

NOTICE OF MEETING OF THE PLEASANT GROVE CITY COUNCIL

Notice is hereby given that the Pleasant Grove City Council will hold a **Work Session meeting at 4:30 p.m.** prior to the regular **meeting on Tuesday, February 6, 2024** in the Community Room 108 S 100 E, **at 6:00 p.m.** This is a public meeting and anyone interested is invited to attend. Work Sessions are not designed to hear public comment or take official action.

AGENDA

4:30 P.M. WORK SESSION

- a. Introduction of the Arts Commission
- b. Demonstration by PG Masters Robotics Team
- c. Kim Schroeppel Victim Advocate Report
- d. Staff Business

6:00 P.M. REGULAR CITY COUNCIL

- 1. CALL TO ORDER
- 2. PLEDGE OF ALLEGIANCE
- 3. OPENING REMARKS
- 4. APPROVAL OF MEETING AGENDA
- 5. OPEN SESSION
- **6. CONSENT ITEMS:** (Consent items are only those which have been discussed beforehand, are non-controversial and do not require further discussion)
 - **a.** To consider for approval contract Change Order No. 1 for Insituform Technologies, LLC for the FY2022-23 Sewer Rehabilitation project.
 - **b.** To consider for approval Payment Request No. 3 for Insituform Technologies, LLC for the FY2022-23 Sewer Rehabilitation project.
 - **c.** To consider for approval Payment Request No. 1 for Rivendell Tree Experts, LLC for the 2024 Pavement Preservation Tree Trimming project.
 - **d.** To consider for approval Change Order No. 1 for Jay Lyne Robert & Sons, Inc on the Chlorination System Installation Atwood Well and Gibson Well, Anderson Well and Adams Well project.
 - e. To consider for approval Payment Request No. 2 for Jay Lyne Robert & Sons, Inc on the Chlorination System Installation Atwood Well and Gibson Well, Anderson Well and Adams Well project.
 - f. To consider for approval Partial Payment No. 3 to Big-D Construction for the Cook Family Park Project.
 - g. To consider approval of Payment Reports for January 25, 2024 and January 30, 2024.

PLEASE NOTE: THE ORDER OF THE FOLLOWING ITEMS MAY BE SUBJECT TO CHANGE.

- 7. BOARD, COMMISSION, COMMITTEE APPOINTMENTS: None at this time.
- **8. PRESENTATIONS:** None at this time.

9. PUBLIC HEARING ITEMS:

- A. Public Hearing to consider for adoption an Ordinance (2024-2) regarding the Transportation Master Plan Update with an appendix including the 600 West Center Street Study. Presenter: Director Winterton
- B. Public Hearing to consider for adoption an Ordinance (2024-3) for a zone change from the RR (Rural Residential) Zone to the R1-20 (Single-Family Residential) Zone on 3.32 acres of unplatted land, located east of 820 West and north of 1800 North, at the request of Noel Vallejo and Bryce Hardee. *Presenter: Director Cardenas*
- C. Public Hearing to consider for adoption an Ordinance (2024-4) for a zone change from RR (Rural Residential) Zone to the R1-10 (Single-Family Residential) Zone, on approximately 4.5 acres of unplatted land, located at approx. 131 West 1800 North, at the request of Castlewood Development. *Presenter: Director Cardenas*

10. ACTION ITEMS READY FOR VOTE:

- **A.** To consider for adoption of a Resolution (2024-07) authorizing the Mayor to declare a 2014 Ford F-450 Wheeled Coach ambulance as surplus and Direct that it be Disposed of According to the City's Policy for Disposing of Surplus Property. *Presenter: Fire Chief Engemann*
- **B.** To consider for adoption a Resolution (2024-08) authorizing the Mayor to sign a Cooperative Agreement with the Utah Department of Transportation (UDOT) providing for the development and preservation of access points on a proposed frontage road in the area of I-15 and other related matters. *Presenter: Attorney Petersen*
- C. To consider for adoption a Resolution (2024-09) authorizing the Mayor to sign a Cooperative Agreement with LC Reserve One, LLC, Valley Grove Exchange II, LLC providing for the development and preservation of access points on a proposed frontage road in the area of I-15 and other related matters. *Presenter: Attorney Petersen*

11. ITEMS FOR DISCUSSION:

- A. Continued Items from the Work Session if needed.
- 12. REVIEW AND DISCUSSION ON THE FEBRUARY 21, 2024, CITY COUNCIL MEETING AGENDA.
- 13. MAYOR AND COUNCIL BUSINESS.
- 14. SIGNING OF PLATS.
- 15. REVIEW CALENDAR.

16. ADJOURN.

CERTIFICATE OF POSTING:

I certify that the above notice and agenda were posted in three public places within Pleasant Grove City limits and on the State (http://pmn.utah.gov) and City (www.plgrove.org) websites.

Posted by: /s/ Wendy Thorpe, City Recorder

Date: February 2, 2024 Time: 11:00 a.m.

Place: City Hall, Library and Community Room 108 S 100 E.

*Note: In accordance with the Americans with Disabilities Act. Pleasant Grove City will make re-

*Note: In accordance with the Americans with Disabilities Act, Pleasant Grove City will make reasonable accommodation for participation in the meeting. Request assistance by contacting Pleasant Grove City at (801) 785-5045, at least 48 hours prior to the meeting.

ORDINANCE NO. 2024-2

AN ORDINANCE OF PLEASANT GROVE CITY, UTAH COUNTY, UTAH, AMENDING PLEASANT GROVE TRANSPORTATION MASTER PLAN REGARDING THE ADDITION OF APPENDIX "E" REGARDING THE INTERSECTION OF 600 WEST AND CENTER STREET IMPROVEMENT STUDY, PLEASANT GROVE, UTAH COUNTY, UTAH, INCLUDING AN EFFECTIVE DATE.

WHEREAS, the City recognizes the need for updating and amending the Pleasant Grove Transportation Master Plan regarding the intersection of 600 West and Center Street; and

WHEREAS, the Mountainland Association of Governments (MAG) and City through Interlocal Agreement, commissioned a study to present options for improving the subject intersection; and

WHEREAS, Said study included conceptual cost estimates for the improvement project; and

WHEREAS, MAG has certain funds available to assist in the financing of the project; and

WHEREAS, in order to apply and qualify for the funding, City must show the project and the estimated costs on its Master Transportation Plan; and

WHEREAS, on February 6, 2024, the Pleasant Grove City Council held a public hearing to consider the request; and

WHEREAS, at its meeting the City Council decided that the amendment to the Pleasant Grove Transportation Master Plan is in the public's interest and consistent with the goals and policies of the General Plan; and

NOW, THEREFORE, BE IT ORDAINED by the City Council of Pleasant Grove City, Utah County, State of Utah as follows:

SECTION 1. The Pleasant Grove City Council has evaluated the recommended addition of Appendix "E" to the Master Transportation Plan regarding improvements and estimation of costs for the intersection of 600 West and Center Street. The Master Transportation Plan is hereby AMENDED to add Appendix "E."

SECTION 2. SEVERABILITY. The sections, paragraphs, sentences, clauses, and phrases of this Ordinance are severable. If any such section, paragraph, sentence, clause, or phrase shall be declared invalid or unconstitutional by the valid judgment or decree of a Court of competent jurisdiction, such invalidity or unconstitutionality shall not affect the validity or constitutionality of any of the remaining sections, paragraphs, sentences, clauses or phases of this Ordinance.

SECTION 3. EFFECTIVE DATE. This ordinance shall take effect immediately upon its passage and posting as provided by law.

SECTION 4. APPROVED AND ADOPTED AND MADE EFFECTIVE by the City Council of Pleasant Grove City, Utah County, Utah, this 6th day of February 2024.

		Gu	y L. Fugal, Ma	yor
ATTEST:				
Wendy Thorpe, CM City Recorder	IC			
Motion: Council Men	nber			
Second: Council Men	nber			
ROLL CALL	Yes	<u>No</u>	Abstain Ab	<u>sent</u>
Mayor Guy L. Fugal				
Dianna Andersen				
Steve Rogers				
Eric Jensen				
Cyd LeMone				
Todd Williams				

CERTIFICATE OF POSTING ORDINANCE

Pleasant Grove City Corporation

	the City of Pleasant Grove, hereby certify that a summary of the foregoing was posted on the State (http://pmn.utah.gov) website on this day of
Dated this day of	, 2024.
Wendy Thorpe, CMC, City Recorder	







PLEASANT GROVE TRANSPORTATION MASTER PLAN

ADOPTED BY CITY COUNCIL ON XX,XX,2023



Table of Contents

2023	Update	1
Exec	utive Summary	1
Re	oadway Elements	1
Al	Iternative Transportation Elements	2
0	ther Transportation Related Elements	2
Tr	ransportation Improvement Program	3
1.0	Introduction	3
Α	Brief History	4
2.0	Transportation Goals and Policies	6
Sa	afe Transportation System	
	orridor Preservation	
M	1ulti-Modal Approach	7
In	nprove the Physical Condition and Efficiency of the City's Roads	7
	irculation Flow	
Le	evel of Service	9
Q	uality Image through Streetscape Design	10
Pe	edestrian and Non-Motorized Circulation	10
Tr	raffic Calming Design	12
D	esign Circulation and Street Pattern to Support the General Plan Land Use Goals	12
Pı	reserve Air Quality and Energy	12
3.0	Existing Conditions	13
E	xisting Socioeconomic Conditions	13
E	xisting Land Use	13
Ex	xisting Roadway Inventory	15
Ex	xisting Traffic Volumes	17
E	xisting Traffic Conditions	17
	Roadway Level of Service	
	Intersection Level of Service	
	xisting Roadway Jurisdiction	
E	xisting Alternative Transportation Modes	20
4.0	Future Conditions	22
Fι	uture Socioeconomic Conditions	22
	uture Land Use	
	ravel Demand Modeling	
	rojected Traffic Volumes and Conditions	
	Existing Conditions	
	No-Build Conditions	24

	Build Conditions	25
5.0	Alternatives Evaluation and Guidelines	29
Ro	padway Functional Classification	29
Αl	ternative Transportation Modes	34
ſ	Mass Transit	34
ι	UTA Local/Express Bus Service	34
	Intercity Connector	
	Bus Rapid Transit (BRT)	
	Light Rail	
	Commuter Rail Transit	
	Intermodal Center	
	Bicycle and Pedestrian Facilities Plan	
	Trail Priorities	
	Bicycle and Pedestrian Improvements	
	New Trails	
	Inter-jurisdiction Coordination	
	Definitions of Bicycle and Pedestrian Facilities	
	References for Bicycle and Pedestrian Facilities	
-	gnal Inventory	
	Safety	
	Driveways	
	Offset Intersections	
	Intersection Traffic Controls	
	raffic Calming	
	Types of Traffic Calming Measures	
	Streetscaping	
	Other Considerations	
	Installation of Traffic Calming Measures	
	ccess Management	
	orridor Preservation	
(Corridor Preservation Techniques	49
Tr	affic Impact Studies	49
Ag	gency Coordination	50
lm	npact Fees	51
Pu	ublic Involvement Process	51
Ac	ccess Management	52
	Principles of Access Management	
6.0	Potential Funding Sources	
	ederal Funding	
	•	
	ate Funding	
	ocal Funding	
7.0	Transportation Improvement Program	54
Appe	ndix A: Raw Traffic Data	58

Appendix B: Existing Synchro Model Output	59
Appendix C: Access Management Guidelines	60
Appendix D: Public Involvement	61
Appendix E: Resolution & Staff Report	62
Appendix F: 600 West & Center Street Study	63
List of Figures	
Figure 1: Pleasant Grove City Vicinity Map	
Figure 2: Pleasant Grove Traffic Analysis Zones (TAZ)	14
Figure 3: Existing Roadway Functional Classification & Number of Lanes	
Figure 4: Existing Level of Service (LOS)	
Figure 5: Existing Transit Facilities	
Figure 6: 2050 No Build Level of Service with Volumes	
Figure 7: 2050 Roadway Master Plan	
Figure 8: 2050 Build Level of Service with Traffic Volumes	
Figure 9: Typical Cross-Sections-Arterial Roads	
Figure 10: Typical Cross-Sections – Collectors & Local Roads	
Figure 11: Future Roadway Functional Classification	
Figure 12: Bicycle & Pedestrian Facilities	
Figure 13: Future Transit Plans	
Figure 14: Signal Inventory	
Figure 15: Typical Roundabout Design	
Figure 16: Transportation Improvement Program	55
List of Tables	
Table 1 Examples of Land Use Thresholds that Require Traffic Impact Studies	10
Table 2: Existing Socioeconomic Conditions	15
Table 3 Freeway LOS Capacity Criteria (Maximum Volume)	17
Table 4 Arterial LOS Capacity Criteria (Maximum Volume)	17
Table 5 Collector LOS Capacity Criteria (Maximum Volume)	
Table 6 Signalized & Unsignalized Intersection LOS Criteria	18
Table 7: 2050 Socioeconomic Conditions	
Table 8: Functional Classification Planning and Design	
Table 9: Functional Classification Operations	
Table 10: Intersection Curb Radii Chart	
Table 11: Trail Descriptions	
Table 12: Pleasant Grove City Transportation Improvement Program	55

Acronyms and Abbreviations

AADT Annual Average Daily Traffic

CFP Capital Facilities Plan

GOPB Governor's Office of Planning and Budget

HCM Highway Capacity Manual

ITE Institute of Transportation Engineers

LOS Level of Service

MAG Mountainland Association of Governments

MPO Metropolitan Planning Organization

STIP Statewide Transportation Improvement Program

STP Surface Transportation Program RTP Regional Transportation Plan

TAZ Traffic Analysis Zone
TDU Transit District of Utah
TDM Travel Demand Model

TIP Transportation Improvement Program

TMP Transportation Master Plan
TRB Transportation Research Board
UDOT Utah Department of Transportation

UTA Utah Transit Authority

2023 Update

The following sections of The Pleasant Grove Transportation Master Plan (TMP), adopted in 2009, were updated in 2023 to include updated information:

- Update the Travel Demand Model
- Incorporate Updated Mag TransPlan50 recommendations.
- Update the Capital Facilities Plan project list.
- Updates to existing data that changed since the original plan was adopted in 2009.
- 600 West & Center Street Study.

Executive Summary

Pleasant Grove has experienced significant growth and development; the current census data (2020) reported a population of 37,726 in the City in 2020. For future growth, the Governor's Office of Planning and Budget projects a population of 42,062 in 2030 and 51,200 in 2050 for Pleasant Grove. Due to growth within Pleasant Grove and growth throughout the county, a comprehensive transportation plan must be developed and regularly maintained to combat the potential congestion caused by projected growth. This plan must incorporate the goals of the City of Pleasant Grove regarding the transportation systems within the city's authority as well as those regional facilities maintained by UDOT, UTA, Utah County, and neighboring communities.

Recognizing the need to update the Transportation Master Plan (TMP) to accommodate the future development throughout and around Pleasant Grove, travel demands resulting from the planned land uses outlined in the City's General Plan were modeled and documented. The results of that modeling process were used to make plans regarding future transportation improvements. This TMP is a culmination of the master plan update process and is expected to guide the Pleasant Grove transportation system for several years. The TMP discusses the various transportation elements in Pleasant Grove City, including traffic volumes and conditions, roadway functional classification, typical street sections, alternative transportation modes, traffic signals, access management, corridor preservation, capital improvements, and more.

ROADWAY ELEMENTS

The existing transportation master plan of Pleasant Grove had several revisions to accommodate the growth expected throughout the city and maintain the quality of life desired by the residents. The updated roadway plan outlines the roadway functional classifications, the number of lanes, typical cross-sections, right-of-way required to accommodate future traffic in the year 2050 on each roadway, and locations for intersection improvements. In addition to the above, the TMP:

- Outlines the application of typical cross-sections to each functional classification.
- Guides on how to ensure safety as a primary goal in the design and operations of the City's roadways.
- Discusses the implementation of additional traffic calming measures.

- Describes proper access management guidelines and procedures.
- Expounds on a traffic impact study requirement for developers.
- Summarizes the practice of preserving future transportation corridors, coordinating with other agencies, and implementing impact fees to developers.
- Guides alternative modes of transportation (public transit, bicycle, and pedestrian facilities).

ALTERNATIVE TRANSPORTATION ELEMENTS

To provide a well-balanced transportation system in Pleasant Grove, Pleasant Grove will encourage and develop transportation alternatives to automobiles. As the City grows and develops, alternative transportation elements such as public transit and bicycle/pedestrian facilities will play an increasing role in the overall transportation system. This TMP discusses future opportunities to encourage alternative modes of transportation throughout Pleasant Grove, including carpooling, park-and-ride lots, local UTA bus routes, bus rapid transit, commuter rail transit, and bicycle, pedestrian, and equestrian plans.

OTHER TRANSPORTATION RELATED ELEMENTS

In addition to the roadway and alternative transportation elements, this TMP addresses other transportation elements such as safety, traffic calming, access management, and corridor preservation. The primary concerns of the TMP are safety, forecasting traffic growth, and providing adequate facilities to meet needs. The city will construct and maintain its transportation facilities in compliance with applicable design and engineering standards.

The city can implement multiple traffic-calming measures to reduce speeds on residential and commercial roadways. In summary, those measures include traffic control device use and actual street and route modification where necessary. There are appropriate situations and locations for traffic-calming use; however, the city must be cautious and organized in developing and implementing a traffic-calming program, or more problems could result than are solved. The general approach involves conducting an engineering study to determine the nature and extent of the traffic problems with guidelines for traffic-calming measures to address the traffic problems. Once a type of traffic calming is selected and implemented it will be monitored to evaluate the success of the traffic calming measure for future use. Details of the different traffic-calming measures and implementation are in this TMP.

Access management principles include controlling the location, amount, spacing, and type of driveways and intersections on arterial and collector streets. Managing access design will minimize traffic conflicts and maximize the capacity of major travel routes. This TMP provides access management guidelines for the city to use as more development occurs.

Corridor preservation allows a city to identify and protect the land from development needed for future transportation facilities. Through corridor preservation practices, the city will be able to preserve and protect land that the city needs for future transportation facilities. These practices include exactions, developer incentives, and agreements, fee simple acquisitions, transfer of development rights and or densities, land use controls, and purchases of options and easements. By preserving these corridors now (securing future right-of-way), the city will lower the cost and impact of these facilities.

TRANSPORTATION IMPROVEMENT PROGRAM

The Pleasant Grove Transportation Improvement Program (TIP) indicates the needed transportation improvements and prioritizes their implementation schedule. Each transportation improvement will have a planning-level cost estimate and a time frame for its implementation. The city separated the improvements into short-range (0 to 5 years), medium-range (5 to 10 years), and long-range (10 to 20 years) time frames. The city is not obligated to implement any improvement shown in the TIP. The city will determine the actual implementation of facilities and funding for each project on a case-by-case basis as the city works through the annual budgeting process.

Pleasant Grove City intends this TMP to be a living document that the city will use to plan and guide the development of its transportation system in a timely and efficient manner. Since many aspects of this TMP are primarily developer-driven, the city will update the TMP as the city grows and changes. Significant land-use changes or fluctuations in population could alter the need for or timing of improvements identified in the TIP. As a result, the city will review and update the TMP regularly. The city will perform significant reviews at least every five to ten years with road plans being every three to five years. This process will ensure that the TMP reflects the values and growth of Pleasant Grove City and serves its intended purpose for years to come.

1.0 Introduction

Pleasant Grove is a city in northern Utah County along the Wasatch Front. Neighboring Cities include American Fork, Lindon, and Cedar Hills, as shown in Figure 1. Pleasant Grove City has developable land within the city limits, which allows it to grow well beyond its current population. Like the overall growth in Utah County, Pleasant Grove has also experienced rapid residential and commercial economic growth in recent years. For example, the Bureau of the Census reported a total population of 37,726 for the city in the year 2020. Due to this expansive growth, many of the transportation facilities throughout the city are experiencing increasing congestion and may soon become functionally obsolete and need improvements. The city will need other upgraded transportation facilities to accommodate the new growth in those areas.

The last update to the City's transportation element of the General Plan was in 2009. The city recognizes the need to update the Transportation Master Plan (TMP) to accommodate future travel demand as the city grows. This transportation master plan update will guide the City's transportation system for the next several years.

The TMP discusses the various elements of transportation in the City, including traffic volumes and conditions, roadway functional classification, typical street sections, alternative transportation modes, traffic signals, access management, corridor preservation, and capital improvement recommendations.

A BRIEF HISTORY

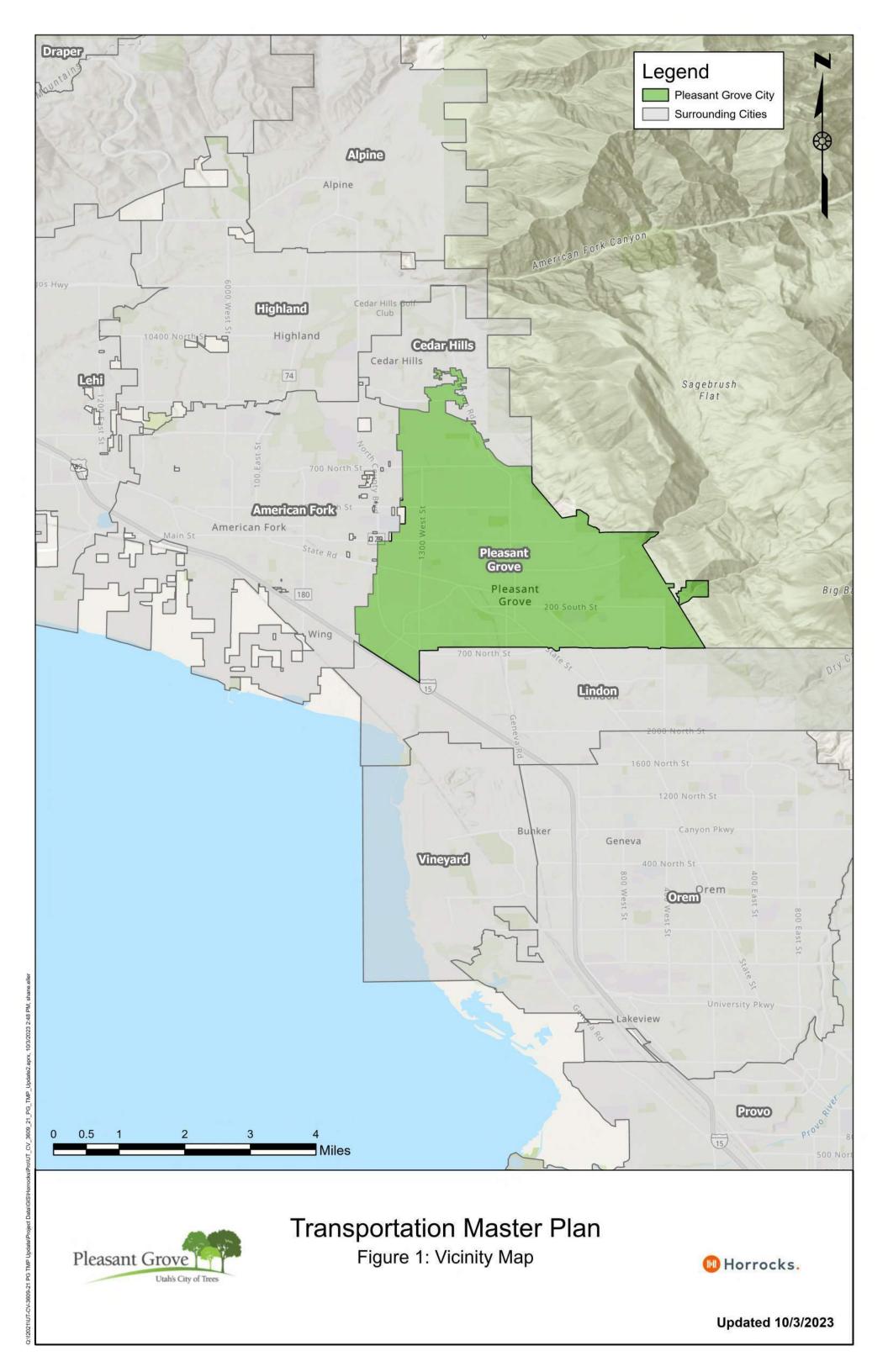
Like many of the communities in Utah, the Mormon pioneers settled in Pleasant Grove. These early settlers were sent by Brigham Young, thus establishing the small community on September 13, 1850. The pioneers were attracted by a small grove of trees which gave promise and hope of a land with water and rich soil. The official name "Pleasant Grove" did not come first although the name was based on the small grove of trees that were here when they first arrived. The first name of this community was "Battlecreek" named after the first skirmish in Utah between the Indians and pioneers, located at the mouth of the canyon above this small community. Because of the Indian conflict, the settlers were instructed to build a fort for protection. A meeting house and schoolhouse were then constructed to meet the spiritual and educational needs of the people who came to Pleasant Grove.

On January 19, 1855, the territorial legislature approved Pleasant Grove to become incorporated. The first municipal election was then held in May 1855 and Henson Walker took office as the first Mayor.

Nicknames began popping up that described certain areas of the community: "Little Denmark" was the area where Scandinavian people settled: "Monkey Town" was named because the youth gathered on "fog" corner in the area and "monkeyed" around which caused adults great concern over the "...mischievousness of the youth." "Mud Hole" was an area where the community's merchandising and entertainment occurred. It was said that the "upper class" lived in this area.

Life was difficult. The settlers were terrified of the Indians but also had to face famine and hunger. They had to rely on one another to survive a few winters. The meeting house was also used as a storehouse, but a fire brought the building and its contents to the ground and there just was not enough time to restock before winter came on again. Life was not all filled with hardships, however, people often met socially and because of the abundant strawberry crop every summer, "Strawberry Days" was created. Strawberry Days are the longest continuing community celebration in Utah to date. The strawberry fields are now gone, taken over by development. The schoolhouse still stands and has been converted into a nice pioneer museum to remind us of those who came first, those who were willing to take the risk, make their homes in an unknown wilderness, and prepare the way for those who came after.

This information is located on the Pleasant Grove website at <u>Pleasant Grove History - Pleasant Grove City</u> (plgrove.org).



2.0 Transportation Goals and Policies

This section of the TMP outlines the general transportation desires of the city; this will assist City leaders, planners, engineers, and land developers in developing transportation guidelines, standards, and solutions that reflect the unique characteristics of Pleasant Grove. City staff and leaders will use these goals and policies to evaluate transportation alternatives not addressed in the City's TMP and will be in harmony with the city's transportation needs and desires. The following sections outline the City's Transportation Goals and Policies.

SAFE TRANSPORTATION SYSTEM

Automobile accidents are one of the leading causes of injury and death in the United States. While we often freely accept the trade-off of increased exposure to accidents versus travel conveniences when we use automobiles, there is an inherent trust in the public infrastructure to comply with reliable safety standards.

Pleasant Grove will set transportation system safety as a high priority and work diligently to meet applicable safety standards. The city will require all major subdivision developments to provide multiple emergency vehicle accesses. They will also require secondary access for all projects with roadway lengths greater than 1,000 feet. The Planning Department will implement this requirement during the site plan review process. Pleasant Grove will provide pedestrian crossings for children, particularly near schools and recreation areas, and will encourage the development of school routing and recreation plans that minimize vehicle/pedestrian conflicts. With the involvement of the School District, PTA, City Public Works, and Engineering Department, the city will conduct an annual review of the safe walking routes. The Engineering and Planning Departments will collaborate with the School District to plan future school locations and walking routes within the existing municipal and annexation policy declaration boundaries consistent with the transportation system.

The Engineering Department will complete speed studies for areas of concern, and law enforcement agencies will enforce safe speeds. The city will maintain a logical progression of speed limit areas such that similar areas and street types are consistent in speed limitations.

The Engineering Department will review intersections and developments that are problem areas for traffic channelization solutions and improve traffic on streets through striping, raised medians and islands, reduction of roadside obstructions, and other traffic engineering solutions. They will also require all roadway features to meet minimum design standards established by the American Association of State Highway and Transportation Officials (AASHTO). All signs, pavement markings, and traffic signals must meet standards established by the manual of Uniform Traffic Control Devices (MUTCD) and enforce the current design standards during the review process.

Pleasant Grove will upgrade or install pedestrian safety features at intersections and crossings areas as deemed necessary by City Staff which may include but are not limited to 1) Warning lights and audible signals at high-volume intersections. 2) ADA ramps at all crossing areas. 3) Streetlights on both sides of the street at mid-block crossings and flashing beacons where feasible (Note: The City will minimize the establishment of mid-block crossings where possible.) 4) Raised median pedestrian refuge was feasible

on roadways with four or more lanes. **5)** Stricter enforcement of jaywalking through signage and increased monitoring. **6)** Optimal sidewalk conditions for walking and wheelchairs through repairing cracks and bumps, minimizing slopes, and maintaining visibility at corners. The City Staff will regularly review the pedestrian facilities throughout the city.

CORRIDOR PRESERVATION

Corridor preservation allows a city to identify and protect the land needed for future transportation facilities from development that might be incompatible with these facilities. Pleasant Grove will sufficiently plan the needs of community-wide transportation systems. It will preserve future corridor locations and secure right-of-way using innovative methods, including exactions, developer incentives, and agreements, fee simple acquisitions, transfer of development rights and or densities, land use controls, and purchase of options and easements. Pleasant Grove will involve the local, regional, and state agency participation in developing the plan goals and implementing the projects planned in the City's Transportation Improvement Plan (TIP). The city will regularly review and update the TMP and TIP every five to ten years.

MULTI-MODAL APPROACH

The private automobile is presently the most common and convenient form of transportation. The City in cooperation with MAG needs to plan for all modes of transportation to meet the community's needs and establish a more desirable urban environment. Alternative transportation types primarily include public transit, walking, and bicycling. Alternative modes of transportation can assist in reducing vehicular congestion and delay and reduce overall pollution emissions from vehicular traffic.

Pleasant Grove will provide effective connections and community use of mass transit systems in and near the City and a balanced multi-modal approach to transportation problems that considers mass transit, carpools, and other alternative modes to the single-occupant automobile. The city will develop and continually update a long-range mass transit plan as part of the City's TMP by 1) Planning for future light rail service and transit-oriented development in the downtown and other strategic locations. 2) Encourage transit and multi-modal facilities by improving bus stops. 3) Require developers of new commercial developments to consider transit and other multi-modal services in their design of parking facilities, roadways, and pedestrian access. 4) Work with UTA to establish new transit routes throughout the City and develop bus stop and park-and-ride requirements for office and commercial land uses. 5) Support the implementation of park-and-ride lots and encourage the development of high-frequency, express transit services.

IMPROVE THE PHYSICAL CONDITION AND EFFICIENCY OF THE CITY'S ROADS

Roads require consistent monitoring and maintenance to avoid unnecessary wear and tear. Pleasant Grove should regularly monitor pavement conditions, vegetation overgrowth, and signing & striping conditions to address deficiencies promptly to stop further deterioration. Pleasant Grove will maintain an efficient roadway network through regular maintenance programs. The city will: 1) Widen, improve, and

complete unfinished streets, install streets where there are high traffic demands initiate a street overlay improvement plan (4" minimum thickness) to repair all old and damaged roads, and plan for and complete the projects in the City's TMP. 2) Provide funding for needed road improvement projects by setting aside funds for each budget year. 3) Work with the railroad and other agencies to set target dates for improvements to railroad crossings and repair all roadways with a railroad crossing.

CIRCULATION FLOW

Like many other cities throughout the Wasatch Front, Pleasant Grove has established its street network on a grid system. Pleasant Grove has established a hierarchy of roadway functional classifications to provide proper circulation flow on this grid system. Continuity in the defined functional roadway classification needs to occur between adjacent districts. Discontinuity in the roadway functional classification can cause confusion and congestion on the street network. Each roadway needs to serve a distinct function and purpose. Pleasant Grove will design transportation facilities for efficient traffic flow throughout the city with compatible connections to regional transportation systems. Pleasant Grove created its TMP to have a hierarchy of streets to work with the land use the street system serves. The city will abide by the street hierarchy identified in the TMP and follow corridor preservation techniques to preserve the right-of-way necessary for the different street classifications.

The principal function of arterial streets is to continuously move large volumes of traffic over a substantial distance. To ensure that arterial roads will function properly, the City will implement and enforce access management principles and standards (as outlined in the appendix) and parking restrictions. The street system shall include a hierarchy based on vehicle usage. The TMP expects trucks to stay on designated truck routes, which are primarily limited to arterial streets. Pleasant Grove will develop and pass a truck route ordinance; mandating trucks to travel on designated truck routes and roadway designs to provide adequate turning radii at intersections based on the specific roadway classifications (Table 10). In addition, the Engineering Department should develop a signage system that would inform heavy vehicle operators to drive on designated truck routes. The Planning Department will ensure that land uses requiring truck delivery are along roadways that can accommodate trucks.

Pleasant Grove will minimize traffic speeds on local streets by providing direct routes to collector streets. The city will verify that street designs are compatible with street functions by requiring large housing units, commercial developments, and public buildings to have direct routes onto arterial and collector roads to minimize their impacts on the community. In addition, the city needs to mandate, through ordinance, requiring the conduct of a traffic impact study for these types of developments. The Planning and Engineering Departments will work with all new projects during the review process to ensure a proper design conforms with the standards set in the City's TMP.

The planning and engineering departments will enforce and require access to any new residential development via a local road or an appropriate on-site circulation roadway system. Where feasible, the city will not allow new residential development to face collector or arterial streets to preserve and maintain the functionality and mobility of the major roadways throughout the city. The City will follow the access management standards as outlined in the appendix of this document and establish a hierarchy of streets by classifying all new roads according to their function and purpose.

Pleasant Grove will provide for internal circulation within the city by designing a functional hierarchy of streets to assist in dispersing traffic. This hierarchy will incorporate a broad network of arterial streets with smaller internal networks of collector and local roads. The City will establish a series of roadways within commercial districts to allow for traffic dispersal, thereby reducing congestion and requiring residential subdivisions to have a minimum of two access connections to neighboring subdivisions or streets. They will mandate that residential areas are interconnected with adjacent neighborhoods to prevent children from traveling on arterial and collector streets to reach nearby neighborhoods and schools. The city will design a circulatory system to accommodate regional transportation needs. The Engineering Department is responsible for obtaining updated information regarding projected traffic volumes and regional transportation plans affecting the city at least annually or as information is available from MAG and UDOT.

LEVEL OF SERVICE

Level of Service (LOS) is a traffic engineering term for describing and measuring the travel delay experienced by vehicles. LOS ranges from free-flow traffic conditions (LOS A) to extremely congested travel (LOS F). Since traffic and overall travel are most congested at morning and afternoon peak periods, a typical practice allows for some driver discomfort during these peak periods while providing better LOS throughout the remainder of the day. Pleasant Grove will improve traffic flow and circulation to major activity centers in the city and have a street system that operates at an acceptable Level of Service (LOS) standard during peak-hour periods.

Pleasant Grove will provide streets that a minimum, will operate so that the average travel speeds would be no lower than about 40 percent of the free-flow speeds. Provide intersections that function at a LOS of C (minimum average) during the peak hour (i.e., an average delay of fewer than 35 seconds per vehicle at signalized intersections and less than 25 seconds per vehicle at unsignalized intersections). There are exceptions to these standards where the associated impacts of the improvements needed to bring the facility up to the set standard are disproportionate to the benefits, and funding is unavailable to implement the improvements. The city will adhere to the year-by-year improvement project list to reduce congestion on arterial streets and intersections.

The city will improve the efficiency of streets and reduce potential traffic conflicts through improved or new signals, signs, pavement markings, and street lighting. They will adhere to the year-by-year project list that improves signals, signs, pavement markings, and street lighting. Pleasant Grove will work with businesses to explore non-traditional methods for reducing traffic volume through 1) Travel demand management and system management strategies by developing programs that provide a mix of land use with differing peak traffic periods. 2) Provide incentives for rideshare systems, and encourage flex-time work schedules, parking management, and telecommuting. The Engineering and Planning Departments will implement such programs as development warrants and plan future streets for the width necessary to serve projected traffic at an acceptable LOS as identified above. Require development to protect, preserve, and donate needed street width. Figure 9 and Figure 10 shows the desired typical cross-sections for the different roadway classifications. The Engineering Department will mandate a Traffic Impact Study (TIS) for every new development that would generate more than one hundred peak-hour trips. Table 1 outlines some examples of minimum thresholds for different land uses that would require a TIS. The city

will collect traffic impact fees directly proportional to the impact of a development on the collector and arterial roadways.

Table 1 Examples of Land Use Thresholds that Require Traffic Impact Studies

Land Use	Size of Development that Generates ≥ 100 Peak-Hour Trips	
Residential (Single Family Homes)	90 Units	
Residential (Apartments)	150 Units	
Residential (Condo/Townhomes)	190 Units	
Residential (Mobile Home Park)	170 Units	
Shopping Center	6,000 Sq. Ft. of GLA	
Fast-food restaurant with Drive-In	3,000 Sq. Ft. of GFA	
Gas Station with Convenience Store	7 Fueling Positions	
Bank with Drive-In	2,000 Sq. Ft. of GFA	
General Office	67,000 Sq. Ft. of GFA	
Medical/Dental Office	29,000 Sq. Ft. of GFA	
Research and Development Facility	71,000 Sq. Ft. of GFA	
Light Industrial/Warehousing	185,000 Sq. Ft. of GFA	
Manufacturing Plant	144,000 sq. Ft. of GFA	
Park-and-Ride Lot with Bus Service	160 Parking Spaces	

Source: ITE Trip Generation Manual (7th Edition). GLA = Gross Leasable Area. GFA = Gross Floor Area.

QUALITY IMAGE THROUGH STREETSCAPE DESIGN

The driver's perspective passing through an area and the resident's observation of living and working there can define the sense of community. Communities establish a sense of pride by creating a vision to define a unique and positive image of and for the community. The city will consider aesthetics in the different roadway classifications design to enhance the overall City image. Achieve a higher standard for street beautification, function, and safety.

Pleasant Grove will require all new developments to plant trees in the park strips as part of the landscaping. The city will identify main thoroughfares where 1) Landscaping beautification will benefit the community, 2) Explore alternative landscaping options for better visibility and safety, 3) Coordinate with Public Works to ensure maintenance needs are addressed, and 4) Use flexible street design to accommodate existing mature trees. They will require all new developments to plant trees, landscape the medians and park strips, provide for water and other maintenance needs of the landscaped areas, and create a list of approved park strip trees to ensure that tree roots do not create maintenance problems. The city will upgrade and beautify sidewalks and other walkways to create a functional but aesthetically pleasing pedestrian streetscape. Create pedestrian rest stops with places for park benches and additional landscaping. Explore alternatives for standard waste receptacles and design streetscapes to reflect and enhance the adjacent land use. The size and type of trees and width of park strips can vary according to need.

PEDESTRIAN AND NON-MOTORIZED CIRCULATION

The scale of a community is best expressed and further enhanced through short, slow-speed trips within the city as opposed to trips that go through Pleasant Grove. Pleasant Grove will support pedestrian and bicycle travel as alternatives to the private automobile and achieve a more walkable community. Support

and encourage bicycles, pedestrians, and other non-motorized travel within the city. Coordinate with adjacent districts to offer continuous routes for travel and recreation between communities.

Pleasant Grove will increase connectivity and efficiency of bicycle and pedestrian facilities along all main arterial and collector streets and keep the City's bicycle and pedestrian facilities master plan up to date. The city will create a balance between bicycle and pedestrian facilities to satisfy the transportation and recreational needs of the residents. They will do this by 1) Improving bicyclist and pedestrian access to parks, recreation centers, mass transit facilities, schools, and other activity destinations by requiring the incorporation of bicycle and pedestrian facilities into private development plans. 2) Requiring sidewalks of sufficient width on both sides of all roads. The city will vigorously enforce this standard on arterial roadways and within commercial areas, with exceptions granted on a case-by-case basis. 3) In developing bicycle and pedestrian facilities, these facilities lead somewhere, are as direct as possible, and are interconnected. 4) Coordinate with school districts on existing and future new school locations relative to student bicycle and pedestrian issues. 5) Assure to incorporate bicycle and pedestrian facilities into roadway and mass transit project plans since it is much more difficult and expensive to retrofit bicycle and pedestrian facilities to existing roads and transit facilities. 6) Encourage the development of multi-use trail facilities in the City's urban environment since they are more practical and efficient. 7) Coordinate with UDOT on new state road construction projects relative to bicycle and pedestrian facilities, such as State Street and Main Street (Geneva Road). 8) Coordinate with UTA on new projects and facilities they own regarding bicycle and pedestrian issues.

Pleasant Grove will encourage alternative modes of transportation through carefully developed support systems by 1) Working with local businesses to offer better bicycle access and improved storage security. 2) Encouraging employers to provide lockers and showers for employees who walk or cycle to work. 3) Working with UTA in establishing bike-and-ride facilities at bus stops, carpool lots, and park-and-ride lots. 4) Creating continuous bicycle paths/routes between residential, commercial, and other areas. 5) Paving the shoulders of roadways that are unpaved and that are designated to accommodate bicycle lanes or a route. Pleasant Grove will ensure that space for bicycle lanes is provided, or in the case of a route, a wider outside general-purpose lane (14 feet). 6) Create a safer environment for bicyclists and pedestrians through proper location and design of sidewalks, bike lanes, multi-use trails, and other bicycle and pedestrian facilities. 7) Coordinate with the adjacent communities, such as Lindon, American Fork, and Cedar Hills (as well as the Forest Service) on bicycle and pedestrian standards; so that the City's bicycle and pedestrian facilities will have a greater likelihood of interconnecting with the facilities of the adjacent community. 8) Conducting planning/engineering studies for its planned bike, pedestrian, and other trail facilities for locating, designing, and acquiring right-of-way for these facilities. 9. Working with the Murdock Canal Company in developing and executing an agreement to formally make available a portion of the canal right-of-way for multi-use trail development, which would include equestrian use.

Pleasant Grove will maintain the safety and accessibility of pedestrian walkways by 1) Developing a maintenance program for sidewalk cleaning, clearance, and snow removal with a clear division of City and citizen responsibility. 2) Developing a program for sidewalks that includes an inventory of the condition of the City's sidewalks and an identification of where there are gaps (lack of sidewalks) in the existing sidewalk network. 3) Determining priorities for sidewalk replacement and new construction based on

sidewalk conditions and safety. **4)** In areas of highest need, annually allocate resources to replace inadequate sidewalks and construct new sidewalks in areas with gaps in the network.

TRAFFIC CALMING DESIGN

Traffic calming design encourages the reduction of speeds and vehicle volumes through roadway design elements manipulation.

Design elements include roadway width, alignment of streets, and connectivity to adjacent streets. Residential streets and other high-pedestrian-use areas most warrant traffic calming. Traffic calming encourages slow speeds through residential and downtown areas by implementing traffic-calming techniques where necessary.

Pleasant Grove will geometrically design new residential streets to avoid excessive speeds by 1) Varying Street widths and patterns to encourage or discourage traffic where appropriate. 2) Employing stop-controlled intersections or roundabouts spaced no farther than one thousand feet apart for residential streets. 3) Maintaining traffic connections that do not overutilize residential routes. 4) Restricting residential roads to a maximum length of 1,300 feet and connecting both ends to either a Local Road or Collector Road. 5) Limiting the maximum length of a cul-de-sac to four hundred feet. Loop or circle streets are preferred to cul-de-sacs to maintain circulation and emergency access.

Local neighborhood streets will provide vehicular and pedestrian access to all land parcels. The city will reduce speeds on downtown and residential streets to 20 miles per hour and create a City-wide traffic calming plan that includes justification, warrants, standards, and specifications for the various traffic calming measures.

DESIGN CIRCULATION AND STREET PATTERN TO SUPPORT THE GENERAL PLAN LAND USE GOALS

A relationship exists between the type of land use and the traffic volumes on the streets. Pleasant Grove will design circulation and street patterns that are compatible with existing and future land use goals and design and plan the City's transportation system to serve as a tool in implementing the General Plan's Land Use Goals. Pleasant Grove will: 1) Lower speed and minimal traffic in residential neighborhoods to improve the quality of life and minimize vehicular traffic on these streets through traffic-calming measures where necessary. 2) Restrict large retail developments to areas adjacent to arterial streets designed to facilitate large traffic volumes and use zoning and other land-use regulatory tools to restrict commercial projects to the property facing arterial roads. 3) Coordinate the general plans of the land use and transportation elements to ensure complementary goals and policies.

PRESERVE AIR QUALITY AND ENERGY

An efficient transportation system contributes to a decrease in pollution and energy consumption associated with most forms of transportation. Therefore, an efficient street network that reduces the time vehicles idle at intersections is in the best interest of the city residents. Using non-motorized travel is another way to reduce pollution and energy consumption. Where possible, the transportation plan will investigate innovative methods of preserving air quality and conserving valuable energy resources.

Pleasant Grove plans to 1) Improve intersection design and traffic signal timing plans to reduce vehicular stop time at major intersections throughout the city. Coordinate traffic signals along arterials to reduce delays experienced by thru traffic. 2) Create a street system that moves automobile traffic efficiently through City streets by a) Securing right-of-way that is necessary to accommodate future traffic volumes. b) Requiring traffic impact fees proportionate to the traffic impacts that development will produce. c) Encouraging mixed-use developments to decrease vehicle trips during peak hours. 3) Encourage other methods of travel within the city by constructing trails and larger sidewalks. 4) Encourage public awareness and participation in emission reduction programs.

3.0 Existing Conditions

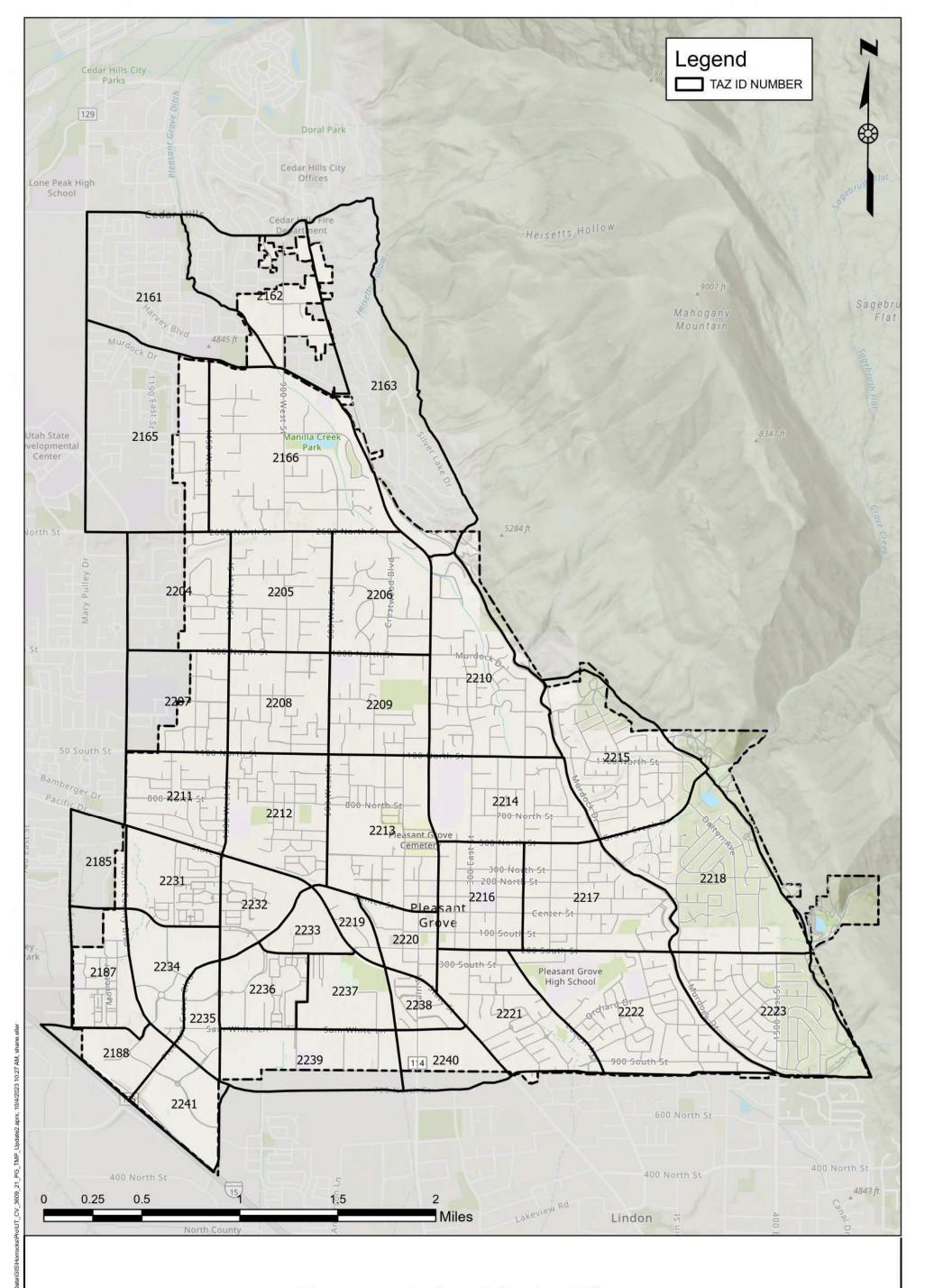
The following data were collected and analyzed to evaluate existing conditions: existing socioeconomic conditions, existing land use, existing roadway inventory (including lane configurations, functional classification, intersection control, etc.), existing traffic volumes, existing traffic conditions (Level of Service, etc.), existing roadway jurisdiction, and existing alternative transportation modes (transit, pedestrian, and bicycle facilities). This data forms the basis for analyzing the current transportation system and provides the foundation for future traffic projections.

EXISTING SOCIOECONOMIC CONDITIONS

Socioeconomic data consists of population, employment, and the number of households associated with a particular area or zone. This data was obtained from the Mountainland Association of Governments (MAG) and reviewed by the city for accuracy. The MAG travel demand model uses these statistics to predict the number of trips traveling to and from each Traffic Analysis Zone (TAZ) defined by the model. Since MAG's travel demand model serves the primary purpose of forecasting traffic volumes and level of service on a regional level. The model was modified by dividing some of the regional TAZs into smaller local TAZs throughout the city to estimate the travel demand characteristics more accurately. These newly divided TAZ can be seen in Figure 2. Table 2 shows a summary of the corresponding socioeconomic data for each of these zones.

EXISTING LAND USE

Traffic volumes and patterns are related to land use and development density. To develop an accurate travel demand model, a thorough review of existing land uses throughout the City was conducted and calibrated the model to represent existing traffic conditions.





Transportation Master Plan

Figure 2: Traffic Analysis Zone (TAZ) Map



Table 2: Existing Socioeconomic Conditions

Table 21 Existing decides of office contactions			
		Dwelling Units	
		(Units)	
II.		596	
		366	
1		428	
		525	
		345	
		218	
		753	
		1	
		286	
		284	
		247	
		120	
		303	
		306	
		413	
		599	
		430	
1490		487	
1513	240	444	
2226	0	541	
1333	131	427	
1773	0	509	
2049	0	558	
123	529	52	
577	1800	244	
2184	422	705	
1813	271	516	
2321	0	643	
3305	283	1197	
2231	542	811	
518	399	203	
1033	735	307	
10	171	4	
3148	2943	1104	
5	740	1	
575	322	203	
0	829	0	
20	1500	7	
0	188	0	
	2226 1333 1773 2049 123 577 2184 1813 2321 3305 2231 518 1033 10 3148 5 575 0 20	(Persons) (Jobs) 2272 515 1475 82 1633 0 3110 254 1338 142 645 280 2263 562 4 759 1059 14 1228 0 951 0 498 2691 1278 0 1172 67 1596 1 1962 882 1575 249 1490 131 1513 240 2226 0 1333 131 1773 0 2049 0 123 529 577 1800 2184 422 1813 271 2321 0 3305 283 2231 542 518 399 1033 735 <	

EXISTING ROADWAY INVENTORY

The existing number of lanes and the current functional classification of each roadway are from field visits, aerial photography, the City's previous TMP, and transportation plans from surrounding authorities. Figure 3 shows the results of that existing roadway inventory. In addition, Horrocks documented the type of intersection control and existing auxiliary lanes for all major intersections and used all this data to model and analyze existing traffic conditions throughout the City.

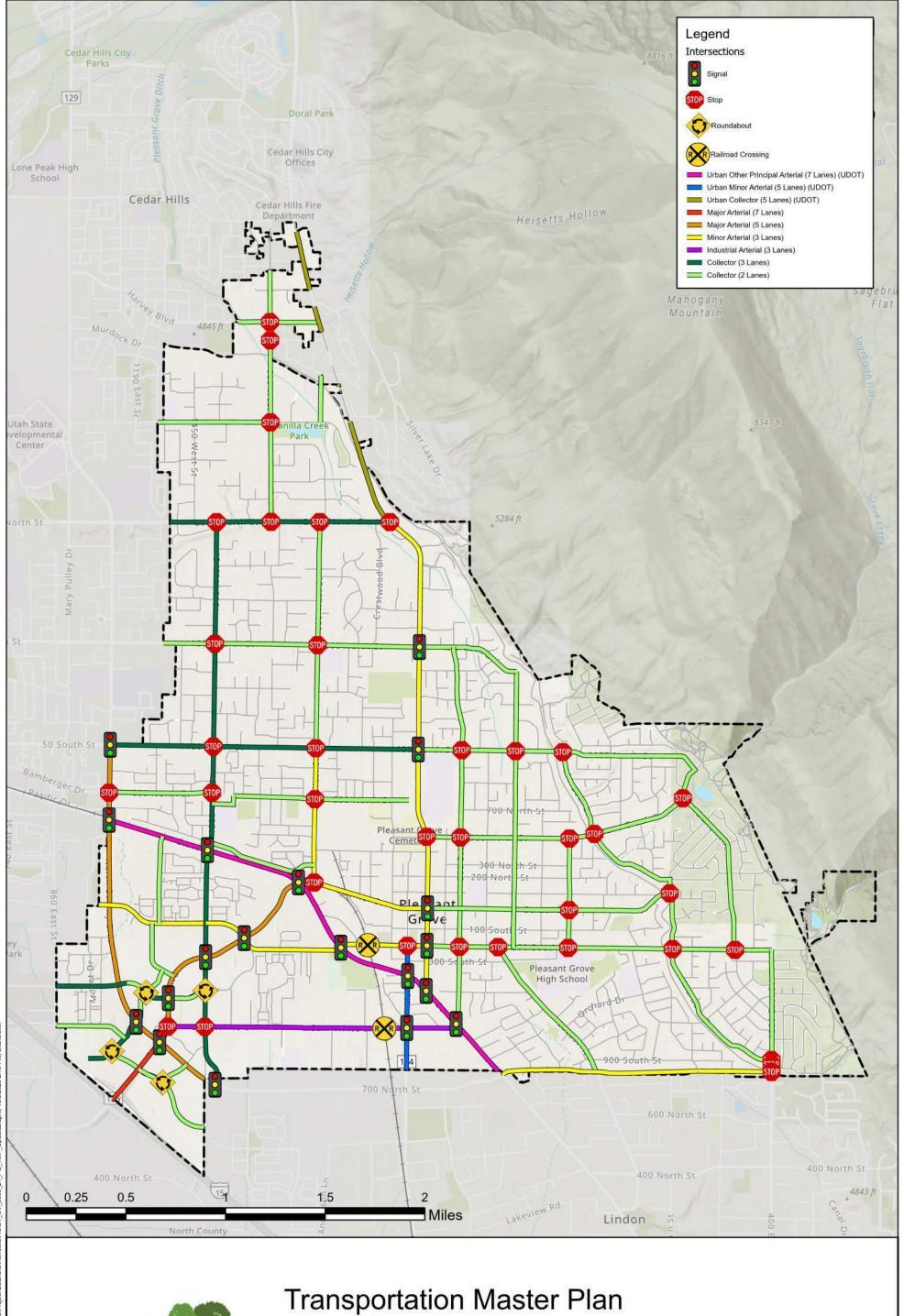




Figure 3: Existing Roadway Functional Classification and Number of Lanes Map



Updated 10/3/2023

EXISTING TRAFFIC VOLUMES

Existing traffic volumes were collected on numerous key roadway segments to evaluate roadway capacities, calibrate the travel demand model, and identify existing deficiencies in the roadway system. These counts were obtained from various sources, including UDOT's Average Daily Traffic (ADT) volumes, traffic counts performed for previous traffic studies, and manual traffic counts collected at 28 intersections throughout the city. Where necessary, these counts were adjusted up to the year 2022. The raw traffic data collected is provided in the appendix.

EXISTING TRAFFIC CONDITIONS

A term used to describe the traffic operations on roadways and at intersections is Level of Service (LOS). There are different methodologies available to calculate LOS, the most used methods are in the Highway Capacity Manual (HCM) published by the Transportation Research Board. The HCM defines six levels of LOS ranging from LOS A to LOS F; LOS A represents free-flow conditions, and LOS F represents severely congested traffic conditions. For this analysis, two types of LOS were used to evaluate the roadway network: Roadway LOS and Intersection LOS. A discussion of these several types of LOS is below.

ROADWAY LEVEL OF SERVICE

Roadway LOS is used as a planning tool to quantitatively represent the ability of a particular roadway to accommodate the travel demand. As a rule of thumb and based on previous experience, the following tables were used to estimate the roadway LOS based on the functional classification, the number of lanes, and the ADT of each roadway in question:

Table 3 Freeway LOS Capacity Criteria (Maximum Volume)

Lanes	LOS C	LOS D	LOS E
4	60,000	70,000	89,000
6	95,000	112,000	140,000

Table 4 Arterial LOS Capacity Criteria (Maximum Volume)

Lanes	LOS C	LOS D	LOS E
2	10,800	13,400	16,100
3	12,400	15,100	17,700
5	28,500	32,800	40,300

Table 5 Collector LOS Capacity Criteria (Maximum Volume)

Lanes	LOS C	LOS D	LOS E
2	9,700	12,100	14,500
3	10,800	13,400	16,100
5	23,100	26,900	33,900

INTERSECTION LEVEL OF SERVICE

Intersection LOS is a more precise method for quantifying traffic operations compared to the Roadway LOS methodology described above. The Roadway LOS looks at the big picture, while the Intersection LOS considers individual vehicular movements within an intersection. Since intersections tend to be the source of bottlenecks within transportation networks, a detailed look into the delay experienced at each intersection is performed. The *Highway Capacity Manual* (HCM) shows the methodology for calculating. This delay. Table 6 describes the resulting LOS criteria for both signalized and unsignalized intersections.

Level of Service	Average Control Delay (sec/veh)			
	Signalized	Unsignalized*		
А	≤ 10	≤ 10		
В	> 10 – 20	> 10 – 15		
С	> 20 – 35	> 15 – 25		
D	> 35 – 55	> 25 – 35		
E	> 55 – 80	> 35 – 50		
F	> 80	> 50		

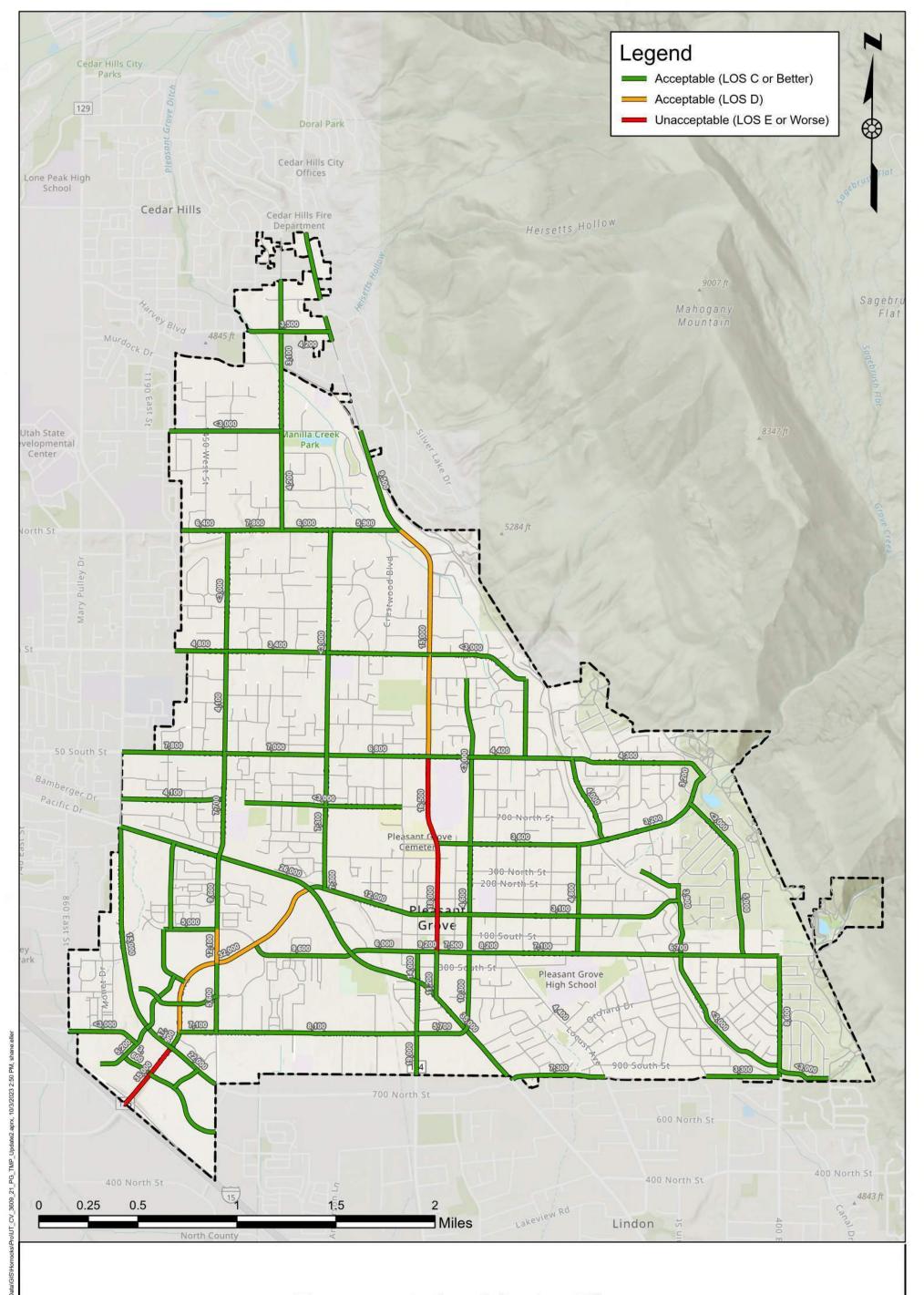
Table 6 Signalized & Unsignalized Intersection LOS Criteria

Even with the rapid growth in Pleasant Grove City in recent years, most roadways operate at an acceptable LOS at the existing travel demand (<u>Figure 4</u>). <u>Figure 4</u> shows a few areas experiencing undesirable traffic congestion and delays.

EXISTING ROADWAY JURISDICTION

The current street system in and around Pleasant Grove consists of a mixture of state, county, and locally owned and operated roads. This mixture may present challenges when coordinating roadway maintenance and improvement programs between authorities. However, by identifying the different agencies and the roadways each authority is responsible for, coordination of future improvements is enhanced.

^{*}Note: The LOS for unsignalized intersections represents the approach with the highest delay.





Transportation Master Plan

Figure 4: Existing Level of Service (LOS) & Average Daily Traffic Volume (ADT)



Updated 10/3/2023

EXISTING ALTERNATIVE TRANSPORTATION MODES

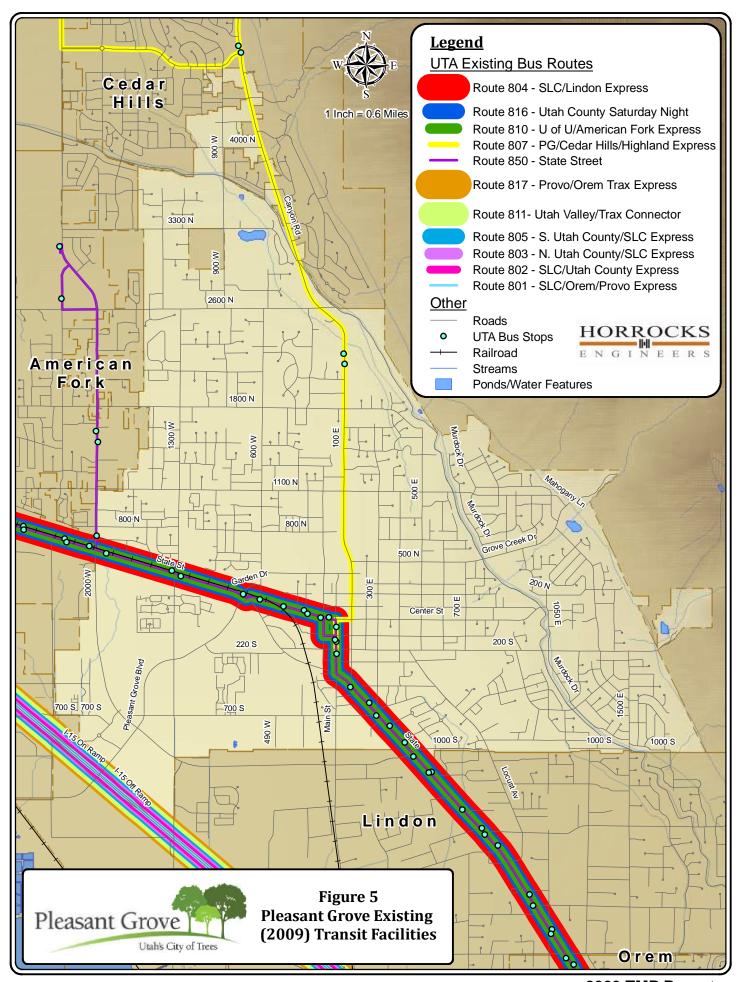
Public transit is a form of alternative transportation within Pleasant Grove City provided by the Utah Transit Authority (UTA). Figure 5 shows the existing transit facilities that run through the city. As shown in the figure, several regional UTA bus routes run through the City along State Street and other roads, with several stops in downtown Pleasant Grove.

Most of the bus service in Pleasant Grove consists of express bus service whose routes use I-15 and other principal roads. Pleasant Grove residents and businesses use this service to access Salt Lake City and other Salt Lake County locations, as well as Orem, Provo, Payson, and other Utah County locations.

The existing UTA bus routes that connect Pleasant Grove with other communities are as follows:

- Route 807 North County/Lehi Station/UVU: This route has a terminus at the UVU station and the Lehi Station. There is a stop at 150 S and Main Street in Pleasant Grove.
- Route 806 Eagle Mountain/Saratoga Springs/Lehi Station/UVU: This route has a terminus at the UVU station and the Eagle Mountain Church Park & Ride. There is not stop in Pleasant Grove.
- **Route 850 State Street:** This route has termini at Lehi Station and Provo Central Station. There is a stop at 150 S and Main Street in Pleasant Grove.

Pleasant Grove considers mass transit and bicycle and pedestrian transportation as an important part of Pleasant Grove's transportation system. Several existing trails are available to pedestrians, bicyclists, and equestrians. The Upper Bonneville Shoreline Trail and Bonneville Shoreline Trail are located principally on Forest Service land east of the city. Walkers, joggers, and mountain bikers frequently use the Murdock Canal Trail. All these trails are important to City residents as recreational recreation facilities. Walking paths, multi-use trails (such as the one on Pleasant Grove Boulevard), and pedestrian routes are available to Pleasant Grove's citizenry.



4.0 Future Conditions

Future travel patterns and associated travel conditions are a direct function of projected land use and socioeconomic conditions. Thus, since municipal boundaries do not restrict travel, a larger area of socioeconomic characteristics is used to estimate future travel volumes in Pleasant Grove City and the surrounding street systems. Future land use and socioeconomic data were obtained from the Mountainland Association of Governments (MAG) and supplemented by data from Pleasant Grove City.

FUTURE SOCIOECONOMIC CONDITIONS

The analysis of land use and socioeconomic data and projections is beyond the scope of this type of transportation study. The transportation system was planned and designed to accommodate future growth projections using a certain amount of socioeconomic documentation is appropriate. The city considers the socioeconomic data collected to be the best available; however, land use planning is a dynamic process, and the report assumptions should not supersede other planning efforts. Table 7 shows the estimated socioeconomic conditions such as population, employment, and dwelling units for the Traffic Analysis Zones (TAZ) within Pleasant Grove City, shown in Figure 2 for 2050.

Pleasant Grove City plans for growth to occur throughout the city. Today's transportation system needs to accommodate existing traffic demands and have capacity built into it to accommodate the projected traffic demands of tomorrow. A couple of assumptions were considered regarding the socioeconomic data and the growth expected to occur within the city. First, the TAZ-specific socioeconomic information only approximates the Pleasant Grove City boundaries based on the data provided by the MAG and reviewed by Pleasant Grove. In addition, actual values may differ somewhat because of the size study area of the Regional Transportation Model that includes the unincorporated areas in and around Pleasant Grove City.

MAG is responsible for regional transportation planning throughout the Utah Valley area. The primary responsibility of MAG is to function as the designated Metropolitan Planning Organization (MPO) for Utah County. MAG helps ensure all cities and counties in the urbanized areas of Utah County follow consistent right-of-way widths and general standards to make sure of adequate regional transportation facilities. The primary products of MAG include a 20-year Long Range Transportation Plan and a 5-year Transportation Improvement Program that are both constrained by available (or available) revenue. As a result of this constraint, the Long-Range Plan does not typically include all the regional facility improvements planned by local communities.

Table 7: 2050 Socioeconomic Conditions

Developing Freedom and Develop Holte			
TAZ Number	Population (Persons)	Employment (Jobs)	Dwelling Units (Units)
2161	2096	593	606
2162	1482	82	410
2162	1565	0	457
		273	
2165 2166	2607 1856	142	750 559
		556	
2185 2187	918 2618	679	344 984
	3	1003	984
2188	1175		61
2204	1175	16	
2205			313
2206	909	0	259
2207	517	2856	143
2208	1442	0	390
2209	1110	72	321
2210	1888	4	561
2211	1869	1089	652
2212	1649	858	511
2213	1676	354	599
2214	1563	287	505
2215	2096	0	568
2216	1298	187	462
2217	1996	0	629
2218	2428	0	746
2219	113	559	53
2220	484	2482	228
2221	2078	508	734
2222	1979	280	628
2223	2307	0	707
2231	3701	455	1442
2232	2529	586	980
2233	596	541	252
2234	2055	1379	726
2235	9	1768	4
2236	2982	3344	1157
2237	4	916	1
2238	527	534	205
2239	0	1289	0
2240	77	1969	28
2241	0	1426	0

FUTURE LAND USE

The future conditions traffic analysis assumes full buildout as represented in the City's current General Plan. The General Plan outlines the densities and types of land uses expected will be built throughout the city. This data was used to validate and modify the projected socioeconomic conditions used in MAG's travel demand model for the TAZ in and around the City.

TRAVEL DEMAND MODELING

Future travel demand projections are a function of land use and socio-economic conditions. MAG's regional travel demand model was used to accomplish this effort. First, the TAZ from MAG's model was divided into smaller TAZ to more accurately model traffic demand within and around the city. Using existing traffic and land use data from Pleasant Grove City, the travel demand model was calibrated to represent existing traffic conditions in Pleasant Grove City. Once the travel demand model was up to date for existing conditions, the model used future land uses and socioeconomic data to predict future roadway traffic volumes and roadway conditions.

PROJECTED TRAFFIC VOLUMES AND CONDITIONS

The resulting output of the travel demand model consisted of projected traffic volumes on all the major streets throughout the city. This data was used to formulate roadway improvements on individual streets. Various alternatives were modeled and analyzed to develop these improvements. Various measures of effectiveness were considered to establish the projected traffic volumes and conditions for future roadway improvements, including Level of Service, delay, and overall safety. Pleasant Grove's existing and 2040 traffic scenarios were modeled. The following scenarios of broad alternatives are described in greater detail below.

EXISTING CONDITIONS

Existing conditions were simulated using the travel demand model. These conditions were reviewed and compared with existing operations and traffic volumes to determine deficiencies or problems caused by existing travel demand as opposed to growth in travel demand. Existing traffic volumes and LOS are depicted in Figure 4.

NO-BUILD CONDITIONS

The no-build conditions consisted of modeling the potential development and growth throughout the city without making any additional improvements beyond what is already on the MAG Long Range (20-year) Plan. Figure 6 shows the resulting traffic volumes (2050 projections) and LOS. This scenario was modeled to help pinpoint various problem areas throughout the city and demonstrate the need for traffic improvements. This option assumes that MAG would finish the traffic improvements on the current plan by 2050, including widening State Street to seven lanes and widening Pleasant Grove Blvd to five lanes. Regardless of these assumed improvements, a few roadways throughout the city are expected to perform at an undesirable LOS without any additional traffic improvements:

- 100 East from 200 South to 1100 North.
- Pleasant Grove Boulevard from Sam White Lane to State Street.

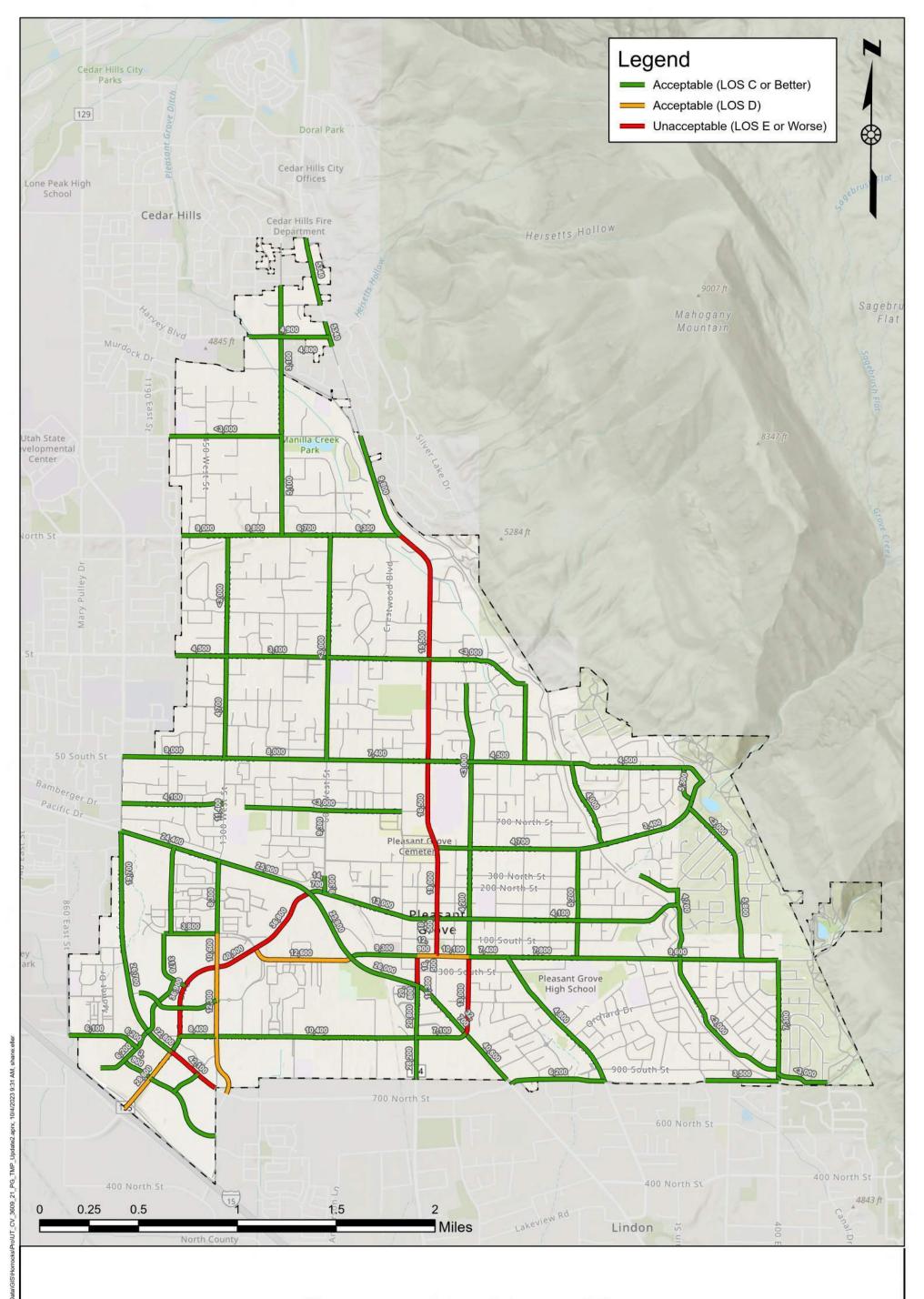
In addition to basic roadway widening concerns, various intersections are anticipated to operate poorly without proper improvements, including:

- 200 South & State Street
- 200 South & Pleasant Grove Blvd
- 200 South & 300 East
- 200 South & Murdock Drive
- 600 West & Center Street
- 1300 West & 1000 South
- 100 East & State Street
- 100 East & 1800 North
- Canyon Road & 2600 North
- Canyon Road & 4000 North
- 1100 North & 600 West

- 1100 North & 1300 West
- 1100 North & 2000 West
- 1800 North & 600 West
- 1800 North & 1300 West
- 2600 North & 600 West
- 2600 North & 900 West
- 2600 North & 1300 West
- 4000 North & 900 West
- Locust Drive & 1000 South
- Locust Drive & 200 South

BUILD CONDITIONS

The 2050 build scenario was developed while attempting to balance transportation needs with realistically available funding. Figure 7 outlines future improvements throughout the city. Figure 8 shows the anticipated traffic volumes and LOS for all implemented improvements. The next chapter outlines the details of these future improvements.





Transportation Master Plan

Figure 6: 2050 No-Build Level of Service with Traffic Volume



Updated 10/4/2023

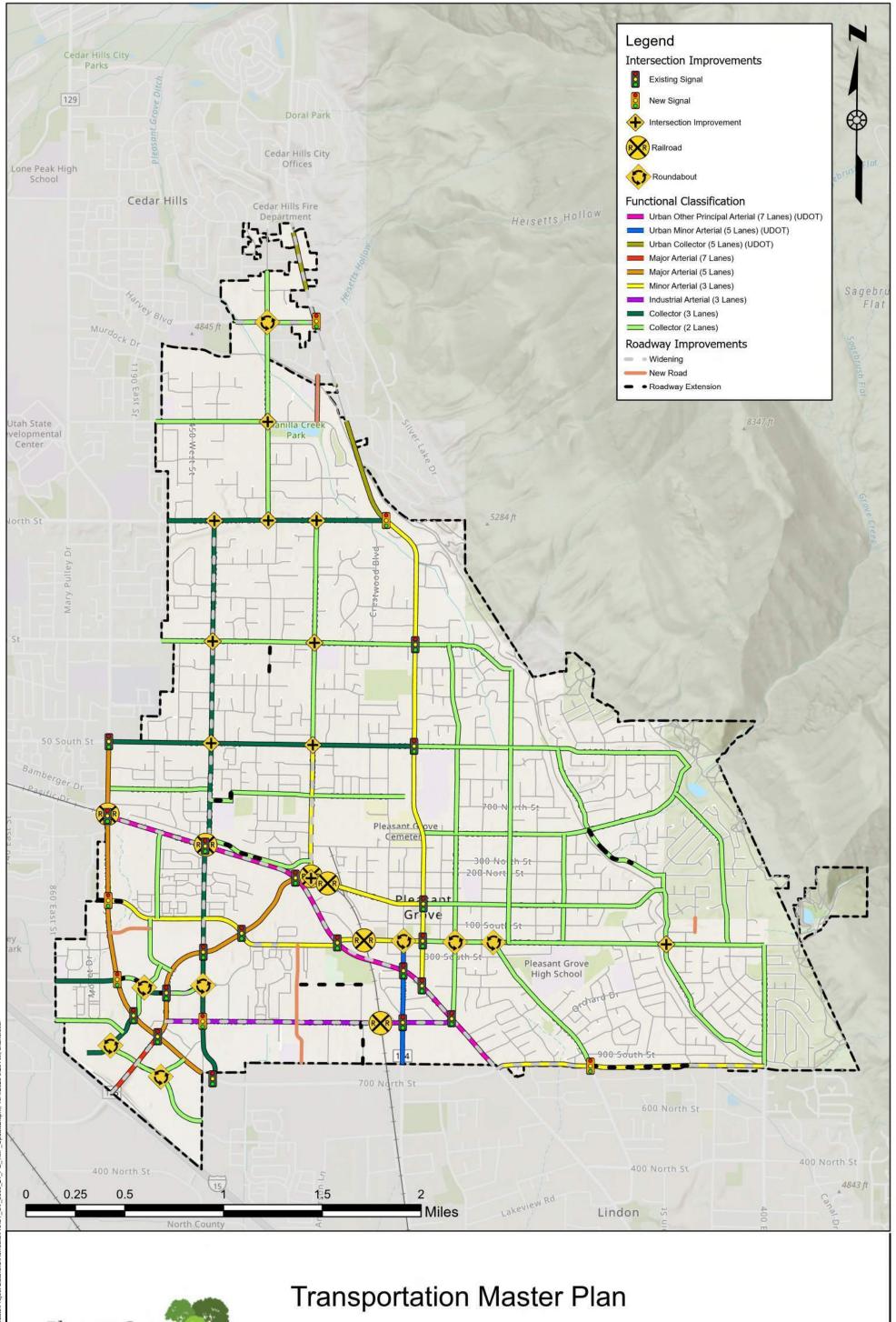
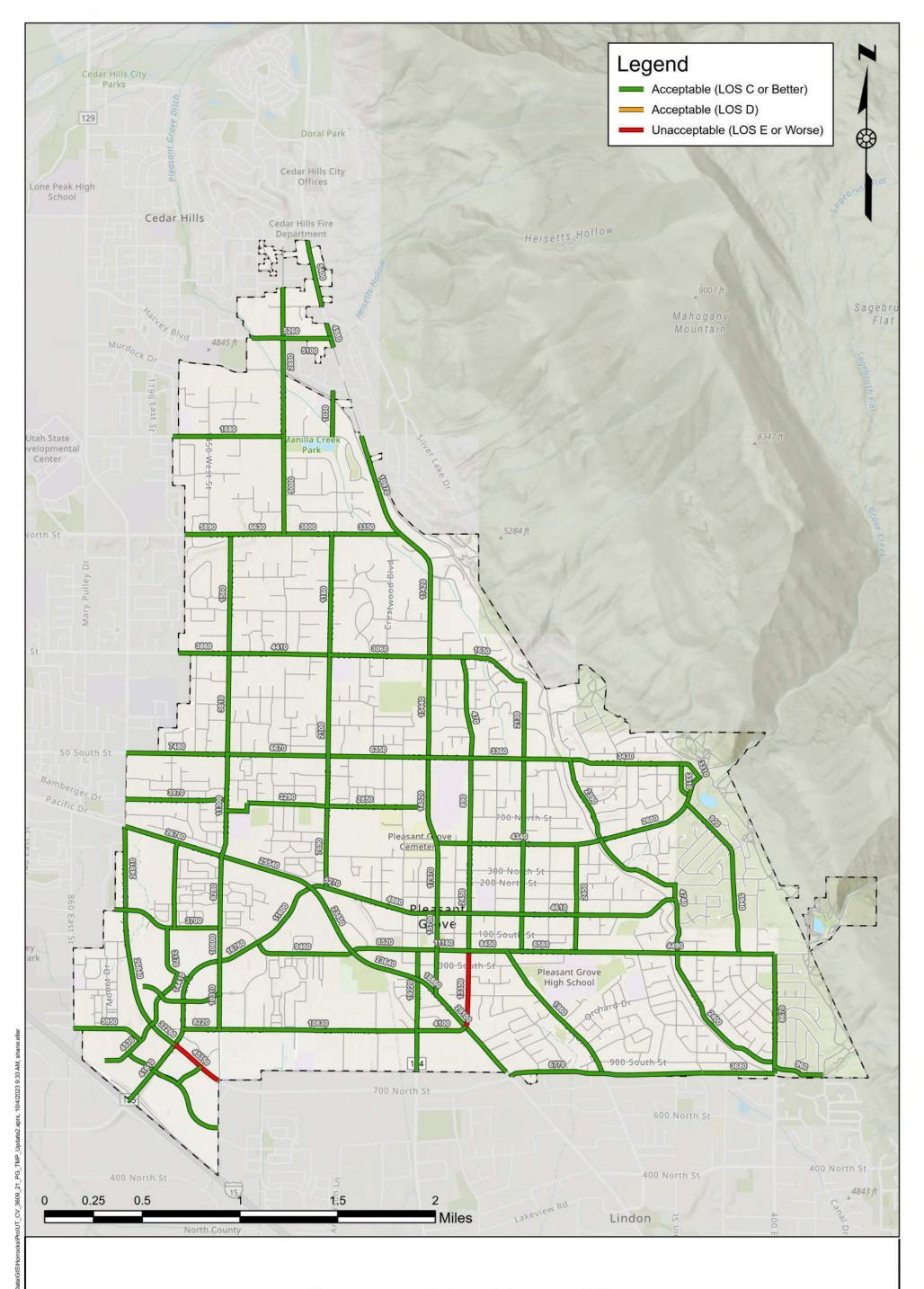




Figure 7: Roadway Master Plan







Transportation Master Plan

Figure 8: 2050 Build LOS with Volumes Map



5.0 Alternatives Evaluation and Guidelines

After evaluating the existing and future conditions, the following pages outline several guidelines to accommodate future traffic volumes and roadway conditions.

ROADWAY FUNCTIONAL CLASSIFICATION

Transportation planning allows for adequate transportation solutions and connectivity with the surrounding areas while identifying ways impacts can be kept to a minimum. The key to maintaining this balance exists in the ability to adequately plan for major corridors that minimize traffic in neighborhoods while at the same time coordinating land use and transportation plans to capitalize on the efficient movements of people and goods. A hierarchy of streets known as a Functional Classification of Streets is defined to accomplish this objective. The functional classification scheme coincides with the surrounding areas. The city has defined a functional classification system consisting of the following roadway classifications:

- Major Arterial (5 to 7 lanes 112' & 136' right of way)
- Minor Arterial (3 lanes 76' right of way)
- Industrial Arterial (3 lanes 76' right of way)
- Collector (2 to 3 lanes 70' right of way)
- Local Road (2 lanes 48' & 56' right of way)

Each of these roadway classifications has a specific purpose and function. For example, the primary purpose of an arterial street is to move traffic, accommodate longer trips, and serve higher-density retail and commercial land uses. Long continuous routes with high traffic volumes and speeds characterize arterial roadways. On the other hand, local roads are intended to provide local access to individual properties. Local roads are shorter in length with lower speeds and volumes. Collector roads provide a transition between arterials and local roadways by providing both access and traffic-moving capability. Collector-type facilities serve moderate traffic volumes and speeds.

Table 8 and Table 9 summarize some of the planning and design issues for each roadway classification, including right-of-way width, number of travel lanes, access control, traffic capacity, speed, trip length, and expected accident rate. In addition, the city designed typical cross-sections for each of the roadway classifications listed above. Figure 9 and Figure 10 illustrate these typical cross-sections. The typical cross-sections below are for reference only; use Pleasant Grove's standards and specifications for the design. Figure 11 shows the functional classification assigned to all main roadways in the city.

Table 8: Functional Classification Planning and Design

Functional Group	Right-of-Way Width	No. of Travel Lanes	Access Control	Traffic Capacity (vehicles per day)
Major Arterial	136 feet	7	Public Streets Only	< 64,000
Major Arterial	112 feet	5	Public Streets Only	< 42,000
Minor Arterial	76 feet	3	Encourage Public Streets Only	<17,800
Collector	70 feet	2	Control Driveway Spacing	<16,200
Local	56 feet	2	Varies	<2,000 (& varies)

Table 9: Functional Classification Operations

Functional Group	Speed (mph)	Typical Trip Length	Typical Accident Rate (Accidents per million vehicle miles)
Major Arterial	45+ (& varies)	3 to 15 miles	3
Minor Arterial	35 to 45 (& varies)	1 to 5 miles	6
Collector	25 to 40 (& varies)	<2 miles	8
Local	<25 (& varies)	<0.5 miles	Varies

At the intersections of many major and minor arterials, traffic volumes are expected to be high enough to potentially warrant additional turning lanes, such as exclusive right-turn or dual left-turn lanes. The city will require widening some localized intersections to accommodate these extra lanes. As City staff reviews traffic impact studies submitted by developers, attention to intersection operations surrounding the future development to determine the need for additional auxiliary lanes. In addition, the city will conduct a detailed intersection analysis of existing traffic operations during every major review of the City TMP once every two to three years.

The city may determine that exclusive bus turnout lanes are necessary for specific locations based on a case-by-case basis to preserve roadway capacity; additional widening for exclusive bus turnout lanes does not appear necessary. Unless otherwise specified by the city, bus maneuvers will primarily occur within the shoulder areas at designated bus stops.

Roadway designs need to provide adequate curb radii at intersections based on the specific roadway classifications of the intersecting roads. <u>Table 10</u> outlines appropriate turning radii for corresponding intersecting roadway classifications.

Table 10: Intersection Curb Radii Chart

Cuasa Stuast		Road ⁻	Types	
Cross Street	Major Arterial	Minor Arterial	Collector	Local
Major Arterial	35'	35'	35′	N/A
Minor Arterial	35'	35'	30'	N/A
Collector	35'	30'	30'	25'
Local	N/A	N/A	25′	25'

Figure 9: Typical Cross-Sections-Arterial Roads

MAJOR ARTERIAL (136' ROW) - 7 Lanes

MAY APPLY TO UDOT ROADWAYS

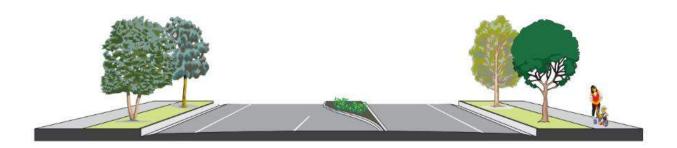


MAJOR ARTERIAL (112' ROW) - 5 Lanes

PLEASANT GROVE BLVD



MINOR ARTERIAL (76' ROW) - 3 Lanes



INDUSTRIAL ARTERIAL (76' ROW) - 3 Lanes

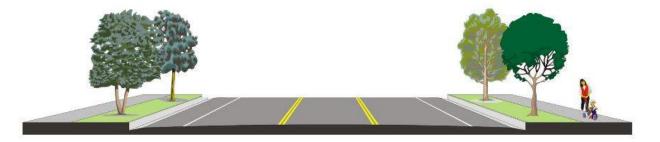


Figure 10: Typical Cross-Sections – Collectors & Local Roads

COLLECTOR (70' ROW) - 2 Lanes



COLLECTOR (70' ROW) - 3 Lanes



RESIDENTIAL LOCAL ROAD (56' ROW) - 2 Lanes



RESIDENTIAL SUB-LOCAL ROAD (48 & 56' ROW) - 2 Lanes



For construction, apply Pleasant Grove City standards.

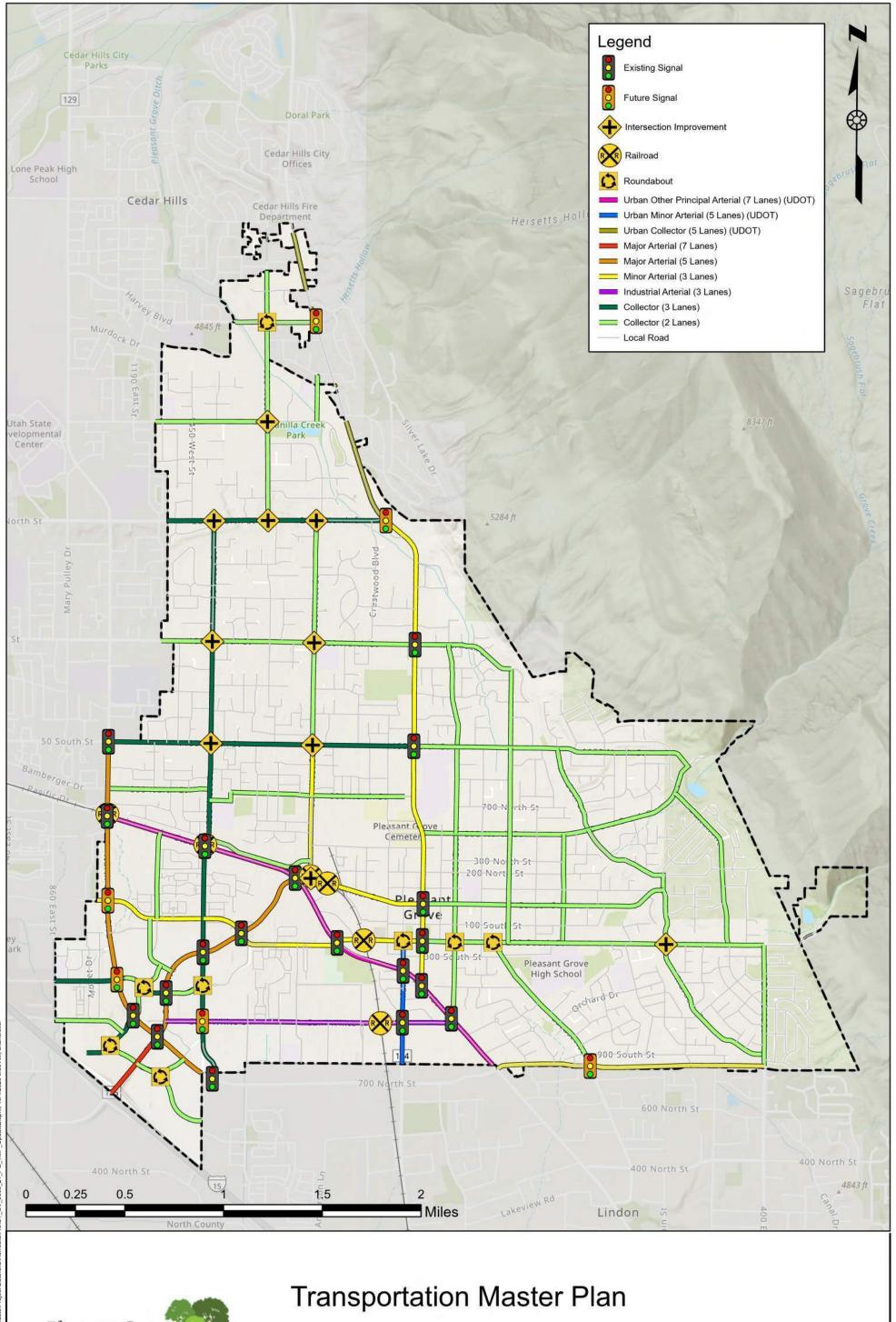




Figure 11: Future Functional Classification Map



Updated 10/4/2023

ALTERNATIVE TRANSPORTATION MODES

MASS TRANSIT

As Pleasant Grove City and the surrounding areas continue to grow, roadways will become more congested due to the increasing number of vehicles. To help alleviate some of the congestion and reduce the number of vehicles on the roadway system, alternative modes of transportation will become increasingly important.

The Utah Transit Authority (UTA) is the public transportation provider in Pleasant Grove. UTA operates fixed-route buses, express buses, bus rapid transit (BRT), ski buses, light rail, and commuter rail. In this capacity, UTA currently operates two bus routes in Pleasant Grove (807 & 850). As demand increases, Pleasant Grove and UTA have the responsibility to collaborate and develop transit plans that cater to alternative transportation options for residents.

As part of MAG's Trans Plan 50, a central light rail line is scheduled and unfunded for phase 2, which will travel from Provo to American Fork. Pleasant Grove and UTA will continue to plan for future transit needs. The following paragraphs outline several guidelines for increasing and improving alternative transportation modes in Pleasant Grove City.

UTA LOCAL/EXPRESS BUS SERVICE

Bus service helps provide a low-cost alternative travel mode for the public while benefiting communities. With the continued growth in Pleasant Grove, bus routes need to expand to meet the increasing demand for service. Currently, several different regional bus routes pass through Pleasant Grove. Figure 13 shows the new bus routes. The City and UTA need to coordinate to solidify these routes to provide optimum linkage between the commercial/industrial and residential areas in Pleasant Grove.

UTA has no specific plans to expand the local bus service. However, bus route planning is an ongoing process, and as the need arises, Pleasant Grove will seek to add more services. City planning officials have indicated that additional local bus service could be considered by UTA using the following routes: 100 East; the future 1000 South/1200 East (Lindon) Connection; Main Street/Geneva Road; 3300 North; and 900 West (North of 3300 North). Additionally, MAG has considered routes on 2000 West/700 North (Lindon)/1000 South, 500 East, 1100 North, 200 South, and State Street between Main Street and Pleasant Grove Blvd.

INTERCITY CONNECTOR

MAG's Regional Transportation Plan identifies the Intercity Connector as a Phase 1 project between 2009 and 2015; the project has a triangular shape north of University Parkway with an extension near the tip of the triangle. The extension runs from UTA's park-and-ride facility near the American Fork Main Street/I-15 Interchange to downtown Pleasant Grove. The eastern part of the triangle is at University Parkway and State Street in Orem. The western tip is at 1200 South and Geneva Road. The system runs south through Provo, using University Avenue and State Street, through Springville using Main Street, and through Spanish Fork using U.S. Hwy. 89. The Intercity Connector will provide an interface with the various FrontRunner stations in American Fork, Vineyard, and Orem.

BUS RAPID TRANSIT (BRT)

The Regional Transportation Plan (RTP) identifies the BRT as a Phase I project. The RTP identifies a Bus Rapid Transit (BRT) project between Provo and Orem. The termini for this project are 1200 South/Geneva Road in Orem and 100 West and approximately 1800 South in Provo. It will interface with the Intercity Connector on University Parkway and 1200 South in Orem and the FrontRunner commuter rail to the south in Provo.

LIGHT RAIL

A TRAX extension project from Lehi to Provo is in the planning phases, and the MAG Regional Transportation Plan is a Vision Project; this means it is unfunded and will not be implemented until sometime after 2030. The route would follow the rail line east of I-15 that UTA owns in Lehi, American Fork, Pleasant Grove, Lindon, and Vineyard. From Vineyard, the route is in the FrontRunner right-of-way. The TRAX line parallels and is adjacent to State Street in Pleasant Grove.

COMMUTER RAIL TRANSIT

FrontRunner commuter rail is currently under construction between downtown Salt Lake City and Provo (approximately 100 West/1800 South). The FrontRunner commuter rail is anticipated to be completed and operational sometime in the year 2013. Stations that are planned that are near Pleasant Grove (but not in Pleasant Grove) are American Fork and Vineyard.

INTERMODAL CENTER

There is a possibility of developing an intermodal center that would accommodate light rail, the Intercity Connector, and local/express bus in downtown Pleasant Grove at about 200 West and 200 South. Approximately one acre of vacant land is at this location (behind the post office) for a light rail station with some parking facilities. However, there has been some thought that this site may be too small and may need a larger site to accommodate the TRAX station, the Intercity Connector, the local/express bus, and a complement of parking. Coordination between the City and UTA will take place soon on this site.

BICYCLE AND PEDESTRIAN FACILITIES PLAN

Trails are a crucial element of the transportation system and improve the overall quality of life for the community. Trails throughout the City parallel roadways but may also follow canals, rivers, utility corridors, and natural drainage channels. Pedestrians, bicyclists, and equestrians (in rural areas) could share these routes. Figure 12 shows the location of the proposed projects. Table 11 outlines the proposed active transportation list. More information on the Pleasant Grove Bicycle and Pedestrian Master Plan (Adopted November 2013) can be found on the Pleasant Grove City website, Microsoft Word - PG Final Plan DRAFT-11-26-13.docx (plgrove.org).

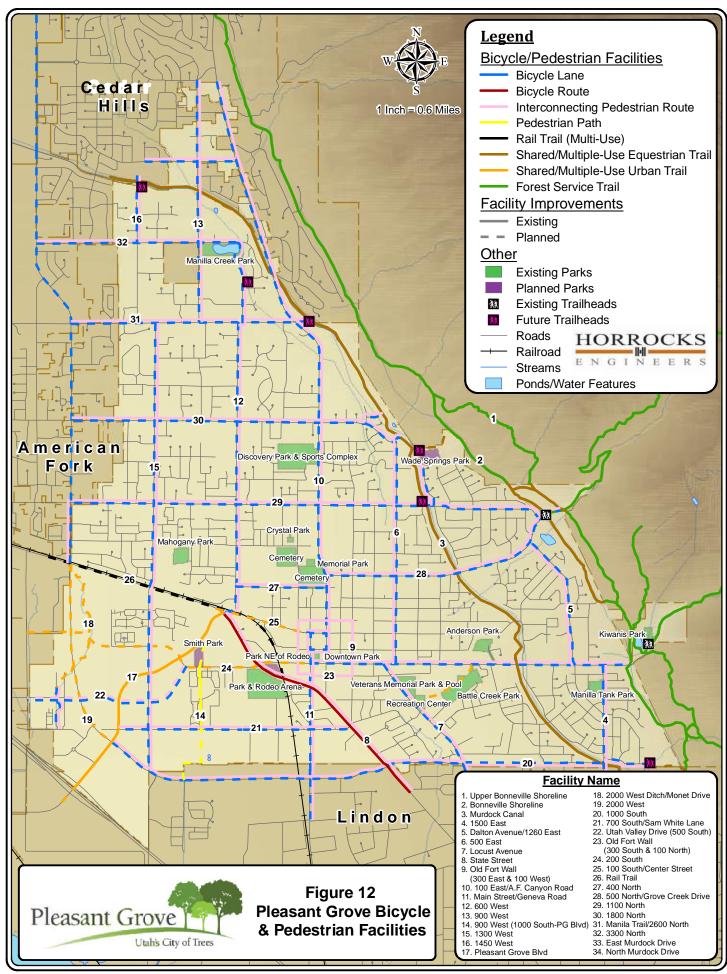
TRAIL PRIORITIES

The city has indicated that it will continue with its recreational trails priorities of the past plan, which are: Battle Creek Trailhead Park; Bonneville Shoreline Trail and Trailhead Parks (upper and lower); Wetlands in the Grove (connect trail systems in current developments and adjacent cities); bike paths (city-wide along existing collectors and some arterials); and Murdock Canal Trail.

Table 11: Trail Descriptions

Project Number	Name/Location
	Pleasant Grove Trails – North/South
1	Upper Bonneville Shoreline Trail – unimproved hiking, mountain bike, and equestrian trail
2	Bonneville Shoreline Trail – unimproved hiking/mountain bike trail (regional)
3	Murdock Canal Trail – multi-use trail (existing canal (regional) with equestrian)
4	1500 East – pedestrian route/bike lane
5	Dalton Ave/1260 East – pedestrian route/ bike lane
6	500 East – pedestrian route/bike lane
7	Locust Avenue – pedestrian route/bike lane
8	State Street – pedestrian route/bike route
9	Old Fort Wall (300 East to 100 West) – pedestrian route
10	100 East/A. F. Canyon Road Trail – pedestrian route/bike lane
11	Main Street/Geneva Road – pedestrian route/bike lane
12	600 West – pedestrian route/bike lane
13	900 West (2600 North to city limits) – pedestrian route/bike lane
14	900 West (1000 South to Pleasant Grove Boulevard) – pedestrian path
15	1300 West (city limits to 2600 North) – pedestrian route/bike lane
16	1450 West (2600 North to Murdoch Canal Road) – pedestrian route/bike lane
17	Pleasant Grove Boulevard – multi-use trail (regional)
18	2000 West Ditch Trail/Monet Drive – multi-use trail
19	2000 West Trail – multi-use trail (regional)
	Pleasant Grove Trails – East/West
20	1000 South – pedestrian route/bike lane (regional)
21	700 South (Sam White Lane) – pedestrian route/bike lane
22	Utah Valley Drive (500 South) – pedestrian route/bike lane
23	Old Fort Wall (300 South to 100 North) – pedestrian route
24	200 South (200 South/220 South/100 South) – pedestrian route/bike lane
25	100 South/Center Street – pedestrian route/bike lane
26	Rail Trail – UTA rail right-of-way next to State Street(regional) multi-use
27	400 North – pedestrian route/bike lane
28	500 North/Grove Creek Drive – pedestrian route/bike lane
29	1100 North – pedestrian route/bike lane
30	1800 North – pedestrian route/bike lane
31	2600 North – pedestrian route/bike lane
32	3300 North – pedestrian route/bike lane

From the 2009 TMP Document





BICYCLE AND PEDESTRIAN IMPROVEMENTS

There are several observations about bicycle and pedestrian transportation during the development of this TMP. Consequently, the city will seek to:

- Install painted bike Lanes 4 to 5 feet wide next to the general-purpose lane.
- Construct multi-use trails 10 to 12 feet wide, when possible, if there is enough room.
- Separate equestrian facilities from bike/pedestrian facilities, but both can be within the same corridor.
- Provide connection between parks/schools and bike/pedestrian facilities.
- Connect mass transit facilities with bike/pedestrian facilities.
- Join sidewalks where gaps exist, particularly on busy, high-speed roads and roads designated as pedestrian routes.
- Develop priorities for providing sidewalks on streets where gaps exist throughout the city.
- Coordinate and interconnect trails with adjacent cities (Lindon, American Fork, Highland, and Cedar Hills), the County, and the Forest Service.
- Avoid placing bicycle facilities on high-speed and busy roads.
- Conduct planning/engineering studies to locate, design, and acquire ROW for the trails concerning bike, pedestrian, and other trail facilities.
- Make plans to implement the "Trails" Plan (include the facilities in various street projects, as it is harder to retrofit facilities).
- Develop multi-use trails in the urban environment.
- Maintain street pavement in good condition and pave roadway shoulders with bike lanes.
- Coordinate with UDOT relative to pedestrian and bike facilities on state roads (i.e., State Street, Geneva Road, 100 East, etc.)
- Execute and finalize an agreement with the Murdock Canal Company as soon as possible to
 formally make available the canal road as a trail to the public. The Canal Company is committed
 to piping or covering the canal, and the city has indicated a desire to pave a trail of fifteen feet or
 more over the top within the next three years. The Canal Company expects to start work during
 the summer of 2009. A planned multi-use trail with an equestrian facility is within this corridor.
- Note the State of Utah permits bicycles on all Utah roads except for access-controlled freeways. The designation of certain roads as Class II (bike lane) or Class III (bike route) facilities does not imply that these are the only roadways intended for bicycle use. The designation of a Class II and III network of on-street bikeways recognizes that certain roadways are optimal bicycle routes because of directness or access to significant destinations.

NEW TRAILS

After evaluating the existing bicycle and pedestrian facilities, the southeastern quadrant and other miscellaneous city locations could use some facilities to make the bicycle/pedestrian facilities network a complete system and interconnect them with other planned facilities. The list below reflects the planned additions to the network:

- 1300 East/Dalton Drive (200 South-Grove Creek Drive)
- Grove Creek Drive (100 East-1100 North, approximately 1050 East)
- 500 East (200 South-Murdock Drive)
- 400 North (100 East-600 West)
- State Street (south of Pleasant Grove Boulevard)
- 700 South (1300 West-Pleasant Grove Blvd.)

INTER-JURISDICTION COORDINATION

During the evaluation of the existing and planned bicycle/pedestrian facilities, several facilities in the City's plan did not connect with facilities in neighboring authorities and ended. Coordination between Pleasant Grove and the adjacent authorities to make it possible for the bicycle/pedestrian facilities to be continuous across city boundaries.

The following Pleasant Grove bicycle and pedestrian facilities do not connect with a comparable counterpart in one of the neighboring cities:

Bike/Pedestrian Facilities that do not connect with Lindon City's Facilities

- 1500 East
- Locust Avenue
- Main Street (PG)/Geneva Road (Lindon)

Bike/Pedestrian Facilities that do not connect with American Fork City's Facilities

- 700 South/Sam White Lane Trail
- "220 South" Trail
- 1100 North Trail
- 1800 North Trail
- 2600 North Trail

Bike/Pedestrian Facilities that do not connect with Highland City's Facilities

• 3300 North Trail

Bike/Pedestrian Facilities that do not connect with Cedar Hills City's Facilities

- American Fork Canyon Trail
- 900 West Trail

DEFINITIONS OF BICYCLE AND PEDESTRIAN FACILITIES

To assist the city in planning and discussing bicycle and pedestrian facilities, and have an understanding of these facilities, some definitions of these facilities are below:

- **Bike Lane**: A portion of a designated roadway for the preferential or exclusive use of bicyclists by striping, signing, and pavement markings.
- **Bikeway or Bike Route**: A generic term for any road, street, path, or travel way, which in some manner is specifically designated for bicycle travel, regardless of whether such designated facilities are for the exclusive use of bicycles or shared with other transportation modes.
- Bicycle Route system: A system of bikeways designated by the authority having authority with
 appropriate directional and information route markers, with or without specific bicycle route
 numbers. Bike routes establish a continuous routing but may be a combination of any bikeways.
- **Rail-Trail**: A shared use path, either paved or unpaved, built within the right-of-way of an existing or former railroad.
- Roadway: The portion of the highway, including shoulders, intended for vehicular use.
- **Shared Roadway**: A roadway without a bikeway designation that allows bicycle and motor vehicle travel and may have wide curb lanes or paved shoulders.
- Shared or Multiple Use Path or Trail: A pathway that is physically separated from motorized vehicular traffic by open space or a barrier and which is either within the highway right-of-way or

within an independent right-of-way that is open for use by bicyclists, pedestrians, skaters, wheelchair users, joggers, and other non-motorized users.

- Signed Shared Roadway: A roadway identified as a preferred bike route by signing.
- **Shoulder**: The portion of the roadway (paved or unpaved) contiguous with the traveled way for accommodation of bicycle travel, stopped vehicles, emergency use, and for lateral support of subbase, base, and surface courses.
- **Sidewalk**: The portion of a street or highway right-of-way designed for preferential or exclusive use by pedestrians.

REFERENCES FOR BICYCLE AND PEDESTRIAN FACILITIES

The city will obtain and use the following references for planning and designing bicycle and pedestrian facilities:

- AASHTO Guide for the Development of Bicycle Facilities, 1999
- UDOT's Guide for Bicycle and Pedestrian Accommodations
- Portland Pedestrian Design Guide, June 1998
- City of Portland, Office Transportation, Bicycle Master Plan, July 8, 1998
- Victoria Transport Policy Institute, Pedestrian and Bicycle Planning: A Guide to Best Practices, April 2006
- Pleasant Grove Bicycle and Pedestrian Master Plan

SIGNAL INVENTORY

<u>Figure 14</u> shows the location of the existing and future traffic signals. All the intersection improvements are based on future traffic projections. Future traffic signals or roundabouts will require a detailed traffic study documenting the need for such intersection improvements. All future signal locations shown in <u>Figure 14</u> are pending; the future signal locations meet the signal warrants outlined in the MUTCD.

One signal is expected at the realignment of Center Street and 600 West. Because this signal is near the existing traffic signal at State Street and Pleasant Grove Boulevard, the two will require coordinated timing. Three other future traffic signals fall on 2000 West, one on 700 North, and two on 100 East. The city will consider roundabouts as a viable alternative at main intersections in place of or where traffic signals are not warranted.

SAFETY

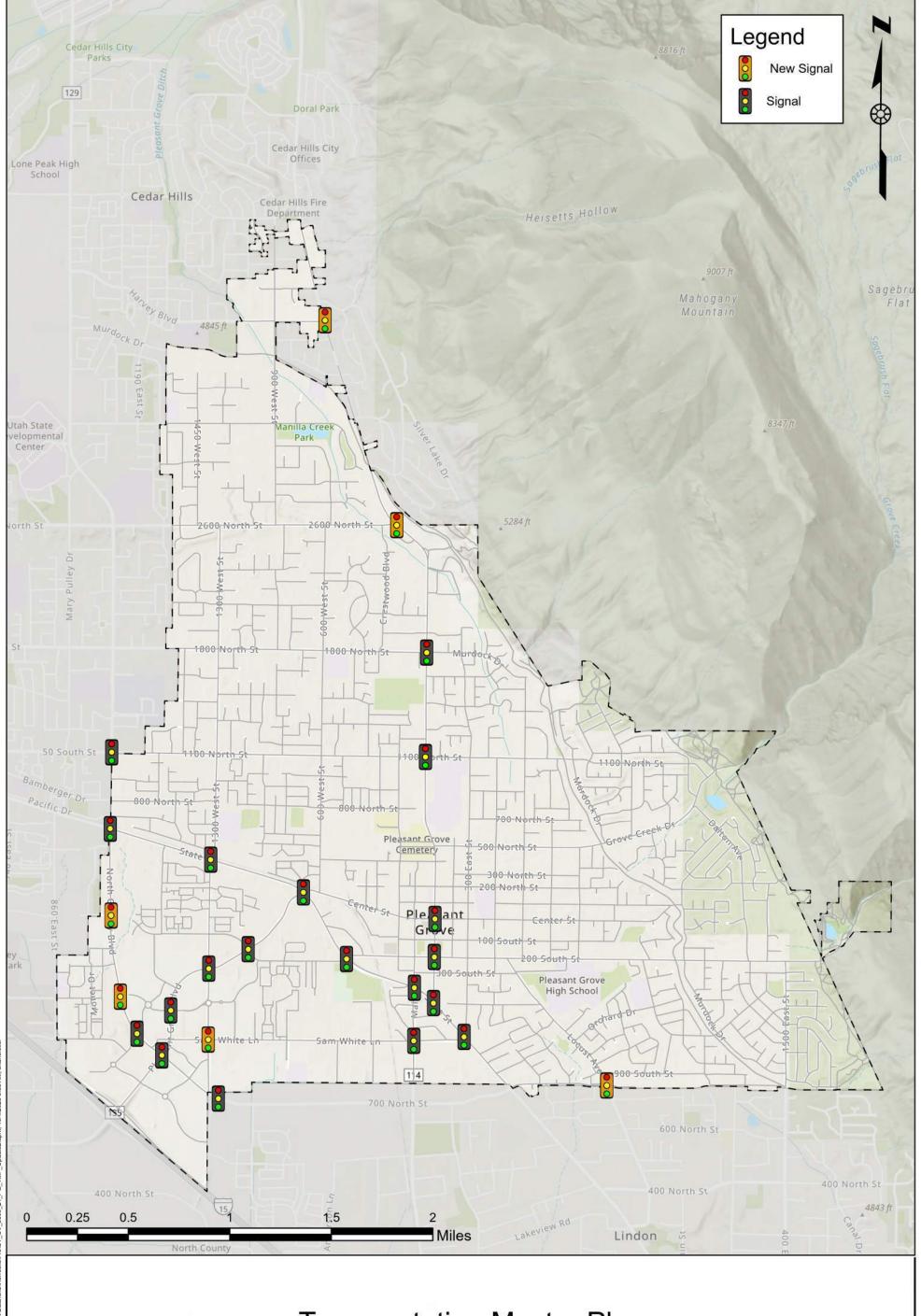
One of the main goals of the TMP and long-term transportation planning is to envision traffic growth and provide adequate facilities as the need arises. Another goal of equal importance is constructing these future facilities for safe operations. The City will build and maintain these facilities to design and engineering standards from the Pleasant Grove ordinances, the American Association of State Highway Transportation Officials (AASHTO) "Policy on Geometric Design of Highways and Streets," the Manual on Uniform Traffic Control Devices (MUTCD), and the Americans with Disabilities Act (ADA) standards and school zone treatments.

DRIVEWAYS

One safety item that deserves attention is the interaction of driveways on collector and arterial streets. Where accesses do exist on these roadways, the City will require that sufficient space be provided to allow vehicles to turn around on site so that they always exit the driveway facing the street. For example, private residences ought to have circular type driveways to safely enter and exit the driveway with ease. Backing maneuvers into busy streets is dangerous as this is not the typical action drivers expect. Where on-street parking is permitted on busy streets, the city will require that parking stalls be parallel as opposed to perpendicular to traffic to avoid dangerous backing maneuvers into oncoming traffic.

OFFSET INTERSECTIONS

Offset intersections often have negative impacts on traffic flow and can potentially create capacity problems at intersections where the left turn storage areas overlap, forcing queued vehicles into traffic lanes. Aligning access on both sides of the street will minimize conflict points in the roadway and provide safer and more efficient traffic flow.





Transportation Master Plan

Figure 14: Signal Inventory



Updated 10/4/2023

INTERSECTION TRAFFIC CONTROLS

Stop signs and traffic signals should not be used when not warranted. Studies have shown that in areas where these forms of control have been installed but are not warranted, the motoring public will disregard the control measures and right-of-way assignments at that location. This disregard for traffic control devices creates hazardous locations and a general disregard for other traffic control measures in the area.

Stop Sign Warrants

The city will use the MUTCD as the standard for determining how and when a stop sign is installed. As stated in the MUTCD, "Stop signs should be used if engineering judgment indicates that one or more of the following conditions exist:

- Intersection of a less important road with a main road where the application of the normal right-of-way rule would not be expected to provide reasonable compliance with the law.
- Street entering a through highway or street.
- Unsignalized intersection in a signalized area; and
- High speeds, restricted view, or crash records indicate a need for control by the stop sign."

The City will minimize the number of vehicles required to stop, if possible, to preserve the capacity and functionality of the roadway network; therefore, the City will determine which road to stop by verifying the street carrying the lowest traffic volume. Less restrictive traffic control, such as a yield sign, will be used as an alternative to a stop sign, if possible, to minimize delays. The city will also install yield signs in compliance with the MUTCD guidelines. Stop signs should not be used to control speed but to designate right-of-way at intersecting roadways. Multi-way stop control may be used as a safety measure at intersections where the traffic volume is equal for all approaches and where safety is of concern or as an interim measure where a traffic signal is justified and has yet to be installed. City Staff will use engineering judgment and the guidelines outlined in the MUTCD to determine the appropriate application of stop and yield signs.

Traffic Signal Warrants

The city will not install traffic signals unless at least one or more of the eight traffic signal warrants (as outlined in the MUTCD) have been met. Even if warrants are met for a particular intersection, City Staff will need to base the decision for installing a traffic signal based on information obtained through engineering studies and comparisons with the requirements outlined in the MUTCD. As stated in the MUTCD, "the satisfaction of a traffic signal warrant or warrants shall not in itself require the installation of a traffic control signal." The eight warrants outlined in the MUTCD include the following:

- Warrant 1: Eight-Hour Vehicular Volume
- Warrant 2: Four-Hour Vehicular Volume
- Warrant 3: Peak Hour
- Warrant 4: Pedestrian Volume
- Warrant 5: School Crossing
- Warrant 6: Coordinated Signal System
- Warrant 7: Crash Experience
- Warrant 8: Roadway Network

Roundabouts

Many communities in the United States are beginning to embrace the concept of roundabouts. A roundabout is an intersection control measure used successfully in Europe and Australia for many years. A roundabout is a circular-raised-center island with deflecting islands on the intersecting streets to direct traffic movement around the circle. Traffic circulates counterclockwise direction, making right turns onto the intersecting streets. There are no traffic signals but entering traffic yields vehicles already in the roundabout.

Advantages of roundabouts include reduced traffic delays, increased safety, and reduced right-of-way requirements. They can reduce delays compared to a signalized intersection due to eliminating the stop phase. At the same time, roundabouts can improve safety because the number of potential impact points and conflict points the driver must monitor are both reduced over a conventional four-way intersection. Professionally designed roundabouts can accommodate emergency vehicles, trucks, and snow-plowing equipment.

Unlike the typical New England "traffic circle" or "rotary," design standards for roundabouts are extremely specific, and the Federal Highway Administration (FHWA) has prepared a design guide for modern roundabouts in the United States. Development of a roundabout will only occur because of an intersection study performed by a qualified Traffic Engineer and when the minimum capacity and design criteria are met. The FHWA has determined that the maximum flow rate that a roundabout can accommodate depends on the geometric elements (circle diameter, number of lanes, etc.), the circulating flow (vehicles going around the circle), and entry flow (vehicles entering the roundabout). A single-lane roundabout can accommodate up to 1,800 vehicles per hour, and a double-lane roundabout can accommodate up to 3,400 vehicles per hour. Figure 15 shows an example of a typical single-lane roundabout design.

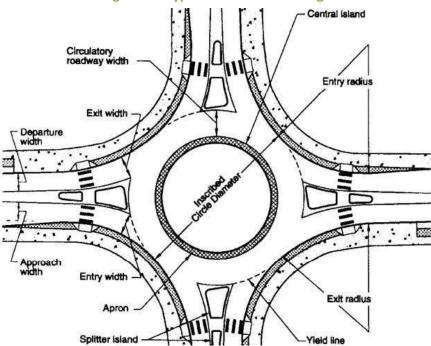


Figure 15: Typical Roundabout Design

The National Transportation Research Board examined traffic delays before and after roundabouts were installed at eight intersections in the United States. The study determined that delays (the time spent stopped and moving up to the intersection) decreased on average by 78 percent and 76 percent during the AM Peak Hour and PM Peak Hour, respectively. The results indicate that roundabouts can reduce congestion in certain circumstances. In addition, the FHWA studied the safety characteristics of a sample of eleven roundabouts in the United States. The agency determined that the number of personal injury accidents and property damage-only accidents decreased by 51 percent and 29 percent, respectively, after roundabouts replaced conventional intersections. Roundabouts are an appropriate solution for certain problem intersections in the region. Figure 7 shows the potential future roundabout locations. The city will build roundabouts at these locations pending, more detailed traffic analysis as the need arises.

TRAFFIC CALMING

Street patterns are typically developed in response to the community's desires at construction time. In Utah, the history of using a grid system of large blocks and wide roads for planning and development purposes started long ago and has proven efficient for moving people and goods throughout a network of surface streets. However, the nature of a grid system with wide and long, straight roads can result in excessive speeds. For that reason, the city will implement traffic calming measures (TCMs) where appropriate speed reduction on residential roadways. The Institute of Transportation Engineers (ITE) has established a definition for traffic calming that reads: "Traffic calming is the combination of mainly physical measures that reduce the negative effects of motor vehicle use, alter driver behavior, and improve conditions for non-motorized street users." Altering driver behavior includes lowering speeds, reducing aggressive driving, and increasing respect for non-motorized street users.

TYPES OF TRAFFIC CALMING MEASURES

There are several types of TCM grouped into three categories depending on the level of control or effect on traffic flow and speeds. Category One measures are the least restrictive, while Category Three is the most dramatic. These categories are outlined in further detail below. Several factors can influence the choice of TCMs, including the location, street classification, street geometry, adjacent land uses, public transit needs, budget, climate, aesthetics, and community preferences.

Category One – Traffic Control Devices

Traffic control devices consist of signs, signals, and pavement markings to regulate, warn, guide, and provide information to drivers. Examples include regulator signs (i.e., speed limit signs), warning signs (i.e., pedestrian warning signs), traffic signals, etc. Often traffic control devices are overused as TCMs. Though the function of traffic calming devices is often like that of TCMs, specific traffic control devices should not be overused to communicate different purposes. One of the primary purposes of traffic control devices is to inform drivers of traffic laws and specific right-of-ways to maintain order and safety. Overuse of such traffic control devices diminishes their intended purpose. For example, the MUTCD states that "stop signs should not be used for speed control." When used following the guidelines outlined in the MUTCD, traffic control devices can assist as part of roadway/intersection designs to calm traffic where necessary.

Category Two - Street Modification

Street modification TCMs include actions that physically alter the vertical or horizontal alignment of the roadway. Vertical changes include speed humps, speed tables, raised intersections, etc. Horizontal changes include chicanes and lateral shifts. Other street modifications TCMs include constrictions (i.e., narrowing, pinch points, islands, chokers, etc.), narrow pavement widths (i.e., medians, edge treatments, bulb-outs, etc.), entrance features, roundabouts, small corner radii, street closures, and streetscaping (i.e., surface textures and colors, landscaping, street trees, street furniture, etc.).

Category Three – Route Modification

Route modifications consist of altering available routes of traffic flow. Examples include one-way streets, diverters, closures, and turn prohibitions. Instead of attempting to change drivers' behavior (Categories One and Two), route modification TCM attempts to alter drivers' routes altogether.

STREETSCAPING

Streetscaping includes the planning and placement of items such as street furniture, lighting, art, trees, landscaping, and side treatments along streets and intersections. Although a city can implement streetscaping without traffic calming, TCMs need a certain element of streetscaping to be functional. Streetscaping softens the appearance of speed humps or tables and enhances the aesthetics of roundabouts and other constrictions. Landscaping and other roadside treatments make street closures more effective and safer by highlighting the presence of the measure.

OTHER CONSIDERATIONS

An important consideration for TCMs is spacing. If TCMs are too far apart (greater than 600 to 1000 feet), speeding can occur between the measures. TCMs need spacing of 200 to 300 feet apart, so vehicles will not have sufficient distance to accelerate between measures. Other considerations when deciding which TCMs to install include snow removal maintenance and emergency vehicle access. Some TCMs, for example, speed humps or tables, may decrease the efficiency of snow removal and emergency vehicle access.

INSTALLATION OF TRAFFIC CALMING MEASURES

The city will base its decision to implement TCMs on the engineering merits of a TCM application, as opposed to the results of a TCM popularity contest between neighborhoods. An engineering study documenting the need for such measures and the nature of the traffic problem via speed and volume measurements will be the determining factor.

The city will then determine if any TCMs can solve the problem and match the terrain, climate, and nature of the street in question. Based on the need and the available tools, the city will temporarily implement one or several measures subject to performance evaluations and neighborhood reviews. The city will compare the before and after results for speed and volume changes to see if the TCMs have performed as expected before implementing these improvements permanently.

To make any TCMs effective, traffic calming must be community-based and as widespread as possible. For example, the repercussions of traffic calming on one street can result in higher speeds on adjacent roads due to a shift in travel patterns. The need for a community-based traffic calming plan is fundamental to

the quality of life for the citizens of the community. The City will produce a more detailed and formal traffic calming plan as needs arise to address appropriate applications, obtain warrants for the installation of different TCMs, and outline suitable installation procedures of different TCMs more specifically.

As Pleasant Grove City develops a traffic-calming plan and implements TCMs, it will consult the latest engineering information to ensure the plan contains the latest and best guidelines. ITE is the definitive resource on traffic-calming issues and produces a significant amount of literature on the subject. A complete discussion on the latest TCMs and related issues is at http://www.ite.org/traffic/index.asp.

ACCESS MANAGEMENT

Access management deals with coordinating the location, number, spacing, and design of access points to minimize site access conflicts and maximize traffic capacity and roadway safety. Uncoordinated growth along main travel corridors often results in strip development and the proliferation of access points. In many instances, each development along the corridor has its access driveway. Numerous access points along main travel corridors create unnecessary conflicts between turning and through traffic which causes delays and accidents. Numerous derived benefits are from controlling the location and number of access points to a roadway. Those benefits include:

- Improving overall roadway safety
- Reducing the total number of vehicle trips
- Decreasing interruptions in traffic flow
- Minimizing traffic delays and congestion
- Maintaining roadway capacity
- Extending the useful life of roads
- Avoiding costly highway projects
- Improving air quality
- Encouraging compact development patterns
- Improving access to adjacent land uses
- Enhancing pedestrian and bicycle facilities

Guidelines regarding access management throughout Pleasant Grove are referenced in the Appendix.

CORRIDOR PRESERVATION

Corridor preservation is a tool for transportation planning tool that agencies should use and apply to all future transportation corridors. This plan identifies several new transportation facilities. The city will use corridor preservation techniques when planning for these future facilities. The purposes of corridor preservation are to:

- Preserve the viability of future options,
- Reduce the cost of these options, and
- Minimize environmental and socio-economic impacts of future implementation.

Corridor Preservation seeks to preserve the right-of-way needed for future transportation facilities and prevent development that might be incompatible with these facilities. This is primarily accomplished by the community's ability to apply land use controls such as zoning and development approvals. Adoption of the TMP by Pleasant Grove City is a commitment to citizens and future leaders in the community that the identified future corridors will be the ultimate location for transportation facilities.

The main elements of corridor preservation are ensuring that the preserved corridors are in the correct location and meet the applicable design and right-of-way standards for the type of facility. As the master plan does not define the exact alignment of each future corridor, it becomes the City's responsibility to make sure that the preserved corridors are correct. This will have to be accomplished through the engineering and planning reviews done within the City as development and annexation requests are approved that involve properties within or adjacent to the future corridors.

CORRIDOR PRESERVATION TECHNIQUES

Some examples of specific corridor preservation techniques that may be most beneficial and easily implemented include the following:

- <u>Developer Incentives and Agreements:</u> Public agencies can offer incentives like tax abatements, density credits, or timely site plan approvals to developers who maintain property within planned transportation corridors in an undeveloped state.
- <u>Exactions:</u> As development proposals are submitted to the city for review, efforts can be made to exact land identified within the future corridors. Exactions are like impact fees; except they pay with land rather than cash.
- <u>Fee Simple Acquisitions:</u> This will consist of hardship purchases or city acquisition of property identified within the corridors. Parcels obtained in fee title can later be sold at market value to the owner of the transportation facility when construction begins.
- <u>Transfer of Development Rights and Density Transfers:</u> Government entities can provide developers and landowners incentives to participate in corridor preservation programs using the transfer of development rights and density transfers. This is a powerful tool in that there seldom is any capital cost to local governments.
- <u>Land Use Controls:</u> This method allows government entities to use police power to regulate the intensity and types of land use. Zoning ordinances are the primary control over land use and the most important land use tools available in corridor preservation programs.
- <u>Purchase of Options and Easements:</u> Options and easements allow government agencies to purchase interests in property within highway corridors without obtaining the full title of the land. Usually, easements are far less expensive than fee title acquisitions.

TRAFFIC IMPACT STUDIES

As growth occurs, the city needs to evaluate the impacts of future developments on the surrounding transportation networks before approving to build. To accomplish this, a required Traffic Impact Study (TIS) will need to be performed for any development that will generate more than one hundred peak-hour trips. Table 1 gives examples of different land uses that generate more than one hundred peak-hour trips. A TIS will allow the City to determine the site-specific impacts of development, including internal site circulation, access issues, and adjacent roadway and intersection impacts. In addition, a TIS will assist in defining impacts on the overall transportation system in the vicinity of the development. The area and

items to be evaluated in a TIS include key intersections and roads as determined by the City Engineer on a case-by-case basis. Other items that need to be included in a TIS include:

- A description of the project site and study area boundaries, including a site plan and study area map showing the future project access locations and connections to the adjacent road network.
- A description of existing and planned land uses within the study area, including a discussion of the project land use.
- A description of existing and future main roadways and intersections in the study area, including lane configurations and traffic controls.
- A discussion of trip generation, distribution, and assignment methodologies and assumptions.
- A level of service (LOS) and capacity analysis of existing traffic levels and conditions for key roadway segments and intersections.
- A LOS and capacity analysis of background traffic levels and conditions (existing traffic plus
 additional traffic projected from normal growth rates and from other known developments in the
 study area at the time of completion) for main roadway segments and intersections.
- A LOS and capacity analysis of background plus project traffic levels and conditions (background traffic plus projected traffic associated with the new project) for key roadway segments and intersections.
- Safety analysis for key roadways and intersections, including applicable accident histories.
- Any applicable yield sign, stop sign, multi-way stop-signs, and traffic signal warrant analyses.
- A determination of the street system's ability to accommodate projected traffic levels.
- Identification of impacts to the existing street system because of the project.
- A discussion of improvements to be implemented as part of the project to accommodate project traffic, such as roadway and intersection widening to provide exclusive turn lanes or modifications to traffic controls.
- A discussion of mitigation measures to be implemented to restore or improve traffic operations to an acceptable LOS on any key roadway segments or at main intersections within the study area.

A qualified Traffic Engineer, chosen by the city at the developer's cost, will conduct each TIS. The City Engineer will determine the scope of each TIS review its contents once complete and provide comments. Upon receiving approval from the City Engineer, the TIS requirement related to the development will be satisfied. If a developer feels that their project does not meet the TIS requirements, the developer will need to provide documentation stating their case for the City Engineer review.

A TIS may be required for developments that do not meet the trip generation threshold (≥ 100 peak-hour trips) if there are unique or controversial issues associated with the project that the City feels need to be addressed. These projects will be identified and evaluated on a case-by-case basis.

AGENCY COORDINATION

Many of the roads in Pleasant Grove City are owned by or connected to roads owned by other agencies such as UDOT, neighboring cities, and Utah County. A close working relationship needs to be maintained between these different authorities and the city to ensure that roadway projects are coordinated and consistent.

IMPACT FEES

Impact fees are a way for a community to obtain funds to assist in the construction of needed infrastructure improvements to serve new growth. The premise behind impact fees is that if new development were not allowed, the existing infrastructure would adequately serve the existing level of development in the city. Therefore, new development should pay for improvements required because of new growth. Impact fees are assessed for many types of infrastructure and facilities provided by a community, such as roads, sewer, water, parks, and trails. According to state law, Pleasant Grove cannot use impact fees to correct existing deficiencies in a system, only to fund growth-related capital improvements.

There are many ways to quantify the impact of new growth on the transportation system in Pleasant Grove City. One way to assess the traffic impact is to consider all the needed transportation improvements and eliminate the cost of those necessary improvements to correct existing deficiencies. Another way to determine the traffic impacts from new growth is to estimate the total traffic growth on each road due to new development, and then apply this percentage to the total improvement cost, thus identifying the cost of the eligible improvements for funding through impact fees. The city can use the TMP improvements to identify growth-related improvements and form the basis for a comprehensive impact fee program.

PUBLIC INVOLVEMENT PROCESS

Public involvement is key to producing an effective and worthwhile transportation master plan for the City to implement and follow. Collecting and responding to public input allows City staff and decision-makers to consider all the issues and address them appropriately. An intensive effort was put forth to collect public comment regarding this update of the City's transportation master plan, including the following actions:

- Post a draft of the transportation master plan document on the City's website for anyone to download and review.
- Held a public open house on Wednesday, May 13th, 2009.
- Approximately eighty residents signed in at the open house, of which some included couples; as
 a result, the project team estimated that upwards of one hundred people attended the open
 house.
- Advertised the public open house by placing announcements on utility bills and the City's newsletter, posting details on the City's website, and mailing individual postcard invitations to any property owners whose property lay within two hundred feet of a planned roadway widening or new roadway alignment (over 1,300 postcards).
- Provided a comment form at the public open house for residents to communicate their concerns and approval of specific elements of the new plan.
- Presented a progress report of the Transportation Master Plan update process at both City Council and Planning Commission Meetings on May 26th and May 28th, respectively.
- Held a final public hearing on June 23rd, 2009, at a joint session of the City Council and Planning Commission.

Public involvement has proven to be a critical element of the transportation planning process. Details of the public involvement effort for this update of the City's TMP are in the appendix of this report. Lastly, as the city updates this plan in the future, the city will collect and consider public input as this plan evolves.

ACCESS MANAGEMENT

Access management is a term that refers to providing and managing access to land development while maintaining traffic flow and being attentive to safety issues. It includes elements such as driveway spacing, signal spacing, and corner clearance. Access management is a key element in transportation planning, helping to make transportation corridors operate more efficiently and carry more traffic without costly road widening projects, Access management offers local governments a systematic approach to decision-making applying principles uniformly, equitably, and consistently throughout the area.

An access management program must address the balance between access and mobility. While the functional classification of roads implies the priority of access versus mobility, access management does much the same thing. Freeway moves vehicles over long distances at high speeds with very controlled access and great mobility. Conversely, residential streets offer high levels of access but at low speeds and with little mobility. Access management standards must account for these distinct functions of various facilities. The following gives the principles of access management and the full access management standards are in Appendix C:

PRINCIPLES OF ACCESS MANAGEMENT

Constantly growing traffic congestion concerns over traffic safety and the ever-increasing cost of upgrading roads have generated interest in managing access to land development while simultaneously preserving the flow of traffic on the surrounding road system in terms of safety, capacity, and speed. Access management attempts to balance the need to provide good mobility through traffic with the requirements for reasonable access to adjacent land uses.

The most important concept in understanding the need for access management is to ensure the movement of traffic and access to the property are not mutually exclusive (See FIGURE X: Mobility vs. Land Access Representation). No facility can move traffic very well and provide unlimited access simultaneously. The extreme examples of this concept are the freeways and the cul-de-sac. A freeway moves traffic very well with few opportunities for road access, while a cul-de-sac has unlimited opportunities for road access but does not move traffic very well. In many cases, accidents and congestion are the result of streets trying to serve both mobility and access at the same time.

A good access management program will accomplish the following:

- Limit the number of conflict points at the driveway location.
- Separate conflict areas.
- Reduce the interference of trough traffic.
- Provide sufficient spacing for at-grade, signalized intersections.
- Provide adequate on-site circulation and storage.

Access management attempts to end the endless cycle of road improvements followed by increased access, congestion, and the need for more road improvements.

Poor planning and inadequate access control can quickly lead to an unnecessarily high number of direct accesses along roadways. The movements on and off roads at driveway locations, when the spacing of those driveways is too close, can make it difficult for through traffic to flow smoothly at desired speeds and levels of safety. The American Association of State Highway and Transportation Officials (AASHTO) states, "The number of accidents is disproportionately higher at driveways than at other intersections...thus their design and location merit special consideration." Studies have shown that anywhere between 50 and 70 percent of all crashes on the urban street system are access-related.

Fewer direct access, greater separation of driveways, and better driveway design and location are the basic elements of access management. There is less occasion for through traffic to brake and change lanes to avoid turning traffic when Pleasant Grove uses these techniques uniformly and comprehensively.

Consequently, with good access management, traffic flow will be smoother and average travel speeds higher. There will be less potential for accidents. According to the Federal Highway Administration (FHWA), before and after analysis shows that routes with well-managed access can experience 50 percent fewer accidents than comparable facilities with no access controls.

6.0 Potential Funding Sources

Funding sources for transportation are essential if Pleasant Grove City's planned improvements are to be built. Presently there are three sources of revenue available to Pleasant Grove City: federal funding, state funding, and local general funding. The following paragraphs further describe the various transportation funding sources available to the city.

FEDERAL FUNDING

Federal monies are available to cities and counties through the federal-aid program. The Utah Department of Transportation (UDOT) administers the funds. A project must be on the five-year Statewide Transportation Improvement Program (STIP) to be eligible.

The Surface Transportation Program (STP) funds projects for any roadway with a functional classification of a collector street or higher. Both rehabilitation and new construction can use STP funds. The Joint Highway Committee programs a portion of the STP funds for projects around the State in urban areas. The State Transportation Commission can use another portion of the STP funds for projects in any area of the State at its discretion. Transportation Enhancement funds are allocated based on a competitive application process. The Transportation Enhancement Committee reviews the applications, and then a portion of these applications are passed to the State Transportation Commission. Transportation enhancements include twelve categories ranging from historic preservation, bicycle, and pedestrian facilities, and water runoff mitigation. Other federal and State trail funds are available from the Utah State Parks and Recreation Program.

STATE FUNDING

The State Legislation establishes the distribution of State Class B and C Program monies, and the State Department of Transportation administers it. State fuel taxes, registration fees, driver's license fees,

inspection fees, and transportation permits derive the revenue for the program. UDOT keeps seventy-five percent of these funds for its construction and maintenance programs. The rest is made available to counties and cities.

Class B and C funds are allocated to each city and county by a formula based on population, road mileage, and land area. Class B funds go to counties, and Class C funds go to cities and towns. Maintenance and construction projects can use Class B and C funds; however, construction or maintenance projects that exceed \$40,000 must use thirty percent of those funds. The remainder of these funds can be used to match federal funds or to pay the principal, interest, premiums, and reserves for issued bonds.

LOCAL FUNDING

Most cities utilize general fund revenues for their transportation programs. Another option for transportation funding includes the creation of special improvement districts. These districts are organized to fund a project to benefit an identifiable group of properties. Another funding source cities use is revenue bonding for projects to benefit the entire community.

Private interests often provide resources for transportation improvements. Developers construct the local streets within subdivisions, dedicate right-of-way, and participate in collector/arterial street construction adjacent to their developments. Developers can also be considered a source of funds for projects using impact fees. These fees are assessed because of the impacts a particular development project will have on the surrounding roadway system, such as the need for traffic signals or street widening.

7.0 Transportation Improvement Program

One of the main purposes of the TMP is to plan a street classification system that will serve Pleasant Grove City's transportation needs for the next 20 years. Designating a roadway functional classification system allows the city to preserve the necessary right-of-way along individual roadway corridors for the future upgrade of the existing infrastructure to the master-plan standard. After evaluating the roadway network and projecting future travel demands on each of those roadways, a roadway functional classification was developed (Figure 11).

After evaluating the projected travel demand and future deficiencies in the City's roadway network, a transportation improvement program (TIP) was developed. The TIP indicates the needed improvements at times, provides a planning level cost estimate for each improvement, and identifies potential funding sources (see Table 12 and Figure 16).

If used correctly, this can be a valuable tool for City officials in the budgeting and planning process, as the TIP outlines the anticipated timing, costs, and potential funding sources for transportation improvements.

Improvements are separated into the following categories: short-range (0 to 5 years), mid-range (5 to 10 years), and long-range (10 to 20 years). Regardless of improvements or enhancements to alter transportation modes, private single-occupant vehicles will remain the predominant form of transportation in Pleasant Grove City for the near future. As such, most of the upcoming improvements

involve roadway infrastructure to accommodate future traffic demand projections and maintain acceptable operating conditions.

Several projects do not include planning-level cost estimates. These projects are either already funded, currently under construction, anticipated to be constructed by other jurisdictions or private developers and not require local funds, or are not far enough into the conceptual design stages to determine costs.

As development continues throughout Pleasant Grove City, the City will consult the TMP and TIP to identify improvements that may benefit from work or funds required by individual developers. Consulting the TMP and TIP would help preserve the correct amount of right-of-way. In addition, this would assist in identifying projects the developer may be required to construct or contribute to as part of their required on-site and off-site improvements. However, there are projects not anticipated to be part of any new developments or will not be able to wait for development to occur before the improvements are needed. These projects may not be able to benefit from private funding sources, and the city will have to produce other funding alternatives for these projects.

Finally, the TIP must be reviewed and updated continually to work as designed. The city will modify the TIP by deleting projects that have been completed or are no longer a priority and adding new projects not previously identified. A suitable time for an annual review and update is in January, as this provides sufficient time for any changes to the TIP to be incorporated into the budget planning process for that year. Continual maintenance is critical for the TIP to remain effective over time.

Table 12: Pleasant Grove City Transportation Improvement Program

	Pleasant Gro	ve City Transportation Improvement Program (ГІР)	
Project No.	Type of Improvement ¹	Project Location	Jurisdiction(s)	Potential Funding Source ²
		0-5 Years		
1	Intersection Realignment/Capacity Improvement	600 West: Center Street to 1100 North	Pleasant Grove	С, О
2	Capacity Improvement / New Traffic Signal (Under Contract)	State Street: American Fork to 200 South	UDOT	F, S, C, O
3	Alignment Extension	1000 South: Locust Avenue to 1150 East	Pleasant Grove/ Lindon	С, О
4	Alignment Extension/ New Railroad Crossing	Garden Drive: 1300 West to 1000 West	Pleasant Grove	С, О
5	Capacity Improvement with Potential Roundabout (Under Design)	4000 North: Harvey Park to Canyon Road	Pleasant Grove	С, О
		5-10 Years		
6	Intersection Improvement	Locust Ave & 1000 South	Pleasant Grove	С, О
7	Capacity Improvement / New Alignment/ New Traffic Signal	100 South: End of Existing to American Fork Border	Pleasant Grove	С, О
8	Capacity Improvement / New Alignment	220 South: PG Boulevard to 840 West	Pleasant Grove	C, O
9	Capacity Improvement / Intersection Improvements	1300 West: 2600 North to PG Boulevard	Pleasant Grove	С, О
10	Capacity Improvement / New Traffic Signal (Under Construction)	2600 North: American Fork Boundary to 100 East	Pleasant Grove	С, О
11	Capacity Improvement	Pleasant Grove Blvd: 2000 West to I-15 Interchange	UDOT	F, S, C, O
12	Alignment Extension	800 North: 1300 West to 1100 West	Pleasant Grove	С, О
13	Alignment Extension	450 South: North County Blvd to Evermore Lane	Pleasant Grove	С, О
14	Alignment Extension	900 West: 1800 North to 1600 North	Pleasant Grove	C, O

	Pleasant Gro	ove City Transportation Improvement Program (7	ГІР)	
Project No.	Type of Improvement ¹	Project Location	Jurisdiction(s)	Potential Funding Source ²
15	New Alignment	Mill Creek Road: 3300 North to 3700 N (PG)/ Avanyu Dr (Cedar Hills)	Pleasant Grove	C, O
16	Intersection Improvement	600 West & 1800 North	Pleasant Grove	С, О
17	Intersection Improvement	600 West & 1100 North	Pleasant Grove	C, O
		10-20 Years		
18	Capacity Improvement	700 South/Sam White Lane: PG Blvd to Proctor Ln and 910 West to 750 West	Pleasant Grove	C, O
19	Alignment Extension	Murdock Dr: 500 North to 300 North	Pleasant Grove	C, O
20	Alignment Extension	250 West: 700 South to 1000 South	Pleasant Grove	C, O
21	Capacity Improvement	Doterra Drive: PG Boulevard to Finish Section	Pleasant Grove	С, О
22	Capacity Improvement / New Traffic Signal	100 East: Valley View Drive to Approximately Mountaintop Cir	Pleasant Grove/ UDOT	F, S, C, O
23	Potential Roundabout	Locust Ave & 200 South	Pleasant Grove	C, O
24	Potential Roundabout	Main Street & 200 South	Pleasant Grove	С, О
25	Potential Signal	450 South & 2000 West	Pleasant Grove	C, O
26	Intersection Improvement	900 West/ 2600 North	Pleasant Grove	C, O
27	Intersection Improvement	600 West/ 2600 North	Pleasant Grove	C, O
28	Potential Roundabout	300 East/200 South	Pleasant Grove	C, O
29	Potential Intersection Improvement	Murdock Dr/ 200 South	Pleasant Grove	С, О
30	Potential Signal	4000 North/ Canyon Road	Pleasant Grove	C, O
31	Alignment Extension	1105 East: End of Existing to 125 South	Pleasant Grove	C, O
32	Alignment Extension	Quality Drive: North County Blvd to Garden Grove Lane	Pleasant Grove	С, О
33	New Alignment	750 West: 220 South to 700 South	Pleasant Grove	C, O
34	New Alignment	500 South: 750 West to 250 West	Pleasant Grove	C, O

¹Miscellaneous local roads have not been included since they will most likely be built by developers as part of their developments.

²Potential Funding Sources: F-Federal, S-State, C-City, and O-Other.

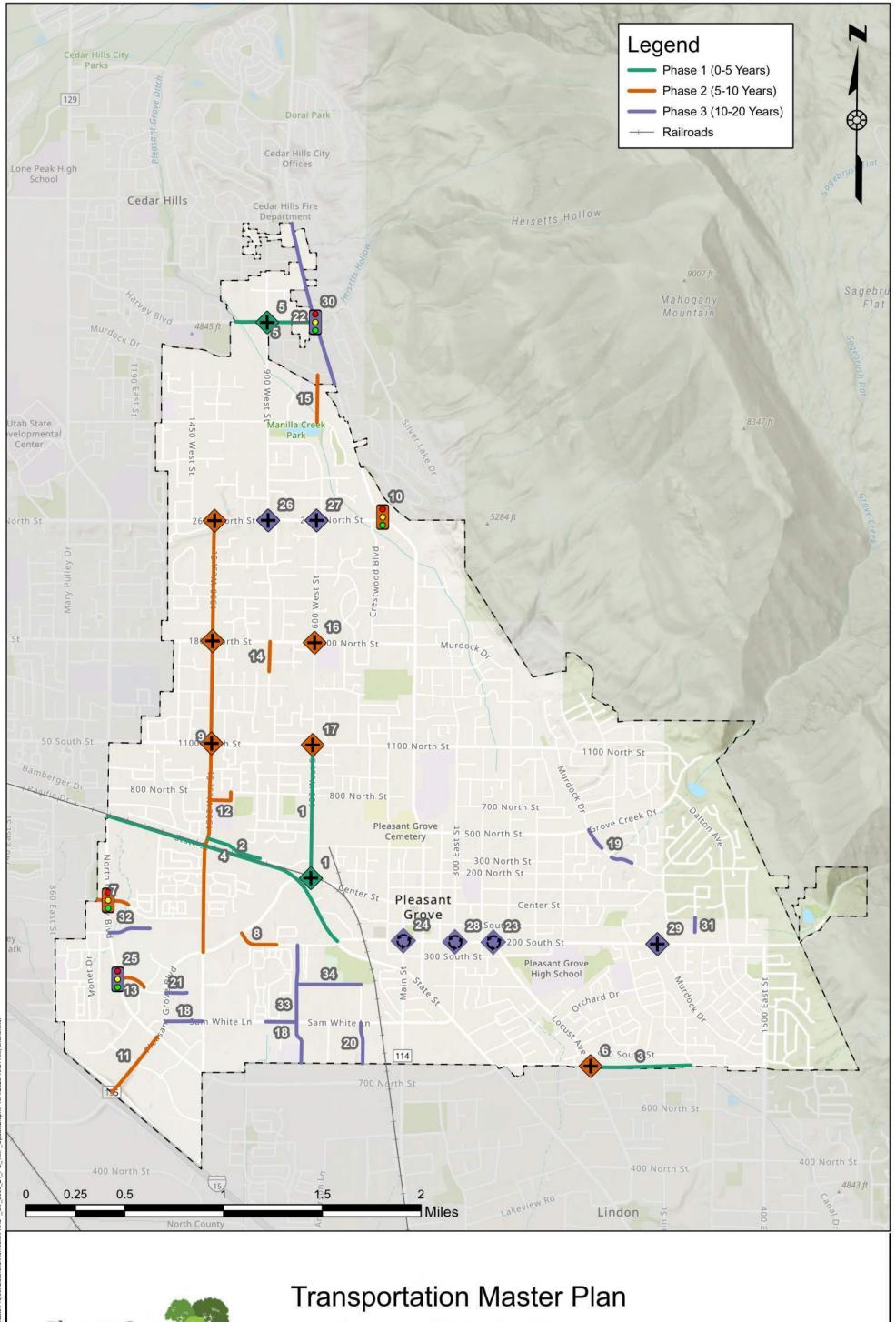




Figure 16: TIP Project Map



Updated 10/4/2023

Appendix A: Raw Traffic Data

MetroCount Traffic Executive Vehicle Counts

VehicleCount-247 -- English (ENU)

Datasets:

Site: [Pleasant Grove] Location 1 - on 2600 N between 860 W and 600 W

Attribute: Box 10

Direction: 8 - East bound A>B, West bound B>A. **Lane:** 1

Survey Duration: 10:10 Monday, May 9, 2022 => 12:07 Monday, May 16, 2022,

Zone:

File: Location 1 - 2600 N Between 600 W & 900 W.EC0 (Plus) Identifier: FZ10RDWC MC56-L5 [MC55] (c)Microcom 19Oct04

Algorithm: Factory default axle (v5.05)

Data type: Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time: 10:11 Monday, May 9, 2022 => 12:07 Monday, May 16, 2022 (7.081)

Included classes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Speed range: 6 - 99 mph.

Direction: North, East, South, West (bound), P = East, Lane = 0-16

Separation: Headway > 0 sec, Span 0 - 328.084 ft

Name: Default Profile

Scheme: Vehicle classification (Scheme F3)
Units: Non metric (ft, mi, ft/s, mph, lb, ton)
In profile: Vehicles = 17131 / 17153 (99.87%)

<u> </u>	_ TOO 0	200 0	300 0	400 ()500 (-	1600	0 / 0 0	0800	0900	1000	1100	123	1300 269	1400 468	1500 446	1600 410	1700 408	1800 417	1900 334	2000 267	2100 176	2200 105	2300 48	
	_	_	_	_	_	_	_	_	_	0	0	0	67	75	122	111	106	99	94	69	44	37	22	
-	-	-	-	-	-	-	-	-	-	0	0	0	75	109	142	94	95	109	85	81	55	36	11	
-	-	-	-	-	-	-	-	-	-	0	0	40	58	178	94	107	111	110	74	60	42	16	11	
– Peak	1430	- - 1530	_ (548).	- PM Pi	- HF=0.7	7	-	-	-	0	0	83	69	106	88	98	96	99	81	57	35	16	4	
	al a	Mari	` "		T-4-	I-FF	74 41	!	4.	da.a														
										drops		1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
22	9	8	5	6	45	105	375	382	278	232	257	297	260	531	503	459	475	399	328	233	211	117	37	
9	1	3	0	0	5	15	47	95	97	50	69	80	82	84	141	123	118	97	105	50	76	51	14	
7 3	0 7	3 1	2	1 1	8 11	15 28	79 111	98 90	66 54	66 53	54 57	81 77	54 59	123 188	131 118	126 91	143 93	109 100	86 71	64 65	40 50	20 16	10 7	
3	1	1	1	4	21	47	138	99	61	63	77	59	65	136	113	119	121	93	66	54	45	30	6	
-				-						596), P			03	130	110	117	121	,,,	00	51	15	30	J	
/edi	nesda	av. M	av 11	202	22 - T	otal:	-5852	. 15	minu	te dro	ons													
						0600	0700	0800	0900	1000	1100													
9	5	5	5	6	56	110	399	423	247	253	281	449	417	318	491	421	522	479	380	278	175	81	32	
8 7	1	1	0	0	5	26	42	109	76	57	65	109	121	68	109	119	139	129	108	86	54	30	11	
	3 1	1 2	2 1	1	12 17	15 25	96 125	103 110	62 57	64 62	62 50	118 105	120 98	68 82	144 107	98 96	134 118	133 114	90 102	75 62	38 43	20 14	6 6	
	0	1	2	4	22	44	136	101	52	70	104	117	78	100	131	108	131	103	80	55	40	17	9	
			_	-						522), P			, 0	200	-01	_00	-51	100	00	55	10	Δ,	,	
ur	sdav	, Mav	12, 2	2022	- Tota	al=2	234, 1	5 mi	nute	drop	s													
0 0	100 0	200 0	300 0	400 0	500 (0600	0700	0800	0900	1000	1100													
3	11	2	4	4	34	87	384	374	281	222	278	337	193	0	0	0	0	0	0	0	0	0	0	
) 5	3 3	0	0 3	1 0	6 6	20 12	46 91	93 92	99 67	53 55	63 65	101 83	62 64	0	0	0	0	0	0	0	0	0	0	
}	1	1 1	0	0	9	23	106	94	52	60	73	72	65	0	0	0	0	0	0	0	0	0	0	
eak	4 0730 -	0 - 0830	1 (432), <i>i</i>	AM PH	13 IF=0.7	32 7 PM	141 Peak 1	95 1 200 -	63 1300 (54 337), P	77	81	2	0	0	0	0	0	0	0	0	0	0	
eak rida	9, Ma	0 - 0830 ay 13 200 0 0	1 (432), <i>i</i> , 202 2 300 0 0	3 AM PH 2 - To 400 0	13 IF=0.7 Otal=(32 7 PM 0, 15	141 Peak 1 minu 0700 0	95 1 200 - 1 te d i	63 1300 (rops 0900 0	54 337), P	77 M PHF 1100 0	81 =0.83 1200 0	2 1300 0	1400 0	1500 0	1600 0	1700 0	1800 0	1900 0	2000	2100	2200	2300 0	
4 Peak rida 0 0 0 0	9, Ma	0 - 0830 ay 13 200 0 0	1 (432), 4 , 2022 300 0 0 0	3 AM PH 2 - To 400 0 0	13 IF=0.7 Otal=(0500 (32 7 PM 0, 15 0600 0	141 Peak 1 minu 0700 0	95 1 200 - 1 te d 1 0800 0	63 1300 (rops 0900 0	54 337), P	77 M PHF 1100 0	81 =0.83 1200 0	1300 0	1400 0	1500 0	1600 0	1700 0	1800 0	1900 0	2000 0	2100 0	2200 0	2300 0	
4 Peak rida 0 0 0 0	9, Ma 100 0 0 0 0	0 - 0830 ay 13 200 0 0 0	1 (432), A , 2022 300 0 0 0	3 AM PH 2 - To 400 0 0 0	13 IF=0.7 Otal=0 0 0 0	32 7 PM 0, 15 0600 0 0	141 Peak 1 minu 0700 0 0	95 1 200 - 1 te d i 0800 0	63 1300 (rops 0900 0	54 337), P	77 M PHF 1100 0 0 0	81 =0.83 1200 0 0	1300 0 0	1400 0 0 0	1500 0 0 0	1600 0 0	1700 0 0 0	1800 0 0 0	1900 0 0 0	2000	2100 0 0 0	2200 0 0	2300 0 0	
4 Peak rida 00 0 0 0 0 0 0	9, Ma 100 0 0 0 0 0 0 0	0 - 0830 ay 13 200 0 0 0 0	1 (432), 4 , 2022 300 0 0 0 0 0	3 AM PH 2 - T (400 0 0 0 0 0	13 IF=0.7 Otal=(0500 (0 0 0	32 7 PM 0, 15 0600 0 0	141 Peak 1 minu 0700 0 0 0 0 0	95 1 200 - ute di 0800 0 0	63 1300 (rops 0900 0 0	54 337), P 1000 0 0 0 0 0	77 M PHF 1100 0 0 0 0 0	81 =0.83 1200 0 0 0	1300 0	1400 0	1500 0	1600 0	1700 0	1800 0	1900 0	2000 0	2100 0	2200 0	2300 0	
4 Peak of the second of the se	9, Ma 100 0 0 0 0 0 0 0	0 - 0830 ay 13 200 0 0 0 0	1 (432), 4 , 2022 300 0 0 0 0 0	3 AM PH 2 - T (400 0 0 0 0 0	13 IF=0.7 Otal=(0500 (0 0 0	32 7 PM 0, 15 0600 0 0	141 Peak 1 minu 0700 0 0 0 0 0	95 1 200 - ute di 0800 0 0	63 1300 (rops 0900 0 0	54 337), P	77 M PHF 1100 0 0 0 0 0	81 =0.83 1200 0 0 0	1300 0 0 0 0	0 1400 0 0 0	1500 0 0 0 0	1600 0 0 0	1700 0 0 0 0	1800 0 0 0 0	1900 0 0 0	2000 0 0 0 0	2100 0 0 0 0	2200 0 0 0	2300 0 0 0	
4 Peak rida 0 0 0 0 0 0 0 0 0 Peak	y, Ma 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ay 13 200 0 0 0 0 0 0	1 (432), A , 2022 300 0 0 0 0 0 0 0 0 0 0 14, 2	3 AM PH 2 - To 400 0 0 0 0 0 1 PHF=	13 IF=0.7' Otal=(05500 (0 0 0 0 0 0 -1.00	32 7 PM 0, 15 0600 0 0 0 0 0 0	141 Peak 1 minu 0700 0 0 0 0 0 eak 120	95 1200 - ute di 0800 0 0 0 0 0 0 0 0 0 13	63 1300 (rops 0900 0 0 0 0 0 0 0 0 0 0 0	1000 0 0 0 PM PH	77 M PHF 1100 0 0 0 0 HF=1.0	81 F=0.83 1200 0 0 0 0	1300 0 0 0 0	0 1400 0 0 0 0	1500 0 0 0 0	1600 0 0 0 0	1700 0 0 0 0	1800 0 0 0 0	1900 0 0 0 0	2000 0 0 0 0	2100 0 0 0 0	2200 0 0 0 0	2300 0 0 0	
4 reak 0 0 0 0 0 0 0 0 0 eak	y, Ma 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ay 13 200 0 0 0 0 0 0	1 (432), A , 2022 300 0 0 0 0 0 0 0 0 0 0 14, 2	3 AM PH 2 - To 400 0 0 0 0 0 1 PHF=	13 IF=0.7' Otal=(05500 (0 0 0 0 0 0 -1.00	32 7 PM 0, 15 0600 0 0 0 0 0 0	141 Peak 1 minu 0700 0 0 0 0 0 eak 120	95 1200 - ute di 0800 0 0 0 0 0 0 0 0 0 13	63 1300 (rops 0900 0 0 0 0 0 0 0 0 0 0 0	337), P 1000 0 0 0 PM PH	77 M PHF 1100 0 0 0 0 HF=1.0	81 F=0.83 1200 0 0 0 0	1300 0 0 0 0	0 1400 0 0 0 0	1500 0 0 0 0	1600 0 0 0 0	1700 0 0 0 0	1800 0 0 0 0	1900 0 0 0 0	2000 0 0 0 0	2100 0 0 0 0	2200 0 0 0 0	2300 0 0 0	
4 eak ida 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	y, Ma 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 - 0830 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 (432), A , 2022 300 0 0 0 0 0 0 0 0 0, AN	3 AM PH 2 - T(400 0 0 0 0 0 1 PHF=	13 IF=0.7' Otal=(05500 (0 0 0 0 0 =1.00	32 7 PM 0, 15 0 0 0 0 0 0 0 0 0 PM Pe	141 Peak 1 minu 0700 0 0 0 0 0 eak 120	95 1200 - 1te di 0800 0 0 0 0 0 0 10 13 inute	63 1300 (rops 0900 0 0 0 0 0 0 0 0 0 0 0	54 337), P 1000 0 0 0 PM PH ps 1000	77 M PHF 1100 0 0 0 0 HF=1.0	81 F=0.83 1200 0 0 0 0	1300 0 0 0 0	0 1400 0 0 0 0	1500 0 0 0 0	1600 0 0 0 0	1700 0 0 0 0 0	1800 0 0 0 0	1900 0 0 0 0	2000 0 0 0 0	2100 0 0 0 0	2200 0 0 0 0 0	2300 0 0 0 0	
ida ida 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9, Ma 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 - 0830 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 (432), A , 202: 300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 AM PH 2 - T(400 (0 0 0 0 1 PHF= 400 (0	13 IF=0.7 Otal=(0500 (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	32 7 PM 0, 15 0600 0 0 0 0 PM Pe	141 Peak 1 minu 0700 0 0 0 0 eak 120 15 m 0700 0	95 1200 - 1te di 0800 0 0 0 0 0 0 10 13 inute 0800 0	63 1300 (rops 0900 0 0 0 0 0 0 0 0 0 0 0 0	54 337), P 1000 0 0 0 PM PH ps 1000 0	77 M PHF 1100 0 0 0 0 0 HF=1.0	81 1200 0 0 0 0 0	1300 0 0 0 0 0	1400 0 0 0 0 0	1500 0 0 0 0 0	1600 0 0 0 0	1700 0 0 0 0 0	1800 0 0 0 0	1900 0 0 0 0 0	2000 0 0 0 0 0	2100 0 0 0 0 0 0	2200 0 0 0 0 0	2300 0 0 0 0	
4 eak ida 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 0730 · y, Ma 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 - 0830 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 (432), A (3 AM PH 2 - Tc 400 0 0 0 0 1 PHF= 400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13 IF=0.7 Otal=0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	32 7 PM 0, 15 0600 0 0 0 0 PM Pe	141 Peak 1 minu 0700 0 0 0 0 eak 120 15 m 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	95 1200 - Ite di 0800 0 0 0 0 0 0 inute 0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	63 1300 (rops 0900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	54 337), P 1000 0 0 0 0 PM PH ps 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	77 M PHF 1100 0 0 0 0 0 1F=1.0	81 =0.83 1200 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0	1400 0 0 0 0 0 0	1500 0 0 0 0 0 0	1600 0 0 0 0 0 0	1700 0 0 0 0 0 0 0	1800 0 0 0 0 0 0	1900 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0	
eak o 0 o 0 o 0 o 0 eak atui o 0 o 0 o 0 o 0 o 0 o 0 o 0 o	4 0730 · y, Ma 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 - 0830 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 (432), A (3 AM PH 2 - T(400 0 0 0 0 1 PHF= 022 - 400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13 IF=0.7 Otal=(0500 (0 0	32 7 PM 0, 15 0600 0 0 0 0 PM Pe al=0, 0600 0	141 Peak 1 minu 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	95 1200 - 1te di 0800 0 0 0 0 0 0 0 0 0 0 0 0	63 1300 (rops 0900 0 0 0 00 (0),	54 337), P 1000 0 0 0 0 PM PH PS 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	77 M PHF 1100 0 0 0 0 0 HF=1.0	81 =0.83 1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0	1400 0 0 0 0 0 0	1500 0 0 0 0 0	1600 0 0 0 0 0	1700 0 0 0 0 0	1800 0 0 0 0 0	1900 0 0 0 0 0	2000 0 0 0 0 0 0 0	2100 0 0 0 0 0 0	2200 0 0 0 0 0 0 0	2300 0 0 0 0 0	
4 Peak rida 0 0 0 0 0 0 0 0 0 Peak atui 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 0730 · y, Ma 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 - 0830 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 (432), A , 202: 300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 AM PH 2 - TC 400 C 0 0 0 1 PHF=	13 IF=0.7' Otal=(0500 (0 0	32 7 PM 0 0, 15 0	141 Peak 1 minu 0700 0 0 0 0 eak 120 15 m 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	95 1200 - 14e di 0800 0 0 0 0 0 0 0 0 0 0 0 0	63 1300 (rops 0900 0 00 (0), e dro 0900 0 00 (0),	54 337), P 1000 0 0 0 0 0 PM PH ps 1000 0 0 0 0 PM PH	77 M PHF 1100 0 0 0 0 0 HF=1.0	81 =0.83 1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0	1400 0 0 0 0 0 0	1500 0 0 0 0 0 0	1600 0 0 0 0 0 0	1700 0 0 0 0 0 0 0	1800 0 0 0 0 0 0	1900 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0	
4 Peak rida 0 0 0 0 0 0 0 Peak reak Peak reak	4 0730 · . 9, Ma 100 · 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 - 0830 ay 13 200 0 0 0 0 0 0 0 0	1 (432), <i>J</i> (432), <i>J</i> (2022)	3 AM PH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13 IF=0.7' Dtal=(0500 (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	32 7 PM 0, 15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	141 Peak 1 minu 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	95 200 - 21te di 0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	63 1300 () rops 0900 0 0 0 000 (0), 2 dro 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	54 337), P 1000 0 0 0 0 0 PM PH ps 1000 0 0 0 0 PM PH	777 M PHF 1100 0 0 0 0 0 0 0 0 0 11100 0 0 0 0	81 =0.83 1200 0 0 0 0 0 1200 0 0 0 0	1300 0 0 0 0 0 0	1400 0 0 0 0 0 0	1500 0 0 0 0 0 0	1600 0 0 0 0 0 0	1700 0 0 0 0 0 0	1800 0 0 0 0 0 0	1900 0 0 0 0 0 0	2000 0 0 0 0 0 0	2100 0 0 0 0 0 0	2200 0 0 0 0 0 0	2300 0 0 0 0 0	
4 Peak Peak O O O O O O O O O O O O O O O O O O O	4 0730 ·	0 0830 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 (432), 4 (3 AM PH 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1	13 IF=0.7' Dtal=1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	32 7 PM 0, 15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	141 Peak 1 minu 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	95 1200 - 1 1te d d (8800	63 1300 () rops 0 9000 0 0 0 00 (0), 2 dro 0 0 0 00 (0), drops 0 0 0 0,	54 337), P 1000 0 0 0 0 PM PH PS 1000 0 0 PM PH S 1000 0	777 M PHF 1100 0 0 0 0 0 0 HF=1.00 0 0 1100 0 11100 0 11100 11100 0 11100 0 11100	81 =0.83 1200 0 0 0 0 0 0 0 0 0 0 0 0	2 1300 0 0 0 0 0 1300 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0	1500 0 0 0 0 0 0	1600 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0	1800 0 0 0 0 0 1800 0 0 0	1900 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0 0 0	
4 reak rida 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 0730 · · · · · · · · · · · · · · · · · · ·	0 - 0830 ay 13 200 0 0 0 0 0 0 0 0	1 (432), J , 202; 300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 AM PH 2 - Tc 0 0 0 0 0 1 PHF= 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	13 F=0.7 F=0.7 O O O O O O O O O	32 7 PM 0, 15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	141 Peak 1 minu 07700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	95 200 - ute di 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	63 1300 () rops 09000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	54 337), P 1000 0 0 0 0 0 PM PH ps 1000 0 0 0 PM PH s 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	777 M PHF 1100 0 0 0 0 0 0 0 0 1F=1.0 1100 0 0 1F=1.0 1100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	81 =0.83 1200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 1300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0 0 0	
4 reak rida 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 0730 · 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 - 0830 ay 13 200 0 0 0 0 0 0 0 0	(432), A , 202: 300 0 0 0 (0), AM 14, 2 300 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 AM PH 2 - Tc 0 0 0 0 0 0 1 PHF= 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13 IF=0.7' IF=0.7' 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	32 7 PM 0, 15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	141 Peak 1 minu 07700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	95 1200 - ute di 0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	63 1300 () rops 0 9000 0 0 0 00 (0), 2 dro 0 0 00 (0), 0 0 00 (0), drops 0 0 0 0 0 0	54 337), P 1000 0 0 0 0 0 PM PH PS 1000 0 PM PH S 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	777 M PHF 1100 0 0 0 0 0 0 0 0 0 0 1F=1.0 1100 0 0 0 0 0 1F=1.0 1100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	81 =0.83 1200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 1300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0 0 0	
Peak Peak Peak Peak Peak Peak Peak Peak	4 0730 · · · · · · · · · · · · · · · · · · ·	0 - 0830 0 0 0 0 0 0 0 0 0	1 (432), J , 2022 300 0 0 0 0 (0), AN 14, 2 300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 AM PH 2 - Tc 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13 IF=0.7' IF=0.7' 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	32 7 PM 0, 15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	141 Peak 1 minu 07700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	95 1200 - 1 1te da	63 1300 (i rops 0 0000 0 00 (0), 2 dro 0 00 (0), 0 000 (0), 0 000 (0), 0 000 (0),	54 337), P 1000 0 0 0 0 0 PM PH PS 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	777 M PHF 1100 0 0 0 0 0 0 0 0 1F=1.0 1100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	81 =0.83 1200 0 0 0 0 0 1200 0 0 0 0 0 0 0 0 0 0 0 0	2 1300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0 0 0	
4 Peak rida 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 0730 ·	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 (432), 4 (3 AM PH 2 - Tc 0 0 0 0 0 0 1 PHF= 0 1 PHF= 0 1 PHF= 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13 IF=0.7' IF=0.7' 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	32 7 PM 0, 15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	141 Peak 1 minu 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	95 1200 14te d 0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	63 1300 (rops 0900 0 0 0 00 00 00 00 00 00 00 00 00 0	54 337), P 1000 0 0 0 0 0 PM PH PS 1000 0 PM PH S 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	777 M PHF 1100 0 0 0 0 0 0 0 HF=1.0 1100 0 0 0 0 10 0 0 0 0 0 0 0 0 0 0	81 =0.83 1200 0 0 0 0 0 0 0 0 0 0 0 0	2 1300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0 0 0	
4 Peak rida 00 0 0 0 0 0 0 0 0 Peak 60 0 0 0 0 0 0 Peak 60 0 0 0 0 Peak 60 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 0730 · · · · · · · · · · · · · · · · · · ·	0 - 0830 ay 13 200 0 0 0 0 0 0 0 0	(432), J (432), J (2022) 300 0 0 0 (0), AN (0), AN (0), AN (0), AN (0), AN	3 AM PH 2 - Tc 0 0 0 0 0 1 PHF= 0 1 PHF= 1 400 C 0 0 0 0 0 1 PHF= 1 400 C 0 0 0 0 0 1 PHF= 1 400 C 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13 IF=0.7' IF=0.7' 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	32 7 PM 0, 15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	141 Peak 1 minu 07700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	95 1200 - 1 1200 - 1 0800 0 0 0 0 0 0 0 0 0 0 0 0	63 1300 () rops 09000 0 00 (0), e dro 0 00 (0), 0 00 (0), 0 00 (0), 0 00 (0), 0 0 (0), 0 0 (0), 0 (0	54 337), P 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	777 M PHF 1100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	81 =0.83 1200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 1300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0 0 0	
4 Peak rida 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 0730 · · · · · · · · · · · · · · · · · · ·	0 - 0830 0 0 0 0 0 0 0 0 0	1 (432), J , 202: 300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 AM PH 2 - Tc 0 0 0 0 0 1 PHF= 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13 IF=0.7' IF=0.7' 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	32 7 PM 0, 15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	141 Peak 1 minu 07700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	95 1200 - 1 1200 - 1 0800 0 0 0 0 0 0 0 0 0 0 0 0	63 1300 () rops 0900 0 00 (0), e dro 0 00 (0), 0 00 (0), 0 00 (0), 0 0 0 (0), 0 0 (0), 0 0 (0), 0 0 (0), 0	54 337), P 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	777 M PHF 1100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	81 =0.83 1200 0 0 0 0 0 1200 0 0 0 0 0 0 0 0 0 0	2 1300 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0 0 0	
4 Peak rida 00 0 0 0 0 0 0 Peak atui 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 0730 · · · · · · · · · · · · · · · · · · ·	0 - 0830 0 0 0 0 0 0 0 0 0	1 (432), J , 2022 300 0 0 0 (0), AN 14, 2 300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 AM PH 2 - Tc 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13 IF=0.7' O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	32 7 PM 0, 15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	141 Peak 1 minu 07000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	95 200 - 1 1 2 2 2 2 2 2 2 2	63 1300 () rops 09000 0 00 (0), e dro 00 (0), drops 09000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	54 337), P 1000 0 0 0 0 0 PM PH PS 1000 0 0 0 0 PM PH S 1000 0 PM PH S 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	777 M PHF 1100 0 0 0 0 0 0 0 0 0 IF=1.0 1100 0 0 0 0 0 0 IF=1.0 1100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	81 =0.83 1200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 1300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0 0 0	
4	4 0730 · · · · · · · · · · · · · · · · · · ·	0 - 0830 ay 13 200 0 0 0 0 0 0 0 0	1 (432), J , 202; 300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 AM PH 2 - Tc 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13 IF=0.7' IF=0.7' 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	32 7 PM 0, 15 0, 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	141 Peak 1 minu 07700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	95 200 -	63 1300 () rops 09000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	54 337), P 1000 0 0 0 0 0 0 PM PH PS 1000 0 0 0 0 0 PM PH S 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	777 M PHF 1100 0 0 0 0 0 0 0 1F=1.0 1100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	81 =0.83 1200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 1300 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0 0 0	
4 Peak rida 00 0 0 0 0 0 0 Peak atui 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 0730 · · · · · · · · · · · · · · · · · · ·	0 - 0830 0 0 0 0 0 0 0 0 0	1 (432), J , 2022 300 0 0 0 (0), AN 14, 2 300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 AM PH 2 - Tc 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13 IF=0.7' O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	32 7 PM 0, 15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	141 Peak 1 minu 07000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	95 200 - 1 1 2 2 2 2 2 2 2 2	63 1300 () rops 09000 0 00 (0), e dro 00 (0), drops 09000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	54 337), P 1000 0 0 0 0 0 PM PH PS 1000 0 0 0 0 PM PH S 1000 0 PM PH S 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	777 M PHF 1100 0 0 0 0 0 0 0 0 0 IF=1.0 1100 0 0 0 0 0 0 IF=1.0 1100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	81 =0.83 1200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 1300 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0 0 0	

MetroCount Traffic Executive Vehicle Counts

VehicleCount-255 -- English (ENU)

Datasets:

Site: [Pleasant Grove] Location 2 - On 1800 N between 750 W and 600 W

Attribute: Box 1

Direction: 8 - East bound A>B, West bound B>A. **Lane:** 1

Survey Duration: 10:14 Monday, May 9, 2022 => 13:20 Monday, May 16, 2022,

Zone:

File: Location 2 - On 1800 N between 750 W and 600 W.EC0 (Plus)

Identifier: DD252GHQ MC56-L5 [MC55] (c)Microcom 19Oct04

Algorithm: Factory default axle (v5.05)

Data type: Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time: 10:15 Monday, May 9, 2022 => 13:20 Monday, May 16, 2022 (7.12897)

Included classes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Speed range: 6 - 99 mph.

Direction: North, East, South, West (bound), P = East, Lane = 0-16

Separation: Headway > 0 sec, Span 0 - 328.084 ft

Name: Default Profile

Scheme: Vehicle classification (Scheme F3)
Units: Non metric (ft, mi, ft/s, mph, lb, ton)
In profile: Vehicles = 9840 / 9855 (99.85%)

Monda 100 010											0 1100	1200	1300										
-		-	_	_	-		_		_	_	- 0			287	225	247	280	237	198	174	112	60	18
_	-	-	-	-	-	-	_		_	_	- 0		31	44	68	73	81	43	62	52	29	16	4
_	-	-	-	-	_	-	_		_		0 0		41	113	47	57	69	60	59	67	34	18	7
_	_	_	-	-	_	_	_		_		0 0		38 32	62 68	44 66	66 51	63 67	65 69	35 42	30 25	26 23	10 16	6 1
Peak 14	415 -	1515 (3	11), P	м РН	F=0.6	69					0 0	47	32	00	00	31	07	03	42	23	23	10	1
uesda	av M	lav 10	20:	22	Tota	al=31	155 1	5 m	inuto	dror	16												
00 010	0 02	030	0 04	00 0	500	0600	0700	080	0 090	0 100	0 1100										2100		
	1	4	2	5	20	32	261	19:					167	301	211	285	289	239	174	142	130	51	30
	0	1	1	1	1	7	33						43	48	65	59	68	53	58	38	36	20	9
	0	2	0	1	4	5	53						42	116	47	78	80	43	45	27	37	12	9
	0	0	1	1	7	9	56						40	72	47	61	65	79	33	35	35	11	7
2 Peak 07	1 '15 - 0	1 815 (29	0 33) Δ Ι	2 M PH I	8 F=0 6	11 32 PM	119 I Peak						42	65	52	87	76	64	38	42	22	8	5
		•	•									0.03											
/edne												1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
	4	4	4	6	19	49	239							252	248	285	337	285	226	172	126	46	28
	0	0	2	0	3	5	20						56	40	62	66	88	70	70	41	29	13	8
	2	2	1	1	4	10	54							94	61	80	90	86	58	48	30	15	6
	2	1	0	1	6	12	45						46	57	51	67	76	68	56	42	39	11	9
1	0	1	1	4	6	22	120	4	0 2	8 4	1 63	47	43	61	74	72	83	61	42	41	28	7	5
Peak 07	15 - 0	815 (29	90), Al	M PHI	F=0.6	60 PN	l Peak	1700	- 1800	(337),	PM PH	F=0.94											
hursd	lav. I	Mav 1	2. 20)22 -	· Tot	tal=1	274	15 n	ninut	e dro	ps												
0 010	0 02	00 030	0 04	00 0	500	0600	0700	080	0 090	0 100	0 1100												
	6	4	1	7	10	30	265						136	0	0	0	0	0	0	0	0	0	0
6	2	0	0	0	0	6	24	7	0 3	2 3	1 35	59	55	0	0	0	0	0	0	0	0	0	0
	3	2	1	4	2	5	51						38	0	0	0	0	0	0	0	0	0	0
5	1	0	0	1	4	6	65						30	0	0	0	0	0	0	0	0	0	0
-	0	2	0	2	4	13	125	3 (6 3	1 4	9 43	53	1 2	0	0	Ω	0	0	Ω	0	0	0	0
riday,	May	, 13, 2	2022	- To	tal=	:0, 1	5 min	1200 ute	- 1300 drop:) (199), S	РМ РН	F=0.84							1900		2100	2200	
riday, 00 010 0 0	May 0 02 0 0	/ 13, 2 00 030 0 0	2022 0 0 4 0 0	- To	tal= 500 0 0	0, 10, 0600 0 0 0	5 min 0700 0	1200 ute	- 1300 drop: 0 090 0 0	0 (199), S 0 100 0 0	PM PH 0 1100 0 0 0 0 0 0 0 0	1200 0 0	1300 0 0	1400 0 0	1500 0 0	1600 0 0	1700 0 0	1800 0 0	0 0 0	2000 0 0	0 0	0 0	2300 0 0
riday, 00 010 0 0 0	May 0 02 0 0 0	7 13, 2 00 030 0 0	2022 0 0 4 0 0 0 0	- To	otal= 500 0 0 0	0, 1; 0600 0	5 min 0700 0 0	1200 ute (- 1300 drop: 0 090 0 0	0 (199), S 0 100 0 0 0	PM PH 0 1100 0 0 0 0 0 0 0 0 0 0	1200 0 0	1300 0 0 0	1400 0 0 0	1500 0 0 0	1600 0 0 0	1700 0 0 0	1800 0 0 0	0 0 0	2000 0 0 0	0 0 0	0 0 0	2300 0 0 0
riday, 00 010 0 0 0 0	May 0 02 0 0 0 0 0	7 13, 2 00 030 0 0 0	2022 00 04 0 0 0 0	- To	otal= 500 0 0 0 0 0	0, 10, 0600 0 0 0 0 0	5 min 0700 0 0	1200 ute (- 1300 drop: 0 090 0 0 0	0 (199), S 0 100 0 0 0 0	PM PH 0 1100 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0	1300 0 0	1400 0 0	1500 0 0	1600 0 0	1700 0 0	1800 0 0	0 0 0	2000 0 0	0 0	0 0	2300 0 0
riday, 0 010 0 0 0 0 0 0 Peak 00	May 0 02 0 0 0 0 0 0 0	7 13, 2 0 0 0 3 0 0 0 0 0 0 0 100 (0)	2022 0 0 4 0 0 0 0 0 0 0 0	- To 00 01 0 0 0 0	otal= 500 0 0 0 0 1.00	0, 18 0600 0 0 0	0700 0 0 0 0 0 0	1200 oute (- 1300 drops 0 090 0 0 0 0 0 0 0 0 0 0	0 (199), S 0 100 0 0 0 0 0 0 0	0 1100 0 0 0 0 0 0 0 0	1200 0 0 0	1300 0 0 0	1400 0 0 0	1500 0 0 0	1600 0 0 0	1700 0 0 0	1800 0 0 0	0 0 0	2000 0 0 0	0 0 0	0 0 0	2300 0 0 0
riday, 00 010 0 0 0 0 0 0 Peak 00 aturda	May 0 02 0 0 0 0 0 0 0 0 0 0 0 0 0	7 13, 2 0 030 0 0 0 0 100 (0)	2022 0 04 0 0 0 0 0 0 0 0 0 0 0 0 0	- To 00 01 0 0 0 0 0 PHF=	otal= 500 0 0 0 0 1.00	0, 18 0600 0 0 0 0 PM P	5 min 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 1 15 n	1200 (ute (- 1300 drop: 0 090 0 0 0 0 1300 (0 te dr	0 (199), s 0 100 0 0 0 0 0 0 0 0 0 0 0 0	PM PH 0 1100 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0	1300 0 0 0 0 0	1400 0 0 0 0 0	1500 0 0 0 0	1600 0 0 0 0	1700 0 0 0 0 0	1800 0 0 0 0	0 0 0 0 0	2000 0 0 0 0	0 0 0 0 0	0 0 0 0 0	2300 0 0 0 0 0
riday, 0 010 0 0 0 0 0 0 0 eak 00 aturda 0 010 0	May 0 02 0 0 0 0 0 0 0 0 0 0 0 0 0	7 13, 2 0 030 0 0 0 0 1100 (0) May 14	2022 00 04 0 0 0 0 0, AM I	- To 00 0: 0 0 0 0 0 PHF=	otal= 500 0 0 0 1.00 Total= 500 0	0, 100000000000000000000000000000000000	5 min 0700 0 0 0 0 0 0 0 eak 12 , 15 n	1200 (ute (- 1300 drops 0 090 0 0 0 0 1300 (0 te dr 0 090	0 (199), S 0 100 0 0 0 0 0 0 0 0 0 0 0 0	PM PH 0 1100 0 0 0 0 0 0 0 0 0 PHF=1.0	1200 0 0 0 0 0	1300 0 0 0 0 0	1400 0 0 0 0 0	1500 0 0 0 0	1600 0 0 0 0	1700 0 0 0 0 0	1800 0 0 0 0	0 0 0 0 0	2000 0 0 0 0	0 0 0 0 0	0 0 0 0 0	2300 0 0 0 0 0
riday, 0 010 0 0 0 0 0 0 0 0 0 aturda 0 0 0 0	May 0 02 0 0 0 0 0 0 0 0 0 0 0 0 0	7 13, 2 0 0 030 0 0 0 0 100 (0)	2022 00 04 0 0 0 0 0, AM I 4, 20 0 0 04 0	- To 00 0: 0 0 0 0 0 PHF=	tal= 500 0 0 0 1.00 Total= 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0, 10, 0000 0000 0000 0000 PM P al=0	5 min 0700 0 0 0 0 0 0 0 eak 12 , 15 n 0700 0	1200 oute () 0800 () () () () () () () () () () () () ()	- 1300 drops 0 090 0 0 0 1300 (0 te dr 0 090 0	0 (199), s 0 100 0 0 0 0 0 0 0 0 0 0 0 0	PM PH 0 1100 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0	1300 0 0 0 0 0 0	1400 0 0 0 0 0 0 0	1500 0 0 0 0 0 0	1600 0 0 0 0 0	1700 0 0 0 0 0 0	1800 0 0 0 0 0 0	0 0 0 0 0	2000 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	2300 0 0 0 0 0 0
riday, 0 010 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	May 0 02 0 0 0 0 0 0 0 0 0 0 0 0 0	7 13, 2 0 0 030 0 0 0 100 (0)	2022 00 04 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- To 00 01 0 0 0 0 0 0 PHF= 00 01 0 0	otal= 500 0 0 0 0 1.00 Tota 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0, 10, 00000000000000000000000000000000	5 min 0700 0 0 0 0 0 0 0 0 0 eak 12 0700 0 0 0 0 0 0 0 0 0 0 0	1200 oute () 0800 () () () () () () () () () () () () ()	- 1300 drops 0 090 0 0 0 0 0 1300 (0 te dr 0 090 0	0 (199), s 0 100 0 0 0 0 0 0 0 0 0 0 0 0	PM PH 0 1100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0	1300 0 0 0 0 0 0	1400 0 0 0 0 0 0	1500 0 0 0 0 0	1600 0 0 0 0 0	1700 0 0 0 0 0 0	1800 0 0 0 0 0	1900 0 0 0 0	2000 0 0 0 0 0 0	0 0 0 0 0 0	2200 0 0 0	2300 0 0 0 0 0 0 0
riday, 0 010 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	May 0 02 0 0 0 0 0 0 0 0 0 0 0 0 0	/ 13, 2 0 030 0 0 0 0 1100 (0) May 14 0 0 0 0 0 0	2022 00 04 0 0 0 0 0, AM I 4, 20 0 0 0 04 0 0	- To 00 01 0 0 0 0 0 0 0 0 0 0 0 0 0	otal= 500 0 0 0 0 1.00 Total= 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0, 10, 0000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 min 0700 0 0 0 0 0 0 0 0 0 eak 12 0700 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 (ute (080) (200 - 1	- 1300 drops 0 090 0 0 0 0 1300 (0 te dr 0 090 0	0 (199), S 0 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM PH 0 1100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0	1400 0 0 0 0 0 0	1500 0 0 0 0 0 0	1600 0 0 0 0 0 0	1700 0 0 0 0 0 0 1700 0 0 0	1800 0 0 0 0 0 0	0 0 0 0 0 0	2000 0 0 0 0 0 0 0 2000 0 0	2100 0 0 0 0	2200 0 0 0	2300 0 0 0 0 0 0 0
riday, 0 010 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	May 0 02 0 0 0 0 0 0 0 0 0 0 0 0 0	/ 13, 2 0 030 0 0 0 0 1100 (0) May 14 0 0 0 0 0 0 0 0	2022 0 0 04 0 0 0 0 0 0 0 0 1, AM I 4, 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- To 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	tal= 500 0 0 0 1.00 Tota 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0, 18 0 600 0 0 0 0 0 0 0 0 0 0 0 0	5 min 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 lute (080) (200 - 1	- 1300 drops 0 090 0 0 0 1300 (0 te dro 0 090 0	0 (199), s 0 100 0 0 0 0 0 0 0 0 0 0 0 0	0 11000 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0	1400 0 0 0 0 0 0	1500 0 0 0 0 0 0	1600 0 0 0 0 0	1700 0 0 0 0 0 0	1800 0 0 0 0 0	1900 0 0 0 0	2000 0 0 0 0 0 0	0 0 0 0 0 0	2200 0 0 0	2300 0 0 0 0 0 0 0
riday, 0 010 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	May 0 02 0 0 0 0 0 0 0 0 0 0 0 0 0	/ 13, 2 0 030 0 0 0 0 1100 (0) May 14 0 0 0 0 0 0 0 0	2022 0 0 04 0 0 0 0 0 0 0 0 1, AM I 4, 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- To 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	tal= 500 0 0 0 1.00 Tota 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0, 18 0 600 0 0 0 0 0 0 0 0 0 0 0 0	5 min 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 lute (080) (200 - 1	- 1300 drops 0 090 0 0 0 1300 (0 te dro 0 090 0	0 (199), s 0 100 0 0 0 0 0 0 0 0 0 0 0 0	0 11000 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0	1400 0 0 0 0 0 0	1500 0 0 0 0 0 0	1600 0 0 0 0 0 0	1700 0 0 0 0 0 0 1700 0 0 0	1800 0 0 0 0 0 0	0 0 0 0 0 0	2000 0 0 0 0 0 0 0 2000 0 0	2100 0 0 0 0	2200 0 0 0	2300 0 0 0 0 0 0 0
riday, 00 010 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	May 0 02 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	/ 13, 2 0 030 0 0 0 0 100 (0) May 1/0 0 0 0 0 0 0 100 (0)	2022 0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0	- To	tal= 500 0 0 0 1.00 Tota 500 0 0 1.00 Tota	60, 15 06000 0 0 0 0 0 0 0 0 0 0 0 0	5 min 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 ute (0800 cm (0800	- 1300 drops 0 090 0 0 1300 (0 te drops 0 0 1300 (0	0 (199), s 0 100 0 0 0 0 0 0 0 0 0 0 0 0	PM PH 0 1100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0	1400 0 0 0 0 0 0	1500 0 0 0 0 0 0	1600 0 0 0 0 0 0	1700 0 0 0 0 0 0 1700 0 0 0	1800 0 0 0 0 0 1800 0 0 0	1900 0 0 0 0	2000 0 0 0 0 0 0 2000 0 0 0	2100 0 0 0 0	2200 0 0 0	2300 0 0 0 0 0 0 0 0 0
riday, 0 010 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	May 0 02 0 0 0 0 0 0 0 0 0 0 0 0 0	/ 13, 2 0 030 0 0 0 0 100 (0) May 14 0 030 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2022 0 04 0 0 0 0 0 0 0 0 0 0 0 0 0	- TO 00 0 0 0 0 0 0 0 0 PHF= 22 - 00 0 0 0 0 0 PHF= 2 - T	tal=	60, 15 06000 0 0 0 0 0 0 0 0 0 0 0 0	5 min 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 ute (0800) (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- 1300 drops 0 090 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	O (199), S O 100 O O O O O O O O O O O O O O O O O O	PM PH 0 1100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1100 0 0 0 0 0 0 0 PHF=1.	1200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0	1400 0 0 0 0 0 0	1500 0 0 0 0 0 0	1600 0 0 0 0 0 0	1700 0 0 0 0 0 0 1700 0 0	1800 0 0 0 0 0 0	1900 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0	2200 0 0 0 0 0	2300 0 0 0 0 0 0
riday, 0 010 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	May 0 02 0 0 0 0 0 0 0 0 0 0 0 0 0	/ 13, 2 0 030 0 0 0 100 (0) May 14 0 030 0 0 100 (0)	2022 0 04 0 0 0 0 0 0 0 0 0 0 0 0 0	- TO 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	tal=	0, 15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 min 07000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0800 0 0 0 0 0 0 0 0 0 0	- 1300 drops: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 (199), s 0 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM PH 0 1100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 1300 0	1400 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0 0 0
riday, 0 010 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	May 0 02 0 0 0 0 0 0 0 0 0 0 0 0 0	/ 13, 2 0 030 0 0 0 0 1100 (0) May 16 0 0 100 (0) Ay 15, 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2022 0 0 04 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- TO 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	tal=	0, 15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 min 07000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0800 0800 0800 0800 0800 0800 0800 0800 0800 0800 0800 0800 0800 0800 0800 0800 0800	- 1300 drops: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 (199), s 0 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM PH 0 1100 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 1300 0 0	1400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0	1700 0 0 0 0 0 0 1700 0 0	1800 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0 0 0
riday, 0 010 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	May 0 02 0 0 0 0 0 0 0 0 0 0 0 0 0	/ 13, 2 0 0 0 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2022 0 04 0 0 0 0 0 0 0 0 0 0 0 0 0	- TO 00 0 0 0 0 0 0 0 0 0 0 0 0 0	tal= 500 0 0 0 1.00 Total 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM P al=0 000000000000000000000000000000000	5 min 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0800 0800 0800 0800 0800 0800 0800 0800 0800 0800 0800 0800 0800 0800 0800 0800 0800	- 1300 drop: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	O (199), S O 100 O O O O O O O O O O O O O O O O O O	PM PH 0 1100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 1300 0 0	1400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 1500 0 0 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 1700 0 1700 0 0	1800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0 0
riday, 0 010 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	May 0 02 0 0 000 - C	/ 13, 2 0 030 0 0 0 0 100 (0) May 14 0 030 0 0 0 0 100 (0)	2022 0 04 0 0 0 0 0 0 0 0 0 0 0 0 0	- TO 00 0 0 0 0 0 0 0 0 0 0 0 0 0	tal= 500 0 0 0 1.00 Total 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	E0, 15 00000 000000000000000000000000000000	5 min 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 to 6	- 1300 (C te dro)	O (199), S O 100 O O O O O O O O O O O O O O O O O O	PM PH 0 1100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 1500 0 0 0	1600 0 0 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0 0 0
riday, 0 010 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	May 0 02 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	/ 13, 2 0 0 030 0 0 0 0 0 0 1000 (0) May 16, 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2022 0 04 0 0 0 0 0 0 0 0 0 0 0 0 0	- To 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	tal= 500 0 0 0 1.00 Tota 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	E0, 15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 min 07000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 ute (0800 () () () () () () () () () (- 1300 drops: -	O (199), S O 100 O O O O O O O O O O O O O O O O O O	PM PH 0 1100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 1300 0 0	1400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 1500 0 0 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 1700 0 1700 0 0	1800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0 0
riday, 00 010 0 0 0 0 0 0 0 Peak 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	May 0 02 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	/ 13, 2 0 0 030 0 0 0 0 0 0 1000 (0) May 16, 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2022 0 04 0 0 0 0 0 0 0 0 0 0 0 0 0	- To 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	tal= 500 0 0 0 1.00 Tota 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	E0, 15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 min 07000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 ute (0800 () () () () () () () () () (- 1300 drops: -	O (199), S O 100 O O O O O O O O O O O O O O O O O O	PM PH 0 1100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 1500 0 0 0	1600 0 0 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0 0 0
riday, 00 010 0 0 0 0 0 0 0 Peak 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	May 0 02 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	/ 13, 2 0 0 0 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2022 0 0 04 0 0 0 0 0 0 0 0 0 0 0 0 4, 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- To 00 0: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	tal= 500 0 0 0 1.00 Total 500 0 0 0 0 1.00 1.00	E0, 19 0600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 min 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 te 6 0800 fe 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- 1300 drop: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	O (199), S O 100 O O O O O O O O O O O O O O O O O O	PM PH 0 1100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	F=0.84 1200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 1500 0 0 0	1600 0 0 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0 0 0
riday, 0 010 0 0 0 0 0 0 0 0 0 0 Peak 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 Peak 00 Peak 00 Peak 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	May 0 02 0 0 0 0 0 0 0 0 0 0 0 0 0	/ 13, 2 0 030 0 0 0 0 0 1100 (0) May 1 0 0 0 1100 (0) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2022 200 04 0 0 0 0 0 0 0 0 0 0 0 0 0	- To 00 0	tal= 500 0 0 1.00 1.00 1.00 1.00 1.00 1.00 1	EO, 15 0600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 min	1200 te 6	- 1300 (Cotete),	O (199), S O 100 O O O O O O O O O O O O O O O O O O	PM PH 0 1100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 1500 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0 0 0
riday, 0 010 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	May 0 02 0 0 0 0 0 0 0 0 0 0 0 0 0	/ 13, 2 0 030 0 0 0 0 0 1100 (0) May 1 0 0 0 1100 (0) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2022 200 04 0 0 0 0 0 0 0 0 0 0 0 0 0	- To 00 0	tal= 500 0 0 1.00 1.00 1.00 1.00 1.00 1.00 1	EO, 15 0600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 min	1200 to 6	- 1300 (C te dro 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	O (199), S O 100 O O O O O O O O O O O O O O O O O O	PM PH 0 1100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 1500 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0 0 0
riday, 0 010 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	May 0 02 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	/ 13, 2 0 030 0 0 0 0 0 1000 (0) May 16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2022 20 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0	- To 00 0	tal= 500 0 0 0 1.00 Total 500 0 0 0 0 1.00 Total 500 0 0 0 0 0 0 0 0 0 0 Total 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM P al=0 0000 0000 0000 0000 0000 0000 000	5 min	1200 ute (- 1300 (C te dro 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 (199), s 0 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM PH 0 1100 0	1200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 1500 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0 0 0
riday, 0 010 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	May 0 02 0 0 000 - C 0 000 - C 0 0 0 0 0 0 0 0 0	/ 13, 2 0 030 0 0 0 0 0 0 1000 (0) May 16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2022 0 04 0 0 0 0 0 0 0 0 0 0 0 0 0	- To 00 0: 0 0: 0 0: 0 0: 0 0: 0 0: 0 0: 0	tal= 500 0 1.00 Total 500 0 0 0 0 1.00 Total 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	E0, 15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 min 0700 0 0 0 0 0 0 0 0 0 0 0	1200 ute (0800 cm) (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- 1300 drops: -	0 (199), s 0 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM PH 0 1100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 1500 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0 0 0
riday, 0 010 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	May 0 02 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	/ 13, 2 0 030 0 0 0 0 1000 (0) May 16 0 0 0 0 1000 (0) ay 16 0 0 1000 (0) ay 16	2022 0 0 04 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- To 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	tal =	E0, 15 0600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 min	1200 te 6 800 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- 1300 drop: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	O (199), S O 100 O O O O O O O O O O O O O O O O O O	PM PH 0 1100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 1500 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0 0 0

AM Peak 0000 - 0100 (0), AM PHF=1.00

VehicleCount-264 -- English (ENU)

Datasets:

Site: [Pleasant Grove] Location 3 - On 1300 W inbetween 1440 N and 1340 N

Attribute: Box 15

Direction: 7 - North bound A>B, South bound B>A. **Lane:** 1

Survey Duration: 10:17 Monday, May 9, 2022 => 13:40 Monday, May 16, 2022,

Zone:

File: Location 3 - 1300 W inbetween 1440 N and 1340 N.EC0 (Plus)

Identifier: TE782G2C MC5900-X13 (c)MetroCount 09Nov16

Algorithm: Factory default axle (v5.05)

Data type: Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time: 10:18 Monday, May 9, 2022 => 13:40 Monday, May 16, 2022 (7.14031)

Included classes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Speed range: 6 - 99 mph.

Direction: North, East, South, West (bound), P = North, Lane = 0-16

Separation: Headway > 0 sec, Span 0 - 328.084 ft

Name: Default Profile

Scheme: Vehicle classification (Scheme F3)
Units: Non metric (ft, mi, ft/s, mph, lb, ton)
In profile: Vehicles = 12329 / 12337 (99.94%)

000							8 (Inc							1400	1500	1600	1700	1000	1 000	2000	2100	2200	3300
<u>-</u>	TOO	0200 (-	U4UU -	0000	0000	0700	0000	0900	1000	1100	1200		330	302	313	381	296	1900	2000	145	83	2300 35
_	_	_	_	_	_	_	_	_	_	_	0	0	54	54	82	70	110	82	55	62	41	27	11
_	_	_	_	_	_	_	_	_	_	0	0	0	54	76	73	82	103	69	41	56	35	22	9
_	_	_	_	_	_	_	_	_	_	0	0	0	58	94	69	77	92	63	66	49	36	20	9
-	-	-	-	-	-	-	-	-	-	0	0	12	47	106	78	84	76	82	30	39	33	14	6
l Peak	1645	- 1745	(389)	, PM P	HF=0.	88																	
Tues	day,	May	10, 2	2022	- Tota	al=40	55, 1	5 mir	nute d	drops	;												
		0200 0																					
21	8	2	0	9	28	72	258	259	199	155	180	258	201	301	324	362	431	327	236	199	125	66	32
4 11	3	1	0	1 1	3 8	17	45 45	70 73	59 45	39 43	38 54	76 59	41 49	41 76	79 91	96 98	101 125	97	81 59	54 43	45 38	20	
4	2	0	1	1	8	18	84	54	46	34	35	64	49	104	80	79	101	82 65	55	59	21	14	12 8
2	1	1	1	6	9	28	84	62	49	39	53	59	62	80	74	89	101	83	41	43	21	15	3
		- 0830		-	-									00	/ 1	0,5	104	03	71	43	21	13	5
A/ - al -		lass M	4	4 20	<u> </u>	T-4-1	_4404	. 45	· 														
		l ay, M 0200 (1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
12	5	4	6	13	34	71	265	233	207	159	229	320	298	240	330	337	407	306	224	207	133	65	27
4	2	1	2	3	5	8	32	65	66	39	43	59	84	50	75	69	112	82	67	60	33	19	8
2	1	2	1	2	10	12	49	58	46	39	47	86	79	61	77	97	107	78	54	56	41	22	8
1	1	1	3	4	6	25	92	58	51	33	74	94	77	58	89	83	89	69	51	42	30	14	4
5	1	0	0	4	13	26	92	52	44	48	65	81	58	71	89	88	99	77	52	49	29	10	7
Peak	0730	- 0830	(307)	, AM P	HF=0.8	83 PM	Peak	1700 -	1800 (407), P	M PHE	=0.91											
hur	sdav	, May	12.	2022	- To	tal=1	634. ·	15 mi	nute	drop	s												
00 0	100	0200 0	300	0400	0500	0600	0700	0800	0900	1000	1100											2200	
14	6	4	0	10	24	52	258	263	185	157	185	267	209	0	0	0	0	0	0	0	0	0	0
4	2	2	0	2	3	9	40	78	63	32	42	64	61	0	0	0	0	0	0	0	0	0	0
5	2	2	0	1	4	8	54	61	40	36	48	71	54	0	0	0	0	0	0	0	0	0	0
4	1	0	0	2	5	15	73	62	43	38	40	57	52	0	0	0	0	0	0	0	0	0	0
1	1	0	0	5	12	20	91	62	39	51	55	75	42	0	0	0	0	0	0	0	0	0	0
rida	ıy, M	ay 13	, 202	22 - T	otal=	=0, 15	min	ute d	rops	267), P				1.400	1500	1.000	1700	1000	1000	2000	0100	2222	0200
Frida	ı y, M	ay 13	, 20 2	22 - T 0400 0	otal= 0500 0	= 0, 15 0600 0	5 min 0700 0	ute d	rops 0900 0	1000	1100 0	1200 0	1300	0	0	0	0	0	0	0	0	0	0
rida 00 0 0	19, M	ay 13	, 20 2	22 - T	otal=	= 0, 15	0700 0	ute d 0800 0	rops 0900 0	1000 0	1100 0	1200 0	1300 0	0	0	0	0	0	0	0	0	0	0
rida 00 0 0 0	100 0 0	ay 13	, 20 2	22 - T 0400 0 0	otal= 0500 0	= 0, 15 0600 0	0700 0 0	0800 0 0	rops 0900 0	1000 0 0	1100 0 0	1200 0 0	1300 0 0	0 0	0 0 0	0 0 0	0 0 0	0 0	0 0 0	0 0	0 0	0 0	0 0 0
rida 00 0 0 0 0	o 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0	22 - T	otal= 0500 0 0	0, 15 0600 0	0700 0700 0	0800 0 0 0	0900 0900 0	1000 0 0 0	1100 0 0 0 0	1200 0 0 0	1300 0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0 0
Frida 00 0 0 0 0 0 0 0	0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0	0400 0 0 0	0500 0 0 0 0	0, 15 0600 0 0	0700 0700 0 0	0800 0 0 0 0	0900 0900 0 0	1000 0 0 0 0 0	1100 0 0 0 0 0	1200 0 0 0 0	1300 0 0	0 0	0 0 0	0 0 0	0 0 0	0 0	0 0 0	0 0	0 0	0 0	0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 Peak	0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	22 - T 0400 0 0 0 0 0 0 M PHF	Otal= 0500 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0700 0 0 0 0 0 0 0	000 - 13	rops 0900 0 0 0 0 0	1000 0 0 0 0 0	1100 0 0 0 0 0	1200 0 0 0 0	1300 0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0 0
rida 00 0 0 0 0 0 0 Peak	19, M 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ay 13	, 202 0 0 0 0 0 0 0 0 0 14,	22 - T 0400 0 0 0 0 0 0 0 0 0 0 2 M PHF	otal= 0500 0 0 0 0 0	=0, 15 0600 0 0 0 0 PM P	5 min 0700 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	ute d 0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rops 0900 0 0 0 0 000 (0),	1000 0 0 0 0 0	1100 0 0 0 0 0 0	1200 0 0 0 0	1300 0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0
rida 00 0 0 0 0 0 0 Peak	19, M 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	, 202 0 0 0 0 0 0 0 0 0 14,	22 - T 0400 0 0 0 0 0 0 0 0 0 0 2 M PHF	otal= 0500 0 0 0 0 0	=0, 15 0600 0 0 0 0 PM P	5 min 0700 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	ute d 0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rops 0900 0 0 0 0 000 (0),	1000 0 0 0 0 0	1100 0 0 0 0 0 0	1200 0 0 0 0	1300 0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0
rida 00 0 0 0 0 0 0 Peak	19, M 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ay 13 0200 0 0 0 0 - 0100	, 202 0 0 0 0 0 0 0 0 0 14,	22 - T 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	otal= 0500 0 0 0 0 :=1.00 - Tot	=0, 15 0600 0 0 0 0 0 PM P	0700 0 0 0 0 0 0 0 0 eak 12	0800 0 0 0 0 0 0 0 0 0 0 0 0 0	rops 0900 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1000 0 0 0 0 PM PH	1100 0 0 0 0 0 0 1F=1.0	1200 0 0 0 0 0	1300 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0
rida 00 0 0 0 0 0 0 Peak	o 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ay 13 0200 0 0 0 0 - 0100 , May	, 202 0 0 0 0 0 0 0 0 0 14, 1300 0	22 - T 0400 0 0 0 0 0 M PHF 2022 0400 0	otal= 0500 0 0 0 0 0 - Tot 0500 0	e0, 15 0600 0 0 0 0 0 PM P	0700 0 0 0 0 0 0 eak 12 15 m	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rops 0900 0 0 0 0 0 0 0 0 0 0 0 0 0	1000 0 0 0 0 PM PH ps 1000	1100 0 0 0 0 0 1F=1.0	1200 0 0 0 0 0	1300 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	2200 0	0 0 0 0 0
rida 0 0 0 0 0 0 0 0 0 Peak satur 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ay 13 0200 0 0 0 0 0 - 0100 , May	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	22 - T 0400 0 0 0 0 0 M PHF 2022 0400 0 0	0500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	e0, 15 0600 0 0 0 0 0 PM P tal=0, 0600	0700 0 0 0 0 0 0 0 eak 12 15 m	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rops 0900 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1000 0 0 0 0 0 PM PH ps 1000 0	1100 0 0 0 0 0 1F=1.0	1200 0 0 0 0 0	1300 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0
o o o o o o o o o o o o o o o o o o o	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ay 13 0200 0 0 0 0 0 - 0100 , May	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	22 - T 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0, 15 0, 600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0700 0 0 0 0 0 0 0 0 eak 12 15 m 0700 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rops 0900 0 0 0 0 0 0 0 0 0 0 0 0	1000 0 0 0 0 0 0 0 PM PH PS 1000 0 0	1100 0 0 0 0 0 1F=1.0	1200 0 0 0 0 0 0	1300 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 1500 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0
Frida	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ay 13 0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(0), A	22 - T 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	=0, 15 0600 0 0 0 0 0 0 0 0 0 0 0 0	5 mini 0700 0 0 0 0 0 0 0 eak 12 15 m 0700 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rops 0900 0 0 0 0 0 0 0 0 0 0 0 0	1000 0 0 0 0 0 0 0 0 PM PH ps 1000 0 0	1100 0 0 0 0 0 0 1F=1.0	1200 0 0 0 0 0 0	1300 0 0 0 0 0 0	0 0 0 0 0 0 1400 0 0 0	0 0 0 0 0 0 1500 0 0 0	0 0 0 0 0 0	1700 0 0 0 0	0 0 0 0 0 0 1800 0 0 0	0 0 0 0 0 0 1900 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 2100 0 0 0	2200 0 0 0 0	0 0 0 0 0 0
Frida	y, M 100 0 0 0 0 0 0 0 0 0 0 0 0	ay 13 0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	, 202 3300 0 0 0 0 0 0 0 0 0 0 0 0	22 - T 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	otal= 0500 0 0 0 0 - Tot 0500 0 0 0 0 Tota	=0, 15 0600 0 0 0 0 0 0 0 0 0 0 0 0	6 mini 0700 0 0 0 0 0 eak 12 15 m 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rops	1000 0 0 0 0 0 0 0 PM PH PS 1000 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 1F=1.0	1200 0 0 0 0 0 0 1200 0 0 0	1300 0 0 0 0 0 0	1400 0 0 0 0	1500 0 0 0 0	1600 0 0 0 0	1700 0 0 0 0	1800 0 0 0 0	1900 0 0 0 0	2000 0 0 0 0 0 0 0	2100 0 0 0 0	2200 0 0 0 0	2300 0 0 0 0
Frida	vy, M 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ay 13 0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	, 202 300 0 0 0 0 0 0 0 0 0 0 0 0	22 - T 0400 0 0 0 0 0 0 M PHF 2022 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	otal= 0500 0 0 0 0 0 0 0 7=1.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM P al=0, 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 mini 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rops 0900 0 000 (0), e dro 0900 0 000 (0), drops	1000 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 1F=1.0	1200 0 0 0 0 0 0 1200 0 0 0 0	1300 0 0 0 0 0 0	0 0 0 0 0 0 1400 0 0 0	1500 0 0 0 0 0 0	0 0 0 0 0 1600 0 0	1700 0 0 0 0 1700 0 0	1800 0 0 0 0 0 1800	1900 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0	2100 0 0 0 0 0	2200 0 0 0 0 0	2300 0 0 0 0 0
Frida 0 0 0 0 0 0 0 Peak Satur 0 0 0 0 Peak Sund 0 0 0 0 O O O O O O O O O O O O O	vy, M 0 0 0 0 0 0 0 0 0 0 0 0 0	ay 13 0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	, 202 3300 0 0 0 0 0 0 0 0 0 0 0 0	22 - T 0400 0 0 0 0 M PHF 2022 0400 0 0 M PHF	**Total=** **O5000** O O O O O O O O O O O O O O O O O O	PM P al=0, 0 0 0 0 0 0 0 0 0 0 0 0	6 min 0700 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rops 0900 0 0 000 (0), edrops 000 (0), drops	1000 0 0 0 0 0 0 PM PH PS 1000 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 1F=1.0 1100 0 0 0 0 1F=1.0	1200 0 0 0 0 0 0 1200 0	1300 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0
Frida	y, M 100 (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ay 13 0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	, 202 3300 0 0 0 0 0 0 0 0 0 0 0 0	22 - T 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**Total	PM PP P	6 mini 0700 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rops 0900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1000 0 0 0 0 0 0 PM PH	1100 0 0 0 0 0 0 0 1100 0 0 0 0 0 1100 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 1300 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0
Frida	00000 rday, I	ay 13 0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(0), A 5, 20 (0), A	22 - T 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**Total=** **Ostal=** **Osta	PM P I=0, 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0700 0 0 0 0 0 0 0 0 eak 12 15 m 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rops 0900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1000 0 0 0 0 0 PM PH PS 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0
Frida 0 0 0 0 0 0 0 Peak 6 atul 0 0 0 0 0 0 0 0 0 0 0 0 0	00000	ay 13 0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	, 202 300 0 0 0 0 0 0 0 0 0 0 0 0	22 - T 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**Cotal=** **O500** O	PM P (al=0, 15 (b) 0600 (c) 0 (c)	0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rops 0900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1000 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0
Frida 0 0 0 0 0 0 0 0 Peak Satul 0 0 0 Peak Sund 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	o o o o o o o o o o o o o o o o o o o	ay 13 0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	, 202 0 0 0 0 0 0 0 0 0 0 0 0 0	22 - T 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**Total=** **Otal=**	PM P sal=0, 0600 0 0 0 0 0 0 0 0 0 0 0 0	0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rops 0900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1000 0 0 0 0 0 0 PM PH PS 1000 0 0 0 PM PH S 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 0 0 1100 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0
Frida	o o o o o o o o o o o o o o o o o o o	ay 13 0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	, 202 0 0 0 0 0 0 0 0 0 0 0 0 0	22 - T 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**Total=** **Otal=**	PM P sal=0, 0600 0 0 0 0 0 0 0 0 0 0 0 0	0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rops 0900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1000 0 0 0 0 0 0 PM PH PS 1000 0 0 0 PM PH S 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 0 0 1100 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0
Frida	ooooo lay, I	ay 13 0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(0), A	22 - T 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Otal	PM P Continue	6 mini 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	oute d	rops	1000 0 0 0 0 0 0 0 PM PH	1100 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0
Frida 0 0 0 0 0 0 0 0 0 Peak Satur 0 0 0 0 0 0 0 0 0 0 0 Peak Monco	oooooooooooooooooooooooooooooooooooooo	ay 13 0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(0), A 14, 300 0 (0), A 15, 20 300 0 0 0 0 0 0 0 0 0 0 0	22 - T 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Otal= 0500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	E0, 15 0600 0 0 0 PM P Eal=0, 0600 0 0 0 0 0 PM P FI=0, 1	o minio	oute d	rops 09000 0 0 000000000000000000000000000	1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0
Frida	oooooooooooooooooooooooooooooooooooooo	ay 13 0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	, 202 300 0 0 0 0 0 0 0 0 0 0 0 0	22 - T 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Otal	PM P sal=0, 0600 0 0 0 0 0 0 0 0 0 0 0 0	6 mini 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000 - 13 nute d 0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rops 0900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1000 0 0 0 0 0 0 0 0 PM PH PS 1000 0 0 0 0 0 0 PM PH S 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 0 1100 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 1300 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0
Frida	october 100 (100 (100 (100 (100 (100 (100 (100	ay 13 0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	, 202 300 0 0 0 0 0 0 0 0 0 0 0 0	22 - T	Otal	PM P Color Color Color Color	6 mini 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	oute d	rops 0900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1000 0 0 0 0 0 0 0 0 PM PH PS 1000 0 0 0 0 PM PH S 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0
Frida 0	ooooo lay, I	ay 13 0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(0), A 14, 300 0 (0), A 15, 20 0 0 0 0 0 0 0 0 0 0 0 0	22 - T 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Otal	PM P P	6 min 0700 0 0 0 0 0 0 0 0 0 0 0	oute d	rops	1000 0 0 0 0 0 0 0 PM PH ps 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0
Frida	october 100 (100 (100 (100 (100 (100 (100 (100	ay 13 0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	, 202 300 0 0 0 0 0 0 0 0 0 0 0 0	22 - T	Otal	PM P Color Color Color Color	6 mini 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	oute d	rops 0900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1000 0 0 0 0 0 0 0 0 PM PH PS 1000 0 0 0 0 PM PH S 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0

VehicleCount-274 -- English (ENU)

Datasets:

Site: [Pleasant Grove] Location 4 - On 1100 N Between 860 W and 600 W

Attribute: Box 12

Direction: 8 - East bound A>B, West bound B>A. **Lane:** 0

Survey Duration: 10:19 Monday, May 9, 2022 => 13:38 Monday, May 16, 2022,

Zone:

File: Location 4 - 1100 N Between 860 W and 600 W.EC0 (Plus)

Identifier: TD487P87 MC5900-X13 (c)MetroCount 09Nov16

Algorithm: Factory default axle (v5.05)

Data type: Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time: 10:20 Monday, May 9, 2022 => 13:38 Monday, May 16, 2022 (7.13804)

Included classes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Speed range: 6 - 99 mph.

Direction: North, East, South, West (bound), P = East, Lane = 0-16

Separation: Headway > 0 sec, Span 0 - 328.084 ft

Name: Default Profile

Scheme: Vehicle classification (Scheme F3)
Units: Non metric (ft, mi, ft/s, mph, lb, ton)
In profile: Vehicles = 20704 / 20746 (99.80%)

					Total:									1 400	1500	1600	1700	1000	1 0 0 0	2000	2100	2200	3300
_	0100	-	-	0400	0000	-	0 / 0 0	-	0 9 0 0	1000	1100	1200	299	487	539	525	586	501	412	340	207	132	42
_	_	_	_			_	_	_	-	_	0	0	61	80	151	136	117	154	126	91	52	49	15
_	_	_	_	-	_	-	-	_	-	0	0	0	89	114	134	126	144	102	114	94	60	42	7
-	_	_	_	-	_	_	-	_	-	0	0	0	73	129	123	127	163	126	84	71	55	14	11
_	_	-	-	-	-	-	-	-	-	0	0	0	76	164	131	136	162	119	88	84	40	27	9
Pea	IK 1/1:	5 - 181	5 (623)	, PW F	PHF=0.	.96																	
ue	sday	, May	10, 2	2022	- Tota	al=66	324, 1	5 mir	ute (drops	;												
													1300 339	1400 586	1500 599	1600 575	1700 642			2000 325	2100	2200 125	
4	1 1	0	0	0	0	0	159 0	477 151	431	314 81	396	432 112	86	123	158	137	155	548	388 110	80	225 58	37	56
0	0	0	0	0	0	0	0	102	101	81	94	98	91	148	138	142	177	140	95	84	68	44	13
1	0	0	0	0	0	0	21	101	84	76	90	114	75	157	161	134	160	136	98	90	54	22	14
1	0	0	0	0	0	0	138	123	106	76	126	108	87	158	142	162	150	129	85	71	45	22	9
_			-		PHF=0.								0,	100			100	123	00	, -	10		
Noc	lnaar	lov N	lov 1	14 20)22 - ⁻	Total	-702	E 1E	minu	ıta dır.	ono												
												1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
21	10	7	11	18	59	149		427	372	325	409	564	468	447	536	588	588	538	428	329	200	88	44
6	2	0	4	2	6	27	55	135	112	65	97	158	105	107	107	135	174	150	121	89	50	34	24
6	3	3	1	0	12	35	101	86	109	75	101	149	112	117	140	147	140	127	117	88	58	30	11
6 3	2	2	2	7	13 31	29	100	89 117	74 77	87	101	130	123	90	133	160	149	130 131	96	63 89	49	11 13	2 7
		2 5 - 124 5	4 5 (547)	9 ΔΜ P	±د 2.PHF=0	58 87 PM	153 I Peak			98 627) P	110 M PHF	127 =0 90	128	133	156	146	125	131	94	89	43	13	1
			` '	•					`	,,		0.00											
					2 - To							1200	1300	1400	1500	1600	1700	1000	1 000	2000	2100	2200	3300
19	11	2	3	16	58	137	422	413	373	305	377	442	397	1400	1300	1600	0	1800	1900	2000	0	2200	2300
9	4	1	0	3	5	27	58	129	139	58	82	103	107	0	0	0	0	0	0	0	0	0	0
4	3	0	1	2	10	28	111	88	91	66	86	115	106	0	0	0	0	0	0	0	0	0	0
0	3	0	0	4	12	36		86	64	90	94	112	88	0	0	0	0	0	0	0	0	0	0
6	1	1	2	7	31	46		110	79	91	115	112	96	0	0	0	0	0	0	0	0	0	0
Pea	k 0715	- 0815	(493)	, AM P	PHF=0.8	82 PM	l Peak	1215 -	1315 (446), P	M PHF	=0.97											
اء :	N	1-1-4	2 20	22 7	F-4-1-	-0 45	!	4															
					Γotal= 0500					1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pea	k 0000	- 0100	(0), A	M PHF	F=1.00	PM P	eak 12	00 - 13	00 (0),	PM PI	HF=1.0	0											
:atı	ırdəv	Max	, 14	2022	- Tot	hal=0	15 n	ninuta	dro	ne													
											1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	O M DUE	0 5–4 00	0	0	0	0 (0)	0 DM DI	0	0	0	0	0	0	0	0	0	0	0	0	0
ı- ed	v 0000	- 0 100	, (U), A	w FNI	F=1.00	r IVI P	ean 12	oo - 13	υυ (U),	r (VI P)	1.0	U											
un	day,	May	15, 2	022 -	Tota	I=0, 1	15 mi	nute	drop	S													
																					2100		
0	0	0	0	0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-	-				F=1.00				-			-	J	U	J	J	J	J	J	J	U	U	U
Pea																							
	_	May			- Tota									1 400	1500	1.000	1700	1000	1000	2000	0100	2222	2200
lor			0.300	U4UU	0500	0600				1000	1100	1200	1300	1400	T200	T P O O	T / U O	T 8 0 0	T A O O	∠∪UU <u>-</u>	Z100	<u>ZZUU</u>	∠3UU <u>-</u>
/lor	0100	0200		n	0	0	0	0	()														
/lon	0100	0200	0	0	0	0	0	0	0				Λ	_	-	-	_	-	-	_			_
Vio n	0100 0	0200		0 0 0	0 0 0	0 0 0		0	0	0	0	0	0	-	-	_	_	_	_	_	_	_	_
/lon	0100	0200 0	0	0	0	0	0	0	0	0	0	0		- - -	-	- - -	-	- - -	- - -	- - -	- - -	- - -	-
00 0 0	0100 0 0 0	0200 0 0 0	0 0	0	0	0	0	0	0	0	0	0		- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -

VehicleCount-284 -- English (ENU)

Datasets:

Site: [Pleasant Grove] Location 5 - On 100 E between 1100 N and Pleasant Grove Middle School

Attribute: New Box 2

Direction: 7 - North bound A>B, South bound B>A. **Lane:** 2

Survey Duration: 10:24 Monday, May 9, 2022 => 13:33 Monday, May 16, 2022,

Zone:

File: Location 5 - 100 E between 1100 N and Pleasant Grove Middle School.EC0 (Plus)

Identifier: TZ675G2B MC5900-X13 (c)MetroCount 09Nov16

Algorithm: Factory default axle (v5.05)

Data type: Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time: 10:25 Monday, May 9, 2022 => 13:33 Monday, May 16, 2022 (7.13087)

Included classes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Speed range: 6 - 99 mph.

Direction: North, East, South, West (bound), P = North, Lane = 0-16

Separation: Headway > 0 sec, Span 0 - 328.084 ft

Name: Default Profile

Scheme: Vehicle classification (Scheme F3)
Units: Non metric (ft, mi, ft/s, mph, lb, ton)
In profile: Vehicles = 48779 / 48867 (99.82%)

000										1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
-	_	-	_	-	-	_	-	_	-	_	0	0	557	1120		1171	1502	1252	979	806	513	338	111
-	-	-	-	-	-	-	-	-	-	-	0	0	0	206	277	275	361	299	276	256	149	124	36
-	-	_	-	-	-	_	-	-	_	0	0	0	200	297	319	283	394	313	279	237	138	90	33
-	-	-	-	-	-	-	-	-	-	0	0	0	164	319	310	287	389	328	215	155	109	73	24
-	-	-	-	-	-	_	_	-	_	0	0	0	193	298	297	326	358	312	209	158	117	51	18
/I Pea	k 170	0 - 180	00 (150	02), PM	PHF=	0.95																	
Tues	dav	. Ma	v 10.	2022	- Tot	al=16	316.	15 mi	inute	drop	s												
000	100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100												
57	27	12	16		142		1048		834	718		1001			1308				929	780	608	307	131
25	8	2	3		11	45	142	330	235	167	180	246	232	234	336	355	413	335	259	198	171	91	35
14	6	6	2		28	54	241	229	211	172	158	231	212	330	323	346	370	331	245	192	157	91	37
10	9	2	3		44	74	319	242	188	187	176	263	195	330	324	328	399	330	227	201	152	65	35
8	4	2	8 E (400		59	113	346	241	200	192	236	261	204	307	325	344	387	309	198	189	128	60	24
Pear	071	0 - 001	5 (123	6), AM	PHF=(J.09 P	w Pear	(1700	- 1000	(1569)	, PIVI P	пг=0.8	75										
Ved	nes	day,	May	11, 20)22 - '	Total	=165	02, 15	i min	ute d	rops												
				0400																			
66	37	16	28		146			1070	731	703			1048	988		1284			1053	821	561	272	121
24	14	5	7		16	57	118	344	207	167	205	327	254	222	292	289	353	350	323	250	151	95	44
13	13	5 4	7		22	68	254 339	257	197 177	150	216	289	278	244	296	311	408	332 308	267	215	149	64	31
16	3	2	5 9		47	73 102	341	213 256	150	182 204	221 304	292 291	258 258	245 277	300 331	338 346	367 385	298	244 219	169 187	123 138	53 60	26 20
13 Daal					61 DUE-0									211	331	346	383	298	219	18/	138	60	20
Pear	(0/3	J - U83	0 (128	1), AM	PHF=(J.93 P	W Pear	(1700	- 1800	(1513)	, PIVI P	HF=U.S	13										
				, 2022																			
				0400																			
68	26	15	13		134		1084	989	821	645	812	963	570	3	0	0	0	0	0	0	0	0	0
21	11	6	2		11	38	143	315	233	155	173	241	246	0	0	0	0	0	0	0	0	0	0
21	8	5	3		32	51	281	220	234	162	197	228	224	3	0	0	0	0	0	0	0	0	0
16	4	2	5		36	69	354	212	162	173	190	247	100	0	0	0	0	0	0	0	0	0	0
10	3	2	3	16 (6), AM	55	75	306	242	192	155	252	247	0	0	0	0	0	0	0	0	0	0	0
				0 22 - 1						1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					0
0	0	0	0		0							U	U	U	U			0	0	0	0	0	U
0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0 0 0	0	0	0	0	-	0	0	0	0	0	0	0
-	0	0	0	0	0	0	0	0	0	0	0 0 0	0	0	0	0	0	0	0 0	0	0	0	0	0
Peak atu	0000 rday	o - 010 y, Ma	0 0 (0),	AM PHI	0 0 F=1.00	PM P	eak 12 , 15 m	00 - 13 100 - 100	00 (0), e dro	PM PI	0 0 0 HF=1.0	0 0 0	0 0 0	0 0	0 0 0	0	0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
Peak	0 0000 rday	0 0 - 010 y, Ma 0200	0 0 (0), 4 y 14,	0 0 AM PHI 2022	0 0 F=1.00 - To1	PM P tal=0	0 0 eak 12 , 15 m	0 00 - 13 ninute	0 00 (0), e dro	9 9 PM PH PS 1000	0 0 0 HF=1.0	0 0 0 0	0 0 0	0 0 0	0 0 0	1600	0 0 0	0 0 0	0 0 0	2000	2100	2200	2300
Peak Satu	0 0000 rday	0 - 010 y, Ma 0200 0	0 0 (0), 4 14, 0300 0	0 0 AM PHI 2022 0400 0	0 0 F=1.00 - Tot 0500 0	PM P tal=0,	0 0 eak 12 , 15 m 0700 0	0 00 - 13 ninute 0800 0	0 00 (0), e dro	PM PH ps 1000 0	0 0 0 HF=1.0	0 0 0 0	0 0 0 0	0 0 0 1400 0	0 0 0	0 0 0	0 0 0 1700 0	0 0 0	0 0 0 0	0 0 0	0 0 0	2200 0	0 0 0
Peak	rday	0 - 010 y, Ma 0200 0	0 0 (0), 4 0 300 0	0 0 0 AM PHI , 2022 0400 0	0 0 0 F=1.00 - Tot 0500 0	PM P tal=0 0000 0000 0000	0 0 eak 12 , 15 m	0 00 - 13 ninute	0 00 (0), e dro	9 9 PM PH PS 1000	0 0 0 1 F=1.0	0 0 0 0	1300 0 0	1400 0	1500 0	1600 0	1700 0	1800 0	0 0 0	2000 0	2100 0	2200 0	2300 0
Peak 6atu 00 0 0	0 x 0000 rday	0 - 010 y, Ma 0200 0	0 0 (0), 4 19 14, 0300 0	0 0 0 AM PHI 2022 0400 0	0 0 0 F=1.00 - Tot 0500 0	PM P tal=0	0 0 0 eak 12 , 15 m 0700 0	0 00 - 13 ninute 0800 0	00 (0), e dro 0900 0	PM PH ps 1000 0	0 0 0 0 HF=1.0 1100 0 0	1200 0 0	1300 0 0	0 0 0 1400 0 0	1500 0 0	1600 0	1700 0 0	1800 0 0	1900 0 0	2000 0 0	2100 0 0	2200 0 0	2300 0 0
Peak	rday	0 - 010 y, Ma 0200 0	0 0 (0), 4 0 300 0	2022 0400 0	0 0 0 F=1.00 - Tot 0500 0	PM P tal=0 0000 0000 0000	0 0 eak 12 , 15 m 0700 0	0 00 - 13 ninute 0800 0	00 (0), e dro	PM PH ps 1000 0	0 0 0 1 F=1.0	0 0 0 0	1300 0 0	1400 0	1500 0	1600 0	1700 0	1800 0	1900 0	2000 0	2100 0	2200 0	2300 0
Peak Satu 00 0 0 0 0 0 0	0 00000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 - 010 y, Ma 0200 0 0 0	0 0 (0), A 0 3 0 0 0 0 0 0	2022 0400 0	0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 00 - 13 0 0 0 0 0 0	00 (0), 00 (0), 00 (0), 00 (0), 00 (0), 00 (0), 00 (0),	PM Ph ps 1000 0 0 0 0	0 0 0 11100 0 0 0 0	0 0 0 0 0	1300 0 0 0	1400 0 0	1500 0 0 0	1600 0 0 0 0	1700 0 0	1800 0 0 0	1900 0 0 0	2000 0 0 0	2100 0 0 0	2200 0 0 0	2300 0 0
Satu O O O O O O O O O O Peak	00000000000000000000000000000000000000	0 - 010 y, Ma 0200 0 0 0 0 0 0	0 0 (0), 4 0 (0), 4 0 (0), 4	0 0 0 0 2022 0400 0 0 0 0	0 0 0 7 - Tot 0500 0 0 0 0 0 0 0 0 0	PM P tal=0, 0600 0 0 0 0 PM P	0 0 0 0 15 m 0700 0 0 0 0 0 0	0 0 00 - 13 0 0 0 0 0 0 0 0 0	00 (0), edro 0900 0 0 0 0 0 0 0	PM PI 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 11100 0 0 0 0	0 0 0 0 0	1300 0 0 0	1400 0 0	1500 0 0 0	1600 0 0 0 0	1700 0 0	1800 0 0 0	1900 0 0 0	2000 0 0 0	2100 0 0 0	2200 0 0 0	2300 0 0
Satu 0000 0 0 0 0 0 0 Peak	rday 000000000000000000000000000000000000	0 - 010 y, Ma 0200 0 0 0 0 0 0 0 0 0 0 0 0	0 (0), A (0) (0) (0) (0) (0) (0) (0), A (0) (15, 2	0 0 0 0 2022 0400 0 0 0 0 0 0 0 0	F=1.00 0 F=1.00 0 0 0 0 0 0 0 0 0 0 F=1.00	PM P tal=0. 0600 0 0 0 0 0 PM P	0 0 0 0 15 m 0700 0 0 0 0 0 eak 12	0 0 00 - 13 ninute 0 0 0 0 0 0 0 0 0 0	00 (0), e dro 0900 0 0 00 (0),	PM PI 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1100 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0	1400 0 0 0 0 0 0	1500 0 0 0 0 0 0 0	1600 0 0 0 0 0	1700 0 0 0 0 0 0	1800 0 0 0 0 0 0 0	1900 0 0 0 0 0 0	2000 0 0 0 0 0 0	2100 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0	2300 0 0 0 0 0 0
Peak O O O O O O O O O O O O O O O O O O O	o 0000 rday,	0 - 010 /, Ma 0200 0 0 0 0 0 0 0 May 0200	0 (0), A (0) (0) (0) (0) (0) (0) (0), A (0), A (0) (0), A	0 0 0 0 2022 0400 0 0 0 0 0 0 0 0 0 0 0	0 0 0 7 - Tot 0500 0 0 0 0 0 F=1.00	0 PM P tal=0, 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 eak 12 , 15 m 0700 0 0 0 0 eak 12	0 0 00 - 13 ninute 0800 0 0 0 0 0 0 0 0	00 (0), e dro 0900 0 0 0 00 (0),	0 0 0 0 0 0 1000 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1100 0 0 0 0 0 0 0 0 1F=1.0	1200 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0	1600 0 0 0 0 0 0	1700 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0
Peak O O O O O O O Peak Sunc	00000 rday,	0 - 010 /, Ma 0200 0 0 0 0 0 0 0 0 May 0200	0 (0), 4 (0) (0) (0) (0) (0) (0) (0), 4 (0) (0) (0), 4 (0) (0), 4 (0) (0) (0) (0) (0) (0) (0) (0) (0) (0)	0 0 0 2022 0400 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 7 - Tot 0500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 PM P tal=0, 0600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 15 m 0700 0 0 0 0 0 0 0 eak 12	0 0 00 - 13 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00 (0), edro 0900 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1000 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1100 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0	1600 0 0 0 0 0 0	1700 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0
Satu 0 0 0 0 0 0 0 Peak	0 0000 rday,	0 - 010 /, Ma 0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 (0), A 0 (0 0 0 2022 0400 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 - Tot 0500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM P tal=0, 0000 PM P	0 0 0 0 15 m 0700 0 0 0 0 0 eak 12 15 mil 0700 0	0 0 00 - 13 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00 (0), 00 (0), 00 (0), 00 (0), drops	0 0 0 0 0 0 1000 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1100 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0
Peak 0 0 0 0 0 0 0 Peak 0	ox 0000 rday 00000 00000 00000 00000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000	0 - 010 /, Ma 0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 (0), 4 (0), 4 (0) (0), 4 (0) (0), 4	0 0 0 2022 0400 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 - Tot 0500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM P tal=0, 1 0000 PM P pm P	eak 12 , 15 m	0 00 - 13 ninute 0800 0 0 0 0 00 - 13 nute 0800 0	00 (0), 00 (0), 00 (0), 00 (0), drops 00 (0),	PM PH ps 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1100 0 0 0 0 0 0 0 1100 1100 0 0	1200 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0
Peak Satu 00 0 0 0 0 Peak 00 0 0 0 0 0 0 0 0 0 0 0 0	rday 00000 00000 00000 00000 00000 00000 0000	0 - 010 /, Ma 0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 (0), 2	0 0 0 2022 0400 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 - Tot 0500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM P tal=0, 1 0600 0 PM P	eak 12 , 15 m	0 00 - 13 ninute 0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00 (0), 00 (0), 00 (0), 00 (0), drops	PM PH ps 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1100 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0
Peak Satu 00 0 0 0 0 Peak 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00000000000000000000000000000000000000	0 - 010 /, Ma 0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 (0), 2 (0), 2 (0) (0), 2 (0) (0), 2 (0) (0), 2 (0) (0), 2 (0) (0), 2 (0) (0), 2 (0) (0), 2 (0) (0), 2 (0) (0), 2 (0) (0), 2 (0	0 0 0 2022 0400 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 - Tot 0500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM P tal=0, 0000 0000 0000 0000 0000 0000 0000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 00 - 13 ninute 0800 0 0 0 00 - 13 nute 0800 0	00 (0), 00 (0), 00 (0), 00 (0), drops 00 (0), 00 (0),	PM PI 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1100 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0
Peak Satu 0 0 0 0 0 0 Peak Sun(0 0 0 0 Peak Peak	00000000000000000000000000000000000000	0 - 0100 0 - 0100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 (0), 4 9 14, 0 300 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 2022 0 0 0 0 0 0 0 0 0 0 0 0 0	F=1.00 F=1.00 Tota 0500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM P tal=0, 1 0600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	eak 12 , 15 m 0700 0 0 0 0 0 0 0 0 0 0 0	0 00 - 13 ninute 0800 0 0 0 0 - 13 nute 0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000 (0), 000 (0), 000 (0), 000 (0), 000 (0), 000 (0),	PM Ph	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0
Peak Satu 0 0 0 0 0 Peak Sun 0 0 0 Peak Mon	o c 00000 day,	0 - 0100	0 (0), y 14, 03000 0 0 (0), x 15, 2 0 0 (0), x 16, 2 0 0 (0), x 16, 2 0 0 (2022 - 0400	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM P tal=0, 1 0600 PM P el=0, 1 0600 PM P	eak 12 , 15 m 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00 - 13 ninute 0800 0 00 - 13 nute 0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00 (0), e droo 00 (0), 00 (0), 00 (0), dropp 00 (0), 00 (0), 00 (0),	PM PH PH S 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0
Peak Satu O O O O O O Peak Sun O O O O O O O O O O O O O O O O O O O	o c 00000 day,	0 - 0100	0 (0), y 14, 03000 0 (0), x 15, 2 0 0 (0), x 16, 2 0 0 (0), x 16, 2 0 0 (0), x 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM P tal=0, 1 0600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	eak 12 , 15 m 0700 0 0 eak 12 15 mil 0700 0 0 0 0 0 0 0 0 0 0 0	00 - 13 ninute 0800 0 00 - 13 nute 0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00 (0), e droo 00 (0), 00 (0), 00 (0), dropp 00 (0), 00 (0), 00 (0),	PM PH PH S 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0
Peak Satu 0 0 0 0 0 0 Peak Sun 0 0 0 Peak Mon	00000000000000000000000000000000000000	0 - 010 y, Ma 02000 0 0 0 0 0 0 0 0 0 0 0 0 0	0 (0), y 14, 03000 0 (0), x 15, 2 03000 0 (0), x 16, 2 03000 0 (0), x 16	2022 - 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM P tal=0, 1 0600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	eak 12 , 15 m 0700 0 0 eak 12 15 mil 0700 0 0 0 0 0 0 0 0 0 0 0	00 - 13 ninute 0800 00 - 13 nute 0800 00 - 13 nute 0800 00 - 13	00 (0), e dro 00 (0), 00 (0), 00 (0), drope: 00 (0), 00 (0), 00 (0),	PM PH S 1000 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0
Peak Satu O O O O O Peak Sun O O O O O O O O O O O O O	o c 00000 day,	0 - 0100 0 - 0100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 (0), y 14, 0300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2022 - 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM P Continue Con	eak 12 , 15 m 0700 0 0 0 0 0 0 0 0 0 0 0	00 - 13 ninute 0800 0 00 - 13 nute 0800 0 00 - 13 nute 0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000 (0), 9 dropo 000 (0), 000 (0), 000 (0), 000 (0), 000 (0), 000 (0),	PM PI S 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0
Peak Satu 0 0 0 0 0 Peak Sunt 0 0 0 Peak Non 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	o c 00000 c 00000 day,	0 - 0100	0 (0), 4 0 (0),	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM P tal=0, 0600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	eak 12 , 15 m	00 - 13 ninute 0800 0 00 - 13 nute 0800 0 00 - 13 nute 0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000 (0), e dro 000 (0), 000 (0), 000 (0), 000 (0), 000 (0), 000 (0), 000 (0),	PM PH S 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0
Peak Satu 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00000000000000000000000000000000000000	0 - 0100	0 (0), 2 0 (0), 3 0 (0), 4 0 (0), 4 15, 2 0 0 (0), 4 0 0 (0), 4 0 0 (0), 4 0 0 (0), 6 0 0 (0), 6 0 0 (0), 6 0 0 (0), 6 0 0 (0), 7 16, 2 0 0 (0), 7 16, 2 0 0 (0), 7 16, 2 0 0 (0), 7 16, 2 0 0 (0), 7 17 18 18 18 18 18 18 18 18 18 18	2022 - 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM P tal=0, 0600 PM P	eak 12 , 15 m	00 - 13 ninute 0800 00 - 13 nute 0800 0 00 - 13 nute 0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000 (0), e dro 000 (0), 000 (0), 000 (0), 000 (0), 000 (0), 000 (0), 000 (0), 000 (0),	PM PH 1000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0

VehicleCount-294 -- English (ENU)

Datasets:

Site: [Pleasant Grove] Location 6 - on 600 W between 550 N & 400 N

Attribute: Box 20

Direction: 7 - North bound A>B, South bound B>A. **Lane:** 0

Survey Duration: 10:33 Monday, May 9, 2022 => 13:41 Monday, May 16, 2022,

Zone:

File: Location 6 - 600 W between 550 N & 400 N.EC0 (Plus) Identifier: TD43MFAP MC5900-X13 (c)MetroCount 09Nov16

Algorithm: Factory default axle (v5.05)

Data type: Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time: 10:34 Monday, May 9, 2022 => 13:41 Monday, May 16, 2022 (7.13047)

Included classes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Speed range: 6 - 99 mph.

Direction: North, East, South, West (bound), P = North, Lane = 0-16

Separation: Headway > 0 sec, Span 0 - 328.084 ft

Name: Default Profile

Scheme: Vehicle classification (Scheme F3)
Units: Non metric (ft, mi, ft/s, mph, lb, ton)
In profile: Vehicles = 22438 / 22471 (99.85%)

	0000	200		Total=									1 400	1 - 0 0	1	1700	1000	1000	0000	0100	0000	0000	
1100	U2UU () 00 C	J4UU _	<u>U5UU</u>	<u>U600</u>	0 / 0 0	0800	0900	T000	1100 222	1200 393	1300 401	1400 476	1500 548	1600 570	1700 632	1800 548	1900 407	2000 340	2100 257	2200 131	2300 62	
																							1
_	_	_	_	_	_	_	_	_	_	45	95	115	118	117	116	154	125	128	94	76	36	19	-
_	_	_	_	_	_	_	_	_	0	78	94	96	109	143	157	170	133	89	84	61	28	14	
- L 1715	- : 1915	- (642)	- DM D	_ SUE-0 (-	-	-	-	0	99	97	84	152	150	147	159	131	86	67	59	25	11	1
		•						_															
											1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
13	6	8	29	133	226	391	437	325	283		370	369	487	597	599	657	586	441	376	268	152	50	
4	0	2	6	5	47	84	128	83	63	70	85	110	105	157	145	156	166	143	97	89	46	15	1
1	3	2	8	23	55	85	89	72	64	69	91	74	107	138	144	159	151	114	104	86	50	17	
				46											153	160	146	94				9	1
-	_		-									80	153	150	157	182	123	90	100	44	23	9	
0730	- 0830	(439),	AM P	HF=0.8	36 PM	Peak '	1715 -	1815 (367), P	'M PHF	=0.92												
											1200	1300	1400	1500	1600	1700	1000	1 9 0 0	2000	2100	2200	3300	
5	3	3	7	12	45	85	111	99	71	84	115	111	99	137	144	163	128	109	101	78	51	16	1
7	2	2	12	24	50	85	113	78	90		109	120	122	130	155	160	139	108	104	85	38	28	
1	1	2	8	33	56	116	82	88	75		117	105	96	142	173	148	147	88	101	57	31	9	
2	2	4	5	52	60	109	113	85	82	106	106	113	137	156	167	164	134	96	92	46	22	10	
0730	- 0830	(449),	AM P	HF=0.9	€7 PM	Peak '	1630 -	1730 (663), P	'M PHF	=0.96												
																				-			
-												81	U	U	U	U	U	U	U	U	U	U	
100	0200 (300 (0500	0600	0700	0800	0900															
			0																				
				-						-													
0			0	0			0		0	0	ō									0			
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0000	- 0100	(0), AI	M PHF	=1.00	PM P	oak 120		00 (0)	DM DI											U			
		. ,,				can IZ	00 - 13	ου (υ),	PIVIPI	HF=1.0	0									U			
		14, 2		- Tota	al=0,	15 m	inute	dro	ps														
100	0200 (14, 2	0400	- Tota	al=0,	15 m	inute	e dro	ps	1100	1200									2100			
0100	0200 (14, 2 300 (0400	- Tota	al=0,	15 m	0800 0	900 0900 0	ps 1000 0	1100 0	1200 0	0	0	0	0	0	0	0	0	2100	0	0	
0 0	0200 (0 0	14, 2 300 (0	0400 0	- Tota	al=0, 0600 0	15 m 0700 0	0800 0	900 0900 0	ps 1000 0	1100 0	1200 0	0	0	0	0	0	0	0	0	2100 0	0	0	
0 0 0 0	0200 0 0 0 0	14, 2 0300 0 0 0	0 0 0 0	- Tota 0500 0 0	al=0, 0600 0	15 m 0700 0	0800 0 0	9 drop 0900 0	0 0	1100 0 0	1200 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0	2100 0 0	0 0 0	0 0 0	
0 0 0 0 0	0200 (0 0 0 0 0	14, 2 0 0 0 0 0	0400 0 0 0 0	- Tota	0600 0 0	0700 0 0 0	0800 0 0 0	0900 0 0 0	0 0 0 0	1100 0 0 0 0	1200 0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0	0	0 0 0	2100 0	0 0 0	0 0 0	
0 0 0 0 0 0	0200 0 0 0 0 0 0	14, 2 300 (0 0 0	0 0 0 0 0 0	- Tota 0500 0 0 0 0	0600 0000 0000	0700 0 0 0 0	0800 0 0 0 0	0900 0900 0 0	0 0 0 0 0	1100 0 0	1200 0 0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0	2100 0 0 0	0 0 0	0 0 0	
0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	14, 2 3300 (0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	- Total	eal=0, 0600 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	15 m 0700 0 0 0 0 0 0	0800 0 0 0 0 0 0	e drop 0900 0 0 0 0 0 0 0 0 0 0 0 0	PM PH	1100 0 0 0 0 0 0 HF=1.0	1200 0 0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	2100 0 0 0 0	0 0 0 0	0 0 0 0	
0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	14, 2 3300 (0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	- Total	eal=0, 0600 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	15 m 0700 0 0 0 0 0 0	0800 0 0 0 0 0 0	e drop 0900 0 0 0 0 0 0 0 0 0 0 0	PM PH	1100 0 0 0 0 0 0 HF=1.0	1200 0 0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	2100 0 0 0 0	0 0 0 0	0 0 0 0	
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14, 2 0300 (0 0 0 (0), Al	0 400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- Total	eal=0, 0600 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	15 m 0700 0 0 0 0 eak 120 5 mir 0700 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	e drop 0900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM PH	1100 0 0 0 0 0 0 HF=1.0	1200 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	2100 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0200 (0 0 0 0 0 0 - 0100	14, 2 0300 (0 0 0 (0), AM	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- Total	eal=0, 0600 0 0 0 0 0 0 0 0 1=0, 1	15 m 0700 0 0 0 0 0 eak 120	0800 0 0 0 0 0 0 0 0 0	e drop 0900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PS 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 HF=1.0	1200 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	2100 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0200 (0 0 0 0 0 - 0100 May 1 0200 (0 0	14, 2 0300 (0 0 0 0 (0), Al	0400 0 0 0 0 0 0 0 M PHF 022 -	- Total 0500 0 0 0 0 0 0 0 0 Total 0500 0 0 0	al=0, 0600 0 0 0 0 0 0 0 0 0 0 0 0	15 min 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	e drop 0900 0 0 0 00 (0), drops 0900 0	PS 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 0 HF=1.0 1100 0 0	1200 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	1700 0 0 0 0	0 0 0 0 0 1800 0	0 0 0 0 0 0	0 0 0 0 0	2100 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0200 (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14, 2 0300 (0 0 0 0 (0), Al	0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- Total 0500 0 0 0 0 0 0 0 0 Total 0500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	eal=0, 0600 0 0 0 0 0 0 0 0 0 1=0, 1 0600 0 0 0 0 0 0 0 0 0 0 0 0	15 min 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	e drop 0900 0 0 0 0 00 (0), drops 0900 0	PS 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 0 HF=1.00	1200 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 1900 0 0	0 0 0 0 0 0	2100 0 0 0 0 0 0 2100 0 0	2200 0 0 0 0	0 0 0 0 0 0	
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0200 (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14, 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- Total 0500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Eal=0, 0600 0 0 0 0 0 0 0 0 0 0 0 0	15 m 0700 0 0 0 0 0 0 eak 120 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	e drop 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PS 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 HF=1.00 1100 0 0	1200 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	1700 0 0 0 0	0 0 0 0 0 1800 0	0 0 0 0 0 0	0 0 0 0 0	2100 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0200 (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14, 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- Total 0500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Eal=0, 0600 0 0 0 0 0 0 0 0 0 0 0 0	15 m 0700 0 0 0 0 0 0 eak 120 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	e drop 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PS 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 0 HF=1.00	1200 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	1700 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 1900 0 0	0 0 0 0 0 0	2100 0 0 0 0 0 0 2100 0 0	2200 0 0 0 0	0 0 0 0 0 0	
00000 day, 00000 day,	0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14, 2 0 0 0 0 0 0 0 0 0 0 0 0 0	0400 0 0 0 0 0 0 M PHF 022 - 0400 0 0 0	- Total 0500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	eal=0, 0000 0000 PM PG 1=0, 1 0000 0000 PM PG	15 min 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	o drops 0 0 (0), drops 0 0 (0), 0 0 (0),	PM PH S 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 0 0 0 1100 0 0 0 0 0 0	1200 0 0 0 0 0 0 0	1300 0 0 0 0	1400 0 0 0	0 0 0 0 0 0 0 1500 0 0 0	0 0 0 0 0 0	1700 0 0 0 0	1800 0 0 0 0	1900 0 0 0 0	2000 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0	2300 0 0 0 0	
00000 day, 00000 00000 day,	0200 (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14, 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- Total 0500 0 0 0 0 0 0 0 0 Total 0500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	eal=0, 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15 m 0700 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	e drop 0900 0 000 (0), drops 0900 000 (0), 000 (0), e) , 1900	PM PH 5 PM PH 5 PM PH 5 1000 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 0 1100 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0	1400 0 0 0 0	0 0 0 0 0 0 0 1500 0 0 0	0 0 0 0 0 0	1700 0 0 0 0	1800 0 0 0 0	1900 0 0 0 0	2000 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0	2300 0 0 0 0	
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0200 (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14, 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- Total 0500 Total 0500 0 0 0 0 0 0 0 -=1.00 0 0 0 0	eal=0, 0600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15 m 0700 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	e drop 0900 0 000 (0), drops 0900 0 000 (0), 0 000 (0),	PM PH S 1000 0 0 0 0 0 0 0 0 0 0 PM PH S 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 HF=1.0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 1200 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0	1400 0 0 0 0	0 0 0 0 0 0 0 1500 0 0 0	0 0 0 0 0 0	1700 0 0 0 0	1800 0 0 0 0	1900 0 0 0 0	2000 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0	2300 0 0 0 0	
00000000000000000000000000000000000000	0200 (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14, 2 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- Total 0500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	eal=0, 0600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15 min 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800	e drop 0900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM PH S 1000 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 1100 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 1200 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0	0 0 0 0 0 0 0 1500 0 0 0	0 0 0 0 0 0	1700 0 0 0 0	1800 0 0 0 0	1900 0 0 0 0	2000 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0	2300 0 0 0 0	
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0200 (0 0	14, 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- Total 0500	eal=0, 0600 PM Pc 1=0, 1 0600 PM Pc 1=0, 1 0600 PM Pc 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15 m 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0	e drop 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM PH 5 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 0 1100 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0	1400 0 0 0 0	0 0 0 0 0 0 0 1500 0 0 0	0 0 0 0 0 0	1700 0 0 0 0	1800 0 0 0 0	1900 0 0 0 0	2000 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0	2300 0 0 0 0	
00000000000000000000000000000000000000	0200 (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14, 2 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- Total 0500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	eal=0, 0600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15 min 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800	e drop 0900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM PH S 1000 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 0 1100 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 1200 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0	0 0 0 0 0 0 0 1500 0 0 0	0 0 0 0 0 0	1700 0 0 0 0	1800 0 0 0 0	1900 0 0 0 0	2000 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0	2300 0 0 0 0	
	siday, 1000 13 4 4 4 4 4 4 4 4 4 4 4 1000 15 5 7 7 1 2 2 2 3 2 3 3 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	day, May 100 0200 0 1	day, May 10, 2 1000 0200 0300 0 13 6 8 4 0 2 2 1 03 2 4 1 2 4 1 2 4 1 2 2 0730 - 0830 (439), mesday, May 1 1000 0200 0300 0 15 8 11 5 3 3 7 2 2 1 1 2 2 2 4 1 0730 - 0830 (449), sday, May 12, 1000 0200 0300 0 9 9 10 4 3 1 4 1 4 1 4 3 0 1 2 10715 - 0815 (444), ay, May 13, 202 1000 0200 0300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	day, May 10, 2022 1000 0200 0300 0400 13 6 8 29 4 0 2 6 8 1 3 2 8 4 1 2 7 4 2 2 8 1 0730 - 0830 (439), AM P mesday, May 11, 20 100 0200 0300 0400 15 8 11 32 5 3 3 7 7 2 2 12 1 1 2 8 2 2 4 5 1 0730 - 0830 (449), AM P sday, May 12, 2022 1 1 1 2 8 2 0 0 400 15 8 11 32 5 3 3 7 7 2 2 12 1 1 2 8 2 0 4 5 1 0730 - 0830 (449), AM P sday, May 12, 2022 4 3 1 4 4 1 4 7 1 4 3 5 0 1 2 6 1 0715 - 0815 (444), AM P ay, May 13, 2022 - T 1100 0200 0300 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	day, May 10, 2022 - Total 100 0200 0300 0400 0500 3 6 8 29 133 4 0 2 6 5 1 3 2 8 23 4 1 2 7 46 4 2 2 8 59 10730 - 0830 (439), AM PHF=0.8 100 0200 0300 0400 0500 15 8 11 32 121 5 3 3 7 12 7 2 2 12 24 1 1 2 8 33 2 2 4 5 52 10730 - 0830 (449), AM PHF=0.8 100 0200 0300 0400 0500 15 8 11 32 121 5 3 3 7 12 6 7 2 2 12 24 1 1 2 8 33 2 2 4 5 52 10730 - 0830 (449), AM PHF=0.8 100 0200 0300 0400 0500 9 9 10 22 108 4 3 1 4 8 4 1 4 7 23 1 4 3 5 36 0 1 2 6 41 10715 - 0815 (444), AM PHF=0.8 100 0200 0300 0400 0500 0 0 0 0 0 0 0 0	100 020 030 040 050 060 0 13 6 8 29 133 226 4 0 2 6 5 47 1 3 2 2 8 59 61 3 4 2 2 8 59 61 3 6 8 29 133 226 4 1 2 7 46 63 4 2 2 8 59 61 3 6 63 4 2 2 8 59 61 3 6 63 4 2 2 8 59 61 3 6 63 4 2 2 8 59 61 3 6 60 60 6 6 6 6 6 6	Color Colo	Siday, May 10, 2022 - Total=7184, 15 min Siday, May 11, 2022 - Total=7318, 15 Siday, May 12, 2022 - Total=7318, 15 Siday, May 12, 2022 - Total=2949, 15 min Siday, May 13, 2022 - Total=0, 15 minute dia Siday, May 13, 2022 - Total=0, 15 minute dia Siday, May 13, 2022 - Total=0, 15 minute dia Siday, May 13, 2022 - Total=0, 15 minute dia Siday, May 13, 2022 - Total=0, 15 minute dia Siday, May 13, 2022 - Total=0, 15 minute dia Siday, May 13, 2022 - Total=0, 15 minute dia Siday, May 13, 2022 - Total=0, 15 minute dia Siday, May 13, 2022 - Total=0, 15 minute dia Siday, May 13, 2022 - Total=0, 15 minute dia Siday, May 13, 2022 - Total=0, 15 minute dia Siday, May 13, 2022 - Total=0, 15 minute dia Siday, May 13, 2022 - Total=0, 15 minute dia Siday, May 13, 2022 - Total=0, 15 minute dia Siday, May 13, 2022 - Total=0, 15 minute dia Siday, May 13, 2022 - Total=0, 15 minute dia Siday, May 13, 2022 - Total=0, 15 minute dia Siday, May 13, 2022 - Total=0, 15 minute dia Siday, May 13, 2022 - Total=0, 10 Siday, May 13, 2022 Sid	Stage May 10, 2022 - Total = 7184, 15 minute Cotal 100 0200 0300 0400 0500 0600 0700 0800 0900 13 6 8 29 133 226 391 437 325 4 0 2 6 5 47 84 128 83 1 3 2 8 23 55 85 89 72 4 1 2 7 46 63 111 107 86 4 2 2 8 59 61 111 113 84 10730 - 0830 (439), AM PHF = 0.86 PM Peak 1715 - 1815 (6 100 0200 0300 0400 0500 0600 0700 0800 0900 15 8 11 32 121 211 395 419 350 15 8 11 32 121 211 395 419 350 15 3 3 7 12 45 85 111 99 7 2 2 12 24 50 85 113 78 10730 - 0830 (449), AM PHF = 0.97 PM Peak 1630 - 1730 (6 100 0300 0400 0500 0600 0700 0800 0900 15 3 3 7 12 2 45 85 113 78 1000 0300 0400 0500 0600 0700 0800 0900 07030 0830 0449), AM PHF = 0.97 PM Peak 1630 - 1730 (6 100 0200 0300 0400 0500 0600 0700 0800 0900 0 0 0 0 0 0 0	3	Color Colo	Company Comp	Company Comp	Color Colo	Color Colo	Color Colo			100 100	0 107 106 97 138 150 149 159 104 95 45 95 115 118 117 116 154 125 128 94 0 78 94 96 109 143 157 170 133 89 84 0 99 97 84 152 150 147 159 131 86 67 K1715 - 1815 (642), PM PHF=0.94 Kiday, May 10, 2022 - Total=7184, 15 minute drops 100 0200 0300 0400 0500 0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 13 6 8 29 133 226 391 437 325 283 346 370 85 110 105 157 145 156 166 143 97 1 3 2 8 23 55 85 89 72 64 69 91 74 107 138 144 159 151 114 104 4 2 2 8 59 61 111 107 86 78 97 100 105 125 153 160 146 94 75 2.0730 - 0830 (430) AM PHF=0.86 PM Peak 1715 - 1815 (667), PM PHF=0.92 mesday, May 11, 2022 - Total=7318, 15 minute drops 100 0200 0300 0400 0500 0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 15 8 11 32 121 211 395 419 350 318 392 447 449 454 565 639 635 548 401 398 5 3 3 7 12 45 85 111 99 71 84 115 111 99 137 144 163 128 109 100 17 22 12 2 12 2 4 50 85 113 78 90 96 109 120 122 130 155 160 139 108 104 12 2 2 4 5 8 55 2 60 109 113 85 82 106 106 113 137 156 167 164 134 96 92 10730 -0830 (449), AM PHF=0.97 PM Peak 1630 -1730 (663), PM PHF=0.96 Stady, May 12, 2022 - Total=2949, 15 minute drops 100 0200 0300 0400 0500 0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 15 2 4 5 52 60 109 113 85 82 106 106 113 137 156 167 164 134 96 92 10730 -0830 (449), AM PHF=0.97 PM Peak 1630 -1730 (663), PM PHF=0.96 Stady, May 12, 2022 - Total=2949, 15 minute drops 100 0200 0300 0400 0500 0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 1100 1200 0300 0400 0500 0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 100 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 100 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 100 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 100 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 100 100 00 00 00 00 00 00 00 00 00 0	0 107 106 97 138 150 149 159 104 95 61 45 95 115 118 117 116 154 125 128 94 76 0 78 94 96 109 143 157 170 133 89 84 61 0 99 97 84 152 150 147 159 131 86 67 59 147175-1815 (642), PM PHF=0.94 1404, May 10, 2022 - Total=7184, 15 minute drops 1409 200 0300 0400 0500 0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 13 6 8 29 133 226 391 437 325 283 346 370 85 110 105 157 145 156 166 143 397 89 1 3 2 8 23 55 85 89 72 64 69 91 74 107 138 144 159 151 114 104 86 4 1 2 7 46 63 111 107 86 78 97 100 105 120 157 145 156 166 143 97 89 1 4 2 2 8 59 61 111 113 84 78 110 94 80 153 150 157 145 156 166 74 75 49 4 2 2 8 59 61 111 113 84 78 110 94 80 153 150 157 148 150 140 140 140 140 140 140 140 140 140 14	0 107 106 97 138 150 149 159 104 95 61 42	0 107 106 97 138 150 149 159 104 95 61 42 18 0 78 94 196 109 143 157 170 133 89 84 61 28 14 0 78 94 96 109 143 157 170 133 89 84 61 28 14 0 99 97 84 152 150 147 159 131 86 67 59 25 11 **CATATIS-1815 (642), PM PHF=0.94** **

VehicleCount-304 -- English (ENU)

Datasets:

Site: [Pleasant Grove] Location 7 - on 500 N between 100 E and 200 E

Attribute: Box 14

Direction: 8 - East bound A>B, West bound B>A. **Lane:** 0

Survey Duration: 10:35 Monday, May 9, 2022 => 13:29 Monday, May 16, 2022,

Zone:

File: Location 7 - 500 N between 100 E and 200 E.EC0 (Plus)

Identifier: TD0275QN MC5900-X13 (c)MetroCount 09Nov16

Algorithm: Factory default axle (v5.05)

Data type: Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time: 10:36 Monday, May 9, 2022 => 13:29 Monday, May 16, 2022 (7.12054)

Included classes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Speed range: 6 - 99 mph.

Direction: North, East, South, West (bound), P = East, Lane = 0-16

Separation: Headway > 0 sec, Span 0 - 328.084 ft

Name: Default Profile

Scheme: Vehicle classification (Scheme F3)
Units: Non metric (ft, mi, ft/s, mph, lb, ton)
In profile: Vehicles = 10201 / 10211 (99.90%)

000 0							4 (Inc			1000				1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
-	_	-	-	-	-	-	0700	-	0 9 0 0	-	0	0		269	239	242	263	260	198	142	112	81	27
-	-	_	-	_	-	_	_	_	-	_	0	0	0	57	65	48	72	56	51	44	37	28	9
-	-	_	-	_	_	-	-	_	-	-	0	0	14	71	46	76	68	61	44	37	25	25	7
-	-	_	-	_	-	-	-	_	-	0	0	0	29	71	73	57	71	83	57	33	21	17	6
- Dook	- 1115	- 1516	- : (277)	_), PM P	_ UE-0	_ 00	-	-	-	0	0	0	38	70	55	61	52	60	46	28	29	11	5
IFEAN	. 141	- 1510	(211)	, FIVI F	111 -0.	30																	
										drops													
00 0										1000													
5	6	8 5	5 1	8	49	88 13	174 30	239 82	228 71	204	208 51	224 55	171 52	311	260 65	245	279	300	208 45	182	121 25	70	13
1	1	1	2	1	12	13	43	52	44	65	50	59	38	84	59	56	68	72	59	51	36	16	16
2	1	2	0	2	14	29	47	47	54	39	48	49	43	95	67	59	59	76	49	49	30	22	8
1	1	0	2	4	19	33	54	58	59	51	59	61	38	83	69	60	72	79	55	44	30	15	6
Peak	0800	- 0900	(239)	, AM P	HF=0.	73 PM	l Peak	1415 -	1515 (327), P	M PHF	=0.86											
Vedi	nesc	lav. N	lav 1	1. 20	22 - [.]	Total	=345	1. 15	minu	te dr	ons												
00 0		0200					0700	0800	0900	1000	1100												
20	8	9		12	41	81	190	188	161	135	196	241	189	179	269	279	294	251	241	207	156	78	23
6 3	2	1 2	2	1 2	7 7	12 18	26 61	52 50	43 37	34 23	36 37	64 62	63 43	34 40	74 50	74 64	75 75	75 54	67 60	66 53	39 47	33 19	11 6
8	3	3	1	2	11	25	54	43	35	34	51	57	37	57	71	71	77	63	57	46	34	15	3
3	2	3	0	7	16	26	49	43	46	44	72	58	46	48	74	70	67	59	57	42	36	11	3
Peak	1145	- 1245	(255)	, AM P	HF=0.	89 PM	l Peak	1645 -	1745 (297), P	M PHF	=0.96											
• • • • • • • • • • • • • • • • • • • •			. 40	0000		4-1-4	400	4 =:			_												
										drop 1000		1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
10	7	9	6	13	38	74	176	168	140	131	146	174	104	0	0	0	0	0	0	0	0	0	0
3	2	5	1	3	3	12	32	57	48	37	24	40	49	0	0	0	0	0	0	0	0	0	0
3	2	2	1	1	8	13	44	46	37	34	42	47	46	0	0	0	0	0	0	0	0	0	0
2	2	1	2	3	13	26	59	26	32	28	34	43	9	0	0	0	0	0	0	0	0	0	0
_2 .	1	1	2	6	14	23	41	39	23	32	46	44	0	0	0	0	0	0	0	0	0	0	0
				-					·	183), P	M PHF	=0.93											
Frida	ıy, M	ay 13	3, 202	22 - T	otal=	= 0, 15 0600 0	5 min	ute d	rops	183), P		1200 0	0	0	1500 0	1600 0	0	1800 0	0	0	0	2200 0	2300 0
Frida	19, M	ay 13	3, 20 2	22 - T	otal=	= 0, 15	5 min 0700 0	0800 0	rops 0900 0	1000 0	1100 0	1200 0	0	0	0	0	0	0	0	0	0	0	0
rida 00 0 0 0	100 0 0	ay 13	8, 202 0 300 0 0	22 - T 0400 0 0	otal= 0500 0	= 0, 15 0600 0	5 min 0700 0 0	0800 0 0	0900 0900 0	1000 0 0	1100 0 0	1200 0 0	0 0 0	0 0	0 0	0 0 0	0 0	0 0	0 0 0	0 0 0	0 0 0	0 0	0 0 0
rida 00 0 0 0 0	100 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8, 202 0 300 0 0	22 - T 0400 0 0	otal= 0500 0 0	0, 15 0600 0	0700 0700 0	0800 0 0 0	0900 0900 0	1000 0 0 0	1100 0 0 0 0	1200 0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0 0
Frida 000 0 0 0 0 0 0	0 0 0 0	0200 0 0 0 0	0 0 0 0 0	22 - T 0400 0 0 0	0500 0 0 0 0	0, 15 0600 0 0	0700 0700 0 0	0800 0 0 0 0	0900 0900 0 0	1000 0 0 0 0 0	1100 0 0 0 0 0	1200 0 0 0 0	0 0 0	0 0	0 0	0 0 0	0 0	0 0	0 0 0	0 0 0	0 0 0	0 0	0 0 0
Frida 0 0 0 0 0 0 0 0 0 0 0 Peak	0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	22 - T 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0500 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 min 0700 0 0 0 0 0 0	0 - 13	rops 0900 0 0 0 0 0	1000 0 0 0 0 0	1100 0 0 0 0 0	1200 0 0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0 0
rida 00 0 0 0 0 0 0 Peak	19, M 100 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3, 202 0 0 0 0 0 0 0 0 0	22 - T 0400 0 0 0 0 0 0 0 0 0 2 M PHF	otal= 0500 0 0 0 0 0 0 - To1	=0, 15 0600 0 0 0 0 PM P	5 min 0700 0 0 0 0 0 eak 12	ute di 0800 0 0 0 0 0 0 0 0 0 0 0 0	rops 0900 0 0 0 0 0 0 0 0 0 0 0	1000 0 0 0 0 0 PM PH	1100 0 0 0 0 0 0	1200 0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0
Frida OOOO OOO OOO OOO OOOO Peak	19, M 100 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3, 202 0 0 0 0 0 0 0 0 0	22 - T 0400 0 0 0 0 0 0 0 0 0 2 M PHF	otal= 0500 0 0 0 0 0 0 - To1	=0, 15 0600 0 0 0 0 PM P	5 min 0700 0 0 0 0 0 eak 12	ute di 0800 0 0 0 0 0 0 0 0 0 0 0 0	rops 0900 0 0 0 0 0 0 0 0 0 0 0	1000 0 0 0 0 0	1100 0 0 0 0 0 0	1200 0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0 0
rida 00 0 0 0 0 0 0 Peak	19, M 100 0 0 0 0 0 0 0 0 0 0 0 0	00200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3, 202 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	22 - T 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	otal= 0500 0 0 0 0 0 - Tot 0500	=0, 15 0600 0 0 0 0 0 PM P	5 min 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rops 0900 0 0 0 0 0 0 0 0 0 0 0 0 0	1000 0 0 0 0 0 PM PH	1100 0 0 0 0 0 0 HF=1.0	1200 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0
rida 00 0 0 0 0 0 0 Peak atur 00 0	19, M 100 0 0 0 0 0 0 0 0 0 0 0 0	0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3, 202 0300 0 0 0 0 (0), A	22 - T 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	otal= 0500 0 0 0 0 0 - Tot 0500 0	0, 15 0, 600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 min 0700 0 0 0 0 0 0 0 eak 12	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rops 0900 0 0 0 0 0 0 0 0 0 0 0 0	1000 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 1F=1.0	1200 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0
o o o o o o o o o o o o o o o o o o o	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3, 202 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	22 - T 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 min 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rops 0900 0 0 0 0 0 0 0 0 0 0 0 0	1000 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 1F=1.0	1200 0 0 0 0 0 0	0 0 0 0 0 0 1300 0 0	0 0 0 0 0 0 1400 0 0 0	0 0 0 0 0 0 1500 0 0 0 0	0 0 0 0 0 0	1700 0 0 0 0 0	0 0 0 0 0 0 1800 0 0 0	0 0 0 0 0 0 1900 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0	2200 0 0 0 0	2300 0 0 0 0
Frida 0 0 0 0 0 0 Peak 6atur 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ay 13 0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 (0), A	22 - T 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0500 0 0 0 0 0 0 0 =1.00 - Tot 0500 0 0	=0, 15 0600 0 0 0 0 0 0 0 0 0 0 0 0	5 min 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rops 0900 0 0 0 0 0 0 0 0 0 0 0 0	1000 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 1F=1.0 1100 0 0	1200 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	1700 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0
Frida 00 0 0 0 0 0 Peak Satur 00 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ay 13 0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 (0), A	22 - T 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0500 0 0 0 0 0 0 0 =1.00 - Tot 0500 0 0	=0, 15 0600 0 0 0 0 0 0 0 0 0 0 0 0	5 min 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rops 0900 0 0 0 0 0 0 0 0 0 0 0 0	1000 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 1F=1.0 1100 0 0	1200 0 0 0 0 0 0	0 0 0 0 0 0 1300 0 0	0 0 0 0 0 0	0 0 0 0 0 0 1500 0 0 0 0	0 0 0 0 0 0	1700 0 0 0 0 0	0 0 0 0 0 0 1800 0 0 0	0 0 0 0 0 0 1900 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0	2200 0 0 0 0	2300 0 0 0 0
Frida 00 0 0 0 0 0 0 0 Peak 6atul 0 0 0 0 0 0 0 0 0 0 0 0 0	y, M 100 0 0 0 0 0 0 0 0 0 0 0 0	ay 13 0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3, 202 0 0 0 (0), A 14, 23300 0 0 0 0 0 0 0 0 0 0 0 0	22 - T 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	otal= 0500 0 0 0 0 - Tot 0500 0 0 0 0 T=1.00	=0, 15 0600 0 0 0 0 0 0 0 0 0 0 0 0	5 min 0700 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rops 0900 0 0 00 (0), edro 0 0 0 0 0 0 0 0 0 0 0 0 0	1000 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 1F=1.0	1200 0 0 0 0 0 0	1300 0 0 0 0	1400 0 0 0 0	1500 0 0 0 0	1600 0 0 0 0	1700 0 0 0 0 0 0 0	1800 0 0 0 0	1900 0 0 0 0	2000 0 0 0 0 0 0 0	2100 0 0 0 0	2200 0 0 0 0	2300 0 0 0 0
Frida 00 0 0 0 0 0 0 Peak Satur 0 0 0 0 Peak Satur 0 0 Peak Sund	y, M 100 0 0 0 0 0 0 0 0 0 0 0 0	ay 13 0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3, 202 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	22 - T 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	otal= 0500 0 0 0 0 0 0 7=1.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM P al=0, 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 min 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rops 0900 0 00 (0), 00 (0), drops 0900	1000 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 1F=1.0	1200 0 0 0 0 0 0	1300 0 0 0 0 0 0 0	0 0 0 0 0 0 1400 0 0 0	1500 0 0 0 0 0 1500	0 0 0 0 0 1600 0 0	1700 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 1800	1900 0 0 0 0 0 0 0	2000 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0	2200 0 0 0 0 0	2300 0 0 0 0 0
Frida 00 0 0 0 0 0 Peak Satur 0 0 0 Peak Sund 0 0 0 0 0 0 0 0 0 0 0 0 0	y, M 100 0 0 0 0 0 0 0 0 0 0 0 0	ay 13 0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3, 202 0 0 0 0 0 0 0 0 0 0 0 0 0	22 - T 0400 0 0 0 0 0 M PHF 2022 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**Total=** **O500 O O O O O O O O O O O O O O O O O O	PM P al=0, 0 0 0 0 0 0 0 0 0 0 0 0	5 min 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rops	1000 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 1F=1.0 1100 0 0 0 0 1F=1.0	1200 0 0 0 0 0 0 1200 0	1300 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0
rida 0 0 0 0 0 0 0 0 0 Peak satund 0 0 Peak Sund 0 0 0 0 0 0 0 0 0 0 0 0 0	y, M 100 0 0 0 0 0 0 0 0 0 0 0 0	ay 13 0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3, 202 0 0 0 0 0 0 0 0 0 0 0 0 0	22 - T 0400 0 0 0 0 0 M PHF 2022 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**Total=** **O500	PM PP P	5 min 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0	rops	1000 0 0 0 0 0 0 PM PH PS 1000 0 0 PM PH S 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 0 1100 0 0 0 0 0 1100 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0
Frida	rday rday 100 0 0 0 0 0 0 0 0 0 0 0	ay 13 2200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	33, 202 0 0 0 0 0 0 0 0 0 0 0 0 0	22 - T 0400 0 0 0 0 0 0 0 M PHF 2022 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total= 0500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM P I=0, 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 min 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 - 13 0 0 0 - 13 0 0 0 - 13	rops	1000 0 0 0 0 0 0 PM PH	1100 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0
Frida	y, M 100 0 0 0 0 0 0 0 0 0 0 0 0	ay 13 0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3, 202 0 0 0 0 0 0 0 0 0 0 0 0 0	22 - T 0400 0 0 0 0 0 M PHF 2022 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**Total=** **O500	PM PP P	5 min 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0	rops	1000 0 0 0 0 0 0 PM PH PS 1000 0 0 PM PH S 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 0 1100 0 0 0 0 0 1100 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0
Frida	y, M 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ay 13 0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3, 202 0 0 0 0 0 0 0 0 0 0 0 0 0	22 - T 0400 0 0 0 0 0 0 M PHF 2022 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**Total=** **O500	PM P sal=0, 0600 0 0 0 0 0 0 0 0 0 0 0 0	6 min 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rops 0900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1000 0 0 0 0 0 0 PM PH PS 1000 0 0 0 PM PH S 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 0 0 1100 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0
Frida	100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ay 13 0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3, 202 0 0 0 0 0 0 0 0 0 0 0 0 0	22 - T 0400 0 0 0 0 0 0 M PHF 2022 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total= 0500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM P Continue	6 min 0700 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 - 13 0 0 0 - 13 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rops	1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0
Frida	100 00000 lay, 100 00000 day,	ay 13 2200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3, 202 0 0 0 0 0 0 0 0 0 0 0 0 0	22 - T 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Tota 0500 0 0 0 0 0 0 0 0	E0, 15 06000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 min	ute di 0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rops	1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0
Frida	100 00000 lay, 100 00000 day,	ay 13 2200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3, 202 0 0 0 0 0 0 0 0 0 0 0 0 0	22 - T 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Tota 0500 0 0 0 0 0 0 0 0	E0, 15 06000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 min	ute di 0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rops	1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0
Frida 0	ocoooooooooooooooooooooooooooooooooooo	ay 13 2200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3, 202 0 0 0 0 0 0 0 0 0 0 0 0 0	22 - T 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Tota 0 0 0 0 0 0 0 0 0	E0, 15 0600 0 0 0 PM P Eal=0, 0600 0 0 0 0 0 PM P FI=0, 1	6 min	ute di 0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rops 09000 0 00000000000000000000000000000	1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0
Frida 0	100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ay 13 2000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(0), A 15, 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	22 - T 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Tota 0500 0 0 0 0 0 0 0 0	PM P sal=0, 0600 0 0 0 0 0 0 0 0 0 0 0 0	6 min	0800 000 - 13 000 - 13 000 - 13 000 - 13 000 - 13 000 - 13	rops 09000 0 00000000000000000000000000000	1000 0 0 0 0 0 0 PM PH PS 1000 0 0 0 0 0 PM PH S 1000 0 0 0 PM PH S 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 0 1100 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0
Frida	Name	ay 13 0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3, 202 0 0 0 0 0 0 0 0 0 0 0 0 0	22 - T	Tota	PM P Color Color Color Color	6 min 0700 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rops	1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0

VehicleCount-315 -- English (ENU)

Datasets:

Site: [Pleasang Grove] Location 8 - on 200 S between 100 E and 200 E

Attribute: Box 16

Direction: 8 - East bound A>B, West bound B>A. **Lane:** 2

Survey Duration: 10:39 Monday, May 9, 2022 => 13:32 Monday, May 16, 2022,

Zone:

File: Location 8 - 200 S between 100 E and 200 E.EC0 (Plus)

Identifier: TD47ACV0 MC5900-X13 (c)MetroCount 09Nov16

Algorithm: Factory default axle (v5.05)

Data type: Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time: 10:40 Monday, May 9, 2022 => 13:32 Monday, May 16, 2022 (7.11953)

Included classes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Speed range: 6 - 99 mph.

Direction: North, East, South, West (bound), P = East, Lane = 0-16

Separation: Headway > 0 sec, Span 0 - 328.084 ft

Name: Default Profile

Scheme: Vehicle classification (Scheme F3)
Units: Non metric (ft, mi, ft/s, mph, lb, ton)
In profile: Vehicles = 21415 / 21443 (99.87%)

		May 9								1000				1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
-	_	_	-	-	-	-	-	-	-	_	0	0	152	545	503	494	628	511	420	392	233	121	46
-	-	-	-	_	-	-	-	-	_	_	0	0	0	107	126	117	171	131	133	121	71	53	15
-	-	-	-	_	-	_	-	_	-	-	0	0	0	160	122	119	161	120	115	120	65	38	14
-	-	-	-	-	-	-	-	-	-	0	0	0	65	144	110	117	152	127	98	74	51	20	8
– Peak	1700	- - 1800	- (628)	PM P	_ HF=0	92	_	_	_	0	0	0	87	134	145	141	144	133	74	77	46	10	9
			. ,,					- !.	4_														
										drops		1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
20	8	5	3	22	79	156	480	273	214	182	230	487	416	591	590	623	647	597	454	375	265	157	62
11	4	1	1	1	13	38	81	79	73	47	56	124	103	125	147	174	156	162	129	93	90	56	19
4	0	2	1	4	14	36	122	76	56	49	58	98	113	162	160	138	168	118	112	81	70	52	21
3	1	0	1	3	22	33	153	56		44	60	127	98	165	149	128	150	145	118	94	55	30	14
2	3	2	0	14	30	49	124	62	42	42	56	138	102	139	134	183	173	172	95	107	50	19	8
' еак	0700 -	- 0800	(480),	AM PI	HF=0.	/8 PN	ГРеак	1645 -	1/45 (657), P	MPHF	-=0.90											
										te dro		1200	1200	1400	1 5 0 0	1600	1700	1000	1000	2000	2100	2200	2200
28	8	9	13	15	84	164	413	385		405	479	564	476	420	549	586	584	577	465	402	257	126	52
5	1	3	4	0	8	39	82	104	107	87	103	170	121	94	128	156	142	179	123	112	52	57	15
.0	3	4	2	4	12	39	118	96		91	103	118	121	103	130	138	152	128	147	106	70	34	16
8	3	1	3	5	34	30	102	99	96	103	97	126	123	103	135	131	124	138	109	95	83	25	14
5	1	1	4	6	30	56	111	86		124	171	150	111	115	156	161	166	132	86	89	52	10	7
			-							621), P			111	110	100	101	100	132	0.0	υJ	J2	10	,
										•													
										drop		1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
3	11	2	5	22	68	133	491	326	365	368	428	520	219	0	0	0	0	0	0	0	0	0	0
5	2	1	2	1	10	24	98	81	106	84	90	124	119	0	0	0	0	0	0	0	0	0	0
5	4	1	0	4	13	36	121	80	93	101	89	127	100	0	0	0	0	0	0	0	0	0	0
2	3	0	1	7	13	29	166	69	77	103	96	127	0	0	0	0	0	0	0	0	0	0	0
1	2	0	2	10	32	44	106	96	89	80	153	142	0	0	0	0	0	0	0	0	0	0	0
							5 min			1000	1100	1200	1300	1400	1500	1600	1700	1000	1 0 0 0	2000	2100	2200	2300
0 0 0 0 0	0 0 0	0 0 0	0 0 0	0 0 0 0	0500 0 0 0	0600 0 0	0700 0 0 0	0800 0 0	0900 0 0	1000 0 0 0	0 0 0	0 0 0	0 0	0 0	0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0	0 0 0
0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0500 0 0 0 0 0	0600 0 0 0 0	0700 0 0 0 0 0	0800 0 0 0 0 0	0900 0 0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0	0	0	0	0	0	0	0	0	0	0
o o o o o o eak	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0	0400 0 0 0 0 0 0 0 0 0 0 0 0 2 0 2 0 2 0	0500 0 0 0 0 0 0 0 0 0 0 - Tot	0600 0 0 0 0 PM P	0700 0 0 0 0 0 0 eak 12	0800 0 0 0 0 0 0 0 0 0 0 0 0	0900 0 0 0 0 0 800 (0)	0 0 0 0 0	0 0 0 0 0 1F=1.0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0
0 0 0 0 0 0 0 eak	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 1 0, AM	0 0 0 0 0 0 0 0 0 0 PHF	0500 0 0 0 0 0 0 =1.00	0600 0 0 0 0 0 PM P	0700 0 0 0 0 0 eak 12 , 15 m	0800 0 0 0 0 0 0 0 0 0	0900 0 0 0 0 0 800 (0)	0 0 0 0 0 PM PH	0 0 0 0 0 1F=1.0	0 0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0
0 0 0 0 0 0 0 0 eak 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0200 0 0 0 0 0 0 0 0 - 0100	0 0 0 0 0 0 0 0 0 0, AM	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0500 0 0 0 0 0 =1.00 - Tot 0500 0	0600 0 0 0 0 PM P	0700 0 0 0 0 0 eak 12 , 15 m	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0900 0 0 0 0 800 (0),	0 0 0 0 0 PM PH ps 1000	0 0 0 0 0 0 HF=1.0	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0
0 0 0 0 0 0 0 eak 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0500 0 0 0 0 0 =1.00 - Tot 0500 0	0600 0 0 0 0 PM P	0700 0 0 0 0 0 0 0 eak 12 , 15 m 0700 0	0800 0 0 0 0 0 00 - 13 ninut 0800 0	0900 0 0 0 0 800 (0),	0 0 0 0 PM PH ps 1000 0	0 0 0 0 0 1F=1.0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 (0), AN	0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0500 0 0 0 0 =1.00 - Tot 0500 0	0600 0 0 0 0 0 PM P (al=0, 0600 0	0700 0 0 0 0 0 0 0 0 eak 12 , 15 m 0700 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0900 0 0 0 0 800 (0); e dro 0 0	0 0 0 0 0 PM PH ps 1000 0	0 0 0 0 0 1F=1.0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	1700 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	2000 0 0 0	2100 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 Peak atur 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(0), AN 14, 2 1300 (0) 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0600 0 0 0 0 0 PM P 2al=0 0600 0	0700 0 0 0 0 0 0 eak 12 , 15 m 0700 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0900 0 0 0 0 0 800 (0); e dro 0 0 0	0 0 0 0 0 0 PM PH ps 1000 0 0	0 0 0 0 0 0 1F=1.0 1100 0 0 0	0 0 0 0 0 0 1200 0 0 0	0 0 0 0 0 0 1300 0 0 0 0	0 0 0 0 0 0 0 1400 0 0 0	0 0 0 0 0 0 1500 0 0 0	0 0 0 0 0 0	1700 0 0 0 0 0 0	0 0 0 0 0 0 1800 0 0	0 0 0 0 0 0	0 0 0 0 0 0	2100 0 0 0 0	2200 0 0 0 0	2300 0 0 0 0
0 0 0 0 0 0 0 0 Peak 0 0 0 0 0 0 0 0 0 0 0 0	0000 -	- 0100	(0), AI (0), AI (0), AI (0), AI	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0500 0 0 0 0 0 0 - Tot 0500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0600 0 0 0 0 PM P 6000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0700 0 0 0 0 0 0 0 eak 12 , 15 m 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 PM PH ps 1000 0 0 0 0	0 0 0 0 0 0 1F=1.0 1100 0 0 0 0 0 0 0 HF=1.0	0 0 0 0 0 0 0 0	1300 0 0 0 0 0	0 0 0 0 0 0 1400 0 0 0	1500 0 0 0 0	1600 0 0 0 0	1700 0 0 0 0 0 0 0	1800 0 0 0 0	1900 0 0 0 0	2000 0 0 0 0	2100 0 0 0 0	2200 0 0 0 0	2300 0 0 0 0
0 0	0000 -	- 0100	(0), All	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0500 0 0 0 0 0 0 - Tot 0500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0600 0 0 0 0 PM P 6000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0700 0 0 0 0 eak 12 , 15 m 0700 0 0 eak 12	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 PM PH ps 1000 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1F=1.0 1100 0 0 0 0 0 0 0 HF=1.0	0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0	0 0 0 0 0 0 1400 0 0 0	1500 0 0 0 0	1600 0 0 0 0	1700 0 0 0 0 0 0 0	1800 0 0 0 0	1900 0 0 0 0 0 0	2000 0 0 0 0 0 0 0	2100 0 0 0 0	2200 0 0 0 0	2300 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(0), AM (0), AM (0), AM (0), AM (0), AM	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0500 0 0 0 0 1=1.00 - Tot 0500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0600 0 0 0 0 0 0 0 0600 0 0 0 0 0 0 0 0	0700 0 0 0 0 0 0 eak 12 7000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0900 0 0 0 0 0 800 (0), 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 PM PH 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1F=1.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0
00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000 -	- 0100 0 0 0 0 0 0 0 0 0 0 0 0	(0), AN 14, 2 1300 (0) 0 (0), AN 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0500 0 0 0 0 0 0 =1.00 - Tot 0500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0600 0 0 0 0 0 0 0600 0 0 0 0 0 0 0 0 0 0 0 0	0700 0 0 0 0 eak 12 , 15 m 0700 0 0 eak 12	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0900 0 0 0 0 0 800 (0), 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 PM PH ps 1000 0 0 0 0 0 0 0 0 0	0 0 0 0 0 1F=1.0 1100 0 0 0 0 0 1F=1.0	0 0 0 0 0 0 0 1200 0 0	1300 0 0 0 0 0 0	0 0 0 0 0 1400 0 0 0	1500 0 0 0 0 0 1500	0 0 0 0 0 1600 0 0	1700 0 0 0 0 1700 0 0 0	1800 0 0 0 0 0 1800	1900 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0	2200 0 0 0 0 0	2300 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(0), AM (0), AM (0), AM (0), AM (0), AM	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0500 0 0 0 0 1=1.00 - Tot 0500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0600 0 0 0 0 0 0 0 0600 0 0 0 0 0 0 0 0	0700 0 0 0 0 0 0 eak 12 7000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0900 0 0 0 0 0 800 (0), 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 PM PH 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1F=1.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00000 - Color Color	- 0100	(0), AN (0), AN (0), AN (0), AN (0), AN	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	06000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	08000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 PM PH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 1F=1.0 1100 0 0 0 0 0 1F=1.0	0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- 0100 - 0100 - 0100 - 0100 - 0100 - 0100	(0), AI (0), AI (0), AI (0), AI (0), AI	0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0700 0 0 0 0 0 0 0 0 7700 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0900 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 PM PH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- 0100 - 0100 - 0100 - 0100 - 0100 - 0100	(0), AI (0), AI (0), AI (0), AI (0), AI	0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0700 0 0 0 0 0 0 0 0 7700 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0900 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 PM PH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00000 - Cday, N 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- 0100 May 1 200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(0), AI	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0600 0 0 0 0 0 0 0 0 0 0 0 0	0700 0 0 0 0 0 0 0 0 0 0 0 0 0 15 min 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0	09000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	O O O O O O O O O O	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0
000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00000 - Cday, N 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- 0100 May 1 1200 0 0 0 0 - 0100 May 1 1200 0 0 0 0 0 0 0 0 0 0 0 0 0	(0), All (0), All (1), All (1)	0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0600 0 0 0 0 0 0 0 0 0 0 0 0	0700 0 0 0 0 0 0 0 0 0 0 0 0 15 mile 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0	09000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 PM PH 5 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0
000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00000 - 00000 - 00000 - 00000 - 00000 - 00000 - 00000 - 00000 - 00000 - 00000 - 00000 - 00000 - 00000 - 00000 - 00000 - 000000	- 0100 May 1 1200 0 0 0 0 0 0 0 0 0 0 0 0 0	(0), AI (0), AI (14, 2 (0), AI (0), AI (0), AI (0), AI (0), AI (0), AI	0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0500 0 0 0 0 0 0 0 0 0 0 0 0	0600 0 0 0 0 0 0 0 0 0 0 0 0	0700 0 0 0 0 0 0 0 0 7700 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	09000 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 PM PH ps 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0
00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00000 - rday, N 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- 0100 May 1 0200 0 0 0 0 0 0 0 0 0 0 0 0 0	14, 2 300 (0), All 14, 2 300 (0), All 16, 20 16, 20 100 (0), All	0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0500 0 0 0 0 0 0 0 0 0 0 0 0	06000 0 0 0 0 0 0 0 0 0 0 0 0	0700 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0	09000 0 0 0 0 0 0 0 0 0 0 0 0	O O O O O O O O O O	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0
O	00000 - rday, N 00000 - 000000	- 0100 May 1 0200 0 0 0 0 0 0 0 0 0 0 0 0 0	(0), All (0)	0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0500 0 0 0 0 0 0 0 0 0 0 0 0	06000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0	0900 0 0 0 0 0 0 0 0 0 0 0 0	O O O O O O O O O O	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0
000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00000 - rday, N 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- 0100 May 1 0200 0 0 0 0 0 0 0 0 0 0 0 0 0	14, 2 300 (0), All 14, 2 300 (0), All 16, 20 16, 20 100 (0), All	0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0500 0 0 0 0 0 0 0 0 0 0 0 0	06000 0 0 0 0 0 0 0 0 0 0 0 0	0700 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0	09000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	O O O O O O O O O O	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0

AM Peak 0000 - 0100 (0), AM PHF=1.00

MetroCount Traffic Executive Event Counts

EventCount-324 -- English (ENU)

Datasets:

Site: [Pleasant Grove] Location 9 - on 100 E between 300 S and State St

Attribute: Box 18

Input A: 7 - North bound A>B, South bound B>A. - Lane= 0, Added to totals. (/2.000)

Input B: 0 - Unused or unknown. - Lane= 1, Excluded from totals.

Survey Duration: 10:41 Monday, May 9, 2022 => 13:23 Monday, May 16, 2022,

Zone:

File: Location 9 - 100 E between 300 S and State St.EC0 (Plus)

Identifier: TB352TVC MC5900-X13 (c)MetroCount 09Nov16

Algorithm: Event Count (v5.05)

Data type: Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time: 10:42 Monday, May 9, 2022 => 13:23 Monday, May 16, 2022 (7.11197)

Separation: GapX > 0 sec **Name:** Default Profile

Scheme: Count events divided by setup divisor
Units: Non metric (ft, mi, ft/s, mph, lb, ton)
In profile: Events = 49063 / 49063 (100.00%)

0000					(Inco	p.o.	\sim_{I} , .	•	iuto .	ui op:												
'	0100	0200	0300	0400	0500	0600	0700	0800	0900														
											0	0	127	695	831 201	815 206	238	823	640 183	510 152	333 107	249 96	90 27
_	_	_	_	_	_	_	_	_	_	_	0	0	1	143	211	184	289	200	173	133	85	60	28
_	_	_	_	_	_	_	_	_	_	0	0	0	2	167	221	230	274	210	158	115	72	55	17
-	-	-	-	-	-	-	-	-	-	8	0	0	125	219	198	195	234	193	126	111	69	39	18
M Pea	k 170	180	0 (103	4), PM	PHF=	0.90																	
Tues	sdav	. Mav	10.	2022=	=1116	S5. 15	mini	ute d	rops														
				0400						1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
36	19	16	14	15	99	201	527	745	659	595	667	711	604	780	844	902	997	904	617	519	424	186	89
15	5	4	3	8	5	34	68	185	172	145	170	182	151	165	214	232	248	240	174	127	110	62	23
7	3	5	3	0	14	36	98	173	174	132	160	180	145	176	193	219	250	228	173	135	120	44	30
8	6	4	4	1	34	64	178	208	160	157	156	178	145	205	222	215	277	216	139	140	101	43	23
6 M Dool	5 • 0745	3	4	6 . AM D	46 UE-0	68 00 DM	183	180	154	161	181	172	163	235	216	236	223	220	132	119	93	37	13
IVI Peai	(0745	- 0045	(740)	, AM P	пг-0.	90 PIVI	reak	1045 -	1745 (1010),	FIVI F	11-0.9	•										
				11, 20																			
				0400																			2300
56	37	13	22	22	95	209	483	657	516		602	768	759	719	795	911	1087	895	105	527	402	195	101
16 7	13 12	2 5	2	6 3	8 24	35 50	65 120	171 171	132 131	95 110	128 143	208 186	211 187	172 173	205 196	212 210	249 270	232 216	195 160	154 143	122 110	53 53	42 23
17	10	4	6	7	29	60	146	141	130	121	160	186	188	189	200	251	270	247	177	118	75	44	21
16	2	2	7	6	34	65	152	175	124	143	173	189	173	185	195	239	299	201	135	112	96	46	15
	c 1145	- 1245	(752)	, AM P	HF=0.																		
									,	,,													
				2022																			
				0400																			
63	20	21	18	15 4	92 5	185	495	603	551	452 120	564	673 167	261 150	0	0	0	0	0	0	0	0	0	0
25	8	7	4	1	22	49	108	145	142	97	138	186	111	0	0	0	0	0	0	0	0	0	0
10	3	5	4	5	25	52	163	144	129	114	154	155	1	0	0	0	0	0	0	0	0	0	0
13	3	2	7	5	40	61	163	167	131	122	155	165	0	0	0	0	0	0	0	0	0	0	0
/I Peal	k 1145	- 1245	(662)	, AM P	HF=0.	89 PM	Peak	1200 -	1300 (673), F	M PHI	=0.90											
Erid	av M	lav 1	3 20	22=0,	15 n	ninut	o dro	ne															
				0400					0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
0	0	0	0	0	0	0	0	0	0														
0									U	0	0	0	0	0	0	0	0	0	0	0	0	0	0
U	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0																
0	0	0	0	0	0	0	0	0 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0 0	0 0	0 0 0	0 0	0 0 0
0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0	0 0 0	0 0 0	0 0 0 0	0 0 0	0 0 0 0	0 0 0 0	0	0	0	0	0	0	0	0	0	0
0	0 0 0	0 0 0	0 0 0	0	0 0 0	0 0 0	0 0	0 0 0	0 0 0	0 0 0 0	0 0 0	0 0 0 0	0 0 0 0	0 0	0 0	0 0	0 0	0 0	0 0 0	0 0	0 0 0	0 0	0 0 0
0 0 0 I Peal	0 0 0 0	0 0 0 - 010 0	0 0 0 (0), <i>A</i>	0 0 0	0 0 0 =-nan	0 0 (ind) I	O O O PM Pea	0 0 0 0 0 0	0 0 0 0 0 - 010	0 0 0 0	0 0 0	0 0 0 0	0 0 0 0	0 0	0 0	0 0	0 0	0 0	0 0 0	0 0	0 0 0	0 0	0 0 0
0 0 0 I Peal Satu	0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 - 0100 7, Ma y	0 0 0 (0), <i>A</i> / 14,	0 0 0 AM PHF 2022 :	0 0 0 =-nan =0, 1	(ind) I 5 mir	0 0 0 PM Pea	0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 - 010	0 0 0 0 (0), F	0 0 0 0 PM PH	0 0 0 0 F=-nan	0 0 0 0 (ind)	0 0 0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0
0 0 0 1 Peal Satu	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 (0), <i>A</i> 7 14, 0300 0	0 0 0 AM PHF 2022 : 0400 0	0 0 0 =-nan =0, 1: 0500 0	(ind) I 5 mir	0 0 0 PM Pea	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 - 010 6 0 900	0 0 0 0 (0), F	0 0 0 0 PM PH	0 0 0 0 F=-nan	0 0 0 0 (ind)	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	2000	0 0 0 0	0 0 0 0	0 0 0 0
0 0 0 M Peal Satu 000 0	0 0 0 x 0000 urday 0100 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 (0), A / 14, 0300 0	0 0 0 0 2022 : 0400 0	0 0 0 = 0, 1 : 0500 0	(ind) I 5 mir 0 600 0	0 0 0 PM Pea	0 0 0 0 0 0 8 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 - 010 6 0 900	0 0 0 0 0 (0), F	0 0 0 0 PM PH	0 0 0 0 F=-nan	0 0 0 0 (ind)	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	1700 0 0	0 0 0 0 0	1900 0	0 0 0 0	0 0 0 0 0	2200 0	2300 0
0 0 Peal Satu 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 (0), A 7 14, 0300 0	0 0 0 0 2022 : 0400 0	0 0 0 0 = 0, 1 : 0500 0	0 0 (ind) I 5 mir 0600 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 - 010 6 0 900 0	0 0 0 0 0 (0), F	0 0 0 0 0 PM PH	0 0 0 0 F=-nan	0 0 0 0 (ind)	1400 0 0	1500 0 0	1600 0 0	1700 0 0	1800 0 0	1900 0 0	2000 0 0 0	2100 0 0	2200 0 0	2300 0 0
0 0 0 Peal	0 0 0 x 0000 urday 0100 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 (0), A / 14, 0300 0	0 0 0 0 2022 : 0400 0	0 0 0 = 0, 1 : 0500 0	(ind) I 5 mir 0600 0	0 0 0 PM Pea	0 0 0 0 0 0 8 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 - 010 6 0 900	0 0 0 0 0 (0), F	0 0 0 0 PM PH	0 0 0 0 F=-nan	0 0 0 0 (ind)	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	1700 0 0	0 0 0 0 0	1900 0	0 0 0 0	0 0 0 0 0	2200 0	2300 0
0 0 0 1 Peal Satu 000 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 (0), A 7 14, 0300 0 0	0 0 0 0 2022 : 0400 0 0	0 0 0 0 =-nan =0, 1 0500 0 0	0 0 0 (ind) I 5 mir 0600 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 8k 0000 1rops 0800 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0, F	0 0 0 0 0 0 0 1100 0 0 0 0	0 0 0 0 0 0 F=-nan 1200 0 0 0	1300 0 0 0 1300 0 0	1400 0 0 0	1500 0 0 0	1600 0 0	1700 0 0 0	1800 0 0 0	1900 0 0 0	2000 0 0 0	2100 0 0 0	2200 0 0 0	2300 0 0 0
0 0 0 1 Peal Satu 00000 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 AM PHF 2022: 0400 0 0	0 0 0 0 0 0 0 0 0 0 0 0	(ind) I 5 mir 0600 0 0 (ind) I	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0, F	0 0 0 0 0 0 0 1100 0 0 0 0	0 0 0 0 0 0 F=-nan 1200 0 0 0	1300 0 0 0 1300 0 0	1400 0 0 0	1500 0 0 0	1600 0 0	1700 0 0 0	1800 0 0 0	1900 0 0 0	2000 0 0 0	2100 0 0 0	2200 0 0 0	2300 0 0 0
Satu Satu OOOOOO OOOOOOOOOOOOOOOOOOOOOOOOOOOO	o 0000 urday 0100 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 (0), A 7 14, 0 300 0 0 (0), A 15, 2	0 0 0 0 2022: 0400 0 0 0 0	0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0	(ind) I 5 mir 0 600 0 0 (ind) I	o o o o o o o o o o o o o o o o o o o	0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 (0), F	0 0 0 0 0 PM PH 1100 0 0 0 0	0 0 0 0 0 F=-nan	1300 0 0 0 0 1(ind)	0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0	1600 0 0 0	1700 0 0 0 0 0 0 0	1800 0 0 0 0	1900 0 0 0 0 0 0	2000 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0	2300 0 0 0
Satu 0 0 0 1 Satu 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	o 0000 urday 0100 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 (0), A 7 14, 0 300 0 0 (0), A 15, 2	0 0 0 0 AM PHF 2022: 0400 0 0	0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0	(ind) I 5 mir 0 600 0 0 (ind) I	o o o o o o o o o o o o o o o o o o o	0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 (0), F	0 0 0 0 0 PM PH 1100 0 0 0 0 0 0 PM PH	0 0 0 0 0 F=-nan	1300 0 0 0 0 1(ind)	0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0	1600 0 0 0	1700 0 0 0 0 0 0 0	1800 0 0 0 0	1900 0 0 0 0 0 0	2000 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0	2300 0 0 0
0 0 0 1 Peal Satu 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 (0), A 7 14, 0 300 0 0 0 (0), A 15, 2	0 0 0 0 0 2022: 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 ==-nan 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(ind) I 5 mir 0600 0 (ind) I	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 - 010 6 0 900 0 0 0 - 010	0 0 0 0 0 (0), F	0 0 0 0 0 PM PH 1100 0 0 0 0 0 0 PM PH	0 0 0 0 0 1200 0 0 0 0 0 0 0 0	0 0 0 0 1(ind) 1300 0 0 0 0 0(ind)	1400 0 0 0 0 0 0	1500 0 0 0 0 0 0	1600 0 0 0 0 0 0	1700 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0	2300 0 0 0 0 0 0
0 0 0 1 Peal Satu 0 0 0 0 0 1 Peal Sunc 000 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 (0), A 7 14, 0 300 0 0 0 0 0 0 0 15, 2 0 300 0 0	0 0 0 0 0 2022: 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 0500 0 0 0 0 0 0 0 0 0 0 0 0 0	(ind) I minu 0600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0700 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 - 010 6 0 900 0 0 0 - 010	0 0 0 0 0 (0), F 1000 0 0 0 (0), F	0 0 0 0 0 0 1100 0 0 0 0 0 0 0 0 0	0 0 0 0 0 1200 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1(ind) 1300 0 0 0 0(ind)	1400 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0
0 0 0 1 Peal Satu 0 0 0 0 0 0 0 1 Peal Satu 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 (0), 4 7 14, 0 300 0 0 0 0 0 0 15, 2 0 300 0 0 0 0	0 0 0 0 0 2022: 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(ind) I 5 mir 0 600 0 (ind) I minu 0 600 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 - 010 6 0 900 0 0 0 - 010	0 0 0 0 0 (0), F	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0
0 0 0 1 Peal Satu 0 0 0 0 0 0 1 Peal Satu 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(ind) I 5 mir 0 600 0 (ind) I minu 0 600 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 (0), F 1000 0 0 0 0 (0), F	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0
0 0 0 0 1 Peal Satu 000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 2022: 0400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(ind) I 5 mir 0 600 0 (ind) I minu 0 600 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 (0), F 1000 0 0 0 0 (0), F	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0
0 0 0 1 Peal 0000 0 0 0 0 0 1 Peal 0000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 (0), A (14, 6) (0), A (15, 12) (0), A (15, 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 (ind) I 5 miru (ind) I 0 (ind) I	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 - 010 0 - 010 0 - 010 0 - 010	0 0 0 0, F	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 (0), A	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	PM Pearling Of One of the Control of One of	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 - 010 0 - 010 0 - 010 0 - 010 0 - 010	0 0 0 0, F 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 (0), A	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	PM Pearling Of One of the Control of One of	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 - 010 0 - 010 0 - 010 0 - 010 0 - 010	0 0 0 0, F 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 (0), A	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 - 010 0 - 010 0 - 010 0 - 010 0 - 010 0 - 010	0 0 (0), F 10000 0 0 (0), F 10000 0 (0), F 100000 0 (0), F 10000 0 (0), F 1000000 0 (0), F 10000 0 (0), F 10000000 0 (0), F 1000000 0 (0), F 1000000000 0 (0), F 1000000000 0 (0), F 1000000000 0 (0), F	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 00, A 0 00, A 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 - 010 0 - 010 0 - 010 0 - 010 0 - 010 0 - 010 0 - 010 0 - 010 0 - 010	1000 0 (0), F 1000 0 (0), F 1000 0 (0), F 1000 0 (0), F 1000 0 (0), F	1100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 (0), A	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 - 010 0 - 010 0 - 010 0 - 010 0 - 010 0 - 010 0 - 010 0 - 010 0 - 010 0 - 010	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1400 0 0 0 0 0 0 0 0 0 0 0	1500 0 0 0 0 0 0 0 0 0 0	1600 0 0 0 0 0 0 0 0 0	1700 0 0 0 0 0 0 0 0 0 0 0	1800 0 0 0 0 0 0 0 0 0 0	1900 0 0 0 0 0 0 0 0 0	2000 0 0 0 0 0 0 0 0 0 0 0 0	2100 0 0 0 0 0 0 0 0 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0 0 0	2300 0 0 0 0 0 0 0 0 0 0

VehicleCount-328 -- English (ENU)

Datasets:

Site: [Pleasant Grove] Location 10 - on 300 E between 500 S and State St

Attribute: Box 19

Direction: 7 - North bound A>B, South bound B>A. **Lane:** 0

Survey Duration: 10:43 Monday, May 9, 2022 => 13:27 Monday, May 16, 2022,

Zone:

File: Location 10 - 300 E between 500 S and State St.EC0 (Plus)

Identifier: TC10GDG5 MC5900-X13 (c)MetroCount 09Nov16

Algorithm: Factory default axle (v5.05)

Data type: Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time: 10:44 Monday, May 9, 2022 => 13:27 Monday, May 16, 2022 (7.11384)

Included classes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Speed range: 6 - 99 mph.

Direction: North, East, South, West (bound), P = North, Lane = 0-16

Separation: Headway > 0 sec, Span 0 - 328.084 ft

Name: Default Profile

Scheme: Vehicle classification (Scheme F3)
Units: Non metric (ft, mi, ft/s, mph, lb, ton)
In profile: Vehicles = 30096 / 30153 (99.81%)

0000				2 - T																	01	00	0000	
, , , , , ,)100	0200 (0300 0	400 (1500	0600	0700	0800	0900	1000	1100	1200	1300	1400 699	745	781	980	753	1900 575	2000 520	2100 357	2200 232	2300 104	
-	-			-	-						0	0	0	138	180	202	240	212	172	124	101	67	34	1
_	_	_	_	_	_	_	_	_	_	_	0	0	0	185	176	180	268	204	134	150	106	69	26	-
_	_	_	_	-	-	_	_	_	-	0	0	0	0	172	210	203	245	167	134	118	92	58	23	2
-	-	-	-	-	-	-	-	-	-	0	0	0	0	204	179	196	227	170	135	128	58	38	21	
M Pea	k 1700	- 1800	(980),	PM PI	HF=0.9	91																		
Тида	veh	May	10, 2	122 -	Tota	-I=QQ	15 1	5 min	uto (drone														
			300 0									1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
47	19	22	17	43	148	276	643	527	388	378	470	617	497	702	799	845	913	759	592	505	384	218	106	
13	4	6	7	3	20	56	105	189	114	87	80	166	127	126	189	206	218	226	175	115	123	76	36	2
8	4	9	3	7	22	52	141	115	105	99	104	155	115	189	194	208	245	172	157	129	106	57	30	
20	8	5	4	17	41	75	183	116	96	95	110	167	115	197	217	215	241	171	137	128	74	48	24	
6 • Dool	3 - 074 E	2	3	16	65 1 5-0 6	93 E DM	214	107	73 404 <i>F (</i> 1	97 024\ D	176	129	140	190	199	216	209	190	123	133	81	37	16	
i Peai	(0/15	- 0015	(727),	AIVI PE	IF=U.C	OO PIVI	Peak	1/15 -	1015 (921), P	IVI PHE	-0.94												
Wed	nesc	lay, N	lay 1	, 202	22 - 1	Γotal:	=1028	39, 15	min	ute d	rops													
			300 C																					
58	21	19	18	41	136	283	611	582	507	459	564	641	643	693	685	818	857	843	631	512	387	203	77	
24 13	5 4	3 1	4 0	4 7	13 22	57 67	110 155	171 134	129 121	101 114	131 128	169 185	152 178	156 191	170 177	194 210	227 207	247 195	172 162	149 118	124 97	64 55	28 18	
13	10	10	6	11	31	65	173	138	117	100	128	150	154	155	155	210	192	190	137	131	79	41	13	
8	2	5	8	19	70	94	173	139	140	144	177	137	159	191	183	204	231	211	160	114	87	43	18	
Peal	k 1145	- 1245	(681),	AM PH	IF=0.9																			
					_																			
			/ 12, 2 0300 0									1200	1200	1 400	1 5 0 0	1600	1700	1000	1000	2000	2100	2200	2200	
54	22	14	14	42	128	254	594	579	522	438	628	667	190	1400	1500	1600	1 / 0 0	1800	1900	2000	2100	2200 0	2300	
17	8	6	4	3	12	46	94	186	132	102	154	170	145	0	0	0	0	0	0	0	0	0	0	
18	4	0	3	11	27	58	142	118	139	100	145	142	45	0	0	0	0	0	0	0	0	0	0	
10	6	6	3	15	35	61	164	132	128	126	141	181	0	0	0	0	0	0	0	0	0	0	0	
9	4	2	4	13	54	89	194		123	110	188	174	0	0	0	0	0	0	0	0	0	0	0	
Peal	k 0715	- 0815	(686),	AM PH	IF=0.8	88 PM	Peak	1200 -	1300 (667), P	M PHF	=0.92												
Erid:	av M	lav 12	3, 202	2 Т	stal-	·n 15	min	ıta dı	one															
), 202 0300 (1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0 Dool	0	0	0 (0), AN	0 1 DUE:	0	0 DM D	0 ook 12 (0	0 (0)	O DM DI	0	0	0	0	0	0	0	0	0	0	0	0	0	
real	. 0000	- 0 100	(U), AN	ı Fnr.	- 1.00	FIVI F	eak 12	00 - 13	υυ (υ),													•		
C-4-	rdav	May								FIVIFI	15-1.0	U										· ·		
oatu	ıı uay	, iviay	14, 2	022 -	· Tot	al=0,	15 m	inute	dro		15=1.0	U										Ü		
			14, 2				15 m			ps			1300	1400	1500	1600	1700	1800			2100		2300	
000	0100	0200	0 0	400 (0	0500 0	0600 0	0700 0	0800	0900 0	ps 1000 0	1100 0	1200 0	0	0	0	0	0	0	0	0	0	2200	0	
0 0 0 0 0	0 0 0	0200 (0	0 0	0	0500 0	0600 0	0700 0	0800 0	0900 0	ps 1000 0	1100 0	1200 0	0	0	0	0	0	0	0	0	0	2200 0	0	
0 0 0 0 0	0 0 0 0	0200 0 0 0 0	0 0 0	0 0 0	0 0 0 0	0600 0 0	0700 0 0 0	0800 0 0 0	0900 0 0 0	ps 1000 0 0	1100 0 0	1200 0 0	0 0 0	0 0	0 0 0	0 0 0	0 0 0	0 0	0 0 0	0 0 0	0 0 0	2200 0 0	0 0	
0 0 0 0	0 0 0 0 0	0200 0 0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0 0 0	0600 0 0 0 0	0700 0 0 0 0 0	0800 0 0 0 0	0900 0 0 0 0	ps 1000 0 0 0	1100 0 0 0 0	1200 0 0 0	0	0 0 0	0 0 0	0	0	0 0 0	0	0 0 0	0 0 0	2200 0 0 0	0 0 0	
0 0 0 0 0 0	0 0 0 0 0 0	0200 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0600 0 0 0 0 0	0700 0 0 0 0 0	0800 0 0 0 0 0	0900 0 0 0 0 0	ps 1000 0 0 0 0	1100 0 0 0 0 0	1200 0 0 0 0	0 0 0	0 0	0 0 0	0 0 0	0 0 0	0 0	0 0 0	0 0 0	0 0 0	2200 0 0	0 0	
0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0600 0 0 0 0 0	0700 0 0 0 0 0 0	0800 0 0 0 0 0	0900 0 0 0 0 0 0	PM PH	1100 0 0 0 0 0	1200 0 0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	2200 0 0 0	0 0 0	
0 0 0 0 0 0 0 1 Peal	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1 PHF:	0 0 0 0 0 0 0 =1.00	0600 0 0 0 0 0 PM Pc	0700 0 0 0 0 0 0 eak 12	0800 0 0 0 0 0 0 0 0	0900 0 0 0 0 0 0 0 0 0 0	PS 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0	1200 0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	2200 0 0 0 0	0 0 0 0	
000 (0 0 0 0 0 0 0 1 Peal	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0200 0 0 0 0 0 0 - 0100	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 PHF:	0 0 0 0 0 0 0 =1.00	0600 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 1	0700 0 0 0 0 0 eak 120 5 mii	0800 0 0 0 0 0 0 0 0 0 0 0 0	0900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PS 1000 0 0 0 0 0 PM PH	1100 0 0 0 0 0 0 HF=1.0	1200 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	2200 0 0 0 0 0	0 0 0 0 0	
0 0 0 0 0 0 0 1 Peal	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0200 (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 PHF:	0 0 0 0 0 0 =1.00	0600 0 0 0 0 0 PM Pc	0700 0 0 0 0 0 0 eak 120 5 min 0700 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0900 0 0 0 0 0 0 0 0 0 0 0,0 0 0 0 0 0 0	PS 1000 0 0 0 0 PM PH	1100 0 0 0 0 0 HF=1.0	1200 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	2200 0 0 0 0 0	0 0 0 0 0	
0 0 0 0 0 0 0 Peal	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0200 (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 PHF:	0500 0 0 0 0 0 =1.00	0600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0700 0 0 0 0 0 0 eak 120 5 mir 0700 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ps 1000 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 1F=1.0	1200 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	2200 0 0 0 0 0 0 0	0 0 0 0 0 0	
0 0 0 0 0 0 0 Peal	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0200 (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1 PHF:	0 0 0 0 0 0 =1.00 Fotal	0600 0 0 0 0 0 0 0 PM Pc	0700 0 0 0 0 0 0 eak 120 5 mir 0700 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0900 0 0 0 0 0 00 (0),	PS 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 1 F=1.0	1200 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 1400 0	0 0 0 0 0 1500 0	0 0 0 0 0	0 0 0 0 0 1700 0	0 0 0 0 0 1800 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	2200 0 0 0 0 0 0 0	0 0 0 0 0	
0 0 0 0 0 0 0 1 Peal	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0200 (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 PHF:	0500 0 0 0 0 0 =1.00	0600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0700 0 0 0 0 0 0 eak 120 5 mir 0700 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ps 1000 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 1F=1.0	1200 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	2200 0 0 0 0 0 0 0	0 0 0 0 0 0	
000 0 0 0 0 0 1 Peal Sun(000 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 1 PHF: 400 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0700 0 0 0 0 0 0 0 eak 120 5 mir 0700 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PS 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 1F=1.0 1100 0 0 0	1200 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 1500 0 0	0 0 0 0 0 0 1600 0 0	0 0 0 0 0 0 1700 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	2100 0 0 0 0	2200 0 0 0 0 0 0 0 2200	0 0 0 0 0 0	
000 0 0 0 0 0 1 Peal Sun(000 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 1 PHF: 400 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0700 0 0 0 0 0 0 0 eak 120 5 mir 0700 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PS 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 1F=1.0 1100 0 0 0	1200 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 1500 0 0	0 0 0 0 0 0	0 0 0 0 0 0 1700 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	2100 0 0 0 0	2200 0 0 0 0 0 0 0 2200	0 0 0 0 0 0	
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(0), AM (0), AM (0), AM (0), AM (0), AM	1 PHF:	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0900 0 0 0 00 (0), drops 0900 0 0 0 0 0 0 0	PS 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 1F=1.0 1100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0	1300 0 0 0 0	1400 0 0 0 0	1500 0 0 0 0	1600 0 0 0	1700 0 0 0 0	1800 0 0 0 0	1900 0 0 0 0	2000 0 0 0 0	2100 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0 0	2300 0 0 0	
0 0 0 0 0 1 Peal 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(0), AM (0), AM (0), AM (0), AM (0), AM (0), AM	1 PHF: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0600 0 0 0 0 0 0 0 0 0 0 0 0	0700 0 0 0 0 0 eak 120 5 min 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0900 0 0 0 00 (0), drops 0900 0 0 0 0 0 0 0	PS 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 1100 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0	1300 0 0 0 0	1400 0 0 0 0	1500 0 0 0 0	1600 0 0 0	1700 0 0 0 0	1800 0 0 0 0	1900 0 0 0 0	2000 0 0 0 0	2100 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0 0	2300 0 0 0	
000 (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0200 (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 PHF: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 PHF: 400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00000000000000000000000000000000000000	0600 0 0 0 0 0 0 0 0 0 0 0 0	0700 0 0 0 0 0 0 eak 120 5 mil 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PS 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 1100 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0	1400 0 0 0 0	1500 0 0 0 0	1600 0 0 0	1700 0 0 0 0	1800 0 0 0 0	1900 0 0 0 0	2000 0 0 0 0	2100 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0 0	2300 0 0 0	
000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- 0100 May 1 0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(0), AN	1 PHF: 22 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 PHF: 22 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0700 0 0 0 0 0 0 0 5 mii 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 00 - 13 0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PS 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0	1400 0 0 0 0	1500 0 0 0 0	1600 0 0 0	1700 0 0 0 0	1800 0 0 0 0	1900 0 0 0 0	2000 0 0 0 0	2100 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0 0	2300 0 0 0	
0000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(0), AM (0), A	400 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 60 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0700 0 0 0 0 0 0 eak 120 5 min 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0900 0 0 0 0 0 0 0 0 0 0 0 0	PS 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0	1400 0 0 0 0	1500 0 0 0 0	1600 0 0 0	1700 0 0 0 0	1800 0 0 0 0	1900 0 0 0 0	2000 0 0 0 0	2100 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0 0	2300 0 0 0	
000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- 0100 May 1 0200 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(0), AN	1 PHF: 22 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 PHF: 22 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0700 0 0 0 0 0 0 0 5 mii 0700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0800 0 0 0 0 00 - 13 0800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PS 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1200 0 0 0 0 0 0 0 0 0 0 0 0	1300 0 0 0 0 0 0 0 0 0	1400 0 0 0 0	1500 0 0 0 0	1600 0 0 0	1700 0 0 0 0	1800 0 0 0 0	1900 0 0 0 0	2000 0 0 0 0	2100 0 0 0 0	2200 0 0 0 0 0 0 0 0 0 0 0	2300 0 0 0	

59 | Page

Appendix B: Existing Synchro Model Output

	•	-	\rightarrow	•	←	•	•	†	/	-	ţ	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	7	ተተተ	7	Ţ	ተተተ	7	Ĭ	1>		7	↑	7
Volume (vph)	279	431	14	4	494	344	15	5	16	450	6	301
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0		6.0	6.0	6.0
Lane Util. Factor	1.00	0.91	1.00	1.00	0.91	1.00	1.00	1.00		1.00	1.00	1.00
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	0.88		1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00
Satd. Flow (prot)	1770	5085	1583	1770	5085	1583	1770	1647		1770	1863	1583
Flt Permitted	0.32	1.00	1.00	0.47	1.00	1.00	0.75	1.00		0.74	1.00	1.00
Satd. Flow (perm)	603	5085	1583	883	5085	1583	1403	1647		1384	1863	1583
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	303	468	15	4	537	374	16	5	17	489	7	327
RTOR Reduction (vph)	0	0	9	0	0	269	0	10	0	0	0	189
Lane Group Flow (vph)	303	468	6	4	537	105	16	12	0	489	7	138
Turn Type	pm+pt		Perm	pm+pt		Perm	Perm			Perm		Perm
Protected Phases	7	4		3	8			2			6	
Permitted Phases	4		4	8		8	2			6		6
Actuated Green, G (s)	57.5	50.7	50.7	34.4	33.6	33.6	50.5	50.5		50.5	50.5	50.5
Effective Green, g (s)	57.5	50.7	50.7	34.4	33.6	33.6	50.5	50.5		50.5	50.5	50.5
Actuated g/C Ratio	0.48	0.42	0.42	0.29	0.28	0.28	0.42	0.42		0.42	0.42	0.42
Clearance Time (s)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0		6.0	6.0	6.0
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0
Lane Grp Cap (vph)	463	2148	669	259	1424	443	590	693		582	784	666
v/s Ratio Prot	c0.10	0.09		0.00	0.11			0.01			0.00	
v/s Ratio Perm	c0.22		0.00	0.00		0.07	0.01			c0.35		0.09
v/c Ratio	0.65	0.22	0.01	0.02	0.38	0.24	0.03	0.02		0.84	0.01	0.21
Uniform Delay, d1	20.4	22.0	20.1	30.6	34.8	33.3	20.4	20.3		31.1	20.2	22.0
Progression Factor	1.00	1.00	1.00	0.70	0.66	0.60	1.00	1.00		1.00	1.00	1.00
Incremental Delay, d2	3.3	0.2	0.0	0.0	0.7	1.2	0.0	0.0		10.6	0.0	0.2
Delay (s)	23.7	22.3	20.1	21.5	23.7	21.1	20.4	20.3		41.7	20.2	22.2
Level of Service	С	С	С	С	С	С	С	С		D	С	С
Approach Delay (s)		22.8			22.6			20.3			33.8	
Approach LOS		С			С			С			С	
Intersection Summary												
HCM Average Control Dela	ıy		26.2	Н	CM Leve	of Service	се		С			
HCM Volume to Capacity r	atio		0.73									
Actuated Cycle Length (s)			120.0	S	um of los	t time (s)			12.0			
Intersection Capacity Utiliza	ation		71.6%	IC	U Level	of Service	•		С			
Analysis Period (min)			15									
c Critical Lane Group												

10: SR-89 & 1300										ПППП	g Plan: Al	IVI FEAR
	٠	-	\rightarrow	•	-	•	1	†	1	-	ţ	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	ሻ	ተተ _ጉ		ሻ	^		ሻ	ĵ,		7	1>	
Volume (vph)	51	602	197	9	600	81	264	159	42	146	249	37
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	6.0	6.0		6.0	6.0		6.0	6.0		6.0	6.0	
Lane Util. Factor	1.00	0.91		1.00	0.91		1.00	1.00		1.00	1.00	
Frt	1.00	0.96		1.00	0.98		1.00	0.97		1.00	0.98	
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00		0.95	1.00	
Satd. Flow (prot)	1770	4897		1770	4995		1770	1804		1770	1827	
Flt Permitted	0.34	1.00		0.28	1.00		0.45	1.00		0.56	1.00	
Satd. Flow (perm)	626	4897		529	4995		832	1804		1042	1827	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	55	654	214	10	652	88	287	173	46	159	271	40
RTOR Reduction (vph)	0	33	0	0	10	0	0	13	0	0	7	0
Lane Group Flow (vph)	55	835	0	10	730	0	287	206	0	159	304	0
Turn Type	Perm			Perm			Perm			Perm		
Protected Phases		4			8			2			6	
Permitted Phases	4			8			2			6		
Actuated Green, G (s)	63.4	63.4		63.4	63.4		44.6	44.6		44.6	44.6	
Effective Green, g (s)	63.4	63.4		63.4	63.4		44.6	44.6		44.6	44.6	
Actuated g/C Ratio	0.53	0.53		0.53	0.53		0.37	0.37		0.37	0.37	
Clearance Time (s)	6.0	6.0		6.0	6.0		6.0	6.0		6.0	6.0	
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Lane Grp Cap (vph)	331	2587		279	2639		309	670		387	679	
v/s Ratio Prot		c0.17			0.15			0.11			0.17	
v/s Ratio Perm	0.09			0.02			c0.35			0.15		
v/c Ratio	0.17	0.32		0.04	0.28		0.93	0.31		0.41	0.45	
Uniform Delay, d1	14.6	16.1		13.6	15.6		36.2	26.8		28.0	28.4	
Progression Factor	1.06	0.95		0.47	0.52		1.01	1.00		1.00	1.00	
Incremental Delay, d2	1.0	0.3		0.2	0.3		32.8	0.3		0.7	0.5	
Delay (s)	16.6	15.6		6.7	8.4		69.2	27.1		28.7	28.9	
Level of Service	В	В		Α	Α		Е	C		C	С	
Approach Delay (s)		15.7			8.3		_	51.0			28.8	
Approach LOS		В			Α			D			С	
Intersection Summary												
HCM Average Control Dela	у		22.7	Н	CM Level	of Service	е		С			
HCM Volume to Capacity ra	atio		0.57									
Actuated Cycle Length (s)			120.0	S	um of los	t time (s)			12.0			
Intersection Capacity Utiliza	ation		69.3%	IC	U Level	of Service	•		С			
Analysis Period (min)			15									
c Critical Lane Group												

	•	-	•	•	←	•	4	†	1	>	↓	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	1/4	ተተ _ጉ		16.54	ተተ _ጉ		1/1	† 1>		16.54	^	7
Volume (vph)	144	695	35	72	559	19	41	139	46	37	390	178
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	6.0	6.0		6.0	6.0		6.0	6.0		6.0	6.0	6.0
Lane Util. Factor	0.97	0.91		0.97	0.91		0.97	0.95		0.97	0.95	1.00
Frt	1.00	0.99		1.00	0.99		1.00	0.96		1.00	1.00	0.85
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00		0.95	1.00	1.00
Satd. Flow (prot)	3433	5049		3433	5060		3433	3407		3433	3539	1583
Flt Permitted	0.95	1.00		0.95	1.00		0.95	1.00		0.95	1.00	1.00
Satd. Flow (perm)	3433	5049		3433	5060		3433	3407		3433	3539	1583
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	157	755	38	78	608	21	45	151	50	40	424	193
RTOR Reduction (vph)	0	4	0	0	2	0	0	30	0	0	0	148
Lane Group Flow (vph)	157	789	0	78	627	0	45	171	0	40	424	45
Turn Type	Prot			Prot			Prot			Prot		Perm
Protected Phases	1	6		5	2		7	4		3	8	
Permitted Phases												8
Actuated Green, G (s)	10.8	59.6		9.6	58.4		5.9	21.1		5.7	20.9	20.9
Effective Green, g (s)	10.8	59.6		9.6	58.4		5.9	21.1		5.7	20.9	20.9
Actuated g/C Ratio	0.09	0.50		0.08	0.49		0.05	0.18		0.05	0.17	0.17
Clearance Time (s)	6.0	6.0		6.0	6.0		6.0	6.0		6.0	6.0	6.0
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	3.0
Lane Grp Cap (vph)	309	2508		275	2463		169	599		163	616	276
v/s Ratio Prot	c0.05	c0.16		0.02	c0.12		0.01	c0.05		0.01	c0.12	
v/s Ratio Perm												0.03
v/c Ratio	0.51	0.31		0.28	0.25		0.27	0.28		0.25	0.69	0.16
Uniform Delay, d1	52.1	18.0		52.0	18.0		55.0	42.9		55.1	46.5	42.1
Progression Factor	0.79	0.75		0.98	0.98		1.00	1.00		1.00	1.00	1.00
Incremental Delay, d2	1.3	0.3		0.6	0.2		0.8	0.3		0.8	3.2	0.3
Delay (s)	42.3	13.8		51.4	17.9		55.8	43.2		55.9	49.7	42.4
Level of Service	D	В		D	В		Е	D		Е	D	D
Approach Delay (s)		18.5			21.6			45.5			47.9	
Approach LOS		В			С			D			D	
Intersection Summary												
HCM Average Control Dela	у		29.5	Н	CM Level	of Servic	e		С			
HCM Volume to Capacity ra	atio		0.37									
Actuated Cycle Length (s)			120.0	S	um of los	t time (s)			12.0			
Intersection Capacity Utiliza	ation		50.1%	IC	CU Level	of Service			Α			
Analysis Period (min)			15									
c Critical Lane Group												

Ane Configurations 7		۶	→	•	•	←	4	4	†	/	/	↓	4
Volume (vph)	Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
deal Flow (yphpl) 1900 1900 1900 1900 1900 1900 1900 190	Lane Configurations	٦	ተተ _ጉ		ሻ	ተተተ	7	ň	†	7	٦	^	7
Fotal Lost time (s) 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0	Volume (vph)	2	415	260	45			147	123	26	121		
Lane Util. Factor	Ideal Flow (vphpl)	1900	1900	1900	1900		1900		1900		1900	1900	
Fit 1.00 0.94 1.00 1.00 0.85 1.00 1.00 0.85 1.00 1.00 0.85 1.00 1.00 0.85 1.00 1.00 0.85 1.00 1.00 0.85 1.00 1.00 0.85 1.00 1.00 0.95 1.00 1.00 0.85 1.00 1.00 0.95 1.00 0.95 1.00 1.00 0.95 1.00 1.00 0.95 1.00 1.00 0.95 1.00 1.00 0.95 1.00 1.00 0.95 1.00 1.00 0.95 1.00 1.00 0.95 1.00 0.	Total Lost time (s)						6.0	6.0	6.0	6.0	6.0		
Eit Protected 0.95 1.00 0.95 1.00 1.00 0.95 1.00 1.00 0.95 1.00 1.00 0.95 1.00 1.00 0.96 1.00 1.00 0.96 1.00 1.00 0.96 1.00 1.00 0.96 1.00 1.00 0.96 1.00 1.00 0.96 1.00 1.00 0.96 1.00 0.96 1.00 0.96 1.00 0.96 1.00 0.96 1.00 0.96 1.00 0.96 1.00 0.96 1.00 1.00 0.96 1.	Lane Util. Factor												
Satd. Flow (prot) 1770 4791 1770 5085 1583 1770 1863 1583 1770 3539 1583 11 Flore (permitted 0.54 1.00 0.36 1.00 1.00 0.43 1.00 1.00 0.63 1.00 1.00 1.00 1.00 0.63 1.00 1.00 1.00 1.00 1.00 0.63 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	Frt												
Eit Permitted	Flt Protected												
Satt Flow (perm) 1000 4791 667 5085 1583 792 1863 1583 1177 3539 1583 792 1864 1583 1177 3539 1583 792 1864 1583 1177 3539 1583 792 1864 1583 1177 3539 1583 1583 1177 3539 1583 1583 1177 3539 1583 1583 1178 1583 1178 1583 1178 1583 1178 1583 1178 1583 1178 1583 1178 1583 1178 1583 1178 1583 1178 1583 1178 1583 1178 1583 1178 1583 1178 1583 1178 1583 1178 1583 1178													
Peak-hour factor, PHF	Flt Permitted												
Adj. Flow (vph)	Satd. Flow (perm)												
RTOR Reduction (vph) 0 49 0 0 0 20 0 0 22 0 0 0 0 22 0 0 0 16 ane Group Flow (vph) 2 685 0 49 345 42 160 134 6 132 368 5 Permitted Phases 4 8 8 2 2 2 6 6 6 Actuated Green, G (s) 81.7 81.7 81.7 81.7 81.7 26.3 26.3 26.3 26.3 26.3 26.3 Actuated Green, G (s) 81.7 81.7 81.7 81.7 81.7 26.3 26.3 26.3 26.3 26.3 26.3 26.3 26.3													
Agricult	Adj. Flow (vph)			283		345			134			368	21
Furn Type Perm 4 Perm Perm Perm Perm Perm Perm Perm Perm									•				
Protected Phases	Lane Group Flow (vph)	2	685	0	49	345	42	160	134	6	132	368	5
Permitted Phases	Turn Type	Perm			Perm		Perm	Perm		Perm	Perm		Perm
Actuated Green, G (s) 81.7 81.7 81.7 81.7 81.7 26.3 26.3 26.3 26.3 26.3 26.3 26.3 26.3	Protected Phases		4			8			2			6	
Effective Green, g (s) 81.7 81.7 81.7 81.7 81.7 26.3 26.3 26.3 26.3 26.3 26.3 26.3 26.3	Permitted Phases						8			2	6		-
Actuated g/C Ratio 0.68 0.68 0.68 0.68 0.68 0.68 0.22 0.22 0.22 0.22 0.22 0.22 0.22 0.2	Actuated Green, G (s)	81.7	81.7		81.7	81.7	81.7					26.3	
Clearance Time (s) 6.0 8.0 3.0	Effective Green, g (s)												
Vehicle Extension (s) 3.0	Actuated g/C Ratio												
Lane Grp Cap (vph) 681 3262 454 3462 1078 174 408 347 258 776 347 d/s Ratio Prot c0.14 0.07 0.07 0.03 c0.20 0.00 0.11 0.00 d/s Ratio Porm 0.00 0.21 0.11 0.10 0.04 0.92 0.33 0.02 0.51 0.47 0.01 0.07 0.03 c0.20 0.00 0.11 0.00 0.06 Ratio 0.00 0.21 0.11 0.10 0.04 0.92 0.33 0.02 0.51 0.47 0.01 0.00 0.00 0.00 0.00 0.00 0.00 0.0	Clearance Time (s)				6.0				6.0		6.0		
//s Ratio Prot	Vehicle Extension (s)												
## Ratio Perm 0.00 0.07 0.03 c0.20 0.00 0.11 0.00 ## Ratio 0.00 0.21 0.11 0.10 0.04 0.92 0.33 0.02 0.51 0.47 0.01 ## Ratio 0.00 0.21 0.11 0.10 0.04 0.92 0.33 0.02 0.51 0.47 0.01 ## Ratio 0.00 0.21 0.11 0.10 0.04 0.92 0.33 0.02 0.51 0.47 0.01 ## Ratio 0.00 0.51 0.66 6.6 6.3 45.8 39.4 36.7 41.2 40.8 36.7 ## Ratio 0.00 0.47 0.44 0.68 0.73 0.21 1.00 1.00 1.00 1.00 1.00 ## Ratio 0.47 0.44 0.68 0.73 0.21 1.00 1.00 1.00 1.00 1.00 1.00 ## Ratio 0.47 0.44 0.68 0.73 0.21 1.00 1.00 1.00 1.00 1.00 ## Ratio 0.47 0.44 0.68 0.73 0.21 1.00 1.00 1.00 1.00 1.00 ## Ratio 0.47 0.47 0.47 0.47 0.47 ## Ratio 0.48 0.48 0.73 0.21 1.00 1.00 1.00 1.00 1.00 ## Ratio 0.48 0.73 0.21 0.31 0.31 0.31 0.31 ## Ratio 0.48 0.32 0.32 0.33 0.34 0.32 0.33 ## Ratio 0.35 0.35 0.35 0.35 0.35 ## Ratio 0.36 0.36 0.36 0.36 0.36 ## Ratio 0.36 0.36 0.36 0.36 0.36 0.36 0.36 0.36 ## Ratio 0.36	Lane Grp Cap (vph)	681			454		1078	174	408	347	258		347
## Ratio	v/s Ratio Prot		c0.14			0.07			0.07			0.10	
Uniform Delay, d1	v/s Ratio Perm												
Progression Factor 0.47 0.44 0.68 0.73 0.21 1.00 1.00 1.00 1.00 1.00 1.00 1.00	v/c Ratio												
Note													
Delay (s) 2.9 3.3 5.0 4.8 1.4 90.9 39.9 36.7 42.9 41.3 36.7													
Level of Service A A A A A F D													
Approach Delay (s) 3.3	Delay (s)												
A A E D D		Α			Α		Α	F		D	D		D
New York													
CM Average Control Delay 23.1 HCM Level of Service C	Approach LOS		Α			Α			Е			D	
HCM Volume to Capacity ratio 0.38 Actuated Cycle Length (s) 120.0 Sum of lost time (s) 12.0 Intersection Capacity Utilization 54.7% ICU Level of Service A	Intersection Summary												
Actuated Cycle Length (s) 120.0 Sum of lost time (s) 12.0 ntersection Capacity Utilization 54.7% ICU Level of Service A	HCM Average Control Delay				Н	CM Level	of Service	e		С			
ntersection Capacity Utilization 54.7% ICU Level of Service A	HCM Volume to Capacity ratio)											
1 ,	Actuated Cycle Length (s)												
		on			IC	U Level	of Service	•		Α			
	Analysis Period (min)			15									
Critical Lane Group	c Critical Lane Group												

Timing	Dlan.	AM	Do
Himing	Pian.	AIVI	rea

	•	\rightarrow	•	1	•	•	1	†	~	-	ţ	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	٦	1>		٦	1>		٦	ተተተ	7	7	ተተ _ጉ	
Volume (vph)	22	45	49	292	166	16	36	556	74	3	636	31
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	6.0	6.0		6.0	6.0		6.0	6.0	6.0	6.0	6.0	
Lane Util. Factor	1.00	1.00		1.00	1.00		1.00	0.91	1.00	1.00	0.91	
Frt	1.00	0.92		1.00	0.99		1.00	1.00	0.85	1.00	0.99	
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00	1.00	0.95	1.00	
Satd. Flow (prot)	1770	1718		1770	1839		1770	5085	1583	1770	5050	
Flt Permitted	0.40	1.00		0.66	1.00		0.31	1.00	1.00	0.41	1.00	
Satd. Flow (perm)	745	1718		1238	1839		570	5085	1583	769	5050	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	24	49	53	317	180	17	39	604	80	3	691	34
RTOR Reduction (vph)	0	36	0	0	4	0	0	0	21	0	3	0
Lane Group Flow (vph)	24	66	0	317	193	0	39	604	59	3	722	0
Turn Type	pm+pt			pm+pt			pm+pt		Perm	pm+pt		
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases	4			8			2		2	6		
Actuated Green, G (s)	16.3	10.0		34.8	22.5		66.0	66.0	66.0	62.7	62.7	
Effective Green, g (s)	16.3	10.0		34.8	22.5		66.0	66.0	66.0	62.7	62.7	
Actuated g/C Ratio	0.14	0.08		0.29	0.19		0.55	0.55	0.55	0.52	0.52	
Clearance Time (s)	6.0	6.0		6.0	6.0		6.0	6.0	6.0	6.0	6.0	
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0	3.0	3.0	3.0	
Lane Grp Cap (vph)	155	143		442	345		359	2797	871	412	2639	
v/s Ratio Prot	0.01	0.04		c0.11	0.10		0.00	c0.12		0.00	c0.14	
v/s Ratio Perm	0.01			c0.10			0.06		0.04	0.00		
v/c Ratio	0.15	0.46		0.72	0.56		0.11	0.22	0.07	0.01	0.27	
Uniform Delay, d1	50.8	52.4		37.6	44.2		12.9	13.8	12.6	13.7	16.0	
Progression Factor	1.00	1.00		1.00	1.00		0.84	0.82	0.72	0.70	0.67	
Incremental Delay, d2	0.5	2.4		5.5	2.0		0.1	0.2	0.1	0.0	0.3	
Delay (s)	51.3	54.8		43.1	46.2		10.9	11.5	9.3	9.6	11.0	
Level of Service	D	D		D	D		В	В	Α	Α	В	
Approach Delay (s)		54.1			44.3			11.2			11.0	
Approach LOS		D			D			В			В	
Intersection Summary												
HCM Average Control Del	ay		21.8	Н	CM Level	of Service	се		С			
HCM Volume to Capacity			0.42									
Actuated Cycle Length (s)			120.0	S	um of los	t time (s)			18.0			
Intersection Capacity Utiliz	zation		54.2%		U Level		•		Α			
Analysis Period (min)			15									
c Critical Lane Group												

	۶	→	\rightarrow	•	←	•	4	†	/	-	↓	1
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBF
Lane Configurations	7	†	7	7	†	7	Ĭ,	ተተተ	7	, J	ተተተ	7
Volume (vph)	48	85	134	52	200	38	151	524	43	32	876	55
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00	0.91	1.00
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (prot)	1770	1863	1583	1770	1863	1583	1770	5085	1583	1770	5085	1583
Flt Permitted	0.37	1.00	1.00	0.70	1.00	1.00	0.28	1.00	1.00	0.43	1.00	1.00
Satd. Flow (perm)	694	1863	1583	1299	1863	1583	528	5085	1583	796	5085	1583
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	52	92	146	57	217	41	164	570	47	35	952	60
RTOR Reduction (vph)	0	0	122	0	0	18	0	0	12	0	0	16
Lane Group Flow (vph)	52	92	24	57	217	23	164	570	35	35	952	44
Turn Type	Perm		Perm	Perm		Perm	Perm		Perm	Perm		Perm
Protected Phases		4			8			2			6	
Permitted Phases	4		4	8		8	2		2	6		(
Actuated Green, G (s)	19.4	19.4	19.4	19.4	19.4	19.4	88.6	88.6	88.6	88.6	88.6	88.6
Effective Green, g (s)	19.4	19.4	19.4	19.4	19.4	19.4	88.6	88.6	88.6	88.6	88.6	88.6
Actuated g/C Ratio	0.16	0.16	0.16	0.16	0.16	0.16	0.74	0.74	0.74	0.74	0.74	0.74
Clearance Time (s)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	112	301	256	210	301	256	390	3754	1169	588	3754	1169
v/s Ratio Prot		0.05			c0.12			0.11			0.19	
v/s Ratio Perm	0.07		0.01	0.04		0.01	c0.31		0.02	0.04		0.03
v/c Ratio	0.46	0.31	0.09	0.27	0.72	0.09	0.42	0.15	0.03	0.06	0.25	0.04
Uniform Delay, d1	45.6	44.4	42.8	44.1	47.7	42.8	6.0	4.6	4.2	4.3	5.1	4.2
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.50	0.47	0.06
Incremental Delay, d2	3.0	0.6	0.2	0.7	8.2	0.1	3.3	0.1	0.0	0.2	0.2	0.1
Delay (s)	48.6	44.9	43.0	44.8	56.0	42.9	9.3	4.7	4.2	2.3	2.6	0.3
Level of Service	D	D	D	D	Е	D	Α	Α	Α	Α	Α	F
Approach Delay (s)		44.6			52.2			5.6			2.4	
Approach LOS		D			D			Α			Α	
Intersection Summary												
HCM Average Control Dela	y		14.9	Н	CM Leve	of Service	се		В			
HCM Volume to Capacity ra	atio		0.47									
Actuated Cycle Length (s)			120.0	S	um of los	t time (s)			12.0			
Intersection Capacity Utiliza	ation		59.2%	IC	U Level	of Service	9		В			
Analysis Period (min)			15									
c Critical Lane Group												

HCM Signalized Intersection Capacity Analysis 15: 700 North & SR-89

	۶	→	\rightarrow	•	←	•	4	†	1	>	↓	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	ሻ	1>		ሻ	↑	7		^	7	٦	^	7
Volume (vph)	25	61	59	169	50	29	28	157	40	32	508	9
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0		4.0	4.0	4.0		4.0	4.0	4.0	4.0	4.0
Lane Util. Factor	1.00	1.00		1.00	1.00	1.00		0.95	1.00	1.00	0.95	1.00
Frt	1.00	0.93		1.00	1.00	0.85		1.00	0.85	1.00	1.00	0.85
Flt Protected	0.95	1.00		0.95	1.00	1.00		0.99	1.00	0.95	1.00	1.00
Satd. Flow (prot)	1770	1725		1770	1863	1583		3513	1583	1770	3539	1583
Flt Permitted	0.72	1.00		0.67	1.00	1.00		0.85	1.00	0.63	1.00	1.00
Satd. Flow (perm)	1345	1725		1255	1863	1583		2999	1583	1165	3539	1583
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	27	66	64	184	54	32	30	171	43	35	552	10
RTOR Reduction (vph)	0	43	0	0	0	22	0	0	28	0	0	7
Lane Group Flow (vph)	27	87	0	184	54	10	0	201	15	35	552	3
Turn Type	Perm			Perm		Perm	Perm		Perm	Perm		Perm
Protected Phases		4			8			2			6	
Permitted Phases	4			8		8	2		2	6		6
Actuated Green, G (s)	7.8	7.8		7.8	7.8	7.8		8.5	8.5	8.5	8.5	8.5
Effective Green, g (s)	7.8	7.8		7.8	7.8	7.8		8.5	8.5	8.5	8.5	8.5
Actuated g/C Ratio	0.32	0.32		0.32	0.32	0.32		0.35	0.35	0.35	0.35	0.35
Clearance Time (s)	4.0	4.0		4.0	4.0	4.0		4.0	4.0	4.0	4.0	4.0
Vehicle Extension (s)	3.0	3.0		3.0	3.0	3.0		3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	432	554		403	598	508		1049	554	408	1238	554
v/s Ratio Prot		0.05			0.03						c0.16	
v/s Ratio Perm	0.02			c0.15		0.01		0.07	0.01	0.03		0.00
v/c Ratio	0.06	0.16		0.46	0.09	0.02		0.19	0.03	0.09	0.45	0.01
Uniform Delay, d1	5.7	5.9		6.6	5.8	5.6		5.5	5.2	5.3	6.1	5.1
Progression Factor	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	0.1	0.1		8.0	0.1	0.0		0.1	0.0	0.1	0.3	0.0
Delay (s)	5.8	6.0		7.4	5.8	5.7		5.6	5.2	5.4	6.3	5.2
Level of Service	Α	Α		Α	Α	Α		Α	Α	Α	Α	Α
Approach Delay (s)		6.0			6.9			5.5			6.3	
Approach LOS		Α			Α			Α			Α	
Intersection Summary												
HCM Average Control Delay			6.2	Н	CM Leve	of Service	е		Α			
HCM Volume to Capacity ra	atio		0.45									
Actuated Cycle Length (s)			24.3		um of los				8.0			
Intersection Capacity Utiliza	ition		45.2%	IC	U Level	of Service)		Α			
Analysis Period (min)			15									
c Critical Lane Group												

	۶	→	\rightarrow	•	←	•	4	†	/	>	ļ	1
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	7	ĵ.		ň	↑	7	ň	ĥ		7	ĵ»	
Volume (vph)	25	50	25	25	150	25	25	225	25	75	300	40
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	6.0	6.0		6.0	6.0	6.0	6.0	6.0		6.0	6.0	
Lane Util. Factor	1.00	1.00		1.00	1.00	1.00	1.00	1.00		1.00	1.00	
Frt	1.00	0.95		1.00	1.00	0.85	1.00	0.99		1.00	0.98	
Flt Protected	0.95	1.00		0.95	1.00	1.00	0.95	1.00		0.95	1.00	
Satd. Flow (prot)	1770	1770		1770	1863	1583	1770	1835		1770	1830	
Flt Permitted	0.65	1.00		0.70	1.00	1.00	0.54	1.00		0.59	1.00	
Satd. Flow (perm)	1218	1770		1312	1863	1583	1009	1835		1103	1830	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	27	54	27	27	163	27	27	245	27	82	326	43
RTOR Reduction (vph)	0	21	0	0	0	21	0	7	0	0	9	0
Lane Group Flow (vph)	27	60	0	27	163	6	27	265	0	82	360	0
Turn Type	Perm			Perm		Perm	Perm			Perm		
Protected Phases		4			8			2			6	
Permitted Phases	4			8		8	2			6		
Actuated Green, G (s)	6.3	6.3		6.3	6.3	6.3	9.3	9.3		9.3	9.3	
Effective Green, g (s)	6.3	6.3		6.3	6.3	6.3	9.3	9.3		9.3	9.3	
Actuated g/C Ratio	0.23	0.23		0.23	0.23	0.23	0.34	0.34		0.34	0.34	
Clearance Time (s)	6.0	6.0		6.0	6.0	6.0	6.0	6.0		6.0	6.0	
Vehicle Extension (s)	3.0	3.0		3.0	3.0	3.0	3.0	3.0		3.0	3.0	
Lane Grp Cap (vph)	278	404		299	425	361	340	618		372	617	
v/s Ratio Prot		0.03			c0.09			0.14			c0.20	
v/s Ratio Perm	0.02			0.02		0.00	0.03			0.07		
v/c Ratio	0.10	0.15		0.09	0.38	0.02	0.08	0.43		0.22	0.58	
Uniform Delay, d1	8.4	8.5		8.4	9.0	8.3	6.2	7.1		6.6	7.6	
Progression Factor	1.00	1.00		1.00	1.00	1.00	1.00	1.00		1.00	1.00	
Incremental Delay, d2	0.2	0.2		0.1	0.6	0.0	0.1	0.5		0.3	1.4	
Delay (s)	8.6	8.7		8.5	9.6	8.3	6.3	7.6		6.9	9.0	
Level of Service	Α	Α		Α	Α	Α	Α	Α		Α	Α	
Approach Delay (s)		8.6			9.3			7.5			8.6	
Approach LOS		Α			Α			Α			Α	
Intersection Summary												
HCM Average Control Dela	у		8.4	Н	CM Level	of Service	е		Α			
HCM Volume to Capacity ra	atio		0.50									
Actuated Cycle Length (s)			27.6	S	um of los	t time (s)			12.0			
Intersection Capacity Utiliza	ation		58.6%	IC	U Level	of Service)		В			
Analysis Period (min)			15									
c Critical Lane Group												

	•	\mathbf{x}	À	~	×	₹	ን	*	~	Ĺ	×	*
Movement	SEL	SET	SER	NWL	NWT	NWR	NEL	NET	NER	SWL	SWT	SWR
Lane Configurations	1,4	^	7	1/2	† †	7	1,4	∱ 1≽		1,4	ት ኈ	
Volume (vph)	10	33	10	369	65	12	74	650	299	20	1000	31
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.0	6.0	6.0	5.0	6.0	6.0	5.0	6.0		5.0	6.0	
Lane Util. Factor	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.95		0.97	0.95	
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	0.95		1.00	1.00	
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00		0.95	1.00	
Satd. Flow (prot)	3433	3539	1583	3433	3539	1583	3433	3372		3433	3523	
Flt Permitted	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00		0.95	1.00	
Satd. Flow (perm)	3433	3539	1583	3433	3539	1583	3433	3372		3433	3523	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	11	36	11	401	71	13	80	707	325	22	1087	34
RTOR Reduction (vph)	0	0	10	0	0	10	0	34	0	0	2	0
Lane Group Flow (vph)	11	36	1	401	71	3	80	998	0	22	1119	0
Turn Type	Prot		Perm	Prot		Perm	Prot			Prot		
Protected Phases	1	6		5	2		7	4		3	8	
Permitted Phases			6			2						
Actuated Green, G (s)	1.0	4.6	4.6	17.2	20.8	20.8	6.0	44.2		2.2	40.4	
Effective Green, g (s)	1.0	4.6	4.6	17.2	20.8	20.8	6.0	44.2		2.2	40.4	
Actuated g/C Ratio	0.01	0.05	0.05	0.19	0.23	0.23	0.07	0.49		0.02	0.45	
Clearance Time (s)	5.0	6.0	6.0	5.0	6.0	6.0	5.0	6.0		5.0	6.0	
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0		3.0	3.0	
Lane Grp Cap (vph)	38	180	81	655	816	365	228	1652		84	1578	
v/s Ratio Prot	0.00	c0.01		c0.12	0.02		c0.02	c0.30		0.01	c0.32	
v/s Ratio Perm			0.00			0.00						
v/c Ratio	0.29	0.20	0.01	0.61	0.09	0.01	0.35	0.60		0.26	0.71	
Uniform Delay, d1	44.2	41.0	40.6	33.4	27.2	26.7	40.2	16.7		43.2	20.1	
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	
Incremental Delay, d2	4.2	0.5	0.0	1.7	0.0	0.0	0.9	0.6		1.7	1.5	
Delay (s)	48.4	41.6	40.7	35.1	27.3	26.8	41.2	17.3		44.9	21.6	
Level of Service	D	D	D	D	С	С	D	В		D	С	
Approach Delay (s)		42.7			33.8			19.0			22.1	
Approach LOS		D			С			В			С	
Intersection Summary												
HCM Average Control Delay			23.3	Н	CM Leve	of Service	e		С			
HCM Volume to Capacity ratio)		0.68									
Actuated Cycle Length (s)			90.2	S	um of los	t time (s)			28.0			
Intersection Capacity Utilization	on		58.9%	IC	CU Level	of Service)		В			
Analysis Period (min)			15									
c Critical Lane Group												

	y	×	À	Ž	×	₹	ን	×	~	Ĺ	×	*_
Movement	SEL	SET	SER	NWL	NWT	NWR	NEL	NET	NER	SWL	SWT	SWF
Lane Configurations	Ĭ,	4	7					^	7	1,4	↑	
Volume (vph)	643	3	53	0	0	0	0	30	29	564	116	(
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	6.0	6.0	6.0					6.0	6.0	6.0	6.0	
Lane Util. Factor	0.95	0.95	1.00					0.95	1.00	0.97	1.00	
Frt	1.00	1.00	0.85					1.00	0.85	1.00	1.00	
Flt Protected	0.95	0.95	1.00					1.00	1.00	0.95	1.00	
Satd. Flow (prot)	1681	1686	1583					3539	1583	3433	1863	
Flt Permitted	0.95	0.95	1.00					1.00	1.00	0.95	1.00	
Satd. Flow (perm)	1681	1686	1583					3539	1583	3433	1863	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	699	3	58	0	0	0	0	33	32	613	126	(
RTOR Reduction (vph)	0	0	40	0	0	0	0	0	30	0	0	(
Lane Group Flow (vph)	349	353	18	0	0	0	0	33	2	613	126	(
Turn Type	Perm		Perm						Perm	Prot		
Protected Phases		6						4		3	8	
Permitted Phases	6		6						4			
Actuated Green, G (s)	13.8	13.8	13.8					3.3	3.3	10.5	19.8	
Effective Green, g (s)	13.8	13.8	13.8					3.3	3.3	10.5	19.8	
Actuated g/C Ratio	0.30	0.30	0.30					0.07	0.07	0.23	0.43	
Clearance Time (s)	6.0	6.0	6.0					6.0	6.0	6.0	6.0	
Vehicle Extension (s)	3.0	3.0	3.0					3.0	3.0	3.0	3.0	
Lane Grp Cap (vph)	509	510	479					256	115	790	809	
v/s Ratio Prot								0.01		c0.18	c0.07	
v/s Ratio Perm	0.21	0.21	0.01						0.00			
v/c Ratio	0.69	0.69	0.04					0.13	0.02	0.78	0.16	
Uniform Delay, d1	14.0	14.0	11.2					19.8	19.6	16.4	7.8	
Progression Factor	1.00	1.00	1.00					1.00	1.00	1.00	1.00	
Incremental Delay, d2	3.8	4.0	0.0					0.2	0.1	4.8	0.1	
Delay (s)	17.8	18.1	11.2					20.0	19.7	21.3	7.9	
Level of Service	В	В	В					С	В	С	Α	
Approach Delay (s)		17.4			0.0			19.9			19.0	
Approach LOS		В			Α			В			В	
Intersection Summary												
HCM Average Control Delay	У		18.3	Н	CM Leve	of Service	е		В			
HCM Volume to Capacity ra	atio		0.55									
Actuated Cycle Length (s)			45.6	S	um of los	t time (s)			12.0			
Intersection Capacity Utiliza	ition		91.4%			of Service)		F			
Analysis Period (min)			15									
c Critical Lane Group												

	y	×	Ì	~	×	₹	ን	×	~	Ĺ	K	*
Movement	SEL	SET	SER	NWL	NWT	NWR	NEL	NET	NER	SWL	SWT	SWR
Lane Configurations					4	7	- ሻ	^			^	7
Volume (vph)	0	0	0	131	0	430	69	509	0	0	650	609
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)					6.0	6.0	6.0	6.0			6.0	6.0
Lane Util. Factor					1.00	1.00	1.00	0.95			0.95	1.00
Frt					1.00	0.85	1.00	1.00			1.00	0.85
Flt Protected					0.95	1.00	0.95	1.00			1.00	1.00
Satd. Flow (prot)					1770	1583	1770	3539			3539	1583
Flt Permitted					0.95	1.00	0.36	1.00			1.00	1.00
Satd. Flow (perm)					1770	1583	679	3539			3539	1583
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	0	0	0	142	0	467	75	553	0	0	707	662
RTOR Reduction (vph)	0	0	0	0	0	121	0	0	0	0	0	387
Lane Group Flow (vph)	0	0	0	0	142	346	75	553	0	0	707	275
Turn Type				Perm		Perm	Perm					Perm
Protected Phases					2			4			8	
Permitted Phases				2		2	4					8
Actuated Green, G (s)					14.5	14.5	18.8	18.8			18.8	18.8
Effective Green, g (s)					14.5	14.5	18.8	18.8			18.8	18.8
Actuated g/C Ratio					0.32	0.32	0.42	0.42			0.42	0.42
Clearance Time (s)					6.0	6.0	6.0	6.0			6.0	6.0
Vehicle Extension (s)					3.0	3.0	3.0	3.0			3.0	3.0
Lane Grp Cap (vph)					567	507	282	1469			1469	657
v/s Ratio Prot								0.16			c0.20	
v/s Ratio Perm					0.08	c0.22	0.11					0.17
v/c Ratio					0.25	0.68	0.27	0.38			0.48	0.42
Uniform Delay, d1					11.4	13.4	8.7	9.2			9.7	9.4
Progression Factor					1.00	1.00	1.00	1.00			1.00	1.00
Incremental Delay, d2					0.2	3.8	0.5	0.2			0.2	0.4
Delay (s)					11.6	17.2	9.2	9.3			9.9	9.8
Level of Service					В	В	Α	Α			Α	Α
Approach Delay (s)		0.0			15.9			9.3			9.9	
Approach LOS		Α			В			Α			Α	
Intersection Summary												
HCM Average Control Delay			11.1	Н	CM Leve	of Service	е		В			
HCM Volume to Capacity ratio			0.57									
Actuated Cycle Length (s)			45.3	S	um of los	t time (s)			12.0			
Intersection Capacity Utilization	1		91.4%	IC	CU Level	of Service)		F			
Analysis Period (min)			15									
c Critical Lane Group												

	۶	→	•	•	←	•	1	†	/	/	↓	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	7	î,		ň	î,		7	£		7	î»	
Volume (vph)	28	116	226	40	178	38	108	327	34	22	881	57
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	6.0	6.0		6.0	6.0		6.0	6.0		6.0	6.0	
Lane Util. Factor	1.00	1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Frt	1.00	0.90		1.00	0.97		1.00	0.99		1.00	0.99	
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00		0.95	1.00	
Satd. Flow (prot)	1770	1678		1770	1814		1770	1836		1770	1846	
Flt Permitted	0.58	1.00		0.36	1.00		0.12	1.00		0.52	1.00	
Satd. Flow (perm)	1079	1678		677	1814		231	1836		976	1846	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	30	126	246	43	193	41	117	355	37	24	958	62
RTOR Reduction (vph)	0	101	0	0	14	0	0	7	0	0	4	0
Lane Group Flow (vph)	30	271	0	43	220	0	117	385	0	24	1016	0
Turn Type	Perm			Perm			Perm			Perm		
Protected Phases		4			8			2			6	
Permitted Phases	4			8			2			6		
Actuated Green, G (s)	11.0	11.0		11.0	11.0		32.2	32.2		32.2	32.2	
Effective Green, g (s)	11.0	11.0		11.0	11.0		32.2	32.2		32.2	32.2	
Actuated g/C Ratio	0.20	0.20		0.20	0.20		0.58	0.58		0.58	0.58	
Clearance Time (s)	6.0	6.0		6.0	6.0		6.0	6.0		6.0	6.0	
Vehicle Extension (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lane Grp Cap (vph)	215	334		135	361		135	1071		569	1077	
v/s Ratio Prot		c0.16			0.12			0.21			c0.55	
v/s Ratio Perm	0.03			0.06			0.51			0.02		
v/c Ratio	0.14	0.81		0.32	0.61		0.87	0.36		0.04	0.94	
Uniform Delay, d1	18.2	21.1		18.9	20.1		9.7	6.1		4.9	10.7	
Progression Factor	1.00	1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Incremental Delay, d2	0.1	13.2		0.5	2.1		39.2	0.1		0.0	15.4	
Delay (s)	18.3	34.3		19.4	22.3		48.9	6.1		4.9	26.1	
Level of Service	В	С		В	С		D	Α		Α	С	
Approach Delay (s)		33.1			21.8			16.0			25.6	
Approach LOS		С			С			В			С	
Intersection Summary												
HCM Average Control Delay			24.3	Н	CM Level	of Service	e		С			
HCM Volume to Capacity rati	0		0.91									
Actuated Cycle Length (s)			55.2		um of lost				12.0			
Intersection Capacity Utilizati	on		107.3%	IC	U Level	of Service	:		G			
Analysis Period (min)			15									
c Critical Lane Group												

	•	-	•	✓	←	•	1	†	~	-	↓	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	*	†	7	*	f.		ሻ	1→		7	1	
Volume (vph)	76	98	32	8	244	16	37	249	3	34	550	166
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.0	6.0	6.0	5.0	6.0		5.0	6.0		5.0	6.0	
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00		1.00	1.00		1.00	1.00	
Frt	1.00	1.00	0.85	1.00	0.99		1.00	1.00		1.00	0.97	
Flt Protected	0.95	1.00	1.00	0.95	1.00		0.95	1.00		0.95	1.00	
Satd. Flow (prot)	1770	1863	1583	1770	1846		1770	1860		1770	1798	
Flt Permitted	0.31	1.00	1.00	0.69	1.00		0.16	1.00		0.53	1.00	
Satd. Flow (perm)	574	1863	1583	1281	1846		295	1860		994	1798	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	83	107	35	9	265	17	40	271	3	37	598	180
RTOR Reduction (vph)	0	0	25	0	2	0	0	1	0	0	12	0
Lane Group Flow (vph)	83	107	10	9	280	0	40	273	0	37	766	0
Turn Type	pm+pt		Perm	pm+pt			pm+pt			pm+pt		
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases	4		4	8			2			6		
Actuated Green, G (s)	27.0	20.9	20.9	16.5	15.4		29.0	25.3		28.8	25.2	
Effective Green, g (s)	27.0	20.9	20.9	16.5	15.4		29.0	25.3		28.8	25.2	
Actuated g/C Ratio	0.37	0.29	0.29	0.23	0.21		0.40	0.35		0.40	0.35	
Clearance Time (s)	5.0	6.0	6.0	5.0	6.0		5.0	6.0		5.0	6.0	
Vehicle Extension (s)	3.0	1.0	1.0	3.0	1.0		3.0	3.0		3.0	3.0	
Lane Grp Cap (vph)	321	534	454	297	390		192	646		431	622	
v/s Ratio Prot	c0.02	0.06		0.00	c0.15		c0.01	0.15		0.00	c0.43	
v/s Ratio Perm	0.07		0.01	0.01			0.07			0.03		
v/c Ratio	0.26	0.20	0.02	0.03	0.72		0.21	0.42		0.09	1.23	
Uniform Delay, d1	15.9	19.7	18.7	21.9	26.7		16.7	18.2		13.7	23.8	
Progression Factor	1.00	1.00	1.00	1.00	1.00		1.00	1.00		1.00	1.00	
Incremental Delay, d2	0.4	0.1	0.0	0.0	5.2		0.5	0.4		0.1	117.5	
Delay (s)	16.3	19.7	18.7	22.0	31.9		17.2	18.7		13.8	141.4	
Level of Service	В	В	В	С	С		В	В		В	F	
Approach Delay (s)		18.3			31.6			18.5			135.6	
Approach LOS		В			С			В			F	
Intersection Summary												
HCM Average Control Dela	ay		78.8	Н	CM Leve	of Service	се		Е			
HCM Volume to Capacity I	ratio		0.88									
Actuated Cycle Length (s)			72.9	S	um of los	t time (s)			22.0			
Intersection Capacity Utiliz	ation		71.2%	IC	CU Level	of Service	9		С			
Analysis Period (min)			15									
c Critical Lane Group												

HCM Unsignalized Intersection Capacity Analysis 13: SR-89 & 100 East

Timing Plan: AM Peak

	۶	→	←	•	>	4				
Movement	EBL	EBT	WBT	WBR	SBL	SBR				
Lane Configurations	٦	ተተተ	^	7	¥					
Volume (veh/h)	55	493	466	260	253	46				
Sign Control		Free	Free		Stop					
Grade		0%	0%		0%					
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				
Hourly flow rate (vph)	60	536	507	283	275	50				
Pedestrians										
Lane Width (ft)										
Walking Speed (ft/s)										
Percent Blockage										
Right turn flare (veh)										
Median type		TWLTL	TWLTL							
Median storage veh)		2	2							
Upstream signal (ft)		629	1179							
pX, platoon unblocked	0.97				0.97	0.97				
vC, conflicting volume	789				805	253				
vC1, stage 1 conf vol					507					
vC2, stage 2 conf vol					298					
vCu, unblocked vol	718				734	165				
tC, single (s)	4.1				6.8	6.9				
tC, 2 stage (s)					5.8					
tF (s)	2.2				3.5	3.3				
p0 queue free %	93				47	94				
cM capacity (veh/h)	852				518	824				
Direction, Lane #	EB 1	EB 2	EB 3	EB 4	WB 1	WB 2	WB 3	SB 1		
Volume Total	60	179	179	179	253	253	283	325		
Volume Left	60	0	0	0	0	0	0	275		
Volume Right	0	0	0	0	0	0	283	50		
cSH	852	1700	1700	1700	1700	1700	1700	550		
Volume to Capacity	0.07	0.11	0.11	0.11	0.15	0.15	0.17	0.59		
Queue Length 95th (ft)	6	0	0	0	0	0	0	95		
Control Delay (s)	9.5	0.0	0.0	0.0	0.0	0.0	0.0	20.6		
Lane LOS	Α							С		
Approach Delay (s)	1.0				0.0			20.6		
Approach LOS								С		
Intersection Summary										
Average Delay			4.2							
Intersection Capacity Utiliza	ation		43.0%	10	CU Level	of Service	9		Α	
Analysis Period (min)			15							
, ,										

Synchro 7 - Report

Page 13

Timing Plan: AM Peak

	€	•	†	~	-	Ţ	
Movement	WBL	WBR	NBT	NBR	SBL	SBT	ı
Lane Configurations	W		↑	7	ሻ	^	
Volume (veh/h)	32	72	377	18	51	852	
Sign Control	Stop		Free			Free	
Grade	0%		0%			0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	
Hourly flow rate (vph)	35	78	410	20	55	926	
Pedestrians							
Lane Width (ft)							
Walking Speed (ft/s)							
Percent Blockage							
Right turn flare (veh)							
Median type			None			TWLTL	
Median storage veh)						2	
Upstream signal (ft)							
pX, platoon unblocked							
vC, conflicting volume	1447	410			429		
vC1, stage 1 conf vol	410						
vC2, stage 2 conf vol	1037						
vCu, unblocked vol	1447	410			429		
tC, single (s)	6.4	6.2			4.1		
tC, 2 stage (s)	5.4						
tF (s)	3.5	3.3			2.2		
p0 queue free %	88	88			95		
cM capacity (veh/h)	302	642			1130		
Direction, Lane #	WB 1	NB 1	NB 2	SB 1	SB 2		
Volume Total	113	410	20	55	926		
Volume Left	35	0	0	55	0		
Volume Right	78	0	20	0	0		
cSH	477	1700	1700	1130	1700		
Volume to Capacity	0.24	0.24	0.01	0.05	0.54		
Queue Length 95th (ft)	23	0	0	4	0		
Control Delay (s)	14.9	0.0	0.0	8.3	0.0		
Lane LOS	В			Α			
Approach Delay (s)	14.9	0.0		0.5			
Approach LOS	В						
Intersection Summary							
Average Delay			1.4				Т
Intersection Capacity Utiliz	ation		57.7%	IC	U Level	of Service	
Analysis Period (min)			15				

HCM Unsignalized Intersection Capacity Analysis 48: 1100 North & 1300 West

Timina	Plan.	ΔM	Paal

	۶	→	\rightarrow	•	•	•	•	†	<i>></i>	-	ļ	1
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	7	ĵ.		Ĭ	ĵ»			4			4	
Volume (veh/h)	8	106	25	54	214	9	24	71	40	27	152	14
Sign Control		Free			Free			Stop			Stop	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	9	115	27	59	233	10	26	77	43	29	165	15
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)												
Median type		TWLTL			TWLTL							
Median storage veh)		2			2							
Upstream signal (ft)												
pX, platoon unblocked												
vC, conflicting volume	242			142			594	506	129	570	515	238
vC1, stage 1 conf vol							146	146		355	355	
vC2, stage 2 conf vol							448	360		215	160	
vCu, unblocked vol	242			142			594	506	129	570	515	238
tC, single (s)	4.1			4.1			7.1	6.5	6.2	7.1	6.5	6.2
tC, 2 stage (s)							6.1	5.5		6.1	5.5	
tF (s)	2.2			2.2			3.5	4.0	3.3	3.5	4.0	3.3
p0 queue free %	99			96			93	86	95	94	70	98
cM capacity (veh/h)	1324			1440			383	561	921	521	559	801
Direction, Lane #	EB 1	EB 2	WB 1	WB 2	NB 1	SB 1						
Volume Total	9	142	59	242	147	210						
Volume Left	9	0	59	0	26	29						
Volume Right	0	27	0	10	43	15						
cSH	1324	1700	1440	1700	580	566						
Volume to Capacity	0.01	0.08	0.04	0.14	0.25	0.37						
Queue Length 95th (ft)	0	0	3	0	25	43						
Control Delay (s)	7.7	0.0	7.6	0.0	13.3	15.1						
Lane LOS	Α		Α		В	С						
Approach Delay (s)	0.4		1.5		13.3	15.1						
Approach LOS					В	С						
Intersection Summary												
Average Delay			7.0									
Intersection Capacity Utilization	n		38.1%	IC	U Level	of Service			Α			
Analysis Period (min)			15									

HCM Unsignalized Intersection Capacity Analysis 72: Center Street & Main Street

Т	imina	Plan:	ΔM	Poak

	•	-	•	•	-	•	1	†	~	-	ţ	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		4	7	٦	ĵ.			4			4	
Sign Control		Stop			Stop			Stop			Stop	
Volume (vph)	2	146	155	89	302	1	97	16	28	5	56	13
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	2	159	168	97	328	1	105	17	30	5	61	14
Direction, Lane #	EB 1	EB 2	WB 1	WB 2	NB 1	SB 1						
Volume Total (vph)	161	168	97	329	153	80						
Volume Left (vph)	2	0	97	0	105	5						
Volume Right (vph)	0	168	0	1	30	14						
Hadj (s)	0.04	-0.67	0.53	0.03	0.05	-0.06						
Departure Headway (s)	5.8	5.1	6.2	5.7	5.9	5.9						
Degree Utilization, x	0.26	0.24	0.17	0.52	0.25	0.13						
Capacity (veh/h)	586	669	560	618	551	534						
Control Delay (s)	9.6	8.5	9.2	13.4	10.8	9.9						
Approach Delay (s)	9.1		12.4		10.8	9.9						
Approach LOS	Α		В		В	Α						
Intersection Summary												
Delay			10.8									
HCM Level of Service			В									
Intersection Capacity Utiliza	ation		48.3%	IC	U Level	of Service			Α			
Analysis Period (min)			15									

HCM Unsignalized Intersection Capacity Analysis 74: 200 South & Main Street

74: 200 South & Ma	in Stre	et								Timing	Plan: Al	M Peak
	۶	→	\rightarrow	•	←	•	4	†	/	-	ţ	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBF
Lane Configurations		र्स	7	7	î»		7	ĵ.			4	
Sign Control		Stop			Stop			Stop			Stop	
Volume (vph)	4	46	103	57	93	22	81	151	21	10	228	7
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	4	50	112	62	101	24	88	164	23	11	248	3
Direction, Lane #	EB 1	EB 2	WB 1	WB 2	NB 1	NB 2	SB 1					
Volume Total (vph)	54	112	62	125	88	187	266					
Volume Left (vph)	4	0	62	0	88	0	11					
Volume Right (vph)	0	112	0	24	0	23	8					
Hadj (s)	0.07	-0.67	0.53	-0.10	0.53	-0.05	0.03					
Departure Headway (s)	6.5	5.7	6.9	6.2	6.4	5.9	5.9					
Degree Utilization, x	0.10	0.18	0.12	0.22	0.16	0.30	0.44					
Capacity (veh/h)	512	577	486	536	530	582	580					
Control Delay (s)	9.0	8.7	9.6	9.7	9.5	10.2	13.5					
Approach Delay (s)	8.8		9.7		10.0		13.5					
Approach LOS	Α		Α		Α		В					
Intersection Summary												
Delay			10.7									
HCM Level of Service			В									
Intersection Capacity Utilizati	ion		42.0%	IC	U Level o	of Service			Α			
Analysis Period (min)			15									

	-	•	•	—	1		
Movement	EBT	EBR	WBL	WBT	NBL	NBR	
Lane Configurations	A	7	*		*	7	_
Volume (veh/h)	264	49	32	568	76	16	
Sign Control	Free			Free	Stop		
Grade	0%			0%	0%		
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	
Hourly flow rate (vph)	287	53	35	617	83	17	
Pedestrians							
Lane Width (ft)							
Walking Speed (ft/s)							
Percent Blockage							
Right turn flare (veh)						6	
Median type	None			None			
Median storage veh)							
Upstream signal (ft)							
pX, platoon unblocked							
vC, conflicting volume			340		974	287	
vC1, stage 1 conf vol							
vC2, stage 2 conf vol							
vCu, unblocked vol			340		974	287	
tC, single (s)			4.1		6.4	6.2	
tC, 2 stage (s)							
tF (s)			2.2		3.5	3.3	
p0 queue free %			97		70	98	
cM capacity (veh/h)			1219		271	752	
Direction, Lane #	EB 1	EB 2	WB 1	WB 2	NB 1		
Volume Total	287	53	35	617	100		
Volume Left	287	53	35 35	617	100 83		
	0	53	35 0	0	17		
Volume Right cSH	1700	1700	1219	1700	328		
	0.17	0.03	0.03	0.36	0.30		
Volume to Capacity	0.17	0.03	0.03	0.36	0.30		
Queue Length 95th (ft)	0.0	0.0	8.0	0.0	21.5		
Control Delay (s) Lane LOS	0.0	0.0	8.0 A	0.0	21.5 C		
	0.0		0.4		21.5		
Approach Delay (s) Approach LOS	0.0		0.4		21.5 C		
Approach LOS					C		
Intersection Summary							
Average Delay			2.2				
Intersection Capacity Utiliz	zation		40.8%	IC	CU Level	of Service	
Analysis Period (min)			15				

	٠	→	\rightarrow	•	←	•	4	†	/	>	↓	1
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	7	ĵ.		Ĭ	ĵ.		Ţ	ĵ.			ર્ન	7
Volume (veh/h)	392	346	2	30	552	26	1	35	19	4	42	607
Sign Control		Free			Free			Stop			Stop	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	426	376	2	33	600	28	1	38	21	4	46	660
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)												4
Median type		None			None							
Median storage veh)												
Upstream signal (ft)												
pX, platoon unblocked												
vC, conflicting volume	628			378			2247	1923	377	1947	1910	614
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	628			378			2247	1923	377	1947	1910	614
tC, single (s)	4.1			4.1			7.1	6.5	6.2	7.1	6.5	6.2
tC, 2 stage (s)												
tF (s)	2.2			2.2			3.5	4.0	3.3	3.5	4.0	3.3
p0 queue free %	55			97			0	0	97	0	0	0
cM capacity (veh/h)	954			1180			0	36	669	0	37	492
Direction, Lane #	EB 1	EB 2	WB 1	WB 2	NB 1	NB 2	SB 1					
Volume Total	426	378	33	628	1	59	710					
Volume Left	426	0	33	0	1	0	4					
Volume Right	0	2	0	28	0	21	660					
cSH	954	1700	1180	1700	0	54	238					
Volume to Capacity	0.45	0.22	0.03	0.37	Err	1.09	2.99					
Queue Length 95th (ft)	58	0	2	0	Err	125	1580					
Control Delay (s)	11.8	0.0	8.1	0.0	Err	273.2	936.0					
Lane LOS	В		Α		F	F	F					
Approach Delay (s)	6.2		0.4		Err		936.0					
Approach LOS					F		F					
Intersection Summary												
Average Delay			Err									
Intersection Capacity Utiliza	ation		81.5%	IC	U Level	of Service	Э		D			
Analysis Period (min)			15									

HCM Unsignalized Intersection Capacity Analysis 97: 2600 North & 1300 West

Timing Plan: AM Peak

	-	•	•	—	4	~	
Movement	EBT	EBR	WBL	WBT	NBL	NBR	
Lane Configurations	4			4	W		
Volume (veh/h)	70	84	17	204	68	9	
Sign Control	Free			Free	Stop		
Grade	0%			0%	0%		
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	
Hourly flow rate (vph)	76	91	18	222	74	10	
Pedestrians							
Lane Width (ft)							
Walking Speed (ft/s)							
Percent Blockage							
Right turn flare (veh)							
Median type	None			None			
Median storage veh)							
Upstream signal (ft)							
pX, platoon unblocked							
vC, conflicting volume			167		380	122	
vC1, stage 1 conf vol							
vC2, stage 2 conf vol							
vCu, unblocked vol			167		380	122	
tC, single (s)			4.1		6.4	6.2	
tC, 2 stage (s)							
tF (s)			2.2		3.5	3.3	
p0 queue free %			99		88	99	
cM capacity (veh/h)			1410		614	929	
Direction, Lane #	EB 1	WB 1	NB 1				
Volume Total	167	240	84				_
Volume Left	0	18	74				
Volume Right	91	0	10				
cSH	1700	1410	639				
Volume to Capacity	0.10	0.01	0.13				
Queue Length 95th (ft)	0.10	1	11				
Control Delay (s)	0.0	0.7	11.5				
Lane LOS	0.0	Α.	11.5 B				
Approach Delay (s)	0.0	0.7	11.5				
Approach LOS	0.0	0.1	11.5 B				
••			ь				
Intersection Summary							
Average Delay			2.3				
Intersection Capacity Utiliz	ation		34.8%	IC	CU Level of	of Service	
Analysis Period (min)			15				

SR-89 5/14/2007 2008 Existing Conditions Synchro 7 - Report 6/12/2009 Page 9

HCM Unsignalized Intersection Capacity Analysis 101: 1800 North & 1300 West

Movement Lane Configurations Sign Control 4 4 4 4 Stop Stop Stop Stop 27 15 Volume (vph) 6 26 13 40 15 22 60 11 122 16 0.92 Peak Hour Factor 0.92 0.92 0.92 0.92 0.92 0.92 0.92 0.92 0.92 0.92 0.92 Hourly flow rate (vph) 7 28 14 29 43 16 24 65 12 16

Timing Plan: AM Peak

Volume Total (vph)	49	89	101	166	
Volume Left (vph)	7	29	24	16	
Volume Right (vph)	14	16	12	17	
Hadj (s)	-0.11	-0.01	0.01	-0.01	
Departure Headway (s)	4.5	4.6	4.4	4.3	
Degree Utilization, x	0.06	0.11	0.12	0.20	
Capacity (veh/h)	737	735	777	792	
Control Delay (s)	7.8	8.1	8.0	8.4	
Approach Delay (s)	7.8	8.1	8.0	8.4	
Approach LOS	Α	Α	Α	Α	

EB1 WB1 NB1 SB1

Direction, Lane #

Intersection Summary			
Delay	8.2		
HCM Level of Service	Α		
Intersection Capacity Utilization	25.4%	ICU Level of Service	Α
Analysis Period (min)	15		

Analysis Period (min)

103: 1800 North &	1800 North & 100 East Timing Plan: Alv											/I Peak
	۶	-	•	•	←	•	4	†	1	-	ļ	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBF
Lane Configurations		4			4		7	1>			4	
Volume (veh/h)	0	5	92	2	5	10	64	268	4	6	652	3
Sign Control		Stop			Stop			Free			Free	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	0	5	100	2	5	11	70	291	4	7	709	9
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)												
Median type								TWLTL			TWLTL	
Median storage veh) Upstream signal (ft)								2			2	
pX, platoon unblocked												
vC, conflicting volume	1170	1161	713	1261	1163	293	717			296		
vC1, stage 1 conf vol	726	726		433	433							
vC2, stage 2 conf vol	444	435		829	730							
vCu, unblocked vol	1170	1161	713	1261	1163	293	717			296		
tC, single (s)	7.1	6.5	6.2	7.1	6.5	6.2	4.1			4.1		
tC, 2 stage (s)	6.1	5.5		6.1	5.5							
tF (s)	3.5	4.0	3.3	3.5	4.0	3.3	2.2			2.2		
p0 queue free %	100	98	77	99	98	99	92			99		
cM capacity (veh/h)	348	362	432	197	323	746	884			1266		
Direction, Lane #	EB 1	WB 1	NB 1	NB 2	SB 1							
Volume Total	105	18	70	296	724							
Volume Left	0	2	70	0	7							
Volume Right	100	11	0	4	9							
cSH	428	435	884	1700	1266							
Volume to Capacity	0.25	0.04	0.08	0.17	0.01							
Queue Length 95th (ft)	24	3	6	0	0							
Control Delay (s)	16.2	13.6	9.4	0.0	0.1							
Lane LOS	С	В	Α		Α							
Approach Delay (s)	16.2	13.6	1.8		0.1							
Approach LOS	С	В										
Intersection Summary												
Average Delay			2.2									
Intersection Capacity Utiliza	tersection Capacity Utilization 59.5%				U Level	of Service			В			

15

	>	→	-	~	←	*_	\	×	4	*	×	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	SEL	SET	SER	NWL	NWT	NWR
Lane Configurations		4			4			4		7	ĵ»	
Volume (veh/h)	15	0	108	0	0	0	0	457	61	80	149	2
Sign Control		Stop			Stop			Free			Free	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	16	0	117	0	0	0	0	497	66	87	162	2
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)												
Median type								None			None	
Median storage veh)												
Upstream signal (ft)												
pX, platoon unblocked												
vC, conflicting volume	866	868	530	984	900	163	164			563		
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	866	868	530	984	900	163	164			563		
tC, single (s)	7.1	6.5	6.2	7.1	6.5	6.2	4.1			4.1		
tC, 2 stage (s)												
tF (s)	3.5	4.0	3.3	3.5	4.0	3.3	2.2			2.2		
p0 queue free %	94	100	79	100	100	100	100			91		
cM capacity (veh/h)	256	265	549	167	254	882	1414			1008		
Direction, Lane #	EB 1	WB 1	SE 1	NW 1	NW 2							
Volume Total	134	0	563	87	164							
Volume Left	16	0	0	87	0							
Volume Right	117	0	66	0	2							
cSH	482	1700	1414	1008	1700							
Volume to Capacity	0.28	0.00	0.00	0.09	0.10							
Queue Length 95th (ft)	28	0.00	0	7	0							
Control Delay (s)	15.3	0.0	0.0	8.9	0.0							
Lane LOS	C	Α	0.0	A	0.0							
Approach Delay (s)	15.3	0.0	0.0	3.1								
Approach LOS	С	Α										
Intersection Summary												
Average Delay			3.0									
Intersection Capacity Utiliza	ition		53.2%	IC	U Level	of Service)		Α			
Analysis Period (min)			15									

HCM Unsignalized Intersection Capacity Analysis 106: 2600 North & 900 West

Timing Plan: AM Peak

	•	-	←	•	-	✓	
Movement	EBL	EBT	WBT	WBR	SBL	SBR	
Lane Configurations		4	1→		¥		
Volume (veh/h)	12	75	149	47	63	55	
Sign Control		Free	Free		Stop		
Grade		0%	0%		0%		
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	
Hourly flow rate (vph)	13	82	162	51	68	60	
Pedestrians							
Lane Width (ft)							
Walking Speed (ft/s)							
Percent Blockage							
Right turn flare (veh)							
Median type		None	None				
Median storage veh)							
Upstream signal (ft)							
pX, platoon unblocked							
vC, conflicting volume	213				295	188	
vC1, stage 1 conf vol							
vC2, stage 2 conf vol							
vCu, unblocked vol	213				295	188	
tC, single (s)	4.1				6.4	6.2	
tC, 2 stage (s)							
tF (s)	2.2				3.5	3.3	
p0 queue free %	99				90	93	
cM capacity (veh/h)	1357				689	855	
Direction, Lane #	EB 1	WB 1	SB 1				
Volume Total	95	213	128				
Volume Left	13	0	68				
Volume Right	0	51	60				
cSH	1357	1700	758				
Volume to Capacity	0.01	0.13	0.17				
Queue Length 95th (ft)	1	0.13	15				
Control Delay (s)	1.1	0.0	10.7				
Lane LOS	Α	0.0	10.7 B				
Approach Delay (s)	1.1	0.0	10.7				
Approach LOS	1.1	0.0	10.7 B				
••			D				
Intersection Summary							
Average Delay			3.4				
Intersection Capacity Utiliza	ation		27.6%	IC	CU Level o	of Service	
Analysis Period (min)			15				

SR-89 5/14/2007 2008 Existing Conditions Synchro 7 - Report 6/12/2009 Page 13

HCM Unsignalized Intersection Capacity Analysis 108: Huntsman Lane & 900 West

Timing Plan: AM Peak

100. Hantoman La	110 00	0 1100									,	
	۶	→	•	•	—	•	4	†	1	/	ļ	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		4			4			4			4	
Sign Control		Stop			Stop			Stop			Stop	
Volume (vph)	0	29	3	0	23	0	10	20	3	3	43	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	0	32	3	0	25	0	11	22	3	3	47	0
Direction, Lane #	EB 1	WB 1	NB 1	SB 1								
Volume Total (vph)	35	25	36	50								
Volume Left (vph)	0	0	11	3								
Volume Right (vph)	3	0	3	0								
Hadj (s)	-0.02	0.03	0.04	0.05								
Departure Headway (s)	4.1	4.2	4.1	4.1								
Degree Utilization, x	0.04	0.03	0.04	0.06								
Capacity (veh/h)	856	843	848	857								
Control Delay (s)	7.3	7.3	7.3	7.4								
Approach Delay (s)	7.3	7.3	7.3	7.4								
Approach LOS	Α	Α	Α	Α								
Intersection Summary												
Delay			7.3									
HCM Level of Service			Α									
Intersection Capacity Utiliz	ation		14.8%	IC	CU Level	of Service			Α			
Analysis Period (min)			15									
. , ,												

HCM Unsignalized Intersection Capacity Analysis 114: 2600 North & 600 West

Т	imina	Plan:	ΔM	Poak

	-	•	•	•	1	
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	1			4	W	
Volume (veh/h)	119	38	9	151	18	3
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	129	41	10	164	20	3
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None			None		
Median storage veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume			171		334	150
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol			171		334	150
tC, single (s)			4.1		6.4	6.2
tC, 2 stage (s)						
tF (s)			2.2		3.5	3.3
p0 queue free %			99		97	100
cM capacity (veh/h)			1407		657	896
Direction, Lane #	EB 1	WB 1	NB 1			
Volume Total	171	174	23			
Volume Left	0	10	20			
Volume Right	41	0	3			
cSH	1700	1407	683			
Volume to Capacity	0.10	0.01	0.03			
Queue Length 95th (ft)	0	1	3			
Control Delay (s)	0.0	0.5	10.5			
Lane LOS		Α	В			
Approach Delay (s)	0.0	0.5	10.5			
Approach LOS			В			
Intersection Summary						
Average Delay			0.9			
Intersection Capacity Utiliz	ation		25.3%	IC	U Level o	of Service
Analysis Period (min)			15			

SR-89 5/14/2007 2008 Existing Conditions 6/12/2009 Synchro 7 - Report Page 15

HCM Unsignalized Intersection Capacity Analysis 116: 1800 North & 600 West

Timing Plan: AM Peak

	•	→	*	•	←	•	4	†	<i>></i>	\	ļ	1
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		4			4		٦	ĵ,		ሻ	1>	
Sign Control		Stop			Stop			Stop			Stop	
Volume (vph)	4	53	65	76	81	16	11	19	17	6	69	6
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	4	58	71	83	88	17	12	21	18	7	75	7
Direction, Lane #	EB 1	WB 1	NB 1	NB 2	SB 1	SB 2						
Volume Total (vph)	133	188	12	39	7	82						
Volume Left (vph)	4	83	12	0	7	0						
Volume Right (vph)	71	17	0	18	0	7						
Hadj (s)	-0.28	0.07	0.53	-0.30	0.53	-0.02						
Departure Headway (s)	4.2	4.5	5.9	5.0	5.8	5.3						
Degree Utilization, x	0.15	0.23	0.02	0.05	0.01	0.12						
Capacity (veh/h)	822	771	574	663	577	640						
Control Delay (s)	8.0	8.8	7.8	7.1	7.7	7.8						
Approach Delay (s)	8.0	8.8	7.3		7.8							
Approach LOS	Α	Α	Α		Α							
Intersection Summary												
Delay			8.2									
HCM Level of Service			Α									
Intersection Capacity Utiliza	ition		30.1%	IC	U Level	of Service			Α			
Analysis Period (min)			15									

SR-89 5/14/2007 2008 Existing Conditions 6/12/2009 Synchro 7 - Report Page 16

	•	→	\rightarrow	•	←	•	1	†	/	-	ţ	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		4		Ĭ,	î,			4			4	
Volume (veh/h)	12	188	26	79	205	22	10	46	19	35	124	25
Sign Control		Free			Free			Stop			Stop	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	13	204	28	86	223	24	11	50	21	38	135	27
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)												
Median type		TWLTL			TWLTL							
Median storage veh)		2			2							
Upstream signal (ft)												
pX, platoon unblocked												
vC, conflicting volume	247			233			734	663	218	697	665	235
vC1, stage 1 conf vol							245	245		407	407	
vC2, stage 2 conf vol							489	418		290	259	
vCu, unblocked vol	247			233			734	663	218	697	665	235
tC, single (s)	4.1			4.1			7.1	6.5	6.2	7.1	6.5	6.2
tC, 2 stage (s)							6.1	5.5		6.1	5.5	
tF (s)	2.2			2.2			3.5	4.0	3.3	3.5	4.0	3.3
p0 queue free %	99			94			97	90	97	92	73	97
cM capacity (veh/h)	1319			1335			356	498	821	468	491	804
Direction, Lane #	EB 1	WB 1	WB 2	NB 1	SB 1							
Volume Total	246	86	247	82	200							
Volume Left	13	86	0	11	38							
Volume Right	28	0	24	21	27							
cSH	1319	1335	1700	522	513							
Volume to Capacity	0.01	0.06	0.15	0.16	0.39							
Queue Length 95th (ft)	1	5	0	14	46							
Control Delay (s)	0.5	7.9	0.0	13.2	16.4							
Lane LOS	Α	Α		В	С							
Approach Delay (s)	0.5	2.0		13.2	16.4							
Approach LOS				В	С							
Intersection Summary												
Average Delay			6.0									
Intersection Capacity Utiliza	ition		49.4%	IC	CU Level o	of Service			Α			
Analysis Period (min)			15									

	۶	-	\rightarrow	•	•	•	4	†	~	>	ļ	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		4			4			4			4	
Volume (veh/h)	1	8	18	18	18	3	5	67	3	3	257	8
Sign Control		Stop			Stop			Free			Free	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	1	9	20	20	20	3	5	73	3	3	279	9
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)												
Median type								None			None	
Median storage veh)												
Upstream signal (ft)												
pX, platoon unblocked												
vC, conflicting volume	389	377	284	399	380	74	288			76		
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	389	377	284	399	380	74	288			76		
tC, single (s)	7.1	6.5	6.2	7.1	6.5	6.2	4.1			4.1		
tC, 2 stage (s)												
tF (s)	3.5	4.0	3.3	3.5	4.0	3.3	2.2			2.2		
p0 queue free %	100	98	97	96	96	100	100			100		
cM capacity (veh/h)	550	551	755	537	549	987	1274			1523		
Direction, Lane #	EB 1	WB 1	NB 1	SB 1								
Volume Total	29	42	82	291								
Volume Left	1	20	5	3								
Volume Right	20	3	3	9								
cSH	672	562	1274	1523								
Volume to Capacity	0.04	0.08	0.00	0.00								
Queue Length 95th (ft)	3	6	0	0								
Control Delay (s)	10.6	11.9	0.6	0.1								
Lane LOS	В	В	Α	Α								
Approach Delay (s)	10.6	11.9	0.6	0.1								
Approach LOS	В	В										
Intersection Summary												
Average Delay			2.0									
Intersection Capacity Utiliza	ation		30.3%	IC	U Level	of Service	•		Α			
Analysis Period (min)			15									

Timing Plan: AM Peak

HCM Unsignalized Intersection Capacity Analysis 130: 1100 North & 500 East

: 1100 North & 300 East	. ,		Timing Plan	: AM Peak

	۶	-	•	•	•	•	1	†	~	-	ţ	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	ሻ	f		ሻ	1			4			4	
Volume (veh/h)	1	68	60	81	168	3	54	20	30	1	54	17
Sign Control		Free			Free			Stop			Stop	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	1	74	65	88	183	3	59	22	33	1	59	18
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)												
Median type		TWLTL			TWLTL							
Median storage veh)		2			2							
Upstream signal (ft)		1157										
pX, platoon unblocked												
vC, conflicting volume	186			139			515	471	107	480	502	184
vC1, stage 1 conf vol							109	109		360	360	
vC2, stage 2 conf vol							407	362		120	141	
vCu, unblocked vol	186			139			515	471	107	480	502	184
tC, single (s)	4.1			4.1			7.1	6.5	6.2	7.1	6.5	6.2
tC, 2 stage (s)							6.1	5.5		6.1	5.5	
tF (s)	2.2			2.2			3.5	4.0	3.3	3.5	4.0	3.3
p0 queue free %	100			94			88	96	97	100	89	98
cM capacity (veh/h)	1389			1444			496	561	948	573	549	858
Direction, Lane #	EB 1	EB 2	WB 1	WB 2	NB 1	SB 1						
Volume Total	1	139	88	186	113	78						
Volume Left	1	0	88	0	59	1						
Volume Right	0	65	0	3	33	18						
cSH	1389	1700	1444	1700	591	600						
Volume to Capacity	0.00	0.08	0.06	0.11	0.19	0.13						
Queue Length 95th (ft)	0	0	5	0	18	11						
Control Delay (s)	7.6	0.0	7.7	0.0	12.5	11.9						
Lane LOS	Α		Α		В	В						
Approach Delay (s)	0.1		2.5		12.5	11.9						
Approach LOS					В	В						
Intersection Summary												
Average Delay			5.0									
Intersection Capacity Utiliza	tion		34.9%	IC	CU Level	of Service			Α			
Analysis Period (min)			15									

130: 1100 North &	500 Ea	st								Timing	g Plan: Al	M Peal
	۶	→	\rightarrow	•	←	•	4	†	1	>	ļ	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBF
Lane Configurations		4			4			4			4	
Volume (veh/h)	5	58	10	4	173	2	14	4	0	3	10	9
Sign Control		Free			Free			Stop			Stop	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	5	63	11	4	188	2	15	4	0	3	11	10
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)												
Median type		TWLTL			TWLTL							
Median storage veh)		2			2							
Upstream signal (ft)												
pX, platoon unblocked												
vC, conflicting volume	190			74			292	278	68	279	283	189
vC1, stage 1 conf vol							79	79		198	198	
vC2, stage 2 conf vol							213	199		82	85	
vCu, unblocked vol	190			74			292	278	68	279	283	189
tC, single (s)	4.1			4.1			7.1	6.5	6.2	7.1	6.5	6.2
tC, 2 stage (s)							6.1	5.5		6.1	5.5	
tF (s)	2.2			2.2			3.5	4.0	3.3	3.5	4.0	3.3
p0 queue free %	100			100			98	99	100	100	98	99
cM capacity (veh/h)	1384			1526			730	696	995	761	698	853
Direction, Lane #	EB 1	WB 1	NB 1	SB 1								
Volume Total	79	195	20	24								
Volume Left	5	4	15	3								
Volume Right	11	2	0	10								
cSH	1384	1526	722	763								
Volume to Capacity	0.00	0.00	0.03	0.03								
Queue Length 95th (ft)	0	0	2	2								
Control Delay (s)	0.6	0.2	10.1	9.9								
Lane LOS	Α	A	В	A								
Approach Delay (s)	0.6	0.2	10.1	9.9								
Approach LOS			В	Α								
Intersection Summary												
Average Delay			1.6									
Intersection Capacity Utiliza	ation		20.9%	10	U Level	of Service			Α			
Analysis Period (min)			15	- 10								

	•	-	•	•	←	•	4	†	1	-	↓	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBI
Lane Configurations		4			4			4			4	
Volume (veh/h)	6	52	11	0	152	2	34	1	0	2	2	1.
Sign Control		Free			Free			Stop			Stop	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.9
Hourly flow rate (vph)	7	57	12	0	165	2	37	1	0	2	2	1
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)												
Median type		TWLTL			None							
Median storage veh)		2										
Upstream signal (ft)												
pX, platoon unblocked												
vC, conflicting volume	167			68			258	243	62	242	248	16
vC1, stage 1 conf vol							76	76		166	166	
vC2, stage 2 conf vol							183	167		76	82	
vCu, unblocked vol	167			68			258	243	62	242	248	16
tC, single (s)	4.1			4.1			7.1	6.5	6.2	7.1	6.5	6.
tC, 2 stage (s)							6.1	5.5		6.1	5.5	
tF (s)	2.2			2.2			3.5	4.0	3.3	3.5	4.0	3.
p0 queue free %	100			100			95	100	100	100	100	9
cM capacity (veh/h)	1410			1533			762	719	1002	794	722	87
Direction, Lane #	EB 1	WB 1	NB 1	SB 1								
Volume Total	75	167	38	20								
Volume Left	7	0	37	2								
Volume Right	12	2	0	15								
cSH	1410	1533	761	848								
Volume to Capacity	0.00	0.00	0.05	0.02								
Queue Length 95th (ft)	0	0	4	2								
Control Delay (s)	0.7	0.0	10.0	9.3								
Lane LOS	Α		Α	Α								
Approach Delay (s)	0.7	0.0	10.0	9.3								
Approach LOS			Α	Α								
Intersection Summary												
Average Delay			2.0									
Intersection Capacity Utiliza	ation		23.8%	IC	U Level	of Service			Α			
Analysis Period (min)			15									

	-	•	•	•	•	1
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	1>			4	W	
Volume (veh/h)	54	25	10	114	32	10
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	59	27	11	124	35	11
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None			None		
Median storage veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume			86		218	72
vC1, stage 1 conf vol						•=
vC2, stage 2 conf vol						
vCu, unblocked vol			86		218	72
tC, single (s)			4.1		6.4	6.2
tC, 2 stage (s)						
tF (s)			2.2		3.5	3.3
p0 queue free %			99		95	99
cM capacity (veh/h)			1510		765	990
1 / 1					, , ,	000
Direction, Lane #	EB 1	WB 1	NB 1			
Volume Total	86	135	46			
Volume Left	0	11	35			
Volume Right	27	0	11			
cSH	1700	1510	809			
Volume to Capacity	0.05	0.01	0.06			
Queue Length 95th (ft)	0	1	4			
Control Delay (s)	0.0	0.6	9.7			
Lane LOS		Α	Α			
Approach Delay (s)	0.0	0.6	9.7			
Approach LOS			Α			
Intersection Summary						
Average Delay			2.0			
Intersection Capacity Utiliza	ation		23.2%	IC	U Level o	of Service
Analysis Period (min)			15			

Timing Plan: AM Peak

	-	_	~	•	•	4	
Movement	EBT	EBR	WBL	WBT	NWL	NWR	
Lane Configurations	î,			4	W		
Volume (veh/h)	121	55	39	178	84	25	
Sign Control	Free			Free	Stop		
Grade	0%			0%	0%		
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	
Hourly flow rate (vph)	132	60	42	193	91	27	
Pedestrians							
Lane Width (ft)							
Walking Speed (ft/s)							
Percent Blockage							
Right turn flare (veh)							
Median type	None			None			
Median storage veh)							
Upstream signal (ft)							
pX, platoon unblocked							
vC, conflicting volume			191		440	161	
vC1, stage 1 conf vol							
vC2, stage 2 conf vol							
vCu, unblocked vol			191		440	161	
tC, single (s)			4.1		6.4	6.2	
tC, 2 stage (s)							
tF (s)			2.2		3.5	3.3	
p0 queue free %			97		84	97	
cM capacity (veh/h)			1382		557	884	
Direction, Lane #	EB 1	WB 1	NW 1				
Volume Total	191	236	118				
Volume Left	191	236 42	91				
Volume Left Volume Right	60	42	27				
cSH	1700	1382	609				
Volume to Capacity	0.11	0.03	0.19				
Queue Length 95th (ft)	0.11	0.03	18				
Control Delay (s)	0.0	1.6	12.3				
Lane LOS	0.0	1.6 A	12.3 B				
Approach Delay (s)	0.0	1.6	12.3				
Approach LOS	0.0	1.0	12.3 B				
			ь				
Intersection Summary							
Average Delay			3.4				
Intersection Capacity Utiliza	ation		37.4%	IC	CU Level	of Service	
Analysis Period (min)			15				

	٠	→	•	•	←	•	4	†	1	-	↓	1
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		4			4			4			4	
Volume (veh/h)	4	27	13	12	77	13	4	25	4	10	54	6
Sign Control		Free			Free			Stop			Stop	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	4	29	14	13	84	14	4	27	4	11	59	7
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)												
Median type		None			None							
Median storage veh)												
Upstream signal (ft)												
pX, platoon unblocked												
vC, conflicting volume	98			43			198	169	36	180	169	91
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	98			43			198	169	36	180	169	91
tC, single (s)	4.1			4.1			7.1	6.5	6.2	7.1	6.5	6.2
tC, 2 stage (s)												
tF (s)	2.2			2.2			3.5	4.0	3.3	3.5	4.0	3.3
p0 queue free %	100			99			99	96	100	99	92	99
cM capacity (veh/h)	1495			1565			702	716	1036	750	716	967
Direction, Lane #	EB 1	WB 1	NB 1	SB 1								
Volume Total	48	111	36	76								
Volume Left	4	13	4	11								
Volume Right	14	14	4	7								
cSH	1495	1565	742	737								
Volume to Capacity	0.00	0.01	0.05	0.10								
Queue Length 95th (ft)	0.00	1	4	9								
Control Delay (s)	0.7	0.9	10.1	10.4								
Lane LOS	Ο.7	0.5 A	10.1 B	10.4 B								
Approach Delay (s)	0.7	0.9	10.1	10.4								
Approach LOS	0.1	0.5	В	В								
Intersection Summary												
Average Delay			4.8									
Intersection Capacity Utiliza	ation		19.8%	IC	CU Level of	Service			Α			
Analysis Period (min)			15									

	۶	→	•	•	—	4	1	†	<i>></i>	/	ţ	✓
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		4			4			4			4	
Volume (veh/h)	15	39	18	0	96	0	45	12	0	15	39	18
Sign Control		Free			Free			Stop			Stop	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	16	42	20	0	104	0	49	13	0	16	42	20
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)												
Median type		None			None							
Median storage veh)												
Upstream signal (ft)												
pX, platoon unblocked												
vC, conflicting volume	104			62			230	189	52	196	199	104
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	104			62			230	189	52	196	199	104
tC, single (s)	4.1			4.1			7.1	6.5	6.2	7.1	6.5	6.2
tC, 2 stage (s)												
tF (s)	2.2			2.2			3.5	4.0	3.3	3.5	4.0	3.3
p0 queue free %	99			100			93	98	100	98	94	98
cM capacity (veh/h)	1487			1541			671	698	1015	746	689	950
Direction, Lane #	EB 1	WB 1	NB 1	SB 1								
Volume Total	78	104	62	78								
Volume Left	16	0	49	16								
Volume Right	20	0	0	20								
cSH	1487	1541	677	753								
Volume to Capacity	0.01	0.00	0.09	0.10								
Queue Length 95th (ft)	1	0	8	9								
Control Delay (s)	1.6	0.0	10.9	10.3								
Lane LOS	Α		В	В								
Approach Delay (s)	1.6	0.0	10.9	10.3								
Approach LOS			В	В								

ICU Level of Service

5.0 26.7%

15

	•	-	•	•	←	•	4	†	~	>	ļ	1
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		4			4			4			4	
Volume (veh/h)	4	13	10	4	25	8	23	10	2	2	25	13
Sign Control		Free			Free			Stop			Stop	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	4	14	11	4	27	9	25	11	2	2	27	14
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)												
Median type		None			None							
Median storage veh)												
Upstream signal (ft)												
pX, platoon unblocked												
vC, conflicting volume	36			25			96	73	20	76	74	32
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	36			25			96	73	20	76	74	32
tC, single (s)	4.1			4.1			7.1	6.5	6.2	7.1	6.5	6.2
tC, 2 stage (s)												
tF (s)	2.2			2.2			3.5	4.0	3.3	3.5	4.0	3.3
p0 queue free %	100			100			97	99	100	100	97	99
cM capacity (veh/h)	1575			1589			849	813	1058	899	812	1042
Direction, Lane #	EB 1	WB 1	NB 1	SB 1								
Volume Total	29	40	38	43								
Volume Left	4	4	25	2								
Volume Right	11	9	2	14								
cSH	1575	1589	848	879								
Volume to Capacity	0.00	0.00	0.04	0.05								
Queue Length 95th (ft)	0	0	4	4								
Control Delay (s)	1.1	0.8	9.4	9.3								
Lane LOS	Α	Α	Α	Α								
Approach Delay (s)	1.1	0.8	9.4	9.3								
Approach LOS			Α	Α								
Intersection Summary												
Average Delay			5.5									
Intersection Capacity Utiliza	ition		18.6%	IC	U Level of	Service			Α			
Analysis Period (min)			15									

Intersection Summary
Average Delay
Intersection Capacity Utilization
Analysis Period (min)

Timing Plan: AM Peak

	٠	74	•	4	†	r ^a	Ļ	↓	1	•	1	*
Movement	EBL	EBR	EBR2	NBL	NBT	NBR	SBL	SBT	SBR	NWL2	NWL	NWR
Lane Configurations	W				4			4			W	
Volume (veh/h)	0	14	71	97	29	5	3	134	0	63	47	3
Sign Control	Stop				Free			Free			Stop	
Grade	0%				0%			0%			0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	0	15	77	105	32	5	3	146	0	68	51	3
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)												
Median type					None			None				
Median storage veh)												
Upstream signal (ft)												
pX, platoon unblocked												
vC, conflicting volume	426	400	146	146			37			482	397	34
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	426	400	146	146			37			482	397	34
tC, single (s)	7.1	6.5	6.2	4.1			4.1			7.1	6.5	6.2
tC, 2 stage (s)												
tF (s)	3.5	4.0	3.3	2.2			2.2			3.5	4.0	3.3
p0 queue free %	100	97	91	93			100			84	90	100
cM capacity (veh/h)	467	498	901	1436			1574			416	499	1039
Direction, Lane #	EB 1	NB 1	SB 1	NW 1								
Volume Total	92	142	149	123								
Volume Left	0	105	3	68								
Volume Right	77	5	0	3								
cSH	795	1436	1574	455								
Volume to Capacity	0.12	0.07	0.00	0.27								
Queue Length 95th (ft)	10	6	0	27								
Control Delay (s)	10.1	5.9	0.2	15.8								
Lane LOS	В	Α	Α	С								
Approach Delay (s)	10.1	5.9	0.2	15.8								
Approach LOS	В			С								
Intersection Summary												
Average Delay			7.4									
Intersection Capacity Utiliza	ation		39.3%	IC	CU Level o	f Service			Α			
Analysis Period (min)			15									
. , ,												

HCM Unsignalized Intersection Capacity Analysis 165: 1000 South & Locust Ave

	۶	*	4	†	.	4
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	W			4	1>	
Volume (veh/h)	49	15	36	63	84	173
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	53	16	39	68	91	188
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type				None	None	
Median storage veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	332	185	279			
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	332	185	279			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)						
tF (s)	3.5	3.3	2.2			
p0 queue free %	92	98	97			
cM capacity (veh/h)	643	857	1283			
Direction, Lane #	EB 1	NB 1	SB 1			
Volume Total	70	108	279			
Volume Left	53	39	0			
Volume Right	16	0	188			
cSH	683	1283	1700			
Volume to Capacity	0.10	0.03	0.16			
Queue Length 95th (ft)	8	2	0			
Control Delay (s)	10.9	3.0	0.0			
Lane LOS	В	Α				
Approach Delay (s)	10.9	3.0	0.0			
Approach LOS	В					
Intersection Summary						
Average Delay			2.4			
Intersection Capacity Utiliz	zation		34.0%	IC	CU Level of S	Service
Analysis Period (min)			15			
, ,						

HCM Unsignalized Intersection Capacity Analysis 166: Center Street & 300 East

Timing Plan: AM Peak

	٠	-	•	•	•	4	4	†	<i>></i>	>	ļ	1
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		4			4			4			4	
Sign Control		Stop			Stop			Stop			Stop	
Volume (vph)	11	63	68	34	208	5	50	82	5	3	421	92
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	12	68	74	37	226	5	54	89	5	3	458	100
Direction, Lane #	EB 1	WB 1	NB 1	SB 1								
Volume Total (vph)	154	268	149	561								
Volume Left (vph)	12	37	54	3								
Volume Right (vph)	74	5	5	100								
Hadj (s)	-0.24	0.05	0.09	-0.07								
Departure Headway (s)	6.4	6.4	6.5	5.5								
Degree Utilization, x	0.28	0.48	0.27	0.86								
Capacity (veh/h)	514	526	512	638								
Control Delay (s)	11.8	15.1	11.8	33.2								
Approach Delay (s)	11.8	15.1	11.8	33.2								
Approach LOS	В	С	В	D								
Intersection Summary												
Delay			23.2									
HCM Level of Service			С									
Intersection Capacity Utiliza	ation		66.1%	IC	U Level	of Service)		С			
Analysis Period (min)			15									

SR-89 5/14/2007 2008 Existing Conditions 6/12/2009 Synchro 7 - Report Page 29

HCM Signalized Intersection Capacity Analysis 9: SR-89 & 2000 West

9: SR-89 & 2000 V	V C S L										g Plan: P	W i Cai
	•	-	•	•	•	•	1	†		-	ţ	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBF
Lane Configurations	ň	ተተተ	7	ሻ	ተተተ	7	٦	ĵ,		ħ	↑	í
Volume (vph)	431	825	36	4	826	398	18	6	16	523	9	37
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0		6.0	6.0	6.0
Lane Util. Factor	1.00	0.91	1.00	1.00	0.91	1.00	1.00	1.00		1.00	1.00	1.00
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	0.89		1.00	1.00	0.8
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00
Satd. Flow (prot)	1770	5085	1583	1770	5085	1583	1770	1665		1770	1863	1583
Flt Permitted	0.14	1.00	1.00	0.31	1.00	1.00	0.75	1.00		0.74	1.00	1.00
Satd. Flow (perm)	266	5085	1583	569	5085	1583	1399	1665		1381	1863	1583
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	468	897	39	4	898	433	20	7	17	568	10	407
RTOR Reduction (vph)	0	0	16	0	0	354	0	10	0	0	0	231
Lane Group Flow (vph)	468	897	23	4	898	79	20	14	0	568	10	176
Turn Type	pm+pt		Perm	pm+pt		Perm	Perm			Perm		Pern
Protected Phases	7	4		3	8			2			6	
Permitted Phases	4		4	8		8	2			6		6
Actuated Green, G (s)	56.2	49.4	49.4	22.8	22.0	22.0	51.8	51.8		51.8	51.8	51.8
Effective Green, g (s)	56.2	49.4	49.4	22.8	22.0	22.0	51.8	51.8		51.8	51.8	51.8
Actuated g/C Ratio	0.47	0.41	0.41	0.19	0.18	0.18	0.43	0.43		0.43	0.43	0.43
Clearance Time (s)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0		6.0	6.0	6.0
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0		3.0	3.0	3.0
Lane Grp Cap (vph)	478	2093	652	116	932	290	604	719		596	804	683
v/s Ratio Prot	c0.23	0.18		0.00	0.18			0.01			0.01	
v/s Ratio Perm	c0.23		0.01	0.01		0.05	0.01			c0.41		0.1
v/c Ratio	0.98	0.43	0.03	0.03	0.96	0.27	0.03	0.02		0.95	0.01	0.26
Uniform Delay, d1	34.9	25.2	21.1	39.5	48.6	42.1	19.7	19.5		32.9	19.5	21.8
Progression Factor	1.00	1.00	1.00	0.55	0.70	1.12	1.00	1.00		1.00	1.00	1.00
Incremental Delay, d2	35.3	0.6	0.1	0.1	19.6	2.0	0.0	0.0		25.5	0.0	0.2
Delay (s)	70.2	25.9	21.2	21.7	53.5	49.3	19.7	19.6		58.5	19.5	22.0
Level of Service	E	С	С	С	D	D	В	В		E	В	(
Approach Delay (s)		40.5			52.1			19.6			43.0	
Approach LOS		D			D			В			D	
Intersection Summary												
HCM Average Control Dela			45.0	Н	CM Leve	of Service	е		D			
HCM Volume to Capacity r	atio		0.94									
Actuated Cycle Length (s)			120.0		um of los				12.0			
Intersection Capacity Utiliz	ation		90.5%	IC	CU Level	of Service	•		Е			
Analysis Period (min)			15									

	•	-	•	•	•	•	4	†	/	-	ļ	1
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBF
Lane Configurations	ሻ	ተተ _ጉ		٦	ተተ _ጉ		٦	ĵ»		*	ĵ»	
Volume (vph)	89	1315	156	56	1356	202	204	203	46	174	123	40
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	6.0	6.0		6.0	6.0		6.0	6.0		6.0	6.0	
Lane Util. Factor	1.00	0.91		1.00	0.91		1.00	1.00		1.00	1.00	
Frt	1.00	0.98		1.00	0.98		1.00	0.97		1.00	0.96	
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00		0.95	1.00	
Satd. Flow (prot)	1770	5004		1770	4986		1770	1811		1770	1795	
Flt Permitted	0.10	1.00		0.12	1.00		0.57	1.00		0.40	1.00	
Satd. Flow (perm)	193	5004		220	4986		1057	1811		752	1795	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	97	1429	170	61	1474	220	222	221	50	189	134	43
RTOR Reduction (vph)	0	12	0	0	16	0	0	7	0	0	10	0
Lane Group Flow (vph)	97	1587	0	61	1678	0	222	264	0	189	167	0
Turn Type	Perm			Perm			Perm			Perm		
Protected Phases		4			8			2			6	
Permitted Phases	4			8			2			6		
Actuated Green, G (s)	77.2	77.2		77.2	77.2		30.8	30.8		30.8	30.8	
Effective Green, g (s)	77.2	77.2		77.2	77.2		30.8	30.8		30.8	30.8	
Actuated g/C Ratio	0.64	0.64		0.64	0.64		0.26	0.26		0.26	0.26	
Clearance Time (s)	6.0	6.0		6.0	6.0		6.0	6.0		6.0	6.0	
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Lane Grp Cap (vph)	124	3219		142	3208		271	465		193	461	
v/s Ratio Prot		0.32			0.34			0.15			0.09	
v/s Ratio Perm	c0.50			0.28			0.21			c0.25		
v/c Ratio	0.78	0.49		0.43	0.52		0.82	0.57		0.98	0.36	
Uniform Delay, d1	15.4	11.2		10.5	11.5		42.0	38.8		44.3	36.6	
Progression Factor	1.20	1.21		0.59	0.25		1.01	1.01		1.00	1.00	
Incremental Delay, d2	33.6	0.5		7.8	0.5		17.3	1.6		58.1	0.5	
Delay (s)	52.1	14.0		14.0	3.3		59.5	40.7		102.3	37.0	
Level of Service	D	В		В	Α		Е	D		F	D	
Approach Delay (s)		16.2			3.7			49.2			70.8	
Approach LOS		В			Α			D			Е	
Intersection Summary												
HCM Average Control Dela	y		19.5	Н	CM Leve	of Service	е		В			
HCM Volume to Capacity ra			0.84									
Actuated Cycle Length (s)			120.0	S	um of los	t time (s)			12.0			
Intersection Capacity Utiliza	ition		78.7%	IC	U Level	of Service			D			
Analysis Period (min)			15									
c Critical Lane Group												

	۶	→	•	•	←	•	4	†	<i>></i>	-	ļ	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	ķ	^ ^		7	ተተኈ		14	ħβ		77	^	7
Volume (vph)	259	1153	84	176	1072	55	94	377	101	35	291	199
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	6.0	6.0		6.0	6.0		6.0	6.0		6.0	6.0	6.0
Lane Util. Factor	1.00	0.91		1.00	0.91		0.97	0.95		0.97	0.95	1.00
Frt	1.00	0.99		1.00	0.99		1.00	0.97		1.00	1.00	0.85
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00		0.95	1.00	1.00
Satd. Flow (prot)	1770	5034		1770	5048		3433	3427		3433	3539	1583
Flt Permitted	0.95	1.00		0.95	1.00		0.95	1.00		0.95	1.00	1.00
Satd. Flow (perm)	1770	5034		1770	5048		3433	3427		3433	3539	1583
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	282	1253	91	191	1165	60	102	410	110	38	316	216
RTOR Reduction (vph)	0	6	0	0	5	0	0	20	0	0	0	179
Lane Group Flow (vph)	282	1338	0	191	1220	0	102	500	0	38	316	37
Turn Type	Prot			Prot			Prot			Prot		Perm
Protected Phases	1	6		5	2		7	4		3	8	
Permitted Phases												8
Actuated Green, G (s)	30.0	51.2		17.4	38.6		6.9	25.0		2.4	20.5	20.5
Effective Green, g (s)	30.0	51.2		17.4	38.6		6.9	25.0		2.4	20.5	20.5
Actuated g/C Ratio	0.25	0.43		0.14	0.32		0.06	0.21		0.02	0.17	0.17
Clearance Time (s)	6.0	6.0		6.0	6.0		6.0	6.0		6.0	6.0	6.0
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	3.0
Lane Grp Cap (vph)	443	2148		257	1624		197	714		69	605	270
v/s Ratio Prot	0.16	c0.27		0.11	c0.24		c0.03	c0.15		0.01	0.09	
v/s Ratio Perm												0.02
v/c Ratio	0.64	0.62		0.74	0.75		0.52	0.70		0.55	0.52	0.14
Uniform Delay, d1	40.1	26.9		49.2	36.4		54.9	44.0		58.3	45.3	42.2
Progression Factor	0.64	0.54		1.06	0.76		1.00	1.00		1.00	1.00	1.00
Incremental Delay, d2	2.5	1.2		10.9	3.2		2.3	3.1		9.2	0.8	0.2
Delay (s)	28.3	15.8		63.0	31.0		57.2	47.1		67.4	46.1	42.5
Level of Service	С	В		Е	С		Е	D		Е	D	D
Approach Delay (s)		18.0			35.3			48.8			46.2	
Approach LOS		В			D			D			D	
Intersection Summary												
HCM Average Control Delay			32.1	Н	CM Level	of Service	е		С			
HCM Volume to Capacity ratio			0.68									
Actuated Cycle Length (s)			120.0	S	um of los	t time (s)			18.0			
Intersection Capacity Utilizatio	n		73.3%	10	CU Level	of Service	•		D			
Analysis Period (min)			15									
c Critical Lane Group												

HCM Signalized Intersection Capacity Analysis 14: 700 South & SR-89

	٠	→	•	•	—	•	4	†	/	-	Ţ	1
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	ħ	1>		Ĭ	1>		ň	ተተተ	7	7	ተተ _ጉ	
Volume (vph)	114	264	73	302	151	16	119	1355	279	19	959	64
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	6.0	6.0		6.0	6.0		6.0	6.0	6.0	6.0	6.0	
Lane Util. Factor	1.00	1.00		1.00	1.00		1.00	0.91	1.00	1.00	0.91	
Frt	1.00	0.97		1.00	0.99		1.00	1.00	0.85	1.00	0.99	
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00	1.00	0.95	1.00	
Satd. Flow (prot)	1770	1802		1770	1837		1770	5085	1583	1770	5037	
Flt Permitted	0.64	1.00		0.16	1.00		0.16	1.00	1.00	0.10	1.00	
Satd. Flow (perm)	1198	1802		290	1837		294	5085	1583	178	5037	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	124	287	79	328	164	17	129	1473	303	21	1042	70
RTOR Reduction (vph)	0	9	0	0	3	0	0	0	47	0	6	0
Lane Group Flow (vph)	124	357	0	328	178	0	129	1473	256	21	1106	0
Turn Type	pm+pt			pm+pt			pm+pt		Perm	Perm		
Protected Phases	7	4		3	8		5	2			6	
Permitted Phases	4			8			2		2	6		
Actuated Green, G (s)	33.2	27.2		53.2	41.2		54.8	54.8	54.8	41.8	41.8	
Effective Green, g (s)	33.2	27.2		53.2	41.2		54.8	54.8	54.8	41.8	41.8	
Actuated g/C Ratio	0.28	0.23		0.44	0.34		0.46	0.46	0.46	0.35	0.35	
Clearance Time (s)	6.0	6.0		6.0	6.0		6.0	6.0	6.0	6.0	6.0	
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0	3.0	3.0	3.0	
Lane Grp Cap (vph)	360	408		375	631		220	2322	723	62	1755	
v/s Ratio Prot	0.02	0.20		c0.15	0.10		0.03	c0.29			0.22	
v/s Ratio Perm	0.08			c0.24			0.23		0.16	0.12		
v/c Ratio	0.34	0.88		0.87	0.28		0.59	0.63	0.35	0.34	0.63	
Uniform Delay, d1	33.8	44.8		28.9	28.6		38.8	24.9	21.1	28.9	32.6	
Progression Factor	1.00	1.00		1.00	1.00		0.81	0.76	0.69	0.84	0.86	
Incremental Delay, d2	0.6	18.6		19.7	0.2		3.4	1.2	1.2	14.0	1.7	
Delay (s)	34.3	63.3		48.6	28.9		34.8	20.0	15.7	38.4	29.7	
Level of Service	С	Ε		D	С		С	С	В	D	С	
Approach Delay (s)		56.0			41.6			20.3			29.9	
Approach LOS		E			D			С			С	
Intersection Summary												
HCM Average Control Dela	ay		30.0	Н	CM Level	of Servi	ce		С			
HCM Volume to Capacity r	ratio		0.73									
Actuated Cycle Length (s)			120.0	S	um of los	t time (s)			12.0			
Intersection Capacity Utiliz	ation		84.6%	IC	U Level	of Service	9		Е			
Analysis Period (min)			15									
c Critical Lane Group												

40: 700 South & Ge	neva Road	

	۶	→	\rightarrow	•	←	•	4	†	/	-	↓	1
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	ň	1>		, N	^	7		^	7	, j	^	7
Volume (vph)	34	150	38	122	151	16	64	700	200	54	402	23
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.0		4.0	4.0	4.0		4.0	4.0	4.0	4.0	4.0
Lane Util. Factor	1.00	1.00		1.00	1.00	1.00		0.95	1.00	1.00	0.95	1.00
Frt	1.00	0.97		1.00	1.00	0.85		1.00	0.85	1.00	1.00	0.85
Flt Protected	0.95	1.00		0.95	1.00	1.00		1.00	1.00	0.95	1.00	1.00
Satd. Flow (prot)	1770	1807		1770	1863	1583		3524	1583	1770	3539	1583
Flt Permitted	0.65	1.00		0.63	1.00	1.00		0.89	1.00	0.32	1.00	1.00
Satd. Flow (perm)	1217	1807		1173	1863	1583		3155	1583	594	3539	1583
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	37	163	41	133	164	17	70	761	217	59	437	25
RTOR Reduction (vph)	0	21	0	0	0	13	0	0	101	0	0	12
Lane Group Flow (vph)	37	183	0	133	164	4	0	831	116	59	437	13
Turn Type	Perm			Perm		Perm	Perm		Perm	Perm		Perm
Protected Phases		4			8			2			6	
Permitted Phases	4			8		8	2		2	6		6
Actuated Green, G (s)	7.8	7.8		7.8	7.8	7.8		18.3	18.3	18.3	18.3	18.3
Effective Green, g (s)	7.8	7.8		7.8	7.8	7.8		18.3	18.3	18.3	18.3	18.3
Actuated g/C Ratio	0.23	0.23		0.23	0.23	0.23		0.54	0.54	0.54	0.54	0.54
Clearance Time (s)	4.0	4.0		4.0	4.0	4.0		4.0	4.0	4.0	4.0	4.0
Vehicle Extension (s)	3.0	3.0		3.0	3.0	3.0		3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	278	413		268	426	362		1693	850	319	1899	850
v/s Ratio Prot		0.10			0.09						0.12	
v/s Ratio Perm	0.03			c0.11		0.00		c0.26	0.07	0.10		0.01
v/c Ratio	0.13	0.44		0.50	0.38	0.01		0.49	0.14	0.18	0.23	0.02
Uniform Delay, d1	10.5	11.3		11.4	11.1	10.2		5.0	4.0	4.1	4.2	3.7
Progression Factor	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	0.2	0.8		1.4	0.6	0.0		0.2	0.1	0.3	0.1	0.0
Delay (s)	10.7	12.0		12.9	11.7	10.2		5.2	4.0	4.3	4.2	3.7
Level of Service	В	В		В	В	В		Α	Α	Α	Α	Α
Approach Delay (s)		11.8			12.1			5.0			4.2	
Approach LOS		В			В			Α			Α	
Intersection Summary												
HCM Average Control Delay	у		6.6	H	CM Level	of Service	е		Α			
HCM Volume to Capacity ra	atio		0.49									
Actuated Cycle Length (s)			34.1	Sı	um of los	t time (s)			8.0			
Intersection Capacity Utiliza	ation		62.6%	IC	U Level	of Service			В			
Analysis Period (min)			15									
c Critical Lane Group												

Lane Configurations	7	•	7	7	↑	7	ሻ	ተተተ	7	7	ተተተ	7
Volume (vph)	191	233	159	89	107	93	131	1661	62	81	1107	82
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00	0.91	1.00
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (prot)	1770	1863	1583	1770	1863	1583	1770	5085	1583	1770	5085	1583
Flt Permitted	0.66	1.00	1.00	0.34	1.00	1.00	0.21	1.00	1.00	0.10	1.00	1.00
Satd. Flow (perm)	1232	1863	1583	632	1863	1583	388	5085	1583	182	5085	1583
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	208	253	173	97	116	101	142	1805	67	88	1203	89
RTOR Reduction (vph)	0	0	91	0	0	28	0	0	9	0	0	23
Lane Group Flow (vph)	208	253	82	97	116	73	142	1805	58	88	1203	66
Turn Type	Perm		Perm	Perm		Perm	Perm		Perm	Perm		Perm
Protected Phases		4			8			2			6	
Permitted Phases	4		4	8		8	2		2	6		6
Actuated Green, G (s)	22.7	22.7	22.7	22.7	22.7	22.7	85.3	85.3	85.3	85.3	85.3	85.3
Effective Green, g (s)	22.7	22.7	22.7	22.7	22.7	22.7	85.3	85.3	85.3	85.3	85.3	85.3
Actuated g/C Ratio	0.19	0.19	0.19	0.19	0.19	0.19	0.71	0.71	0.71	0.71	0.71	0.71
Clearance Time (s)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	233	352	299	120	352	299	276	3615	1125	129	3615	1125
v/s Ratio Prot		0.14			0.06			0.35			0.24	
v/s Ratio Perm	c0.17		0.05	0.15		0.05	0.37		0.04	c0.48		0.04
v/c Ratio	0.89	0.72	0.27	0.81	0.33	0.25	0.51	0.50	0.05	0.68	0.33	0.06
Uniform Delay, d1	47.5	45.7	41.6	46.6	42.1	41.4	7.9	7.8	5.2	9.7	6.6	5.2
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.33	0.28	0.31
Incremental Delay, d2	31.9	6.9	0.5	31.5	0.6	0.4	6.7	0.5	0.1	19.0	0.2	0.1
Delay (s)	79.4	52.5	42.1	78.1	42.6	41.8	14.6	8.3	5.3	32.0	2.0	1.7
Level of Service	E	D	D	Е	D	D	В	Α	Α	С	Α	Α
Approach Delay (s)		58.5			53.3			8.6			3.9	
Approach LOS		E			D			Α			Α	
Intersection Summary												
HCM Average Control Dela	ay		17.6	H	CM Level	of Service	е		В			
HCM Volume to Capacity r	atio		0.72									
Actuated Cycle Length (s)			120.0	Sı	um of los	t time (s)			12.0			
Intersection Capacity Utiliz	ation		73.8%	IC	U Level	of Service)		D			
Analysis Period (min)			15									
c Critical Lane Group												

SR-89 5/14/2007 2008 Existing Conditions Synchro 7 - Report Page 6 6/15/2009 Page 7

: 200 South & 100	East						Timing	J Pla
	*	 	_	4	_	_	 <u> </u>	

		-	*	₹	-	`	7	ı		*	*	•
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	ሻ	1>		7	↑	7	7	1>		- ሻ	₽	
Volume (vph)	50	150	25	25	200	25	50	400	50	50	200	50
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	6.0	6.0		6.0	6.0	6.0	6.0	6.0		6.0	6.0	
Lane Util. Factor	1.00	1.00		1.00	1.00	1.00	1.00	1.00		1.00	1.00	
Frt	1.00	0.98		1.00	1.00	0.85	1.00	0.98		1.00	0.97	
Flt Protected	0.95	1.00		0.95	1.00	1.00	0.95	1.00		0.95	1.00	
Satd. Flow (prot)	1770	1823		1770	1863	1583	1770	1832		1770	1807	
Flt Permitted	0.43	1.00		0.50	1.00	1.00	0.59	1.00		0.45	1.00	
Satd. Flow (perm)	802	1823		930	1863	1583	1104	1832		841	1807	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	54	163	27	27	217	27	54	435	54	54	217	54
RTOR Reduction (vph)	0	9	0	0	0	22	0	2	0	0	5	0
Lane Group Flow (vph)	54	181	0	27	217	5	54	487	0	54	266	0
Turn Type	Perm			Perm		Perm	Perm			Perm		
Protected Phases		4			8			2			6	
Permitted Phases	4			8		8	2			6		
Actuated Green, G (s)	17.3	17.3		17.3	17.3	17.3	70.7	70.7		70.7	70.7	
Effective Green, g (s)	17.3	17.3		17.3	17.3	17.3	70.7	70.7		70.7	70.7	
Actuated g/C Ratio	0.17	0.17		0.17	0.17	0.17	0.71	0.71		0.71	0.71	
Clearance Time (s)	6.0	6.0		6.0	6.0	6.0	6.0	6.0		6.0	6.0	
Vehicle Extension (s)	3.0	3.0		3.0	3.0	3.0	3.0	3.0		3.0	3.0	
Lane Grp Cap (vph)	139	315		161	322	274	781	1295		595	1278	
v/s Ratio Prot		0.10			c0.12			c0.27			0.15	
v/s Ratio Perm	0.07			0.03		0.00	0.05			0.06		
v/c Ratio	0.39	0.57		0.17	0.67	0.02	0.07	0.38		0.09	0.21	
Uniform Delay, d1	36.7	38.0		35.2	38.7	34.3	4.5	5.8		4.6	5.0	
Progression Factor	1.00	1.00		1.00	1.00	1.00	1.00	1.00		0.13	0.08	
Incremental Delay, d2	1.8	2.5		0.5	5.5	0.0	0.2	0.8		0.2	0.3	
Delay (s)	38.5	40.5		35.7	44.2	34.3	4.7	6.7		0.8	0.7	
Level of Service	D	D		D	D	С	Α	Α		Α	Α	
Approach Delay (s)		40.0			42.4			6.5			0.7	
Approach LOS		D			D			Α			Α	
Intersection Summary												
HCM Average Control Delay			18.1	Н	CM Leve	I of Service	е		В			
HCM Volume to Capacity ratio	0		0.43									
Actuated Cycle Length (s)			100.0	S	um of los	t time (s)			12.0			
Intersection Capacity Utilization	on		67.1%	IC	U Level	of Service)		С			
Analysis Period (min)			15									
c Critical Lane Group												

	•	\mathbf{x}	1	F	×	₹	ን	×	~	Ĺ	×	*
Movement	SEL	SET	SER	NWL	NWT	NWR	NEL	NET	NER	SWL	SWT	SWR
Lane Configurations	1,44	^	7	1/4	^	7	14.54	ተ β		44	ħβ	
Volume (vph)	55	84	15	418	46	42	40	825	205	46	633	13
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.0	6.0	6.0	5.0	6.0	6.0	5.0	6.0		5.0	6.0	
Lane Util. Factor	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.95		0.97	0.95	
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	0.97		1.00	1.00	
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00		0.95	1.00	
Satd. Flow (prot)	3433	3539	1583	3433	3539	1583	3433	3434		3433	3529	
Flt Permitted	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00		0.95	1.00	
Satd. Flow (perm)	3433	3539	1583	3433	3539	1583	3433	3434		3433	3529	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	60	91	16	454	50	46	43	897	223	50	688	14
RTOR Reduction (vph)	0	0	15	0	0	36	0	15	0	0	1	0
Lane Group Flow (vph)	60	91	1	454	50	10	43	1105	0	50	701	0
Turn Type	Prot		Perm	Prot		Perm	Prot			Prot		
Protected Phases	1	6		5	2		7	4		3	8	
Permitted Phases			6			2						
Actuated Green, G (s)	5.6	6.2	6.2	18.9	19.5	19.5	3.9	41.3		5.3	42.7	
Effective Green, g (s)	5.6	6.2	6.2	18.9	19.5	19.5	3.9	41.3		5.3	42.7	
Actuated g/C Ratio	0.06	0.07	0.07	0.20	0.21	0.21	0.04	0.44		0.06	0.46	
Clearance Time (s)	5.0	6.0	6.0	5.0	6.0	6.0	5.0	6.0		5.0	6.0	
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0		3.0	3.0	
Lane Grp Cap (vph)	205	234	105	692	737	329	143	1514		194	1608	
v/s Ratio Prot	0.02	c0.03		c0.13	0.01		0.01	c0.32		c0.01	0.20	
v/s Ratio Perm			0.00			0.01						
v/c Ratio	0.29	0.39	0.01	0.66	0.07	0.03	0.30	0.73		0.26	0.44	
Uniform Delay, d1	42.2	41.9	40.9	34.4	29.8	29.6	43.6	21.6		42.3	17.3	
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		1.00	1.00	
Incremental Delay, d2	0.8	1.1	0.0	2.2	0.0	0.0	1.2	1.8		0.7	0.2	
Delay (s)	43.0	43.0	40.9	36.7	29.8	29.6	44.8	23.4		43.0	17.5	
Level of Service	D	D	D	D	С	С	D	С		D	В	
Approach Delay (s)		42.8			35.4			24.2			19.2	
Approach LOS		D			D			С			В	
Intersection Summary												
HCM Average Control Delay	,		26.3	Н	CM Leve	of Service	е		С			
HCM Volume to Capacity ra	tio		0.65									
Actuated Cycle Length (s)			93.7	S	um of los	t time (s)			22.0			
Intersection Capacity Utilizat	tion		57.9%	IC	U Level	of Service	;		В			
Analysis Period (min)			15									
c Critical Lane Group												

	ሻ	ř	P	•	\mathbf{x}	\	€	×	₹	Ĺ	€	*
Movement	NBL	NBR	NBR2	SEL	SET	SER	NWL	NWT	NWR	SWL2	SWL	SWR
Lane Configurations		77	7	ሻ	ર્ન	7				44	ሻ	
Volume (vph)	0	686	145	677	3	56	0	0	0	595	91	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		6.0	6.0	6.0	6.0	6.0				6.0	6.0	
Lane Util. Factor		0.88	1.00	0.95	0.95	1.00				0.97	1.00	
Frt		0.85	0.85	1.00	1.00	0.85				1.00	1.00	
Flt Protected		1.00	1.00	0.95	0.95	1.00				0.95	0.95	
Satd. Flow (prot)		2787	1583	1681	1686	1583				3433	1770	
Flt Permitted		1.00	1.00	0.95	0.95	1.00				0.95	0.95	
Satd. Flow (perm)		2787	1583	1681	1686	1583				3433	1770	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	0	746	158	736	3	61	0	0	0	647	99	0
RTOR Reduction (vph)	0	0	112	0	0	45	0	0	0	0	0	0
Lane Group Flow (vph)	0	746	46	368	371	16	0	0	0	647	99	0
Turn Type		custom	custom	Perm		Perm				Prot		
Protected Phases		4			6					3	8	
Permitted Phases			4	6		6						
Actuated Green, G (s)		21.4	21.4	18.8	18.8	18.8				15.0	42.4	
Effective Green, g (s)		21.4	21.4	18.8	18.8	18.8				15.0	42.4	
Actuated g/C Ratio		0.29	0.29	0.26	0.26	0.26				0.20	0.58	
Clearance Time (s)		6.0	6.0	6.0	6.0	6.0				6.0	6.0	
Vehicle Extension (s)		3.0	3.0	3.0	3.0	3.0				3.0	3.0	
Lane Grp Cap (vph)		815	463	432	433	407				703	1025	
v/s Ratio Prot		c0.27								c0.19	0.06	
v/s Ratio Perm			0.03	0.22	0.22	0.01						
v/c Ratio		0.92	0.10	0.85	0.86	0.04				0.92	0.10	
Uniform Delay, d1		25.0	18.9	25.9	25.9	20.4				28.5	6.9	
Progression Factor		1.00	1.00	1.00	1.00	1.00				1.00	1.00	
Incremental Delay, d2		14.7	0.1	14.9	15.3	0.0				17.4	0.0	
Delay (s)		39.8	19.0	40.8	41.2	20.5				45.9	6.9	
Level of Service		D	В	D	D	С				D	Α	
Approach Delay (s)	36.1				39.4			0.0			40.7	
Approach LOS	D				D			Α			D	
Intersection Summary												
HCM Average Control Delay			38.6	Н	CM Leve	of Service	•		D			
HCM Volume to Capacity ratio)		0.90									
Actuated Cycle Length (s)			73.2	Sı	um of los	t time (s)			18.0			
Intersection Capacity Utilization	on		52.8%	IC	U Level	of Service			Α			
Analysis Period (min)			15									
c Critical Lane Group												

	ⅎ	×	Ì	~	×	₹	ን	×	~	Ĺ	×	*
Movement	SEL	SET	SER	NWL	NWT	NWR	NEL	NET	NER	SWL	SWT	SWR
Lane Configurations					र्स	7	ሻ	44			^	7
Volume (vph)	0	0	0	48	6	727	77	729	0	0	561	655
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)					6.0	6.0	6.0	6.0			6.0	6.0
Lane Util. Factor					1.00	1.00	1.00	0.95			0.95	1.00
Frt					1.00	0.85	1.00	1.00			1.00	0.85
Flt Protected					0.96	1.00	0.95	1.00			1.00	1.00
Satd. Flow (prot)					1784	1583	1770	3539			3539	1583
Flt Permitted					0.96	1.00	0.33	1.00			1.00	1.00
Satd. Flow (perm)					1784	1583	620	3539			3539	1583
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	0	0	0	52	7	790	84	792	0	0	610	712
RTOR Reduction (vph)	0	0	0	0	0	9	0	0	0	0	0	521
Lane Group Flow (vph)	0	0	0	0	59	781	84	792	0	0	610	191
Turn Type				Perm		Perm	Perm					Perm
Protected Phases					2			4			8	
Permitted Phases				2		2	4					8
Actuated Green, G (s)					30.7	30.7	15.6	15.6			15.6	15.6
Effective Green, g (s)					30.7	30.7	15.6	15.6			15.6	15.6
Actuated g/C Ratio					0.53	0.53	0.27	0.27			0.27	0.27
Clearance Time (s)					6.0	6.0	6.0	6.0			6.0	6.0
Vehicle Extension (s)					3.0	3.0	3.0	3.0			3.0	3.0
Lane Grp Cap (vph)					939	834	166	947			947	424
v/s Ratio Prot								c0.22			0.17	
v/s Ratio Perm					0.03	c0.49	0.14					0.12
v/c Ratio					0.06	0.94	0.51	0.84			0.64	0.45
Uniform Delay, d1					6.8	12.9	18.1	20.1			18.9	17.8
Progression Factor					1.00	1.00	1.00	1.00			1.00	1.00
Incremental Delay, d2					0.0	17.5	2.4	6.5			1.5	0.8
Delay (s)					6.8	30.4	20.5	26.6			20.4	18.5
Level of Service					Α	С	С	С			С	В
Approach Delay (s)		0.0			28.8			26.1			19.4	
Approach LOS		Α			С			С			В	
Intersection Summary												
HCM Average Control Delay			23.9	Н	CM Leve	of Service	се		С			
HCM Volume to Capacity ratio			0.90									
Actuated Cycle Length (s)			58.3	S	um of los	t time (s)			12.0			
Intersection Capacity Utilization	ı		75.2%	IC	U Level	of Service	9		D			
Analysis Period (min)			15									
c Critical Lane Group												

	۶	→	\rightarrow	•	←	•	4	†	/	-	ļ	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	7	î»		ň	1>		J.	ĵ»		7	î»	
Volume (vph)	90	160	100	26	83	25	79	611	32	47	385	30
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	6.0	6.0		6.0	6.0		6.0	6.0		6.0	6.0	
Lane Util. Factor	1.00	1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Frt	1.00	0.94		1.00	0.97		1.00	0.99		1.00	0.99	
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00		0.95	1.00	
Satd. Flow (prot)	1770	1755		1770	1798		1770	1849		1770	1842	
Flt Permitted	0.68	1.00		0.56	1.00		0.47	1.00		0.26	1.00	
Satd. Flow (perm)	1270	1755		1045	1798		882	1849		483	1842	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	98	174	109	28	90	27	86	664	35	51	418	33
RTOR Reduction (vph)	0	38	0	0	18	0	0	4	0	0	6	0
Lane Group Flow (vph)	98	245	0	28	99	0	86	695	0	51	445	0
Turn Type	Perm			Perm			Perm			Perm		
Protected Phases		4			8			2			6	
Permitted Phases	4			8			2			6		
Actuated Green, G (s)	9.8	9.8		9.8	9.8		22.4	22.4		22.4	22.4	
Effective Green, g (s)	9.8	9.8		9.8	9.8		22.4	22.4		22.4	22.4	
Actuated g/C Ratio	0.22	0.22		0.22	0.22		0.51	0.51		0.51	0.51	
Clearance Time (s)	6.0	6.0		6.0	6.0		6.0	6.0		6.0	6.0	
Vehicle Extension (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lane Grp Cap (vph)	282	389		232	399		447	937		245	934	
v/s Ratio Prot		c0.14			0.06			c0.38			0.24	
v/s Ratio Perm	0.08			0.03			0.10			0.11		
v/c Ratio	0.35	0.63		0.12	0.25		0.19	0.74		0.21	0.48	
Uniform Delay, d1	14.5	15.6		13.8	14.2		6.0	8.6		6.0	7.1	
Progression Factor	1.00	1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Incremental Delay, d2	0.3	2.3		0.1	0.1		0.1	2.8		0.2	0.1	
Delay (s)	14.8	17.9		13.8	14.3		6.0	11.4		6.2	7.2	
Level of Service	В	В		В	В		Α	В		Α	Α	
Approach Delay (s)		17.1			14.2			10.8			7.1	
Approach LOS		В			В			В			Α	
Intersection Summary												
HCM Average Control Delay			11.4	Н	CM Level	of Service	е		В			
HCM Volume to Capacity rati	0		0.71									
Actuated Cycle Length (s)			44.2	S	um of los	t time (s)			12.0			
Intersection Capacity Utilizati	on		83.2%	IC	U Level	of Service)		Е			
Analysis Period (min)			15									
c Critical Lane Group												

141. Center Street	CC 100 L	- 431									9	· • • • • •
	٠	→	•	•	←	•	•	†	~	/	↓	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	ሻ	^	7	7	1,		7	fa fa		7	î,	
Volume (vph)	174	244	41	12	180	14	50	716	12	38	375	109
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.0	6.0	6.0	5.0	6.0		5.0	6.0		5.0	6.0	
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00		1.00	1.00		1.00	1.00	
Frt	1.00	1.00	0.85	1.00	0.99		1.00	1.00		1.00	0.97	
Flt Protected	0.95	1.00	1.00	0.95	1.00		0.95	1.00		0.95	1.00	
Satd. Flow (prot)	1770	1863	1583	1770	1843		1770	1858		1770	1800	
Flt Permitted	0.37	1.00	1.00	0.60	1.00		0.22	1.00		0.10	1.00	
Satd. Flow (perm)	684	1863	1583	1110	1843		414	1858		194	1800	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	189	265	45	13	196	15	54	778	13	41	408	118
RTOR Reduction (vph)	0	0	31	0	2	0	0	1	0	0	8	0
Lane Group Flow (vph)	189	265	14	13	209	0	54	790	0	41	518	0
Turn Type	pm+pt		Perm	pm+pt			pm+pt			pm+pt		
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases	4		4	8			2			6		
Actuated Green, G (s)	38.6	32.2	32.2	20.1	18.7		46.0	40.0		42.8	38.4	
Effective Green, g (s)	38.6	32.2	32.2	20.1	18.7		46.0	40.0		42.8	38.4	
Actuated g/C Ratio	0.39	0.32	0.32	0.20	0.19		0.46	0.40		0.43	0.38	
Clearance Time (s)	5.0	6.0	6.0	5.0	6.0		5.0	6.0		5.0	6.0	
Vehicle Extension (s)	3.0	1.0	1.0	3.0	1.0		3.0	3.0		3.0	3.0	
Lane Grp Cap (vph)	426	600	510	232	345		272	743		152	691	
v/s Ratio Prot	c0.07	0.14		0.00	c0.11		c0.01	c0.43		0.01	0.29	
v/s Ratio Perm	0.11		0.01	0.01			0.08			0.10		
v/c Ratio	0.44	0.44	0.03	0.06	0.60		0.20	1.06		0.27	0.75	
Uniform Delay, d1	21.7	26.8	23.2	32.2	37.3		17.4	30.0		22.8	26.6	
Progression Factor	1.00	1.00	1.00	1.00	1.00		0.90	0.88		1.00	1.00	
Incremental Delay, d2	0.7	0.2	0.0	0.1	2.0		0.4	51.1		1.0	7.3	
Delay (s)	22.4	27.0	23.2	32.3	39.3		16.0	77.5		23.8	34.0	
Level of Service	С	С	С	С	D		В	Е		С	С	
Approach Delay (s)		24.9			38.9			73.6			33.2	
Approach LOS		С			D			Е			С	
Intersection Summary												
HCM Average Control Dela			47.8	Н	CM Level	of Servi	се		D			
HCM Volume to Capacity	ratio		0.74									
Actuated Cycle Length (s)			100.0		um of los	. ,			16.0			
Intersection Capacity Utiliz	ation		75.7%	IC	CU Level	of Service	9		D			
Analysis Period (min)			15									
c Critical Lane Group												

	۶	→	•	•	>	4				
Movement	EBL	EBT	WBT	WBR	SBL	SBR				
Lane Configurations	ሻ	ተተተ	^	7	W					
Volume (veh/h)	55	700	666	360	253	46				
Sign Control		Free	Free		Stop					
Grade		0%	0%		0%					
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92				
Hourly flow rate (vph)	60	761	724	391	275	50				
Pedestrians										
Lane Width (ft)										
Walking Speed (ft/s)										
Percent Blockage										
Right turn flare (veh)										
Median type		None	TWLTL							
Median storage veh)			2							
Upstream signal (ft)		629	1179							
pX, platoon unblocked	0.86				0.88	0.86				
vC, conflicting volume	1115				1097	362				
vC1, stage 1 conf vol					724					
vC2, stage 2 conf vol					373					
vCu, unblocked vol	809				589	0				
tC, single (s)	4.1				6.8	6.9				
tC, 2 stage (s)					5.8					
tF (s)	2.2				3.5	3.3				
p0 queue free %	91				48	95				
cM capacity (veh/h)	699				524	933				
Direction, Lane #	EB 1	EB 2	EB 3	EB 4	WB 1	WB 2	WB 3	SB 1		
Volume Total	60	254	254	254	362	362	391	325		
Volume Left	60	0	0	0	0	0	0	275		
Volume Right	0	0	0	0	0	0	391	50		
cSH	699	1700	1700	1700	1700	1700	1700	562		
Volume to Capacity	0.09	0.15	0.15	0.15	0.21	0.21	0.23	0.58		
Queue Length 95th (ft)	7	0	0	0	0	0	0	92		
Control Delay (s)	10.6	0.0	0.0	0.0	0.0	0.0	0.0	19.8		
Lane LOS	В							С		
Approach Delay (s)	0.8				0.0			19.8		
Approach LOS								С		
Intersection Summary										
Average Delay			3.1							
Intersection Capacity Utilizat	ion		48.6%	IC	U Level	of Service			Α	
Analysis Period (min)			15							

HCM Unsignalized Intersection Capacity Analysis 42: 500 North & 100 East

	•	•	†	<i>></i>	-	ļ	
Movement	WBL	WBR	NBT	NBR	SBL	SBT	
Lane Configurations	W		^	7	7	^	
Volume (veh/h)	27	45	761	63	41	621	
Sign Control	Stop		Free			Free	
Grade	0%		0%			0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	
Hourly flow rate (vph)	29	49	827	68	45	675	
Pedestrians							
Lane Width (ft)							
Walking Speed (ft/s)							
Percent Blockage							
Right turn flare (veh)							
Median type			None			TWLTL	
Median storage veh)			,,,,,,			2	
Upstream signal (ft)							
pX, platoon unblocked							
vC, conflicting volume	1591	827			896		
vC1, stage 1 conf vol	827	OZI			000		
vC2, stage 2 conf vol	764						
vCu, unblocked vol	1591	827			896		
tC, single (s)	6.4	6.2			4.1		
tC, 2 stage (s)	5.4	0.2			7.1		
tF (s)	3.5	3.3			2.2		
p0 gueue free %	91	87			94		
cM capacity (veh/h)	317	371			758		
. , , ,							
Direction, Lane #	WB 1	NB 1	NB 2	SB 1	SB 2		
Volume Total	78	827	68	45	675		
Volume Left	29	0	0	45	0		
Volume Right	49	0	68	0	0		
cSH	349	1700	1700	758	1700		
Volume to Capacity	0.22	0.49	0.04	0.06	0.40		
Queue Length 95th (ft)	21	0	0	5	0		
Control Delay (s)	18.3	0.0	0.0	10.0	0.0		
Lane LOS	С			В			
Approach Delay (s)	18.3	0.0		0.6			
Approach LOS	С						
Intersection Summary							
Average Delay			1.1				
Intersection Capacity Utiliza	ation		51.0%	IC	U Level	of Service	Α
Analysis Period (min)			15				

HCM Unsignalized Intersection Capacity Analysis 48: 1100 North & 1300 West

	•	→	•	•	—	•	<u> </u>	†	~	>		✓
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	N.	î»		7	î»			4			4	
Volume (veh/h)	23	249	56	27	194	20	41	219	66	16	105	14
Sign Control		Free			Free			Stop			Stop	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	25	271	61	29	211	22	45	238	72	17	114	15
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)												
Median type		TWLTL			TWLTL							
Median storage veh)		2			2							
Upstream signal (ft)												
pX, platoon unblocked												
vC, conflicting volume	233			332			693	642	301	792	662	222
vC1, stage 1 conf vol							351	351		280	280	
vC2, stage 2 conf vol							342	291		511	382	
vCu, unblocked vol	233			332			693	642	301	792	662	222
tC, single (s)	4.1			4.1			7.1	6.5	6.2	7.1	6.5	6.2
tC, 2 stage (s)							6.1	5.5		6.1	5.5	
tF (s)	2.2			2.2			3.5	4.0	3.3	3.5	4.0	3.3
p0 queue free %	98			98			90	55	90	93	78	98
cM capacity (veh/h)	1335			1228			455	529	739	260	514	818
Direction, Lane #	EB 1	EB 2	WB 1	WB 2	NB 1	SB 1						
Volume Total	25	332	29	233	354	147						
Volume Left	25	0	29	0	45	17						
Volume Right	0	61	0	22	72	15						
cSH	1335	1700	1228	1700	549	477						
Volume to Capacity	0.02	0.20	0.02	0.14	0.64	0.31						
Queue Length 95th (ft)	1	0	2	0	115	32						
Control Delay (s)	7.7	0.0	8.0	0.0	22.7	15.9						
Lane LOS	Α		Α		С	С						
Approach Delay (s)	0.5		0.9		22.7	15.9						
Approach LOS					С	С						
Intersection Summary												
Average Delay			9.6									
Intersection Capacity Utiliz	ation		53.2%	10	CU Level	of Service			Α			
Analysis Period (min)			15									

Timing Plan: PM Peak

SR-89 5/14/2007 2008 Existing Conditions Synchro 7 - Report 6/12/2009 Page 4

HCM Unsignalized Intersection Capacity Analysis 72: Center Steet & Main Street

	٠	→	•	•	←	•	4	†	<i>></i>	\	ļ	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		ર્ની	7	7	1>			4			4	
Sign Control		Stop			Stop			Stop			Stop	
Volume (vph)	9	365	164	76	278	5	273	18	75	6	27	8
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	10	397	178	83	302	5	297	20	82	7	29	9
Direction, Lane #	EB 1	EB 2	WB 1	WB 2	NB 1	SB 1						
Volume Total (vph)	407	178	83	308	398	45						
Volume Left (vph)	10	0	83	0	297	7						
Volume Right (vph)	0	178	0	5	82	9						
Hadj (s)	0.05	-0.67	0.53	0.02	0.06	-0.05						
Departure Headway (s)	6.9	6.2	7.7	7.2	6.6	7.8						
Degree Utilization, x	0.78	0.31	0.18	0.61	0.73	0.10						
Capacity (veh/h)	506	561	447	477	525	385						
Control Delay (s)	29.5	10.7	11.1	19.6	25.4	11.6						
Approach Delay (s)	23.8		17.8		25.4	11.6						
Approach LOS	С		С		D	В						
Intersection Summary												
Delay			22.2									
HCM Level of Service			С									
Intersection Capacity Utilizat	ion		72.0%	IC	U Level	of Service			С			
Analysis Period (min)			15									

HCM Unsignalized Intersection Capacity Analysis

74: 200 South & Man Street

۶	-	•	•	←	•	4	†	<i>></i>	\	ļ	1
EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
	ર્ન	7	Ţ	ĵ.		Ţ	î»			4	
	Stop			Stop			Stop			Stop	
16	178	143	59	121	18	53	283	53	17	237	12
0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
17	193	155	64	132	20	58	308	58	18	258	13
EB 1	EB 2	WB 1	WB 2	NB 1	NB 2	SB 1					
211	155	64	151	58	365	289					
17	0	64	0	58	0	18					
0	155	0	20	0	58	13					
0.08	-0.67	0.53	-0.06	0.53	-0.08	0.02					
7.5	6.7	8.2	7.6	7.6	6.9	7.2					
0.44	0.29	0.15	0.32	0.12	0.70	0.58					
453	500	399	422	456	499	470					
15.0	11.2	11.4	13.0	10.4	23.5	19.5					
13.4		12.5		21.7		19.5					
В		В		С		С					
		17.3									
		С									
ion		55.0%	IC	U Level	of Service			Α			
		15									
	16 0.92 17 EB 1 211 17 0 0.08 7.5 0.44 453 15.0 13.4 B	Stop 16 178 0.92 0.92 17 193 EB1 EB2 211 155 17 0 0 155 0.08 -0.67 7.5 6.7 0.44 0.29 453 500 15.0 11.2 13.4 B	Stop 16 178 143 0.92 0.92 0.92 17 193 155 EB1 EB2 WB1 211 155 64 17 0 64 0 155 0 0.08 -0.67 0.53 7.5 6.7 8.2 0.44 0.29 0.15 453 500 399 15.0 11.2 11.4 13.4 12.5 B B B 17.3 C c tion 555.0%	Stop	Stop Stop Stop Stop 121	Stop Stop Stop Stop 121 18	Stop Stop Stop 121 18 53	Stop Stop	Stop Stop Stop Stop Stop	Stop Stop	Stop Stop

Timing Plan: PM Peak

SR-89 5/14/2007 2008 Existing Conditions Synchro 7 - Report 6/12/2009 Page 6

HCM Unsignalized Intersection Capacity Analysis 79: Pleasant Grove Blvd. & 220 South

Timing Plan: PM Peak

	→	•	•	—	•	<i>></i>	
Movement	EBT	EBR	WBL	WBT	NBL	NBR	
Lane Configurations	†	7	ሻ	^	ሻ	7	
Volume (veh/h)	566	39	33	495	67	47	
Sign Control	Free			Free	Stop		
Grade	0%			0%	0%		
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	
Hourly flow rate (vph)	615	42	36	538	73	51	
Pedestrians							
Lane Width (ft)							
Walking Speed (ft/s)							
Percent Blockage							
Right turn flare (veh)						6	
Median type	None			None			
Median storage veh)							
Upstream signal (ft)							
pX, platoon unblocked							
vC, conflicting volume			658		1225	615	
vC1, stage 1 conf vol							
vC2, stage 2 conf vol							
vCu, unblocked vol			658		1225	615	
tC, single (s)			4.1		6.4	6.2	
tC, 2 stage (s)							
tF (s)			2.2		3.5	3.3	
p0 queue free %			96		62	90	
cM capacity (veh/h)			930		190	491	
Direction, Lane #	EB 1	EB 2	WB 1	WB 2	NB 1		
Volume Total	615	42	36	538	124		
Volume Left	0	0	36	0	73		
Volume Right	0	42	0	0	51		
cSH	1700	1700	930	1700	323		
Volume to Capacity	0.36	0.02	0.04	0.32	0.38		
Queue Length 95th (ft)	0	0	3	0	44		
Control Delay (s)	0.0	0.0	9.0	0.0	26.2		
Lane LOS			A		D		
Approach Delay (s)	0.0		0.6		26.2		
Approach LOS					D		
Intersection Summary							
Average Delay			2.6				
Intersection Capacity Utiliza	tion		40.2%	IC	U Level o	of Service	
Analysis Period (min)			15				

SR-89 5/14/2007 2008 Existing Conditions Synchro 7 - Report 6/12/2009 Page 7

HCM Unsignalized Intersection Capacity Analysis 97: 2600 North & 1300 West
→

Timina	Plan:	PM	Peak

	•	-	\rightarrow	•	←	*	4	†	/	-	ţ	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	ň	₽		7	₽		7	1>			4	7
Volume (veh/h)	810	964	5	57	570	26	4	48	66	1	29	492
Sign Control		Free			Free			Stop			Stop	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	880	1048	5	62	620	28	4	52	72	1	32	535
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)												4
Median type		None			None							
Median storage veh)												
Upstream signal (ft)												
pX, platoon unblocked												
vC, conflicting volume	648			1053			3838	3583	1051	3664	3572	634
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	648			1053			3838	3583	1051	3664	3572	634
tC, single (s)	4.1			4.1			7.1	6.5	6.2	7.1	6.5	6.2
tC, 2 stage (s)												
tF (s)	2.2			2.2			3.5	4.0	3.3	3.5	4.0	3.3
p0 queue free %	6			91			0	0	74	0	0	0
cM capacity (veh/h)	938			661			0	0	276	0	0	479
Direction, Lane #	EB 1	EB 2	WB 1	WB 2	NB 1	NB 2	SB 1					
Volume Total	880	1053	62	648	4	124	567					
Volume Left	880	0	62	0	4	0	1					
Volume Right	0	5	0	28	0	72	535					
cSH	938	1700	661	1700	0	1	0					
Volume to Capacity	0.94	0.62	0.09	0.38	Err	169.76	2476.24					
Queue Length 95th (ft)	373	0	8	0	Err	Err	Err					
Control Delay (s)	37.6	0.0	11.0	0.0	Err	Err	Err					
Lane LOS	Е		В		F	F	F					
Approach Delay (s)	17.1		1.0		Err		Err					
Approach LOS					F		F					
Intersection Summary												
Average Delay			Err									
Intersection Capacity Utiliza	ation		93.0%	10	CU Level	of Service	Э		F			
Analysis Period (min)			15									
,,												

	-	•	•	—	1	/	
Movement	EBT	EBR	WBL	WBT	NBL	NBR	
Lane Configurations	1			4	W		
Volume (veh/h)	173	61	10	169	80	24	
Sign Control	Free			Free	Stop		
Grade	0%			0%	0%		
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	
lourly flow rate (vph)	188	66	11	184	87	26	
Pedestrians							
ane Width (ft)							
Valking Speed (ft/s)							
ercent Blockage							
ight turn flare (veh)							
Median type	None			None			
Median storage veh)							
lpstream signal (ft)							
X, platoon unblocked							
C, conflicting volume			254		427	221	
C1, stage 1 conf vol			201		,		
C2, stage 2 conf vol							
Cu, unblocked vol			254		427	221	
C, single (s)			4.1		6.4	6.2	
C, 2 stage (s)							
= (s)			2.2		3.5	3.3	
0 queue free %			99		85	97	
If capacity (veh/h)			1311		580	818	
. , , ,						0.0	
irection, Lane #	EB 1	WB 1	NB 1				
olume Total	254	195	113				
olume Left	0	11	87				
olume Right	66	0	26				
SH	1700	1311	622				
olume to Capacity	0.15	0.01	0.18				
ueue Length 95th (ft)	0	1	16				
ontrol Delay (s)	0.0	0.5	12.1				
ane LOS		Α	В				
pproach Delay (s)	0.0	0.5	12.1				
pproach LOS			В				
ntersection Summary							
verage Delay			2.6				
ntersection Capacity Utiliz	ation		29.6%	IC	CU Level	of Service	Α
Analysis Period (min)			15				

HCM Unsignalized Intersection Capacity Analysis 101: 1800 North & 1300 West

	•	→	•	•	←	4	4	†	1	>	ļ	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		4			4			4			4	
Sign Control		Stop			Stop			Stop			Stop	
Volume (vph)	31	87	20	19	56	10	26	182	21	12	94	17
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	34	95	22	21	61	11	28	198	23	13	102	18
Direction, Lane #	EB 1	WB 1	NB 1	SB 1								
Volume Total (vph)	150	92	249	134								
Volume Left (vph)	34	21	28	13								
Volume Right (vph)	22	11	23	18								
Hadj (s)	-0.01	0.01	0.00	-0.03								
Departure Headway (s)	5.0	5.1	4.7	4.8								
Degree Utilization, x	0.21	0.13	0.33	0.18								
Capacity (veh/h)	667	645	727	695								
Control Delay (s)	9.3	8.8	10.0	8.9								
Approach Delay (s)	9.3	8.8	10.0	8.9								
Approach LOS	Α	Α	Α	Α								
Intersection Summary												
Delay			9.4									
HCM Level of Service			Α									
Intersection Capacity Utiliza	ation		33.7%	IC	U Level	of Service)		Α			
Analysis Period (min)			15									

Timing Plan: PM Peak

SR-89 5/14/2007 2008 Existing Conditions 6/12/2009 Synchro 7 - Report Page 10

HCM Unsignalized Intersection Capacity Analysis 103: 1800 North & 100 East

Timing Plan: PM Peak

Lane Configurations Volume (verlyh) 12 3 56 11 1 8 70 595 10 10 377 Sign Control Stop Grade 0 0% 0 0% 0 0% 0 0% 0 0% 0 0% 0 0% 0 0		۶	-	•	•	•	•	4	†	-	-	↓	4
Volume (ver\()h\() 12 3 56 11 1 1 8 70 595 10 10 377 Sign Control Stop Stop Free Free Grade	Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Sign Control Stop	Lane Configurations		4			4		ሻ	ĥ			4	
Grade 0 0% 0.92 0.92 0.92 0.92 0.92 0.92 0.92 0.92	Volume (veh/h)	12	3	56	11	1	8	70	595	10	10	377	13
Peak Hour Factor 0.92 0.92 0.92 0.92 0.92 0.92 0.92 0.92	Sign Control		Stop			Stop			Free			Free	
Hourly flow rate (vph) 13 3 61 12 1 9 76 647 11 11 410 Pedestrians Lane Width (ft) Walking Speed (ft/s) Percent Blockage Right turn flare (veh) Median storage veh) Upstream signal (ft) PX, platoon unblocked VC, conflicting volume vC1, stage 1 conf vol 439 439 804 804 VC2, stage 2 conf vol 808 810 501 446 VC3, stage 2 conf vol 808 810 501 446 VC4, unblocked vol 1247 1248 417 1305 1250 652 424 658 LC, single (s) 7.1 6.5 6.2 7.1 6.5 6.2 4.1 4.1 CC, 2 stage (s) 6.1 5.5 6.1 5.5 LTF (s) 3.5 4.0 3.3 3.5 4.0 3.3 2.2 2.2 P0 queue free % 96 99 90 96 100 98 93 99 CM capacity (veh/h) 302 322 636 284 320 468 1135 930 Direction, Lane # EB1 WB1 NB1 NB2 SB1 Volume Total 77 22 76 658 435 Volume Left 13 12 76 0 11 Volume Right 61 9 0 11 14 CSH 518 339 1135 1700 930 Volume Lorendam SB C A A A Approach Delay (s) 13.2 16.3 8.4 0.0 0.4 Lane LOS B C C Intersection Summary Average Delay 1.7	Grade		0%			0%			0%			0%	
Pedestrians Lane Width (ff) Walking Speed (ft/s)	Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Lane Width (ft) Walking Speed (ft/s) Percent Blockage Right turn flare (veh) Median type Median type TWLTL TWLTL Median storage veh) Upstream signal (ft) pX, platoon unblocked vC, conflicting volume vC1, stage 1 conf vol 439 804 804 vC2, stage 2 conf vol 439 804 804 vC2, stage 2 conf vol 439 804 804 vC2, stage 2 conf vol 439 804 805 EV2, stage 2 conf vol 439 804 807 EV3 EV4 EV4 EV5 EV5 EV5 EV5 EV5 EV5	Hourly flow rate (vph)	13	3	61	12	1	9	76	647	11	11	410	14
Walking Speed (tt/s) Percent Blockage Right turn flare (veh) Median type Median storage veh) Upstream signal (tt) PX, platoon unblocked vC, conflicting volume vC1, stage 1 conf vol 439 439 804 804 vC2, stage 1 conf vol 439 439 804 804 vC2, stage 2 conf vol 808 810 501 446 vCu, unblocked vol 1247 1248 417 1305 1250 652 424 658 1C, single (s) 7.1 6.5 6.2 7.1 6.5 6.2 7.1 6.5 6.2 7.1 6.5 6.2 4.1 4.1 10, 2 stage (s) 6.1 5.5 6.1 5.5 6.1 6.2 7.1 6.5 6.	Pedestrians												
Percent Blockage Right turn flare (veh) Median storage veh) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Lane Width (ft)												
Right turn flare (veh) Median type TWLTL TWLTL	Walking Speed (ft/s)												
Median type TWLTL QU Upsteed and state of the property of the pro	Percent Blockage												
Median storage veh 2 2 2													
Median storage veh) 2 2 Upstream signal (ft) byx, platoon unblocked VC, conflicting volume 1247 1248 417 1305 1250 652 424 658 vC1, stage 1 conf vol 439 439 804	Median type								TWLTL			TWLTL	
Upstream signal (ft) pX, platoon unblocked vC1, stage 1 conf vol 439 439 804 804 804 vC2, stage 2 conf vol 808 810 501 446 vC2, stage 2 conf vol VC2, stage 2 conf vol VC3, stage 2 conf vol 808 810 501 446 vC2, stage 2 conf vol 808 810 501 446 vC2, stage 2 conf vol 808 810 501 446 vC2, stage 2 conf vol 808 810 501 446 vC2, stage 2 conf vol 808 810 501 446 vC2, stage 2 conf vol 808 810 501 446 vC2, stage 2 conf vol 808 810 501 446 vC2, stage 2 conf vol 808 810 501 446 vC2, stage 2 conf vol 808 810 501 446 vC2, stage 2 conf vol 808 810 501 446 vC2, stage 2 conf vol 808 810 501 446 vC2, stage 2 conf vol 808 810 501 446 vC2, stage 2 conf vol 808 810 501 652 424 658 C2 41 4.1 4.1 10, 2 stage (s) 6.1 5.5 6.1 5.5 6.1 5.5 6.1 5.5 6.1 5.5 6.2 2.2 p0 queue free % 96 99 90 96 6100 98 93 99 90 6M capacity (velv/h) 302 322 636 284 320 468 1135 930 Direction, Lane # EB1 WB1 NB1 NB2 SB1 Volume Total 77 22 76 658 435 Volume Right 61 90 011 40 Volume Right 61 90 011 14 volume Right 61 90 011 14 volume Capacity 0.15 0.06 0.07 0.39 0.01 Queue Length 95th (ft) 13 5 5 0 1 Control Delay (s) 13.2 16.3 8.4 0.0 0.4 Approach Delay (s) 13.2 16.3 0.9 0.4 Approach Delay (s) 13.2 16.3 0.9 0.4 Approach Dolay (s) 16.7									2			2	
pX, platoon unblocked vC, conflicting volume vC, astage 1 conf vol 439 439 804 804 vC2, stage 2 conf vol 808 810 501 446 vC2, stage 2 conf vol 808 810 501 446 vC2, unblocked vol 1247 1248 417 1305 1250 652 424 658 (C, single (s) 7.1 6.5 6.2 7.1 6.5 6.2 4.1 4.1 (C, 2 stage (s) 6.1 5.5 6.1 5.5 (c. 2 stage (s)) 6.1 5.5 (c. 2 stage (s) 6.1 5.5 (c. 2 stage (s)) 6.1 5.5 (c. 2 stage (s)) 6.1 5.5 (c. 2 stage (s) 6.1 5.5 (c. 2 stage (s)) 6.1 5.5 (c. 2 stage (s) 6.1 5.5 (c. 2 stage (s) 6.1 5.5 (c. 2 st													
VC, conflicting volume VC, stage 1 conf vol 439 439 804 804 VC1, stage 2 conf vol 439 439 804 804 VC2, stage 2 conf vol 808 810 501 446 VC2, unblocked vol 1247 1248 417 1305 1250 652 424 658 10, single (s) 7.1 6.5 6.2 7.1													
VC1, stage 1 conf vol 439 439 804 804 VC2, stage 2 conf vol 808 810 501 446 VC2, stage 2 conf vol 808 810 501 446 VC2, stage 2 conf vol 808 810 501 446 VC2, unblocked vol 1247 1248 417 1305 1250 652 424 658 VC2, unblocked vol 1247 1248 417 1305 1250 652 424 658 VC2, single (s) 7.1 6.5 6.2 7.1 6.5 6.2 4.1 4.1 VC2, 2 stage (s) 6.1 5.5 6.1 5.5 VC2, VC2, VC2, VC2, VC2, VC2, VC2, VC2,		1247	1248	417	1305	1250	652	424			658		
vC2, stage 2 conf vol 808 810 501 446 vCu, unblocked vol 1247 1248 417 1305 1250 652 424 658 tC, single (s) 7.1 6.5 6.2 7.1 6.5 6.2 4.1 4.1 tC, 2 stage (s) 6.1 5.5 6.1 5.5 6.1 5.5 tF (s) 3.5 4.0 3.3 3.5 4.0 3.3 2.2 2.2 p0 queue free % 96 99 90 96 100 98 93 99 Mc capacity (veh/h) 302 322 636 284 320 468 1135 930 Direction, Lane # EB 1 WB 1 NB 1 NB 2 SB 1 Volume Left 13 12 76 0 11 Volume Left 13 12 76 0 11 Volume Left 51 3.39 1135 1700													
VCu, unblocked vol 1247 1248 417 1305 1250 652 424 658 (C, single (s) 7.1 6.5 6.2 7.1 6.5 6.2 4.1 4.1 (C.) stage (s) 6.1 5.5 6.1 5.5 (Ef (s) 3.5 4.0 3.3 3.5 4.0 3.3 2.2 2.2 p0 queue free % 96 99 90 96 100 98 93 99 eth capacity (velv/h) 302 322 636 284 320 468 1135 930 (Velv/h) 302 322 636 284 320 468 1135 930 (Velv/h) 302 322 636 284 320 468 1135 930 (Velv/h) 302 322 636 284 320 468 1135 930 (Velv/h) 302 322 636 284 320 468 1135 930 (Velv/h) 302 322 636 284 320 468 1135 (Velv/h) 302 322 636 284 320 468 1135 (Velv/h) 302 322 636 284 320 468 1135 (Velv/h) 302 (Velv/h) 302 322 636 284 320 468 1135 (Velv/h) 302 (Velv/h) 302 322 636 284 320 468 1135 (Velv/h) 302 (Velv/h) 302 322 636 284 325 (Velv/h) 302					501								
tC, single (s) 7.1 6.5 6.2 7.1 6.5 6.2 4.1 4.1 C, 2 stage (s) 6.1 5.5 6.1 5.5 FF (s) 3.5 4.0 3.3 3.5 4.0 3.3 2.2 2.2 p0 queue free % 96 99 90 96 100 98 93 99 cM capacity (veh/h) 302 322 636 284 320 468 1135 930 Direction, Lane # EB 1 WB 1 NB 1 NB 2 SB 1		1247		417		1250	652	424			658		
tC, 2 stage (s) 6.1 5.5 6.1 5.5 Fit (s) 3.5 4.0 3.3 3.5 4.0 3.3 2.2 2.2 pp Queue tree % 96 99 90 96 100 98 93 99 Polume to Capacity (velr/h) 302 322 636 284 320 468 1135 930 Direction, Lane # EB 1 WB 1 NB 1 NB 2 SB 1 Volume Total 77 22 76 658 435 Volume Left 13 12 76 0 11 Volume Right 61 9 0 11 14 CSH 518 339 1135 1700 930 Volume to Capacity 0.15 0.06 0.07 0.39 0.01 Queue Length 95th (ft) 13 5 5 0 1 Control Delay (s) 13.2 16.3 8.4 0.0 0.4 Approach Delay (s) 13.2 16.3 0.9 0.4 Approach LOS B C Intersection Summary Average Delay 1.7		7.1		6.2				4.1			4.1		
tF(s) 3.5 4.0 3.3 3.5 4.0 3.3 2.2 2.2 p0 queue free % 96 99 90 96 100 98 93 99 eM capacity (veh/h) 302 322 636 284 320 468 1135 930 Direction, Lane # EB 1 WB 1 NB 1 NB 2 SB 1 Volume Total 77 22 76 0 11 Volume Left 13 12 76 0 11 Volume Right 61 9 0 11 14 cSH 518 339 1135 1700 930 Volume to Capacity 0.15 0.06 0.07 0.39 0.01 Queue Length 95th (ft) 13 5 5 0 1 Control Delay (s) Lane LOS B C A A Approach LOS B C A A Approach LOS B C Intersection Summary Average Delay 1.7		6.1	5.5		6.1	5.5							
p0 queue free % 96 99 90 96 100 98 93 99 cM capacity (veh/h) 302 322 636 284 320 468 1135 930 Direction, Lane # EB 1 WB 1 NB 1 NB 2 SB 1				3.3	3.5		3.3	2.2			2.2		
Edic capacity (velvh) 302 322 636 284 320 468 1135 930 Direction, Lane # EB 1 WB 1 NB 1 NB 2 SB 1 Volume Total 77 22 76 658 435 Volume Left 13 12 76 0 11 Volume Right 61 9 0 11 14 cSH 518 339 1135 1700 930 Volume to Capacity 0.15 0.06 0.07 0.39 0.01 Queue Length 95th (ft) 13 5 5 0 1 Control Delay (s) 13.2 16.3 8.4 0.0 0.4 Lane LOS B C A A Approach Delay (s) 13.2 16.3 0.9 0.4 Approach LOS B C A A Average Delay 1.7								93			99		
Volume Total 77 22 76 658 435 Volume Left 13 12 76 0 11 Volume Right 61 9 0 11 14 cSH 518 339 1135 1700 930 Volume to Capacity 0.15 0.06 0.07 0.39 0.01 Queue Length 95th (ft) 13 5 5 0 1 Control Delay (s) 13.2 16.3 8.4 0.0 0.4 Lane LOS B C A A Approach Delay (s) 13.2 16.3 0.9 0.4 Approach LOS B C C Intersection Summary Average Delay 1.7		302		636	284						930		
Volume Total 77 22 76 658 435 Volume Left 13 12 76 0 11 Volume Right 61 9 0 11 14 cSH 518 339 1135 1700 930 Volume to Capacity 0.15 0.06 0.07 0.39 0.01 Queue Length 95th (ft) 13 5 5 0 1 Control Delay (s) 13.2 16.3 8.4 0.0 0.4 Lane LOS B C A A Approach Delay (s) 13.2 16.3 0.9 0.4 Approach LOS B C C Intersection Summary Average Delay 1.7	Direction, Lane #	EB 1	WB 1	NB 1	NB 2	SB 1							
Volume Right 61 9 0 11 14 cSH 518 339 1135 1700 930 Volume to Capacity 0.15 0.06 0.07 0.39 0.01 Queue Length 95th (ft) 13 5 5 0 1 Control Delay (s) 13.2 16.3 8.4 0.0 0.4 Lane LOS B C A A A Approach Delay (s) 13.2 16.3 0.9 0.4 Approach LOS B C C A Intersection Summary Average Delay 1.7	Volume Total	77	22	76	658	435							
Volume Right 61 9 0 11 14 cSH 518 339 1135 1700 930 Volume to Capacity 0.15 0.06 0.07 0.39 0.01 Queue Length 95th (ft) 13 5 5 0 1 Control Delay (s) 13.2 16.3 8.4 0.0 0.4 Lane LOS B C A A Approach Delay (s) 13.2 16.3 0.9 0.4 Approach LOS B C C Intersection Summary Average Delay 1.7	Volume Left	13	12	76	0	11							
cSH 518 339 1135 1700 930 Volume to Capacity 0.15 0.06 0.07 0.39 0.01 Queue Length 95th (ft) 13 5 5 0 1 1 Control Delay (s) 13.2 16.3 8.4 0.0 0.4 Lane LOS B C A A A Approach Delay (s) 13.2 16.3 0.9 0.4 Approach LOS B C													
Volume to Capacity 0.15 0.06 0.07 0.39 0.01 Queue Length 95th (ft) 13 5 5 0 1 Control Delay (s) 13.2 16.3 8.4 0.0 0.4 Lane LOS B C A A Approach Delay (s) 13.2 16.3 0.9 0.4 Approach LOS B C C Intersection Summary Average Delay 1.7		518	339	1135	1700	930							
Queue Length 95th (ft) 13 5 5 0 1 Control Delay (s) 13.2 16.3 8.4 0.0 0.4 Lane LOS B C A A Approach Delay (s) 13.2 16.3 0.9 0.4 Approach LOS B C Intersection Summary Average Delay 1.7													
Control Delay (s) 13.2 16.3 8.4 0.0 0.4 Lane LOS B C A A Approach Delay (s) 13.2 16.3 0.9 0.4 Approach LOS B C Intersection Summary Average Delay 1.7													
Lane LOS B C A A Approach Delay (s) 13.2 16.3 0.9 0.4 Approach LOS B C Intersection Summary Average Delay 1.7		13.2	16.3	8.4	0.0	0.4							
Approach Delay (s) 13.2 16.3 0.9 0.4 Approach LOS B C Intersection Summary Average Delay 1.7					0.0								
Approach LOS B C Intersection Summary Average Delay 1.7													
Average Delay 1.7				0.0		0.1							
: ·· - · · · · · · · · · · · · · · · · ·	Intersection Summary												
	Average Delay			1.7									
intersection dapacity utilization 55.5% ICU Level of Service A	Intersection Capacity Utiliza	ation		53.3%	IC	U Level	of Service			Α			
Analysis Period (min) 15						-							
· · · · · · · · · · · · · · · · · · ·	, ,,												

SR-89 5/14/2007 2008 Existing Conditions 6/12/2009 Synchro 7 - Report Page 11

	>	-	74	•	←	*_	\	×	4	4	×	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	SEL	SET	SER	NWL	NWT	NWR
Lane Configurations		4			4			4		ሻ	1>	
Volume (veh/h)	15	0	108	0	0	0	0	457	61	80	149	0
Sign Control		Stop			Stop			Free			Free	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	16	0	117	0	0	0	0	497	66	87	162	0
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)												
Median type								None			None	
Median storage veh)												
Upstream signal (ft)												
pX, platoon unblocked												
vC, conflicting volume	866	866	530	983	899	162	162			563		
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	866	866	530	983	899	162	162			563		
tC, single (s)	7.1	6.5	6.2	7.1	6.5	6.2	4.1			4.1		
tC, 2 stage (s)												
tF (s)	3.5	4.0	3.3	3.5	4.0	3.3	2.2			2.2		
p0 queue free %	94	100	79	100	100	100	100			91		
cM capacity (veh/h)	256	266	549	167	255	883	1417			1008		
Direction, Lane #	EB 1	WB 1	SE 1	NW 1	NW 2							
Volume Total	134	0	563	87	162							
Volume Left	16	0	0	87	0							
Volume Right	117	0	66	0	0							
cSH	482	1700	1417	1008	1700							
Volume to Capacity	0.28	0.00	0.00	0.09	0.10							
Queue Length 95th (ft)	28	0	0	7	0							
Control Delay (s)	15.3	0.0	0.0	8.9	0.0							
Lane LOS	С	Α		Α								
Approach Delay (s)	15.3	0.0	0.0	3.1								
Approach LOS	С	Α										
Intersection Summary												
Average Delay			3.0									
Intersection Capacity Utiliza	ation		53.1%	IC	CU Level	of Service			Α			
Analysis Period (min)			15									
, , ,												

HCM Unsignalized Intersection Capacity Analysis 106: 2600 North & 900 West

Timing	Plan.	PM	Peak

	۶	→	←	4	/	4	
Movement	EBL	EBT	WBT	WBR	SBL	SBR	
Lane Configurations		ર્ન	1>		¥		
Volume (veh/h)	52	142	116	57	33	26	
Sign Control		Free	Free		Stop		
Grade		0%	0%		0%		
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	
Hourly flow rate (vph)	57	154	126	62	36	28	
Pedestrians							
Lane Width (ft)							
Walking Speed (ft/s)							
Percent Blockage							
Right turn flare (veh)							
Median type		None	None				
Median storage veh)							
Upstream signal (ft)							
pX, platoon unblocked							
vC, conflicting volume	188				424	157	
vC1, stage 1 conf vol							
vC2, stage 2 conf vol							
vCu, unblocked vol	188				424	157	
tC, single (s)	4.1				6.4	6.2	
tC, 2 stage (s)							
tF (s)	2.2				3.5	3.3	
p0 queue free %	96				94	97	
cM capacity (veh/h)	1386				563	888	
Direction, Lane #	EB 1	WB 1	SB 1				
Volume Total	211	188	64				
Volume Left	57	0	36				
Volume Right	0	62	28				
SH	1386	1700	671				
Volume to Capacity	0.04	0.11	0.10				
Queue Length 95th (ft)	0.04	0.11	0.10				
Control Delay (s)	2.3	0.0	10.9				
Lane LOS	2.3 A	0.0	10.9 R				
Approach Delay (s)	2.3	0.0	10.9				
Approach LOS	2.3	0.0	10.9 B				
••			D				
Intersection Summary							
Average Delay			2.6				
Intersection Capacity Utilization	on		33.3%	IC	U Level	of Service	Α
Analysis Period (min)			15				

HCM Unsignalized Intersection Capacity Analysis 108: Huntsman Lane & 900 West

Timing Plan: PM Peak

	•	-	\rightarrow	•	—	•	1	†	<i>></i>	-	ţ	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		4			4			4			4	
Sign Control		Stop			Stop			Stop			Stop	
Volume (vph)	0	29	3	0	23	0	10	21	3	3	44	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	0	32	3	0	25	0	11	23	3	3	48	0
Direction, Lane #	EB 1	WB 1	NB 1	SB 1								
Volume Total (vph)	35	25	37	51								
Volume Left (vph)	0	0	11	3								
Volume Right (vph)	3	0	3	0								
Hadj (s)	-0.02	0.03	0.04	0.05								
Departure Headway (s)	4.1	4.2	4.1	4.1								
Degree Utilization, x	0.04	0.03	0.04	0.06								
Capacity (veh/h)	855	842	848	857								
Control Delay (s)	7.3	7.3	7.3	7.4								
Approach Delay (s)	7.3	7.3	7.3	7.4								
Approach LOS	Α	Α	Α	Α								
Intersection Summary												
Delay			7.3									
HCM Level of Service			Α									
Intersection Capacity Utiliza	ation		14.9%	IC	U Level	of Service	:		Α			
Analysis Period (min)			15									

SR-89 5/14/2007 2008 Existing Conditions Synchro 7 - Report 6/12/2009 Page 14

HCM Unsignalized Intersection Capacity Analysis 114: 2600 North & 600 West

Timing Plan: PM Peak

	-	•	•	←	4	/
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	7			4	¥	
Volume (veh/h)	132	29	4	166	49	18
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	143	32	4	180	53	20
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None			None		
Median storage veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume			175		348	159
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol			175		348	159
tC, single (s)			4.1		6.4	6.2
tC, 2 stage (s)						
tF (s)			2.2		3.5	3.3
p0 queue free %			100		92	98
cM capacity (veh/h)			1401		647	886
Direction, Lane #	EB 1	WB 1	NB 1			
Volume Total	175	185	73			
Volume Left	0	4	53			
Volume Right	32	0	20			
cSH	1700	1401	697			
Volume to Capacity	0.10	0.00	0.10			
Queue Length 95th (ft)	0.10	0.00	9			
Control Delay (s)	0.0	0.2	10.8			
Lane LOS	0.0	Α.Δ	В			
Approach Delay (s)	0.0	0.2	10.8			
Approach LOS	0.0	0.2	В			
Intersection Summary						
Average Delay			1.9			
Intersection Capacity Utiliz	zotion		22.4%	10	ll ovel	of Service
	Lauon		15	IC	o revei	oeivice
Analysis Period (min)			ıo			

SR-89 5/14/2007 2008 Existing Conditions Synchro 7 - Report 6/12/2009 Page 15

HCM Unsignalized Intersection Capacity Analysis 116: 1800 North & 600 West

	•	-	•	•	←	•	4	†	1	\	ļ	1
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		4			4		ሻ	î,		ሻ	î,	
Sign Control		Stop			Stop			Stop			Stop	
Volume (vph)	14	69	21	29	70	6	47	86	50	5	51	11
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	15	75	23	32	76	7	51	93	54	5	55	12
Direction, Lane #	EB 1	WB 1	NB 1	NB 2	SB 1	SB 2						
Volume Total (vph)	113	114	51	148	5	67						
Volume Left (vph)	15	32	51	0	5	0						
Volume Right (vph)	23	7	0	54	0	12						
Hadj (s)	-0.06	0.05	0.53	-0.22	0.53	-0.09						
Departure Headway (s)	4.6	4.8	5.7	4.9	5.8	5.2						
Degree Utilization, x	0.15	0.15	0.08	0.20	0.01	0.10						
Capacity (veh/h)	723	709	607	699	584	655						
Control Delay (s)	8.4	8.6	8.0	8.0	7.7	7.5						
Approach Delay (s)	8.4	8.6	8.0		7.5							
Approach LOS	Α	Α	Α		Α							
Intersection Summary												
Delay			8.2									
HCM Level of Service			Α									
Intersection Capacity Utiliza	ation		26.2%	IC	U Level	of Service			Α			
Analysis Period (min)			15									

Timing Plan: PM Peak

SR-89 5/14/2007 2008 Existing Conditions 6/12/2009 Synchro 7 - Report Page 16

HCM Unsignalized Intersection Capacity Analysis 123: 1100 North & 600 West

Timing	Plan.	PM	Paak

	٠	-	•	•	←	•	4	†	~	-	ļ	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		4		ሻ	ĵ.			4			4	
Volume (veh/h)	30	262	23	39	186	19	31	140	96	13	85	23
Sign Control		Free			Free			Stop			Stop	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	33	285	25	42	202	21	34	152	104	14	92	25
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)												
Median type		TWLTL			TWLTL							
Median storage veh)		2			2							
Upstream signal (ft)												
pX, platoon unblocked												
vC, conflicting volume	223			310			721	670	297	840	672	212
vC1, stage 1 conf vol							362	362		297	297	
vC2, stage 2 conf vol							358	308		543	375	
vCu, unblocked vol	223			310			721	670	297	840	672	212
tC, single (s)	4.1			4.1			7.1	6.5	6.2	7.1	6.5	6.2
tC, 2 stage (s)							6.1	5.5		6.1	5.5	
tF (s)	2.2			2.2			3.5	4.0	3.3	3.5	4.0	3.3
p0 queue free %	98			97			92	70	86	95	82	97
cM capacity (veh/h)	1346			1251			444	511	742	277	501	828
Direction, Lane #	EB 1	WB 1	WB 2	NB 1	SB 1							
Volume Total	342	42	223	290	132							
Volume Left	33	42	0	34	14							
Volume Right	25	0	21	104	25							
cSH	1346	1251	1700	565	495							
Volume to Capacity	0.02	0.03	0.13	0.51	0.27							
Queue Length 95th (ft)	2	3	0	73	27							
Control Delay (s)	0.9	8.0	0.0	17.9	14.9							
Lane LOS	Α	Α		С	В							
Approach Delay (s)	0.9	1.3		17.9	14.9							
Approach LOS				С	В							
Intersection Summary												
Average Delay			7.6									
Intersection Capacity Utiliza	tion		58.1%	IC	U Level of	f Service			В			
Analysis Period (min)			15									
. ,												

SR-89 5/14/2007 2008 Existing Conditions 6/12/2009 Synchro 7 - Report Page 17

HCM Unsignalized Intersection Capacity Analysis 127: 1100 North & 300 East

	mina	Plan:	PM	Peak	
--	------	-------	----	------	--

Colume Configurations Colume Co		۶	→	\rightarrow	•	←	*	4	†	/	-	ţ	4
Volume (velvh) 7 9 18 23 9 7 25 261 20 2 173 7 5 1 5 1 1 7 1 7 1 1 1 1 1 1 1 1 1 1 1	Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL		NBR	SBL	SBT	SBR
Sign Control Stop Stop Stop Free Free Grade 09% 09% 09% 09% 09% 09% 09% 09% 09% 09%	Lane Configurations		4			4							
Crade	Volume (veh/h)	7	9	18	23	9	7	25	261	20	2	173	7
Peak Hour Factor 0.92 0.92 0.92 0.92 0.92 0.92 0.92 0.92	Sign Control		Stop			Stop							
Hourly flow rate (vph) 8 10 20 25 10 8 27 284 22 2 188 8 Pedestrians Lane Width (ft) Walking Speed (ft/s) Percent Blockage Right turn flare (veh) Median type Median storage veh) Upstream signal (ft) XX, platon unblocked XC, conflicting volume 558 556 192 570 549 295 196 305 CC1, stage 1 conf vol CC2, stage 2 conf vol CC3, stage 1 conf vol CC4, stage 8 98 98 98 94 98 99 98 100 EM capacity (veh/h) 422 430 850 409 434 745 1377 1255 Direction, Lane # EB 1 WB 1 NB 1 SB 1 Volume Total 37 42 333 198 Volume Right 20 8 22 8 SSH 579 451 1377 1255 Volume Right 20 8 B B A A Approach Delay (s) 11.6 13.8 0.8 0.1 Lane LOS B B B A A Approach LOS B B B Intersection Summary Average Delay Intersection Summary Average Delay Intersection Summary Average Delay I CU Level of Service A None	Grade		0%			0%			0%			0%	
Pedestrians ane Width (ft) Walking Speed (ft/s) Percent Blockage Right turn flare (veh) Median type Median strage veh) Upstream signal (ft) XX, platon unblocked VC, conflicting volume S58 S56 192 S70 S49 295 196 305 VCU, stage 2 conf vol VCQ, stage 2 conf vol VCQ, stage 2 conf vol VCQ, stage (s) T, 1 S58 S56 192 S70 S49 295 196 305 VCU, unblocked vol CC, single (s) T, 1 S58 S56 192 S70 S49 295 196 305 VCU, stage (s) F(s) 305 CC, single (s) T, 1 S58 S56 S56 S56 S56 S57 S58 S56 S57 S58 S56 S57 S49 S49 S49 S49 S49 S49 S49 S4	Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Lane Width (ft) Walking Speed (ft/s) Percent Blockage Right turn flare (veh) Median type Median storage veh) Upstream signal (ft) DX, platoon unblocked VC, conflicting volume S58 S56 S56 S56 S56 S570 S49 S95 S95 S96 S58 S56 S58 S56 S92 S70 S49 S95 S96 S97 S97 S49 S95 S96 S97	Hourly flow rate (vph)	8	10	20	25	10	8	27	284	22	2	188	8
Walking Speed (ft/s) Percent Blockage Right turn flare (veh) Median tyre Median tyre Median storage veh) Upstream signal (ft) Xx, platoon unblocked XC, conflicting volume XX, platoon unblocked XC, conflicting volume XX, platoon unblocked XC, stage 1 conf vol XC2, stage 2 conf vol XC2, stage 2 conf vol XC3, stage 2 conf vol XC4, unblocked vol XC5, stage 2 conf vol XC6, stage 2 conf vol XC7, stage 1 conf vol XC7, stage 2 conf vol XC8, stage 2 conf vol XC9, stage 2 conf vol XC1, stage 1 stage 2 conf vol XC2, stage 2 con	Pedestrians												
Percent Blockage Right turn flare (veh) Median storage veh) Upstream signal (ft) XX, platon unblocked CC, conflicting volume CC1, stage 1 conf vol CC2, stage 2 conf vol CC3, stage 2 conf vol CC4, stage 2 conf vol CC5, stage 2 conf vol CC5, stage 2 conf vol CC6, stage 2 conf vol CC7, stage 1 conf vol CC7, stage 1 conf vol CC7, stage 1 conf vol CC8, stage 2 conf vol CC9, stage 3 conf vol CC9, stage 4 conf vol CC9, stage 5 conf vol CC9, stage 4 conf vol CC9, stage 4 conf vol CC9, stage 5 conf vol CC9, stage 5 conf vol CC9, stage 5 conf vol CC9, st	Lane Width (ft)												
Right turn flare (veh) Median type Median storage veh) Upstream signal (ft) XX, platon unblocked VC, conflicting volume VC1, stage 1 conf vol VC2, stage 2 conf vol VC3, stage 2 conf vol VC4, unblocked vol VC5, stage 2 conf vol VC5, stage 2 conf vol VC6, stage 2 conf vol VC7, stage 2 conf vol VC7, stage 2 conf vol VC8, stage 2 conf vol VC9, stage 2 confor VC9, stage 2 conf vol VC9, stage 2 conf vol VC9, stage 2 conf	Walking Speed (ft/s)												
Median type	Percent Blockage												
Median storage veh) Upstream signal (ft) Distribution unblocked VC, conflicting volume 558 556 192 570 549 295 196 305 VC1, stage 1 conf vol VC2, stage 2 conf vol VC3, stage 3 conf vol VC2, stage 4 conf vol VC3, stage 6 conf vol VC2, stage 6 conf vol VC2, stage 8 conf vol VC3, stage 1 conf vol VC2, stage 8 conf vol VC2, stage 8 conf vol VC3, stage 8 conf vol VC2, stage 8 conf vol VC3, stage 8 conf vol VC2, stage 8 conf vol VC3, stage 8 conf vol VC4, stage 1 conf vol VC5, stage 8 conf vol VC6, stage 8 conf vol VC7, stage 8 conf vol VC2, stage 8 conf vol VC2, stage 8 conf vol VC3, stage 1 conf vol VC4, stage 1 conf vol VC5, stage 8 conf vol VC6, stage 1 conf vol VC7, stage 1 conf vol VC1, stage 1 conf vol VC1, stage 1 conf vol VC1, stage 1 conf vol VC2, stage 1 conf vol VC1, stage 1 conf vol VC2, stage 1 conf vol VC2, stage 1 conf vol VC2, stage 1 conf vol VC1, stage 1 conf vol VC2, stage 2 conf vol VC2, stage 1 conf vol VC2, stage 2 conf vol VC2, stage 1 conf vol VC2, stage 2	Right turn flare (veh)												
Upstream signal (ft) XX, platon unblocked XZ, conflicting volume 558 556 192 570 549 295 196 305 XC1, stage 1 conf vol XC2, stage 2 conf vol XC2, stage 2 conf vol XC3, stage 2 conf vol XC4, unblocked vol 558 556 192 570 549 295 196 305 XC5, single (s) 7.1 6.5 6.2 7.1 6.5 6.2 4.1 4.1 XC7, 2 stage (s) XC8, stage (s) XC9, st	Median type								None			None	
Direction, Lane # EB 1 WB 1 NB 1 SB 1 Volume Right 20 8 22 8 22 Volume Right 20 8 22 8 8 25 27 2 2 Volume Right 20 8 2 2 8 2 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Median storage veh)												
VC, conflicting volume VC1, stage 1 conf vol VC2, stage 2 conf vol VC2, stage 2 conf vol VC2, stage 2 conf vol VC3, stage 2 conf vol VC4, unblocked vol VC5, stage (s) VC7, stage (s) VC7, stage (s) VC8, stage (s) VC9,	Upstream signal (ft)												
VCI, stage 1 conf vol VC2, stage 2 conf vol VC3, stage 2 conf vol VC2, stage (s) VC3, stage (s) VC3, stage (s) VC4, stage (s) VC5, stage (s) VC6, stage (s) VC7, stage (s) VC7, stage (s) VC8, stage (s) VC9, stage (s) VC	pX, platoon unblocked												
VCQ, stage 2 conf vol VCU, unblocked vol 558 556 192 570 549 295 196 305 CC, single (s) 7.1 6.5 6.2 7.1 6.5 6.2 4.1 4.1 CC, 2 stage (s) IF (s) 3.5 4.0 3.3 3.5 4.0 3.3 2.2 2.2 CO queue free % 98 98 98 94 98 99 98 100 IM capacity (velvh) 422 430 850 409 434 745 1377 1255 Direction, Lane # EB 1 WB 1 NB 1 SB 1 Volume Total 37 42 333 198 Volume Left 8 25 27 2 Volume Right 20 8 22 8 SSH 579 451 1377 1255 Volume Right 579 451 1377 1255 Volume Coapacity 0.06 0.09 0.02 0.00 Queue Length 95th (ft) 5 8 2 0 Control Delay (s) 11.6 13.8 0.8 0.1 Lane LOS B B B A A A Approach Delay (s) 11.6 13.8 0.8 0.1 Approach LOS B B B Werage Delay 2.1 Intersection Summary Average Delay 4.1.2% ICU Level of Service A	vC, conflicting volume	558	556	192	570	549	295	196			305		
vCu, unblocked vol 558 556 192 570 549 295 196 305 (C, single (s) 7.1 6.5 6.2 7.1 6.5 6.2 4.1 4.1 (C, 2 stage (s) 7.1 6.5 6.2 7.1 6.5 6.2 4.1 4.1 (C, 2 stage (s) 7.1 6.5 6.2 7.1 6.5 6.2 4.1 4.1 (C, 2 stage (s) 7.1 6.5 6.2 4.1 4.1 (C, 2 stage (s) 7.1 6.5 6.2 4.1 (C, 2 stage (s) 1.1 6.1 6.5 6.2 4.1 (C, 2 stage (s) 1.1 6.1 6.5 6.2 4.1 (C, 2 stage (s) 1.1 6.1 6.1 6.1 5.1 (C, 2 stage (s) 1.1 6.1 (C, 2 stage (s) 1.1 (C, 2 stage (s)	vC1, stage 1 conf vol												
C, single (s) 7.1 6.5 6.2 7.1 6.5 6.2 4.1 4.1 C, 2 stage (s) Ff (s) 3.5 4.0 3.3 3.5 4.0 3.3 2.2 2.2 30 queue free % 98 98 98 94 98 99 98 100 cM capacity (veh/h) 422 430 850 409 434 745 1377 1255 Direction, Lane # EB 1 WB 1 NB 1 SB 1 Volume Total 37 42 333 198 Volume Right 8 25 27 2 Volume Right 20 8 22 8 cSH 579 451 1377 1255 Volume to Capacity 0.06 0.09 0.02 0.00 Queue Length 95th (ft) 5 8 2 0 Control Delay (s) 11.6 13.8 0.8 0.1 Lane LOS B B B A A Approach LOS B B B Hersection Summary Average Delay Volume Right 2.1 Author Company Average Delay Volume Right 2.1 CLU Level of Service A	vC2, stage 2 conf vol												
C. 2 stage (s) IF (s) 3.5 4.0 3.3 3.5 4.0 3.3 2.2 2.2 2.2 2.5 2.5 2.5 3.5 4.0 3.3 2.2 2.2 2.2 2.5 2.5 2.5 2.5 2.5 2.7 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	vCu, unblocked vol	558	556	192	570	549	295	196			305		
IF (s) 3.5 4.0 3.3 3.5 4.0 3.3 2.2 2.2 Di queue free % 98 98 98 94 98 99 98 100 Mor capacity (velv/h) 422 430 850 409 434 745 1377 1255 Direction, Lane # EB 1 WB 1 NB 1 SB 1 Volume Total 37 42 333 198 Volume Right 20 8 22 8 SSH 579 451 1377 1255 Volume to Capacity 0.06 0.09 0.02 0.00 Queue Length 95th (ft) 5 8 2 0 Control Delay (s) 11.6 13.8 0.8 0.1 Lane LOS B B B A A Approach Delay (s) 11.6 13.8 0.8 0.1 Approach LOS B B B Merrage Delay 2.1 Intersection Summary Average Delay 2.1 Intersection Capacity Utilization 41.2% ICU Level of Service A	tC, single (s)	7.1	6.5	6.2	7.1	6.5	6.2	4.1			4.1		
00 queue free % 98 98 98 94 98 99 98 100 M capacity (velvh) 422 430 850 409 434 745 1377 1255 Direction, Lane # EB 1 WB 1 NB 1 SB 1 Volume Total 37 42 333 198 Volume Left 8 25 27 2 Volume Right 20 8 22 8 SSH 579 451 1377 1255 Volume to Capacity 0.06 0.09 0.02 0.00 Queue Length 95th (ft) 5 8 2 0 Control Delay (s) 11.6 13.8 0.8 0.1 Lane LOS B B B A A Approach Delay (s) 11.6 13.8 0.8 0.1 Approach LOS B B Intersection Summary Average Delay 2.1 Intersection Capacity Utilization 41.2% ICU Level of Service A	tC, 2 stage (s)												
EM capacity (veh/h) 422 430 850 409 434 745 1377 1255 Direction, Lane # EB 1 WB 1 NB 1 SB 1 Volume Total 37 42 333 198 Volume Left 8 25 27 2 Volume Right 20 8 22 8 ESH 579 451 1377 1255 Volume to Capacity 0.06 0.09 0.02 0.00 Queue Length 95th (ft) 5 8 2 0 Control Delay (s) 11.6 13.8 0.8 0.1 Lane LOS B B B A A Approach Delay (s) 11.6 13.8 0.8 0.1 Approach LOS B B Hersection Summary Average Delay 2.1 Intersection Capacity Utilization 41.2% ICU Level of Service A	tF (s)	3.5	4.0	3.3	3.5	4.0	3.3	2.2			2.2		
Direction, Lane #	p0 queue free %	98	98	98	94	98	99	98			100		
Volume Total 37 42 333 198 Volume Left 8 25 27 2 Volume Right 20 8 22 8 SSH 579 451 1377 1255 Volume to Capacity 0.06 0.09 0.02 0.00 Queue Length 95in (ft) 5 8 2 0 Control Delay (s) 11.6 13.8 0.8 0.1 Jane LOS B B A A Approach Delay (s) 11.6 13.8 0.8 0.1 Approach LOS B B B A Approach LOS B B B A Average Delay 2.1 1 1 Average Delay 2.1 1 1 Intersection Capacity Utilization 41.2% I CU Level of Service A	cM capacity (veh/h)	422	430	850	409	434	745	1377			1255		
Volume Left 8 25 27 2 Volume Right 20 8 22 8 SSH 579 451 1377 1255 Volume to Capacity 0.06 0.09 0.02 0.00 Queue Length 95th (ft) 5 8 2 0 Control Delay (s) 11.6 13.8 0.8 0.1 Lane LOS B B B A A Approach Delay (s) 11.6 13.8 0.8 0.1 Approach LOS B B B Intersection Summary Average Delay 2.1 Intersection Capacity Utilization 41.2% ICU Level of Service A	Direction, Lane #	EB 1	WB 1	NB 1	SB 1								
Volume Right 20 8 22 8 SSH 579 451 1377 1255 Volume to Capacity 0.06 0.09 0.02 0.00 Queue Length 95th (ft) 5 8 2 0 Control Delay (s) 11.6 13.8 0.8 0.1 Lane LOS B B B A A Approach Delay (s) 11.6 13.8 0.8 0.1 Approach LOS B B B H APPROACH LOS B B H Hersection Summary Average Delay 2.1 Intersection Capacity Utilization 41.2% ICU Level of Service A	Volume Total	37	42	333	198								
CSH 579 451 1377 1255 Volume to Capacity 0.06 0.09 0.02 0.00 Queue Length 95th (ft) 5 8 2 0 Control Delay (s) 11.6 13.8 0.8 0.1 Lane LOS B B A A Approach Delay (s) 11.6 13.8 0.8 0.1 Approach LOS B B H Average Delay	Volume Left	8	25	27	2								
CSH 579 451 1377 1255 Volume to Capacity 0.06 0.09 0.02 0.00 Queue Length 95th (ft) 5 8 2 0 Control Delay (s) 11.6 13.8 0.8 0.1 Lane LOS B B A A Approach Delay (s) 11.6 13.8 0.8 0.1 Approach LOS B B H AND APPROACH LOS	Volume Right	20	8	22	8								
Queue Length 95th (ft) 5 8 2 0 Control Delay (s) 11.6 13.8 0.8 0.1 Lane LOS B B A A Approach Delay (s) 11.6 13.8 0.8 0.1 Approach LOS B B B Intersection Summary Average Delay 2.1 Intersection Capacity Utilization 41.2% ICU Level of Service A	cSH	579	451	1377	1255								
Queue Length 95th (ft) 5 8 2 0 Control Delay (s) 11.6 13.8 0.8 0.1 Lane LOS B B A A Approach Delay (s) 11.6 13.8 0.8 0.1 Approach LOS B B B Intersection Summary Average Delay 2.1 Intersection Capacity Utilization 41.2% ICU Level of Service A	Volume to Capacity												
Control Delay (s) 11.6 13.8 0.8 0.1 ane LOS B B A A Approach Delay (s) 11.6 13.8 0.8 0.1 Approach LOS B B B Intersection Summary Average Delay 2.1 Intersection Capacity Utilization 41.2% ICU Level of Service A					0								
Lane LOS B B A A Approach Delay (s) 11.6 13.8 0.8 0.1 Approach LOS B B Netresection Summary Average Delay 2.1 Intersection Capacity Utilization 41.2% ICU Level of Service A				0.8	0.1								
Approach Delay (s) 11.6 13.8 0.8 0.1 Approach LOS B B Intersection Summary Average Delay 2.1 Intersection Capacity Utilization 41.2% ICU Level of Service A	Lane LOS		B	Α	Α								
Approach LOS B B Intersection Summary 2.1 Average Delay 2.1 Intersection Capacity Utilization 41.2% ICU Level of Service A													
Average Delay 2.1 Intersection Capacity Utilization 41.2% ICU Level of Service A	Approach LOS												
Average Delay 2.1 Intersection Capacity Utilization 41.2% ICU Level of Service A	Intersection Summary												
Intersection Capacity Utilization 41.2% ICU Level of Service A	Average Delay			2.1									
		ation		41.2%	10	CU Level	of Service			Α			
	Analysis Period (min)												

Volume (veh/h) Sign Control	EBL	→ EBT	FDE	•	←	4	_	†	_	Λ.	- 1	,
Lane Configurations Volume (veh/h) Sign Control	ሻ		EDD			_	7	ı		*	*	*
Lane Configurations Volume (veh/h) Sign Control		1.	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBF
Sign Control	14	- 17		ሻ	î»			4			4	
		199	19	35	100	7	35	25	68	2	10	13
o 1		Free			Free			Stop			Stop	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	15	216	21	38	109	8	38	27	74	2	11	14
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)												
Median type		TWLTL			TWLTL							
Median storage veh)		2			2							
Upstream signal (ft)		1157										
pX, platoon unblocked												
vC, conflicting volume	116			237			461	449	227	523	456	112
vC1, stage 1 conf vol							257	257		189	189	
vC2, stage 2 conf vol							204	192		334	267	
vCu, unblocked vol	116			237			461	449	227	523	456	112
tC, single (s)	4.1			4.1			7.1	6.5	6.2	7.1	6.5	6.2
tC, 2 stage (s)							6.1	5.5		6.1	5.5	
tF (s)	2.2			2.2			3.5	4.0	3.3	3.5	4.0	3.3
p0 queue free %	99			97			94	96	91	100	98	98
cM capacity (veh/h)	1472			1330			637	611	813	521	594	940
Direction, Lane #	EB 1	EB 2	WB 1	WB 2	NB 1	SB 1						
Volume Total	15	237	38	116	139	27						
Volume Left	15	0	38	0	38	2						
Volume Right	0	21	0	8	74	14						
cSH	1472	1700	1330	1700	713	725						
Volume to Capacity	0.01	0.14	0.03	0.07	0.20	0.04						
Queue Length 95th (ft)	1	0	2	0	18	3						
Control Delay (s)	7.5	0.0	7.8	0.0	11.3	10.2						
Lane LOS	Α		Α		В	В						
Approach Delay (s)	0.5		1.9		11.3	10.2						
Approach LOS					В	В						
Intersection Summary												
Average Delay			3.9									
Intersection Capacity Utilization	on		39.0%	IC	U Level	of Service			Α			
Analysis Period (min)			15			22						

	۶	-	•	•	←	•	^	†	<i>></i>	-	ţ	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		4			4			4			4	
Volume (veh/h)	8	193	29	3	103	1	20	14	8	1	10	7
Sign Control		Free			Free			Stop			Stop	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	9	210	32	3	112	1	22	15	9	1	11	8
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)												
Median type		TWLTL			TWLTL							
Median storage veh)		2			2							
Upstream signal (ft)												
pX, platoon unblocked												
vC, conflicting volume	113			241			375	362	226	378	378	112
vC1, stage 1 conf vol							243	243		119	119	
vC2, stage 2 conf vol							132	120		259	259	
vCu, unblocked vol	113			241			375	362	226	378	378	112
tC, single (s)	4.1			4.1			7.1	6.5	6.2	7.1	6.5	6.2
tC, 2 stage (s)							6.1	5.5		6.1	5.5	
tF (s)	2.2			2.2			3.5	4.0	3.3	3.5	4.0	3.3
p0 queue free %	99			100			97	98	99	100	98	99
cM capacity (veh/h)	1476			1325			698	658	814	677	648	940
Direction, Lane #	EB 1	WB 1	NB 1	SB 1								
Volume Total	250	116	46	20								
Volume Left	9	3	22	1								
Volume Right	32	1	9	8								
cSH	1476	1325	702	739								
Volume to Capacity	0.01	0.00	0.06	0.03								
Queue Length 95th (ft)	0	0	5	2								
Control Delay (s)	0.3	0.2	10.5	10.0								
Lane LOS	Α	Α	В	В								
Approach Delay (s)	0.3	0.2	10.5	10.0								
Approach LOS			В	В								
Intersection Summary												
Average Delay			1.8									
Intersection Capacity Utilizat	tion		31.2%	IC	U Level	of Service			Α			
Analysis Period (min)			15									

	٠	-	•	•	←	•	4	†	~	-	ļ	1
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		4			4			4			4	
Volume (veh/h)	18	181	37	3	97	1	23	1	3	4	0	10
Sign Control		Free			Free			Stop			Stop	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	20	197	40	3	105	1	25	1	3	4	0	11
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)												
Median type		TWLTL			None							
Median storage veh)		2										
Upstream signal (ft)												
pX, platoon unblocked												
vC, conflicting volume	107			237			379	369	217	372	389	106
vC1, stage 1 conf vol							256	256		112	112	
vC2, stage 2 conf vol							123	113		260	276	
vCu, unblocked vol	107			237			379	369	217	372	389	106
tC, single (s)	4.1			4.1			7.1	6.5	6.2	7.1	6.5	6.2
tC, 2 stage (s)							6.1	5.5		6.1	5.5	
tF (s)	2.2			2.2			3.5	4.0	3.3	3.5	4.0	3.3
p0 queue free %	99			100			96	100	100	99	100	99
cM capacity (veh/h)	1484			1330			689	647	823	690	635	948
Direction, Lane #	EB 1	WB 1	NB 1	SB 1								
Volume Total	257	110	29	15								
Volume Left	20	3	25	4								
Volume Right	40	1	3	11								
cSH	1484	1330	700	857								
Volume to Capacity	0.01	0.00	0.04	0.02								
Queue Length 95th (ft)	1	0	3	1								
Control Delay (s)	0.7	0.2	10.4	9.3								
Lane LOS	Α	Α	В	Α								
Approach Delay (s)	0.7	0.2	10.4	9.3								
Approach LOS			В	Α								
Intersection Summary												
Average Delay			1.6									
Intersection Capacity Utiliza	tion		29.9%	IC	CU Level of	Service			Α			
Analysis Period (min)			15									

	-	•	•	-	4	~
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	1>			4	¥	
Volume (veh/h)	152	59	30	68	23	44
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	165	64	33	74	25	48
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None			None		
Median storage veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume			229		336	197
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol			229		336	197
tC, single (s)			4.1		6.4	6.2
tC, 2 stage (s)						
tF (s)			2.2		3.5	3.3
p0 queue free %			98		96	94
cM capacity (veh/h)			1339		643	844
Direction, Lane #	EB 1	WB 1	NB 1			
Volume Total	229	107	73			
Volume Left	229	33	25			
Volume Right	64	0	25 48			
cSH	1700	1339	762			
Volume to Capacity	0.13	0.02	0.10			
Queue Length 95th (ft)	0.13	0.02	0.10			
Control Delay (s)	0.0	2.5	10.2			
Lane LOS	0.0	2.5 A	10.2 B			
Approach Delay (s)	0.0	2.5	10.2			
Approach LOS	0.0	2.5	10.2 B			
			В			
Intersection Summary						
Average Delay			2.5			
Intersection Capacity Utilizati	on		30.8%	IC	CU Level o	of Service
Analysis Period (min)			15			

	→	74	4	•	•	4
Movement	EBT	EBR	WBL	WBT	NWL	NWR
Lane Configurations	1>			4	¥	
Volume (veh/h)	352	125	40	194	86	72
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	383	136	43	211	93	78
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None			None		
Median storage veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume			518		748	451
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol			518		748	451
tC, single (s)			4.1		6.4	6.2
tC, 2 stage (s)						
tF(s)			2.2		3.5	3.3
p0 queue free %			96		74	87
cM capacity (veh/h)			1048		364	609
Direction, Lane #	EB 1	WB 1	NW 1			
Volume Total	518	254	172			
Volume Left	0	43	93			
Volume Right	136	0	78			
cSH	1700	1048	446			
Volume to Capacity	0.30	0.04	0.39			
Queue Length 95th (ft)	0.50	3	45			
Control Delay (s)	0.0	1.8	18.1			
Lane LOS	0.0	Α.	C			
Approach Delay (s)	0.0	1.8	18.1			
Approach LOS	0.0	1.0	C			
••			U			
Intersection Summary						
Average Delay			3.8			
Intersection Capacity Utiliz	ation		57.7%	IC	U Level	of Service
Analysis Period (min)			15			

HCM Unsignalized Intersection Capacity Analysis 145: 200 South & Locust Ave

	•	-	•	•	•	•	^	†	<i>></i>	-	ţ	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		4			4			4			4	
Volume (veh/h)	19	177	9	30	63	5	9	87	47	9	40	23
Sign Control		Free			Free			Stop			Stop	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	21	192	10	33	68	5	10	95	51	10	43	25
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)												
Median type		None			None							
Median storage veh)												
Upstream signal (ft)												
pX, platoon unblocked												
vC, conflicting volume	74			202			422	378	197	473	380	71
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	74			202			422	378	197	473	380	71
tC, single (s)	4.1			4.1			7.1	6.5	6.2	7.1	6.5	6.2
tC, 2 stage (s)												
tF (s)	2.2			2.2			3.5	4.0	3.3	3.5	4.0	3.3
p0 queue free %	99			98			98	82	94	98	92	97
cM capacity (veh/h)	1526			1370			482	534	844	396	532	991
Direction, Lane #	EB 1	WB 1	NB 1	SB 1								
Volume Total	223	107	155	78								
Volume Left	21	33	10	10								
Volume Right	10	5	51	25								
cSH	1526	1370	602	594								
Volume to Capacity	0.01	0.02	0.26	0.13								
Queue Length 95th (ft)	1	2	26	11								
Control Delay (s)	0.8	2.5	13.0	12.0								
Lane LOS	Α	Α	В	В								
Approach Delay (s)	0.8	2.5	13.0	12.0								
Approach LOS			В	В								
Intersection Summary												
Average Delay			6.0									
Intersection Capacity Utiliz	ation		28.0%	IC	CU Level	of Service			Α			
Analysis Period (min)			15									

HCM Unsignalized Intersection Capacity Analysis 149: 200 South & Murdock Drive

Timing	Plan.	PM	Paal	

	۶	-	•	•	←	•	4	†	-	-	ļ	4
Movement	EBL	EBT	EBR	WBL	WBT \	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		4			4			4			4	
Volume (veh/h)	50	99	52	8	89	10	37	41	10	8	25	45
Sign Control		Free			Free			Stop			Stop	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	54	108	57	9	97	11	40	45	11	9	27	49
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)												
Median type		None			None							
Median storage veh)												
Upstream signal (ft)												
pX, platoon unblocked												
vC, conflicting volume	108			164			427	370	136	397	392	102
vC1, stage 1 conf vol							· - ·					
vC2, stage 2 conf vol												
vCu, unblocked vol	108			164			427	370	136	397	392	102
tC, single (s)	4.1			4.1			7.1	6.5	6.2	7.1	6.5	6.2
tC, 2 stage (s)												
tF (s)	2.2			2.2			3.5	4.0	3.3	3.5	4.0	3.3
p0 gueue free %	96			99			92	92	99	98	95	95
cM capacity (veh/h)	1483			1414			474	536	913	504	520	953
Direction, Lane #	EB 1	WB 1	NB 1	SB 1								
Volume Total	218	116	96	85								
Volume Left	54	9	40	9								
Volume Right	57	11	11	49								
cSH	1483	1414	532	702								
Volume to Capacity	0.04	0.01	0.18	0.12								
Queue Length 95th (ft)	3	0	16	10								
Control Delay (s)	2.1	0.6	13.2	10.8								
Lane LOS	Α	Α	В	В								
Approach Delay (s)	2.1	0.6	13.2	10.8								
Approach LOS			В	В								
Intersection Summary												
Average Delay			5.3									
Intersection Capacity Utiliza	ation		36.0%	IC	U Level of	Service	;		Α			
Analysis Period (min)			15									

Synchro 7 - Report

Page 24

	•	-	•	•	←	•	•	†	/	>	ļ	4
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		4			4			4			4	
Volume (veh/h)	48	55	23	2	47	4	16	23	4	12	14	14
Sign Control		Free			Free			Stop			Stop	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	52	60	25	2	51	4	17	25	4	13	15	15
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)												
Median type		None			None							
Median storage veh)												
Upstream signal (ft)												
pX, platoon unblocked												
vC, conflicting volume	55			85			257	236	72	251	247	53
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	55			85			257	236	72	251	247	53
tC, single (s)	4.1			4.1			7.1	6.5	6.2	7.1	6.5	6.2
tC, 2 stage (s)												
tF (s)	2.2			2.2			3.5	4.0	3.3	3.5	4.0	3.3
p0 queue free %	97			100			97	96	100	98	98	98
cM capacity (veh/h)	1549			1512			655	641	990	660	633	1014
Direction, Lane #	EB 1	WB 1	NB 1	SB 1								
Volume Total	137	58	47	43								
Volume Left	52	2	17	13								
Volume Right	25	4	4	15								
cSH	1549	1512	668	739								
Volume to Capacity	0.03	0.00	0.07	0.06								
Queue Length 95th (ft)	3	0	6	5								
Control Delay (s)	3.0	0.3	10.8	10.2								
Lane LOS	A	Α	В	В								
Approach Delay (s)	3.0	0.3	10.8	10.2								
Approach LOS			В	В								
Intersection Summary												
Average Delay			4.8									
Intersection Capacity Utiliz	ation		23.7%	IC	CU Level of	f Service			Α			
Analysis Period (min)			15									

HCM Unsignalized Intersection Capacity Analysis 157: Murdock Drive & 1500 East

Timing	Plan:	PM	Peal

	٠	-	•	1	†	ſ٩	Ļ	↓	1	€	*	*
Movement	EBL	EBR	EBR2	NBL	NBT	NBR	SBL	SBT	SBR	NWL2	NWL	NWR
Lane Configurations	W				4			4			Y	
Volume (veh/h)	0	17	61	49	103	54	2	47	5	21	16	0
Sign Control	Stop				Free			Free			Stop	
Grade	0%				0%			0%			0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	0	18	66	53	112	59	2	51	5	23	17	0
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)												
Median type					None			None				
Median storage veh)												
Upstream signal (ft)												
pX, platoon unblocked												
vC, conflicting volume	315	335	54	57			171			382	309	141
vC1, stage 1 conf vol	0.0	000	٠.	0.						002	000	
vC2, stage 2 conf vol												
vCu, unblocked vol	315	335	54	57			171			382	309	141
tC, single (s)	7.1	6.5	6.2	4.1			4.1			7.1	6.5	6.2
tC, 2 stage (s)		0.0	0.2								0.0	0.2
tF (s)	3.5	4.0	3.3	2.2			2.2			3.5	4.0	3.3
p0 queue free %	100	97	93	97			100			96	97	100
cM capacity (veh/h)	606	564	1013	1548			1407			511	584	907
. , ,							1407			011	004	001
Direction, Lane #	EB 1	NB 1	SB 1	NW 1								
Volume Total	85	224	59	40								
Volume Left	0	53	2	23								
Volume Right	66	59	5	0								
cSH	864	1548	1407	540								
Volume to Capacity	0.10	0.03	0.00	0.07								
Queue Length 95th (ft)	8	3	0	6								
Control Delay (s)	9.6	2.0	0.3	12.2								
Lane LOS	Α	Α	Α	В								
Approach Delay (s)	9.6	2.0	0.3	12.2								
Approach LOS	Α			В								
Intersection Summary												
Average Delay			4.3									
Intersection Capacity Utiliza	ation		36.3%	IC	CU Level of	Service			Α			
Analysis Period (min)			15									
. , ,												

HCM Unsignalized Intersection Capacity Analysis 165: 1000 South & Locust Ave

Timing Plan: PM Peak

	•	\rightarrow	4	†	↓ .	4
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	W			4	1>	
Volume (veh/h)	273	58	36	130	98	114
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	297	63	39	141	107	124
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type				None	None	
Median storage veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	388	168	230			
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	388	168	230			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)						
tF (s)	3.5	3.3	2.2			
p0 queue free %	50	93	97			
cM capacity (veh/h)	597	876	1337			
Dinastian Lane #	ED 4	ND 4	00.4			
Direction, Lane # Volume Total	EB 1	NB 1	SB 1 230			
	360	180				
Volume Left	297	39	0			
Volume Right	63	0	124			
cSH	633	1337	1700			
Volume to Capacity	0.57	0.03	0.14			
Queue Length 95th (ft)	89	2	0			
Control Delay (s)	17.9	1.9	0.0			
Lane LOS	С	Α				
Approach Delay (s)	17.9	1.9	0.0			
Approach LOS	С					
Intersection Summary						
Average Delay			8.8			
Intersection Capacity Utiliz	zation		49.6%	IC	CU Level of S	Service
Analysis Period (min)			15			

 SR-89
 5/14/2007
 2008
 Existing Conditions
 Synchro 7 - Report

 6/12/2009
 Page 28

HCM Unsignalized Intersection Capacity Analysis 166: Center Street & 300 East

Movement Lane Configurations Sign Control Volume (vph) Peak Hour Factor	36 0.92 39	Stop 139 0.92	EBR 65	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Sign Control Volume (vph) Peak Hour Factor	0.92	Stop 139 0.92						•				
Volume (vph) Peak Hour Factor	0.92	139 0.92						4			4	
Peak Hour Factor	0.92	0.92			Stop			Stop			Stop	
				19	125	0	26	148	24	9	136	31
	39		0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)		151	71	21	136	0	28	161	26	10	148	34
Direction, Lane #	EB 1	WB 1	NB 1	SB 1								
Volume Total (vph)	261	157	215	191								
Volume Left (vph)	39	21	28	10								
Volume Right (vph)	71	0	26	34								
Hadj (s)	-0.10	0.06	-0.01	-0.06								
Departure Headway (s)	5.2	5.5	5.3	5.3								
Degree Utilization, x	0.38	0.24	0.32	0.28								
Capacity (veh/h)	644	593	613	615								
Control Delay (s)	11.3	10.2	10.8	10.4								
Approach Delay (s)	11.3	10.2	10.8	10.4								
Approach LOS	В	В	В	В								
Intersection Summary												
Delay			10.8									
HCM Level of Service			В									
Intersection Capacity Utilizatio	n		43.9%	IC	U Level o	of Service			Α			
Analysis Period (min)			15									

Appendix C: Access Management Guidelines

Access Management

Access management is the practice of coordinating the location, number, spacing, and design of access points to minimize site access conflicts and maximize the traffic capacity and safety of a roadway. Uncoordinated growth along major travel corridors often results in strip development and a proliferation of access points. In many of these instances, each individual development along the corridor has its own access driveway. Numerous access points along major travel corridors create unnecessary conflicts between turning and through traffic which causes delays and accidents. Numerous benefits are derived from controlling the location and number of access points to a roadway. Those benefits include:

- Improving overall roadway safety
- Reducing the total number of vehicle trips
- Decreasing interruptions in traffic flow
- Minimizing traffic delays and congestion
- Maintaining roadway capacity
- Extending the useful life of roads
- Avoiding costly highway projects
- Improving air quality
- Encouraging compact development patterns
- Improving access to adjacent land uses
- Enhancing pedestrian and bicycle facilities

Principles of Access Management

Constantly growing traffic congestion, concerns over traffic safety, and the ever increasing cost of upgrading roads have generated interest in managing the access to not only the highway system, but to surface streets as well. Access management is the process that provides access to land development while simultaneously preserving the flow of traffic on the surrounding road system in terms of safety, capacity, and speed. Access management attempts to balance the need to provide good mobility for through traffic with the requirements for reasonable access to adjacent land uses.

Arguably the most important concept in understanding the need for access management is to insure the movement of traffic and access to property is mutually exclusive. No facility can move traffic very well and provide unlimited access at the same time. Figure 1 shows the relationship between mobility, access, and the functional classification of streets. The extreme examples of this concept are the freeways and the cul-de-sac. The freeway moves traffic very well with few opportunities for access, while the cul-de-sac has unlimited opportunities for access, but doesn't move traffic very well. In many

cases, accidents and congestion are the result of streets trying to serve both mobility and access at the same time.

A good access management program will accomplish the following:

- Limit the number of conflict points at driveway locations.
- Separate conflict areas.
- Reduce the interference of through traffic.
- Provide sufficient spacing for at-grade, signalized intersections.
- Provide adequate on-site circulation and storage.

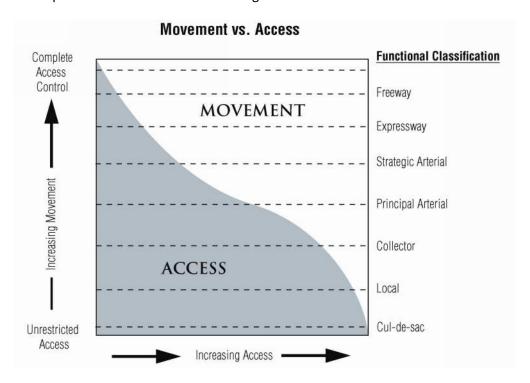


Figure 1 Mobility vs. Access by Functional Classification

Access management attempts to put an end to the seemingly endless cycle of road improvements followed by increased access, increased congestion, and the need for more road improvements.

Poor planning and inadequate control of access can quickly lead to an unnecessarily high number of direct accesses along roadways. The movements that occur on and off roadways at driveway locations, when those driveways are too closely spaced, can make it very difficult for through traffic to flow smoothly at desired speeds and levels of safety. The American Association of State Highways and Transportation Officials (AASHTO) state that "the number of accidents is disproportionately higher at driveways than at other intersections...thus their design and location merits special consideration."

Studies have shown that anywhere between 50 and 70 percent of all crashes that occur on the urban street system are access related.

Fewer direct accesses, greater separation of driveways, and better driveway design and location are the basic elements of access management. There is less occasion for through traffic to brake and change lanes in order to avoid turning traffic when these techniques are implemented uniformly and comprehensively.

Consequently, with good access management, the flow of traffic will be smoother and average travel speeds higher. There will definitely be less potential for accidents. According to the Federal Highway Administration (FHWA), before and after analyses show that routes with well managed access can experience 50 percent fewer accidents than comparable facilities with no access controls.

Roadway Functional Classification

Access spacing should recognize that access and mobility are competing functions. This recognition is fundamental to the design of roadway systems that preserve public investments, contribute to traffic safety, reduce fuel consumption and vehicle emissions, and do not become functionally obsolete. Suitable functional design of the roadway system also preserves the private investment in residential and commercial development

A typical trip on an urban street system can be described as occurring in identifiable steps. These steps can be sorted into a definite hierarchy with respect to how the competing functions of mobility and access are satisfied. At the low end of the hierarchy are highway facilities that provide good access to abutting properties, but provide limited opportunity for through movement. Vehicles entering or exiting a roadway typically perform the ingress or egress maneuver at a very low speed, momentarily blocking through traffic and impeding the movement of traffic on the roadway. At the high end of the hierarchy are facilities that provide good mobility by limiting and controlling access to the roadway, thereby reducing conflicts that slow the flow of through traffic.

Roadway specialization simply means using each individual street facility to perform the desired mix of the functions of access or movement. This is accomplished by classifying highways with respect to the amount of access or mobility they are to provide and then identifying and using the most effective facility to perform that function.

The functional system of classification divides streets into three basic classes identified as arterials, collectors, and local streets. The function of an arterial is to provide for mobility of through traffic. Access to an arterial is controlled to reduce interferences and facilitate through movement. Collector streets provide a mix for the functions of mobility and access, and therefore accomplish neither well. The predominate purpose of local streets is to provide good access. Each class of roadway has its own geometric, traffic control, and spacing requirements.

Roadway Network and Access Management Standards

The access management concepts and standards presented below are consistent with guidelines established by the Federal Highway Administration (FHWA), the American Association of State Highway and Transportation Officials (AASHTO), the Transportation Research Board (TRB), and the Institute of Transportation Engineers (ITE).

Access Management Techniques

There are a number of access management techniques that can be used to preserve or enhance the capacity of a roadway. Specific techniques for managing access are discussed in this section and illustrated with examples. Not all techniques will apply to every situation. Some of them are more appropriate to less developed rural areas of the City, whereas others are more appropriate in the urban areas. In the urban areas, the techniques can be applied when existing sites are redeveloped or when negotiations with landowners are successful. Therefore, it is up to the City's Planning Board to determine what will work best based in each situation.

Number of Access Points

Controlling the number of access points or driveways from a site to a roadway reduces potential conflicts between cars, pedestrians, and bicycles. Each parcel should normally be allowed one access point, and shared access is required were possible. Provisions can be made in the local land use regulations to allow for more than one access point where special circumstances would require additional accesses. Incentives such as density bonuses or reduced frontage requirements can encourage developers to utilize access from existing side roads or to construct side roads rather than directly access an arterial or a collector road.

Spacing of Access Points

Establishing a minimum distance between access points reduces the number of points a driver has to observe and reduces the opportunity for conflicts. Spacing requirements should be based on the classification and design speed of the road, the existing and projected volume of traffic as a result of the proposed development, and the physical conditions of the site. Minimum spacing standards should be applied to both residential and commercial/industrial developments.

To ensure efficient traffic flow, new signals should be limited to locations where the progressive movement of traffic will not be impeded significantly. Uniform, or near uniform, spacing of signals is essential for the progression of traffic. As a minimum, signals should be spaced no closer than one-quarter mile (1,320 feet). It may be recommended on principal arterial streets that signals be spaced at one-third mile (1,760 feet) to one-half mile (2,640 feet).

Unsignalized driveways are far more common than signalized driveways. They affect all kinds of activity, not merely large activity centers. Traffic operational factors leading toward wider spacing of driveways (especially medium- and higher-volume driveways) include weaving and merging distances, stopping sight distance, acceleration rates, and storage distance for back-to-

back left turns. From a spacing perspective, these driveways should be treated the same as public streets. Sound traffic engineering criteria indicates that 500 feet or more should be provided between full-movement unsignalized accesses.

Restricted access movement (i.e., right-in/right-out access) can provide for additional access to promote economic development with minimum impact to the roadway facility. This type of access should be spaced to allow for a minimum of traffic conflicts and provide distance for deceleration and acceleration of traffic in and out of the access. The spacing requirement of accesses is based on the functional classification of the roadway facility and is shown in Table 1. Access spacing shall be measured from center of access to center of access. The spacing of right-turn accesses on each side of a divided roadway can be treated separately; however, where left-turn at median breaks are involved, the access on both sides should line up or be offset from the median break by a minimum of 300 feet. On undivided roadways, access on both sides of the road should be aligned. Where this is not possible, driveways should have an offset distance based on the roadway classification (Table 2). This offset is the distance from the center of an access to the center of the next access on the opposite side of the road.

Table 1 Access Spacing Based on Functional Classification

Functional Classification	Minimum Signal Spacing (ft)*	Minimum Unsignalized Full-Movement Access Spacing (ft)*	Minimum Right- In/Right-Out Access Spacing (ft)*
Major Arterial	2,640	660	330
Minor Arterial	1,320	500	250
Collector	1,320	500	250
Commercial Local	1,320	660	330
Residential Local	1,320	125	100
Residential Sub-Local	1,320	100	75

^{*}Distances in table are measured from center to center of driveway.

Table 2 Minimum Offset between Driveways on Opposite Sides of Undivided Roadways

Functional Classification	Minimum Offset (ft)*
Major Arterial	600 for speed ≥ 45 mph and 300 for speeds < 45 mph
Minor Arterial	220
Collector	200
Commercial Local	200
Residential Local	N/A
Residential Sub-Local	N/A

^{*}Distances in table are measured from center to center of driveway.

Note: Values are based on TRB Access Management Guidelines.

Medians

Medians are used to control and manage left turns and crossing movements as well as separating traffic moving in opposite directions. Restricting left turning movements reduces the conflicts between through and turning traffic resulting in improved safety. Studies have shown that the installation of a non-traversable median will reduce crashes by 30 % over that of a two way left turn lane (TWLTL). Medians are typically used on arterial or other roadways with high volumes of traffic and four or more lanes of traffic.

The use and design of a median is determined by the characteristics of the roadway such as: traffic volumes, speed, number and configuration of lanes, right-of-way width and land uses along the roadway. The need for a median can be identified through engineering review, a traffic study assessing the impact of a proposed project, and should be considered on any roadway that has a speed limit greater than 40 MPH. Medians can improve pedestrian safety by providing a refuge area for those crossing the street. The designer should consider incorporating pedestrian refuge at all major intersection crossings.

In addition, medians are often used in commercial and residential developments to separate lanes of traffic and limit conflicts caused by left turns. Medians can also add to the overall aesthetics of a roadway corridor or a development by incorporating landscaping or other items of visual interest. A well designed roadway with good access management can be aesthetically pleasing. It provides the landscape architect greater opportunity in the development of practical and efficient landscape plans. However care should be taken to maintain sight distance around the intersection /access locations. It is therefore required that only ground cover plantings be planted within 350 feet of an intersection/access opening. Also care should be taken to select landscape materials and location of the materials that will not intrude into the roadway which could result a safety problem for the motorist. Also care should be taken in selection of trees that when mature will not be larger than a 4 inch diameter.

Continuous two way left turn lanes can reduce the conflict and delays caused by vehicles turning left through on-coming traffic. Left turn lanes also reduce accidents caused by slowing vehicles and traffic going around on the right. Two way left turn lanes should only be used to retrofit areas of existing development and shall be limited to a roadway with less than 18,000 ADT. New roads that utilize other access management techniques should not need a two way left turn lane.

Median openings are provided at all signalized at-grade intersections. They are also generally provided at unsignalized junctions of arterial and collector streets. They may be provided at driveways, where they will have minimum impact on roadway flow. The spacing of median openings for signalize driveways should reflect traffic signal coordination requirements and the storage-space needed for left turns. Minimum desired spacing of unsignalized median openings at driveways shall be based on the left turn storage requirements. Median openings for left-

turn entrances (where there is no left-turn exit from the activity center) should be spaced to allow sufficient storage for left-turning vehicles.

Left-turn ingress or egress requires a median opening when traffic traveling in opposing directions is separated by a barrier median. Median widths commonly vary from 30 inches to over 30 feet. A 14 foot median is desirable in order to provide for an adequate left turn lane at intersections.

Design elements include the median width, the spacing of median openings and the geometries of median noses at opening. Typically, median widths at intersections are 30 inches formed by two 15 inch curbs back to back with a plowable (tapered) end.

Corner Clearance

Corner Clearance is the distance between a driveway and an intersection. Providing adequate corner clearance improves traffic flow and roadway safety by ensuring that the traffic turning into the driveway does not interfere with the function of the intersection. Local regulations should require that driveways be located a minimum distance from an intersection based on roadway classification or speed. Any access opening shall not be located within the functional area of the intersection as shown in Figure 2.

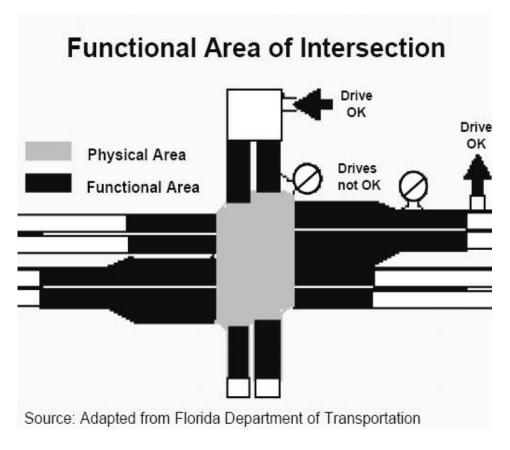


Figure 2 Functional Area of Intersections

Corner Clearance shall be based on an engineering study that includes the following distances illustrated in Figure 4 and Table 3. Figure 4 shows an example inadequate corner clearance that can inhibit roadway capacity and decrease safety.

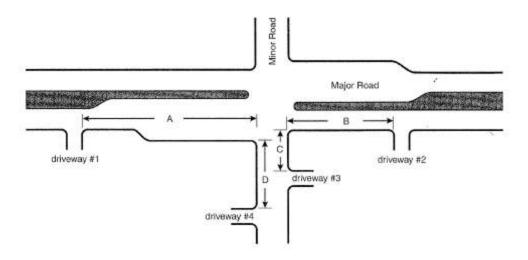


Figure 3 Corner Clearance Types

Table 3 Corner Clearance Criteria

Clearance Type	Sample Clearance Criteria				
A- Approach side on the major roadway	Equal or exceed the functional distance of				
	the intersection d1+d2+d3 (based on				
	engineering study).				
	d1= Distance traveled during perce	eption			
	d2= Distance traveled while driver				
	decelerates to a stop				
	d3= Storage length				
B- Departure side on the major roadway	Residential Roadways	260 feet*			
	Collector Roadways	305 feet*			
	Arterial Roadways	380 feet*			
C- Approach side on the minor roadway	Shall be a minimum of 100 feet				
D- Departure side on the minor roadway	Shall be a minimum of 120 feet				

^{*} Based on a spillback rate of 15% from TRB Access Management Manual

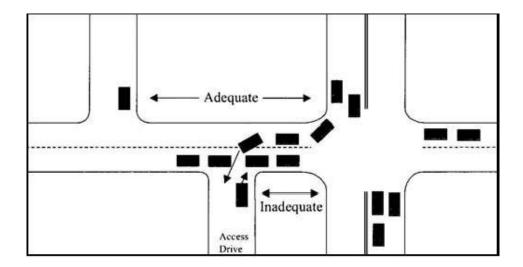


Figure 4 Inadequate Corner Clearance

Width of Access Points

Uncontrolled access is a serious hazard for vehicles entering or exiting a site, vehicles passing by a site, bicyclists and pedestrians. In addition to limiting the number of access points, the width of the access point should be restricted based on the use of the site in question. Residential driveways should be limited to a maximum width of 32 feet at the edge of pavement, including turning radii. The maximum width for a commercial or industrial site entrance with two-way traffic should be limited to 44 feet including 12' for right out 12' for left out with 16' for ingress lane and 2- 2 foot shoulders. The width of the entrance should be determined based on the type of use for the site, the type of traffic (i.e. cars vs. 18 wheel trucks), and the projected volume of traffic.

Turning Radius

The turning radius of a driveway or access road affects both the flow and safety of through traffic as well as vehicles entering and exiting the roadway. The size of the turning radius affects the speed at which vehicles can exit the flow of traffic and enter a driveway. In general, the larger the turning radius, the greater the speed at which a vehicle can turn into a site. An excessively small turning radius will require a turning vehicle to slow down significantly to make the turn, therefore backing up the traffic flow or encroaching into the other lane. An excessively large turning radius will encourage turning vehicles to travel quickly, thereby creating hazards to pedestrians. Either of these situations increases the potential for accidents.

The speed of the roadway, the anticipated type and volume of the traffic, pedestrian safety and the type of use proposed for the site should be considered when evaluating the turning radius. Proposed uses that would require deliveries by large trucks (such as major retail establishments and gas stations) should provide larger turning radii to accommodate such vehicles. Other uses

such as banks, offices or areas with high pedestrian traffic could adequately be served with smaller turning radii based on the type of traffic they would generate.

Throat Length

Throat Length is the length of the driveway that is controlled internally from turning traffic measured from the intersection with the road. Driveways should be designed with adequate throat length to accommodate queuing of the maximum number of vehicles as defined by the peak period of operation in the traffic study. This will prevent potential conflicts between traffic entering the site and internal traffic flow. Inadequate throat length may cause turning traffic to back up onto the road thereby impeding traffic flow and increasing the potential for accidents. The minimum throat length for an access into a minor commercial property is 50 feet. For major commercial development FHWA recommends a minimum throat length of 150' for a major driveway entrance, with 300' desirable. Figure 5 shows both a poor and good example of driveway throat length.

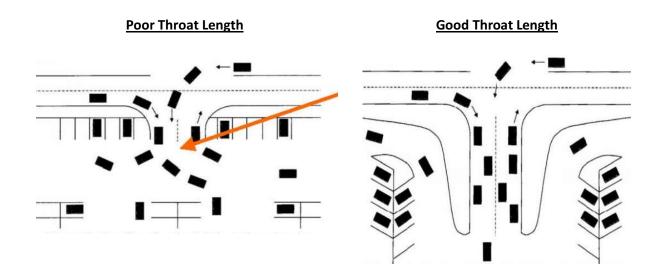


Figure 5 Driveway Throat Length Examples

Driveway Profiles

The slope of a driveway can dramatically influence its operation. Usage by large vehicles can have a tremendous effect on operations if slopes are severe. The profile, or grade, of a driveway should be designed to provide a comfortable and safe transition for those using the facility, and to accommodate the storm water drainage system of the roadway. A maximum grade of 2 percent for a minimum of 50' should be provided for commercial driveways. For street accesses and major traffic generators they shall be designed to meet street standards with no water ways crossing the opening. Table 4 gives the maximum change that can occur between the roadway cross-slope and the driveway slope.

Table 4 Maximum Change between Roadway Cross-Slope and Driveway Slope

Roadway Functional	Driveway					
Classification	High Volume	Low Volume				
Major Arterial	5%	6%				
Minor Arterial	6%	7%				
Collector	7%	8%				
Commercial Local	N/A	≤10%				
Residential Local	N/A	≤12%				
Residential Sub-Local	N/A	≤12%				

Shared Access

Access points shall be shared between adjacent parcels to minimize the potential for conflict between turning and through traffic. Shared access can be used effectively for both residential and nonresidential developments. Since the issues surrounding shared access for residential and nonresidential development are slightly different, they are discussed separately.

Residential

Residential subdivisions located along arterial or collector roadways should be required to construct an internal road system rather than be developed along the existing roadway frontage or a single access cul-de-sac. Subdivision proposals should encourage a coordinated street network by providing rights-of-way or stubs for the extension of streets to adjacent parcels. This will prevent the proliferation of driveways on arterial and collector streets and provide for an interconnected street network.

Shared driveways shall also be used to minimize the number of curb cuts in residential districts, particularly along rural arterial and collector roads. If access is necessary from an arterial or collector then shared driveways is required. Shared driveways serving more than two homes will be built to fire lane standards.

Commercial

Joint driveways providing access to adjacent developments, and interconnections between sites, are required for all development proposals on arterial and collector roadways. Interconnections between sites can eliminate the need for additional curb cuts, thereby preserving the capacity of the roadway. This is particularly important for commercial/industrial sites and should be used to encourage the development of internal or collector roadway systems servicing more than one parcel or establishment. Future roadway rights-of-way should also be provided to promote interconnected access to vacant parcels or to facilitate the consolidation of access points for existing developments.

Pedestrian access between developments will allow people to walk between establishments, thereby reducing the number of vehicle trips. Every opportunity should be taken to provide for interconnections between existing and future developments for both vehicles and pedestrians.

Alignment of Access Points

Street and driveway intersections represent points of conflict for vehicles, bicycles and pedestrians. All modes of travel should be able to clearly identify intersections and assess the travel patterns of vehicles and pedestrians through the intersection. To minimize the potential conflicts and improve safety, intersections and driveways shall be aligned opposite each other wherever possible and intersect roadways at a 90 degree angle. Good driveway alignment will provide vehicles, bicycles, and pedestrians with a clear line of sight and allow them to traverse the intersection more safely.

Sight Distance

Sight distance is the length of the road that is visible to the driver. A minimum safe sight distance should be required for access points based on the roadway classification. The American Association of State Highway and Transportation Officials (AASHTO) publication, A Policy on Geometric Design of Highways and Streets contains recommendations for sight distance based on the roadway design speed and grade. Providing sufficient intersection sight distance at the driveway point for vehicles using a driveway to see oncoming traffic and judge the gap to safely make their movement is essential. Vehicles should be able to enter and leave the property safely. Intersection sight distance varies, depending on the design speed of the roadway to be entered, and assumes a passenger car can turn right or left into a two-lane highway and attain 85 percent of the design speed without being overtaken by an approaching vehicle that reduces speed to 85 percent of the design speed. The table below gives intersection sight distance requirements for passenger cars. Sight distances should be adjusted with crossroad grade in accordance with AASHTO policies.

Table 5 Intersection/Driveway Sight Distance

Posted Speed Limit (mph)	Sight Distance Required (ft)*
30	335
35	390
40	445
45	500
50	555
55	610
60	665
65	720

^{*}Based on a 2 lane roadway (for other lane configurations, refer to AASHTO for adjustments). Drivers' eye setback is assumed to be 15 feet measured from the edge of traveled way.

Normally, intersection sight distance will govern the required sight distance for the driveway but it is also important to verify that the main roadway have sufficient stopping sight distance. For example, a driver of a vehicle approaching an intersection should have an unobstructed view of the entire intersection including any traffic control devices and sufficient length along the intersecting highway to permit the driver to anticipate and avoid potential collisions. The safe stopping sight distance should be reviewed to make sure that the approaching vehicle has a clear view of the roadway in the area of the access. Sight distance may be more of a consideration in rural areas because of higher speeds and rolling/hilly terrain. The stopping sight distance will be greater for a roadway with a high speed and a downgrade as vehicles will take longer to stop in such a circumstance. Table 6 gives the safe stopping sight distance that should be provided for a driver on the roadway to have a clear view of the access/driveway. In making this determination for stopping sight distance, it should be assumed that the approaching driver's eye is 3.5 feet above the roadway surface and that the object to be seen is 2 feet above the surface of the road.

Table 6 Safe Stopping Sight Distances on Grades

Design Speed	Safe Stopping Sight Distance (ft)						
(mph)	Downhi	Downhill Grades		Grades			
	-3%	-6%	3%	6%			
25	158	165	147	143			
30	205	215	200	184			
35	257	271	237	229			
40	315	333	289	278			
45	378	400	344	331			
50	446	474	405	388			
55	520	553	469	450			

Turning Lanes

Turning lanes remove the turning traffic from the through travel lanes. Left turning lanes are used to separate the left turning traffic from the through traffic. Right turn lanes reduce traffic delays caused by the slowing of right turning vehicles. Designated right or left turn lanes are generally used in high traffic situations on arterial and collector roadways. A traffic impact study will identify the need for and make recommendations on the design of turning lanes or tapers based on the existing traffic volumes, speed, and the projected impacts of the proposed use.

Storage Length

The length of the turning lane shall be a minimum of 100 feet and at an unsignalized intersection it shall be a minimum length to accommodate 2- 25 foot vehicles based on the number of vehicles likely to arrive in a 2 minute period at peak hour. For signalized

intersections, the storage length shall be 1 ½ times the average number of vehicles that would queue per cycle during the peak hour based on design year volumes.

Lane Width

Turning lanes shall normally be a minimum of 12 feet in width. Any exception will require approval from the City Engineer. For right turn lanes, provide an additional 12 feet of pavement to accommodate the lane.

Left-turn Lanes

The provision of left-turn lanes is essential from both capacity and safety standpoints where left turns would otherwise share the use of a through lane. Shared use of a through lane will dramatically reduce capacity, especially when opposing traffic is heavy. Left-turn lanes should always be provided at a signalized intersection.

Right-turn Lanes

Right-turn lanes remove the speed differences in the main travel lanes, thereby reducing the frequency and severity of rear-end collisions. They also increase capacity of signalized intersections and may allow more efficient traffic signal phasing.

Length of Auxiliary Lanes

A separate turning lane consists of a taper plus a full width auxiliary lane. The design of turn lanes is based primarily on the speed at which drivers will turn into the lane, the speed to which drivers must reduce in order to turn into the driveway after traversing the deceleration lane, and the amount of vehicular storage that will be required. Other special considerations include the volume of trucks that will use the turning lane and the steepness of an ascending or descending grade.

The total length of an auxiliary lane is made up of the storage length plus the distance necessary to come to a stop from the prevailing speed of the road and the taper distance (which both vary based on speed). A taper length of 50 ft for speeds below 45 mph, 75 ft for speeds of 45 to 50 mph, and 100 ft for speeds over 50 mph is typical. If a two-lane turn lane is to be provided, it is recommended that a 10:1 taper be used to develop the dual lanes. The taper will allow for additional storage during short duration surges in traffic volumes. The length needed for a vehicles to come to a stop from either the design speed or an average running speed of a roadway are shown in Table 7. These deceleration lengths assume the roadway is on a 2 percent or less vertical grade. The storage distance plus the deceleration distance and taper distance will result in the total length of an auxiliary lane (Figure 6).

Table 7 Deceleration Length

Speed (mph)	Deceleration Length (ft)*
30	170
35	220
40	275
45	340
50	410
55	485
60	510
65	570

^{*}Assume the roadway is on a 2 percent or less vertical grade.

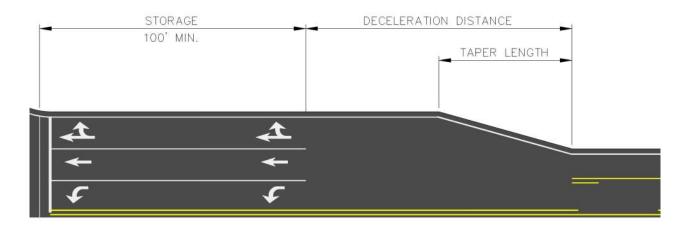


Figure 6 Auxiliary Lane Length

Pedestrian and Bicycle Access

A key aspect of access management is reducing the number of vehicle trips. This can be accomplished by providing safe and appealing pedestrian access within developments and between adjacent developments.

All new development and redevelopment of existing sites should address pedestrian and bicycle access to and within the site. Sidewalks should be provided in all urban residential subdivisions and in or adjacent to commercial or industrial developments. Sidewalks and other pedestrian facilities should comply with the Americans with Disabilities Act (ADA) Standards for Accessible Design. Crosswalks should be clearly marked and located in appropriate areas. Paint or paving materials can be used to delineate crosswalks. In addition to traditional brick, an alternative involves imprinting the asphalt with a brick design and then painting the crosswalk.

Parking lot designs need to address pedestrian access to the site and circulation within the site. Five foot wide sidewalks or striped pedestrian crossings should be provided from adjacent sites through parking lots to promote safe pedestrian access. Safe and appealing pedestrian circulation systems allow people to park their cars once and walk to different establishments, resulting in an overall reduction in the number of vehicle trips. Joint and cross access between developments can provide opportunities for shared parking.

Appendix D: Public Involvement



Public involvement is a key element to producing an effective and worthwhile transportation master plan for the City to implement and follow. Collecting and responding to public input allows City staff and decision-makers to consider all the issues and to address them appropriately. An intensive effort was put forth to collect public comment regarding this particular update of the City's transportation master plan, including the following actions:

Website

A draft of the transportation master plan document was posted on the City's website (http://www.plgrove.org/) for the public to download and review.

Open House

An open house was held to present the proposed updated Pleasant Grove City Transportation Master Plan to the public. The open house was held on May 13, 2009 at the Community Development Building in Pleasant Grove, Utah. The meeting was attended by approximately 80 to 100 people and 17 comments were received.

• Advertisement

- Postcard Individual postcards were mailed to 1,316 residents located within 200 feet of a proposed roadway widening or new roadway alignment. Of the 1,316 postcards mailed, only 92 postcards were returned to sender. The postcard and mailing list are included in this report.
- Utility Bills An announcement was placed in the Pleasant Grove City utility bills.
- Website Details of the open house were posted on the City's website (http://www.plgrove.org/).
- **Presentation** The following displays were shown to the public at the open house and are included in this report:
 - o Proposed Pleasant Grove 2040 Roadway Master Plan
 - Existing & Proposed Pleasant Grove Bicycle and Pedestrian Facilities
 - Pleasant Grove Future Transit Plans
 - Typical Sections
- Comments A comment form was provided at the public open house for residents to
 communicate their concerns and approval of specific elements of the proposed plan. A total of
 17 comments were received. A summary of these comments as well as responses are included
 in this report.



City Council and Planning Commission Meetings

A progress report of the transportation master plan update process was presented at both City Council and Planning Commission Meetings on May 26, 2009 and May 28, 2009 respectively. The presentation is included in this report.

Final Public Hearing

A final public hearing is scheduled for June 23, 2009.

Conclusion

Public involvement has proven to be a critical element of the planning process. As the City updates this plan in the future, public input should be collected and taken into account as this plan evolves.

Attachments

The following items are included in this report:

- Open House Advertisement:
 - Postcard
 - Postcard Mailing List
 - o Newsletter placed in utility bills
- Open House Attendance List
- Open House Displays
- Open House Comments and Responses
- City Council and Planning Commission Meetings Presentation



Open House Advertisement

- Postcard
- Postcard Mailing List
- Newsletter placed in utility bills

PLEASANT GROVE CITY TRANSPORTATION MASTER PLAN

OPEN HOUSE

MAY 13, 2009 6:30-8:00 P.M. THE MEETING WILL BE HELD AT THE COMMUNITY DEVELOPMENT BUILDING (86 EAST 100 SOUTH), IN THE CITY COUNCIL CHAMBERS

THE MEETING WILL BE AN OPEN HOUSE FORMAT. THERE WILL NOT BE A FORMAL PRESENTATION. COME VIEW THE PROPOSED PLAN AND PROVIDE FEEDBACK.

PLEASANT GROVE CITY TRANSPORTATION MASTER PLAN

To view a draft of the proposed plan please visit http://www.plgrove.org/.

You may attend any time between 6:30 and 8:00, there will not be a formal presentation.

Members of the community will have an opportunity to review the proposed Transportation Master Plan for the city, including roads, transit, bicycle and pedestrian facilities. City staff will be available to answer questions and receive comments.



86 EAST 100 SOUTH PLEASANT GROVE, UTAH 84062

PLEASANT GROVE CITY TRANSPORTATION MASTER PLAN OPEN HOUSE MAILING LIST

Orange text indicates postcards that were returned to sender.

	Orange text indicates postcards that were returned OWNER	MAIL STREET	MAIL CITY	MAIL	MAIL ZIP
1	AARON, JACKIE WILSON	3894 W 9850 NORTH	PLEASANT GROVE	STATE UT	CODE 84062
	ABBOTT, CHARLES F	4411 SHEFFIELD DR	PROVO	UT	84604
	ACA PROPERTIES L.C.	PO BOX 339	MIDVALE	UT	84047
	ADAIR, MORGAN B & MARTA J JT	50 W 725 NORTH	LINDON	UT	84042
	ADAMS, AARON B & TIFFANY JT	888 W 2800 NORTH	PLEASANT GROVE	UT	84062
	ADAMS, BRADY E & ROBIN T JT	1491 W 80 SOUTH	PLEASANT GROVE	UT	84062
	ADAMS, GLEN WELDON	67 E 300 SOUTH	PLEASANT GROVE	UT	84062
	ADAMS, J RICHINS & MARLEENE H TEE	98 S 1100 EAST	AMERICAN FORK	UT	84003
	ADAMS, JARED & HOLLY JT	1567 W 80 SOUTH	PLEASANT GROVE	UT	84062
	ADAMS, MICHAEL E & KATHRYN J JT	4291 N 900 WEST	PLEASANT GROVE	UT	84062
	ADAMS, MICHELE ARROWSMITH	1338 RENAISSANCE PL	PLEASANT GROVE	UT	84062
	ADAMS, ORIN A & NAOMI JT	752 W 2600 NORTH	PLEASANT GROVE	UT	84062
	ADAMS, PATRICIA R	669 ROCKY KNOLL LN	DRAPER	UT	84020
	ADAMS, PAULINE	524 W 1800 NORTH	PLEASANT GROVE	UT	84062
	ADAMS, THOMAS A & BEA W TEE	95 S 1050 EAST	PLEASANT GROVE	UT	84062
	AJF PROPERTIES LLC	1554 N 300 EAST	PLEASANT GROVE	UT	84062
	ALEMAN, JORGE A	2267 N 600 WEST	PLEASANT GROVE	UT	84062
	ALL AMERICAN DEVELOPMENT AND CONSTRU	10253 N OAK RD	CEDAR HILLS	UT	84062
	ALL STAR AUTOMOTIVE INVESTMENTS LC	656 N 2000 WEST	PLEASANT GROVE	UT	84062
	ALLEN, JUSTIN B & ALEXIS G JT	681 N 1300 WEST	PLEASANT GROVE	UT	84062
	ALLEN, PAUL E & JUDY JT	60 N 100 EAST	PLEASANT GROVE	UT	84062
	ALLEN, STEPHEN R & CAROLYN JT	166 W 2600 NORTH	PLEASANT GROVE	UT	84062
	ALLEN, STEVEN C & MARLA G JT	9590 CANYON RD	PLEASANT GROVE	UT	84062
	ALLENBACH, BRENT H	1334 RENAISSANCE PL	PLEASANT GROVE	UT	84062
	ALLMAN, KELLY J & ELIZABETH A ET AL	2409 N 1050 WEST	PLEASANT GROVE	UT	84062
	ALLRED, JASON M	330 S 100 EAST	PLEASANT GROVE	UT	84062
	ALLRED, JASON M ALLRED, KEITH B & JUDITH L	1240 N 100 EAST	PLEASANT GROVE	UT	84062
	ALLRIDGE, DALLAN L & SUSAN C JT	1629 N 390 WEST	PLEASANT GROVE	UT	84062
	ALLRIDGE, LEE R & DALLAN JT	267 N 530 EAST	AMERICAN FORK	UT	84002
	ALOHA INVESTMENTS LLC	492 W 700 SOUTH	OREM	UT	84058
	ALPINE ECHO 1 INC	775 COVENTRY LN	ALPINE	UT	84004
	ALPINE PEDIATRICS PROPERTY MANAGEMEN	1912 W 930 NORTH	PLEASANT GROVE	UT	84062
	ALVAREZ, ROBERT C	1479 W 80 SOUTH	PLEASANT GROVE	UT	84062
	AMATO, DOUGLAS & SUSAN G JT	PO BOX 204	VINA	CA	96092
	AMERICAN SPRINGS DEVELOPMENT COMPANY	146 W 700 NORTH	AMERICAN FORK	UT	84003
	AMG ENTERPRISES INC	6 S 400 WEST	LINDON	UT	84042
	AMSOURCE PLEASANT GROVE LC ET AN INT			UT	84101
	ANDERSON, ARRON W & IDA C TEE	358 S RIO GRANDE ST #200 712 E 900 SOUTH	PLEASANT GROVE	UT	84101
	ANDERSON, CRAIG & AMIE TEE			UT	84062
	<u> </u>	1265 W 2850 NORTH	PLEASANT GROVE		
	ANDERSON, DEBBIE L	1780 N 1300 WEST	PLEASANT GROVE	UT	84062
	ANDERSON, JAMES A & AUDREY R TEE	691 E 990 SOUTH	PLEASANT GROVE	UT	84062
	ANDERSON, JEDEDIAH J & KIMBERLY S	936 N 1420 WEST	PLEASANT GROVE	UT	84062
	ANDERSON, KEVIN B & LISA A JT	795 N 600 WEST	PLEASANT GROVE		84062
	ANDERSON, TONY J & GINGER M JT	1207 W 3420 NORTH	PLEASANT GROVE	UT	84062
	ANDERSON, WILLIAM L ET AL	2460 W 450 SOUTH #5	SPRINGVILLE	UT	84663
	ANDRUS, CHRIS	1339 ALPINE WAY	PROVO	UT	84606
	ANDRUS, PATRICIA L & JON A TEE	2445 CANYON RD	PLEASANT GROVE	UT	84062
	ANGUS, DONALD J & LE ANN	502 W 1800 NORTH	PLEASANT GROVE	UT	84062
	ANTOINE BUNKER FARMS LIMITED FAMILY	6286 W 10890 NORTH	HIGHLAND	UT	84003
	AOK FAMILY HOLDING TRUST	PO BOX 536	FERRON	UT	84523
	ARCHLAND PROPERTY I LLC	PO BOX 182571	COLUMBUS	OH	43218
	AREVALO, JOSE R & OLINDA J JT	357 W 800 NORTH	LINDON	UT	84042
	ARIAS, ITALO M ET AL	1520 E MURDOCK DR	PLEASANT GROVE	UT	84062
	ARNEY, TRACEE L & JAMES D JT	738 W 2240 NORTH	PLEASANT GROVE	UT	84062
55	AROTEC ENG CO	747 W 400 SOUTH	OREM	UT	84058
_ '	ARSON, GREG	252 W 1290 NORTH	AMERICAN FORK	UT	84003
57	ASBEY, GAYLE	2480 N 600 WEST	PLEASANT GROVE	UT	84062
57 58	ASBEY, GAYLE ASH, LLOYD K & LINDA R	294 E 300 SOUTH	PLEASANT GROVE	UT	84062
57 58 59	ASBEY, GAYLE				

61 ASHTON, RANDY D & JULIE R JT	331 W 2600 NORTH	PLEASANT GROVE	UT	84062
62 ASTON, VERNON R & JENNIFER P JT	1597 N 150 EAST	PLEASANT GROVE	UT	84062
63 ATKINSON, ADRIAN D TEE	PO BOX 647	PLEASANT GROVE	UT	84062
64 ATKINSON, ARLEN T & PATRICIA JT	241 S 100 EAST	PLEASANT GROVE	UT	84062
65 ATKINSON, DELBERT W & KARLA M JT	4633 CANYON RD	PLEASANT GROVE	UT	84062
66 ATKINSON, JACOB I & AMANDA G JT	1793 GARDEN DR	PLEASANT GROVE	UT	84062
67 ATTERTON, R BRENT & KIM JT	1777 N 70 EAST	PLEASANT GROVE	UT	84062
68 ATWOOD, GRANT L & FLORENCE TEES	4966 W 11000 NORTH	HIGHLAND	UT	84003
69 ATWOOD, SCOTT & ERIKA TEE	1259 W 2310 NORTH	PLEASANT GROVE	UT	84062
70 AULT, LEO H & VIRGINIA A JT	357 LOADER DR	PLEASANT GROVE	UT	84062
71 AUSTIN, STEPHEN	986 W 270 SOUTH #103	PLEASANT GROVE PLEASANT GROVE	UT	84062
72 AVANYU ACRES OWNERS ASSOCIATION	9543 AVANYU DR	CEDAR HILLS	UT	84062
73 AVERETT, CASEY G & TRACY JT	1825 N 100 EAST	PLEASANT GROVE	UT	84062
74 BAGGS, STEPHEN F & ARDEAN C	5217 MCKINNEY WAY	CARMICHAEL	CA	95608
75 BAILEY, REBECCA	1511 W 80 SOUTH	PLEASANT GROVE	UT	84062
·			UT	+
76 BAIR, REED I & JOAN L JT	945 N 100 EAST	PLEASANT GROVE		84062
77 BAIRD, MARTIN H	1478 E 1000 SOUTH	PLEASANT GROVE	UT	84062
78 BAKER, DENNIS	250 SOUTH BEACHWOOD, STE 120	BOISE	ID	83709
79 BAKER INVESTMENTS LLC	250 BEECHWOOD DR #120	BOISE	ID	83709
80 BAKER, BLAIR H & CONNIE S JT	1021 N 1600 WEST	PLEASANT GROVE	UT	84062
81 BAKER, JED & SHEILA TEE	13 1/2 BOUSCAY AV	NORWALK	OH	44857
82 BALD MOUNTAIN DEVELOPMENT LLC ET AL	5373 W 10480 NORTH	HIGHLAND	UT	84003
83 BALDWIN AND GAGON CONSTRUCTION COMPA	1625 E 480 SOUTH	PLEASANT GROVE	UT	84062
84 BALDWIN, RHETT B	986 W 270 SOUTH #203	PLEASANT GROVE	UT	84062
85 BALL, DANA D	2059 TUSCANY WAY	PLEASANT GROVE	UT	84062
86 BANK OF AMERICAN FORK	33 E MAIN ST	AMERICAN FORK	UT	84003
87 BANKS, BRET C & LISA M JT	990 N 100 EAST	PLEASANT GROVE	UT	84062
88 BARIA, JO ANN	3959 SIDNEY ST SE	LACEY	WA	98503
89 BARNEY, DAVID & HEATHER JT	1361 W 50 NORTH	PLEASANT GROVE	UT	84062
90 BARNHARDT, ROLLAND J & ROLAND JT	306 S 100 EAST	PLEASANT GROVE	UT	84062
91 BASSETT, TOM	PO BOX 727	BIGGS	CA	95917
92 BATCHLER, JACK W & RUTH J	PO BOX 580	PLEASANT GROVE	UT	84062
93 BATH, JANA W & NORMAN J TIC	1004 W 1000 NORTH	PLEASANT GROVE	UT	84062
94 BAUGH, CASEY	4937 W 11000 NORTH	HIGHLAND	UT	84003
95 BAUMAN, JOHN A & LYNDA D	1150 N 1300 WEST	PLEASANT GROVE	UT	84062
96 BAXTER, KAY F	25 SMITH LN	PLEASANT GROVE	UT	84062
97 BEAGLEY, HEATHER J & HEATHER J	9540 N CANYON RD	PLEASANT GROVE	UT	84062
98 BEAN, CINDY TEE	9231 S REDWOOD RD	WEST JORDAN	UT	84088
99 BEAN, CINDY R	15 S 1300 WEST	PLEASANT GROVE	UT	84062
100 BEAR DEVELOPMENT LLC	838 W 4230 NORTH	PLEASANT GROVE	UT	84062
101 BECK, DARREL J & CINDIE K JT	798 W 1000 NORTH	PLEASANT GROVE	UT	84062
102 BEESLEY, WAYNE	702 UTAH AV	PROVO	UT	84606
103 BEFUS, SCOTT JASON	84 S 850 EAST	PLEASANT GROVE	UT	84062
104 BELLISTON, FAYE S & MARCUS J TEE	147 W HIDDEN HOLLOW CIR	OREM	UT	84058
105 BELMONT ESTATES LLC	1549 E 400 SOUTH	PLEASANT GROVE	UT	84062
106 BENNETT LAND HOLDINGS LLC ET AL	5 IRONWOOD DR	NORTH SALT LAKE	UT	84054
107 BENNETT, GLENNETA R	4591 CANYON RD	PLEASANT GROVE	UT	84062
108 BENNETT, LAMAE H	125 E 500 NORTH	PLEASANT GROVE	UT	84062
109 BENSON, C DAVID & SANDRA K JT	980 W 1800 NORTH	PLEASANT GROVE	UT	84062
110 BENSON, JO ANN & DONALD W JT	420 E 300 SOUTH	PLEASANT GROVE	UT	84062
111 BERGESON, DEAN R & DIXIE A JT	701 E 990 SOUTH	PLEASANT GROVE	UT	84062
112 BEST, JOHN E & JULIE TEE	2356 N 600 WEST	PLEASANT GROVE	UT	84062
113 BETHERS, DALE F & EDITH H	2831 CANYON RD	PLEASANT GROVE	UT	84062
114 BEVERIDGE, GREGORY C & NORMA JT	1178 W 3300 NORTH	PLEASANT GROVE	UT	84062
115 BEVERIDGE, KENDALL LAMAR TEE	10996 N 4800 WEST	HIGHLAND	UT	84003
116 BEZZANT, DOUGLAS G & TAMRA B TIC	376 S LOCUST AV	PLEASANT GROVE	UT	84062
117 BEZZANT, MAE S TEE	360 S LOCUST AV	PLEASANT GROVE	UT	84062
118 BEZZANT, RICHARD L & LORNA E JT	325 N 100 EAST	PLEASANT GROVE	UT	84062
119 BIG SPRINGS DEVELOPMENT INC	1610 N 525 EAST	PLEASANT GROVE	UT	84062
120 BIGELOW, BARBARA & BRENT R TEE	866 N 600 WEST	PLEASANT GROVE	UT	84062
121 BIGELOW, ROBERT B & STEPHANIE JT	1370 N 100 EAST	PLEASANT GROVE	UT	84062
122 BIGELOW, ROBERT D & JILL B	1330 N 100 EAST	PLEASANT GROVE	UT	84062
			UT	+
123 BINGHAM, ROBERT I & RONNIE J	1585 N MURDOCK DR	PLEASANT GROVE		84062
124 BIRD, RYAN G & JENNY A JT	319 W 1800 NORTH	PLEASANT GROVE	UT	84062
125 BISHOP, ANDREW	1476 N FREEDOM BLVD	PROVO	101	84604

126	BISHOP, GREGORY L & JESSICA N JT	2845 N 900 WEST	PLEASANT GROVE	UT	84062
127	BISHOP, JARED L	688 W 2760 NORTH	PLEASANT GROVE	UT	84062
128	BISHOP, REBECCA S & STEVEN A TEE	399 E STATE RD	PLEASANT GROVE	UT	84062
	BLACK SCOT DEVELOPMENT LC	1093 E 20 SOUTH	LINDON	UT	84042
130	BLACK SCOT DEVELOPMENT LLC	3214 N UNIVERSITY AV #104	PROVO	UT	84604
	BLACK, DUBBY J & AMY L JT	119 E 1640 NORTH	PLEASANT GROVE	UT	84062
	BLACKHAM, MAX A & MARY L JT	2024 N 600 WEST	PLEASANT GROVE	UT	84062
	BLACKHAM, NATHAN H & JESSICA JT	1635 W 50 NORTH	PLEASANT GROVE	UT	84062
	BLACKHURST, M DEAN & CHRISTIN TEE	PO BOX 79	NEPHI	UT	84648
	BLACKHURST, MICHAEL D & CAROL JT	2575 N 600 WEST	PLEASANT GROVE	UT	84062
	BLACKHURST, REESE BERRY ET AL	414 W 2600 NORTH	PLEASANT GROVE	UT	84062
	BLAKE, DAVID C ET AL AN INT	265 N COUNTRY MANOR LN	ALPINE	UT	84004
	BLAKE, PHILIP T & HELEN	29 S 2000 WEST	PLEASANT GROVE	UT	84062
	BLANCO, GERARDO R & JANA L JT	986 N 1600 WEST	PLEASANT GROVE	UT	84062
	BLUE CHROME INVESTMENTS LLC	1458 E 300 SOUTH	PLEASANT GROVE	UT	84062
	BLUE RIBBON STORAGE LLC	754 E 1200 NORTH	PLEASANT GROVE	UT	84062
	BOBO, DOUGLAS J & MARCELLE JT	2728 CANYON RD	PLEASANT GROVE	UT	84062
	BOONE, JACOB H & CHERYL E JT	9454 CANYON RD	CEDAR HILLS	UT	84062
	BORWEGEN, THOMAS G & GEORGIAN JT	359 E 500 SOUTH	PLEASANT GROVE	UT	84062
	BOUDREAUX, BRANDON	9332 CANYON RD	CEDAR HILLS	UT	84062
	BOWCUT, DON L & NORA G JT	1130 W STATE RD	PLEASANT GROVE	UT	84062
	BOWEN, BRIAN D & JILL A JT	651 N 600 WEST	PLEASANT GROVE	UT	84062
	BOWEN, RICHARD L & JANET M JT	715 W 2000 NORTH	PLEASANT GROVE	UT	84062
	BOWER, GENE & MAY TEE	450 W CENTER ST	PLEASANT GROVE	UT	84062
	BOWERS, CHARLES REX	1285 N 100 EAST	PLEASANT GROVE	UT	84062
	BOWN, JAY ET AL	795 N 600 WEST		UT	84062
	BOX ELDER PROPERTIES LIMITED PARTNER	11038 HIGHLAND BLVD #100	PLEASANT GROVE	UT	84003
			HIGHLAND	UT	
	BOX, PATRICK M & MARLENE JT	1835 N 820 WEST	PLEASANT GROVE		84062
	BOYD, GERALD	668 W 4000 NORTH	PLEASANT GROVE	UT	84062
	BOYER, D ROY & LORRAINE S TEE	2622 CANYON RD	PLEASANT GROVE	UT	84062
	BPW LLC	1801 GLORY CREEK DR	LAS VEGAS	NV	89128
	BRADSHAW, KIETH (& DOROTHY A JT	4341 CANYON RD	PLEASANT GROVE	UT	84062
	BRADSHAW, WARREN B & LE ORA E TEE	210 N PRESTON DR	ALPINE	UT	84004
	BRAGONJE LLC	2480 S 3850 WEST #C	WEST VALLEY CITY	UT	84120
	BRANCOLINO, MATIAS & ANGELICA	180 N 100 EAST	PLEASANT GROVE	UT	84062
	BRANDT, DON ET AL	250 BEECHWOOD DR #120	BOISE	ID	83709
	BRANDT, DON ET AL 30%INT	203 11TH AV SOUTH	NAMPA	ID	83651
	BRANDT, WILLIAM J & MITZI JT	1594 W 1010 NORTH	PLEASANT GROVE	UT	84062
	BRANIN, JAMES M & KATHY M JT	3473 N MAHOGANY DR	PLEASANT GROVE	UT	84062
	BRATT, DEBRA	185 S STATE ST #1300	SALT LAKE CITY	UT	84111
	BRATT, JON R & DEBRA R TEE	635 S 1300 WEST	PLEASANT GROVE	UT	84062
	BRATT, LYNN M & ELIZABETH A JT	637 S 1300 WEST	PLEASANT GROVE	UT	84062
	BRB ENTERPRISES LIMITED PARTNERSHIP	750 W PIONEER BLVD	MESQUITE	NV	89027
	BRENNAN, DAVID S & CARMEN K JT	1951 TUSCANY WAY	PLEASANT GROVE	UT	84062
	BRERETON, STERLING J & DIANE JT	205 N 100 EAST	PLEASANT GROVE	UT	84062
	BRERETON, WESTON	10363 N 6680 WEST	HIGHLAND	UT	84003
	BRIA, CAMERON S & JAIME L JT	364 E 300 SOUTH	PLEASANT GROVE	UT	84062
	BRIMHALL, VINCE A & LORRIE A JT	1244 W 3040 NORTH	PLEASANT GROVE	UT	84062
	BROCKBANK, ROGER R	4646 HIGHLAND DR	SALT LAKE CITY	UT	84117
	BROMLEY, WILLIAM K & DIANA JT	1714 N 70 EAST	PLEASANT GROVE	UT	84062
	BRONK, BRIAN	623 N 1300 WEST	PLEASANT GROVE	UT	84062
	BROOKWOOD CONSTRUCTION & DESIGN INC	133 W 640 NORTH	AMERICAN FORK	UT	84003
178	BROWN, COLLEEN C TEE	9610 OLD ORCHARD LN	CEDAR HILLS	UT	84062
179	BROWN, COLLECT C				
180	BROWN, ELISE M ET AL	81 N 1620 WEST	PLEASANT GROVE	UT	84062
	BROWN, ELISE M ET AL BROWN, LARRY V & YVONNE K ET AL	81 N 1620 WEST 930 W 1800 NORTH	PLEASANT GROVE PLEASANT GROVE	UT UT	84062
	BROWN, ELISE M ET AL			+	
181	BROWN, ELISE M ET AL BROWN, LARRY V & YVONNE K ET AL	930 W 1800 NORTH	PLEASANT GROVE	UT	84062
181 182	BROWN, ELISE M ET AL BROWN, LARRY V & YVONNE K ET AL BROWNING, JENNIFER P & CORY R JT	930 W 1800 NORTH 2869 CANYON RD	PLEASANT GROVE PLEASANT GROVE	UT UT	84062 84062
181 182 183	BROWN, ELISE M ET AL BROWN, LARRY V & YVONNE K ET AL BROWNING, JENNIFER P & CORY R JT BRUNDAGE-BONE CONCRETE PUMPING INC	930 W 1800 NORTH 2869 CANYON RD 350 W 700 SOUTH	PLEASANT GROVE PLEASANT GROVE PLEASANT GROVE	UT UT UT	84062 84062 84062
181 182 183 184	BROWN, ELISE M ET AL BROWN, LARRY V & YVONNE K ET AL BROWNING, JENNIFER P & CORY R JT BRUNDAGE-BONE CONCRETE PUMPING INC BRYANT, PATRICIA	930 W 1800 NORTH 2869 CANYON RD 350 W 700 SOUTH 18583 JEFFERSON AV	PLEASANT GROVE PLEASANT GROVE PLEASANT GROVE CEDAR VALLEY	UT UT UT UT	84062 84062 84062 84013
181 182 183 184 185	BROWN, ELISE M ET AL BROWN, LARRY V & YVONNE K ET AL BROWNING, JENNIFER P & CORY R JT BRUNDAGE-BONE CONCRETE PUMPING INC BRYANT, PATRICIA BRYANT, R JACOB & REBECCA JT	930 W 1800 NORTH 2869 CANYON RD 350 W 700 SOUTH 18583 JEFFERSON AV 3686 N 900 WEST	PLEASANT GROVE PLEASANT GROVE PLEASANT GROVE CEDAR VALLEY PLEASANT GROVE	UT UT UT UT UT UT	84062 84062 84062 84013 84062
181 182 183 184 185 186	BROWN, ELISE M ET AL BROWN, LARRY V & YVONNE K ET AL BROWNING, JENNIFER P & CORY R JT BRUNDAGE-BONE CONCRETE PUMPING INC BRYANT, PATRICIA BRYANT, R JACOB & REBECCA JT BUCKNER, CHAD W & MICKIE JT	930 W 1800 NORTH 2869 CANYON RD 350 W 700 SOUTH 18583 JEFFERSON AV 3686 N 900 WEST 3870 MOUNTAIN TOP CIR	PLEASANT GROVE PLEASANT GROVE PLEASANT GROVE CEDAR VALLEY PLEASANT GROVE CEDAR HILLS	UT	84062 84062 84062 84013 84062 84062
181 182 183 184 185 186 187	BROWN, ELISE M ET AL BROWN, LARRY V & YVONNE K ET AL BROWNING, JENNIFER P & CORY R JT BRUNDAGE-BONE CONCRETE PUMPING INC BRYANT, PATRICIA BRYANT, R JACOB & REBECCA JT BUCKNER, CHAD W & MICKIE JT BULLOCK, HAZEL H	930 W 1800 NORTH 2869 CANYON RD 350 W 700 SOUTH 18583 JEFFERSON AV 3686 N 900 WEST 3870 MOUNTAIN TOP CIR 1025 N 600 WEST	PLEASANT GROVE PLEASANT GROVE PLEASANT GROVE CEDAR VALLEY PLEASANT GROVE CEDAR HILLS PLEASANT GROVE	UT	84062 84062 84062 84013 84062 84062 84062
181 182 183 184 185 186 187	BROWN, ELISE M ET AL BROWN, LARRY V & YVONNE K ET AL BROWNING, JENNIFER P & CORY R JT BRUNDAGE-BONE CONCRETE PUMPING INC BRYANT, PATRICIA BRYANT, R JACOB & REBECCA JT BUCKNER, CHAD W & MICKIE JT BULLOCK, HAZEL H BULLOCK, MARY T	930 W 1800 NORTH 2869 CANYON RD 350 W 700 SOUTH 18583 JEFFERSON AV 3686 N 900 WEST 3870 MOUNTAIN TOP CIR 1025 N 600 WEST 159 S PLEASANT GROVE BLVD #15	PLEASANT GROVE PLEASANT GROVE PLEASANT GROVE CEDAR VALLEY PLEASANT GROVE CEDAR HILLS PLEASANT GROVE PLEASANT GROVE	UT	84062 84062 84013 84062 84062 84062 84062

191 BURR, BRYAN ET AL TEE	210 N PRESTON DR	ALPINE	UT	84004
191 BURR, DANIEL S & KRISTEN D JT	9691 CHESTERFIELD DR	CEDAR HILLS	UT	84062
193 BURR, LOYE ANN	254 S 1100 EAST	AMERICAN FORK	UT	84002
		LINDON	UT	84042
194 BURT, FLORENCE M TEE 195 BURTT, KEVIN M	78 W 725 NORTH 1251 E 1000 SOUTH	PLEASANT GROVE	UT	84062
196 BUSHMAN, GERALD L & PEGGY A TEE	990 E 900 SOUTH	PLEASANT GROVE	UT	84062
197 BYBEE, CHAD	145 S PROCTOR LA	PLEASANT GROVE	UT	84062
198 BYLUND PROPERTIES LLC	411 S 640 WEST	PLEASANT GROVE	UT	84062
199 CABIN LAND LLC	501 S MAIN ST	PLEASANT GROVE	UT	84062
200 CABINLAND LLC	1 E CENTER ST #321	PROVO	UT	84606
201 CAIN PROPERTIES LC	14829 GRANITE RIDGE LN	DRAPER	UT	84020
202 CALDWELL, ROGER B & JILL JT	680 W 2300 NORTH	PLEASANT GROVE	UT	84062
203 CALL, JAMES E & SANDRA L JT	706 W 2240 NORTH	PLEASANT GROVE	UT	84062
204 CALTON, GORDON H & KARI L JT	1309 W 2180 NORTH	PLEASANT GROVE	UT	84062
205 CAMPBELL, CLINT E & JENNIFER JT	236 E 1640 NORTH	PLEASANT GROVE	UT	84062
206 CAMPBELL, GARY J & LINDA B JT	73 S 850 EAST	PLEASANT GROVE	UT	84062
207 CAPITAL COMMUNITY BANCORPORATION INC	3280 N UNIVERSITY AV	PROVO	UT	84604
208 CARD, KAREN N & KENNETH JT	2899 CANYON RD	PLEASANT GROVE	UT	84062
209 CARLSON, JOSEPH W & CAROL E JT	1243 W 3040 NORTH	PLEASANT GROVE	UT	84062
210 CARR, CHAD C & ALISON M JT	1778 N 70 EAST	PLEASANT GROVE	UT	84062
211 CARSON, CLYDE W & THELMA B ET JT	1807 W 1100 NORTH	PLEASANT GROVE	UT	84062
•		PROVO	UT	84604
212 CARSON, EVA D & DIANE ET AL 213 CARTER, CARL & MARSHA JT	1625 N FREEDOM BLVD 1347 N 100 EAST		UT	84062
,		PLEASANT GROVE	UT	-
214 CARTER, DENNIS L & DIANA M JT	9 E 700 SOUTH	PLEASANT GROVE	UT	84062
215 CARTER, ROBERT E & VANIECE M	205 S 1300 WEST	PLEASANT GROVE	UT	84062 84062
216 CARTER, ROBERT E & VANIECE M JT	PO BOX 156 681 W STATE RD	PLEASANT GROVE	UT	-
217 CARTER, ROSEMARY & FRANCINE JT		PLEASANT GROVE	UT	84062
218 CARTER, WESLEY E & MARLENE J JT	14 W 725 NORTH	LINDON		84042
219 CASABAR, DAMON K & HOLLY JT	2932 N 1130 WEST	PLEASANT GROVE	UT	84062
220 CASSIS LAND COMPANY INC	372 WATERSIDE RD	HEBER CITY	UT	84032
221 CC INVESTMENTS LC	PO BOX 265	HEBER CITY	UT	84032
222 CENTENNIAL SQUARE LIMITED COMPANY	1148 NATHANIEL DR	PLEASANT GROVE	UT	84062
223 CENTRAL BANK	75 N UNIVERSITY AV	PROVO	UT	84601
224 CENTRAL BANK CUST	228 W 725 NORTH	LINDON	UT	84042
225 CHADWICK, GLEN D & VERNA P JT	814 E 3540 SOUTH CIR	SAINT GEORGE	UT	84790
226 CHAPMAN, STEVEN & LESLIE JT	695 W 2240 NORTH	PLEASANT GROVE	UT	84062
227 CHARLESWORTH, D MARK & LACEY S	2514 N 600 WEST	PLEASANT GROVE	UT	84062
228 CHASE, BRENT & PATRICIA JT	835 E 100 SOUTH	PLEASANT GROVE	UT	84062
229 CHAVAN, AMIT B ET AL	179 N 1630 WEST #72	PLEASANT GROVE	UT	84062
230 CHEIRASCO PROPERTIES LLC	125 E MAIN ST #611	AMERICAN FORK		84003
231 CHITWOOD, RICHARD L ET AL	1442 E 1000 SOUTH	PLEASANT GROVE	UT	84062
232 CHOI, DONG S & KYUNG A JT	764 N 400 EAST	LINDON		84042 84062
233 CHORNIAK, JERRY T & JOAN A JT 234 CHRISTENSEN, AARON V & BROOKE JT	500 S GENEVA RD 781 W 1500 NORTH	PLEASANT GROVE	UT	
•		PLEASANT GROVE		84062
235 CHRISTENSEN, BRYANT & DENNIS JT	1201 E 1220 NORTH	OREM	UT	84097
236 CHRISTENSEN, DANIEL D	1929 RIDGEHILL DR	BOUNTIFUL CROVE	UT	84010
237 CHRISTENSEN, EARL L	1199 W STATE RD	PLEASANT GROVE	UT	84062
238 CHRISTENSEN, EARL L	4512 W 8800 NORTH	AMERICAN FORK	UT	84003
239 CHRISTENSEN, NATHAN	1473 W 80 SOUTH	PLEASANT GROVE	UT	84062
240 CHRISTENSEN, NIEL C & ALICE W JT	470 N 745 EAST	PLEASANT GROVE	UT	84062
241 CHRISTENSEN, NORRIS A & CHERY 1/3INT	1602 W 1000 NORTH	PROVO	UT	84604
242 CHRISTENSEN, PETER D & DIANE JT	375 S MAIN ST #2	ALPINE DI FASANT GROVE	UT	84004
243 CHRISTENSEN, RONALD G & CHERY TEE	2373 N 600 WEST	PLEASANT GROVE		84062
244 CHRISTENSEN, RONALD G & JAY D TIC	1199 W STATE RD	PLEASANT GROVE	UT	84062
245 CHRISTENSEN, ZOE J	699 E 990 SOUTH	PLEASANT GROVE	UT	84062
246 CHRISTIANSEN, BRIAN M & CHRIS JT	1785 N 270 WEST	PLEASANT GROVE	UT	84062
247 CHRISTIANSEN, TAMMY	2180 N 600 WEST	PLEASANT GROVE	UT	84062
248 CHRISTOPHERSON, JOSHUA K & RA JT	1258 W 2850 NORTH	PLEASANT GROVE	UT	84062
249 CHRISTOPHERSON, LYNN A & MELA JT	1320 W 1340 NORTH	PLEASANT GROVE	UT	84062
250 CHUN, WILLY ET AL	989 W 600 NORTH	PLEASANT GROVE	UT	84062
251 CHURCH, GEORGE D & DARLENE L TEE	678 E 900 SOUTH	PLEASANT GROVE	UT	84062
252 CHURCH, RAYMOND A & SHARON H JT	165 MAPLE LN	PLEASANT GROVE	UT	84062
253 CINDY & DANA LLC	875 E 400 NORTH	LINDON DI FASANT GROVE	UT	84042
254 CITYSIDE PROPERTIES LC	65 N 100 EAST	PLEASANT GROVE	UT	84062
255 CLARK, ELVIN ET AL DBA	448 W CENTER ST	PLEASANT GROVE	UT	84062

2006 CORDINATE CONTRIBUTED CONTRIBUT	SECTIARY IOUNIAN & FUZARETUAN TEE	EE E CENTED CT	DI FACANT CDOVE	LIT	94063
288 CALEGO, TRUE JANN 200 100 DEST PLEASANT GROVE UT 8406.00	256 CLARK, JOHN W & ELIZABETH M TEE	55 E CENTER ST	PLEASANT GROVE	UT	84062
1515 EMPKT, NOTE & ACATHLEEN B 17					
200 CLUMSS, EMBLY PARTIESCHIP S151 S GENVAN RD CEDAR HILLS UT 84052 CLUMSD, LINES & DOROTHY TEE S150 CANYON RD CEDAR HILLS UT 84052 CLUMSD, LINES & DOROTHY TEE S150 CANYON RD CEDAR HILLS UT 84052 CLUMSD, LINES & DOROTHY TE S150 CANYON RD CEDAR HILLS UT 84062 CLUMSS, RAWN & EMBLY R UT 8					
MISSON M				_	
SECONARD, ROPERTO & REMISTA, IT					
255 CLOWARD, RYAND & BARDLY R. JT	-				
286 CIDATE, DESIGNA IT	•	1076 N 1700 WEST	PLEASANT GROVE	UT	
285 COABE, JOSHUA ET A. 886 W 270 SOUTH #301 PLEASANT GROVE UT 84002 870 COABE, JOSHUA ET A. 1957 W 130 NORTH PLEASANT GROVE UT 84002 870 COABE, JOSHUA ET A. 1957 W 130 NORTH PLEASANT GROVE UT 84002 870 COABE, JOSHUA ET A. 1958 N 200 EAST SAMISH FORK UT 84002 870 COABE, JOSHUA ET A. 1958 N 200 EAST OREM UT 84002 870 COABE, JOSHUA ET A. 1958 N 200 EAST OREM UT 84002 870 COABE, JOSHUA ET A. 1958 N 200 EAST OREM UT 84002 870 COABE, JOSHUA ET A. 1958 N 200 EAST OREM UT 84002 1958 COALURS, BRUCE & SHRILEY A ET AL 1958 N 200 EAST OREM UT 84002 1958 COALURS, BRUCE & SHRILEY A ET AL 1958 N 200 EAST OREM UT 84002 1971 COABE, JOSHUA ET AL 1972 COATHERWARTH HAID TITE WAS 9901 1972 COATHERWARTH HAID TITE WAS 9901 1972 COATHERWARTH HAID TITE WAS 9901 271 COAPT ON A ESSALINA ET AL 1974 HAID SAMISH	263 CLOWARD, RYAN B & EMILY R JT	1465 W 1800 NORTH	PLEASANT GROVE	UT	84062
265 COBB, ROBERT L & SYLVIAF _ IT	264 CLUFF, TYLER F & FLORIS A JT	1985 TIMBERLINE RD	PACIFIC	MO	63069
261 S020LEMAN, BECKY	265 COBABE, JOSHUA ET AL	986 W 270 SOUTH #301	PLEASANT GROVE	UT	84062
288 COLLEDGE, WAN EUGENEET AL 398 N 300 DAST OREM OF THE SHOPP OF SHORE SERVICE & SHRIEFY A ET AL 398 N 300 DAST OREM OF THE SHOPP OF SHAPE SHOPP OF SHAPE S	266 COBB, ROBERT L & SYLVIA F JT	1957 W 1100 NORTH	PLEASANT GROVE	UT	84062
295 COLINIAGS, BRUCE E & SHRIELY A ET AL. 288 N 2000 EAST OREM	267 COLEMAN, BECKY	261 S 930 WEST	PLEASANT GROVE	UT	84062
270 COMMONIVEALTH LAND TITLE INSUMANCE CO	268 COLLEDGE, IVAN EUGENE ET AL	159 N 900 EAST	SPANISH FORK	UT	84660
270 COMMONWEALTH LAND TITLE INSUMANCE CO	269 COLLINGS, BRUCE E & SHIRLEY A ET AL	298 N 1000 EAST	OREM	UT	84097
271 COMPTON, AESALINA ET AL 272 CONTINENTAL DIPE MANUFACTURING CO 273 COOK, CAMDEN M 274 COOK, JEFSTEY OR STACEY JT 275 COOK, CAMDEN M 275 COOK, CAMDEN M 276 COOK, JEFSTEY OR STACEY JT 277 COOK, WATTO BLORD JT 278 COOK, SEPSTEY OR STACEY JT 278 COOK, JESSICA A ET AL 278 N 100 EAST 278 COOK, KEYN M & SUZANNE JT 278 SLOCK, SEYNER A STACEY JT 278 COOK, KEYN M & SUZANNE JT 278 COOLEY, SAM C 278 COOK, KEYN M & SUZANNE JT 278 COOLEY, SAM C 278			SEATTLE	WA	98101
272 COONTINENTAL PIPE MANUFACTURING CO 40 N 600 WEST 9 C S 90 EAST AMERICAN FORK UT 84003 273 COOK, ADMEN 9 S 9 90 EAST AMERICAN FORK UT 84003 274 COOK, JEFFREY D & STACEY. JT 1169 N 1200 WEST PLEASANT GROVE UT 84002 275 COOK, JEFFREY D & STACEY. JT 1169 N 1200 WEST PLEASANT GROVE UT 84002 276 COOK, REVIN M & SUZANNE JT 383 S LOCUST AV PLEASANT GROVE UT 84002 277 COOK, WYATTO & LOR JT 84002 277 COOK, WYATTO & LOR JT 84002 278 COOLEY, SESTER A ET AL 388 N 600 WEST PLEASANT GROVE UT 84002 279 CORDNER, DAWANYE & LINDAJ JT 276 CANYON RD PLEASANT GROVE UT 84002 279 CORDNER, DAWANYE & LINDAJ JT 276 CANYON RD PLEASANT GROVE UT 84002 279 CORDNER, DAWANYE & LINDAJ JT 276 CANYON RD PLEASANT GROVE UT 84002 279 CORDNER, DAWANYE & LINDAJ JT 276 CANYON RD PLEASANT GROVE UT 84002 279 CORDNER, DAWANYE & LINDAJ JT 276 CANYON RD PLEASANT GROVE UT 84002 281 COUNTY LINDE D 100 CARD OF THE MERCENTY UT 84150 282 COUNTY LINDE D 100 CARD OF THE MERCENTY UT 84150 283 COUNTY LINDE D 100 CARD OF THE MERCENTY UT 84002 284 COWAN, LIN B S SAMUEL R 1 LOS & E COO NOTH PLEASANT GROVE UT 84002 285 COX, LEWIS K & SARA S JT 184 E STATE RD PLEASANT GROVE UT 84002 287 CREEKSIDE HOMEOWINERS ASSOCIATION PO BOX 476 D 00 EAST PLEASANT GROVE UT 84002 287 CREEKSIDE HOMEOWINERS ASSOCIATION PO BOX 476 D 00 EAST PLEASANT GROVE UT 84002 287 CREEKSIDE HOMEOWINERS ASSOCIATION PO BOX 476 D 00 EAST PLEASANT GROVE UT 84002 287 CREEKSIDE HOMEOWINERS ASSOCIATION PO BOX 476 D 00 EAST PLEASANT GROVE UT 84002 287 CREEKSIDE HOMEOWINERS ASSOCIATION PO BOX 476 D 00 EAST PLEASANT GROVE UT 84002 287 CREEKSIDE HOMEOWINERS ASSOCIATION PO BOX 476 D 00 EAST PLEASANT GROVE UT 84002 287 CREEKSIDE HOMEOWINERS ASSOCIATION PO BOX 476 D 00 EAST PLEASANT GROVE UT 84002 280 CLULLIMORE, SANDRA V TEE 291 S 100 EAST PLEASANT GROVE UT 84002 290 CROW, FEFERY O & CASSIE R 276 N 1450 WEST PLEASANT GROVE UT 84002 290 CROW, FEFERY O & CASSIE R 276 N 1450 WEST PLEASANT GROVE UT 84002 291 DAVIS AND				-	
273 COOK, CAMDEN M 95 S 930 EAST AMERICAN FORK UT 84062 274 COOK, JERREY D & STACEY JT 1150 N 1300 WEST PLEASANT GROVE UT 84062 275 COOK, JESSICA A ET AL 298 N 100 EAST PLEASANT GROVE UT 84062 276 COOK, KEVIR M & SUZANNE JT 383 S LOCUST AV PLEASANT GROVE UT 84062 277 COOK, WATTO & LORI JT PO BOX 728 DUCHESWE UT 84062 278 COOK, RYSTAT O & LORI JT PO BOX 728 DUCHESWE UT 84062 278 COOK, RYSTAT O & LORI JT PO BOX 728 DUCHESWE UT 84062 278 COOLEY, SAM C 388 N 600 WEST PLEASANT GROVE UT 84062 278 COOLEY, SAM C 388 N 600 WEST PLEASANT GROVE UT 84062 280 CORP OF PRES BISHOP CHURCH OF JESUS SO E NORTH TEMPLE 2TH FLOOR SALT LAKE CITY UT 84062 280 CORP OF PRES BISHOP CHURCH OF JESUS SO E NORTH TEMPLE 2TH FLOOR SALT LAKE CITY UT 84062 281 COULYT JUNING DEVELOPMENT ET AL 304 E 300 SOUTH PLEASANT GROVE UT 84062 282 COUNTY JUNING DEVELOPMENT ET AL 1048 E 200 NORTH PLEASANT GROVE UT 84062 284 COWGILL, JUNE D 1070 N 100 EAST PLEASANT GROVE UT 84062 285 COUNTY JUNING DEVELOPMENT ET AL 1053 N 150 EAST PLEASANT GROVE UT 84062 286 COWGILL, JUNE D 1070 N 100 EAST PLEASANT GROVE UT 84062 287 CORRECTED AND SALT LAKE CITY UT 84062 288 CORNAL SALE SAMA S JT 184 E STATE RD PLEASANT GROVE UT 84062 288 CORNAL SALE SAMA S JT 184 E STATE RD PLEASANT GROVE UT 84062 289 CORNOLL, SALE SAMA S JT 184 E STATE RD PLEASANT GROVE UT 84062 280 CORNOLL, SALE SALE SALE SALE SALE SALE SALE SALE			<u> </u>		
224 CODOX, JESSICA A ET AL 288 N 100 BAST PLEASANT GROVE UT 84062 276 CODX, KEVIM N & SUZANNE JT 838 SLOCUST AV PLEASANT GROVE UT 84062 277 CODX, EVENIM N & SUZANNE JT PO BOX 728 DUCHESNE UT 84062 278 CODX, EVENIM N & SUZANNE JT PO BOX 728 DUCHESNE UT 84062 279 CORDRIER, DAWATNIE & LINDA J 276 CANYON RD PLEASANT GROVE UT 84062 279 CORDRIER, DAWATNIE & LINDA J 276 CANYON RD PLEASANT GROVE UT 84062 279 CORDRIER, DAWATNIE & LINDA J 276 CANYON RD PLEASANT GROVE UT 84062 279 CORDRIER, DAWATNIE & LINDA J 276 CANYON RD PLEASANT GROVE UT 84062 281 COUCHH, ROBERT BRINTON ET AL 394 E 300 SOUTH PLEASANT GROVE UT 84062 282 COUNTY LIVING DEVELOPMENT ET AL 1045 E 200 NORTH PLEASANT GROVE UT 84062 283 COWAN, LISA & SAMUEL R JT 1053 R 150 EAST PLEASANT GROVE UT 84062 284 COWAN, LISA & SAMUEL R JT 1053 R 150 EAST PLEASANT GROVE UT 84062 285 COXAL EVIN S & SARAS S JT 324 E STATE R 395 SENIOR S 286 CORDRIER, SARAW S 287 CREEKSIS BORD CHARLES 287 CREEKSIS BORD CHARLES 288 CREST HOLDINGS LC. 49 W 7720 SOUTH MIDVALE 300 CROP OF PREASANT GROVE UT 84062 290 CROW, JEFERY OR CASSER 276 IN 1450 WEST PLEASANT GROVE UT 84062 290 CROW, JEFERY OR CASSER 276 IN 1450 WEST PLEASANT GROVE UT 84062 290 CROW, JEFERY OR CASSER 276 IN 1450 WEST PLEASANT GROVE UT 84062 290 CROW, JEFERY OR CASSER 276 IN 1450 WEST PLEASANT GROVE UT 84062 290 CROW, JEFERY OR CASSER 276 IN 1450 WEST PLEASANT GROVE UT 84062 290 CROW, JEFERY OR CASSER 276 IN 1450 WEST PLEASANT GROVE UT 84062 291 CULLIMORE, SANDRA V TEE 291 SLOD BAST PLEASANT GROVE UT 84062 292 CULLIMORE, SANDRA V TEE 293 SLOWERS 294 COUNTY JURING EVELOPMENT TEE 295 SLOD BAST PLEASANT GROVE UT 84062 295 OR SERVIN OR SERVIN SERVI				-	
275 COOK, JESSICA A ET AL. 288 N 100 EAST. PLEASANT GROVE. UT. 84022 277 COOK, WYATT D & LORI. 383 S LOUSTAV. PLEASANT GROVE. UT. 84022 278 COOK, WYATT D & LORI. 383 S LOUSTAV. PLEASANT GROVE. UT. 84021 278 COOK, WYATT D & LORI. 383 S H 600 WEST. PLEASANT GROVE. UT. 84022 279 CORDINER, DAWAYNE & LUIDAJ. JT. 276 LORI. 276 LORI. 277 COOK, WYATT D & LORI. 383 S H 600 WEST. PLEASANT GROVE. UT. 84022 280 CORP OF PRES BISHOP CHURCH OF JESUS. S DE NORTH TEMPLE 12TH FLOOR. SAIT LAKE CITY. UT. 84052 281 COULTY LUING BEVELOPMENT ET AL. 394 E 300 SOUTH. PLEASANT GROVE. UT. 84052 282 COULTY LUING BEVELOPMENT ET AL. 1053 N 150 EAST. 1653 N 150 EAST. PLEASANT GROVE. UT. 84052 284 COWGIL, JUNE D. 1070 N 100 EAST. PLEASANT GROVE. UT. 84052 285 COX, LEWIS, & SARAD S. IT. 1363 N 150 EAST. 194 E S TATE B. PLEASANT GROVE. UT. 84052 286 CORANDAL, LARO. 989 SENIOR BAND RD. 286 CRANDAL, LARO. 989 SENIOR BAND RD. 287 CREEKESIDE HOMEOWNERS ASSOCIATION. PO BOX 476					
275 COOK, KEVIN M & SUZANNE					
277 COOK, WYATT D & LORI				-	
278 CODIEY, SAMC 388 N 600 WEST PLEASANT GROVE UT 84052 279 CORDORE, DAWAYNE & LINDAJ JT 2761 CANYON RD RESANT GROVE UT 84052 280 CORP OF PRES BISHOP CHURCH OF JESUS SO ENORTH TEMPLE 12TH FLOOR SALT LAKE CITY UT 84150 11 COLUCH, ROBERT BRINTON ET AL 39 4 E 300 SOUTH PLEASANT GROVE UT 84062 281 COUNT, LINING DEVELOPMENT ET AL 1045 E 200 NORTH PLEASANT GROVE UT 84062 282 COUNTY LINING DEVELOPMENT ET AL 1056 E 200 NORTH PLEASANT GROVE UT 84062 283 COUNAN, LISA & SAMUEL R JT 1633 N 150 EAST PLEASANT GROVE UT 84062 284 COWGILL, LINE D 1070 N 100 EAST PLEASANT GROVE UT 84062 285 COX, LEWISK & SABA S JT 118 E STATE RD PLEASANT GROVE UT 84062 286 CRANDALL, ARDON S99 SENGNE RAND RD ORAPPE UT 84062 287 CREEKSIDE HOMEOWKERS ASSOCIATION PO BOX 476 OREM UT 84059 288 CREST HOLDING SLC. 49 W 7720 SOUTH MIDVALE UT 84062 290 CROW, JEFFERY O & CASSIE R 2763 N 1450 WEST PLEASANT GROVE UT 84062 291 CULLIMORE, SANDRA V TEE 291 S 100 EAST PLEASANT GROVE UT 84062 292 CULLILLIMORE, SANDRA V TEE 291 S 100 EAST PLEASANT GROVE UT 84062 294 CUMMINIS, SA UMMINIS 295 D & S DEVELOPMENT I LLC ULLIMORE, SANDRA V TEE 291 S 100 EAST PLEASANT GROVE UT 84062 294 CUMMINIS, SOBERT S & LORRIK JT 108 S 1140 EAST UNDON UT 84062 295 D & S DEVELOPMENT I LLC ULLIMORE, SANDRA V TEE 100 EAST PLEASANT GROVE UT 84062 296 CULLIMORE, SANDRA V TEE 100 EAST PLEASANT GROVE UT 84062 297 DALEY, REVER & SHARON L TEE 100 EAST PLEASANT GROVE UT 84062 296 DALLE WARRING ROVE UT 84062 297 DALEY, REVER B SHARON L TEE 100 EAST 100 EAST PLEASANT GROVE UT 84062 297 DALEY, REVER B SHARON L TEE 100 EAST 100 EAST 100 EAST PLEASANT GROVE UT 84062 297 DALEY, REVER B SHARON L TEE 100 EAST	,				
279 CORDNER, DAWANYE & LINDA J. JT					
280 CORP OF PRES BISHOP CHURCH OF JESUS 50 E NORTH TEMPLE 12TH FLOOR \$ALT LAKE CITY UT \$40502 282 COUNTY IVINING DEVELOPMENT ET AL. 1045 E 200 NORTH PLEASANT GROVE UT \$40622 283 COWAN, LISA & SAMUEL R JT 1633 N 150 EAST PLEASANT GROVE UT \$40622 284 COWGILL, JUNE D 1070 N 100 EAST PLEASANT GROVE UT \$40622 285 COUNTY IVINING DEVELOPMENT ET AL. 1057 N 105 E 200 NORTH PLEASANT GROVE UT \$40622 285 COUNTY IVINING DEVELOPMENT ET AL. 1058 N 150 EAST PLEASANT GROVE UT \$40622 285 COUNAN, LISA & SAMUEL R JT 184 E STATE RD PLEASANT GROVE UT \$40622 286 CRANDALL, AARON 287 SENOR BAND RD PLEASANT GROVE UT \$40622 286 CRANDALL, AARON 287 SENOR BAND RD PLEASANT GROVE UT \$40622 288 CREST HOLDINGS LC. 49 W 7720 SOUTH MIDVALE UT \$40047 288 CREST HOLDINGS LC. 49 W 7720 SOUTH MIDVALE UT \$40047 290 CROOKSTON, BETTY JEAN ET AL. 380 N 600 WEST PLEASANT GROVE UT \$40042 290 CROOKSTON, BETTY JEAN ET AL. 380 N 600 WEST PLEASANT GROVE UT \$40042 291 CULLIMORE, SANDRA V TEE 291 S 100 EAST PLEASANT GROVE UT \$40062 292 CULLIMORE, SANDRA V TEE 291 S 100 EAST PLEASANT GROVE UT \$40062 293 CUMMINGS & CUMMINGS LLC 393 N 400 EAST PLEASANT GROVE UT \$40062 294 CUMMINGS, ROBERT S & LORIK JT 148 S 1140 EAST PLEASANT GROVE UT \$40062 295 D &S DEVELOPMENT I LLC 10568 N 5900 WEST HIGHLAND UT \$40062 296 DALE WARBURTON AND MARILYN WA AN INT 195 S 350 NORTH PLEASANT GROVE UT \$40062 297 DALEY, REH & SHARON L TEE 405 S ECENTER ST LINDON UT \$40062 297 DALEY, REH & SHARON L TEE 405 E CENTER ST LINDON UT \$40062 298 DALLIN, PAUL ET AL. 245 E 100 NORTH PLEASANT GROVE UT \$40062 299 DALTON, ORAL T TEE 405 E CENTER ST LINDON UT \$40062 290 DALTON, ORAL T TEE 405 E CENTER ST LINDON UT \$40062 297 DALEY, REHR & SHARON L UT \$40062 297 DALEY, REHR & SHARON L UT \$40062 298 DALLIN, PAUL ET AL. 245 E 100 NORTH PLEASANT GROVE UT \$40062 299 DALTON, ORAL T TEE 405 E CENTER ST LINDON UT \$40062 400 DANIELS, SHORD 400 DANIELS, SHORD 400 DANIE					
281 COUCH, ROBERT BRINTON ET AL. 394 E 300 SOUTH PLEASANT GROVE UT \$4062 282 COUNTY LIVING DEVELOPMENT ET AL. 1045 E 200 NORTH PLEASANT GROVE UT \$4062 283 COWAN, LISA & SAMUEL R. JT 1633 N 150 EAST PLEASANT GROVE UT \$4062 284 COWGILL, JUNE D 1070 N 100 EAST PLEASANT GROVE UT \$4062 285 COX, LEWISK & SARAS S. JT 184 E STATE RD PLEASANT GROVE UT \$4062 286 CRANDALL, AARON 989 SENIOR BAND RD DRAPER UT \$4022 287 CREEKSIDE HOMEOWNERS ASSOCIATION PO BOX 476 OREM UT \$4042 289 CROOKSTON, BETTY JEAN ET AL. \$30 N 600 WEST PLEASANT GROVE UT \$4062 291 CULLIMORE, SANDRA VEREE 291 S 100 EAST PLEASANT GROVE UT \$4062 292 CULLIMORE, SANDRA VERNEE 251 S 100 EAST PLEASANT GROVE UT \$4062 293 CULLIMORE, SANDRA VERNEE 253 S 100 EAST PLEASANT GROVE UT \$4062 294 CUMMINGS, ROUBERT'S & LORRIK JI 148 S 1140 EAST PLEASANT GROVE UT \$4062 295 D & S DEVELOPMENT 1 LLC 10568 N 5900 WEST HIGHLAND UT \$4062 297 DALEY, REY H & SHARON L TEE 408 T 1148 S 1140 EAST UNDON UT \$4062 297 DALEY, REY H & SHARON L TEE 408 LORENTH PLEASANT GROVE UT \$4062 297 DALEY, REY H & SHARON L TEE 408 LORENTH PLEASANT GROVE UT \$4062 297 DALEY, REY H & SHARON L TEE 408 LORENTH PLEASANT GROVE UT \$4062 297 DALEY, REY H & SHARON L TEE 408 LORENTH PLEASANT GROVE UT \$4062 297 DALEY, REY H & SHARON L TEE 408 LORENTH PLEASANT GROVE UT \$4062 300 DANNE, SANDRAY THE 408 LORENTH PLEASANT GROVE UT \$4062 301 DANNE, SANDRAY THE 408 LORENTH PLEASANT GROVE UT \$4062 302 DANNE, SANDRAY THE 408 LORENTH PLEASANT GROVE UT \$4062 303 DANNE, SANDRAY THE 408 LORENTH PLEASANT GROVE UT \$4062 304 DALEY, REY H & SHARON L TEE 408 LORENTH PLEASANT GROVE UT \$4062 305 DAVELEY, REY H & SHARON L TEE 408 LORENTH PLEASANT GROVE UT \$4062 307 DALEY, REY H & SHARON L TEE 408 LORENTH PLEASANT GROVE UT \$4062 308 DALEY, REY H & SHARON L TEE 408 LORENTH PLEASANT GROVE UT \$4062 309 DALEY, REY H & SHARON L TEE 408 LORENTH PLEASANT GROVE UT \$4062 300 DANNE, SHARON UT \$4062 300 DANNE, SHARON UT \$4062 300	,		PLEASANT GROVE	UT	84062
282 COUNTY LIVING DEVELOPMENT ET AL 1045 E 200 NORTH PLEASANT GROVE UT 84062 283 COWAN, LISA & SAMUEL R	280 CORP OF PRES BISHOP CHURCH OF JESUS	50 E NORTH TEMPLE 12TH FLOOR	SALT LAKE CITY	UT	84150
283 COWAN, USA & SAMUEL R	281 COUCH, ROBERT BRINTON ET AL	394 E 300 SOUTH	PLEASANT GROVE	UT	84062
284 COWGILL, JUNE D	282 COUNTY LIVING DEVELOPMENT ET AL	1045 E 200 NORTH	PLEASANT GROVE	UT	84062
285 COX, LEWIS K & SARA S JT	283 COWAN, LISA & SAMUEL R JT	1633 N 150 EAST	PLEASANT GROVE	UT	84062
286 CRANDALL, AARON 989 SENIOR BAND RD ORAPER UT 84020 267 (CREKSIDE HOMEOWNERS ASSOCIATION PD 80 A 476 OREM UT 84059 267 (CREKSIDE HOMEOWNERS ASSOCIATION PD 80 A 476 OREM UT 84059 268 (CREST HOLDINGS L.C. 49 W 7720 SOUTH MIDVALE UT 84062 289 (CROOKSTON, BETTY JEAN ET AL 830 N 600 WEST PLEASANT GROVE UT 84062 291 (CULLIMORE, SANDRA V TEE 291 S 100 EAST PLEASANT GROVE UT 84062 291 (CULLIMORE, SANDRA V TEE 291 S 100 EAST PLEASANT GROVE UT 84062 292 (CULLIMORE, SANDRA V TEE 291 S 100 EAST PLEASANT GROVE UT 84062 293 (CULLIMORE, SANDRA V TEE 291 S 100 EAST PLEASANT GROVE UT 84062 294 (CULLIMORE, SANDRA VERNEE 253 S 100 EAST PLEASANT GROVE UT 84062 294 (CULLIMORE, SANDRA VERNEE 253 S 100 EAST PLEASANT GROVE UT 84062 294 (CULLIMORE, SANDRA VERNEE 253 S 100 EAST PLEASANT GROVE UT 84062 295 (CULLIMORE, SANDRA VERNEE 253 S 100 EAST PLEASANT GROVE UT 84062 295 (CULLIMORE, SANDRA VERNEE 253 S 100 EAST PLEASANT GROVE UT 84062 295 (CULLIMORE, SANDRA VERNEE 253 S 100 EAST PLEASANT GROVE UT 84062 295 (CULLIMORE, SANDRA VERNEE 253 S 100 EAST PLEASANT GROVE UT 84062 295 (CULLIMORE, SANDRA VERNEE 253 S 100 EAST PLEASANT GROVE UT 84062 295 (CULLIMORE, SANDRA VERNEE 253 S 100 EAST PLEASANT GROVE UT 84062 295 (CULLIMORE, SANDRA VERNEE 253 S 100 EAST PLEASANT GROVE UT 84062 297 (CULLIMORE, SANDRA VERNEE 254 S 100 NORTH PLEASANT GROVE UT 84062 297 (CULLIMORE, SANDRA VERNEE 254 S 100 NORTH PLEASANT GROVE UT 840657 (CULLIMORE) SANDRA VERNEE 254 S 100 NORTH PLEASANT GROVE UT 840657 (CULLIMORE) SANDRA VERNEE 254 S 100 NORTH PLEASANT GROVE UT 840657 (CULLIMORE) SANDRA VERNEE 254 S 100 NORTH PLEASANT GROVE UT 840662 200 DANIELS, MICHAEL & BRENDA ET AN INT 743 N HILL AV PASADENA CA 91104 200 DANIELS, MICHAEL & BRENDA ET AN INT 743 N HILL AV PASADENA CA 91104 200 DANIELS, MICHAEL & BRENDA ET AN INT 743 N HILL AV PASADENA CA 91104 200 DANIELS, MICHAEL & BRENDA ET AN INT 743 N HILL AV PASADENA CA 91104 200 DANIELS, MICHAEL & BRENDA ET AN INT 743 N HILL AV PASADENA CA 91104 200 DANIELS, MICHAEL & BRENDA ET AN INT 743 N HILL AV PASADENA CA 91104	284 COWGILL, JUNE D	1070 N 100 EAST	PLEASANT GROVE	UT	84062
286 CRANDALL, AARON 989 SENIOR BAND RD ORAPER UT 84020 267 (CREKSIDE HOMEOWNERS ASSOCIATION PD 80 A 476 OREM UT 84059 267 (CREKSIDE HOMEOWNERS ASSOCIATION PD 80 A 476 OREM UT 84059 268 (CREST HOLDINGS L.C. 49 W 7720 SOUTH MIDVALE UT 84062 289 (CROOKSTON, BETTY JEAN ET AL 830 N 600 WEST PLEASANT GROVE UT 84062 291 (CULLIMORE, SANDRA V TEE 291 S 100 EAST PLEASANT GROVE UT 84062 291 (CULLIMORE, SANDRA V TEE 291 S 100 EAST PLEASANT GROVE UT 84062 292 (CULLIMORE, SANDRA V TEE 291 S 100 EAST PLEASANT GROVE UT 84062 293 (CULLIMORE, SANDRA V TEE 291 S 100 EAST PLEASANT GROVE UT 84062 294 (CULLIMORE, SANDRA VERNEE 253 S 100 EAST PLEASANT GROVE UT 84062 294 (CULLIMORE, SANDRA VERNEE 253 S 100 EAST PLEASANT GROVE UT 84062 294 (CULLIMORE, SANDRA VERNEE 253 S 100 EAST PLEASANT GROVE UT 84062 295 (CULLIMORE, SANDRA VERNEE 253 S 100 EAST PLEASANT GROVE UT 84062 295 (CULLIMORE, SANDRA VERNEE 253 S 100 EAST PLEASANT GROVE UT 84062 295 (CULLIMORE, SANDRA VERNEE 253 S 100 EAST PLEASANT GROVE UT 84062 295 (CULLIMORE, SANDRA VERNEE 253 S 100 EAST PLEASANT GROVE UT 84062 295 (CULLIMORE, SANDRA VERNEE 253 S 100 EAST PLEASANT GROVE UT 84062 295 (CULLIMORE, SANDRA VERNEE 253 S 100 EAST PLEASANT GROVE UT 84062 295 (CULLIMORE, SANDRA VERNEE 253 S 100 EAST PLEASANT GROVE UT 84062 297 (CULLIMORE, SANDRA VERNEE 254 S 100 NORTH PLEASANT GROVE UT 84062 297 (CULLIMORE, SANDRA VERNEE 254 S 100 NORTH PLEASANT GROVE UT 840657 (CULLIMORE) SANDRA VERNEE 254 S 100 NORTH PLEASANT GROVE UT 840657 (CULLIMORE) SANDRA VERNEE 254 S 100 NORTH PLEASANT GROVE UT 840657 (CULLIMORE) SANDRA VERNEE 254 S 100 NORTH PLEASANT GROVE UT 840662 200 DANIELS, MICHAEL & BRENDA ET AN INT 743 N HILL AV PASADENA CA 91104 200 DANIELS, MICHAEL & BRENDA ET AN INT 743 N HILL AV PASADENA CA 91104 200 DANIELS, MICHAEL & BRENDA ET AN INT 743 N HILL AV PASADENA CA 91104 200 DANIELS, MICHAEL & BRENDA ET AN INT 743 N HILL AV PASADENA CA 91104 200 DANIELS, MICHAEL & BRENDA ET AN INT 743 N HILL AV PASADENA CA 91104 200 DANIELS, MICHAEL & BRENDA ET AN INT 743 N HILL AV PASADENA CA 91104	285 COX, LEWIS K & SARA S JT	184 E STATE RD	PLEASANT GROVE	UT	84062
287 CREEKSIDE HOMEOWNERS ASSOCIATION PO BOX 476 OREM UT 84059 288 CROSTON, BETTY JEAN ET AL 830 N 600 WEST PLEASANT GROVE UT 84062 290 CROW, JEFFERY O & CASSIE R 2763 N 1450 WEST PLEASANT GROVE UT 84062 291 CULLIMORE, SANDRA V TEE 291 S 100 EAST PLEASANT GROVE UT 84062 292 CULLIMORE, SANDRA V ERRE 253 S 100 EAST PLEASANT GROVE UT 84062 293 CULMIMORE, SANDRA V ERRE 253 S 100 EAST PLEASANT GROVE UT 84062 294 CULMMINGS, ROBERT S & LORRI K JT 148 S 1140 EAST LINDON UT 84062 294 CUMMINGS, ROBERT S & LORRI K JT 148 S 1140 EAST LINDON UT 84062 295 D & S DEVELOPMENT I LIC 10568 N 5900 WEST HIGHLAND UT 84002 297 DALEY, REX H & SHARON L TEE 463 E CENTER ST LINDON UT 84062 297 DALEY, REX H & SHARON L TEE 1040 N 60 EAST AMERICAN F		989 SENIOR BAND RD	DRAPER	UT	84020
288 CREST HOLDINGS LC. 49 W 7720 SOUTH MIDVALE UT 84047 289 CROOKSTON, BETTY JEAN ET AL 83 0 N 600 WEST PLEASANT GROVE UT 84062 290 CROW, JEFFERY O & CASSIE R 276 S N 1450 WEST PLEASANT GROVE UT 84062 291 CULLIMORE, SANDRA V TEE 291 S 100 EAST PLEASANT GROVE UT 84062 292 CULLIMORE, SANDRA VERNEE 253 S 100 EAST PLEASANT GROVE UT 84062 294 CULMINIOS & CUMMINIOS LIC 935 N 400 EAST PLEASANT GROVE UT 84062 294 CUMMINGS, ROBERT S & LORRIK JT 148 S 1140 EAST LINDON UT 84062 294 DALEWARBURTON AND MARILYN WA AN INT 795 E 350 NORTH PLEASANT GROVE UT 84062 297 DALEY, REX H & SHARON L TEE 463 E CENTER ST LINDON UT 84062 299 DALIN, PAUL ET AL 245 E 100 NORTH OREM UT 84062 299 DALIN, PAUL ET AL 245 E 100 NORTH OREM				UT	
289 CROOKSTON, BETTY JEAN ET AL					
290 CROW, JEFFERY O. & CASSIE R 2763 N 1450 WEST PLEASANT GROVE UT 84062 291 CULLIMORE, SANDRA V TEE 291 5100 EAST PLEASANT GROVE UT 84062 292 CULLIMORE, SANDRA V TEE 293 5100 EAST PLEASANT GROVE UT 84062 293 CUMMINGS, SANDRA V TEE 293 5100 EAST PLEASANT GROVE UT 84062 293 CUMMINGS, ANDRA VERNEE 233 5100 EAST PLEASANT GROVE UT 84062 294 CUMMINGS, ANDRA VERNEE 148 51140 EAST UINDON UT 84062 295 D. & S. DEVELOPMENT I LLC 10568 N. 5900 WEST HIGHLAND UT 84062 295 D. & S. DEVELOPMENT I LLC 10568 N. 5900 WEST HIGHLAND UT 84062 297 DALEY, REX H. & SHARON L TEE 463 E CENTER ST UINDON UT 84062 298 DALEY, REX H. & SHARON L TEE 463 E CENTER ST UINDON UT 84057 298 DALIN, PAUL ET AL 245 E 100 NORTH OREM UT 84057 299 DALTON, ORAL T TEE 1040 N. 60 EAST AMERICAN FORK UT 84063 200 DANA POINT LLC 7611 JORDAN LANDING BLVD WEST JORDAN UT 84062 200 DANA POINT LLC 7611 JORDAN LANDING BLVD WEST JORDAN UT 84062 200 DANIELS, MICHAEL & BRENDA ET AN INT 743 N HILL AV PASADENA CA 91104 200 DANIELS, MICHAEL & BRENDA ET AN INT 743 N HILL AV PASADENA CA 91104 200 DANIELS, MICHAEL & BRENDA ET AN INT 743 N HILL AV PASADENA CA 91104 200 DANIELS, MICHAEL & BRENDA ET AN INT 743 N HILL AV PASADENA CA 91104 200 DANIELS, MICHAEL & BRENDA ET AN INT 743 N HILL AV PASADENA CA 91104 200 DANIELS, MICHAEL & BRENDA ET AN INT 743 N HILL AV PASADENA CA 91104 200 DANIELS, MICHAEL & BRENDA ET AN INT 743 N HILL AV PASADENA CA 91104 200 DANIELS, MICHAEL & BRENDA ET AN INT 743 N HILL AV PASADENA CA 91104 200 DANIELS, MICHAEL & BRENDA ET AN INT 743 N HILL AV PASADENA CA 91104 200 DANIELS, MICHAEL & BRENDA ET AN INT 743 N HILL AV PASADENA CA 91104 200 DANIELS, MICHAEL & BRENDA ET AN INT 743 N HILL AV PASADENA CA 91104 200 DANIELS, MICHAEL & BRENDA MI JT 280 N 100 DANIELS PLEASANT GROVE UT 84062					
CULLIMORE, SANDRA V TEE 291 S 100 EAST					
292 CULLIMORE, SANDRA VERNEE 253 S 100 EAST PLEASANT GROVE UT 84062 293 CUMMINGS & CUMMINGS LLC 935 N 400 EAST PLEASANT GROVE UT 84062 42 CUMMINGS, ROBERT S & LORRI K JT 145 S 1140 EAST LINDON UT 84042 295 D & S DEVELOPMENT 1 LLC 10568 N 5900 WEST HIGHLAND UT 84003 296 D ALE WARBURTON AND MARILYN WA AN INT 795 E 350 NORTH PLEASANT GROVE UT 84062 297 D ALEY, REX H & SHARON L TEE 463 E CENTER ST LINDON UT 84062 297 D ALEY, REX H & SHARON L TEE 463 E CENTER ST LINDON UT 84062 298 D ALLIN, PAUL ET AL 245 E 100 NORTH OREM UT 84057 299 D ALTON, ORAL T TEE 1040 N 60 EAST AMERICAN FORK UT 84063 201 D ANIA POINT LLC 7611 JORDAN LANDING BLVD WEST JORDAN UT 84063 201 D ANIEL, GERRY G & SHERRY S JT 1523 W 80 SOUTH PLEASANT GROVE UT 84062 201 D ANIELS, MICHAEL& BRENDA ET AN INIT 743 N HILL AV PASADENA CA 91104 201 D ANIELS, STEVE 8813 S REDWOOD RD #C-2 WEST JORDAN UT 84062 202 D ANIELS, STEVE 8813 S REDWOOD RD #C-2 WEST JORDAN UT 84062 203 D ANIELS, STEVE 8813 S REDWOOD RD #C-2 WEST JORDAN UT 84062 203 D ANIELS, STEVE 8813 S REDWOOD RD #C-2 WEST JORDAN UT 84062 204 D ANIELS, STEVE 8813 S REDWOOD RD #C-2 WEST JORDAN UT 84062 204 D ANIELS, STEVE 8813 S REDWOOD RD #C-2 WEST JORDAN UT 84062 205 D ANIELS, STEVE 8813 S REDWOOD RD #C-2 WEST JORDAN UT 84062 205 D ANIELS, STEVE 8813 S REDWOOD RD #C-2 WEST JORDAN UT 84062 205 D ANIELS, STEVE 8813 S REDWOOD RD #C-2 WEST JORDAN UT 84062 205 D ANIELS, STEVE 8813 S REDWOOD RD #C-2 WEST JORDAN UT 84062 205 D ANIELS, STEVE 8813 S REDWOOD RD #C-2 WEST JORDAN UT 84062 205 D ANIELS, STEVE 8813 S REDWOOD RD #C-2 WEST JORDAN UT 84062 205 D ANIELS, STEVE 8813 S REDWOOD RD #C-2 WEST JORDAN UT 84062 205 D ANIELS, STEVE 8813 S REDWOOD RD #C-2 WEST JORDAN UT 84062 205 D ANIELS, STEVE STEVE STEVE STEVE STEVE STEVE STEVE			<u> </u>		
293 CUMMINGS & CUMMINGS LIC 935 N 400 EAST PLEASANT GROVE UT 84062 294 CUMMINGS, ROBERT S & LORRI K JT 148 S 1140 EAST LINDON UT 84042 295 D. & S. DEVELOPMENT I LIC 10568 N 5900 WEST HIGHLAND UT 84003 296 DALEW MARBURTON AND MARILYN WA AN INT 795 E 350 NORTH PLEASANT GROVE UT 84062 297 DALEY, REX H & SHARON L TEE 463 E CENTER ST LINDON UT 84042 298 DALLIN, PAUL ET AL 245 E 100 NORTH OREM UT 84057 299 DALTON, ORAL T TEE 1040 N 60 EAST AMERICAN FORK UT 84063 200 DANA POINT LIC 7611 JORDAN LANDING BLVD WEST JORDAN UT 84064 201 DANIEL, GERRY G & SHERRY S JT 1523 W 80 SOUTH PLEASANT GROVE UT 84062 202 DANIELS, STEVE 8813 S REDWOOD RD #C-2 WEST JORDAN UT 84084 203 DANIELS, STEVE 8813 S REDWOOD RD #C-2 WEST JORDAN UT 84086 204 DANIELS, STEVE 8813 S REDWOOD RD #C-2 WEST JORDAN UT 84062 205 DAVENPORT, KRISTEN 576 W 1420 NORTH PLEASANT GROVE UT 84062 205 DAVENPORT, KRISTEN 576 W 1420 NORTH PLEASANT GROVE UT 84062 206 DAVINGE, RUDOLPH 2424 CANYON RD PLEASANT GROVE UT 84062 207 DAVIS, SARON S & MESHA M JT 28 W 1800 NORTH PLEASANT GROVE UT 84062 207 DAVIS, CANCHES TEE 1036 W 2600 NORTH PLEASANT GROVE UT 84062 207 DAVIS, CANCHES TEE 1036 W 2600 NORTH PLEASANT GROVE UT 84062 208 DAVIS, CANCHES TEE 1036 W 2600 NORTH PLEASANT GROVE UT 84062 208 DAVIS, CANCHES TEE 1036 W 2600 NORTH PLEASANT GROVE UT 84062 208 DAVIS, SARON S & MESHA M JT 229 G N 180 WEST PLEASANT GROVE UT 84062 208 DAVIS, SARON S & MESHA M JT 229 G N 180 WEST PLEASANT GROVE UT 84062 208 DAVIS, SARON S & MESHA M JT 229 G N 180 WEST PLEASANT GROVE UT 84062 208 DAVIS, SARON S & MESHA M JT 229 G N 180 WEST PLEASANT GROVE UT 84062 208 DAVIS, SARON S & MESHA M JT 229 G N 180 WEST PLEASANT GROVE UT 84062 208 DAVIS, SARON S & MESHA M JT 229 G N 180 WEST PLEASANT GROVE UT 84062	·		<u> </u>		
294 CUMMINGS, ROBERT S & LORRI K JT				-	
295 D & S DEVELOPMENT 1 LLC 10568 N 5900 WEST HIGHLAND UT 84003 296 DALE WARBURTON AND MARILYN WA AN INT 795 E 350 NORTH PLEASANT GROVE UT 84062 297 DALEY, REX H & SHARON L TEE 463 E CENTER ST LINDON UT 84042 298 DALLIN, PAUL ET AL 245 E 100 NORTH OREM UT 84057 299 DALTON, ORAL T TEE 1040 N 60 EAST AMERICAN FORK UT 84063 300 DANNED, GERRY G & SHERRY S JT 1523 W 80 SOUTH WEST JORDAN UT 84063 20 DANIELS, MICHAEL & BRENDA ET AN INT 743 N HILL AV PASADENA CA 91104 303 DANKELS, STEVE 8813 S REDWOOD RD #C-2 WEST JORDAN UT 84062 205 DAVIELS, MICHAEL & BRENDA ET AN INT 705 N 100 EAST PLEASANT GROVE UT 84062 20 DANIELS, STEVE 8813 S REDWOOD RD #C-2 WEST JORDAN UT 84062 305 DAVIEN, FARISTEN 576 W 1420 NORTH PLEA				-	
DALE WARBURTON AND MARILYN WA AN INT 795 E 350 NORTH PLEASANT GROVE UT 84062			<u> </u>		
297 DALEY, REX H & SHARON L TEE 463 E CENTER ST LINDON UT 84042 298 DALLIN, PAUL ET AL 245 E 100 NORTH OREM UT 84057 299 DALTON, ORAL T TEE 1040 N 60 EAST AMERICAN FORK UT 84063 300 DANA POINT LLC 7611 JORDAN LANDING BLVD WEST JORDAN UT 84084 301 DANIEL, GERRY G & SHERRY S JT 1523 W 80 SOUTH PLEASANT GROVE UT 84062 302 DANIELS, MICHAEL & BRENDA ET AN INT 743 N HILL AV PASADENA CA 91104 303 DANIELS, STEVE 8813 S REDWOOD RD #C-2 WEST JORDAN UT 84062 304 DANKLEF, JAMES A & JUDY A JT 705 N 100 EAST PLEASANT GROVE UT 84062 305 DAVENPORT, KRISTEN 576 W 1420 NORTH PLEASANT GROVE UT 84062 306 DAVIS, GANDON S & MESHA M JT 28 W 1800 NORTH PLEASANT GROVE UT 84062 307 DAVIS, GANGN S & MESHA M JT 28 W 1800 NORTH <td></td> <td></td> <td><u> </u></td> <td></td> <td></td>			<u> </u>		
DALLIN, PAUL ET AL 245 E 100 NORTH OREM UT 84057			<u> </u>	-	
299 DALTON, ORAL T TEE 1040 N 60 EAST AMERICAN FORK UT 84003	297 DALEY, REX H & SHARON L TEE	463 E CENTER ST	LINDON	UT	84042
DANA POINT LLC 7611 JORDAN LANDING BLVD WEST JORDAN UT 84084	298 DALLIN, PAUL ET AL	245 E 100 NORTH	OREM	UT	84057
DANIEL, GERRY G & SHERRY S	299 DALTON, ORAL T TEE	1040 N 60 EAST	AMERICAN FORK	UT	84003
302 DANIELS, MICHAEL & BRENDA ET AN INT 743 N HILL AV PASADENA CA 91104 303 DANIELS, STEVE 8813 S REDWOOD RD #C-2 WEST JORDAN UT 84088 304 DANKLEF, JAMES A & JUDY A JT 705 N 100 EAST PLEASANT GROVE UT 84062 305 DAVENPORT, KRISTEN 576 W 1420 NORTH PLEASANT GROVE UT 84062 306 DAVIDGE, RUDOLPH 2424 CANYON RD PLEASANT GROVE UT 84062 307 DAVIS, AARON S & MESHA M JT 28 W 1800 NORTH PLEASANT GROVE UT 84062 308 DAVIS, CONNIE S TEE 1036 W 2600 NORTH PLEASANT GROVE UT 84062 309 DAVIS, GAYLE N & LORRAINE S 1289 N 1300 WEST PLEASANT GROVE UT 84062 310 DAVIS, JIM ET AL 1/2INT 2296 N 180 WEST PLEASANT GROVE UT 84062 311 DAVIS, MARK 758 S 400 EAST OREM UT 84062 312 DAVIS, SHIRL B TEE 1342 E 1000 SOUTH PLEASANT GROVE<	300 DANA POINT LLC	7611 JORDAN LANDING BLVD	WEST JORDAN	UT	84084
303 DANIELS, STEVE 8813 S REDWOOD RD #C-2 WEST JORDAN UT 84088	301 DANIEL, GERRY G & SHERRY S JT	1523 W 80 SOUTH	PLEASANT GROVE	UT	84062
304 DANKLEF, JAMES A & JUDY A JT 705 N 100 EAST PLEASANT GROVE UT 84062 305 DAVENPORT, KRISTEN 576 W 1420 NORTH PLEASANT GROVE UT 84062 306 DAVIDGE, RUDOLPH 2424 CANYON RD PLEASANT GROVE UT 84062 307 DAVIS, AARON S & MESHA M JT 28 W 1800 NORTH PLEASANT GROVE UT 84062 308 DAVIS, CONNIE S TEE 1036 W 2600 NORTH PLEASANT GROVE UT 84062 309 DAVIS, GAYLE N & LORRAINE S 1289 N 1300 WEST PLEASANT GROVE UT 84062 310 DAVIS, JIM ET AL 1/2INT 2296 N 180 WEST PLEASANT GROVE UT 84062 311 DAVIS, MARK 758 S 400 EAST OREM UT 84062 312 DAVIS, RONALD L & SUZETTE B JT 2873 N 900 WEST PLEASANT GROVE UT 84062 313 DAVIS, SHIRL B TEE 1342 E 1000 SOUTH PLEASANT GROVE UT 84062 314 DAVIS, TONI KAY 483 N 1300 WES	302 DANIELS, MICHAEL & BRENDA ET AN INT	743 N HILL AV	PASADENA	CA	91104
304 DANKLEF, JAMES A & JUDY A JT 705 N 100 EAST PLEASANT GROVE UT 84062 305 DAVENPORT, KRISTEN 576 W 1420 NORTH PLEASANT GROVE UT 84062 306 DAVIDGE, RUDOLPH 2424 CANYON RD PLEASANT GROVE UT 84062 307 DAVIS, AARON S & MESHA M JT 28 W 1800 NORTH PLEASANT GROVE UT 84062 308 DAVIS, CONNIE S TEE 1036 W 2600 NORTH PLEASANT GROVE UT 84062 309 DAVIS, GAYLE N & LORRAINE S 1289 N 1300 WEST PLEASANT GROVE UT 84062 310 DAVIS, JIM ET AL 1/2INT 2296 N 180 WEST PLEASANT GROVE UT 84062 311 DAVIS, MARK 758 S 400 EAST OREM UT 84062 312 DAVIS, RONALD L & SUZETTE B JT 2873 N 900 WEST PLEASANT GROVE UT 84062 313 DAVIS, SHIRL B TEE 1342 E 1000 SOUTH PLEASANT GROVE UT 84062 314 DAVIS, TONI KAY 483 N 1300 WES	303 DANIELS, STEVE	8813 S REDWOOD RD #C-2	WEST JORDAN	UT	84088
305 DAVENPORT, KRISTEN 576 W 1420 NORTH PLEASANT GROVE UT 84062 306 DAVIDGE, RUDOLPH 2424 CANYON RD PLEASANT GROVE UT 84062 307 DAVIS, AARON S & MESHA M JT 28 W 1800 NORTH PLEASANT GROVE UT 84062 308 DAVIS, CONNIE S TEE 1036 W 2600 NORTH PLEASANT GROVE UT 84062 309 DAVIS, GAYLE N & LORRAINE S 1289 N 1300 WEST PLEASANT GROVE UT 84062 310 DAVIS, JIM ET AL 1/2INT 2296 N 180 WEST PLEASANT GROVE UT 84062 311 DAVIS, MARK 758 S 400 EAST OREM UT 84062 312 DAVIS, RONALD L & SUZETTE B JT 2873 N 900 WEST PLEASANT GROVE UT 84062 313 DAVIS, SHIRL B TEE 1342 E 1000 SOUTH PLEASANT GROVE UT 84062 314 DAVIS, TONI KAY 483 N 1300 WEST PLEASANT GROVE UT 84062 315 DAY, DONALD E & ELLA R JT 1472 RENAISSANCE	304 DANKLEF, JAMES A & JUDY A JT	705 N 100 EAST	PLEASANT GROVE	UT	84062
306 DAVIDGE, RUDOLPH 2424 CANYON RD PLEASANT GROVE UT 84062 307 DAVIS, AARON S & MESHA M JT 28 W 1800 NORTH PLEASANT GROVE UT 84062 308 DAVIS, CONNIE S TEE 1036 W 2600 NORTH PLEASANT GROVE UT 84062 309 DAVIS, GAYLE N & LORRAINE S 1289 N 1300 WEST PLEASANT GROVE UT 84062 310 DAVIS, JIM ET AL 1/2INT 2296 N 180 WEST PLEASANT GROVE UT 84062 311 DAVIS, MARK 758 S 400 EAST OREM UT 84062 312 DAVIS, RONALD L & SUZETTE B JT 2873 N 900 WEST PLEASANT GROVE UT 84062 313 DAVIS, SHIRL B TEE 1342 E 1000 SOUTH PLEASANT GROVE UT 84062 314 DAVIS, TONI KAY 483 N 1300 WEST PLEASANT GROVE UT 84062 315 DAY, DONALD E & ELLA R JT 1472 RENAISSANCE PL PLEASANT GROVE UT 84062 316 DAY, LEONA WOOTEN 1422 N 230 WEST OREM UT 84062 318 DBT PROPERTIES LC 501 S MAIN ST	-			UT	84062
307 DAVIS, AARON S & MESHA M JT 28 W 1800 NORTH PLEASANT GROVE UT 84062 308 DAVIS, CONNIE S TEE 1036 W 2600 NORTH PLEASANT GROVE UT 84062 309 DAVIS, GAYLE N & LORRAINE S 1289 N 1300 WEST PLEASANT GROVE UT 84062 310 DAVIS, JIM ET AL 1/2INT 2296 N 180 WEST PLEASANT GROVE UT 84062 311 DAVIS, MARK 758 S 400 EAST OREM UT 84097 312 DAVIS, RONALD L & SUZETTE B JT 2873 N 900 WEST PLEASANT GROVE UT 84062 313 DAVIS, SHIRL B TEE 1342 E 1000 SOUTH PLEASANT GROVE UT 84062 314 DAVIS, TONI KAY 483 N 1300 WEST PLEASANT GROVE UT 84062 315 DAY, DONALD E & ELLA R JT 1472 RENAISSANCE PL PLEASANT GROVE UT 84062 316 DAY, LEONA WOOTEN 1422 N 230 WEST OREM UT 84052 318 DBT PROPERTIES LC 501 S MAIN ST				_	
308 DAVIS, CONNIE S TEE 1036 W 2600 NORTH PLEASANT GROVE UT 84062 309 DAVIS, GAYLE N & LORRAINE S 1289 N 1300 WEST PLEASANT GROVE UT 84062 310 DAVIS, JIM ET AL 1/2INT 2296 N 180 WEST PLEASANT GROVE UT 84062 311 DAVIS, MARK 758 S 400 EAST OREM UT 84062 312 DAVIS, RONALD L & SUZETTE B JT 2873 N 900 WEST PLEASANT GROVE UT 84062 313 DAVIS, SHIRL B TEE 1342 E 1000 SOUTH PLEASANT GROVE UT 84062 314 DAVIS, TONI KAY 483 N 1300 WEST PLEASANT GROVE UT 84062 315 DAY, DONALD E & ELLA R JT 1472 RENAISSANCE PL PLEASANT GROVE UT 84062 316 DAY, LEONA WOOTEN 1422 N 230 WEST OREM UT 84052 318 DBT PROPERTIES LC 501 S MAIN ST PLEASANT GROVE UT 84062 319 DCW PROPERTIES LLC 322 S 700 WEST PLEASANT GROVE <td></td> <td></td> <td></td> <td></td> <td></td>					
309 DAVIS, GAYLE N & LORRAINE S 1289 N 1300 WEST PLEASANT GROVE UT 84062 310 DAVIS, JIM ET AL 1/2INT 2296 N 180 WEST PLEASANT GROVE UT 84062 311 DAVIS, MARK 758 S 400 EAST OREM UT 84097 312 DAVIS, RONALD L & SUZETTE B JT 2873 N 900 WEST PLEASANT GROVE UT 84062 313 DAVIS, SHIRL B TEE 1342 E 1000 SOUTH PLEASANT GROVE UT 84062 314 DAVIS, TONI KAY 483 N 1300 WEST PLEASANT GROVE UT 84062 315 DAY, DONALD E & ELLA R JT 1472 RENAISSANCE PL PLEASANT GROVE UT 84062 316 DAY, LEONA WOOTEN 1422 N 230 WEST OREM UT 84057 317 DBT PROPERTIES L C PO BOX 746 PLEASANT GROVE UT 84062 318 DBT PROPERTIES LC 501 S MAIN ST PLEASANT GROVE UT 84062 319 DCW PROPERTIES LLC 322 S 700 WEST PLEASANT GROVE UT 84062	•				
310 DAVIS, JIM ET AL 1/2INT 2296 N 180 WEST PLEASANT GROVE UT 84062 311 DAVIS, MARK 758 S 400 EAST OREM UT 84097 312 DAVIS, RONALD L & SUZETTE B JT 2873 N 900 WEST PLEASANT GROVE UT 84062 313 DAVIS, SHIRL B TEE 1342 E 1000 SOUTH PLEASANT GROVE UT 84062 314 DAVIS, TONI KAY 483 N 1300 WEST PLEASANT GROVE UT 84062 315 DAY, DONALD E & ELLA R JT 1472 RENAISSANCE PL PLEASANT GROVE UT 84062 316 DAY, LEONA WOOTEN 1422 N 230 WEST OREM UT 84057 317 DBT PROPERTIES L C PO BOX 746 PLEASANT GROVE UT 84062 318 DBT PROPERTIES LC 501 S MAIN ST PLEASANT GROVE UT 84062 319 DCW PROPERTIES LLC 322 S 700 WEST PLEASANT GROVE UT 84062			<u> </u>		
311 DAVIS, MARK 758 S 400 EAST OREM UT 84097 312 DAVIS, RONALD L & SUZETTE B JT 2873 N 900 WEST PLEASANT GROVE UT 84062 313 DAVIS, SHIRL B TEE 1342 E 1000 SOUTH PLEASANT GROVE UT 84062 314 DAVIS, TONI KAY 483 N 1300 WEST PLEASANT GROVE UT 84062 315 DAY, DONALD E & ELLA R JT 1472 RENAISSANCE PL PLEASANT GROVE UT 84062 316 DAY, LEONA WOOTEN 1422 N 230 WEST OREM UT 84057 317 DBT PROPERTIES L C PO BOX 746 PLEASANT GROVE UT 84062 318 DBT PROPERTIES LC 501 S MAIN ST PLEASANT GROVE UT 84062 319 DCW PROPERTIES LLC 322 S 700 WEST PLEASANT GROVE UT 84062				-	
312 DAVIS, RONALD L & SUZETTE B JT 2873 N 900 WEST PLEASANT GROVE UT 84062 313 DAVIS, SHIRL B TEE 1342 E 1000 SOUTH PLEASANT GROVE UT 84062 314 DAYIS, TONI KAY 483 N 1300 WEST PLEASANT GROVE UT 84062 315 DAY, DONALD E & ELLA R JT 1472 RENAISSANCE PL PLEASANT GROVE UT 84062 316 DAY, LEONA WOOTEN 1422 N 230 WEST OREM UT 84057 317 DBT PROPERTIES L C PO BOX 746 PLEASANT GROVE UT 84062 318 DBT PROPERTIES LC 501 S MAIN ST PLEASANT GROVE UT 84062 319 DCW PROPERTIES LLC 322 S 700 WEST PLEASANT GROVE UT 84062					
313 DAVIS, SHIRL B TEE 1342 E 1000 SOUTH PLEASANT GROVE UT 84062 314 DAVIS, TONI KAY 483 N 1300 WEST PLEASANT GROVE UT 84062 315 DAY, DONALD E & ELLA R JT 1472 RENAISSANCE PL PLEASANT GROVE UT 84062 316 DAY, LEONA WOOTEN 1422 N 230 WEST OREM UT 84057 317 DBT PROPERTIES L C PO BOX 746 PLEASANT GROVE UT 84062 318 DBT PROPERTIES LC 501 S MAIN ST PLEASANT GROVE UT 84062 319 DCW PROPERTIES LLC 322 S 700 WEST PLEASANT GROVE UT 84062					
314 DAVIS, TONI KAY 483 N 1300 WEST PLEASANT GROVE UT 84062 315 DAY, DONALD E & ELLA R JT 1472 RENAISSANCE PL PLEASANT GROVE UT 84062 316 DAY, LEONA WOOTEN 1422 N 230 WEST OREM UT 84057 317 DBT PROPERTIES L C PO BOX 746 PLEASANT GROVE UT 84062 318 DBT PROPERTIES LC 501 S MAIN ST PLEASANT GROVE UT 84062 319 DCW PROPERTIES LLC 322 S 700 WEST PLEASANT GROVE UT 84062					
315 DAY, DONALD E & ELLA R JT 1472 RENAISSANCE PL PLEASANT GROVE UT 84062 316 DAY, LEONA WOOTEN 1422 N 230 WEST OREM UT 84057 317 DBT PROPERTIES L C PO BOX 746 PLEASANT GROVE UT 84062 318 DBT PROPERTIES LC 501 S MAIN ST PLEASANT GROVE UT 84062 319 DCW PROPERTIES LLC 322 S 700 WEST PLEASANT GROVE UT 84062				-	
316 DAY, LEONA WOOTEN 1422 N 230 WEST OREM UT 84057 317 DBT PROPERTIES L C PO BOX 746 PLEASANT GROVE UT 84062 318 DBT PROPERTIES LC 501 S MAIN ST PLEASANT GROVE UT 84062 319 DCW PROPERTIES LLC 322 S 700 WEST PLEASANT GROVE UT 84062					
317 DBT PROPERTIES L C PO BOX 746 PLEASANT GROVE UT 84062 318 DBT PROPERTIES L C 501 S MAIN ST PLEASANT GROVE UT 84062 319 DCW PROPERTIES LL C 322 S 700 WEST PLEASANT GROVE UT 84062				-	
318 DBT PROPERTIES LC 501 S MAIN ST PLEASANT GROVE UT 84062 319 DCW PROPERTIES LLC 322 S 700 WEST PLEASANT GROVE UT 84062				-	
319 DCW PROPERTIES LLC 322 S 700 WEST PLEASANT GROVE UT 84062				-	
				-	
320 DE GROFF, ROSS D & MARY K JT 799 N 400 WEST LINDON UT 84042				-	
	320 DE GROFF, ROSS D & MARY K JT	799 N 400 WEST	LINDON	UT	84042

224 DE DOECT LAMADENICE MA O EDNIA D IT	225C N 4200 W/5CT	DI FACANT CDOVE	Tu= I	0.4062
321 DE ROEST, LAWRENCE M & EDNA P JT	2356 N 1300 WEST	PLEASANT GROVE	UT	84062
322 DE VINCENT DEVELOPMENT LLC	1121 E 580 NORTH CIR	AMERICAN FORK	UT	84003
323 DEEGAN, DAVID A & SUSAN K JT	255 S 930 WEST	PLEASANT GROVE	UT	84062
324 DEEGAN, JACOB C	792 N 350 WEST	LINDON	UT	84042
325 DEEP CREEK PROPERTIES INCORPORATED	1084 E PACIFIC DR	AMERICAN FORK	UT	84003
326 DEMILLE, STEVEN D & LYNDA D JT	918 N 1420 WEST	PLEASANT GROVE	UT	84062
327 DENBOER, TYLER D & ALLISON JT	511 N 1300 WEST	PLEASANT GROVE	UT	84062
328 DENTON, MARYLYN S	778 N 40 EAST	LINDON	UT	84042
329 DEWITT, BRENT & MICHELLE JT	7005 WOLF RUN SHOALS RD	FAIRFAX STATION	VA	22039
330 DIMOND, DAVID H & JUDY W JT	9486 N 4000 WEST	CEDAR HILLS	UT	84062
331 DINEHART, JORDAN & LAURENE JT	293 E 1640 NORTH	PLEASANT GROVE	UT	84062
332 DIXON, TIMMOTHY H & MELISSA JT	948 E MURDOCK DR	PLEASANT GROVE	UT	84062
333 DMA 459 LLC	3658 N RANCHO DR		NV	89130
		LAS VEGAS	ID	
334 DMB INVESTMENT LLC	250 BEECHWOOD DR #120	BOISE		83709
335 DOERSCHLER, CAM R & DONNIE L JT	10 MOHAWK AV	CORTE MADERA	CA	94925
336 DOYLE, NYLE & COLEEN TEE	1225 W 2600 NORTH	PLEASANT GROVE	UT	84062
337 DOYLE, PAUL D & MARY A ET AL	879 E 200 SOUTH	PLEASANT GROVE	UT	84062
338 DRAKE, DENNIS H & PHYLLIS M JT	1250 N 1300 WEST	PLEASANT GROVE	UT	84062
339 DRANEY, CYRIL L & JEAN M	3132 CANYON RD	PLEASANT GROVE	UT	84062
340 DRYER, RYAN S & MINDY H JT	412 E 420 SOUTH	PLEASANT GROVE	UT	84062
341 DU PREEZ, ANTHONY J	321 W 2660 NORTH	LEHI	UT	84043
342 DUCKETT, DUSTIN & ARIANNE JT	758 S 400 EAST	OREM	UT	84097
343 DUJARDIN, DANA	9456 CANYON HEIGHTS DR	CEDAR HILLS	UT	84062
344 DUNCAN, ROSETTA M TEE	1173 E 1000 SOUTH	PLEASANT GROVE	UT	84062
345 DUNN, ERIC P & KIMBERLY JT	1116 W 3540 NORTH	PLEASANT GROVE	UT	84062
		PLEASANT GROVE	UT	84062
346 DURRANT, MICHAEL J	45 SMITH LN			
347 EAST TEMPLE VIEW LLC	607 CAMDEN PARK LN	DRAPER	UT	84020
348 EBS PROPERTIES L.C.	65 N 100 EAST	PLEASANT GROVE	UT	84062
349 EDMONDS, RONALD D & DEBRA A JT	562 GLENDON WAY	PLEASANT GROVE	UT	84062
350 EDVALSON, BETH SMITH TEE	975 N 600 WEST	PLEASANT GROVE	UT	84062
351 EDWARDS, JOSH & KRISTY JT	769 E 200 SOUTH	PLEASANT GROVE	UT	84062
352 EDWARDS, WILLIAM F & CHERYL W JT	522 W 2900 NORTH	PLEASANT GROVE	UT	84062
353 EGBERT, DENNIS W & MARGARET B JT	3365 N MAHOGANY DR	PLEASANT GROVE	UT	84062
354 EKINS, STANFORD R & EVETTA F TIC	9430 CANYON RD	PLEASANT GROVE	UT	84062
355 ELDRIDGE, MARILYN L	389 W 800 NORTH	LINDON	UT	84042
356 ELGUETA, JEORGE A ET AL	587 E 1000 SOUTH	PLEASANT GROVE	UT	84062
357 ELK RIDGE DEVELOPMENT INC	7847 PHEASANT WOOD DR	SANDY	UT	84093
358 ELLIOTT, MURIEL M	3881 W 9600 NORTH	PLEASANT GROVE	UT	84062
359 ELLIS, PRESTON C & LYNETTE JT			UT	84062
	1411 W 2010 NORTH	PLEASANT GROVE	UT	
360 ELLISON, NATHAN & BRIANNE JT	1703 W 1060 NORTH	PLEASANT GROVE	+	84062
361 ENOCH, JOSH C & NICHOLE JT	1497 W 80 SOUTH	PLEASANT GROVE	UT	84062
362 ERICKSEN, ALLEN CLEMENTS	675 S 50 WEST	PLEASANT GROVE	UT	84062
363 ESCALANTE, ADRIAN	1475 E MURDOCK DR	PLEASANT GROVE	UT	84062
364 EVANS, CLARK B & SUSANN S JT	128 N 200 EAST	OREM	UT	84057
365 EVANS, CLARK B & SUSANN S ET TEE	752 N LOCUST AV	PLEASANT GROVE	UT	84062
366 EVANS, KEITH C & CLARK B ET A TEE	702 E 990 SOUTH	PLEASANT GROVE	UT	84062
367 EVANS, MATTHEW	175 N 1630 WEST	PLEASANT GROVE	UT	84062
368 EVERINGHAM, BRUCE & LAURA JT	1403 E 1000 SOUTH	PLEASANT GROVE	UT	84062
369 EWELL, AARON K & ANISA A JT	1685 W 1100 NORTH	PLEASANT GROVE	UT	84062
370 EWELL, MERRILL R & ALTA H TEE	1475 W 1100 NORTH	PLEASANT GROVE	UT	84062
371 FAMILY FIRST FEDERAL CREDIT UNION	175 E 200 SOUTH	OREM	UT	84058
372 FARNSWORTH, W DAVID & SHAWNA JT	1905 N 600 WEST	PLEASANT GROVE	UT	84062
·	680 W 1800 NORTH	+		
373 FAUX, CRAIG & SUSAN K JT		PLEASANT GROVE	UT	84062
374 FAUX, DAVID M & DORA C TEE	676 E 900 SOUTH	PLEASANT GROVE	UT	84062
375 FENTON, BOYD D & SHELLEY W JT	1914 N 1300 WEST	PLEASANT GROVE	UT	84062
376 FERRIS, KENNETH R & SUSAN JT	1205 N 1300 WEST	PLEASANT GROVE	UT	84062
377 FIDELITY FUNDING COMPANY	53 W ANGELO AV	SALT LAKE CITY	UT	84115
378 FINCH, TERI L	682 E 900 SOUTH	PLEASANT GROVE	UT	84062
379 FINLAYSON, MERRILL P & GENEAL JT	1044 N 1300 WEST	PLEASANT GROVE	UT	84062
380 FIRMAGE GROVE LC	4700 S STATE ST	SALT LAKE CITY	UT	84107
381 FLADELAND, MARLYS M	PO BOX 806	PLEASANT GROVE	UT	84062
382 FLAKE, NANCY J	1783 W 1100 NORTH	PLEASANT GROVE	UT	84062
383 FLANARY, SHAWN R & SHERYL A JT	2774 N 100 EAST	PLEASANT GROVE	UT	84062
384 FLATT, CATHLEEN M & MARVIN A TEE	1100 E 40 NORTH	OREM	UT	84097
385 FLINDERS, DAVID W & LISA L JT	482 W 3300 NORTH	PLEASANT GROVE	UT	84062
JOS I LINDLING, DAVID W & LISAL JI	702 W 3300 WONIII	I TENSMINI GUOVE	U I	04002

200 FLINDEDS NEW LO TOAN D. TEE	4226 N 000 WEST	DI FACANT CDOVE	Lut	04063
386 FLINDERS, NEIL J & JOAN D TEE	4326 N 900 WEST	PLEASANT GROVE	UT	84062
387 FOOTE, ELWOOD E & NELDA I ET TEE	1067 W 1800 NORTH	PLEASANT GROVE	UT	84062
388 FORDHAM, TODD C & LORI JT	815 N 600 WEST	PLEASANT GROVE	UT	84062
389 FOUNDATIONS INSURANCE INC	63 E STATE RD	PLEASANT GROVE	UT	84062
390 FOWLER, RICKIE J & CLAUDETTE JT	1068 W 1800 NORTH	PLEASANT GROVE	UT	84062
391 FOWLES, BARBARA N TEE	442 N 600 EAST	PLEASANT GROVE	UT	84062
392 FOX, KYLE C	576 W 2600 NORTH	PLEASANT GROVE	UT	84062
393 FOX, WADE & KAYLEE JT	3905 N 900 WEST	PLEASANT GROVE	UT	84062
394 FRAME, SUSAN & CRAIG JT	2551 N 860 WEST	PLEASANT GROVE	UT	84062
395 FRANDSEN, STEVEN R	370 W 900 NORTH	PLEASANT GROVE	UT	84062
396 FRANK, LOUIS J & DONNA J JT	PO BOX 991	PLEASANT GROVE	UT	84062
397 FRATERNAL ORDER OF EAGLES PL GR ARIE	220 N 600 WEST	PLEASANT GROVE	UT	84062
398 FREE FAMILY LIMITED PARTNERSHIP			UT	84062
	28 N 100 EAST	PLEASANT GROVE	UT	+
399 FREE, W DUANE	2316 N 600 WEST	PLEASANT GROVE		84062
400 FREEBIRD GROUP INVESTMENTS L C	1121 GROVE CREEK DR	PLEASANT GROVE	UT	84062
401 FREEMAN, JOHN J & ANITA JT	855 W 1800 NORTH	PLEASANT GROVE	UT	84062
402 FREEMAN, LESTER R & NEVA TEE	801 W 1800 NORTH	PLEASANT GROVE	UT	84062
403 FREEMAN, MATTHEW C	1287 W 50 NORTH	PLEASANT GROVE	UT	84062
404 FREEMAN, SAMUEL R & JOLENE JT	829 W 1800 NORTH	PLEASANT GROVE	UT	84062
405 FRISBEE, JEANE L & GERALD	246 S 100 EAST	PLEASANT GROVE	UT	84062
406 FRYER, BRAD	2702 N 900 WEST	PLEASANT GROVE	UT	84062
407 FRYER, KENNETH L & JOAN H ET TEE	624 E 500 NORTH	OREM	UT	84097
408 FUGAL, GUY L & PAULA G	590 W 1100 NORTH	PLEASANT GROVE	UT	84062
409 FUGAL, JOHN P & JENS P TEE	390 N MAIN ST	LINDON	UT	84042
410 FUGAL, JOSEPH M & JOAN V JT	1373 N 100 EAST	PLEASANT GROVE	UT	84062
		PROVO	UT	84602
411 FULLMER, JAMES ET AL	1590 N 300 WEST			+
412 G & G INVESTMENTS L.C.	5451 W 10180 NORTH	HIGHLAND	UT	84003
413 GAGON, JOSEPH A ET AL	1580 E MURDOCK DR	PLEASANT GROVE	UT	84062
414 GARCIA, ROGELIO & ANA M JT	9788 CANYON RD	PLEASANT GROVE	UT	84062
415 GARDBROS LLC	2836 EDGEMONT DR	HENDERSON	NV	89074
416 GARFIELD, JEFFREY	4251 CANYON RD	PLEASANT GROVE	UT	84062
417 GARN, CLARK W & JANET H JT	407 N STATE ST	MORGAN	UT	84050
418 GARNER, GARY M & SHERYL L JT	1594 W 3300 NORTH	PLEASANT GROVE	UT	84062
419 GARNER, LAVAL F & ROSE P JT	984 S 1320 EAST	PLEASANT GROVE	UT	84062
420 GATEWAY FARMS PLEASANT GROVE LLC	1067 W JERLING	HIGHLAND	UT	84003
421 GDJ PROPERTIES LLC	754 W 700 SOUTH	PLEASANT GROVE	UT	84062
422 GENERAL CONSTRUCTION AND DEVELOPMENT	1642 W 10 SOUTH	PLEASANT GROVE	UT	84062
423 GENERAL CONSTRUCTION AND DEVELOPMENT	3214 N UNIVERSITY AV #605	PROVO	UT	84604
424 GENERAL CONSTRUCTION AND DEVELOPMENT	1646 W 10 SOUTH	PLEASANT GROVE	UT	84062
			UT	+
425 GENERAL CONSTRUCTION AND DEVELOPMENT	1634 W 10 SOUTH	PLEASANT GROVE		84062
426 GIBB, DAVID R & DIAN JT	338 W 2600 NORTH	PLEASANT GROVE	UT	84062
427 GIBBY, ERIC A & NATALIE M JT	916 W 260 SOUTH	PLEASANT GROVE	UT	84062
428 GIBSON, TIMOTHY A & ANNETTE L JT	970 N 100 EAST	PLEASANT GROVE	UT	84062
429 GIFFORD, BRENN K & ZULY C JT	649 E 1000 SOUTH	PLEASANT GROVE	UT	84062
430 GIFFORD, CAROL LYN	747 W 1920 NORTH	PLEASANT GROVE	UT	84062
431 GIFFORD, DAVID O	600 PONDEROSA DR	ALPINE	UT	84004
432 GIFFORD, N PAUL	366 S BENCH RD	ALPINE	UT	84004
433 GILES, VERNON	903 E ROUTE 66 #D	GLENDORA	CA	91740
434 GILLMAN, JULIE A	468 W 2600 NORTH	PLEASANT GROVE	UT	84062
435 GIRARD, NANCY S	725 W 4430 NORTH	PLEASANT GROVE	UT	84062
436 GIRARD, NORMA F ET AL	790 N 400 WEST	LINDON	UT	84042
437 GLOBAL COATINGS INC	PO BOX 338	PLEASANT GROVE	UT	84062
438 GODFREY, GARY J & MARY F JT	1180 N 1300 WEST	PLEASANT GROVE	UT	84062
-			_	
439 GONZALES, RONALD F & EILEEN W JT	410 N 800 EAST	PLEASANT GROVE	UT	84062
440 GOODMAN, JOHN M & VICKI C JT	500 E 200 SOUTH	PLEASANT GROVE	UT	84062
441 GOODMAN, JOLYNNE & MARK	1750 N 100 EAST	PLEASANT GROVE	UT	84062
442 GOODRICH, ERIC & HEIDI JT	9314 CANYON RD	CEDAR HILLS	UT	84062
443 GOODWILL, JOHN & SUSAN	79 N 1620 WEST	PLEASANT GROVE	UT	84062
444 GOODWIN, BRUCE L & VERA C JT	107 S 1300 WEST	PLEASANT GROVE	UT	84062
445 GORDON, KEN D & LINDA E JT	4026 CENTENNIAL	CEDAR HILLS	UT	84062
446 GOTCHER, DAVID M & AMY M JT	2007 TUSCANY WAY	PLEASANT GROVE	UT	84062
447 GRAHAM, W F & EULA B	1375 W 1100 NORTH	PLEASANT GROVE	UT	84062
448 GRAN CAMPBELL ENTERPRISES LLC ET AL	87 W 560 SOUTH	OREM	UT	84058
449 GRANTHAM, JERRY K & STACI L JT	1347 N MANILA CT	PLEASANT GROVE	UT	84062
450 GREBE, VICKI D & BRANDON ET AL	2146 N 1300 WEST	PLEASANT GROVE	UT	84062
TOO ONLDE, VICKI D & DIVANDON ET AL	2140 IA 1200 AAF21	I LLAJANI GNOVE	01	04002

451 GREEN GROVE APARTMENTS LIMITED PARTN	1127 GROVE CREEK DR	PLEASANT GROVE	UT	84062
452 GREEN, KENDALL T & MARJORIE JT	1560 E MURDOCK DR	PLEASANT GROVE	UT	84062
453 GREENFIELD INVESTMENTS LC	PO BOX 1239	OREM	UT	84059
454 GRIFFITH, LANE F ET AL	424 N 2000 WEST	PLEASANT GROVE	UT	84062
455 GROVE BUSINESS CENTER I LLC	845 OAK GROVE AV #210	FARMINGTON	UT	84025
456 GROVER, DANIEL R & JENNI L JT	1484 E 1000 SOUTH	PLEASANT GROVE	UT	84062
457 GUERNSEY, MILDRED B TEE	840 GROVE CREEK DR	PLEASANT GROVE	UT	84062
458 HACIENDA PROPERTIES LIMITED PARTNERS	PO BOX 6629	ORANGE	CA	92863
459 HACK, RONALD L & GINGER TEE	465 E 1000 SOUTH	PLEASANT GROVE	UT	84062
460 HADERLIE, BRETT F & BELINDA	8319 E PORTOBELLO AV	MESA	AZ	85212
461 HAILSTONE, MATTHEW D & HEIDI JT	1023 W 500 NORTH	PLEASANT GROVE	UT	84062
462 HAIR, DALE & MARY TEE	205 E STATE RD	PLEASANT GROVE	UT	84062
463 HAIR, DALE W & MARY W TEE	524 N 950 EAST	OREM	UT	84097
464 HALDIMAN, JEFFREY M & DIANE L JT	490 N 100 EAST	PLEASANT GROVE	UT	84062
465 HALECK, JARED C & EMILY JT	1529 W 80 SOUTH	PLEASANT GROVE	UT	84062
466 HALES, EDWARD	79 E 700 SOUTH	PLEASANT GROVE	UT	84062
467 HALL, JOEL S & JOYCE A JT	1176 W 2100 NORTH	PLEASANT GROVE	UT	84062
468 HALL, MACK R & LESLIE B JT	1990 N 1300 WEST	PLEASANT GROVE	UT	84062
469 HALL, PHILLIP M & MARY-JO JT	4407 CANYON RD	PLEASANT GROVE	UT	84062
470 HALL, ROBERT & JOYCE JT	7575 N 4650 WEST	PLEASANT GROVE	UT	84062
471 HALL, ROBYN VEE	1843 N 1300 WEST	PLEASANT GROVE	UT	84062
472 HALLAM, GEORGE W & SHARON F JT	PO BOX 746	PLEASANT GROVE	UT	84062
473 HALLIDAY, MELVIN & LINDA	122 N 500 WEST #48-1	BLANDING	UT	84511
474 HAMMOND, CLARK & SHAWNA JT	1587 W 1010 NORTH	PLEASANT GROVE	UT	84062
475 HAMMOND, GAIL C & IDA J TEE	1879 W 1100 NORTH	PLEASANT GROVE	UT	84062
476 HAMMOND, VICTOR W & LAURA A TEE	140 S 950 EAST	PLEASANT GROVE	UT	84062
477 HANKS, DONALD S & DEBRA L TEE	3618 N 900 WEST	PLEASANT GROVE	UT	84062
478 HANSEN, HOLDEN SHANE ET AL	1035 QUEENS DR	AMERICAN FORK	UT	84003
479 HANSEN, JOHN L & SANDRA S TEE	540 S MAIN ST	PLEASANT GROVE	UT	84062
480 HANSEN, JOHN L & SANDRA S TEE	1035 QUEENS DR	AMERICAN FORK	UT	84003
481 HANSEN, KENT J & ROBIN JT	1920 N 750 WEST	PLEASANT GROVE	UT	84062
482 HANSEN, KEVIN S & JULIE D JT	1765 GARDEN DR	PLEASANT GROVE	UT	84062
483 HANSEN, RICHARD G & SYLVIA S JT	1045 N 1300 WEST	PLEASANT GROVE	UT	84062
484 HANSON, STANLEY C TEE	PO BOX 564	PLEASANT GROVE	UT	84062
485 HARDMAN, DOUGLAS L & MARIE S JT	1791 N 1200 WEST	PLEASANT GROVE	UT	84062
486 HARDMAN, GARY R & BONNIE K JT	4278 CANYON RD	PLEASANT GROVE	UT	84062
487 HARMAN, LEON W TEE	199 1ST ST #212	LOS ALTOS	CA	94022
488 HARMER, APRIL L H	1380 W 1800 NORTH	PLEASANT GROVE	UT	84062
489 HARR JOHN P SENIOR PROPERTIES L.C.	590 W STATE RD	PLEASANT GROVE	UT	84062
490 HARRIS, M ADAM & ANGELA JT	1832 N 900 WEST	PLEASANT GROVE	UT	84062
491 HARRIS, NATALIE B	32 W 725 NORTH	LINDON	UT	84042
492 HARRIS, R CARL & MELANIE F JT	2046 N 1300 WEST	PLEASANT GROVE	UT	84062
493 HARSHBERGER, TAMARA	159 S PLEASANT GROVE BLVD #14	PLEASANT GROVE	UT	84062
494 HART, DAVID K & LARAYNE W JT	2520 CANYON RD	PLEASANT GROVE	UT	84062
495 HARTLEY, MELISSA S	220 N 100 EAST	PLEASANT GROVE	UT	84062
496 HARVEY LAND COMPANY	9610 WINCHESTER DR	CEDAR HILLS	UT	84062
497 HARVEY, DAVID C & DIXIE R TEE	2806 N 1450 WEST	PLEASANT GROVE	UT	84062
498 HARVEY, DONALD L & HERMINE R TEE	688 E 600 NORTH	PROVO	UT	84606
499 HARVEY, JEFFREY CHRISTOPHER	3331 N 1456 WEST	PLEASANT GROVE	UT	84062
500 HARVEY, SHIANN & JAYSON	1767 GARDEN DR	PLEASANT GROVE	UT	84062
501 HARVEY, STANLEY D & JODI ET A TEE	1244 N 200 WEST	PLEASANT GROVE	UT	84062
502 HARVIE, CHAD	952 W 270 SOUTH #302	PLEASANT GROVE	UT	84062
503 HASLER, HOLLY P & BLAIR JT	1092 N 1300 WEST	PLEASANT GROVE	UT	84062
504 HATCH, JERALD T & SHAUNA N JT	85 S 300 WEST	LINDON	UT	84042
505 HAYES, JANETH & RICHARD JT	1663 W 1060 NORTH	PLEASANT GROVE	UT	84062
506 HAYMOND, BRYCE M & RAVEN V TEE	929 W 670 SOUTH #9	PLEASANT GROVE	UT	84062
507 HAYNIE, CORRINE L	555 N 600 WEST	PLEASANT GROVE	UT	84062
508 HEADMAN, CHARLES L & DIANNE C JT	4628 CANYON RD	PLEASANT GROVE	UT	84062
509 HEALY, JON W & NAN T TEE	1275 MURDOCK DR	AMERICAN FORK	UT	84003
510 HEATON, MICHAEL & ERIN JT	210 N 100 EAST	PLEASANT GROVE	UT	84062
511 HEBBERT, FRANK M & NAOMI P TEE	1224 W 1800 NORTH	PLEASANT GROVE	UT	84062
512 HEINER, KEVIN & GENAE JT	PO BOX 400	PLEASANT GROVE	UT	84062
513 HEINER, KEVIN M & GENAE D JT	2325 N 1300 WEST	PLEASANT GROVE	UT	84062
514 HEINZ E AND IRMGARD S GERSTLE LLC	PO BOX 165	MILLBRAE	CA	94030
515 HEINZ, TIMOTHY D & CARLYN N JT	952 W 270 SOUTH #301	PLEASANT GROVE	UT	84062

516 HEMMERT, JAMES C	PO BOX 1311	PROVO	UT	84603
517 HENDERSON, GARY D & KATHRYN A JT	129 S 950 EAST	PLEASANT GROVE	UT	84062
518 HENDRICKS, ERIN	935 S OREM BLVD	OREM	UT	84058
·			UT	84606
519 HENDRICKSON, WILLIAM R & DEBR JT 520 HENRICHSEN, CAROL A TEE	231 E 200 NORTH 812 E 200 SOUTH	PROVO	UT	84062
•		PLEASANT GROVE PLEASANT GROVE	UT	
	86 S 800 EAST			84062
522 HEP DEVELOPMENT LLC	4366 W SAM WHITE LA	PLEASANT GROVE	UT	84062
523 HEP DEVELOPMENT LLC ET AL	6795 S 300 WEST	MIDVALE	UT	84047
524 HEPWORTH, LISA	652 W 2705 #330	PLEASANT GROVE	UT	84062
525 HERZOG, JOHN M & KRYSTAL J JT	1317 W 600 NORTH	PLEASANT GROVE	UT	84062
526 HESS, MYRNA & DOYLE G TEE	PO BOX 2710	WENDOVER	NV	89883
527 HEWETT, JONATHAN	9895 CANYON RD	PLEASANT GROVE	UT	84062
528 HEWETT, JONATHAN & EVE JT	9875 CANYON RD	CEDAR HILLS	UT	84062
529 HIATT, JOHN S & CYNTHIA N JT	1435 E 1000 SOUTH	PLEASANT GROVE	UT	84062
530 HICKS, CORAL V	1030 N 600 WEST	PLEASANT GROVE	UT	84062
531 HILTON, AARON D & DESERY S JT	1405 W 1800 NORTH	PLEASANT GROVE	UT	84062
532 HILTON, BRANDON & DEBORAH JT	1105 W 3540 NORTH	PLEASANT GROVE	UT	84062
533 HILTON, KELLEN A	1396 N 500 EAST	PLEASANT GROVE	UT	84062
534 HINOJOS, SYLVIA G	810 N 600 WEST	PLEASANT GROVE	UT	84062
535 HMC INVESTMENT CORPORATION	551 E STATE RD #101	AMERICAN FORK	UT	84003
536 HOKI, MURRAY M & MARTHA F JT	1609 N 900 WEST	PLEASANT GROVE	UT	84062
537 HOLMAN, A WAYNE & STELLA G ET AL	6043 W 9740 NORTH	HIGHLAND	UT	84003
538 HOLMAN, MICHAEL W & GAY C JT	1111 W 1800 NORTH	PLEASANT GROVE	UT	84062
539 HOLMES, NATHAN	905 N 100 EAST	PLEASANT GROVE	UT	84062
540 HOLMSTEAD, HALE & KATHRYN S TEE	1070 E 700 NORTH	AMERICAN FORK	UT	84003
541 HOLMSTEAD, JAY R & SONDRA JT	405 N 600 WEST	PLEASANT GROVE	UT	84062
542 HOLMSTEAD, ROBB L & KATHRYN M JT	2155 N 600 WEST	PLEASANT GROVE	UT	84062
543 HOMER, RAYMOND W & OLGA J TEE	408 N 700 EAST	PLEASANT GROVE	UT	84062
544 HOMETOWN PROFESSIONALS LC	330 S MAIN ST	PLEASANT GROVE	UT	84062
545 HONE, CAMILLE	856 W 260 SOUTH	PLEASANT GROVE	UT	84062
546 HONE, DENISE	1467 E 1000 SOUTH	PLEASANT GROVE	UT	84062
547 HONE, LLOYD W TEE	319 E STATE RD	PLEASANT GROVE	UT	84062
548 HORELICA, SHAWN L & JENNIFER JT	1921 N 600 WEST	PLEASANT GROVE	UT	84062
549 HORMAN, CHARLES H ET AL TEE	3125 S WHITEWATER DR	SALT LAKE CITY	UT	84117
			UT	84003
550 HORTON, TODD W & MARDICA JT 551 HORTT, MARTIN A & DEBRA M JT	376 N 300 WEST	AMERICAN FORK PLEASANT GROVE	UT	84062
·	933 N 1420 WEST		_	
552 HOUSTON, DANNY L & GAYLE L TEE	84 S 1100 EAST	AMERICAN FORK	UT	84003
553 HOUSTON, VAN L & JANEAN JT	106 S 1100 EAST	AMERICAN FORK	UT	84003
554 HOWARD, DON & RAMONA JT	980 N 600 WEST	PLEASANT GROVE	UT	84062
555 HOWARD, KENNETH S & KIMBERLI JT	1319 W 870 NORTH	PLEASANT GROVE	UT	84062
556 HUFF, DENNIS E	890 N 100 EAST	PLEASANT GROVE	UT	84062
557 HUFF, MARYLYN G ET AL	4252 STRATUS ST	SALT LAKE CITY	UT	84118
558 HULLINGER, DENNIS J & MARIETT JT	637 W 4000 NORTH	PLEASANT GROVE	UT	84062
559 HUMPHERYS, KRISTEN	1369 E 1000 SOUTH	PLEASANT GROVE	UT	84062
560 HUNDEGGER PROPERTIES LC	9271 N 2683 EAST ALPINE LOOP	PROVO	UT	84604
561 HUNSAKER, JESSE L & LISA JT	1364 E 1000 SOUTH	PLEASANT GROVE	UT	84062
562 HUNT, DEBRA H TEE	2252 N 1300 WEST	PLEASANT GROVE	UT	84062
563 HUNT, JEFFREY D & JENNIFER D JT	1548 N 150 EAST	PLEASANT GROVE	UT	84062
564 HUNTSMAN, BLAINE H & JOYCE N JT	2390 N 100 EAST	PLEASANT GROVE	UT	84062
565 HUNTSMAN, NORAH TEE	2498 N 1300 WEST	PLEASANT GROVE	UT	84062
566 IRWIN, BRIAN F & ANNE K JT	1428 E 1000 SOUTH	PLEASANT GROVE	UT	84062
567 IVIE, DEANNA R TEE	4596 CANYON RD	PLEASANT GROVE	UT	84062
568 IVIE, JOSEPH M & JILL L JT	870 N 100 EAST	PLEASANT GROVE	UT	84062
569 IVORY DEVELOPMENT LLC	978 WOODOAK LN	SALT LAKE CITY	UT	84117
570 IVORY HOMES LTD	970 WOODOAK LN	SALT LAKE CITY	UT	84117
571 JA OGDEN INC	285 S PINEVIEW DR	ALPINE	UT	84004
572 JACKSON, CLINTON R & RUTH C	632 W 2600 NORTH	PLEASANT GROVE	UT	84062
573 JACKSON, JEFFERY J & PATTI S JT	664 W 2600 NORTH	PLEASANT GROVE	UT	84062
574 JACOBS, JERALD	10010 N 4800 WEST	AMERICAN FORK	UT	84003
575 JAKEMAN, JOHN K & DUELLA O ET TEE	901 N 1300 WEST	PLEASANT GROVE	UT	84062
576 JALS #2 LLC	8070 S 3528 WEST	WEST JORDAN	UT	84088
577 JAMES, LANCE & KIMBERLY JT	622 N 100 EAST	PLEASANT GROVE	UT	84062
578 JAMISON, BARRETT T & MOLLY A JT	511 MOUNTAIN CREST RD	DUARTE	CA	91010
579 JARRETT, MARK D & TERESA D JT	970 S 500 EAST	PLEASANT GROVE	UT	84062
580 JARVIS, MARK G	166 S 60 WEST	OREM	UT	84058
JOU JAILVIS, IVIAILL G	TOO 2 OO AAF21	ONEIVI	U I	04038

FOAT ID STEEL CO INC	DO DOV 10000	DUOFNIY	14.7	05005
581 JD STEEL CO INC	PO BOX 18009	PHOENIX	AZ	85005
582 JDC DESIGN LLC	1024 N 600 WEST	PLEASANT GROVE	UT	84062
583 JEFFERY, DUANE E & KAYE W JT	715 E 875 NORTH	AMERICAN FORK	UT	84003
584 JENKINS, ERYN C & BRADLEY G JT	95 S 850 EAST	PLEASANT GROVE	UT	84062
585 JENSEN, LUCILLE TEE	1588 W 1010 NORTH	PLEASANT GROVE	UT	84062
586 JENSEN, SARA H ET AL	9707 ROYAL RED RD	CEDAR HILLS	UT	84062
587 JENSEN, TOMIE	7301 BAYMEADOWS MAILSTOP JACB31 WAY	JACKSONVILLE	FL	32256
588 JEPPERSON, DENNIS G & KATHRYN TEE	1855 W 1100 NORTH	PLEASANT GROVE	UT	84062
589 JEPPSON, ARNOLD M & MAY M JT	1485 E 300 NORTH	AMERICAN FORK	UT	84003
590 JEPPSON, BRIAN C	1791 N 350 WEST	PLEASANT GROVE	UT	84062
591 JOGODA L.L.C. ET AL	335 E 1300 SOUTH	OREM	UT	84097
592 JOHN ANDERSON FAMILY LIMITED PARTNER	1050 S 175 EAST	BURLEY	ID	83318
593 JOHN HANCOCK CHARTER SCHOOL	125 N 100 EAST	PLEASANT GROVE	UT	84062
594 JOHNSEN, NORMA E & WILLIAM J TEE	2783 N 900 WEST	PLEASANT GROVE	UT	84062
595 JOHNSON, BRETT M & CALLIE K JT	1492 W 1800 NORTH	PLEASANT GROVE	UT	84062
596 JOHNSON, DAMON L & KELLEY K JT	1009 N 1300 WEST	PLEASANT GROVE	UT	84062
597 JOHNSON, DAVID N & MARY L JT	822 E 540 SOUTH	SALEM	UT	84653
598 JOHNSON, DEVIN	33 E SIENA DR	PLEASANT GROVE	UT	84062
599 JOHNSON, DONALD C SUCTEE	2390 W 2200 NORTH	LEHI	UT	84043
600 JOHNSON, FRED M TEE	1148 NATHANIEL DR	PLEASANT GROVE	UT	84062
•		+	UT	84057
	289 N 300 EAST	OREM	+	
602 JOHNSON, JAY DREW ET AL	582 W 850 NORTH	PLEASANT GROVE	UT	84062
603 JOHNSON, JOEL R & CATHY P JT	1286 MURDOCK DR	AMERICAN FORK	UT	84003
604 JOHNSON, JOHN V	321 E STATE RD #10	AMERICAN FORK	UT	84003
605 JOHNSON, LARRY A & SALLY JT	1891 GLENDON CIR	PLEASANT GROVE	UT	84062
606 JOHNSON, MARLIN D & DIANE B JT	2251 N 600 WEST	PLEASANT GROVE	UT	84062
607 JOHNSON, MERN D & LORA JT	381 E 300 SOUTH	PLEASANT GROVE	UT	84062
608 JOHNSON, MILTON G & MILDRED F TEE	345 W 1600 SOUTH	OREM	UT	84058
609 JOHNSON, MILTON K & GINNY O JT	929 W 670 SOUTH #4	PLEASANT GROVE	UT	84062
610 JOHNSON, NED L & LINDA W JT	570 N 100 EAST	PLEASANT GROVE	UT	84062
611 JOHNSON, ROBERT M	1275 E 1000 SOUTH	PLEASANT GROVE	UT	84062
612 JOHNSON, SHAD L & AMY L JT	433 S 300 EAST	PLEASANT GROVE	UT	84062
613 JOHNSON, TERRANCE B & MADGE E JT	1600 OLD HIGHWAY 99	GRANTS PASS	OR	97526
614 JOHNSTON, CLAY R & DEBY C JT	1979 TUSCANY WAY	PLEASANT GROVE	UT	84062
615 JOHNSTON, ERIC S & GREG	610 W 800 NORTH	PLEASANT GROVE	UT	84062
616 JOHNSTON, ERIC S & GREG	805 N 600 WEST	PLEASANT GROVE	UT	84062
617 JOLLEY, ROBERT S & AMY O JT	343 W 1700 SOUTH	OREM	UT	84058
618 JONES, AARON H & AMY E JT	3611 N 1590 WEST	PLEASANT GROVE	UT	84062
619 JONES, GERALD D & MONICA L JT	1338 GARDEN DR	PLEASANT GROVE	UT	84062
620 JONES, LENNIS A & PATRICIA A JT	1685 E 1000 SOUTH	PLEASANT GROVE	UT	84062
			UT	
621 JONES, LOGAN R & ADELE M JT	3573 CANYON RD	PLEASANT GROVE		84062
622 JONES, RANDALL & AMY K	35 S 100 EAST	PLEASANT GROVE	UT	84062
623 JONES, RONALD C & SUSAN P JT	878 N 1300 WEST	PLEASANT GROVE	UT	84062
624 JORGENSEN, HAROLD M & MAURINE TEES	1080 N 600 WEST	PLEASANT GROVE	UT	84062
625 JP PROPERTIES	PO BOX 236	PLEASANT GROVE	UT	84062
626 JUDKINS, AARON & MARCI JT	2033 N TUSCANY WAY	PLEASANT GROVE	UT	84062
627 K & L GURR HOLDINGS LLC	360 E 100 SOUTH	PLEASANT GROVE	UT	84062
628 KAESMEYER, DANIEL E & SUSAN M JT	110 W 1800 NORTH	PLEASANT GROVE	UT	84062
629 KALLAS, JEREMY J	929 W 670 SOUTH #12	PLEASANT GROVE	UT	84062
630 KEELER, SHIREE	159 S PLEASANT GROVE BLVD #18	PLEASANT GROVE	UT	84062
631 KEETCH, BRENT A & SUZANNE S JT	1730 N 100 EAST	PLEASANT GROVE	UT	84062
632 KEETCH, GARY V & DEANNE C JT	1047 W 2600 NORTH	PLEASANT GROVE	UT	84062
633 KELLY, GREG & NATALIE JT	2578 N 860 WEST	PLEASANT GROVE	UT	84062
634 KENDALL, ALAN R & LORA L TEE	2525 N 860 WEST	PLEASANT GROVE	UT	84062
635 KERR, ANN T	1378 E NORTH POND CIR	MAPLETON	UT	84664
636 KERR, BRIAN J & AMY D JT	1455 N 530 WEST	PLEASANT GROVE	UT	84062
637 KERR, JOHN R & KARI JT	1431 W 3300 NORTH	PLEASANT GROVE	UT	84062
638 KHATCHADOURIAN, MOVSES & GIGI JT	1695 E 1000 SOUTH	PLEASANT GROVE	UT	84062
639 KIESSLING, GERD	81 BENSON WAY	SANDY	UT	84070
640 KILLPACK, SHIRLEY	PO BOX 1132	PLEASANT GROVE	UT	84062
			UT	84062
641 KIMBAL, GLORIA J & MITCH ET A JT	806 W 2800 NORTH	PLEASANT GROVE		
642 KING, KEVIN & SHAUNA L JT	3295 N CANYON RD	PROVO	UT	84604
643 KING, KORMAN & KRISTY	1678 N 70 EAST	PLEASANT GROVE	UT	84062
644 KIRK, STEPHEN L & NANCY L JT	983 S 1320 EAST	PLEASANT GROVE	UT	84062
645 KJJ LCC	2004 COUNTRY DR	LEHI	UT	84005

CAC IVI OFVIC COVE II C	2C DED DINE DD	ALDINE	lu-	04004
646 KLOEY'S COVE LLC	36 RED PINE DR	ALPINE	UT	84004
647 KNAPTON, LISA CHRISTINE ET AL	1807 GARDEN DR	PLEASANT GROVE	UT	84062
648 KOEHLER, BRYAN F & MARILYNN	2532 N 600 WEST	PLEASANT GROVE	UT	84062
649 KOFFORD, JERALD D & UNA L JT	1476 RENAISSANCE PL	PLEASANT GROVE	UT	84062
650 KOHLER, BUD W & GLENNA E TEE	2150 N 600 WEST	PLEASANT GROVE	UT	84062
651 KRAVET, DANIEL ET AL	9860 N CANYON DR	PLEASANT GROVE	UT	84062
652 KRISER HOMES & COMMUNITIES INC	497 S 2220 WEST #102	PLEASANT GROVE	UT	84062
653 KRISER HOMES & COMMUNITIES INC	497 S 2220 WEST #201	PLEASANT GROVE	UT	84062
654 KRISER HOMES & COMMUNITIES INC	496 S 2150 WEST #201	PLEASANT GROVE	UT	84062
655 KRISER HOMES & COMMUNITIES INC	125 E MAIN ST #215	AMERICAN FORK	UT	84003
656 KRISER HOMES & COMMUNITIES INC	PO BOX 395	AMERICAN FORK	UT	84003
657 KRISER HOMES & COMMUNITIES INC	926 W 1420 SOUTH	PAYSON	UT	84651
658 KRISER HOMES & COMMUNITIES INC	410 N 2000 WEST	PLEASANT GROVE	UT	84062
659 KRISER HOMES & COMMUNITIES INC	497 S 2220 WEST #303	PLEASANT GROVE	UT	84062
660 KRISER HOMES & COMMUNITIES INC	496 S 2150 WEST #202	PLEASANT GROVE	UT	84062
661 KRISER HOMES & COMMUNITIES INC	496 S 2150 WEST #204	PLEASANT GROVE	UT	84062
662 KRISER HOMES & COMMUNITIES INC	9055 S 1300 EAT #110	SANDY	UT	84094
663 KRISER HOMES & COMMUNITIES INC	496 S 2150 WEST	PLEASANT GROVE	UT	84062
664 KRISER HOMES & COMMUNITIES INC	40270 JACINTO WAY	PALMDALE	CA	93551
665 KRISER HOMES & COMMUNITIES INC	1000 S 1000 EAST	MAPLETON	UT	84664
666 KRISER HOMES & COMMUNITIES INC	496 S 2150 WEST #102	PLEASANT GROVE	UT	84062
667 KRISER HOMES & COMMUNITIES INC	497 S 2220 WEST #304	PLEASANT GROVE	UT	84062
668 KRISER HOMES & COMMUNITIES INC	3383 BEAR CANYON LN	CEDAR HILLS	UT	84062
669 KROHN, KRISTOFFER A & KALENN JT	3214 N UNIVERSITY AV #116	PROVO	UT	84604
670 KUMMER, KARL J TEE	85 E 1500 SOUTH	OREM	UT	84058
671 LAD ENTERPRISES L.C.	787 N 400 EAST	LINDON	UT	84042
672 LAD ENTERPRISES L.C. ET AL	127 S 500 EAST #310	SALT LAKE CITY	UT	84102
673 LAKE CITY HOLDINGS LLC	6148 W 9680 NORTH	HIGHLAND	UT	84003
674 LAMBERT, CHARLES P & BETTY A JT	1841 W 1100 NORTH	PLEASANT GROVE	UT	84062
675 LAND WALKER LTD	PO BOX 171720	SAN ANTONIO	TX	78217
676 LANDCO DEVELOPMENT INC	1210 E 930 NORTH	PROVO	UT	84604
677 LANE, ELDWIN K & ANNA B JT	2687 CANYON RD	PLEASANT GROVE	UT	84062
			UT	84062
678 LARSEN ACRES L.C.	1146 N 100 EAST	PLEASANT GROVE	UT	84003
679 LARSEN, ARTALEE T	864 N 360 EAST	AMERICAN FORK		
680 LARSEN, ELIZABETH	993 W 1800 NORTH	PLEASANT GROVE	UT	84062
681 LARSEN, STEVEN T & ELIZABETH JT	993 W 1800 NORTH	PLEASANT GROVE	UT	84062
682 LARSON, BRYON & SUSANN JT	4051 W 9820 NORTH	CEDAR HILLS	UT	84062
683 LARSON, CRAIG S & JENNIFER S JT	665 N 1300 WEST	PLEASANT GROVE	UT	84062
684 LARSON, DE LOY & RAYE ET AL TEE	225 E STATE RD	PLEASANT GROVE	UT	84062
685 LARSON, JON W & HEATHER M JT	759 GROVE CREEK DR	PLEASANT GROVE	UT	84062
686 LASER, HEATHER A	518 S 2150 WEST #303	PLEASANT GROVE	UT	84062
687 LAW, KENNETH A & FERN JT	150 N 1300 WEST	PLEASANT GROVE	UT	84062
688 LAYCOCK, CORY E	648 N 1010 WEST	PLEASANT GROVE	UT	84062
689 LEADING TECHNOLOGY DEVELOPMENT LLC	444 N 7200 WEST	MENDON	UT	84325
690 LEAVITT, JEFFREY W	786 W 4230 NORTH	PLEASANT GROVE	UT	84062
691 LEAVITT, KENNETH P & LUCILLE JT	374 S 420 EAST	PLEASANT GROVE	UT	84062
692 LEAVITT, MELVIN W & PEGGY J	2693 N 1200 EAST	LEHI	UT	84043
693 LEETHAM, STEPHEN C & DEANNA TEE	1317 N 1300 WEST	PLEASANT GROVE	UT	84062
694 LEGACY PROPERTIES AND INVESTMENTS L.	1342 W STATE RD	PLEASANT GROVE	UT	84062
695 LEGACY PROPERTIES AND INVESTMENTS LC	1402 W STATE RD	PLEASANT GROVE	UT	84062
696 LEICO PROPERTIES LLC	50 N 1300 EAST	PLEASANT GROVE	UT	84062
697 LEONARD, HAL A	1420 E 300 NORTH	AMERICAN FORK	UT	84003
698 LEONARD, ROBERT H & ROBERT H	2221 N 1300 WEST	PLEASANT GROVE	UT	84062
699 LETHBRIDGE, BURTON ALLEN	950 S 1500 EAST	PLEASANT GROVE	UT	84062
700 LEVIN, ALFRED & EDELTRAUD B TEE	3939 W 9600 NORTH	CEDAR HILLS	UT	84062
701 LEWIS, KIMBALL U & MYRNA JT	PO BOX 539	MIDVALE	UT	84047
702 LEWIS, MARY ELLEN	270 N 900 WEST	PROVO	UT	84601
703 LI, ELSA	475 S 1230 WEST	OREM	UT	84058
704 LIAHONA FOUNDATION	801 N 300 EAST	PLEASANT GROVE	UT	84062
705 LINCOLN ACADEMY INCORPORATED	1582 W 3300 NORTH	PLEASANT GROVE	UT	84062
706 LINDBERG, DENISE	868 W 260 SOUTH	PLEASANT GROVE	UT	84062
707 LINDSTROM, JEFFREY P ET AL DBA	PO BOX 236	PLEASANT GROVE	UT	84062
708 LINDSTROM, JOHN P & SARA H TEE	1880 N 600 WEST	PLEASANT GROVE	UT	84062
709 LINEBAUGH, JOHN W & CAROL B TEE	2682 CANYON RD	PLEASANT GROVE	UT	84062
710 LISTON, BETTU M & CLAY M TEE	921 W 1100 NORTH	PLEASANT GROVE	UT	84062
		. 22, 13, 1111 3113 72	<u> </u>	0.002

711 LITTLE VERNON	2897 N 900 WEST	DI FASANT CROVE	LIT	94063
711 LITTLE, VERNON		PLEASANT GROVE	UT	84062
712 LLOYD, KALYN L & JEANNE M JT	407 W 2600 NORTH	PLEASANT GROVE	UT	84062
713 LOCKE, CHARESE	868 W 4230 NORTH	PLEASANT GROVE	UT	84062
714 LOCKHART NANCE, ELIZABETH ET AL	1830 N 820 WEST	PLEASANT GROVE	UT	84062
715 LONE PEAK DEVELOMENT PARTNERS LLC	38 RED PINE DR	ALPINE	UT	84004
716 LONE PEAK DEVELOPMENT PARTNERS LLC	688 W 2760 NORTH	PLEASANT GROVE	UT	84062
717 LONE PEAK DEVELOPMENT PARTNERS LLC	583 S 900 WEST #11-303	PLEASANT GROVE	UT	84062
718 LONE PEAK DEVELOPMENT PARTNERS LLC	1140 W 1800 NORTH	PLEASANT GROVE	UT	84062
719 LONE PEAK DEVELOPMENT PARTNERS LLC	1015 W 425 SOUTH	LEHI	UT	84043
720 LONE PEAK DEVELPMENT PARTNERS LLC	6072 W 11400 NORTH	HIGHLAND	UT	84003
721 LONG, DARRIN	399 E STATE RD	PLEASANT GROVE	UT	84062
722 LONG, MYRON	3687 AVANYU CT	CEDAR HILLS	UT	84062
723 LONGMAN, JOHN L & GEORGANN JT	4516 CANYON RD	PLEASANT GROVE	UT	84062
724 LOSEE, BARBARA J & FLOYD J JT	704 W 2600 NORTH	PLEASANT GROVE	UT	84062
725 LOVE, JAMES L	1791 GARDEN DR	PLEASANT GROVE	UT	84062
726 LOWDER, TRAVIS H & DANIEL B ET AL	2230 N UNIVERSITY PKY #7A	PROVO	UT	84604
727 LOWE, LYNETTE & KENNETH J JT	1295 N 1300 WEST	PLEASANT GROVE	UT	84062
728 LUKE, JOHNEY D	1050 N 600 WEST	PLEASANT GROVE	UT	84062
729 LUKE, MARJORIE & MARGENE JT	1197 E 1000 SOUTH	PLEASANT GROVE	UT	84062
730 LUKER, DAN R & DAWN JT	37 E 700 SOUTH	PLEASANT GROVE	UT	84062
731 LUND, TROY R & JACQUE L JT			UT	84062
	468 W 1800 NORTH	PLEASANT GROVE		
732 LUNDIN, JOHN L ET AL	1052 E 50 SOUTH	AMERICAN FORK	UT	84003
733 LUU L.L.C.	426 E STATE RD	PLEASANT GROVE	UT	84062
734 LUU, VINH & HUNG T	789 N 350 WEST	LINDON	UT	84042
735 LYTLE, JOSHUA	347 MILLCREEK RD	PLEASANT GROVE	UT	84062
736 M & M MORRIS PROPERTIES LC	3599 LITTLE ROCK DR	PROVO	UT	84604
737 MAC NEIL, STEPHEN M	11135 N 5730 WEST	HIGHLAND	UT	84003
738 MAGALEI, BENJAMIN S & MARTHA TEE	8913 PINE HOLLOW DR	CEDAR HILLS	UT	84062
739 MAGNUSSON, LONNIE R & LORI JT	2146 N 1300 WEST	PLEASANT GROVE	UT	84062
740 MAJOR, JOSEPH D & JAONA H JT	4549 CANYON RD	PLEASANT GROVE	UT	84062
741 MAKIN DREAMS LLC	1519 N 600 WEST	PLEASANT GROVE	UT	84062
742 MAKIN, KEITH L & RUTH A TEE	153 S 200 EAST	AMERICAN FORK	UT	84003
743 MALAN, DAVID S & NATALIE C JT	952 W 270 SOUTH #104	PLEASANT GROVE	UT	84062
744 MALONE, JAMES C & LEEANN ET AL	1599 N 100 EAST	PLEASANT GROVE	UT	84062
745 MALONE, JAMES M & JAMES M	3709 N 900 WEST	PLEASANT GROVE	UT	84062
746 MANGUM, WILLIAM B & ASHLEY	952 W 270 SOUTH #202	PLEASANT GROVE	UT	84062
747 MANILA CULINARY WATER COMPANY	8800 N 3910 WEST	PLEASANT GROVE	UT	84062
748 MANILA INVESTORS LC	5840 HIGHLAND DR	SALT LAKE CITY	UT	84121
749 MANN, SHIRLEY A	1384 RENAISSANCE PL	PLEASANT GROVE	UT	84062
750 MARGIN ENTERPRISES LLC	1285 E CENTER ST	PLEASANT GROVE	UT	84062
751 MARI-LEE MEADOWS INC	1650 FARNAM ST		NE	68102
		OMAHA	UT	
752 MARSHALL, LANA K	1287 E 1000 SOUTH	PLEASANT GROVE		84062
753 MARTINEZ, BECKY L ET AL	650 N 100 EAST	PLEASANT GROVE	UT	84062
754 MARTINEZ, KIMBERLY H & ANTHONY R	114 W 700 SOUTH	PLEASANT GROVE	UT	84062
755 MARTINEZ, LISA A	2208 N 600 WEST	PLEASANT GROVE	UT	84062
756 MARTINEZ, MARTHA R & HUGO JT	PO BOX 1904	PROVO	UT	84603
757 MARTINEZ, RENATO & HOLLY	111 E 100 NORTH	PLEASANT GROVE	UT	84062
758 MATTHEWS, HANNAH BETH M ET AL	1110 W 1800 NORTH	PLEASANT GROVE	UT	84062
759 MATTHEWS, LYNN I & GEANIE R JT	1040 W 1800 NORTH	PLEASANT GROVE	UT	84062
760 MATTHEWS, MATT P & MICHELLE JT	812 W 2800 NORTH	PLEASANT GROVE	UT	84062
761 MAVERIK COUNTRY STORES INC	880 W CENTER ST	NORTH SALT LAKE	UT	84054
762 MAYFIELD DEVELOPMENT LC	758 S 400 EAST	OREM	UT	84097
763 MAYNE, JACK & GWEN S TEE	789 W 2600 NORTH	PLEASANT GROVE	UT	84062
764 MAYNE, SHAD G	96 E 700 SOUTH	PLEASANT GROVE	UT	84062
765 MC CANN, GREG T	986 W 270 SOUTH	PLEASANT GROVE	UT	84062
766 MC CLAIN, RICHARD A	1825 TUSCANY WAY	PLEASANT GROVE	UT	84062
767 MC GEE, JAMES & ESCHE JT	399 S LOCUST AV	PLEASANT GROVE	UT	84062
768 MCALLISTER, BURTON JAMES	4019 N 900 WEST	PLEASANT GROVE	UT	84062
769 MCDONALD, TACY L TEE	1182 W 3420 NORTH	PLEASANT GROVE	UT	84062
770 MCHUGH, JOHN R & MATTHEW JT	221 POPLAR ST	ANACONDA	MT	59711
771 MCKINNON, WILLIAM M & LIN M JT	889 N 600 WEST	PLEASANT GROVE	UT	84062
772 MCPHERSON, BRYAN D	613 N 600 WEST	PLEASANT GROVE	UT	84062
773 MEDFORD, TROY J	1226 NORTHFIELD DR	PLEASANT GROVE	UT	84062
774 MELDRUM, FLOYD A TEE	601 S RANCHO DR #A10	LAS VEGAS	NV	89106
775 MELLOTT, CARSON A & KELLIE A	397 E 300 SOUTH	PLEASANT GROVE	UT	84062
	55. 2 500 500 111	TEL TOAITT GROVE	1~.	3-002

776 MELVIN V AND MARY C FRANDSEN FAMILY	FOC C 100 WEST	ANAEDICANI FORK	Tur	0.4003
	506 S 100 WEST	AMERICAN FORK	UT	84003
777 MEMMOTT, KELLY L & JANALYN W JT	935 N 100 EAST	PLEASANT GROVE	UT	84062
778 MERRELL, SCOTT & SHARI JT	681 W 2000 NORTH	PLEASANT GROVE	UT	84062
779 MERRYWEATHER, FRANK B & JOANN TEE	1130 E 900 SOUTH	PLEASANT GROVE	UT	84062
780 MESSERSMITH, VERNAL D & CORA R	1050 W 190 SOUTH	LEHI	UT	84043
781 MESSINGER, JEFF	523 W 2900 NORTH	PLEASANT GROVE	UT	84062
782 METLER BROTHERS CONSTRUCTION INC	973 S OREM BLVD	OREM	UT	84058
783 MICHAEL L ROBINSON PROPERTIES LC	116 W 2430 NORTH	PLEASANT GROVE	UT	84062
784 MILLER INVESTMENT COMPANY	886 E 900 SOUTH	PLEASANT GROVE	UT	84062
785 MILLER, ANNALISE	986 W 270 SOUTH #201	PLEASANT GROVE	UT	84062
786 MILLER, BRANDON & HEATHER M JT	1337 W 1800 NORTH	PLEASANT GROVE	UT	84062
787 MILLER, CLAYTON L & MICHELE	1243 W 1800 NORTH	PLEASANT GROVE	UT	84062
788 MILLER, JAMES R	3826 S 2300 EAST	SALT LAKE CITY	UT	84109
789 MILLER, KENDALL C	63 PELICAN DR	RUPERT	ID	83350
790 MILLER, LUTHER & DARLA J JT	2224 N 600 WEST	PLEASANT GROVE	UT	84062
791 MILLER, LYNN G & CHERRI H JT	1786 N 1200 WEST	PLEASANT GROVE	UT	84062
792 MILLET, MICHAEL B & DIXIE F JT	1454 E 1000 SOUTH	PLEASANT GROVE	UT	84062
793 MILLETT, KENNETH E & MARGARET JT	490 S 1100 EAST	PLEASANT GROVE	UT	84062
794 MINER, VINSON	952 W 270 SOUTH #102	PLEASANT GROVE	UT	84062
795 MIRA CONDOMINIUMS DEVELOPMENT LLC	1038 SILVERANCH DR	GARDNERVILLE	NV	89460
796 MIRAGLIA, STEPHEN J			UT	84062
•	986 W 270 SOUTH #102	PLEASANT GROVE	+	+
797 MISDOM, LEE & JERI L JT	1704 W 1060 NORTH	PLEASANT GROVE	UT	84062
798 MITCHELL, VONE J & GLENDA G	384 E 300 SOUTH	PLEASANT GROVE	UT	84062
799 MIYA, JAY	4211 MICHAEL AV	LOS ANGELES	CA	90066
800 MKKM PROPERTIES LLC	870 W 410 NORTH	LINDON	UT	84042
801 MONSON, ELSIE W	3971 CANYON RD	PLEASANT GROVE	UT	84062
802 MONSON, MARK S	986 W 270 SOUTH #204	PLEASANT GROVE	UT	84062
803 MONSON, MICHAEL VAL	9573 CANYON RD	PLEASANT GROVE	UT	84062
804 MONSON, ROSS E & GLORIA D JT	9561 CANYON RD	PLEASANT GROVE	UT	84062
805 MONTOYA, DAVID E & ERENDIRA M JT	770 GROVE CREEK DR	PLEASANT GROVE	UT	84062
806 MOON, JONATHAN D & RICHELLE E JT	3636 LITTLE ROCK DR	PROVO	UT	84604
807 MOORE, BONNIE	PO BOX 22268	SALT LAKE CITY	UT	84122
808 MOORE, EDWARD A & HILLARY J ET AL	698 W 2600 NORTH	PLEASANT GROVE	UT	84062
809 MOORE, KEVIN L & COURTNEY JT	1146 MUSTANG LN	LEHI	UT	84045
810 MOORE, RICHARD E & FAYE L	555 W 2600 NORTH	PLEASANT GROVE	UT	84062
811 MORGAN, JUSTIN & STEPHANIE JT	87 N 1620 WEST	PLEASANT GROVE	UT	84062
812 MORGAN, STEPHANIE	75 N 1620 WEST	PLEASANT GROVE	UT	84062
813 MORRISON, WILLIAM M & SHEILA JT	3284 N 1450 WEST	PLEASANT GROVE	UT	84062
814 MORSE, ANTHONY T & DEIDREY JT	4262 N 900 WEST	PLEASANT GROVE	UT	84062
815 MORTENSEN, SIDNEY G & JANICE JT	1466 E 1000 SOUTH	PROVO	UT	84606
		PLEASANT GROVE		+
816 MOULTON, RALPH R & ALIDA E TEE	PO BOX 319		UT	84062
817 MOUNTAIN EXPANSION LLC	583 N 1100 EAST	AMERICAN FORK	UT	84003
818 MOWER, DOUGLAS R ET AL	820 N 1300 WEST	PLEASANT GROVE	UT	84062
819 MOWER, NATHAN N & CAROLYN G JT	2247 N 1300 WEST	PLEASANT GROVE	UT	84062
820 MUHLESTEIN, DANIEL H & LA NAE JT	787 N 400 EAST	LINDON	UT	84042
821 MUNDAY, CHRISTOPHER B & LOUIS JT	812 W 4230 NORTH	PLEASANT GROVE	UT	84062
822 MUNICIPAL BUILDING AUTHORITY OF PLEA	70 S 100 EAST	PLEASANT GROVE	UT	84062
823 MURDOCK, GARY L & DEBRA A JT	660 W STATE RD	PLEASANT GROVE	UT	84062
824 MURIE, BENNY & LINDA JT	1135 N 100 EAST	PLEASANT GROVE	UT	84062
825 MURPHY, WAYNE C & KONNIE JT	517 E 300 SOUTH	PLEASANT GROVE	UT	84062
826 MYLER, LISA R	1278 S 800 EAST	OREM	UT	84097
827 MYLROIE, MICHAEL W & DANIELLE JT	497 N 1300 WEST	PLEASANT GROVE	UT	84062
828 NAUMANN, GUILLERMO & JOAN JT	106 W 725 NORTH	LINDON	UT	84042
829 NAUMANN, STERLING W & KELLIE JT	1779 N 390 WEST	PLEASANT GROVE	UT	84062
830 NAVARRO, RICARDO	494 E 200 SOUTH	PLEASANT GROVE	UT	84062
831 NEHRING, CARSON D & KARIN P	1015 N 600 WEST	PLEASANT GROVE	UT	84062
832 NELSON, DALLIN B & AMY M JT	1308 W 2600 NORTH	PLEASANT GROVE	UT	84062
833 NELSON, DENNIS K & SHERRI JT	114 E 2150 NORTH	PLEASANT GROVE	UT	84062
834 NELSON, DUANE	3214 N UNIVERSITY AV #116	PROVO	UT	84604
835 NEMROW, SCOTT	1951 N 100 EAST	PLEASANT GROVE	UT	84062
836 NFSCO PROPERTIES LLC	PO BOX 1138	PLEASANT GROVE	UT	84062
837 NICHOLS, DANIEL L	1451 E 1000 SOUTH	PLEASANT GROVE	UT	84062
838 NICHOLSON, TERRENCE D & NANCY JT	1206 W 3300 NORTH	PLEASANT GROVE	UT	84062
			UT	
839 NICKELL, DARYLENE B & KENNETH TEE 840 NICOL, SCOTT & SUE JT	965 W 2600 NORTH	PLEASANT GROVE		84062
840 NICOL, SCOTT & SUE JT	9850 CANYON RD	PLEASANT GROVE	UT	84062

841 NIELSEN, DOUGLAS R & HOLLY M JT	4392 CANYON RD	PLEASANT GROVE	UT	84062
842 NIELSEN, L JAY	241 N VINE ST #1206	SALT LAKE CITY	UT	84103
843 NIELSEN, RICHARD P ET AL	1455 S STATE ST #B	OREM	UT	84097
		PLEASANT GROVE	UT	84062
844 NIELSON, ANDREW J 845 NIELSON, DARRIN ET AL	175 S 1300 WEST 3654 PAIGE LN	CEDAR HILLS	UT	84062
846 NIELSON, JAMES R & MARY E TEE	2124 N 600 WEST	PLEASANT GROVE	UT	84062
847 NIELSON, KEITH R & LAURA E JT	1135 W 1800 NORTH	PLEASANT GROVE	UT	84062
848 NOAH CORPORATION	1716 W 1825 NORTH	PROVO	UT	84604
849 NOAH CORPORATION	1441 UTE BLVD #100	PARK CITY	UT	84098
850 NORMAN, JAMES M & VERNA H JT	1386 E 1000 SOUTH	PLEASANT GROVE	UT	84062
851 NORTON INVESTMENT COMPANY	627 GROVE CIR	ALPINE	UT	84002
852 NUTTALL, RONALD D & BIRGITTA JT	9645 N 8000 WEST	LEHI	UT	84043
853 O DONNELL, ADELAIDE	PO BOX 227	PLEASANT GROVE	UT	84062
854 OBERHANSLEY, GARTH H & CHERYL JT	929 W 670 SOUTH #8	PLEASANT GROVE	UT	84062
855 OCKEY, PAUL TEE	812 VINE CREEK CIR	SALT LAKE CITY	UT	84107
856 OFFER, JENNIE L	119 E BATTLE CREEK DR	PLEASANT GROVE	UT	84062
857 OGDEN, KRISTOL M & SAMUEL P JT	1561 W 80 SOUTH	PLEASANT GROVE	UT	84062
858 OLIPHANT, JAMES R & MARYLIN	1011 W 2600 NORTH	PLEASANT GROVE	UT	84062
859 OLSEN, ARTHUR G & DELMA K	1977 N 1300 WEST	PLEASANT GROVE	UT	84062
860 OLSEN, GARY	735 N 1300 WEST	PLEASANT GROVE	UT	84062
861 OLSEN, GARY G & REBECCA L ET JT	35 W 725 NORTH	LINDON	UT	84042
862 OLSEN, GORDON L & MELODY A JT	9757 CANYON RD	PLEASANT GROVE	UT	84042
863 OLSEN, GORDON L & MELODY B JT	4209 CANYON RD	PLEASANT GROVE	UT	84062
864 OLSEN, SHAUN D & RACHEL K JT	354 S 420 EAST	PLEASANT GROVE	UT	84062
	350 E 300 SOUTH		UT	84062
865 OLSEN, VERLYN L & BETH L TEE 866 OLSON, LINDA M TEE	45 S 1100 EAST	PLEASANT GROVE	UT	84003
867 OLSON, R KIM & BARI L TEE	691 W 4000 NORTH	AMERICAN FORK PLEASANT GROVE	UT	84062
868 ORSO, LINDA	PO BOX 252	PLEASANT GROVE	UT	84062
			UT	84062
•	970 E 900 SOUTH 1114 N 1270 EAST	PLEASANT GROVE AMERICAN FORK	UT	84003
870 ORTON, MARK W & ROBIN L JT 871 ORTON, SEAN & TINA JT			UT	84062
	1927 GLENDON CIR 1204 W 3420 NORTH	PLEASANT GROVE PLEASANT GROVE	UT	84062
872 ORTON, STERLING W & CONNIE R JT			UT	84010
873 ORVIS, VICTOR R & LINDA L ET JT 874 OSBORNE, BOBBY W & HEATHER P JT	305 SUMMERWOOD DR 680 W 2000 NORTH	BOUNTIFUL PLEASANT GROVE	UT	84062
875 OSBORNE, BOBBY W & HEATHER P JT	146 E 100 SOUTH	AMERICAN FORK	UT	84002
876 OSCARSON, ROBERT A & BETTY JT	89 S 800 EAST	PLEASANT GROVE	UT	84062
877 OSMOND DEVELOPMENT LLC	9611 OLD ORCHARD LN	CEDAR HILLS	UT	84062
878 OVALLE, HECTOR	309 S 100 EAST	PLEASANT GROVE	UT	84062
879 OVERLY, BRAD W & MARY P TEE	1442 W 3300 NORTH	PLEASANT GROVE	UT	84062
880 PACE, DARLENE LA REE ET AL TEE	1010 W 1800 NORTH	PLEASANT GROVE	UT	84062
881 PACE, SANDRA D ET AL TEE	93 E CENTER ST	PLEASANT GROVE	UT	84062
882 PACIFICORP	1407 W NORTH TEMPLE #110	SALT LAKE CITY	UT	84116
883 PACK, ERVIN E & BARBARA M JT	1260 W 1800 NORTH	PLEASANT GROVE	UT	84062
884 PACK, GLEN A & RENEE J	2335 N 1150 WEST	PLEASANT GROVE	UT	84062
885 PACK, GLEN A & RENEE J	1830 N 1300 WEST	PLEASANT GROVE	UT	84062
886 PACK, HEATHER & BRADFORD JT	1020 N 100 EAST	PLEASANT GROVE	UT	84062
887 PACK, KENNETH E & MARILYN K TEE	2273 N 1300 WEST	PLEASANT GROVE	UT	84062
888 PAJELA, MINA R	1088 E 390 SOUTH	AMERICAN FORK	UT	84002
889 PALACIOS, FLAVIA CAROLINA	1573 W 80 SOUTH	PLEASANT GROVE	UT	84062
890 PALMER, BRUCE W & KAYE T TEE	381 W 800 NORTH	LINDON	UT	84042
891 PALMER, EVAN M & DIANE J	450 S LOCUST AV	PLEASANT GROVE	UT	84062
892 PANKHURST, RICHARD & KRISTIN JT	430 MARMORE RD	CHICO	CA	95928
893 PARK, LILAS LEE	910 N 100 EAST	PLEASANT GROVE	UT	84062
894 PARKINSON, DAVID O ET AL AN INT	265 N COUNTRY MANOR LN	ALPINE	UT	84004
895 PARRISH, LAFE A & JOYCE B ET TEE	1445 E 300 NORTH	AMERICAN FORK	UT	84003
896 PARRY, DOUGLAS C & LINDA H JT	760 N 1300 WEST	PLEASANT GROVE	UT	84062
897 PATTERSON CONSTRUCTION INC ET AL	11009 N 6400 WEST	HIGHLAND	UT	84003
898 PATTERSON, JESSE W & HEATHER JT	159 S PLEASANT GROVE BLVD #19	PLEASANT GROVE	UT	84062
899 PECK, STEVEN L & LORI L JT	1211 E 1000 SOUTH	PLEASANT GROVE	UT	84062
900 PELAYO, MAGDALENA G TEE	111 E 700 SOUTH	PLEASANT GROVE	UT	84062
901 PEN & INK LTD	1199 W 700 SOUTH	PLEASANT GROVE	UT	84062
902 PEREZ, RUBEN & NORMA L JT	90 W 700 SOUTH	PLEASANT GROVE	UT	84062
903 PERKINS, HAL C	2501 N 860 WEST	PLEASANT GROVE	UT	84062
904 PERSONAL PROPERTIES	PO BOX 357	AMERICAN FORK	UT	84003
905 PETERSEN, JOY D	185 N 1630 WEST	PLEASANT GROVE	UT	84062
	200020.		ļ-·	31002

OOG DETERGEN MARK I 8 RECKY IT	DO DOV 463	DI FACANT CROVE	lu -	84063
906 PETERSEN, MARK L & BECKY JT	PO BOX 462	PLEASANT GROVE	UT	84062
907 PETERSEN, VINCE L	1091 N 600 WEST	PLEASANT GROVE	UT	84062
908 PETERSON, FERN C TEE	31130 S GENERAL KEARNY RD #63	TEMECULA	CA	92591
909 PETERSON, JARED W & BARBARADE JT	25 E 700 SOUTH	PLEASANT GROVE	UT	84062
910 PETERSON, JOHN L & JO ANN TEE	1846 MAIN ST	HUNTINGTON BEACH	CA	92648
911 PETERSON, JOSEPH D & PATRICIA JT	1060 N 600 WEST	PLEASANT GROVE	UT	84062
912 PETERSON, MATTHEW T & KIMBERL JT	120 W 725 NORTH	LINDON	UT	84042
913 PETERSON, OREN V & SYLVIA S TEE	1250 W 2600 NORTH	PLEASANT GROVE	UT	84062
914 PETERSON, RON B & BONNIE P JT	1210 N 1300 WEST	PLEASANT GROVE	UT	84062
915 PETERSON, SCOTT & REBECCA JT	986 W 270 SOUTH #303	PLEASANT GROVE	UT	84062
916 PETRONI, CLORINDA CARMEN	375 W 800 NORTH	LINDON	UT	84042
917 PETRONI, SILVIA L	393 W 800 NORTH	LINDON	UT	84042
918 PETRONI, WALTER SANTIAGO	369 W 800 NORTH	LINDON	UT	84042
919 PETTY, CRAIG & TIFFANY JT	355 N 100 EAST	PLEASANT GROVE	UT	84062
920 PG VILLAS LLC	65 E 1250 NORTH	AMERICAN FORK	UT	84003
921 PGALF LLC	563 W 500 SOUTH #250	BOUNTIFUL	UT	84010
922 PHELON, KATHRYN R TEE	1040 E 900 SOUTH	PLEASANT GROVE	UT	84062
923 PHELON, KEVIN M & BECKIE D JT	759 E 200 SOUTH	PLEASANT GROVE	UT	84062
924 PHILLIPS, DAVID O ET AL	2009 N 1300 WEST	PLEASANT GROVE	UT	84062
925 PILCH, JOSHUA & JENNIFER ET A JT	91 N 1620 WEST	PLEASANT GROVE	UT	84062
		-	 	
926 PINCOCK, DAVID W & MICKEY J JT	1692 N 70 EAST	PLEASANT GROVE	UT	84062
927 PINNACLE HOMES AND DEVELOPMENT LLC	479 W 30 NORTH	AMERICAN FORK	UT	84003
928 PINNACLE POINT L.C.	1846 MAIN ST	HUNTINGTON BEACH	CA	92648
929 PITCHER, ADAM & CHERI JT	1726 W 1060 NORTH	PLEASANT GROVE	UT	84062
930 PITTS, STEVEN L	4200 N 650 EAST	PROVO	UT	84604
931 PLATT, JOSEPHINE	339 E 300 SOUTH	PLEASANT GROVE	UT	84062
932 PLEASANT DEVELOPMENT LLC	574 S STATE ST	OREM	UT	84058
933 PLEASANT GROVE DEVELOPMENT PARTNERS	304 S MAIN ST	CENTERVILLE	UT	84014
934 PLEASANT GROVE PLAZA LC	200 WILMOT RD	DEERFIELD	IL	60015
935 PLEASANT SPRINGS LLC	8058 BARNWOOD WAY	SANDY	UT	84094
936 POLLMANN, RAY D & ANNE JT	466 W 1800 NORTH	PLEASANT GROVE	UT	84062
937 PONT, LANE M & SAMANTHA JT	190 N 100 EAST	PLEASANT GROVE	UT	84062
938 PONTIOUS, TIMOTHY & NANCY	472 W 2600 NORTH	PLEASANT GROVE	UT	84062
939 POPE, CHAD L & ANGIE B	132 W 1800 NORTH	PLEASANT GROVE	UT	84062
940 PORTER, PAUL E & DENICE T JT	495 E 300 SOUTH	PLEASANT GROVE	UT	84062
941 PORTER, TROY & AMY JT	820 N 1300 WEST	PLEASANT GROVE	UT	84062
942 POWELL, MICHAEL & REAGAN JT	1535 W 80 SOUTH	PLEASANT GROVE	UT	84062
943 PRENTICE, TOM & BONNIE L JT	620 W 1800 NORTH	PLEASANT GROVE	UT	84062
944 PRICE, DARRYN M	2711 KINGS FOREST DR	KINGWOOD	TX	77339
945 PRICE, JOEL & ABAGAIL JT	2588 N 600 WEST	PLEASANT GROVE	UT	84062
	90 S PROCTOR LA		UT	84062
,		PLEASANT GROVE	UT	
	90 S 1300 WEST	PLEASANT GROVE	+	84062
948 PROCTOR, THOMAS R & AFTON P JT	230 S 1300 WEST	PLEASANT GROVE	UT	84062
949 PROFESSIONAL PLAZA AT THE GROVE LLC	220 S PLEASANT GROVE BLVD	PLEASANT GROVE	UT	84062
950 PROVO LAND EXCHANGE II LC	255 E 100 SOUTH	PROVO	UT	84606
951 QUIK FIX INC	7356 N 6500 WEST	AMERICAN FORK	UT	84003
952 QUINTERO, ROBERT A & HILLARY JT	902 W 260 SOUTH	PLEASANT GROVE	UT	84062
953 R J ESTATES LLC	775 REDFORD DR	PROVO	UT	84604
954 R W INVESTMENT LLC	115 N GENEVA RD	OREM	UT	84057
955 R.A.D. INVESTMENTS LTD UTAH LIMITED	55 E CENTER ST	PLEASANT GROVE	UT	84062
956 RADMALL, MELVIN R & DENISE D	360 N 500 EAST	AMERICAN FORK	UT	84003
957 RAFF, DAYNE	1974 W 1500 NORTH	LEHI	UT	84043
958 RAFINER, LARRRY L & JOLENE W JT	371 E 500 SOUTH	PLEASANT GROVE	UT	84062
959 RAGAN, SHERRY E ET AL	637 N 1010 WEST	PLEASANT GROVE	UT	84062
960 RAI CORPORATION ET AL AN INT	210 N PRESTON DR	ALPINE	UT	84004
961 RAMESON, TAMERA B & RICHARD M JT	1736 N 70 EAST	PLEASANT GROVE	UT	84062
962 RAMOS, LOURDES	3454 MIRROR CIR	SARATOGA SPRINGS	UT	84045
963 RAPIER, RYAN & ADRA R JT	1809 GARDEN DR	PLEASANT GROVE	UT	84062
964 RASBAND, RYAN D & REVA J JT	4625 FERGUSON WAY	CEDAR HILLS	UT	84062
965 RASMUSSEN, DENNIS A & SANDRA TEE	864 S 1150 EAST	PLEASANT GROVE	UT	84062
966 RASMUSSEN, MILTON K & CHERYL JT	1524 W 1800 NORTH	PLEASANT GROVE	UT	84062
967 RAWLINGS, JAN LORIS	147 E 400 NORTH	PLEASANT GROVE	UT	84062
968 RDF PROPERTIES LLC ET AL	10568 N 5900 WEST	HIGHLAND	UT	84003
		-	UT	
969 REASON, MICHAEL A	121 E 1500 NORTH	PLEASANT GROVE	 	84062
970 REBER, ROBERT J	325 S 100 EAST	PLEASANT GROVE	UT	84062

071	REDWING PROPERTIES LLC	11019 N 5500 WEST	HIGHLAND	UT	84003
	RENAISSANCE AT INDIAN SPRINGS HOMEOW	1391 RENAISSANCE PL	PLEASANT GROVE	UT	84062
	RENSHAW, LANCE G	349 E 280 SOUTH	ALPINE	UT	84002
		2725 CANYON RD	PLEASANT GROVE	UT	84062
	RENSHAW, STEPHEN R & JOSLYN JT REYNOLDS, DAVID J & JULIE A JT	1042 W 500 NORTH	PLEASANT GROVE	UT	84062
	RHA COMMUNITY SERVICES OF UTAH INC	3060 W PEACHTREE RD #1150	ATLANTA	GA	30305
	RICHARDS, MONICA H & DAVID M JT	402 S 420 EAST	PLEASANT GROVE	UT	84062
	RICHARDSON, GREGORY L & HOLLY JT	882 W 2800 NORTH	PLEASANT GROVE	UT	84062
	RICHINS, IDONNA E	542 W 2600 NORTH	PLEASANT GROVE	UT	84062
	RICHMITCH PROPERTIES LLC	695 W STATE RD	PLEASANT GROVE	UT	84062
	RICKERS, ED	372 N 1130 EAST	LINDON	UT	84042
	RIGGS, JOSEPH W	2337 N 1050 WEST	PLEASANT GROVE	UT	84062
	RIGHTSELL, JIMMY L & COLLEEN JT	65 N 100 EAST	PLEASANT GROVE	UT	84062
	RIRIE, CRAIG M & BECKY A JT	141 W 2600 NORTH	PLEASANT GROVE	UT	84062
	RJJJ INVESTMENTS LC	492 S 250 WEST	PLEASANT GROVE	UT	84062
	RLK PROPERTIES L.C.	570 W 100 SOUTH	LINDON	UT	84042
	RMAK HOLDINGS LLC	10245 DOWNING DR	CEDAR HILLS	UT	84062
	ROBBINS, TYRAN J & KRISTEN B JT	717 W 2240 NORTH	PLEASANT GROVE	UT	84062
	ROBERTS, KONNIE	2931 N 1130 WEST	PLEASANT GROVE	UT	84062
	ROBERTSON, JOHN M & C KAIRA JT	317 E 1640 NORTH	PLEASANT GROVE	UT	84062
	ROBINSON, GARY N & TRACIE R JT	54 W 1800 NORTH	PLEASANT GROVE	UT	84062
992	ROBINSON, GENE B & KAREN T JT	PO BOX 1832	OREM	UT	84059
993	ROBINSON, JAY K & JEAN B JT	375 PAHVANT DR	RICHFIELD	UT	84701
994	ROBINSON, JEFFERY L & EILEEN JT	998 W 2600 NORTH	PLEASANT GROVE	UT	84062
995	ROBISON, JASON & AUBREY JT	963 W 670 SOUTH #16	PLEASANT GROVE	UT	84062
996	ROCKY MOUNTAIN WELDING HOLDING LC	PO BOX 397	PLEASANT GROVE	UT	84062
997	RODDA, LORELL L	4004 SAWGRASS	CEDAR HILLS	UT	84062
998	ROGERS, DONALD R & WENDY S JT	7300 BEIJING PL	DULLES	VA	20189
999	ROHMER, BRETT F & KAY W	1830 N 1300 WEST	PLEASANT GROVE	UT	84062
1000	ROMERO, CYNTHIA D	613 N 600 WEST	AMERICAN FORK	UT	84003
1001	RONALD P FAKLER FAMILY LIMITED PARTN	2572 STONEBURY LOOP RD	SPRINGVILLE	UT	84663
1002	ROSS, JACOB & MELANIE JT	838 E 500 NORTH	AMERICAN FORK	UT	84003
1003	ROTHE, EDGAR F & LU ANN	1362 RENAISSANCE PL	PLEASANT GROVE	UT	84062
1004	ROTHE, RUTH H ET AL TEE	1432 RENAISSANCE PL	PLEASANT GROVE	UT	84062
1005	ROUNDY, MICHAEL & BECKY JT	4554 CANYON RD	PLEASANT GROVE	UT	84062
1006	ROUTSONG, NATHAN & TARA JT	3647 PAIGE LN	CEDAR HILLS	UT	84062
1007	ROWLEY, DENNIS E & DENICE C ET AL	128 S 100 WEST	AMERICAN FORK	UT	84003
1008	ROWLEY, GRANT A	695 W 1285 NORTH	OREM	UT	84057
	RSP LTD	PO BOX 345	PLEASANT GROVE	UT	84062
1010	RUIZ, CHRIS D & ANITA ET AL JT	1161 W 1800 NORTH	PLEASANT GROVE	UT	84062
	RUIZ, MIGUEL	1365 W 50 NORTH	PLEASANT GROVE	UT	84062
	S & T PROPERTIES LC	897 W 2225 SOUTH	WOODS CROSS	UT	84087
	SADERUP, BRUCE	1156 ALTON WAY	SALT LAKE CITY	UT	84108
	SADLER, SHELDON M	355 W 3340 NORTH	PLEASANT GROVE	UT	84062
	SAGE, TERRY M & ELEANOR L TEE	660 W STATE RD	PLEASANT GROVE	UT	84062
	SAGER, D LORRAINE ET AL	357 N 950 EAST	AMERICAN FORK	UT	84003
	SALMON, DAVID C	1555 N 150 EAST	PLEASANT GROVE	UT	84062
	SAMPSON, DALE W & CYNTHIA D JT	410 S LOCUST AV	PLEASANT GROVE	UT	84062
	SAMPSON, HELEN	95 N 1620 WEST	PLEASANT GROVE	UT	84062
	SANFORD, CHRISTEL B TEE SANTAI MEHRIZY, REZA ET AL	13478 OAKRIDGE DR	ALPINE OREM	UT	84004 84097
	SAPP, GREGORY L & JAYNE A JT	1087 N 1050 EAST 365 E 300 SOUTH	PLEASANT GROVE	UT	84062
	SARGENT, HAROLD	112 E 700 SOUTH	PLEASANT GROVE	UT	84062
	SAVAGE, LARAE T	9093 CANYON HEIGHTS DR	CEDAR HILLS	UT	84062
	SAVAGE, NEAL & LA RAE ET AL	6340 S 3000 EAST #600	SALT LAKE CITY	UT	84121
	SAVAGE, NEAL & T LUKE ET AL	6340 S 3000 EAST #600	SALT LAKE CITY	UT	84121
	SCHAEFER, DARIN S & GRACE S JT	1865 N 100 EAST	PLEASANT GROVE	UT	84062
	SCHMUHL, SANDRA L	91 E 700 SOUTH	PLEASANT GROVE	UT	84062
	SCHOUTEN, DAVID J	641 N 1300 WEST	PLEASANT GROVE	UT	84062
	SCHOW'S RANCHETTE FAMILY LIMITED PAR	2445 CANYON RD	PLEASANT GROVE	UT	84062
	SCHOW, ROBERT	3548 NORTH 900 WEST	PLEASANT GROVE	UT	84062
	SCHOW, CRAIG W & SUSAN M JT	2547 N 100 EAST	PLEASANT GROVE	UT	84062
	SCHRAM, MATTHEW & ANAHI JT	295 N 100 EAST	PLEASANT GROVE	UT	84062
	SCOTT, KAY LAMAR	931 W 1800 NORTH	PLEASANT GROVE	UT	84062
	SCOTT, RONALD E & ANNA M JT	2148 N 1300 WEST	PLEASANT GROVE	UT	84062
	-	•	•		

1006 SCE SINVESTMENTS LLC PO RICK 1051 PLEASANT GROVE UT 84002 SOLES SOLES	4000 000 1011/5075 455175 1 1 0	Inc. nov. 40.40	DI FACANT ODOVE	l	0.4050
1938 SEDVY, PATRICK & ALLYSE IT					
1038 SHADPWOOD, FAULL AINLEGE	,				
1000 SHARPLOW, PAULALAMERE 2-566 RENAISSANCE PL PLEASANT GROVE UT 84002		2105 TUSCANY WAY	PLEASANT GROVE		
104 SEMAN, JONATHAN & STEPHANIE V. IT. 263 N BOD AST 26 SHELLEY, RISTINA LE ARADON K.IT. 260 W 1500 NORTH PERSANNI GROVE UT. 84002. 104 SHEPLERS, ROLLE & SANDY SELECT & SERVICE	1039 SHADYWOOD LLC	6084 S 900 EAST #202	SALT LAKE CITY	UT	84121
1047 SHELLEY, RIBNA G & GINA L. IT. 270 W 130N ONORTH PLEASANT GROVE 107 SHOOL 364 SHEPHERD, PAUL & SANDY 585 LOCUST AV PLEASANT GROVE 107 SHOOL 364 SHEPHERD, PAUL & SANDY 586 LOCUST AV PLEASANT GROVE 107 SHOOL 360 SHEPHERD, PAUL & SANDY 586 LOCUST AV PLEASANT GROVE 107 SHOOL 360 SHEPHERD, PAUL & SANDY 108 SHOOL 360 SHEPHERD, PAUL & SANDY 108 SHEPHERD, PAUL & SANDY 109 SHEPHERD, PAUL & SANDY 109 SHEPHERD, PAUL & SANDY 100 SH	1040 SHARDLOW, PAULA JANIECE	2566 RENAISSANCE PL	PLEASANT GROVE	UT	84062
1043 SHELLEY, RISTINAL IA SARON KIT	1041 SHAW, JONATHAN & STEPHANIE V JT	283 N 960 EAST	PLEASANT GROVE	UT	84062
1044 SHEPHERD, PAUL & SANDY 1045 SHEPHERD, NODINY & CARDIVYN 1046 SHILL, MATTHEW P & JUBALEN JT 1046 SHILL, MATTHEW P & JUBALEN JT 1058 SHILL, MATTHEW P & JUBALEN JT 1059 SHILL, MATTHEW P & JUBALEN JT 1050 SHAPATH SHOW P & JUBALEN JT 1050 SHAPATH SHOW SHAP SHAP SHAP SHAP SHAP SHAP SHAP SHAP	1042 SHELLEY, BRIAN G & GINA L JT	270 W 1800 NORTH	PLEASANT GROVE	UT	84062
1945 SIEPHEED, RODNEY & CARDLYN 590 E SON ORTH UNDON UT 84002	1043 SHELLEY, KRISTINA L & AARON K JT	9804 CANYON RD	PLEASANT GROVE	UT	84062
1045 SHEPHERD, RODNEY & CARDUYN 590 E SO NORTH UNDON UT 84042 1047 SHOEL, JOHN F. & MARIANNE T 73 E 120 NORTH PLEASANT GROVE UT 84062 1047 SHOEL, JOHN F. & MARIANNE T 73 E 120 NORTH PLEASANT GROVE UT 84062 1048 SHUMADN, KAY G. & LINDA IT 120 E 700 SOUTH PLEASANT GROVE UT 84062 1049 SHUMMAY, KAY G. & LINDA IT 120 E 700 SOUTH PLEASANT GROVE UT 84062 1059 SHUPTHER DONAID C. & LONDAID C. & LONDA	1044 SHEPHERD, PAUL & SANDY	538 S LOCUST AV	PLEASANT GROVE	UT	84062
1046 SHILL MATTHEW P & JUBALEN JT 3688 N 1270 WEST PLEASANT GROVE UT 84002 1048 SHUMSON PROPERTES LC 915 S00 EAST 8100 AMERICAN FORK UT 84003 1048 SHUMSON PROPERTES LC 915 S00 EAST 8100 AMERICAN FORK UT 84003 1048 SHUMSON PROPERTES LC 915 S00 EAST 8100 AMERICAN FORK UT 84003 1050 SHIRTUR. DONALD C 8100A TE 957 FRINDAL AV 105 FOR SHART GROVE UT 84002 1050 SHIRTUR. DONALD C 8100A TE 957 FRINDAL AV 105 FOR SHART GROVE UT 84002 1050 SHIRTUR. DONALD C 8100A TE 957 FRINDAL AV 105 FOR SHART GROVE UT 84002 1051 SIRECT TORS & CARDON TO 8100 SHIRTUR. DONALD C 8100A TE 95 S00 SDUTH PLEASANT GROVE UT 84002 1051 SIRECT SHART RESPONSE AND THE 9572 FRINDAL AV 105 FOR SHART GROVE UT 84002 1051 SIRECT SHART RESPONSE AND THE 95 S00 SDUTH PLEASANT GROVE UT 84002 1051 SIRECT SHART RESPONSE AND THE 95 S00 SDUTH PLEASANT GROVE UT 84002 1051 SIRECT SHART RESPONSE AND THE 95 S00 SDUTH PLEASANT GROVE UT 84002 1051 SIRECT SHART RESPONSE AND THE 95 S00 SDUTH PLEASANT GROVE UT 84002 1051 SIRECT SHART RESPONSE AND THE 95 S00 SDUTH PLEASANT GROVE UT 84002 1051 SIRECT SHART RESPONSE AND THE 95 S00 SDUTH PLEASANT GROVE UT 84002 1051 SIRECT SHART SHART RESPONSE AND THE 95 S00 SDUTH PLEASANT GROVE UT 84002 1057 SIRECT SHART SH		540 E 500 NORTH	LINDON	UT	84042
1047 SHOELL, JOHN F. & MARIANNET 7 73 E 1200 NORTH PLEASANT GROVE UT 84002 1049 SHUMWAY, KAY G. & LINDA. 1T 120 E 700 SOUTH PLEASANT GROVE UT 84002 1049 SHUMWAY, KAY G. & LINDA. 1T 120 E 700 SOUTH PLEASANT GROVE UT 84002 1055 SIGNET WITH PLEASANT GROVE UT 84002 1055 SHURTER WITH PLEASANT GROVE UT 84002 1055 SHURTER WILLIAM REVERS WILL	-				
1048 STUNNSON PROPERTIES LIC 105 SEVENTAGE, AND CAS JOAN TER 105 STUNNSON PROPERTIES LIC 105 SEVENTAGE, AND CAS JOAN TER 105 SEVENTAGE, PONALO CA JOAN T	·				
1949 SIUMWAY, KAY G & LINDA					
1905 SIRTELITE, DONALD C& JOAN TEC 1907 FERNIDALE AV 1907 1908 1918 19					
1951 SIBLEY, TROY R. & CANDACE C. JT					
1002 SIDDOWAY, WILLIAM R. R.NIA. TEE				+	
10353 SIDING GUYS INCT HE PO BOX 50624 PROVO UT 84062 10454 SILVER REFER DEVELOPMENT GROUP LLC 3651 N DO SAST #350 PROVO UT 84062 1055 SISPE DAVID A ET AL 188 MAPIE IN PLEASANT GROVE UT 84062 1056 SIAP ROPERTIES LC UTAH LLC 330 S MAIN ST PLEASANT GROVE UT 84062 1057 SEPC INC 3348 N 900 WEST PLEASANT GROVE UT 84062 1058 SLADE, RYAN L 134 W 725 NORTH LINDON UT 84062 1058 SLADE, RYAN L 134 W 725 NORTH LINDON UT 84062 1059 SMART, JONEY L 8, KAREN B . JT 9775 N 4000 WEST PLEASANT GROVE UT 84062 1059 SMART, JONEY L 8, KAREN B . JT 9775 N 4000 WEST PLEASANT GROVE UT 84062 1062 SMITH, CLAYN R 8, KAREN D . JT 9775 N 4000 WEST PLEASANT GROVE UT 84062 1063 SMITH, CLAYN R 8, WAREN D . JT 1822 TUSCANY WAY PLEASANT GROVE UT 84062 1064 SMITH, CLAYN R 8, WAREN D . JT 1822 TUSCANY WAY PLEASANT GROVE UT 84062 1065 SMITH, CLAYN R 8, WAREN D . JT 1822 TUSCANY WAY PLEASANT GROVE UT 84062 1066 SMITH, CLAYN R 8, WAREN D . JT 1824 TUSCANY WAY PLEASANT GROVE UT 84062 1066 SMITH, CLAYN R 8, WAREN D . JT 1824 TUSCANY WAY PLEASANT GROVE UT 84062 1066 SMITH, CLAYN R 8, WAREN D . JT 1850 M 100 EAST PLEASANT GROVE UT 84062 1067 SMITH, GLARI H 8 LINDA D . JT 1860 N 100 EAST PLEASANT GROVE UT 84062 1068 SMITH, GLARI H 8 LINDA D . JT 1860 N 100 EAST PLEASANT GROVE UT 84062 1067 SMITH, GLARI H 8 LINDA D . JT 1860 N 100 EAST PLEASANT GROVE UT 84062 1067 SMITH, GLARI H 8 LINDA D . JT 1860 N 100 EAST PLEASANT GROVE UT 84062 1067 SMITH, GLARI H 8 LINDA D . JT 1860 N 100 EAST PLEASANT GROVE UT 84062 1067 SMITH, GLARI H 8 LINDA D . JT 1860 N 100 EAST PLEASANT GROVE UT 84062 1067 SMITH, JANES G & DOROTHY H TEE 1121 GROVE CREEK DR PLEASANT GROVE UT 84062 1068 SMITH, GLARI H 8 LINDA D . JT 1860 N 100 EAST PLEASANT GROVE UT 84062 1071 SMITH, JERRY P & BARBARA J TEE 124 S MAIN ST 1860 S PRINGWILLE UT 84062 1072 SMITH, JERRY P & BARBARA J TEE 124 S MAIN ST 1860 S PRINGWILLE UT 84062 1073 SMITH, JERRY P & BARBARA J TEE 124 S MAIN ST 1860 S PRINGWILLE UT 84062 1074 SMITH, JERRY P & BARBARA J TEE 124 S MAIN ST 1860 S PRINGWILLE UT 84062 1075 SMITH, JERRY P & B	·				
1945 SIVER CREEK DEVELOPMENT GROUP LLC					
1955 SEP, DAVID A FT AL 190 MAPLE IN PLEASANT GROVE UT 84062 1057 SEPC INC 3294 N 900 WEST PLEASANT GROVE UT 84062 1058 SLADE, RYAN I. 134 W 725 NORTH LINDON UT 84062 1058 SLADE, RYAN I. 134 W 725 NORTH LINDON UT 84062 1058 SLADE, RYAN I. 1060 SMART, SIDNEY I. & KAREN B . JT 9775 N 4000 WEST PLEASANT GROVE UT 84062 1062 SMITH, CALYON R & BLOVEC MET A TEE 2015 MAN ST #1100 SALT LAKE CITY UT 84061 1063 SMITH, CALYON R & MISTY K . JT 84062 1062 SMITH, CALYON R & MISTY K . JT 1152 TUSCANY WAY PLEASANT GROVE UT 84062 1063 SMITH, CALYON R & MISTY K . JT 1252 TUSCANY WAY PLEASANT GROVE UT 84062 1064 SMITH, CALYON R & MISTY K . JT 1254 SMAPLE IN PLEASANT GROVE UT 84062 1065 SMITH, CALYON R & MISTY K . JT 1255 MAPLE IN PLEASANT GROVE UT 84062 1066 SMITH, CALEW MARY TEE 591 N 900 WEST PLEASANT GROVE UT 84062 1066 SMITH, CALEW RASH TEE 591 N 900 WEST PLEASANT GROVE UT 84062 1067 SMITH, CALEW HASH TEE 591 N 900 WEST PLEASANT GROVE UT 84062 1067 SMITH, CALEW HASH TEE 591 N 900 WEST PLEASANT GROVE UT 84062 1067 SMITH, CALEW HASH TEE 591 N 900 WEST PLEASANT GROVE UT 84062 1067 SMITH, CAREN T B & HOLLYM JT 2162 VERONA CIR PLEASANT GROVE UT 84062 1067 SMITH, JANIE S & DOROTHY H TEE 1121 GROVE CREEK DR PLEASANT GROVE UT 84062 1068 SMITH, JANIE S & DOROTHY H TEE 1121 GROVE CREEK DR PLEASANT GROVE UT 84062 1071 SMITH, JERRY P & BABBARA J TEE 471 N 2000 NORTH PLEASANT GROVE UT 84062 1076 SMITH, JANIE S & DOROTHY H TEE 1121 GROVE CREEK DR PLEASANT GROVE UT 84062 1076 SMITH, JANIE S & DOROTHY H TEE 1121 GROVE CREEK DR PLEASANT GROVE UT 84062 1076 SMITH, JANIE S & BOROTHY H TEE 1121 GROVE CREEK DR PLEASANT GROVE UT 84062 1077 SMITH, JERRY P & BABBARA J TEE 471 N 2000 NORTH PLEASANT GROVE UT 84062 1078 SMITH, JANIE S & DOROTHY H TEE 1121 GROVE CREEK DR PLEASANT GROVE UT 84062 1079 SMITH, JANIE S & HOLLYM 1070 SMITH, JANIE S & JANIE S & HOLLYM 1070 SMITH, JANIE S & JANIE S & HOLLYM 1070 SMITH, JANIE S & BOROTHY H TEE 1121 GROVE CRE					
1956 S.A. PROPERTIES LC UTAH LLC 310 S MAIN ST PLEASANT GROVE UT 84062 1957 SKPC INC 3548 N 900 WEST PLEASANT GROVE UT 84062 1958 SLADE, RYAN L 1959 SMART, JOYCE M 81 JOYCE M ET A TEE 201 S MAIN ST #1100 SALT LAKE CITY UT 84111 1959 SMART, JOYCE M 81 JOYCE M ET A TEE 201 S MAIN ST #1100 SALT LAKE CITY UT 84111 1959 SMART, JOYCE M 81 JOYCE M ET A TEE 201 S MAIN ST #1100 SALT LAKE CITY UT 84111 1959 SMITH, CLAYN R & KAREN B JT 9775 N 4000 WEST PLEASANT GROVE UT 84062 1061 SMITH, SURVI R & KAREN D JT 1122 SMITH, LAVIN R & KAREN D JT 1125 SMOTH L 1125 SMOTH L 1125 SMOTH L 1125 SMOTH L 1126	1054 SILVER CREEK DEVELOPMENT GROUP L.L.C	3651 N 100 EAST #350	PROVO	UT	84604
1657 SAPC INC	1055 SIPE, DAVID A ET AL	180 MAPLE LN	PLEASANT GROVE	UT	84062
1988 S.ADE, RYANL 1989 SMART, JOYCE M & JOYCE M ET A TEE 20 15 MAINT ST #1100 SALT LAKE CITY UT 84101 1060 SMART, SIONEY 18 KAREN B JT 975 N 4000 WEST PLESANTI GROVE UT 84062 1061 SMITH, EETTY J & DON L TEE 371 E 700 NORTH PLESANTI GROVE UT 84062 SMITH, CLAYTON R & MAREN D JT 1822 TUSCANY WAY PLESANTI GROVE UT 84062 1063 SMITH, CLAYTON R & MISTY K JT 155 MAPLE IN PLESANTI GROVE UT 84062 1064 SMITH, CLAYTON R & MISTY K JT 155 MAPLE IN PLESANTI GROVE UT 84062 1065 SMITH, CLAYTON R & MISTY K JT 155 MAPLE IN PLESANTI GROVE UT 84062 1066 SMITH, CALLER MARY TEE 591 N 600 WEST PLESANTI GROVE UT 84062 1065 SMITH, CALLER MARY TEE 591 N 600 WEST PLESANTI GROVE UT 84062 1066 SMITH, CALLER MARY TEE 591 N 600 SOUTH PLESANTI GROVE UT 84062 1067 SMITH, GRIGH R & LINDAD D JT 1690 N 100 EAST PLESANTI GROVE UT 84062 1068 SMITH, GRIGH R & HOLLY M JT 2162 VERDNA CIR SMITH, GRINE B & KATHY R TEE 471 W 2600 NORTH PLESANTI GROVE UT 84062 1068 SMITH, JAMES G & DORTHYH T TEE 471 W 2600 NORTH PLESANTI GROVE UT 84062 1070 SMITH, JERRY 135 W CENTER PLESANTI GROVE UT 84062 1071 SMITH, JERRY P & BARBARA J ET EE 478 W 2900 NORTH PLESANTI GROVE UT 84062 1072 SMITH, JERRY P & BARBARA J ET EE 224 SMIN ST 4956 SPRINCVILLE UT 84062 1073 SMITH, MINDY 1073 SMITH, MINDY 1074 SMITH, JERRY P & BARBARA J ET EE 224 SMIN ST 4956 SPRINCVILLE UT 84062 1075 SMITH, JERRY P & BARBARA J ET EE 224 SMIN ST 4956 SPRINCVILLE UT 84062 1075 SMITH, JERRY P & BARBARA J ET EE 224 SMIN ST 4956 SPRINCVILLE UT 84062 1075 SMITH, JERRY P & BARBARA J ET EE 224 SMIN ST 4956 SPRINCVILLE UT 84062 1075 SMITH, JERRY P & BARBARA J ET EE 226 ROBINWOOD DR TAYLORSVILLE UT 84062 1075 SMITH, STANLEY B & MARY K J J 320 A DOO WEST PLESANTI GROVE UT 84062 1075 SMITH, STANLEY B & MARY K J J 320 A DOO WEST PLESANTI GROVE UT 84062 1075 SMITH, STANLEY B & MARY K J J 320 A DOO WEST PLESANTI GROVE UT 84062 1076 SMITH, JERRY P & BARBARA J T EE 2071 N 300 WEST PLESANTI GROVE UT 84062 1075 S	1056 SJA PROPERTIES LC UTAH LLC	330 S MAIN ST	PLEASANT GROVE	UT	84062
1959 SMART, JOYCE M. B. JOYCE M. ET AT TEE 201 S. MAIN ST #1100 SALT LAKE CITY UT 84111	1057 SKPC INC	3548 N 900 WEST	PLEASANT GROVE	UT	84062
1059 SMART, JOYCE M & JOYCE M ET ATEE 201 SMAIN # \$1100 SMART, SIDNEY L & KAREN B JT 3775 N 4000 WEST PLESANT GROVE UT 84062 1061 SMITH, BETTY J & DON L TEE 371 E 700 NORTH PLESANT GROVE UT 84062 1062 SMITH, CLAYTO R & MARY 1063 SMITH, CLAYTO R & MARY 1063 SMITH, CLAYTO R & MARY 1063 SMITH, CLAYTO R & MARY 1064 SMITH, CLAYTO R & MARY 1064 SMITH, CLAYTO R & MARY 1075 SMITH, SCHOOL J 1075 SMITH, SCHOOL J 1076 SMITH, CLAYTO R & MARY 1076 SMITH, CLAYTO R & MARY 1076 SMITH, CLAYTO R & MARY 1077 SMITH, SCHOOL J 1077 SMITH, JACK SHARE 1077 SMITH, JACK SHARE 1077 SMITH, JACK SHARE 1077 SMITH, JACK SHARE 1078 SMITH, SCHOOL SHARE 1078 SMITH, SCHOOL SHARE 1078 SMITH, SCHOOL SHARE 1079 SMITH, JACK SHARE 1079 SHARE 1079 SMITH, JACK SHARE	1058 SLADE, RYAN L	134 W 725 NORTH	LINDON	UT	84042
1606 SMART, SIDNEY L& KAREN B JT 977S N 4000 WEST PLEASANT GROVE UT 84062 SMITH, LGRYN R & KAREN O JT 1822 TUSCANY WAY PLEASANT GROVE UT 84062 SMITH, LCAYN R & KAREN O JT 1822 TUSCANY WAY PLEASANT GROVE UT 84062 SMITH, LCAYN R & KAREN O JT 1822 TUSCANY WAY PLEASANT GROVE UT 84062 SMITH, LCAYN R & KAREN O JT 1822 TUSCANY WAY PLEASANT GROVE UT 84062 SMITH, CLAYN R & KAREN O JT 1822 TUSCANY WAY PLEASANT GROVE UT 84062 SMITH, CLAYN R & KAREN O JT 1855 MAPLE IN PLEASANT GROVE UT 84062 SMITH, CLAYN R & KAREN O JT 1855 MAPLE IN PLEASANT GROVE UT 84062 SMITH, CRAIG R & LINDA D JT 1869 N 100 EAST PLEASANT GROVE UT 84062 SMITH, CRAIG R & LINDA D JT 1869 N 100 EAST PLEASANT GROVE UT 84062 SMITH, CARIG R & LINDA D JT 1869 N 100 EAST PLEASANT GROVE UT 84062 SMITH, CARIG R & LINDA D JT 1869 N 100 EAST PLEASANT GROVE UT 84062 SMITH, GARRET B & HOLLY M JT 2162 VERONA CIR PLEASANT GROVE UT 84062 SMITH, GARRET B & HOLLY M JT 2162 VERONA CIR PLEASANT GROVE UT 84062 SMITH, JERRY 1850 W CENTER PLEASANT GROVE UT 84062 SMITH, JERRY 135 W CENTER PLEASANT GROVE UT 84062 SMITH, JERRY 135 W CENTER PLEASANT GROVE UT 84062 SMITH, JERRY 1850 W CENTER PLEASANT GROVE UT 84062 SMITH, JERRY P & BARRARA J TEE 448 W 2900 NORTH PLEASANT GROVE UT 84062 SMITH, JERRY P & BARRARA J ETTEE 224 SMAIN ST HAS 5 SPRINGFULLE UT 84063 SMITH, JERRY P & BARRARA J ETTEE 224 SMAIN ST HAS 5 SPRINGFULLE UT 84063 SMITH, JERRY P & BARRARA J TEE 224 SMAIN ST HAS 5 SPRINGFULLE UT 84062 SMITH, JERRY P & BARRARA J ETTEE 224 SMAIN ST HAS 5 SPRINGFULLE UT 84062 SMITH, JERRY P & BARRARA J ETTEE 224 SMAIN ST HAS 5 SPRINGFULLE UT 84063 SMITH, JERRY P & BARRARA J ETTEE 224 SMAIN ST HAS 5 SPRINGFULLE UT 84062 SMITH, JERRY P & BARRARA J ETTEE 224 SMAIN ST HAS 5 SPRINGFULLE UT 84062 SMITH, JERRY P & BARRARA J ETTEE 226 SMAIN ST HAS 5 SPRINGFULLE UT 84062 SMITH, JERRY P & BARRARA J ETTEE 226 SMAIN ST HAS 5 SPRINGFULLE UT 84062 SMITH, JERRY P & BARRARA J ETTEE 226 ROBINNOOD DR TAVICOSVILLE UT 84062 SMITH, JERRY P & BARRARA J ETTEE 226 ROBINNOOD DR TAVICOSVILLE UT 84062 SMITH, JERRY	-			UT	84111
1061 SMITH, BETTY J. BONL TEE 371 E 700 NORTH PLEASANT GROVE UT 84062 1063 SMITH, CLAYTON R & MISTY K JT 155 MAPLE IN PLEASANT GROVE UT 84062 1064 SMITH, CLAYTON R & MISTY K JT 155 MAPLE IN PLEASANT GROVE UT 84062 1065 SMITH, COLLEEN MARY TEE 591 N 600 WEST PLEASANT GROVE UT 84062 1066 SMITH, CLAYTON R & MISTY K JT 155 MAPLE IN PLEASANT GROVE UT 84062 1067 SMITH, CRAIGH B & LINDA D JT 1690 N 100 EAST PLEASANT GROVE UT 84062 1068 SMITH, DAVID K & JANET S 635 E 1000 SOUTH PLEASANT GROVE UT 84062 1069 SMITH, DAVID K & JANET S 635 E 1000 SOUTH PLEASANT GROVE UT 84062 1069 SMITH, JANID K & JANET S 635 E 1000 SOUTH PLEASANT GROVE UT 84062 1069 SMITH, JANED S & KATHY R TEE 471 W 2600 NORTH PLEASANT GROVE UT 84062 1069 SMITH, JAMES G & DOROTHY H TEE 1121 GROVE CREEK DR PLEASANT GROVE UT 84062 1071 SMITH, JERRY P S BARBARA J E TEE 224 SMAIN ST 8456 1072 SMITH, JERRY P S BARBARA J ET TEE 224 SMAIN ST 8456 1073 SMITH, JERRY P S BARBARA J ET TEE 224 SMAIN ST 8456 1074 SMITH, JANID W 952 W 270 SOUTH #201 1075 SMITH, JANID W 952 W 270 SOUTH #201 1076 SMITH, JANID W 952 W 270 SOUTH #201 1077 SMITH, JERRY P & BARBARA J ET TEE 224 SMAIN ST 8456 1078 SMITH, JANID W 952 W 270 SOUTH #201 1078 SMITH, SOUTT LEROY ET AL 2920 ROBINWOOD DR TAYLORSVILLE UT 84062 1079 SMITH, SOUTT LEROY ET AL 2920 ROBINWOOD DR TAYLORSVILLE UT 84062 1078 SMITH, SOUTT LEROY ET AL 2920 ROBINWOOD DR TAYLORSVILLE UT 84062 1079 SMITH, WADE R & PATRICIA JT 1786 N 270 WEST PLEASANT GROVE UT 84062 1079 SMITH, WADE R & PATRICIA JT 1786 N 270 WEST PLEASANT GROVE UT 84062 1079 SMITH, WADE R & PATRICIA JT 1786 N 270 WEST PLEASANT GROVE UT 84062 1079 SMITH, WADE R & PATRICIA JT 1786 N 270 WEST PLEASANT GROVE UT 84062 1079 SMITH, WADE R & PATRICIA JT 1786 N 270 WEST PLEASANT GROVE UT 84062 1079 SMITH, WADE R & PATRICIA JT 1786 N 270 WEST PLEASANT GROVE UT 84062 1079 SMITH, SOUTH SERVICE THE TEE 2966 W 880 NORTH PLEASANT GROVE UT 84062 1079 SMITH, SOUTH SERVICE THE TEE 2966 W 880 NORTH PLEASANT GROVE UT 84062 1079 SMITH, SAND R & SERVICE AT	•				
1062 SMITH, CLAYNR R KAREN O					
1063 SMITH, CLAYTON R & MISTY K					
SMITH, COLLEEN MARY TEE	-				
1065 SMITH, CRAIGH & LINDA D					
1066 SMITH, DAVID K & JANET S 635 E 1000 SOUTH PLEASANT GROVE UT 84062 1067 SMITH, GARRETT B & HOLLY M JT 2162 VERONA CIR PLEASANT GROVE UT 84062 1068 SMITH, JERN P & KATHY R TEE 471 W 2500 NORTH PLEASANT GROVE UT 84062 1069 SMITH, JAMES G & DOROTHY H TEE 1121 GROVE CREEK DR PLEASANT GROVE UT 84062 1070 SMITH, JERRY P & BARBARA J TEE 148 W 2900 NORTH PLEASANT GROVE UT 84062 1071 SMITH, JERRY P & BARBARA J TEE 448 W 2900 NORTH PLEASANT GROVE UT 84062 1072 SMITH, JERRY P & BARBARA J TEE 248 MAIN ST #456 SPRINCVILLE UT 84063 1073 SMITH, JERRY P & BARBARA J TEE 248 MAIN ST #456 1074 SMITH, PAUL C 501 E 300 SOUTH PLEASANT GROVE UT 84062 1075 SMITH, SCOTT LEROY ET AL 2920 ROBINWOOD DR TAYLORSVILLE UT 84062 1075 SMITH, SCOTT LEROY ET AL 2920 ROBINWOOD DR TAYLORSVILLE UT 84062 1076 SMITH, SCOTT LEROY ET AL 2920 ROBINWOOD DR TAYLORSVILLE UT 84062 1077 SMITH, SCOTT LEROY ET AL 2920 ROBINWOOD DR TAYLORSVILLE UT 84062 1078 SMITH, WADE R & PATRICIA JT 186 N 270 WEST PLEASANT GROVE UT 84062 1079 SMITH, FOOD & DRUG CENTERS INC 3336 E 32ND 351 #217 1079 SMITH, FOOD & DRUG CENTERS INC 3336 E 32ND 351 #217 1080 SMOOT, ROBERT S & GAYLIA A TEE 1436 RENAISSANCE PL PLEASANT GROVE UT 84062 1081 SNICL, JOYD B TEE 765 W 2600 NORTH PLEASANT GROVE UT 84062 1082 SNIVER, GARY & LYNTETTE TEE 2966 W 880 NORTH PLEASANT GROVE UT 84062 1083 SOFOIFA, MARLON E & SANDRA K JT 112 N 1300 WEST PLEASANT GROVE UT 84062 1084 SOLARI, PATRICIA O SWOOD PO BOX 5628 1085 SORENSEN, SHANE D & CHRISTINE A 375 SLOCUST AV PLEASANT GROVE UT 84062 1086 SORENSEN, SHANE D & CHRISTINE A 375 SLOCUST AV PLEASANT GROVE UT 84062 1087 SORENSEN, SHANE D & CHRISTINE A 375 SLOCUST AV PLEASANT GROVE UT 84062 1088 SORENSEN, SHANE D & CHRISTINE A 375 SLOCUST AV PLEASANT GROVE UT 84062 1089 SORENSEN, SHANE D & CHRISTINE A 375 SLOCUST AV PLEASANT GROVE UT 84062 1091 STRINGEN, WESTER D & PLEASANT GROVE UT 84062 1092 STRINGEN, WESTER D & PLEASANT GROVE UT 84062 1093 STRINGEN, WESTER D & PLEASANT GROVE UT 84062 1094 STADER, MARY A ET AL 450 W STATE RD PLEASANT GROVE UT 84062 1095 STA	·				
1067 SMITH, GARRETT B & HOLLY M JT					
1068 SMITH, GLENN B & KATHY R TEE					
1069 SMITH, JAMES G & DOROTHY H TEE	1067 SMITH, GARRETT B & HOLLY M JT	2162 VERONA CIR	PLEASANT GROVE	UT	84062
1070 SMITH, JERRY P & BARBARA J TEE	1068 SMITH, GLENN B & KATHY R TEE	471 W 2600 NORTH	PLEASANT GROVE	UT	84062
1071 SMITH, JERRY P & BARBARA J TEE	1069 SMITH, JAMES G & DOROTHY H TEE	1121 GROVE CREEK DR	PLEASANT GROVE	UT	84062
1072 SMITH, JERRY P & BARBARA J ET TEE	1070 SMITH, JERRY	135 W CENTER	PLEASANT GROVE	UT	84062
1073 SMITH, MINDY 952 W 270 SOUTH #201 PLEASANT GROVE UT 84062 1074 SMITH, PAUL C 501 E 300 SOUTH PLEASANT GROVE UT 84062 1075 SMITH, SCOTT LEROY ET AL 2920 ROBINWOOD DR TAYLORSVILLE UT 84118 1076 SMITH, STANLEY B & MARY K JT 362 N 2000 WEST PLEASANT GROVE UT 84062 1077 SMITH, STANLEY B & MARY K JT 362 N 2000 WEST PLEASANT GROVE UT 84062 1078 SMITH, STANLEY B & MARY K JT 1786 N 270 WEST PLEASANT GROVE UT 84062 1078 SMITH, WADE R & PATRICIA JT 1786 N 270 WEST PLEASANT GROVE UT 84062 1078 SMITH, WADE R & PATRICIA JT 1786 N 270 WEST PLEASANT GROVE UT 84062 1079 SMITH SFOOD & DRUG CENTERS INC 3336 E 32ND ST #217 TULSA OK 74135 1080 SMIOT, ROBERT S & GAYLIA A TEE 1436 RENAISSANCE PL PLEASANT GROVE UT 84062 1081 SNELL, JOY B TEE 765 W 2600 NORTH PLEASANT GROVE UT 84062 1082 SNYDER, GAYR & LYNETTE TEE 2966 W 880 NORTH PLEASANT GROVE UT 84062 1082 SNYDER, GAYR & LYNETTE TEE 2966 W 880 NORTH PROVO UT 84061 1083 SOFIE, AMARION E & SANDRA K JT 1122 N 1300 WEST PLEASANT GROVE UT 84062 1084 SOLARI, PATRICIA OSWOOD PO BOX 5628 OROVILLE CA 95966 1085 SORENSEN, RODNEY S & REBECCA JT 1884 GLENDON CIR PLEASANT GROVE UT 84062 1086 SORENSEN, RODNEY S & REBECCA JT 1884 GLENDON CIR PLEASANT GROVE UT 84062 1086 SORENSEN, RODNEY S & REBECCA JT 1884 GLENDON CIR PLEASANT GROVE UT 84062 1087 SORENSEN, WESLEY R & PAMELA E JT 803 W 1500 NORTH PLEASANT GROVE UT 84062 1088 SORENSON, B DONALD & MARILYN JT 884 N 600 WEST PLEASANT GROVE UT 84062 1089 SOUTHAM, LESUE R & NANCY A ET AL 450 W STATE RD PLEASANT GROVE UT 84062 1090 SOUTHWORTH, LARRY & MARTY JT 3805 VALLEY VIEW DR CEDAR HILLS UT 84062 1091 SPINAL REHAP PROPERTIES LLC 9472 AZTEC DR CEDAR HILLS UT 84062 1091 SPINAL REHAP PROPERTIES LLC 9472 AZTEC DR CEDAR HILLS UT 84062 1095 STAKER, SCOTT 690 S 50 WEST PLEASANT GROVE UT 84062 1095 STANGER, MARK T & JENNY L JT 968 APPLE GROVE LN PLEASANT GROVE UT 84062 1095 STANGER, MARK T & JENNY L JT 948 PLEASANT GROVE UT 84062 1095 STANGER, MARK T & JENNY L JT 948 PLEASANT GROVE UT 84062 1095 STANGER, MARK T & JENNY L JT 948 PLEASANT GROVE UT 84062 10	1071 SMITH, JERRY P & BARBARA J TEE	448 W 2900 NORTH	PLEASANT GROVE	UT	84062
1074 SMITH, PAUL C 501 E 300 SOUTH PLEASANT GROVE UT 84062 1075 SMITH, SCOTT LEROY ET AL 2920 ROBINWOOD DR TAYLORSVILLE UT 84118 A016 SMITH, SCOTT LEROY ET AL 2920 ROBINWOOD DR TAYLORSVILLE UT 84118 A016 SMITH, STANLEY B & MARY K JT 362 N 2000 WEST PLEASANT GROVE UT 84062 1077 SMITH, TARA J & JASON P TEE 2071 N 1300 WEST PLEASANT GROVE UT 84062 1078 SMITH, WADE R & PATRICIA JT 1786 N 270 WEST PLEASANT GROVE UT 84062 1079 SMITHS FOOD & DRUG CENTERS INC 3336 E 32ND ST #217 TULSA OK 74135 800 SMOOT, ROBERT S & GAYLIA A TEE 1436 RENAISSANCE PL PLEASANT GROVE UT 84062 1081 SNELL, JOY B TEE 765 W 2600 NORTH PLEASANT GROVE UT 84062 1082 SNYDER, GARY & LYNETTE TEE 2966 W 880 NORTH PROVO UT 84061 1083 SOFOIFA, MARLON E & SANDRA K JT 1122 N 1300 WEST PLEASANT GROVE UT 84062 1084 SOLARI, PATRICIA OSWOOD PO BOX 5628 OROVILLE CA 95966 1085 SORENSEN, RODNEY S & REBECCA JT 1884 GLENDON CIR PLEASANT GROVE UT 84062 1086 SORENSEN, WESLEY R & PAMELA E JT 803 W 1500 NORTH PLEASANT GROVE UT 84062 1087 SORENSEN, WESLEY R & PAMELA E JT 803 W 1500 NORTH PLEASANT GROVE UT 84062 1088 SORENSON, B DONALD & MARILYN JT 884 N 600 WEST PLEASANT GROVE UT 84062 1089 SOUTHAM, LESUE R & NANCY A ET AL 450 W STATE RD PLEASANT GROVE UT 84062 1090 SOUTHWORTH, LARRY & MARTY JT 3805 VALLEY VIEW DR CEDAR HILLS UT 84062 1091 SPINAL REHAB PROPERTIES LLC 9472 AZTEC DR CEDAR HILLS UT 84062 1092 SRM REAL ESTATE LLC 1151 CEDAR RIDGE RD LEHI UT 84062 1094 STANGER, MARK T & JENNY L JT 968 APPLE GROVE LN PLEASANT GROVE UT 84062 1095 STANGER, MARK T & JENNY L JT 968 APPLE GROVE LN PLEASANT GROVE UT 84062 1096 STANGER, MARK T & JENNY L JT 968 APPLE GROVE LN PLEASANT GROVE UT 84062 1096 STANGER, SCOTT 690 S 50 WEST PLEASANT GROVE UT 84062 1096 STEPHENS, MA 1093 STEPHENSON, JOHN 107 84062	1072 SMITH, JERRY P & BARBARA J ET TEE	224 S MAIN ST #456	SPRINGVILLE	UT	84663
1074 SMITH, PAUL C 501 E 300 SOUTH PLEASANT GROVE UT 84062 1075 SMITH, SCOTT LEROY ET AL 2920 ROBINWOOD DR TAYLORSVILLE UT 84118 A016 SMITH, STANLEY B & MARY K JT 362 N 2000 WEST PLEASANT GROVE UT 84062 1077 SMITH, TARA J & JASON P TEE 2071 N 1300 WEST PLEASANT GROVE UT 84062 1078 SMITH, WADE R & PATRICIA 1079 SMITH, FOOD & DRUG CENTERS INC 3336 E 32ND ST #217 TULSA OK 74135 800 SMOOT, ROBERTS & GAYLIA A TEE 1436 RENAISSANCE PL PLEASANT GROVE UT 84062 1081 SNELL, JOY B TEE 765 W 2600 NORTH PLEASANT GROVE UT 84062 1082 SNYDER, GARY & LYNETTE TEE 2966 W 880 NORTH PROVO UT 84061 1083 SOFOIFA, MARLON E & SANDRA K JT 1122 N 1300 WEST PLEASANT GROVE UT 84062 1084 SOLARI, PATRICIA OSWOOD PO BOX 5628 OROVILLE CA 95966 1085 SORENSEN, RODNEY S & REBECCA JT 1884 GLENDON CIR 9 PLEASANT GROVE UT 84062 1086 SORENSEN, WESLEY R & PAMELA E JT 803 W 1500 NORTH PLEASANT GROVE UT 84062 1087 SORENSEN, WESLEY R & PAMELA E JT 803 W 1500 NORTH PLEASANT GROVE UT 84062 1088 SORENSEN, WESLEY R & PAMELA E JT 803 W 1500 NORTH PLEASANT GROVE UT 84062 1089 SOUTHAM, LESLIE R & NANCY A ET AL 450 W STATE RD 1090 SOUTHWORTH, LARRY & MARTY JT 3805 VALLEY VIEW DR 1091 SPINLA ETHAB PROPOPERTIES LLC 1094 STANCE AND SOUTH SHANG OF THE	1073 SMITH, MINDY	952 W 270 SOUTH #201	PLEASANT GROVE	UT	84062
1075 SMITH, SCOTT LEROY ET AL 2920 ROBINWOOD DR TAYLORSVILLE UT 84118 1076 SMITH, STANLEY B & MARY K JT 362 N 2000 WEST PLEASANT GROVE UT 84062 1077 SMITH, TARA J & JASON P TEE 2071 N 1300 WEST PLEASANT GROVE UT 84062 1078 SMITH, WADE R & PATRICIA JT 1786 N 270 WEST PLEASANT GROVE UT 84062 1079 SMITH, STOOD & DRUG CENTERS INC 3336 E 32ND ST #217 TULSA OK 74135 1080 SMOOT, ROBERT S & GAYLIA A TEE 1436 RENAISSANCE PL PLEASANT GROVE UT 84062 1081 SNELL, JOY B TEE 765 W 2600 NORTH PLEASANT GROVE UT 84062 1081 SOFLIF, GARY & LYNETTE TEE 2966 W 880 NORTH PROVO UT 84062 1082 SNYDER, GARY & LYNETTE TEE 2966 W 880 NORTH PROVO UT 84062 1083 SOFOIFA, MARLON E & SANDRA K JT 1122 N 1300 WEST PLEASANT GROVE UT 84062 1084 SOLAR, PATR	-	501 E 300 SOUTH	PLEASANT GROVE	UT	84062
1076 SMITH, STANLEY B & MARY K JT 362 N 2000 WEST PLEASANT GROVE UT 84062 1077 SMITH, TARA J & JASON P TEE 2071 N 1300 WEST PLEASANT GROVE UT 84062 1078 SMITH, WADE R & PATRICIA JT 1786 N 270 WEST PLEASANT GROVE UT 84062 1079 SMITHS FOOD & DRUG CENTERS INC 3336 E 32ND ST #217 TULSA OK 74135 1080 SMOOT, ROBERT S & GAYLIA A TEE 1436 RENAISSANCE PL PLEASANT GROVE UT 84062 1081 SNELL, JOY B TEE 765 W 2600 NORTH PLEASANT GROVE UT 84062 1082 SNYDER, GARY & LYNETTE TEE 2966 W 880 NORTH PROVO UT 84062 1083 SOFOIFA, MARLON E & SANDRA K JT 1122 N 1300 WEST PLEASANT GROVE UT 84062 1084 SOLARI, PATRICIA OSWOOD PO BOX 5628 OROVILLE CA 95966 1085 SORENSEN, RODNEY S & REBECCA JT 1884 GLENDON CIR PLEASANT GROVE UT 84062 <					
1077 SMITH, TARA J & JASON P TEE 2071 N 1300 WEST PLEASANT GROVE UT 84062 1078 SMITH, WADE R & PATRICIA JT 1786 N 270 WEST PLEASANT GROVE UT 84062 1079 SMITHS FOOD & DRUG CENTERS INC 3336 R 270 WEST TULSA OK 74135 1080 SMOOT, ROBERT S & GAYLIA A TEE 1436 RENAISSANCE PL PLEASANT GROVE UT 84062 1081 SMELL, JOY B TEE 765 W 2600 NORTH PLEASANT GROVE UT 84062 1083 SOFOIFA, MARLON E & SANDRA K JT 1122 N 1300 WEST PLEASANT GROVE UT 84062 1084 SOLARI, PATRICIA OSWOOD PO BOX 5628 OROVILLE CA 95966 1085 SORENSEN, RODNEY S & REBECCA JT 1884 GLENDON CIR PLEASANT GROVE UT 84062 1086 SORENSEN, SHANE D & CHRISTINE A 375 S LOCUST AV PLEASANT GROVE UT 84062 1087 SORENSEN, WESLEY R & PAMELA E JT 803 W 1500 NORTH PLEASANT GROVE UT 84062 1088 SOLTHAM, LESLIE R & NANCY A E	-			_	
1078 SMITH, WADE R & PATRICIA JT 1786 N 270 WEST PLEASANT GROVE UT 84062 1079 SMITHS FOOD & DRUG CENTERS INC 3336 E 32ND ST #217 TULSA OK 74135 1080 SMOOT, ROBERT S & GAYLIA A TEE 1436 RENAISSANCE PL PLEASANT GROVE UT 84062 1081 SNELL, JOY B TEE 765 W 2600 NORTH PLEASANT GROVE UT 84062 1082 SNYDER, GARY & LYNETTE TEE 2966 W 880 NORTH PROVO UT 84062 1083 SOFOIFA, MARLON E & SANDRA K JT 1122 N 1300 WEST PLEASANT GROVE UT 84062 1084 SOLARI, PATRICIA OSWOOD PO BOX 5628 OROVILLE CA 95966 1085 SORENSEN, RODNEY S & REBECCA JT 1884 GLENDON CIR PLEASANT GROVE UT 84062 1086 SORENSEN, SHANE D & CHRISTINE A 375 S LOCUST AV PLEASANT GROVE UT 84062 1087 SORENSEN, WESLEY R & PAMELA E JT 803 W 1500 NORTH PLEASANT GROVE UT 84062 1088 SORENSON, B DONALD					
1079 SMITHS FOOD & DRUG CENTERS INC 3336 E 32ND ST #217 TULSA OK 74135 1080 SMOOT, ROBERT S & GAYLIA A TEE 1436 RENAISSANCE PL PLEASANT GROVE UT 84062 1081 SNELL, JOY B TEE 765 W 2600 NORTH PLEASANT GROVE UT 84062 1082 SNYDER, GARY & LYNETTE TEE 2966 W 880 NORTH PROVO UT 84061 1083 SOFOIFA, MARION E & SANDRA K JT 1122 N 1300 WEST PLEASANT GROVE UT 84062 1084 SOLARI, PATRICIA OSWOOD PO BOX 5628 OROVILLE CA 95966 1085 SORENSEN, RODNEY S & REBECCA JT 1884 GIENDON CIR PLEASANT GROVE UT 84062 1086 SORENSEN, RODNEY S & REBECCA JT 1884 GIENDON CIR PLEASANT GROVE UT 84062 1087 SORENSEN, WESLEY R & PAMELA E JT 803 W 1500 NORTH PLEASANT GROVE UT 84062 1088 SORENSON, B DONALD & MARILYN JT 884 N 600 WEST PLEASANT GROVE UT 84062 1089 SOUTHAW, LESLIE R & NANCY A ET				_	
1080 SMOOT, ROBERT S & GAYLIA A TEE 1436 RENAISSANCE PL PLEASANT GROVE UT 84062 1081 SNELL, JOY B TEE 765 W 2600 NORTH PLEASANT GROVE UT 84062 1082 SNYDER, GARY & LYNETTE TEE 2966 W 880 NORTH PROVO UT 84601 1083 SOFOIFA, MARLON E & SANDRA K JT 1122 N 1300 WEST PLEASANT GROVE UT 84062 1084 SOLARI, PATRICIA OSWOOD PO BOX 5628 OROVILLE CA 95966 1085 SORENSEN, RODNEY S & REBECCA JT 1884 GLENDON CIR PLEASANT GROVE UT 84062 1086 SORENSEN, SHANE D & CHRISTINE A 375 S LOCUST AV PLEASANT GROVE UT 84062 1087 SORENSEN, WESLEY R & PAMELA E JT 803 W 1500 NORTH PLEASANT GROVE UT 84062 1088 SORENSON, B DONALD & MARILYN JT 884 N 600 WEST PLEASANT GROVE UT 84062 1089 SOUTHAM, LESLIE R & NANCY A ET AL 450 W STATE RD PLEASANT GROVE UT 84062 1091 SPINAL REHAB PROPERTIES L				+	
1081 SNELL, JOY B TEE 765 W 2600 NORTH PLEASANT GROVE UT 84062 1082 SNYDER, GARY & LYNETTE TEE 2966 W 880 NORTH PROVO UT 84601 1083 SOFOIFA, MARLON E & SANDRA K JT 1122 N 1300 WEST PLEASANT GROVE UT 84062 1084 SOLARI, PATRICIA OSWOOD PO BOX 5628 OROVILLE CA 95966 1085 SORENSEN, RODNEY S & REBECCA JT 1884 GLENDON CIR PLEASANT GROVE UT 84062 1086 SORENSEN, SHANE D & CHRISTINE A 375 S LOCUST AV PLEASANT GROVE UT 84062 1087 SORENSEN, WESLEY R & PAMELA E JT 803 W 1500 NORTH PLEASANT GROVE UT 84062 1088 SORENSON, B DONALD & MARILYN JT 884 N 600 WEST PLEASANT GROVE UT 84062 1089 SOUTHAM, LESLIE R & NANCY A ET AL 450 W STATE RD PLEASANT GROVE UT 84062 1091 SPINAL REHAB PROPERTIES LLC 9472 AZTEC DR CEDAR HILLS UT 84062 1092 SRM REAL ESTATE LLC					
1082 SNYDER, GARY & LYNETTE TEE 2966 W 880 NORTH PROVO UT 84601 1083 SOFOIFA, MARLON E & SANDRA K JT 1122 N 1300 WEST PLEASANT GROVE UT 84062 1084 SOLARI, PATRICIA OSWOOD PO BOX 5628 OROVILLE CA 95966 1085 SORENSEN, RODNEY S & REBECCA JT 1884 GLENDON CIR PLEASANT GROVE UT 84062 1086 SORENSEN, SHANE D & CHRISTINE A 375 S LOCUST AV PLEASANT GROVE UT 84062 1087 SORENSEN, WESLEY R & PAMELA E JT 803 W 1500 NORTH PLEASANT GROVE UT 84062 1088 SORENSON, B DONALD & MARILLYN JT 884 N 600 WEST PLEASANT GROVE UT 84062 1089 SOUTHAM, LESLIER & NANCY A ET AL 450 W STATE RD PLEASANT GROVE UT 84062 1090 SOUTHWORTH, LARRY & MARTY JT 3805 VALLEY VIEW DR CEDAR HILLS UT 84062 1091 SPINAL REHAB PROPERTIES LLC 9472 AZTEC DR CEDAR HILLS UT 84062 1092 SRM REAL ESTATE LLC 1151	·				
1083 SOFOIFA, MARLON E & SANDRA K JT 1122 N 1300 WEST PLEASANT GROVE UT 84062 1084 SOLARI, PATRICIA OSWOOD PO BOX 5628 OROVILLE CA 95966 1085 SORENSEN, RODNEY S & REBECCA JT 1884 GLENDON CIR PLEASANT GROVE UT 84062 1086 SORENSEN, SHANE D & CHRISTINE A 375 S LOCUST AV PLEASANT GROVE UT 84062 1087 SORENSEN, WESLEY R & PAMELA E JT 803 W 1500 NORTH PLEASANT GROVE UT 84062 1088 SORENSON, B DONALD & MARILYN JT 884 N 600 WEST PLEASANT GROVE UT 84062 1089 SOUTHAW, LESLIE R & NANCY A ET AL 450 W STATE RD PLEASANT GROVE UT 84062 1090 SOUTHWORTH, LARRY & MARTY JT 3805 VALLEY VIEW DR CEDAR HILLS UT 84062 1091 SPINAL REHAB PROPERTIES LLC 9472 AZTEC DR CEDAR HILLS UT 84062 1092 SRM REAL ESTATE LLC 1151 CEDAR RIDGE RD LEHI UT 84062 1093 STAKER, SCOTT 690 S 50 WEST PL	·			+	
1084 SOLARI, PATRICIA OSWOOD PO BOX 5628 OROVILLE CA 95966 1085 SORENSEN, RODNEY S & REBECCA JT 1884 GLENDON CIR PLEASANT GROVE UT 84062 1086 SORENSEN, SHANE D & CHRISTINE A 375 S LOCUST AV PLEASANT GROVE UT 84062 1087 SORENSEN, WESLEY R & PAMELA E JT 803 W 1500 NORTH PLEASANT GROVE UT 84062 1088 SORENSON, B DONALD & MARILYN JT 884 N 600 WEST PLEASANT GROVE UT 84062 1089 SOUTHAM, LESUE R & NANCY A ET AL 450 W STATE RD PLEASANT GROVE UT 84062 1090 SOUTHWORTH, LARRY & MARTY JT 3805 VALLEY VIEW DR CEDAR HILLS UT 84062 1091 SPINAL REHAB PROPERTIES LLC 9472 AZTEC DR CEDAR HILLS UT 84062 1092 SRM REAL ESTATE LLC 1151 CEDAR RIDGE RD LEHI UT 84062 1093 STAKER, SCOTT 690 S 50 WEST PLEASANT GROVE UT 84062 1094 STAPLETON, HEATHER & ROBERT B JT 929 W 670 SOUTH #5	1082 SNYDER, GARY & LYNETTE TEE		PROVO	UT	84601
1085 SORENSEN, RODNEY S & REBECCA JT 1884 GLENDON CIR PLEASANT GROVE UT 84062 1086 SORENSEN, SHANE D & CHRISTINE A 375 S LOCUST AV PLEASANT GROVE UT 84062 1087 SORENSEN, WESLEY R & PAMELA E JT 803 W 1500 NORTH PLEASANT GROVE UT 84062 1088 SORENSON, B DONALD & MARILYN JT 884 N 600 WEST PLEASANT GROVE UT 84062 1089 SOUTHAM, LESLIE R & NANCY A ET AL 450 W STATE RD PLEASANT GROVE UT 84062 1090 SOUTHWORTH, LARRY & MARTY JT 3805 VALLEY VIEW DR CEDAR HILLS UT 84062 1091 SPINAL REHAB PROPERTIES LLC 9472 AZTEC DR CEDAR HILLS UT 84062 1092 SRM REAL ESTATE LLC 1151 CEDAR RIDGE RD LEHI UT 84043 1093 STAKER, SCOTT 690 S 50 WEST PLEASANT GROVE UT 84062 1094 STANGER, MARK T & JENNY L JT 968 APPLE GROVE LN PLEASANT GROVE UT 84062 1095 STAPLETON, HEATHER & ROBERT B JT 929 W 670 SOUTH #	1083 SOFOIFA, MARLON E & SANDRA K JT	1122 N 1300 WEST	PLEASANT GROVE	UT	84062
1086 SORENSEN, SHANE D & CHRISTINE A 375 S LOCUST AV PLEASANT GROVE UT 84062 1087 SORENSEN, WESLEY R & PAMELA E JT 803 W 1500 NORTH PLEASANT GROVE UT 84062 1088 SORENSON, B DONALD & MARILYN JT 884 N 600 WEST PLEASANT GROVE UT 84062 1089 SOUTHAM, LESLIE R & NANCY A ET AL 450 W STATE RD PLEASANT GROVE UT 84062 1090 SOUTHWORTH, LARRY & MARTY JT 3805 VALLEY VIEW DR CEDAR HILLS UT 84062 1091 SPINAL REHAB PROPERTIES LLC 9472 AZTEC DR CEDAR HILLS UT 84062 1092 SRM REAL ESTATE LLC 1151 CEDAR RIDGE RD LEHI UT 84062 1093 STAKER, SCOTT 690 S 50 WEST PLEASANT GROVE UT 84062 1094 STANGER, MARK T & JENNY L JT 968 APPLE GROVE LN PLEASANT GROVE UT 84062 1095 STAPLETON, HEATHER & ROBERT B JT 929 W 670 SOUTH #5 PLEASANT GROVE UT 84062 1096 STAR 6 CONSTRUCTION LLC 986 E	1084 SOLARI, PATRICIA OSWOOD	PO BOX 5628	OROVILLE	CA	95966
1087 SORENSEN, WESLEY R & PAMELA E JT 803 W 1500 NORTH PLEASANT GROVE UT 84062 1088 SORENSON, B DONALD & MARILYN JT 884 N 600 WEST PLEASANT GROVE UT 84062 1089 SOUTHAM, LESLIE R & NANCY A ET AL 450 W STATE RD PLEASANT GROVE UT 84062 1090 SOUTHWORTH, LARRY & MARTY JT 3805 VALLEY VIEW DR CEDAR HILLS UT 84062 1091 SPINAL REHAB PROPERTIES LLC 9472 AZTEC DR CEDAR HILLS UT 84062 1092 SRM REAL ESTATE LLC 1151 CEDAR RIDGE RD LEHI UT 84043 1093 STAKER, SCOTT 690 S 50 WEST PLEASANT GROVE UT 84062 1094 STANGER, MARK T & JENNY L JT 968 APPLE GROVE LN PLEASANT GROVE UT 84062 1095 STAPLETON, HEATHER & ROBERT B JT 929 W 670 SOUTH #5 PLEASANT GROVE UT 84062 1096 STAR 6 CONSTRUCTION LLC 986 E 1480 NORTH AMERICAN FORK UT 84062 1098 STEPHENS, TIM A 5725 W 9600 NORTH HIGH	1085 SORENSEN, RODNEY S & REBECCA JT	1884 GLENDON CIR	PLEASANT GROVE	UT	84062
1088 SORENSON, B DONALD & MARILYN JT 884 N 600 WEST PLEASANT GROVE UT 84062 1089 SOUTHAM, LESLIE R & NANCY A ET AL 450 W STATE RD PLEASANT GROVE UT 84062 1090 SOUTHWORTH, LARRY & MARTY JT 3805 VALLEY VIEW DR CEDAR HILLS UT 84062 1091 SPINAL REHAB PROPERTIES LLC 9472 AZTEC DR CEDAR HILLS UT 84062 1092 SRM REAL ESTATE LLC 1151 CEDAR RIDGE RD LEHI UT 84043 1093 STAKER, SCOTT 690 S 50 WEST PLEASANT GROVE UT 84062 1094 STANGER, MARK T & JENNY L JT 968 APPLE GROVE LN PLEASANT GROVE UT 84062 1095 STAPLETON, HEATHER & ROBERT B JT 929 W 670 SOUTH #5 PLEASANT GROVE UT 84062 1096 STAR 6 CONSTRUCTION LLC 986 E 1480 NORTH AMERICAN FORK UT 84003 1097 STEINAKER, JOHN & MARY JT 149 S 950 EAST PLEASANT GROVE UT 84062 1098 STEPHENSON, JOHN 365 W 800 NORTH HIGHLAND	1086 SORENSEN, SHANE D & CHRISTINE A	375 S LOCUST AV	PLEASANT GROVE	UT	84062
1089 SOUTHAM, LESLIE R & NANCY A ET AL 450 W STATE RD PLEASANT GROVE UT 84062 1090 SOUTHWORTH, LARRY & MARTY JT 3805 VALLEY VIEW DR CEDAR HILLS UT 84062 1091 SPINAL REHAB PROPERTIES LLC 9472 AZTEC DR CEDAR HILLS UT 84062 1092 SRM REAL ESTATE LLC 1151 CEDAR RIDGE RD LEHI UT 84043 1093 STAKER, SCOTT 690 S 50 WEST PLEASANT GROVE UT 84062 1094 STANGER, MARK T & JENNY L JT 968 APPLE GROVE LN PLEASANT GROVE UT 84062 1095 STAPLETON, HEATHER & ROBERT B JT 929 W 670 SOUTH #5 PLEASANT GROVE UT 84062 1096 STAR 6 CONSTRUCTION LLC 986 E 1480 NORTH AMERICAN FORK UT 84003 1097 STEINAKER, JOHN & MARY JT 149 S 950 EAST PLEASANT GROVE UT 84062 1098 STEPHENS, TIM A 5725 W 9600 NORTH HIGHLAND UT 84003 1099 STEPHENSON, JOHN 365 W 800 NORTH LINDON	1087 SORENSEN, WESLEY R & PAMELA E JT	803 W 1500 NORTH	PLEASANT GROVE	UT	84062
1089 SOUTHAM, LESLIE R & NANCY A ET AL 450 W STATE RD PLEASANT GROVE UT 84062 1090 SOUTHWORTH, LARRY & MARTY JT 3805 VALLEY VIEW DR CEDAR HILLS UT 84062 1091 SPINAL REHAB PROPERTIES LLC 9472 AZTEC DR CEDAR HILLS UT 84062 1092 SRM REAL ESTATE LLC 1151 CEDAR RIDGE RD LEHI UT 84043 1093 STAKER, SCOTT 690 S 50 WEST PLEASANT GROVE UT 84062 1094 STANGER, MARK T & JENNY L JT 968 APPLE GROVE LN PLEASANT GROVE UT 84062 1095 STAPLETON, HEATHER & ROBERT B JT 929 W 670 SOUTH #5 PLEASANT GROVE UT 84062 1096 STAR 6 CONSTRUCTION LLC 986 E 1480 NORTH AMERICAN FORK UT 84003 1097 STEINAKER, JOHN & MARY JT 149 S 950 EAST PLEASANT GROVE UT 84062 1098 STEPHENS, TIM A 5725 W 9600 NORTH HIGHLAND UT 84003 1099 STEPHENSON, JOHN 365 W 800 NORTH LINDON	1088 SORENSON, B DONALD & MARILYN JT	884 N 600 WEST	PLEASANT GROVE	UT	84062
1090 SOUTHWORTH, LARRY & MARTY JT 3805 VALLEY VIEW DR CEDAR HILLS UT 84062 1091 SPINAL REHAB PROPERTIES LLC 9472 AZTEC DR CEDAR HILLS UT 84062 1092 SRM REAL ESTATE LLC 1151 CEDAR RIDGE RD LEHI UT 84043 1093 STAKER, SCOTT 690 S 50 WEST PLEASANT GROVE UT 84062 1094 STANGER, MARK T & JENNY L JT 968 APPLE GROVE LN PLEASANT GROVE UT 84062 1095 STAPLETON, HEATHER & ROBERT B JT 929 W 670 SOUTH #5 PLEASANT GROVE UT 84062 1096 STAR 6 CONSTRUCTION LLC 986 E 1480 NORTH AMERICAN FORK UT 84003 1097 STEINAKER, JOHN & MARY JT 149 S 950 EAST PLEASANT GROVE UT 84062 1098 STEPHENS, TIM A 5725 W 9600 NORTH HIGHLAND UT 84003 1099 STEPHENSON, JOHN 365 W 800 NORTH LINDON UT 84042		450 W STATE RD	PLEASANT GROVE	UT	84062
1091 SPINAL REHAB PROPERTIES LLC 9472 AZTEC DR CEDAR HILLS UT 84062 1092 SRM REAL ESTATE LLC 1151 CEDAR RIDGE RD LEHI UT 84043 1093 STAKER, SCOTT 690 S 50 WEST PLEASANT GROVE UT 84062 1094 STANGER, MARK T & JENNY L JT 968 APPLE GROVE LN PLEASANT GROVE UT 84062 1095 STAPLETON, HEATHER & ROBERT B JT 929 W 670 SOUTH #5 PLEASANT GROVE UT 84062 1096 STAR 6 CONSTRUCTION LLC 986 E 1480 NORTH AMERICAN FORK UT 84003 1097 STEINAKER, JOHN & MARY JT 149 S 950 EAST PLEASANT GROVE UT 84062 1098 STEPHENS, TIM A 5725 W 9600 NORTH HIGHLAND UT 84003 1099 STEPHENSON, JOHN 365 W 800 NORTH LINDON UT 84042					
1092 SRM REAL ESTATE LLC 1151 CEDAR RIDGE RD LEHI UT 84043 1093 STAKER, SCOTT 690 S 50 WEST PLEASANT GROVE UT 84062 1094 STANGER, MARK T & JENNY L JT 968 APPLE GROVE LN PLEASANT GROVE UT 84062 1095 STAPLETON, HEATHER & ROBERT B JT 929 W 670 SOUTH #5 PLEASANT GROVE UT 84062 1096 STAR 6 CONSTRUCTION LLC 986 E 1480 NORTH AMERICAN FORK UT 84003 1097 STEINAKER, JOHN & MARY JT 149 S 950 EAST PLEASANT GROVE UT 84062 1098 STEPHENS, TIM A 5725 W 9600 NORTH HIGHLAND UT 84003 1099 STEPHENSON, JOHN 365 W 800 NORTH LINDON UT 84042					
1093 STAKER, SCOTT 690 S 50 WEST PLEASANT GROVE UT 84062 1094 STANGER, MARK T & JENNY L JT 968 APPLE GROVE LN PLEASANT GROVE UT 84062 1095 STAPLETON, HEATHER & ROBERT B JT 929 W 670 SOUTH #5 PLEASANT GROVE UT 84062 1096 STAR 6 CONSTRUCTION LLC 986 E 1480 NORTH AMERICAN FORK UT 84003 1097 STEINAKER, JOHN & MARY JT 149 S 950 EAST PLEASANT GROVE UT 84062 1098 STEPHENS, TIM A 5725 W 9600 NORTH HIGHLAND UT 84003 1099 STEPHENSON, JOHN 365 W 800 NORTH LINDON UT 84042					
1094 STANGER, MARK T & JENNY L JT 968 APPLE GROVE LN PLEASANT GROVE UT 84062 1095 STAPLETON, HEATHER & ROBERT B JT 929 W 670 SOUTH #5 PLEASANT GROVE UT 84062 1096 STAR 6 CONSTRUCTION LLC 986 E 1480 NORTH AMERICAN FORK UT 84003 1097 STEINAKER, JOHN & MARY JT 149 S 950 EAST PLEASANT GROVE UT 84062 1098 STEPHENS, TIM A 5725 W 9600 NORTH HIGHLAND UT 84003 1099 STEPHENSON, JOHN 365 W 800 NORTH LINDON UT 84042				+	
1095 STAPLETON, HEATHER & ROBERT B JT 929 W 670 SOUTH #5 PLEASANT GROVE UT 84062 1096 STAR 6 CONSTRUCTION LLC 986 E 1480 NORTH AMERICAN FORK UT 84003 1097 STEINAKER, JOHN & MARY JT 149 S 950 EAST PLEASANT GROVE UT 84062 1098 STEPHENS, TIM A 5725 W 9600 NORTH HIGHLAND UT 84003 1099 STEPHENSON, JOHN 365 W 800 NORTH LINDON UT 84042					
1096 STAR 6 CONSTRUCTION LLC 986 E 1480 NORTH AMERICAN FORK UT 84003 1097 STEINAKER, JOHN & MARY JT 149 S 950 EAST PLEASANT GROVE UT 84062 1098 STEPHENS, TIM A 5725 W 9600 NORTH HIGHLAND UT 84003 1099 STEPHENSON, JOHN 365 W 800 NORTH LINDON UT 84042	·			+	
1097 STEINAKER, JOHN & MARY JT 149 S 950 EAST PLEASANT GROVE UT 84062 1098 STEPHENS, TIM A 5725 W 9600 NORTH HIGHLAND UT 84003 1099 STEPHENSON, JOHN 365 W 800 NORTH LINDON UT 84042					
1098 STEPHENS, TIM A 5725 W 9600 NORTH HIGHLAND UT 84003 1099 STEPHENSON, JOHN 365 W 800 NORTH LINDON UT 84042					
1099 STEPHENSON, JOHN 365 W 800 NORTH LINDON UT 84042	·	149 S 950 EAST	PLEASANT GROVE	UT	84062
· ·	1098 STEPHENS, TIM A	5725 W 9600 NORTH	HIGHLAND	UT	84003
1100 STEVENS, BRIAN W & SARI K JT 1560 W 1800 NORTH PLEASANT GROVE UT 84062	1099 STEPHENSON, JOHN	365 W 800 NORTH	LINDON	UT	84042
	1100 STEVENS, BRIAN W & SARI K JT	1560 W 1800 NORTH	PLEASANT GROVE	UT	84062

100 STEVENS, SARRE POYER, IR FA 1322 W 1200 NORTH	1101 5	TEVENIC DOVCE & VOICTA IT	C40 W 2400 NORTH	DI FACANT CDOVE	LIT	0.4063
1305 STEVENS, MARIX DEVERTI, RET AL. 1316 W-SEN DIVITY BADDE STEVENS, MORET WE THEN STATE 1901 N 100 EAST PLESANT REDUE UT 8400.2	_					84062
1904 STEVENS, FORESTER S. HEAL, TEE	_					
1005 STEWART, FURLAND OF JUNETA KELLY I TEE	_	-				
1006 STEWART, WILLIAMO D. JANDT K. IT						
1075 TRILL, JUDITHA 320 A IN DO FAST	-	·				
1008 STRUME, DAVID N	_	·				
1109 STODDARD, CURTE KR DANCY L. JT 542.55 EPYGON DR PORTAIND OR 97267 1111 STOTY, ETER A. MARKE A. JT 516.200 SOUTH PLEASANT GROVE UT 8406.2 1113 STOTY, PETER A. MARKE A. JT 516.200 SOUTH PLEASANT GROVE UT 8406.2 1114 STATET, DR. NER 9736 N. 4300 WEST AMERICAN FORK UT 8406.1 1115 STATAL FOR STATE A. MARKE A. JT 516.200 SOUTH PLEASANT GROVE UT 8406.2 1114 STATAL FOR STATE A. MARKE A. JT 516.200 SOUTH PLEASANT GROVE UT 8406.2 1115 STATAL FOR STATE A. MARKE A. JT 618.600 WEST PLEASANT GROVE UT 8406.2 1115 STATAL FOR STATE A. MARKE A. JT 618.600 WEST PLEASANT GROVE UT 8406.2 1115 STATAL FOR STATE A. MARKE A. JT 618.600 WEST PLEASANT GROVE UT 8406.2 1115 STUDIAL FOR STATE A. MARKE A. JT 78.500 WEST PLEASANT GROVE UT 8406.2 1116 STUDIAL FOR STATE A. MARKE A. JT 78.500 WEST PLEASANT GROVE UT 8406.2 1117 SUNDARKER HOLDINGS LLC 1530 GOUGH ST #803 SAN FRANCISCO CA 9410.0 1117 SUNDARKER HOLDINGS LLC 1530 GOUGH ST #803 SAN FRANCISCO CA 9410.0 1118 SUNDARKER HOLDINGS LLC 1530 GOUGH ST #803 SAN FRANCISCO CA 9410.0 1119 SUNDARKER HOLDINGS LLC 1530 GOUGH ST #803 SAN FRANCISCO CA 9410.0 1110 SUNDARKER HOLDINGS LLC 1530 GOUGH ST #803 SAN FRANCISCO CA 9410.0 1112 SUNDARKER HOLDINGS LLC 1530 GOUGH ST #803 SAN FRANCISCO CA 9410.0 1112 SUNDARKER HOLDINGS LLC 1530 GOUGH ST #803 SAN FRANCISCO CA 9410.0 1112 SUNDARKER HOLDINGS LLC 1530 GOUGH ST #803 SAN FRANCISCO CA 9410.0 1112 SUNDARKER HOLDINGS LLC 1530 WEST WAS ALL STATE TO THE PLEASANT GROVE UT 8406.2 112 SUTCH, ROBERT L. CYNTHAL TEE 9541 CANYON RD PLEASANT GROVE UT 8406.2 112 SUTCH, ROBERT L. CYNTHAL TEE 9541 CANYON RD PLEASANT GROVE UT 8406.2 112 SUTCH, ROBERT L. CYNTHAL TEE 9541 CANYON RD PLEASANT GROVE UT 8406.2 112 SUTCH, ROBERT L. CYNTHAL TEE 9541 CANYON RD PLEASANT GROVE UT 8406.2 112 SWALES REAL STATE L. THE 180 WEST ROBERT L. THE PLEASANT GROVE UT 8406.2 112 SWALES REAL STATE L. THE 180 WEST ROBERT L. THE PLEASANT GROVE UT 8406.2 112 SWALES REAL STATE L. THE 180 WEST ROBERT L. THE PLEASANT GROVE UT 8406.2 112 SWALES R. SHARL THE TEE 100 SOUTH PLEASANT GROVE UT 8406.2 112	-					
1110 STOTP, FEERR & MARIE & IT SISE 200 SOUTH PLESSANT GROVE UT \$4062 STATE 1112 STRATTON, KEN		·				
1111 STOTT, PETER A & MARIE A JT						
1112 STATATON, KEN	_	·				
1113 STRAVINVESTMENTS LIC	-					
1114 STREET, DONE EDWIN		·				
1115 STUBERS, CHAD M	-					
1116 STUNIAMACHER, LA RATH TEE PO BOX 1196 AMERICAN FORK UT 84002 1178 SUN ANGEL 1179 SUN ANGEL 1170 SUD ANGEL 1170 SUD ANGEL 1170 SUD ANGEL 1171 SUD ANGEL 1172 SUTCE, ROBERT L& CYMITHAE PTEF 1173 SUD 1800 NORTH 1173 SUN 1800 SOUTH 1174 SWARDER CHARLEY 1175 SWEET CHARRY INC 1175 SWEET CHARRY INC 1175 SWEET CHARRY INC 1176 SWEET CHARRY INC 1177 SW	_	•				
1117 SUN, ANGEL 1330 GOUGH ST #303 SAN FRANCISCO A 94109 SALT LAKE TY UT 343121 1118 SUNDANGER HOLDINGS LLC 3376 MARGE YEVEN DR SALT LAKE TY UT 343121 1119 SUNDERLAND, DAVID W. & NIKKI 986 W 270 SOUTH #304 PLEASANT GROVE UT 84062 1121 SUJOANEN, KARIT & KRISTY L. IT 9547 CANYON RD CEDAR HILLS UT 84062 1121 SUJOANEN, KARIT & KRISTY L. IT 9547 CANYON RD PLEASANT GROVE UT 84062 1121 SUJOANEN, KARIT & KRISTY L. TEE 752 W 1800 NORTH PLEASANT GROVE UT 84062 1122 SUJCH, ROBERT L. EVYNTHAP TEE 752 W 1800 NORTH PLEASANT GROVE UT 84062 1124 SWALBERG, JERALDENE 693 E 990 SOUTH PLEASANT GROVE UT 84062 1125 SWEET CHARTY INC 211E 300 SOUTH #212 SALT LAKE CITY UT 84111 1126 SWEET CHARTY INC 211E 300 SOUTH #212 SALT LAKE CITY UT 84062 1127 SWEENSON, NATHAN B. & BRENDA J. IT 313 IS N 100 EAST PLEASANT GROVE UT 84062 1128 IS LLC 1360 W STATE RD PLEASANT GROVE UT 84062 1129 TEAL COMMERCIAL PROPERTIES LLC 1360 W STATE RD PLEASANT GROVE UT 84062 1130 LAGGART, TOOD B. & JULE K. IT 1269 E 100 SOUTH PLEASANT GROVE UT 84062 1131 CANNER, BYRON V STATE RD PLEASANT GROVE UT 84062 1131 CANNER, BYRON V STATE RD PLEASANT GROVE UT 84062 1131 CANNER, BYRON V STATE RD PLEASANT GROVE UT 84062 1131 CANNER, BYRON V STATE RD PLEASANT GROVE UT 84062 1131 CANNER, BYRON V STATE RD PLEASANT GROVE UT 84062 1136 LAGGART, TOOD B. & JULE K. IT 1269 E 100 SOUTH PLEASANT GROVE UT 84062 1137 CANNER, HOWARD S. & PATRICIA A TEE 288 N 900 WEST PLEASANT GROVE UT 84062 1136 LAGGART, FOWARD S. & PATRICIA A TEE 288 N 900 WEST PLEASANT GROVE UT 84062 1137 CANNER, HOWARD S. & PATRICIA A TEE 288 N 900 WEST PLEASANT GROVE UT 84062 1136 TATLOR, ROBERT D. & JANEEL 115 TANNER, BYRON V STATE RD 115 TANNER, BYRON V STATE RD 115 TANNER, BYRON V STATE RD PLEASANT GROVE UT 84062 115 TANNER, BYRON V STATE RD 115 TANNER, BYRON V STATE RD 116 TANNER, CONDERLA E CERTAIN TOWNER 117 TANNER SHOW THE	-					
1118 SUNDANCER HOLDINGS LLC 376 MAGIC VIEW DR 381 MAGIC VIEW DR 381 MAGIC VIEW DR 381 MAGIC VIEW DR 381 MAGIC VIEW DR 384	_	·				
1119 SUNDREILAND, DAVID WE NIKKI	_					
1120 SUCIANEN, KARIT E KRISTYL IT 9547 CANYON RD PLESSANT GROVE UT 84062 1122 SUTICH, ROBERT L & CYNTHIA P TEE 752 W 1800 NORTH PLESSANT GROVE UT 84062 1123 SUTION, JAMES & LUNAE IT 180 W 1800 NORTH PLESSANT GROVE UT 84062 1124 SWIZERGE, REALDENE 693 E 995 SOUTH PLESSANT GROVE UT 84062 1125 SWEET CHARITY INC 2116 SWEENSON, NATHAM B & BRENDA J JT 131S N 100 EAST 131S N 100 EAST 1212 SWEET CHARITY INC 2116 SWEENSON, NATHAM B & BRENDA J JT 131S N 100 EAST 131S FID OLE SWEET CHARITY INC 2112 SWEENSON, NATHAM B & BRENDA J JT 131S N 100 EAST 131S FID OLE SWEENSON, NATHAM B & BRENDA J JT 131S N 100 EAST 131S FID OLE SWEENSON, NATHAM B & BRENDA J JT 131S N 100 EAST 131G SWEENSON, SHIRLEY RUTH TEE 301 W 2600 NORTH PLESSANT GROVE UT 84062 1129 FILE COMMERCIAL PROPERTIES LLC 100 E STATE RD PLESSANT GROVE UT 84062 1129 FILE COMMERCIAL PROPERTIES LLC 100 E STATE RD PLESSANT GROVE UT 84062 1131 TANNER, BYRON V 518 S 2150 WEST ROD PLESSANT GROVE UT 84062 1131 TANNER, BYRON V 518 S 2150 WEST ROD PLESSANT GROVE UT 84062 1131 TANNER, BYRON V 518 S 2150 WEST PLESSANT GROVE UT 84062 1131 TANNER, CHRISTINE 940 N 600 WEST PLESSANT GROVE UT 84062 1131 TANNER, CHRISTINE 940 N 600 WEST PLESSANT GROVE UT 84062 1136 TAYLOR, CHRISTINE 940 N 600 WEST PLESSANT GROVE UT 84062 1136 TAYLOR, CHRISTINE 940 N 600 WEST PLESSANT GROVE UT 84062 1136 TAYLOR, ROD SA B JULE UT 1137 N 800 WEST PLESSANT GROVE UT 84062 1136 TAYLOR, ROD SA B JULE UT 1137 N 800 WEST PLESSANT GROVE UT 84062 1136 TAYLOR, ROD SA B JULE UT 1137 N 800 WEST PLESSANT GROVE UT 84062 1136 TAYLOR, ROD SA B JULE UT 1137 N 800 WEST PLESSANT GROVE UT 84062 1136 TAYLOR, ROD SA B JULE UT 1137 N 800 WEST PLESSANT GROVE UT 84062 1136 TAYLOR, ROD SA S OND SA D JULE 1137 N 800 WEST PLESSANT GROVE UT 84062 1137 TAYLOR, ROD SA S OND SA D JULE 1138 TAYLOR, ROD SA S D S S D JULE 1138 TAYLOR, ROB SA S S S S S S S S S S S S S S S S S S						
1121 SUIJANEM, KARIT & KRISTY L. TEE	-	•				
1122 SUTCH, ROBERT LE CYNTHIAP TEE						
1123 SUTTON, JAMES & LAURA E JT						
1124 SWABERG, JERALDENE 693 E 990 SOUTH PLEASANT GROVE UT 84062 1125 SWET CHARITY INC 211 E 300 SOUTH #212 SWET CHARITY INC 211 E 300 SOUTH #212 SWET CHARITY INC 211 SOUTH #212 SWENSON, SHIRLEY RUTH TEE 301 W 2600 NORTH PLEASANT GROVE UT 84062 1129 T8 LI LUE 1126 T8 LI LUE 1126 SWET CHARITY INC 21360 W 5TATE RD PLEASANT GROVE UT 84062 1129 T8 LI COMMERCIAL PROPERTIES LIC 100 E STATE RD PLEASANT GROVE UT 84062 1129 T8 LI COMMERCIAL PROPERTIES LIC 100 E STATE RD PLEASANT GROVE UT 84062 1131 TANNER, BYRON V 518 S 2150 WEST PLEASANT GROVE UT 84062 1132 TANNER, HOWARD S & PATRICIA A TEE 2858 N 950 WEST PLEASANT GROVE UT 84062 1132 TANNER, HOWARD S & PATRICIA A TEE 2858 N 950 WEST PLEASANT GROVE UT 84062 1134 TAYLOR, M HARVEY & JANET R JT 175 MAPLE LN PLEASANT GROVE UT 84062 1134 TAYLOR, M HARVEY & JANET R JT 175 MAPLE LN PLEASANT GROVE UT 84062 1136 TAYLOR, ROBERT D & JANET L JT 1342 RENAISSANCE PL PLEASANT GROVE UT 84062 1136 TAYLOR, ROBERT D & JANET L JT 1575 MAPLE LN PLEASANT GROVE UT 84062 1136 TAYLOR, ROBERT D & JANET L JT 1575 MAPLE LN PLEASANT GROVE UT 84062 1136 TAYLOR, ROBERT D & JANET L JT 1575 MAPLE LN PLEASANT GROVE UT 84062 1137 TAYLOR, ROBERT D & JANET L JT 1575 MAPLE LN PLEASANT GROVE UT 84062 1138 TAYLOR, ROBERT D & JANET L JT 1575 M SOUWEST PLEASANT GROVE UT 84062 1138 TAYLOR, ROBERT D & JANET L JT 1575 M SOUWEST PLEASANT GROVE UT 84062 1138 TAYLOR, ROBERT D & JANET L JT 1575 M SOUWEST PLEASANT GROVE UT 84062 1138 TAYLOR, THOMAS J & JEAQUETTA 9367 AVANYU DR CEDAR HILLS UT 84062 1139 TAYLOR, THOMAS J & JEAQUETTA 9367 AVANYU DR CEDAR HILLS UT 84062 1141 TEMPLE VIEW MEDICIAL COMPLEX LC. 830 N 2000 WEST PLEASANT GROVE UT 84062 1141 TEMPLE VIEW MEDICIAL COMPLEX LC. 830 N 2000 WEST PLEASANT GROVE UT 84062 1141 TEMPLE VIEW MEDICIAL COMPLEX LC. 830 N 2000 WEST PLEASANT GROVE UT 84062 1141 TEMPLE VIEW MEDICIAL COMPLEX LC. 1505 W 80 SOUTH PLEASANT GROVE UT 84062 1141 TEMPLE VIEW MEDI	_					
1125 SWEET CHARITY INC 211 & 300 SOUTH #2122 SAET LAKE CITY UT 84011 1126 SWENSON, NATHAN B & BRENDA J JT 1315 N 100 EAST PLEASANT GROVE UT 84062 1128 TB LLC 1360 W STATE RD PLEASANT GROVE UT 84062 1128 TB LLC 1360 W STATE RD PLEASANT GROVE UT 84062 1129 TB J COMMERCIAL PROPERTIES LLC 100 E STATE RD PLEASANT GROVE UT 84062 1130 TAGGART, TODD B & JULIE K JT 1269 E 100 SOUTH PLEASANT GROVE UT 84062 1131 TANNER, BYRON V 1369 E 100 SOUTH PLEASANT GROVE UT 84062 1132 TANNER, BYRON V 1369 E 100 SOUTH PLEASANT GROVE UT 84062 1132 TANNER, HOWARD S & PATRICIA A TEE 2858 N 900 WEST PLEASANT GROVE UT 84062 1133 TAYLOR, CHRISTINE 940 N 600 WEST PLEASANT GROVE UT 84062 1133 TAYLOR, CHRISTINE 940 N 600 WEST PLEASANT GROVE UT 84062 1136 TAYLOR, ROBERT D B JANET L JT 175 MAPLE LN PLEASANT GROVE UT 84062 1137 TAYLOR, ROBERT D B JANET L JT 142 RENAISSANCE PL PLEASANT GROVE UT 84062 1137 TAYLOR, ROB S SONDRA JT 2568 RENAISSANCE PL PLEASANT GROVE UT 84062 1138 TAYLOR, ROBER L & GERALDINE JT 1075 N 600 WEST PLEASANT GROVE UT 84062 1138 TAYLOR, ROBER D B J SANET L JT 986 W 270 SOUTH #202 PLEASANT GROVE UT 84062 1138 TAYLOR, STEPHEN C & SUE A JT 986 W 270 SOUTH #202 PLEASANT GROVE UT 84062 1138 TAYLOR, STEPHEN C & SUE A JT 986 W 270 SOUTH #202 PLEASANT GROVE UT 84062 1138 TAYLOR, STEPHEN C & SUE A JT 986 W 270 SOUTH #202 PLEASANT GROVE UT 84062 1140 TEEMSMA, DONALD L & BARBARA A TEE 5534 TRINITY WAY SAN DIEGO CA 92120 1141 TEMPLE WINDESS LE STEPHANNE GOVE UT 84062 1147 TEN BOSCH, SVEN S & LUCINDA C 1150 TAYLOR, STEPHEN C 84062 1147 TEN BOSCH, SVEN S & LUCINDA C 1150 TAYLOR, STEPHEN C 84062 1148 TENAYLOR, STEPHEN C 84062 1149 TEMPLE WINDESS LE STEPHANNE G 1158 TAYLOR, STEPHEN C 84062 1140 TEMPLE WINDESS LE STEPHANNE G 1150 TAYLOR, STEPHANNE 1150 TAYLOR, STEPHEN C 84062 1141 TEMPLE WINDESS LE 1150 TAYLOR, STEPHEN C 1150 TAYLOR, STEPHEN C 1151 TAYLOR, STEPHEN C 1151 TAYLOR, STEPHEN C 1151 TAYLOR, STEPHEN C 1151 TA	_	•				
1126 SWENSON, NATHAN B & BRENDA J JT	_					
1127 SWENSON, SHIRLEY RUTH TEE	_					
Taylor	<u> </u>	,				
TABLE TABL	_	•				
TANDER, BYRON V						
TANNER, BYRON V	_					
TANNER, HOWARD S & PATRICIA A TEE 2858 N 900 WEST PLEASANT GROVE UT 84062 1331 TAYLOR, CHRISTINE 940 N 600 WEST PLEASANT GROVE UT 84062 1341 TAYLOR, CHRISTINE 175 MAPEL IN PLEASANT GROVE UT 84062 1355 TAYLOR, ROBERT D & JANET L JT 1342 RENAISSANCE PL PLEASANT GROVE UT 84062 1365 TAYLOR, ROBERT D & JANET L JT 1342 RENAISSANCE PL PLEASANT GROVE UT 84062 1365 TAYLOR, ROBERT D & JANET L JT 1342 RENAISSANCE PL PLEASANT GROVE UT 84062 1376 TAYLOR, RODGER L & GERALDINE JT 1075 N 600 WEST PLEASANT GROVE UT 84062 1376 TAYLOR, RODGER L & GERALDINE JT 986 W 270 SOUTH #202 PLEASANT GROVE UT 84062 1386 TAYLOR, STEPHEN C & SUE A JT 986 W 270 SOUTH #202 PLEASANT GROVE UT 84062 1396 TAYLOR, THOMAS J & JEAQUETTA 9367 AVANYU DR CEDAR HILLS UT 84062 1406 TEEMSAN, DONALD L & BARBARA A TEE 5534 TRINITY WAY SAN DIEGO CA 92120 1414 TEMPLE VIEW MEDICAL COMPLEX L.C. 830 N 2000 WEST PLEASANT GROVE UT 84062 1414 TEMPLE VIEW MEDICAL COMPLEX L.C. 830 N 2000 WEST PLEASANT GROVE UT 84062 1414 TEMPLE VIEW MEDICAL COMPLEX L.C. 830 N 2000 WEST PLEASANT GROVE UT 84062 1414 TEMPLE VIEW MEDICAL COMPLEX L.C. 830 N 2000 WEST PLEASANT GROVE UT 84062 1414 TEMPLE VIEW MEDICAL COMPLEX L.C. 830 N 2000 WEST PLEASANT GROVE UT 84062 1414 TEMPLE VIEW MEDICAL COMPLEX L.C. 830 N 2000 WEST PLEASANT GROVE UT 84062 1414 THAYER, PHILLIP & STEPHANIE G JT 920 N 100 EAST PLEASANT GROVE UT 84062 1414 THAYER, PHILLIP & STEPHANIE G JT 920 N 100 EAST PLEASANT GROVE UT 84062 1414 THAYER, PHILLIP & STEPHANIE G JT 920 N 100 EAST PLEASANT GROVE UT 84062 1414 THAYER, DENNIS R & KARLA JT 4087 CANYON RD PLEASANT GROVE UT 84062 1414 THAYER, DENNIS R & KARLA JT 4087 CANYON RD PLEASANT GROVE UT 84062 1414 THAYER, DENNIS R & KARLA S T L 634 W 4000 NORTH PLEASANT GROVE UT 84062 1414 THAYER, DENNIS R & KARLA S T L 634 W 4000 NOR	-					
TAYLOR, CHRISTINE	_	•				
TAYLOR, M HARVEY & JANET R	-					
1135 TAYLOR, ROBERT D. & JANET L. JT		•				
1136 TAYLOR, RODGER L & GERALDINE JT						
1137 TAYLOR, RON & SONDRA	_	•				
1138	-					
1139		·				
1140 TEEMSMA, DONALD L & BARBARA A TEE 5534 TRINITY WAY SAN DIEGO CA 92120 1141 TEMPLE VIEW MEDICAL COMPLEX L.C. 830 N 2000 WEST PLEASANT GROVE UT 84062 1142 TEN BOSCH, SVEN S & LUCINDA C 1505 W 80 SOUTH PLEASANT GROVE UT 84062 1143 TERRY, KEITH 2179 N 600 WEST PLEASANT GROVE UT 84062 1144 TEUSCHER, BRUCE E & LYNETTE C JT 1778 N 390 WEST PLEASANT GROVE UT 84062 1145 THAYRE, PHILLIP & STEPHANIE G JT 920 N 100 EAST PLEASANT GROVE UT 84062 1146 THAYNE, DENNIS R & KARLA JT 4087 CANYON RD PLEASANT GROVE UT 84062 1147 THAYNE, DENNIS R & KARLA ET AL 634 W 4000 NORTH PLEASANT GROVE UT 84062 1148 THAYNE, EDITH ANN 385 S MAIN ST PLEASANT GROVE UT 84062 1149 THE LYLE J SMART FAMILY LIMITED PART 2511 N 180 WEST PLEASANT GROVE UT 84062 1150 THOMAN, DEBRA C PO BOX 364 PLEASANT GROVE UT 84062 1151 THOMAS, CHARLES W & MELISSA K JT 1335 W 2180 NORTH PLEASANT GROVE UT 84062 1152 THOMAS, DEBRA C SUCTEE 754 W 4000 NORTH PLEASANT GROVE UT 84062 1153 THOMAS, DEBRA C SUCTEE 754 W 4000 NORTH PLEASANT GROVE UT 84062 1153 THOMAS, MICHAEL D & ADRIENNE TEE 3968 W 9600 NORTH PLEASANT GROVE UT 84062 1155 THOMAS, MICHAEL D & ADRIENNE TEE 2440 N 600 WEST PLEASANT GROVE UT 84062 1155 THOMPSON, DARRELL & LORI JT 16 S 600 WEST LINDON UT 84062 1156 THOMPSON, DARRELL & LORI JT 16 S 600 WEST LINDON UT 84062 1157 THOMPSON, DARRELL & LORI JT 16 S 600 WEST LINDON UT 84062 1158 THOMPSON, PHYLLIS POULSON 235 N 100 EAST PLEASANT GROVE UT 84062 1159 THORNTON, RUSSELL S 2076 N JANIEC ER PLEASANT GROVE UT 84062 1159 THORNTON, TY & NATALIA JT 533 N 600 WEST PLEASANT GROVE UT 84062 1150 THORNTON, TY & NATALIA JT 533 N 600 WEST PLEASANT GROVE UT 84062 1151 THORNTON, WAYNE L 49 E 700 SOUTH PLEASANT GROVE UT 84062 1161 TIMOTHY, WILLIAM A & SUSAN J TEE 745 N 100 EAST PLEASANT GROVE UT 84062 1162 THINDROND, TY & NATALIA JT 533 N 600 WEST PLEASANT GROVE UT 84062 1163 THERRA, WILLIAM R TEE 29267 NOTINGHAM CT WESTLAKE OH 44145 1164 TIMP RIDGE DEVELOPMENT INC 65 N 100 EAST PLEASANT GROVE UT 84062 1165 THORNTON, WAYNE L 49 E 700 SOUTH PLEASANT GROVE UT 84062 1166 THORN						
1141 TEMPLE VIEW MEDICAL COMPLEX L.C. 830 N 2000 WEST PLEASANT GROVE UT 84062 1142 TEN BOSCH, SVEN S & LUCINDA C 1505 W 80 SOUTH PLEASANT GROVE UT 84062 1143 TERRY, KEITH 2179 N 600 WEST PLEASANT GROVE UT 84062 1144 TEUSCHER, BRUCE E & LYNETTE C JT 1778 N 390 WEST PLEASANT GROVE UT 84062 1145 THAYNER, DENNIS R & KARLA JT 4087 CANYON RD PLEASANT GROVE UT 84062 1146 THAYNE, DENNIS R & KARLA JT 4087 CANYON RD PLEASANT GROVE UT 84062 1147 THAYNE, DENNIS R & KARLA ET AL 634 W 4000 NORTH PLEASANT GROVE UT 84062 1148 THAYNE, EDITH ANN 385 S MAIN ST PLEASANT GROVE UT 84062 1150 THOMAN, DEBRA C PO BOX 364 PLEASANT GROVE UT 84062 1151 THOMAS, CHARLES W & MELISSA K JT 1335 W 2180 NORTH PLEASANT GROVE UT 84062 1153 THOMAS, DEBRA C SUCTEE 754 W 400	_	•				
1142 TEN BOSCH, SVEN S & LUCINDA C 1505 W 80 SOUTH PLEASANT GROVE UT 84062 1143 TERRY, KEITH 2179 N 600 WEST PLEASANT GROVE UT 84062 1144 TEUSCHER, BRUCE E & LYNETTE C JT 1778 N 390 WEST PLEASANT GROVE UT 84062 1145 THAYER, PHILLIP & STEPHANIE G JT 920 N 100 EAST PLEASANT GROVE UT 84062 1146 THAYNE, DENNIS R & KARLA JT 4087 CANYON RD PLEASANT GROVE UT 84062 1147 THAYNE, DENNIS R & KARLA ET AL 634 W 4000 NORTH PLEASANT GROVE UT 84062 1148 THAYNE, DENNIS R & KARLA ET AL 634 W 4000 NORTH PLEASANT GROVE UT 84062 1149 THE LYLE J SMART FAMILY LIMITED PART 2511 N 180 WEST PLEASANT GROVE UT 84062 1150 THOMAN, DEBRA C PO BOX 364 PLEASANT GROVE UT 84062 1151 THOMAS, CHARLES W & MELISSA K JT 1335 W 2180 NORTH PLEASANT GROVE UT 84062 150 THOMAS, DEBRA C SUCTEE <td>-</td> <td>•</td> <td></td> <td></td> <td>+</td> <td></td>	-	•			+	
1143 TERRY, KEITH 2179 N 600 WEST PLEASANT GROVE UT 84062 1144 TEUSCHER, BRUCE E & LYNETTE C JT 1778 N 390 WEST PLEASANT GROVE UT 84062 1145 THAYRE, PHILLIP & STEPHANIE G JT 920 N 100 EAST PLEASANT GROVE UT 84062 1146 THAYNE, DENNIS R & KARLA JT 4087 CANYON RD PLEASANT GROVE UT 84062 1147 THAYNE, DENNIS R & KARLA ET AL 634 W 4000 NORTH PLEASANT GROVE UT 84062 1148 THAYNE, DENNIS R & KARLA ET AL 634 W 4000 NORTH PLEASANT GROVE UT 84062 1148 THAYNE, DENNIS R & KARLA ET AL 634 W 4000 NORTH PLEASANT GROVE UT 84062 1149 THE LYLE J SMART FAMILY LIMITED PART 2511 N 180 WEST PLEASANT GROVE UT 84062 1150 THOMAN, DEBRA C PO BOX 364 PLEASANT GROVE UT 84062 1151 THOMAS, CHARLES W & MELISSA K JT 1335 W 2180 NORTH PLEASANT GROVE UT 84062 1152 THOMAS, LYNDSIE TEE 3968 W 9600 NORTH PLEASANT GROVE UT 84062	_					
1144 TEUSCHER, BRUCE E & LYNETTE C JT 1778 N 390 WEST PLEASANT GROVE UT 84062 1145 THAYRE, PHILLIP & STEPHANIE G JT 920 N 100 EAST PLEASANT GROVE UT 84062 1146 THAYNE, DENNIS R & KARLA JT 4087 CANYON RD PLEASANT GROVE UT 84062 1147 THAYNE, DENNIS R & KARLA ET AL 634 W 4000 NORTH PLEASANT GROVE UT 84062 1148 THAYNE, EDITH ANN 385 S MAIN ST PLEASANT GROVE UT 84062 1149 THE LYLE J SMART FAMILY LIMITED PART 2511 N 180 WEST PLEASANT GROVE UT 84062 1150 THOMAS, CHARLES W & MELISSA K JT 1335 W 2180 NORTH PLEASANT GROVE UT 84062 1152 THOMAS, CHARLES W & MELISSA K JT 1335 W 2180 NORTH PLEASANT GROVE UT 84062 1152 THOMAS, CHARLES W & MELISSA K JT 1335 W 2180 NORTH PLEASANT GROVE UT 84062 1152 THOMAS, CHARLES W & MELISSA K JT 1360 NORTH PLEASANT GROVE UT 84062 1152 THOMAS, CHARLES W & MELISSA W M	_	·				
1145 THAYER, PHILLIP & STEPHANIE G JT 920 N 100 EAST PLEASANT GROVE UT 84062 1146 THAYNE, DENNIS R & KARLA JT 4087 CANYON RD PLEASANT GROVE UT 84062 1147 THAYNE, DENNIS R & KARLA ET AL 634 W 4000 NORTH PLEASANT GROVE UT 84062 1148 THAYNE, EDITH ANN 385 S MAIN ST PLEASANT GROVE UT 84062 1149 THE LYLE J SMART FAMILY LIMITED PART 2511 N 180 WEST PLEASANT GROVE UT 84062 1150 THOMAN, DEBRA C PO BOX 364 PLEASANT GROVE UT 84062 1151 THOMAS, CHARLES W & MELISSA K JT 1335 W 2180 NORTH PLEASANT GROVE UT 84062 1152 THOMAS, DEBRA C SUCTEE 754 W 4000 NORTH PLEASANT GROVE UT 84062 1153 THOMAS, LYNDSIE TEE 3968 W 9600 NORTH PLEASANT GROVE UT 84062 1154 THOMAS, MICHAEL D & ADRIENNE TEE 2440 N 600 WEST PLEASANT GROVE UT 84062 1155 THOMPSON, DARRELL & LORI JT 16 S 600 WEST PLEASANT GROVE UT 84062<						
1146 THAYNE, DENNIS R & KARLA JT 4087 CANYON RD PLEASANT GROVE UT 84062 1147 THAYNE, DENNIS R & KARLA ET AL 634 W 4000 NORTH PLEASANT GROVE UT 84062 1148 THAYNE, EDITH ANN 385 S MAIN ST PLEASANT GROVE UT 84062 1149 THE LYLE J SMART FAMILY LIMITED PART 2511 N 180 WEST PLEASANT GROVE UT 84062 1150 THOMAN, DEBRA C PO BOX 364 PLEASANT GROVE UT 84062 1151 THOMAS, CHARLES W & MELISSA K JT 1335 W 2180 NORTH PLEASANT GROVE UT 84062 1152 THOMAS, DEBRA C SUCTEE 754 W 4000 NORTH PLEASANT GROVE UT 84062 1153 THOMAS, DEBRA C SUCTEE 754 W 4000 NORTH PLEASANT GROVE UT 84062 1154 THOMAS, MICHAEL D & ADRIENNE TEE 3968 W 9600 NORTH PLEASANT GROVE UT 84062 1155 THOMPSON, DARRELL & LORI JT 16 S 600 WEST LINDON UT 84062 1155 THOMSON, PHYLLIS POULSON 235 N 100 EAST PLEASANT GROVE UT 84062 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
1147 THAYNE, DENNIS R & KARLA ET AL 634 W 4000 NORTH PLEASANT GROVE UT 84062 1148 THAYNE, EDITH ANN 385 S MAIN ST PLEASANT GROVE UT 84062 1149 THE LYLE J SMART FAMILY LIMITED PART 2511 N 180 WEST PLEASANT GROVE UT 84062 1150 THOMAN, DEBRA C PO BOX 364 PLEASANT GROVE UT 84062 1151 THOMAS, CHARLES W & MELISSA K JT 1335 W 2180 NORTH PLEASANT GROVE UT 84062 1152 THOMAS, DEBRA C SUCTEE 754 W 4000 NORTH PLEASANT GROVE UT 84062 1153 THOMAS, DEBRA C SUCTEE 754 W 4000 NORTH PLEASANT GROVE UT 84062 1153 THOMAS, DEBRA C SUCTEE 754 W 4000 NORTH PLEASANT GROVE UT 84062 1154 THOMAS, LYNDSIE TEE 3968 W 9600 NORTH PLEASANT GROVE UT 84062 1155 THOMAS, MICHAEL D & ADRIENNE TEE 2440 N 600 WEST PLEASANT GROVE UT 84062 1155 THOMPSON, DARRELL & LORI JT 16 S 600 WEST PLEASANT GROVE UT 84	-	•				
1148 THAYNE, EDITH ANN 385 S MAIN ST PLEASANT GROVE UT 84062 1149 THE LYLE J SMART FAMILY LIMITED PART 2511 N 180 WEST PLEASANT GROVE UT 84062 1150 THOMAN, DEBRA C PO BOX 364 PLEASANT GROVE UT 84062 1151 THOMAS, CHARLES W & MELISSA K JT 1335 W 2180 NORTH PLEASANT GROVE UT 84062 1152 THOMAS, DEBRA C SUCTEE 754 W 4000 NORTH PLEASANT GROVE UT 84062 1153 THOMAS, LYNDSIE TEE 3968 W 9600 NORTH PLEASANT GROVE UT 84062 1154 THOMAS, MICHAEL D & ADRIENNE TEE 2440 N 600 WEST PLEASANT GROVE UT 84062 1155 THOMPSON, DARRELL & LORI JT 16 S 600 WEST LINDON UT 84062 1157 THORNSON, PHYLLIS POULSON 235 N 100 EAST PLEASANT GROVE UT 84062 1158 THORNTON, RUSSELL S 2076 N JANICE CIR PLEASANT GROVE UT 84062 1158 THORNTON, TY & NATALIA JT 533 N 600 WEST PLEASANT GROVE UT 84062	_				+	
1149 THE LYLE J SMART FAMILY LIMITED PART 2511 N 180 WEST PLEASANT GROVE UT 84062 1150 THOMAN, DEBRA C PO BOX 364 PLEASANT GROVE UT 84062 1151 THOMAS, CHARLES W & MELISSA K JT 1335 W 2180 NORTH PLEASANT GROVE UT 84062 1152 THOMAS, DEBRA C SUCTEE 754 W 4000 NORTH PLEASANT GROVE UT 84062 1153 THOMAS, LYNDSIE TEE 3968 W 9600 NORTH PLEASANT GROVE UT 84062 1154 THOMAS, MICHAEL D & ADRIENNE TEE 2440 N 600 WEST PLEASANT GROVE UT 84062 1155 THOMPSON, DARRELL & LORI JT 16 S 600 WEST LINDON UT 84062 1156 THOMSON, PHYLLIS POULSON 235 N 100 EAST PLEASANT GROVE UT 84062 1157 THOMSON, PHYLLIS POULSON 235 N 100 EAST PLEASANT GROVE UT 84062 1158 THORNE, MARGARET A & MARGARET TEE 2344 ARNETTE DR SALT LAKE CITY UT 84062 159 THORNTON, RUSSELL S	_					
1150 THOMAN, DEBRA C PO BOX 364 PLEASANT GROVE UT 84062 1151 THOMAS, CHARLES W & MELISSA K JT 1335 W 2180 NORTH PLEASANT GROVE UT 84062 1152 THOMAS, DEBRA C SUCTEE 754 W 4000 NORTH PLEASANT GROVE UT 84062 1153 THOMAS, LYNDSIE TEE 3968 W 9600 NORTH PLEASANT GROVE UT 84062 1154 THOMAS, MICHAEL D & ADRIENNE TEE 2440 N 600 WEST PLEASANT GROVE UT 84062 1155 THOMPSON, DARRELL & LORI JT 16 S 600 WEST LINDON UT 84062 1156 THOMSON, PHYLLIS POULSON 235 N 100 EAST PLEASANT GROVE UT 84062 1157 THORNE, MARGARET A & MARGARET TEE 2344 ARNETTE DR SALT LAKE CITY UT 84062 1158 THORNTON, RUSSELL S 2076 N JANICE CIR PLEASANT GROVE UT 84062 1159 THORNTON, TY & NATALIA JT 533 N 600 WEST PLEASANT GROVE UT 84062 1160 THORNTON, WAYNE L 49 E 700 SOUTH PLEASANT GROVE UT 84062	_					
1151 THOMAS, CHARLES W & MELISSA K JT 1335 W 2180 NORTH PLEASANT GROVE UT 84062 1152 THOMAS, DEBRA C SUCTEE 754 W 4000 NORTH PLEASANT GROVE UT 84062 1153 THOMAS, LYNDSIE TEE 3968 W 9600 NORTH PLEASANT GROVE UT 84062 1154 THOMAS, MICHAEL D & ADRIENNE TEE 2440 N 600 WEST PLEASANT GROVE UT 84062 1155 THOMPSON, DARRELL & LORI JT 16 S 600 WEST LINDON UT 84062 1156 THOMSON, PHYLLIS POULSON 235 N 100 EAST PLEASANT GROVE UT 84062 1157 THORNE, MARGARET A & MARGARET TEE 2344 ARNETTE DR SALT LAKE CITY UT 84062 1158 THORNTON, RUSSELL S 2076 N JANICE CIR PLEASANT GROVE UT 84062 1159 THORNTON, TY & NATALIA JT 533 N 600 WEST PLEASANT GROVE UT 84062 1160 THORNTON, WAYNE L 49 E 700 SOUTH PLEASANT GROVE UT 84062 1161 TIMP RIDGE DEVELOPMENT INC 65 N 100 EAST PLEASANT GROVE UT 84062						
THOMAS, DEBRA C SUCTEE 754 W 4000 NORTH PLEASANT GROVE UT 84062 1153 THOMAS, LYNDSIE TEE 3968 W 9600 NORTH PLEASANT GROVE UT 84062 1154 THOMAS, MICHAEL D & ADRIENNE TEE 2440 N 600 WEST PLEASANT GROVE UT 84062 1155 THOMPSON, DARRELL & LORI JT 16 S 600 WEST LINDON UT 84062 1156 THOMSON, PHYLLIS POULSON 235 N 100 EAST PLEASANT GROVE UT 84062 1157 THORNE, MARGARET A & MARGARET TEE 2344 ARNETTE DR SALT LAKE CITY UT 84109 1158 THORNTON, RUSSELL S 2076 N JANICE CIR PLEASANT GROVE UT 84062 1159 THORNTON, TY & NATALIA JT 533 N 600 WEST PLEASANT GROVE UT 84062 1160 THORNTON, WAYNE L 49 E 700 SOUTH PLEASANT GROVE UT 84062 1161 TIMP RIDGE DEVELOPMENT INC 65 N 100 EAST PLEASANT GROVE UT 84062 1163 TITERA, WILLIAM R TEE 29267 NOTING		•				
THOMAS, LYNDSIE TEE 3968 W 9600 NORTH PLEASANT GROVE UT 84062 1154 THOMAS, MICHAEL D & ADRIENNE TEE 2440 N 600 WEST PLEASANT GROVE UT 84062 1155 THOMPSON, DARRELL & LORI JT 16 S 600 WEST LINDON UT 84062 1156 THOMSON, PHYLLIS POULSON 235 N 100 EAST PLEASANT GROVE UT 84062 1157 THORNE, MARGARET A & MARGARET TEE 2344 ARNETTE DR SALT LAKE CITY UT 84109 1158 THORNTON, RUSSELL S 2076 N JANICE CIR PLEASANT GROVE UT 84062 1159 THORNTON, TY & NATALIA JT 533 N 600 WEST PLEASANT GROVE UT 84062 1160 THORNTON, WAYNE L 49 E 700 SOUTH PLEASANT GROVE UT 84062 1161 TIMPRIDGE DEVELOPMENT INC 65 N 100 EAST PLEASANT GROVE UT 84062 1163 TITERA, WILLIAM R TEE 29267 NOTINGHAM CT WESTLAKE OH 44145 1164 TKM REAL ESTATE LLC 122 E 2000 NORTH ORE	_	·				
1154 THOMAS, MICHAEL D & ADRIENNE TEE 2440 N 600 WEST PLEASANT GROVE UT 84062 1155 THOMPSON, DARRELL & LORI JT 16 S 600 WEST LINDON UT 84042 1156 THOMSON, PHYLLIS POULSON 235 N 100 EAST PLEASANT GROVE UT 84062 1157 THORNE, MARGARET A & MARGARET TEE 2344 ARNETTE DR SALT LAKE CITY UT 84109 1158 THORNTON, RUSSELL S 2076 N JANICE CIR PLEASANT GROVE UT 84062 1159 THORNTON, TY & NATALIA JT 533 N 600 WEST PLEASANT GROVE UT 84062 1160 THORNTON, WAYNE L 49 E 700 SOUTH PLEASANT GROVE UT 84062 1161 TIMOTHY, WILLIAM A & SUSAN J TEE 745 N 100 EAST PLEASANT GROVE UT 84062 1162 TIMP RIDGE DEVELOPMENT INC 65 N 100 EAST PLEASANT GROVE UT 84062 1163 TITERA, WILLIAM R TEE 29267 NOTINGHAM CT WESTLAKE OH 44145 1164 TKM REAL ESTATE LLC 122 E 2000 NORTH OREM UT 84057	-					
1155 THOMPSON, DARRELL & LORI JT 16 S 600 WEST LINDON UT 84042 1156 THOMSON, PHYLLIS POULSON 235 N 100 EAST PLEASANT GROVE UT 84062 1157 THORNE, MARGARET A & MARGARET TEE 2344 ARNETTE DR SALT LAKE CITY UT 84109 1158 THORNTON, RUSSELL S 2076 N JANICE CIR PLEASANT GROVE UT 84062 1159 THORNTON, TY & NATALIA JT 533 N 600 WEST PLEASANT GROVE UT 84062 1160 THORNTON, WAYNE L 49 E 700 SOUTH PLEASANT GROVE UT 84062 1161 TIMOTHY, WILLIAM A & SUSAN J TEE 745 N 100 EAST PLEASANT GROVE UT 84062 1162 TIMP RIDGE DEVELOPMENT INC 65 N 100 EAST PLEASANT GROVE UT 84062 1163 TITERA, WILLIAM R TEE 29267 NOTINGHAM CT WESTLAKE OH 44145 1164 TKM REAL ESTATE LLC 122 E 2000 NORTH OREM UT 84057	-	*				
1156 THOMSON, PHYLLIS POULSON 235 N 100 EAST PLEASANT GROVE UT 84062 1157 THORNE, MARGARET A & MARGARET TEE 2344 ARNETTE DR SALT LAKE CITY UT 84109 1158 THORNTON, RUSSELL S 2076 N JANICE CIR PLEASANT GROVE UT 84062 1159 THORNTON, TY & NATALIA JT 533 N 600 WEST PLEASANT GROVE UT 84062 1160 THORNTON, WAYNE L 49 E 700 SOUTH PLEASANT GROVE UT 84062 1161 TIMOTHY, WILLIAM A & SUSAN J TEE 745 N 100 EAST PLEASANT GROVE UT 84062 1162 TIMP RIDGE DEVELOPMENT INC 65 N 100 EAST PLEASANT GROVE UT 84062 1163 TITERA, WILLIAM R TEE 29267 NOTINGHAM CT WESTLAKE OH 44145 1164 TKM REAL ESTATE LLC 122 E 2000 NORTH OREM UT 84057	-	·				84042
1157 THORNE, MARGARET A & MARGARET TEE 2344 ARNETTE DR SALT LAKE CITY UT 84109 1158 THORNTON, RUSSELL S 2076 N JANICE CIR PLEASANT GROVE UT 84062 1159 THORNTON, TY & NATALIA JT 533 N 600 WEST PLEASANT GROVE UT 84062 1160 THORNTON, WAYNE L 49 E 700 SOUTH PLEASANT GROVE UT 84062 1161 TIMOTHY, WILLIAM A & SUSAN J TEE 745 N 100 EAST PLEASANT GROVE UT 84062 1162 TIMP RIDGE DEVELOPMENT INC 65 N 100 EAST PLEASANT GROVE UT 84062 1163 TITERA, WILLIAM R TEE 29267 NOTINGHAM CT WESTLAKE OH 44145 1164 TKM REAL ESTATE LLC 122 E 2000 NORTH OREM UT 84057	-	·				84062
THORNTON, RUSSELL S 2076 N JANICE CIR PLEASANT GROVE UT 84062 1159 THORNTON, TY & NATALIA JT 533 N 600 WEST PLEASANT GROVE UT 84062 1160 THORNTON, WAYNE L 49 E 700 SOUTH PLEASANT GROVE UT 84062 1161 TIMOTHY, WILLIAM A & SUSAN J TEE 745 N 100 EAST PLEASANT GROVE UT 84062 1162 TIMP RIDGE DEVELOPMENT INC 65 N 100 EAST PLEASANT GROVE UT 84062 1163 TITERA, WILLIAM R TEE 29267 NOTINGHAM CT WESTLAKE OH 44145 1164 TKM REAL ESTATE LLC 122 E 2000 NORTH OREM UT 84057	-	•				84109
1159 THORNTON, TY & NATALIA JT 533 N 600 WEST PLEASANT GROVE UT 84062 1160 THORNTON, WAYNE L 49 E 700 SOUTH PLEASANT GROVE UT 84062 1161 TIMOTHY, WILLIAM A & SUSAN J TEE 745 N 100 EAST PLEASANT GROVE UT 84062 1162 TIMP RIDGE DEVELOPMENT INC 65 N 100 EAST PLEASANT GROVE UT 84062 1163 TITERA, WILLIAM R TEE 29267 NOTINGHAM CT WESTLAKE OH 44145 1164 TKM REAL ESTATE LLC 122 E 2000 NORTH OREM UT 84057						84062
1160 THORNTON, WAYNE L 49 E 700 SOUTH PLEASANT GROVE UT 84062 1161 TIMOTHY, WILLIAM A & SUSAN J TEE 745 N 100 EAST PLEASANT GROVE UT 84062 1162 TIMP RIDGE DEVELOPMENT INC 65 N 100 EAST PLEASANT GROVE UT 84062 1163 TITERA, WILLIAM R TEE 29267 NOTINGHAM CT WESTLAKE OH 44145 1164 TKM REAL ESTATE LLC 122 E 2000 NORTH OREM UT 84057						84062
1161 TIMOTHY, WILLIAM A & SUSAN J TEE 745 N 100 EAST PLEASANT GROVE UT 84062 1162 TIMP RIDGE DEVELOPMENT INC 65 N 100 EAST PLEASANT GROVE UT 84062 1163 TITERA, WILLIAM R TEE 29267 NOTINGHAM CT WESTLAKE OH 44145 1164 TKM REAL ESTATE LLC 122 E 2000 NORTH OREM UT 84057					+	
1162TIMP RIDGE DEVELOPMENT INC65 N 100 EASTPLEASANT GROVEUT840621163TITERA, WILLIAM RTEE29267 NOTINGHAM CTWESTLAKEOH441451164TKM REAL ESTATE LLC122 E 2000 NORTHOREMUT84057	-	•				
1163 TITERA, WILLIAM R TEE 29267 NOTINGHAM CT WESTLAKE OH 44145 1164 TKM REAL ESTATE LLC 122 E 2000 NORTH OREM UT 84057	-					
1164 TKM REAL ESTATE LLC 122 E 2000 NORTH OREM UT 84057	-				+	44145
	-	·				
						84062

1166 TOLMAN, LARRY E & DARLYNN A JT	118 S 1100 EAST	AMERICAN FORK	UT	84003
1167 TOMLINSON, TERRY L & TERRIE L TEE	246 E 800 NORTH	LINDON	UT	84042
1168 TRADITIONAL LIVING LLC	376 E 400 SOUTH #304	SALT LAKE CITY	UT	84111
1169 TRIAD AUTO SALES INC	848 S STATE RD	PLEASANT GROVE	UT	84062
1170 TRIPLE FOCUS LC	1402 W STATE RD	PLEASANT GROVE	UT	84062
1171 TRUONG, THAI & LAURA B JT	9249 CANYON RD	CEDAR HILLS	UT	84062
1172 TUCKETT, GLADE B ET AL	10939 N ALPINE HWY #121PMB	HIGHLAND	UT	84003
1173 TURNER, JARED & CRYSTAL JT	1363 W 2180 NORTH	PLEASANT GROVE	UT	84062
1174 TWIGGS, SCOTT H & CORAL L JT	2035 N 1300 WEST	PLEASANT GROVE	UT	84062
1175 ULLMAN, CHRISTIAN & JENALE JT	1788 N 350 WEST	PLEASANT GROVE	UT	84062
1176 UNICE, JOHN & BARBARA JT	84 W 1800 NORTH	PLEASANT GROVE	UT	84062
1177 UNTHANK, KENNETH L & GWENDOLY TEES	1890 N 100 EAST	PLEASANT GROVE	UT	84062
1178 UNUTOA, ERIC & DORA A JT	1036 W 500 NORTH	PLEASANT GROVE	UT	84062
1179 UNZAGA, HUMBERTO F & LUCIA R JT	2535 CANYON RD	PLEASANT GROVE	UT	84062
1180 UTAH COMMUNITY FEDERAL CREDIT UNION	1900 N CANYON RD	PROVO	UT	84604
1181 UTAH COMMUNITY FEDERAL CREDIT UNION	188 RIVER PARK DR	PROVO	UT	84604
1182 UTAH VALLEY REAL ESTATE LLC	76 N BALD MOUNTAIN DR	ALPINE	UT	84004
1183 VAL WARNICK FAMILY LLC THE	PO BOX 145	MIDWAY	UT	84049
1184 VALENTINE, BRETT & AIRAMINTA JT	575 E 1000 SOUTH	PLEASANT GROVE	UT	84062
1185 VALLEJO, NOEL	10146 N MAPLE CT	CEDAR HILLS	UT	84062
1186 VAN ZANT, DOUGLAS L	9560 N CANYON RD	PLEASANT GROVE	UT	84062
1187 VANDERWILT, CHRISTOPHER B & S JT	1320 W 600 NORTH	PLEASANT GROVE	UT	84062
1188 VELLA, J-MARLAN & CHRISTINA I JT	62 W 725 NORTH	LINDON	UT	84042
1189 VEST, FLOYD & LARRY ET AL TEE	7277 N 4850 WEST	AMERICAN FORK	UT	84003
1190 VILLAGE SQUARE AT PLEASANT GROVE L.C	3575 N 100 EAST #175	PROVO	UT	84604
1191 VINCENT, JEFF L	1625 W 140 NORTH #62	PLEASANT GROVE	UT	84062
1192 VINCENT, STEVEN L & STEPHANIE JT	342 MILLCREEK RD	PLEASANT GROVE	UT	84062
1193 VIROONCHATAPAN, EKAPOP & NITN JT	4986 EL MIRLO DR	OCEANSIDE	CA	92057
1194 VISTA DEL GROVE LEGACY LC	2521 CHERRY GROVE WAY	SOUTH JORDAN	UT	84095
1195 WADLEY DEVELOPMENT CO LLC	2405 W CENTER ST	PROVO	UT	84601
1196 WADLEY, ALEXANDER & NELDA B TEE	2508 CANYON RD	PLEASANT GROVE	UT	84062
1197 WADLEY, ARVIL W & HELEN H TEE	90 N 100 EAST	PLEASANT GROVE	UT	84062
1198 WADLEY, CLIFTON J & MARY R TEE	2362 N 100 EAST	PLEASANT GROVE	UT	84062
1199 WADLEY, DON F & BRENDA B JT	1041 W 4000 NORTH	PLEASANT GROVE	UT	84062
1200 WADSWORTH, ENOCH A	159 S PLEASANT GROVE BLVD #23	PLEASANT GROVE	UT	84062
1201 WAITKEVICH, STEPHEN A	3826 S 2300 EAST	SALT LAKE CITY	UT	84109
1202 WAKAMATSU, NANETTE M & WARREN JT	125 E CENTER ST	PLEASANT GROVE	UT	84062
1203 WALDRON, ANN M	65 N 1620 WEST	PLEASANT GROVE	UT	84062
1204 WALDVOGEL, STACEY B & STACEY B	1013 N 1600 WEST	PLEASANT GROVE	UT	84062
1205 WALKER, BILLY R & PATRICIA JT	2554 N 600 WEST	PLEASANT GROVE	UT	84062
1206 WALKER, CHARLES S & MELISSA S JT	578 S STATE ST	OREM	UT	84058
1207 WALKER, CLARENCE	2195 N 1300 WEST	PLEASANT GROVE	UT	84062
1208 WALKER, JAY R & CAROL H JT	1470 W 1800 NORTH	PLEASANT GROVE	UT	84062
1209 WALKER, KENT W & JILL F TEE	3865 N 900 WEST	PLEASANT GROVE	UT	84062
1210 WALKER, LLOYD J & VERLA T TEE	480 N 100 EAST	PLEASANT GROVE	UT	84062
1211 WALKER, MILDRED C TEE	860 N 100 EAST	PLEASANT GROVE	UT	84062
1212 WALKER, RICHARD M & AMY JT	1246 W 3300 NORTH	PLEASANT GROVE	UT	84062
1213 WALKER, RONALD & VERA D TEE	345 E CENTER ST	LINDON	UT	84042
1214 WALKER, RONALD G & VERA D JT	930 N 100 EAST	PLEASANT GROVE	UT	84062
1215 WALL, KENNETH K & ANGELA JT	1727 W 1060 NORTH	PLEASANT GROVE	UT	84062
1216 WALLENTINE, DAVID A & DIANA TEE	632 N MURDOCK DR	PLEASANT GROVE	UT	84062
1217 WALTERS, DWAYNE C & EVELYN JT	680 S 1300 WEST	PLEASANT GROVE	UT	84062
1218 WALTERS, DWAYNE C & EVELYN F JT	655 S 1300 WEST	PLEASANT GROVE	UT	84062
1219 WALTERS, JOSEPH A & PATSY J TEE	23 W 800 NORTH	PLEASANT GROVE	UT	84062
1220 WANGEMANN, PAUL & VONDA JT	793 N LOCUST AV	LINDON	UT	84042
1221 WANLASS, CHRIS P	4454 CANYON RD	PLEASANT GROVE	UT	84062
1222 WARBURTON'S INC	453 W 700 SOUTH	PLEASANT GROVE	UT	84062
1223 WARBURTON, PAUL B & NINA TEE	1770 N 1520 WEST	PLEASANT GROVE	UT	84062
1224 WARD, DOUGLAS B & DEBORAH R JT		LINDON	UT	84042
1225 WARDELL, MARTIN W & LINDA M JT	94 W 725 NORTH		UT	84062
	9730 CANYON RD	CEDAR HILLS CEDAR HILLS	UT	84062
	19675 CANVON PD		1111	04002
1226 WARNER, DIANE S TEE	9675 CANYON RD			-
1226 WARNER, DIANE S TEE 1227 WARNICK, BRYSON J & EMILY K JT	80 S 1485 WEST	PLEASANT GROVE	UT	84062
1226 WARNER, DIANE S TEE				-

1.05 WASHING, MENT 1 & SPRINGE, 1 1.050 W 3250 NORTH	4324 WARNICK KENTE O CHELLEL IT	4200 W 2200 NORTH	DI FACANT CROVE	lu-	0.4063
1233 WARNICK, MARK DOUGLAS	1231 WARNICK, KENT E & SHELLIE L JT	1309 W 3300 NORTH	PLEASANT GROVE	UT	84062
1244 WARNICE, PAUL R. B. LUSA P					
1255 WARNICK, STEPHEN I. I. NELDAS JT					
1236 WARNICK, THOMAS LE JOUL IT					
1377 WASHING, WILLIAM W BOINAYA TEE	•				
1288 WARNOCK, O CARLE CHOPY H. JT. 1977. MOD MORTH PLEASANT GROVE UT 84002. 1240 WARNOCK, OCARLE CHORNER LT. 2415 N 1050 WEST PLEASANT GROVE UT 84002. 1240 WARNOCK, OCARLE CHORNER LT. 986 W 2270 SOUTH #301 PLEASANT GROVE UT 84002. 1242 WESP, PTERT JE FRANKET JT 648 E 50 NORTH AMERICAN FORK UT 84002. 1242 WESP, PTERT JE FRANKET JT 648 E 50 NORTH AMERICAN FORK UT 84002. 1244 WESP, PTERT JE FRANKET JT 74848 N 1300 WEST PLEASANT GROVE UT 84002. 1244 WESP, PTERT JE FRANKET JT 189 N 1630 WEST PLEASANT GROVE UT 84002. 1244 WESP, PTERT JE FRANKET JT 189 N 1630 WEST PLEASANT GROVE UT 84002. 1246 WESP, DOLDEN & EMBLE JT 1389 N 1630 WEST PLEASANT GROVE UT 84002. 1246 WESP, DOLDEN & EMBLE JT 1389 N 1630 WEST PLEASANT GROVE UT 84002. 1246 WEST, DOLDEN & EMBLE JT 1389 N 1630 WEST PLEASANT GROVE UT 84002. 1246 WEST, DOLDEN & EMBLE JT 1389 N 1630 WEST PLEASANT GROVE UT 84002. 1248 WEST, DOLDEN & EMBLE JT 1389 N 1630 WEST PLEASANT GROVE UT 84002. 1248 WEST, DOLDEN & EMBLE JT 1839 N 1630 WEST PLEASANT GROVE UT 84002. 1249 WEST, DOLD & HEATHER D JT 345 W 200 SOUTH PLEASANT GROVE UT 84002. 1250 WEST, KENNETH D & DOROUTHY F TEE 910 E 400 NORTH PLEASANT GROVE UT 84002. 1250 WEST, EMBLE M TEE 310 E 400 NORTH PLEASANT GROVE UT 84002. 1250 WEST, LANCE C & LESUE G 397 E 500 SOUTH PLEASANT GROVE UT 84002. 1252 WEST, LANCE C & LESUE G 397 E 500 SOUTH PLEASANT GROVE UT 84002. 1256 WEST, LANCE C & LESUE G 397 E 500 SOUTH PLEASANT GROVE UT 84002. 1256 WEST, LANCE C & LESUE G 397 E 500 SOUTH PLEASANT GROVE UT 84002. 1256 WEST, LANCE C & LESUE G 397 E 500 SOUTH PLEASANT GROVE UT 84002. 1256 WEST, LANCE C & LESUE G 397 E 500 SOUTH PLEASANT GROVE UT 84002. 1256 WEST, LANCE C & LESUE G 397 E 500 SOUTH PLEASANT GROVE UT 84002. 1256 WEST, LANCE C & LESUE G 397 E 500 SOUTH PLEASANT GROVE UT 84002. 1256 WEST, LANCE C & LESUE G 397 E 500 SOUTH PLEASANT GROVE UT 84002. 1256 WEST, BOWN D A LANGE C & LESUE G A LANGE C & LESUE G A LANGE C & LANGE					
1239 IWEST, RETAIL OF SEED SEED SEED SEED SEED SEED SEED SEE	1237 WARNICK, WILLIAM W & DIANA TEE	2785 N 1450 WEST	PLEASANT GROVE	UT	
1400 MATTERS, MANY L.	1238 WARNOCK, D CARL & CINDY H JT		PLEASANT GROVE		
244 WER PROPERTY ILLC	1239 WARREN, MICHAEL & CHARLENE JT	2415 N 1050 WEST	PLEASANT GROVE	UT	84062
1242 WERR, PORTER JA FRANKET JT 661E 20 NOOTH PLASANT GROVE UT 84002. 1244 WELCH, DAVID TEE 1641 W 50 NOOTH PLASANT GROVE UT 84002. 1246 WELCH, DAVID TEE 1641 W 50 NOOTH PLASANT GROVE UT 84002. 1246 WELCH, DAVID TEE 1641 W 50 NOOTH PLASANT GROVE UT 84002. 1246 WELLSLEY, CRAIG H 6 CYNTHAL JT 1398 N 100 EAST PLASANT GROVE UT 84002. 1246 WELLSLEY, CRAIG H 6 CYNTHAL JT 1398 N 100 EAST PLASANT GROVE UT 84002. 1246 WELLSLEY, CRAIG H 6 CYNTHAL JT 1398 N 100 EAST PLASANT GROVE UT 84002. 1246 WELLSLEY, CRAIG H 6 CYNTHAL JT 1398 N 100 EAST PLASANT GROVE UT 84002. 1248 WELLS, ROBERT K 1277 NOO WEST PLASANT GROVE UT 84002. 1248 WELLS, ROBERT K 1277 NOO WEST PLASANT GROVE UT 84002. 1248 WELLS, ROBERT K 1277 NOO WEST PLASANT GROVE UT 84002. 1250 WEST, KENNETH O & DOROCHTHY TEE 910 E 400 NOOTH PLASANT GROVE UT 84002. 1250 WEST, KENNETH O & DOROCHTHY TEE 910 E 400 NOOTH PLASANT GROVE UT 84002. 1250 WEST, LANCE & LESUE G 397 E 500 SOUTH PLASANT GROVE UT 84002. 1252 WEST, LANCE & LESUE G 397 E 500 SOUTH PLASANT GROVE UT 84002. 1254 WEST, LANCE & LESUE G 397 E 500 SOUTH PLASANT GROVE UT 84002. 1254 WEST, LANCE & LESUE G 397 E 500 SOUTH PLASANT GROVE UT 84002. 1256 WEST, MARY TEE 300 SOUTH PLASANT GROVE UT 84002. 1256 WEST, MARY TEE 300 SOUTH PLASANT GROVE UT 84002. 1256 WEST, ROYAL 1000 E 900 SOUTH PLASANT GROVE UT 84002. 1256 WEST, ROYAL 100 E 900 SOUTH PLASANT GROVE UT 84002. 1256 WEST, ROYAL 100 E 900 SOUTH PLASANT GROVE UT 84002. 1256 WEST, ROYAL 100 E 900 SOUTH PLASANT GROVE UT 84002. 1256 WEST, ROYAL 100 E 900 SOUTH PLASANT GROVE UT 84002. 1256 WEST, ROYAL 100 E 900 SOUTH PLASANT GROVE UT 84002. 1256 WEST, ROYAL 100 E 900 SOUTH PLASANT GROVE UT 84002. 1256 WEST, ROYAL 100 E 900 SOUTH PLASANT GROVE UT 84002. 1256 WEST, ROYAL 100 E 900 SOUTH PLASANT GROVE UT 84002. 1256 WEST, ROYAL 100 E 900 SOUTH PLASANT GROVE UT 84002. 1256 WEST, ROYAL 100 E 900 SOUTH PLASANT GROVE UT 84002. 1256 WEST, ROYAL 100 E 900 SOUTH PLASANT GROVE UT 84002. 1256 WEST, ROYAL 100 E 900 SOUTH PLASANT GROVE UT 84002. 1256 WEST, ROYAL 100 E 900 SOUTH PLAS	1240 WATERS, MARY L	986 W 270 SOUTH #101	PLEASANT GROVE	UT	84062
1243 WEEL, ADAVID TE 1641 W.S DOORTH PLEASANT GROVE UT 84002 1244 WEICH, DAVID TE 1641 W.S DOORTH PLEASANT GROVE UT 84002 1245 WEICH, SOLDEN & BRILLER UT 1358 N 1630 WEST #70 PLEASANT GROVE UT 84002 1246 WEILLISEN, CRAIGH & CYMTHAI IT 1358 N 1630 WEST #70 PLEASANT GROVE UT 84002 1247 WEILLS, CRAIGH & CYMTHAI IT 1518 W 2600 NORTH PLEASANT GROVE UT 84002 1247 WEILS, CREET & 2472 N 600 WEST PLEASANT GROVE UT 84002 1248 WEILS, GROEFE	1241 WE PROPERTY II LLC	2845 N 900 WEST	PLEASANT GROVE	UT	84062
1244 WEICH, DAVID TEE	1242 WEBB, PETER J & FRANKIE T JT	648 E 80 NORTH	AMERICAN FORK	UT	84003
145 WEICH, GOLDEN & EMULEE JT	1243 WEBER, ROBBY L & SHELLY JT	2448 N 1300 WEST	PLEASANT GROVE	UT	84062
1246 WELESEY, CANGE H. & CYMTHIA. JT 1338 N 100 EAST PLEASANT GROVE UT 84062 1249 WELLS, FOREST	1244 WELCH, DAVID TEE	1641 W 50 NORTH	PLEASANT GROVE	UT	84062
1247 WELLS, KENT C & JANET M	1245 WELCH, GOLDEN & EMILEE JT	189 N 1630 WEST #70	PLEASANT GROVE	UT	84062
1248 WELLS, ROBERT K	1246 WELLESLEY, CRAIG H & CYNTHIA JT	1393 N 100 EAST	PLEASANT GROVE	UT	84062
1249 WEST, DON & HEATHER D	1247 WELLS, KENT C & JANET M JT	515 W 2600 NORTH	PLEASANT GROVE	UT	84062
1249 WEST, DONA B.HEATHERD JT	1248 WELLS, ROBERT K	2472 N 600 WEST	PLEASANT GROVE	UT	84062
1250 WEST, KENNETH D & DORORTHY F TEE	-	345 W 200 SOUTH	PLEASANT GROVE	UT	84062
1525 WEST, KERRY J		910 E 400 NORTH		UT	
WEST, LEAR M TEE 340 S LOCUST AV PLEASANT GROVE UT 84062					
1253 WEST, LELA M TEE				_	
MEST, MARY					
1255 WEST, PIYYLLIS GARLAND TEE 385 E 500 SOUTH PLEASANT GROVE UT \$4062					
1256 WEST, ROYAL J 1090 E 900 SOUTH PLEASANT GROVE UT 84062 1258 WEST, ROYAL J 1100 E 900 SOUTH PLEASANT GROVE UT 84062 1258 WEST, STEVEN D & DIANE N TEE 200 N 950 EAST PLEASANT GROVE UT 84062 1259 WESTROC INC 670 W 220 SOUTH PLEASANT GROVE UT 84062 1260 WHALEY, ROBERT J & CHRISTINE J T 67 E 700 SOUTH PLEASANT GROVE UT 84062 1261 WHITAKER, CAROL A ET AL 2815 N 1202 WEST PLEASANT GROVE UT 84062 1262 WHITAKER, CAROL A ET AL 2815 N 1202 WEST PLEASANT GROVE UT 84062 1263 WHITAKER, CAROL A ET AL 2815 N 1202 WEST PLEASANT GROVE UT 84062 1264 WHITAKER, MATTHEW A CAROL A JT 791 W 600 NORTH UNDON UT 84042 1265 WHITELEY, KAYLON T & JAN JT 791 W 600 NORTH UNDON UT 84042 1266 WILLIAMS, CHRISTOPHER GEORGE VAUGHN 845 N 100 EAST PLEASANT GROVE UT 84062 1267 WILLIAMS, CANDER AN SANGE B JT 361 W 800 NORTH UNDON UT 84095 1266 WILLIAMS, CANDER AN SANGE B JT 361 W 800 NORTH UNDON UT 84092 1276 WILLIAMS, RENTS & CHARLENE 1075 N 100 EAST PLEASANT GROVE UT 84062 1276 WILLIAMS, RENTS & CHARLENE 1075 N 100 EAST PLEASANT GROVE UT 84062 1276 WILLIAMS, RENTS & CHARLENE 1075 N 100 EAST PLEASANT GROVE UT 84062 1277 WILLIAMSON REARM SLLC. 250 BEECHWOOD DR #120 B01SE ID 83709 1271 WILLIAMSON ROBERT 45 S TO SANGE B JT 361 W 800 NORTH UNDON UT 84062 1279 WILLIAMSON ROBERT 45 S TO SANGE B JT 361 W 800 NORTH UNDON UT 84062 1279 WILLIAMSON ROBERT 45 S TO SANGE B JT 361 W 800 NORTH UNDON UT 84062 1279 WILLIAMSON ROBERT 15 D T SANGE B JT 361 W 800 NORTH UNDON UT 84062 1279 WILLIAMSON ROBERT 45 S T SANGE B JT 361 W 800 NORTH UNDON UT 84062 1279 WILLIAMSON ROBERT 45 S T SANGE B JT 361 W 800 NORTH UNDON UT 84062 1279 WILLIAMSON ROBERT 45 S T SANGE B JT 361 W 800 NORTH UNDON UT 84062 1279 WILLIAMSON ROBERT 45 S T SANGE B JT 370 W 800 NORTH UNDON UT 84062 1279 WILLIAMSON ROBERT 45 S T SANGE B JT 370 W 800 NORTH UNDON UT 84062 1279 WILLIAMSON ROBERT 45 S T SANGE B JT 370 W 800 NORTH UNDON UT 84062 1279 WILLIAMSON ROBERT 15 D T SANGE B JT 172 S SO EAST PLEASANT GROVE UT 84062 1279 WILLIAMSON ROBERT 15 D T SANGE B JT 172 S SO EAST PLEASANT GROVE UT 84062 12					
MEST, ROYAL J					
1258 WEST, STEVEN D & DIANE N TEE	· ·				
1259 WESTROC INC	•				
WHALEY, ROBERT J & CHRISTINE JT					
1261 WHITAKER, CAROL A ET AL 2816 N 1020 WEST PLEASANT GROVE UT 84062 WHITAKER, MATTHEW A & CAROL A JT 2816 N 1020 WEST PLEASANT GROVE UT 84062 WHITAKER, MATTHEW A & CAROL A JT 791 W 600 NORTH LINDON UT 84062 WHITAKER, LARIN TROVE UT 84062 WHIGER, JOHN R ET AL 1467 W 80 SOUTH PLEASANT GROVE UT 84062 LOSE WHILLAMS, CHRISTOPHER GEORGE VAUGHN 845 N 100 EAST PLEASANT GROVE UT 84062 LOSE WHILLAMS, CHRISTOPHER GEORGE VAUGHN 845 N 100 EAST PLEASANT GROVE UT 84062 LOSE WHILLAMS, CARD M A ANGIE B JT 361 W 800 NORTH LINDON UT 84042 LOSE WHILLAMS, EXPT S & CHARLENE 1075 N 100 EAST PLEASANT GROVE UT 84062 LOSE WHILLAMS, EXPT S & CHARLENE 1075 N 100 EAST PLEASANT GROVE UT 84062 LOSE WHILLAMS, EXPT S & CHARLENE 1075 N 100 EAST PLEASANT GROVE UT 84062 LOSE WHILLAMS, EXPT S & CHARLENE 1075 N 100 EAST PLEASANT GROVE UT 84062 LOSE WHILLAMS, EXPT S & CHARLENE 1075 N 100 EAST PLEASANT GROVE UT 84062 LOSE WHILLAMS, EXPT S & CHARLENE 1075 N 100 EAST PLEASANT GROVE UT 84062 LOSE WHILLAMS, EXPT S & CHARLENE 1075 N 100 EAST PLEASANT GROVE UT 84062 LOSE WHILLAMSON ROBERT 445 E STATE RD PLEASANT GROVE UT 84062 LOSE WHILLAMSON, ROBERT 445 E STATE RD PLEASANT GROVE UT 84062 LOSE WHILLAMSON, ROBERT 445 E STATE RD PLEASANT GROVE UT 84062 LOSE WHILLAMSON, ROBERT 1075 N 100 EAST PLEASANT GROVE UT 84062 LOSE WHILLAMSON, ROBERT LEON 175 LOSE LOSE WHILLAMSON, ROBERT LEON 175 LOSE LOSE WHILLAMSON, ROBERT LEON 175 LOSE LOSE LOSE LOSE LOSE LOSE LOSE LOSE					
1262 WHITAKER, MATTHEW A & CAROL A JT 2816 N 1020 WEST		67 E 700 SOUTH	PLEASANT GROVE		
1263 WHITELEY, KAYLON T & JAN	1261 WHITAKER, CAROL A ET AL	2815 N 1020 WEST	PLEASANT GROVE	UT	84062
1264 WIGERT, JOHN R ET AL	1262 WHITAKER, MATTHEW A & CAROL A JT	2816 N 1020 WEST	PLEASANT GROVE	UT	84062
1265 WILLDE, L CLAIR 1266 WILLIAMS, CHRISTOPHER GEORGE VAUGHN 1267 WILLIAMS, DAVID M & ANGIE B JT 1267 WILLIAMS, DAVID M & ANGIE B JT 1268 WILLIAMS, CHRISTOPHER GEORGE VAUGHN 1268 WILLIAMS, DAVID M & ANGIE B JT 1270 WILLIAMS, MENTS & CHARLENE 1270 WILLIAMS, MELAYNE W 1270 WILLIAMS, MELAYNE W 1270 WILLIAMS, MELAYNE W 1270 WILLIAMSON FARMS L.L.C. 1270 WILLIAMSON FARMS L.L.C. 1270 WILLIAMSON FARMS L.L.C. 1270 WILLIAMSON INVESTMENTS L.C. 1270 WILLIAMSON, ROBERT 1271 WILLIAMSON, ROBERT 1272 WILLIAMSON, ROBERT 1273 WILLIAMSON, ROBERT 1274 WILLIAMSON, ROBERT 1275 WILLIAMSON, ROBERT 1276 WILLIAMSON, ROBERT 1277 WILLIAMSON, ROBERT 1278 WILLIAMSON, ROBERT 1279 WILLIAMSON, ROBERT 1279 WILLIAMSON, ROBERT 1270 WILLIAMSON, ROBERT WILL WILL WILL WILL WILL WILL WILL WIL	1263 WHITELEY, KAYLON T & JAN JT	791 W 600 NORTH	LINDON	UT	84042
1266 WILLIAMS, CHRISTOPHER GEORGE VAUGHN	1264 WIGERT, JOHN R ET AL	1467 W 80 SOUTH	PLEASANT GROVE	UT	84062
1267 WILLIAMS, DAVID M & ANGIE B JT 361 W 800 NORTH LINDON UT 84042 1268 WILLIAMS, KENT S & CHARLENE 1075 N 100 EAST PLEASANT GROVE UT 84062 1279 WILLIAMS, MELAYNE W 3810 VALLEY VIEW DR CEDAR HILLS UT 84062 1270 WILLIAMSON FARMS L.L.C. 250 BEECHWOOD DR #120 BOISE ID 83709 1271 WILLIAMSON INVESTMENTS L.C. 168 N 1200 EAST OREM UT 84097 1272 WILLIAMSON INVESTMENTS L.C. 168 N 1200 EAST OREM UT 84097 1272 WILLIAMSON, ROBERT 445 E STATE RD PLEASANT GROVE UT 84062 1273 WILLIAMSON, ROBERT 150 TEE 3531 CANYON RD PLEASANT GROVE UT 84062 1274 WILSON, BRUCE J & MARNAE B JT 236 W 310 NORTH OREM UT 84057 1275 WILSON, CRIST & DEBRA C 1752 N 70 EAST PLEASANT GROVE UT 84062 1276 WILSON, DEVIN E & MELISSA ET AL 1579 W 80 SOUTH PLEASANT GROVE UT 84062 1276 WILSON, DEVIN E & MELISSA ET AL 1579 W 80 SOUTH PLEASANT GROVE UT 84062 1277 WILSON, CRIST L & DANAL JT 172 S 350 EAST OREM UT 84062 1279 WILSON, KEVEN L & KAREN M JT 345 W 700 SOUTH PLEASANT GROVE UT 84062 1280 WILSON, KEVEN L & KAREN M JT 345 W 700 SOUTH PLEASANT GROVE UT 84062 1281 WILSON, MATTHEW J & CARREJ JT 1635 E MURDOCK DR PLEASANT GROVE UT 84062 1282 WILSON, MATTHEW J & CARREJ JT 1635 E MURDOCK DR PLEASANT GROVE UT 84062 1283 WINDSON, READNER L & KATHLEEN JT 2345 N 600 WEST PLEASANT GROVE UT 84062 1284 WILSON, MATTHEW J & CARREJ JT 1635 E MURDOCK DR PLEASANT GROVE UT 84062 1284 WILSON, MATTHEW J & CARREJ JT 1635 E MURDOCK DR PLEASANT GROVE UT 84062 1284 WILSON, MATTHEW J & CARREJ JT 1635 E MURDOCK DR PLEASANT GROVE UT 84062 1285 WILTBANK, JAMES & BOBIJ JT 2928 W 160 NORTH PROVO UT 84062 1286 WINDSOR, BRADDER L & KATHLEEN JT 2345 N 600 WEST PLEASANT GROVE UT 84062 1286 WINDSOR, BRADDER L & KATHLEEN JT 2345 N 600 WEST PLEASANT GROVE UT 84062 1287 WILTBANK, JAMES & BOBIJ JT 363 N 1620 WEST PLEASANT GROVE UT 84062 1288 WINDSOR, BRADDER L & KATHLEEN JT 758 S 400 EAST DREASANT GROVE UT 84062 1290 WOOD, READ SEA REACHELLE L JT 994 W 600 NORTH PLEASANT GROVE UT 84062 1291 WOODARD, WILS A JANAL JT 2634 CANYON RD PLEASANT GROVE UT 84062 1292 WOODBURY, WICHARDS ET AL TEE 2733 PA	1265 WILDE, L CLAIR	10641 JACOB ASTOR WAY	SOUTH JORDAN	UT	84095
1268 WILLIAMS, KENT S. & CHARLENE 1075 N 100 EAST PLEASANT GROVE UT 84062 1269 WILLIAMS, MELAYNE W 3810 VALLEY VIEW DR CEDAR HILLS UT 84062 1270 WILLIAMS, MELAYNE W 3810 VALLEY VIEW DR CEDAR HILLS UT 84062 1271 WILLIAMSON FARMS LL.C. 168 N 1200 EAST OREM UT 84097 1272 WILLIAMSON, ROBERT 445 E STATE RD PLEASANT GROVE UT 84062 1273 WILLIAMSON, ROBERT LEON TEE 3531 CANYON RD PLEASANT GROVE UT 84062 1274 WILSON, BRUCE J & MARNAE B JT 236 W 310 NORTH OREM UT 84062 1274 WILSON, BRUCE J & MARNAE B JT 236 W 310 NORTH OREM UT 84062 1274 WILSON, BRUCE J & MARNAE B JT 236 W 310 NORTH OREM UT 84062 1275 WILSON, SENTE & BARSA C 1752 N 70 EAST PLEASANT GROVE UT 84062 1276 WILSON, SEITH & BANAL JT 172 S 350 EAST	1266 WILLIAMS, CHRISTOPHER GEORGE VAUGHN	845 N 100 EAST	PLEASANT GROVE	UT	84062
1269 WILLIAMS, MELAYNE W 3810 VALLEY VIEW DR CEDAR HILLS UT 84062 1270 WILLIAMSON FARMS L.L.C. 250 BEECHWOOD DR #120 BOISE ID 83709 1271 WILLIAMSON INVESTMENTS L.C. 168 N 1200 EAST OREM UT 84097 1272 WILLIAMSON INVESTMENTS L.C. 168 N 1200 EAST OREM UT 84062 1272 WILLIAMSON, ROBERT 445 E STATE RD PLEASANT GROVE UT 84062 1274 WILSON, BRUCE J & MARNAE B JT 236 W 310 NORTH OREM UT 84052 1274 WILSON, BRUCE J & MARNAE B JT 236 W 310 NORTH OREM UT 84062 1275 WILSON, CRIS E & DEBRA C 1752 N 70 EAST PLEASANT GROVE UT 84062 1276 WILSON, CRIS E & BOERA C 1752 N 70 EAST PLEASANT GROVE UT 84062 1276 WILSON, DEVIN E & MELISSA ET AL 1579 W 80 SOUTH PLEASANT GROVE UT 84062 1277 WILSON, GRANT M & RETA R JT 172 S 350 EAST OREM UT 84058 1278 WILSON, KEITH L & DANA L JT 1793 N 1300 WEST PLEASANT GROVE UT 84062 1279 WILSON, KEVEN L & KARREN M JT 345 W 700 SOUTH PLEASANT GROVE UT 84062 1280 WILSON, MATTHEW J & CARRIE J JT 1635 E MURDOCK DR PLEASANT GROVE UT 84062 1280 WILSON, MATTHEW J & CARRIE J JT 1635 E MURDOCK DR PLEASANT GROVE UT 84062 1281 WILSON, TYLER W 297 S RIDGECREST DR OREM UT 84052 1282 WILTBANK, JAMES & BOBI J IT 2928 W 160 NORTH PROVO UT 84062 1284 WINSON, BRADNER L & KATHLEEN JT 2345 N 600 WEST PLEASANT GROVE UT 84062 1284 WINSLOW, ERNEST P SR TEE 517 CENTRAL AV ALAMEDA CA 94501 1285 WINTERS, ELMA MERMA PROCTOR TEE 71 S 1025 EAST LINDON UT 84062 1286 WINTERS, ELMA MERMA PROCTOR TEE 71 S 1025 EAST LINDON UT 84062 1286 WINTERS, ELMA MERMA PROCTOR TEE 71 S 1025 EAST LINDON UT 84062 1286 WINTERS, ELMA MERMA PROCTOR TEE 71 S 1025 EAST LINDON UT 84062 1286 WINTERS, ELMA MERMA PROCTOR TEE 71 S 1025 EAST LINDON UT 84062 1286 WINTERS, ELMA MERMA PROCTOR TEE 72 S 400 EAST PLEASANT GROVE UT 84062 1286 WINTERS, ELMA MERMA	1267 WILLIAMS, DAVID M & ANGIE B JT	361 W 800 NORTH	LINDON	UT	84042
1270 WILLIAMSON FARMS L.L.C. 250 BEECHWOOD DR #120 BOISE ID 83709 1271 WILLIAMSON INVESTMENTS L.C. 168 N 1200 FAST OREM UT 84097 1272 WILLIAMSON, ROBERT 445 E STATE RD PLEASANT GROVE UT 84062 1273 WILLIAMSON, ROBERT 2351 CANYON RD PLEASANT GROVE UT 84062 1274 WILSON, BRUCE J & MARNAE B JT 236 W 310 NORTH OREM UT 84057 1275 WILSON, BRUCE J & MARNAE B JT 236 W 310 NORTH OREM UT 84062 1276 WILSON, CRISE & DEBRA C 1752 N 70 EAST PLEASANT GROVE UT 84062 1276 WILSON, DEVIN E & MELISSA ET AL 1579 W 80 SOUTH PLEASANT GROVE UT 84062 1276 WILSON, GRANT M & RETAR JT 172 S 350 EAST OREM UT 84062 1279 WILSON, KEITH L & DANA L JT 1793 N 1300 WEST PLEASANT GROVE UT 84062 1279 WILSON, KEITH L & DANA L JT 1793 N 1300 WEST PLEASANT GROVE UT 84062 1280 WILSON, MATTHEW J & CARRIE J JT 1635 E MURDOCK DR PLEASANT GROVE UT 84062 1280 WILSON, MATTHEW J & CARRIE J JT 1635 E MURDOCK DR PLEASANT GROVE UT 84062 1280 WILSON, TYLER W 297 S RIDGECREST DR OREM UT 84062 1281 WILSON, TYLER W 297 S RIDGECREST DR OREM UT 84062 1283 WINDSOR, BRADNER L & KATHLEEN JT 2345 N 600 WEST PLEASANT GROVE UT 84062 1284 WINSLOW, ERNEST P SR TEE 517 CENTRAL AV ALAMEDA CA 94501 1285 WINSLOW, ERNEST P SR TEE 517 CENTRAL AV ALAMEDA CA 94501 1285 WINSLOW, ERNEST P SR TEE 517 CENTRAL AV ALAMEDA CA 94501 1285 WINSLOW, ERNEST P SR TEE 517 CENTRAL AV ALAMEDA CA 94501 1285 WINSLOW, ERNEST P SR TEE 517 CENTRAL AV ALAMEDA CA 94501 1285 WINSLOW, ERNEST P SR TEE 517 CENTRAL AV ALAMEDA CA 94501 1285 WINSLOW, ERNEST P SR TEE 517 CENTRAL AV ALAMEDA CA 94501 1285 WINSLOW, ERNEST P SR TEE 517 CENTRAL AV ALAMEDA CA 94501 1291 WOOD, TRAVIS E & RACHELLE L JT 994 W 600 NORTH HIGHLAND UT 84062 1291 WOOD, TRAVIS E & RACHELLE L JT 994 W 600 NORTH PLEASANT	1268 WILLIAMS, KENT S & CHARLENE	1075 N 100 EAST	PLEASANT GROVE	UT	84062
1270 WILLIAMSON FARMS L.L.C. 250 BEECHWOOD DR #120 BOISE ID 83709 1271 WILLIAMSON INVESTMENTS L.C. 168 N 1200 EAST OREM UT 84097 1272 WILLIAMSON, ROBERT 445 E STATE RD PLEASANT GROVE UT 84062 1273 WILLIAMSON, ROBERT 2351 CANYON RD PLEASANT GROVE UT 84062 1274 WILSON, BRUCE J & MARNAE B JT 236 W 310 NORTH OREM UT 84057 1275 WILSON, CRISE & DEBRA C 1752 N 70 EAST PLEASANT GROVE UT 84062 1276 WILSON, DEVIN E & MELISSA ET AL 1579 W 80 SOUTH PLEASANT GROVE UT 84062 1276 WILSON, GRANT M & RETAR JT 172 S 350 EAST OREM UT 84062 1278 WILSON, KEITH L & DANAL JT 1793 N 1300 WEST PLEASANT GROVE UT 84062 1279 WILSON, KEITH L & DANAL JT 1793 N 1300 WEST PLEASANT GROVE UT 84062 1279 WILSON, KEVEN L & KAREN M JT 345 W 700 SOUTH PLEASANT GROVE UT 84062 1279 WILSON, MATTHEW J & CARRIE J JT 1635 E MURDOCK DR PLEASANT GROVE UT 84062 1281 WILSON, TYLER W 297 S RIDGECREST DR OREM UT 84053 1282 WILSON, TYLER W 297 S RIDGECREST DR OREM UT 84062 1283 WILSON, TYLER W 297 S RIDGECREST DR OREM UT 84062 1284 WILSON, ERNEST P SR TEE 517 CENTRAL AV ALAMEDA CA 994501 1285 WINSDOR, BRADNER L & KATHLEEN JT 2345 N 600 WEST PLEASANT GROVE UT 84062 1285 WINSDOR, BRADNER L & KATHLEEN JT 2345 N 600 WEST PLEASANT GROVE UT 84062 1286 WINSDOR, BRADNER L & RATHLEEN JT 2345 N 600 WEST PLEASANT GROVE UT 84062 1286 WINSDOR, BRADNER L & RATHLEEN JT 2345 N 600 WEST PLEASANT GROVE UT 84062 1286 WINSDOR, BRADNER L & RATHLEEN JT 2345 N 600 WEST PLEASANT GROVE UT 84062 1286 WINSDOR, BRADNER L & RATHLEEN JT 2345 N 600 WEST PLEASANT GROVE UT 84062 1286 WINSDOR, BRADNER L & RATHLEEN JT 2345 N 600 WEST PLEASANT GROVE UT 84062 1286 WINSDOR, BRADNER L & RATHLEEN JT 2345 N 600 WEST PLEASANT GROVE UT 84062 1286 WINSDOR, BRADNER L & RATHLEEN JT 2345 N 600 WEST PLEASANT	1269 WILLIAMS, MELAYNE W	3810 VALLEY VIEW DR	CEDAR HILLS	UT	84062
1272 WILLIAMSON, ROBERT 445 E STATE RD PLEASANT GROVE UT 84062 1273 WILLIAMSON, ROBERT LEON TEE 3531 CANYON RD PLEASANT GROVE UT 84062 1274 WILSON, BRUCE J & MARNAE B JT 236 W 310 NORTH OREM UT 84062 1275 WILSON, CRIS E & DEBRA C 1752 N 70 EAST PLEASANT GROVE UT 84062 1276 WILSON, DEVIN E & MELISSA ET AL 1579 W 80 SOUTH PLEASANT GROVE UT 84062 1277 WILSON, GRANT M & RETA R JT 172 S 350 EAST OREM UT 84062 1279 WILSON, KEVEN L & KAREN M JT 1793 N 1300 WEST PLEASANT GROVE UT 84062 1280 WILSON, KEVEN L & KAREN M JT 1635 E MURDOCK DR PLEASANT GROVE UT 84062 1281 WILSON, TYLER W 297 S RIDGECREST DR OREM UT 84062 1282 WILTEANK, JAMES & BOBI J JT 2928 W 160 NORTH PROVO UT 84062 1283 WILTEANK, JAMES & BOBI J JT 2928 W 160 NORTH PROVO	1270 WILLIAMSON FARMS L.L.C.		BOISE	ID	83709
1272 WILLIAMSON, ROBERT 445 E STATE RD PLEASANT GROVE UT 84062 1273 WILLIAMSON, ROBERT LEON TEE 3531 CANYON RD PLEASANT GROVE UT 84062 1274 WILSON, BRUCE J & MARNAE B JT 236 W 310 NORTH OREM UT 84062 1275 WILSON, CRIS E & DEBRA C 1752 N 70 EAST PLEASANT GROVE UT 84062 1276 WILSON, DEVIN E & MELISSA ET AL 1579 W 80 SOUTH PLEASANT GROVE UT 84062 1277 WILSON, GRANT M & RETA R JT 1793 N 1300 WEST PLEASANT GROVE UT 84062 1279 WILSON, KEVEN L & KAREN M JT 1793 N 1300 WEST PLEASANT GROVE UT 84062 1280 WILSON, MATTHEW J & CARRIE J JT 1635 E MURDOCK DR PLEASANT GROVE UT 84062 1281 WILSON, TYLER W 297 S RIDGECREST DR OREM UT 84062 1283 WILTEANE, JAMES & BOBI J JT 2928 W 160 NORTH PROVO UT 84062 1284 WILSON, SERDER L & KATHLLEEN JT 2345 N 600 WEST <t< td=""><td>1271 WILLIAMSON INVESTMENTS L.C.</td><td>168 N 1200 EAST</td><td>OREM</td><td>UT</td><td>84097</td></t<>	1271 WILLIAMSON INVESTMENTS L.C.	168 N 1200 EAST	OREM	UT	84097
1273 WILLIAMSON, ROBERT LEON TEE 3531 CANYON RD PLEASANT GROVE UT 84062 1274 WILSON, BRUCE J & MARNAE B JT 236 W 310 NORTH OREM UT 84057 1275 WILSON, CRIS E & DEBRA C 1752 N 70 EAST PLEASANT GROVE UT 84062 1276 WILSON, CRIS E & MELISSA ET AL 1579 W 80 SOUTH PLEASANT GROVE UT 84062 1277 WILSON, GRANT M & RETA R JT 172 S 350 EAST OREM UT 84062 1278 WILSON, KEITH L & DANA L JT 1793 N 1300 WEST PLEASANT GROVE UT 84062 1279 WILSON, KEVEN L & KAREN M JT 345 W 700 SOUTH PLEASANT GROVE UT 84062 1280 WILSON, MATTHEW J & CARRIE J JT 1635 E MURDOCK DR PLEASANT GROVE UT 84062 1281 WILSON, MATTHEW J & CARRIE J JT 1635 E MURDOCK DR PLEASANT GROVE UT 84062 1282 WILSON, TYLER W 297 S RIDGECREST DR OREM UT 84061 1283 WINDSOR, BRADNER L & KATHLEEN JT 2928 W 160 NORTH PROVO UT 84062 1284 WINDSOR, BRADNER L & KATHLEEN JT 2345 N 600 WEST PLEASANT GROVE UT 84062 1284 WINDSOR, BRADNER L & KATHLEEN JT 2345 N 600 WEST PLEASANT GROVE UT 84062 1285 WINDSOR, BRADNER L & KATHLEEN JT 2345 N 600 WEST PLEASANT GROVE UT 84062 1286 WINDSOR, BRADNER L & KATHLEEN JT 2345 N 600 WEST PLEASANT GROVE UT 84062 1287 WINDSOR, BRADNER L & KATHLEEN JT 2345 N 600 WEST PLEASANT GROVE UT 84062 1288 WINDSOR, BRADNER L & KATHLEEN JT 2345 N 600 WEST PLEASANT GROVE UT 84062 1289 WINDSOR, BRADNER L & RAQUEL TEE 211 N 600 WEST PLEASANT GROVE UT 84062 1280 WINWARD, JULIE A 83 N 1620 WEST PLEASANT GROVE UT 84062 1281 WINSE, JAMES L & RAQUEL TEE 2211 N 600 WEST PLEASANT GROVE UT 84062 1282 WINM MANAGEMENT COMPANY 401K P AN INT 758 S 400 EAST OREM UT 84062 1283 WIND MANAGEMENT COMPANY 401K P AN INT 758 S 400 EAST OREM UT 84062 1294 WOOD TRANIS E & RACHELLE L JT 994 W 600 NORTH PLEASANT GROVE UT 84062 1294 WOOD TRANIS E & RACHELLE L JT 994 W 600 NORTH PLEASANT GROVE UT 84062 1294 WOOD TRANIS E & RACHELLE L JT 994 W 600 NORTH PLEASANT GROVE UT 84062 1294 WOOD TRANIS E & RACHELLE L JT 994 W 600 NORTH PLEASANT GROVE UT 84062 1295 WOOD TRANIS E & RACHELLE L JT 994 W 600 NORTH PLEASANT GROVE UT 84062 1295 WOOD TRANIS E & RACHELLE L JT 994 W 600 NORTH PLEASANT GROVE UT 84062	1272 WILLIAMSON, ROBERT			UT	
1274 WILSON, BRUCE J & MARNAE B JT	•			_	
1275 WILSON, CRIS E & DEBRA C 1752 N 70 EAST PLEASANT GROVE UT 84062 1276 WILSON, DEVIN E & MELISSA ET AL 1579 W 80 SOUTH PLEASANT GROVE UT 84062 1277 WILSON, GRANT M & RETA R JT 172 S 350 EAST OREM UT 84058 1278 WILSON, KEITH L & DANA L JT 1793 N 1300 WEST PLEASANT GROVE UT 84062 1279 WILSON, KEVEN L & KAREN M JT 345 W 700 SOUTH PLEASANT GROVE UT 84062 1280 WILSON, KEVEN L & KAREN M JT 1635 E MURDOCK DR PLEASANT GROVE UT 84062 1281 WILSON, TYLER W 297 S RIDGECREST DR OREM UT 84062 1281 WILSON, TYLER W 297 S RIDGECREST DR OREM UT 84062 1282 WILSON, SERADNER L & KATHLEEN JT 2928 W 160 NORTH PROVO UT 84062 1283 WINDSOR, BRADNER L & KATHLEEN JT 2345 N 600 WEST PLEASANT GROVE UT 84062 1285 WINTERS, ELMA MERMA PROCTOR TEE 71 S 1025 EAST LINDON					
1276 WILSON, DEVIN E & MELISSA ET AL 1579 W 80 SOUTH PLEASANT GROVE UT 84062 1277 WILSON, GRANT M & RETA R JT 172 S 350 EAST OREM UT 84058 1278 WILSON, KEITH L & DANA L JT 1793 N 1300 WEST PLEASANT GROVE UT 84062 1279 WILSON, KEVEN L & KAREN M JT 345 W 700 SOUTH PLEASANT GROVE UT 84062 1280 WILSON, MATTHEW J & CARRIE J JT 1635 E MURDOCK DR PLEASANT GROVE UT 84062 1281 WILSON, TYLER W 297 S RIDGECREST DR OREM UT 84058 1282 WILTBANK, JAMES & BOBI J JT 2928 W 160 NORTH PROVO UT 84058 1282 WILTBANK, JAMES & BOBI J JT 2928 W 160 NORTH PROVO UT 84062 1283 WINDSOR, BRADNER L & KATHLEEN JT 2345 N 600 WEST PLEASANT GROVE UT 84062 1284 WINSLOW, ERNEST P SR TEE 517 CENTRAL AV ALAMEDA CA 94501 1285 WINTERS, ELMA MERMA PROCTOR TEE 71 S 1025 EAST LINDON UT 84062 1286 WINWARD, JULIE A					
1277 WILSON, GRANT M & RETA R JT 172 S 350 EAST OREM UT 84058 1278 WILSON, KEITH L & DANA L JT 1793 N 1300 WEST PLEASANT GROVE UT 84062 1279 WILSON, KEVEN L & KAREN M JT 345 W 700 SOUTH PLEASANT GROVE UT 84062 1280 WILSON, MATTHEW J & CARRIE J JT 1635 E MURDOCK DR PLEASANT GROVE UT 84062 1281 WILSON, TYLER W 297 S RIDGECREST DR OREM UT 84052 1282 WILTBANK, JAMES & BOBI J JT 2928 W 160 NORTH PROVO UT 84061 1283 WINDSOR, BRADNER L & KATHLEEN JT 2345 N 600 WEST PLEASANT GROVE UT 84061 1284 WINSLOW, ERNEST P SR TEE 517 CENTRAL AV ALAMEDA CA 94501 1285 WINTERS, ELMA MERMA PROCTOR TEE 71 S 1025 EAST LINDON UT 84062 1286 WINWARD, JULIE A 83 N 1620 WEST PLEASANT GROVE UT 84062 1287 WISE, JAMES L & RAQUEL TEE 2211 N 600 WEST PLEASANT GROVE UT 84062 1288 WILMANAGEMENT COMPANY 401K P AN					
1278 WILSON, KEITH L & DANA L JT 1793 N 1300 WEST PLEASANT GROVE UT 84062 1279 WILSON, KEVEN L & KAREN M JT 345 W 700 SOUTH PLEASANT GROVE UT 84062 1280 WILSON, MATTHEW J & CARRIE J JT 1635 E MURDOCK DR PLEASANT GROVE UT 84062 1281 WILSON, TYLER W 297 S RIDGECREST DR OREM UT 84058 1282 WILTBANK, JAMES & BOBI J JT 2928 W 160 NORTH PROVO UT 84061 1283 WINDSOR, BRADNER L & KATHLEEN JT 2345 N 600 WEST PLEASANT GROVE UT 84062 1284 WINSLOW, ERNEST P SR TEE 517 CENTRAL AV ALAMEDA CA 94501 1285 WINTERS, ELMA MERMA PROCTOR TEE 71 S 1025 EAST LINDON UT 84042 1286 WINWARD, JULIE A 83 N 1620 WEST PLEASANT GROVE UT 84062 1287 WISE, JAMES L & RAQUEL TEE 2211 N 600 WEST PLEASANT GROVE UT 84062 1288 WLM MANAGEMENT COMPANY 401K P AN INIT 758 S 400 EAST OREM UT 84062 1289 WMS PR				+	
1279 WILSON, KEVEN L & KAREN M JT 345 W 700 SOUTH PLEASANT GROVE UT 84062 1280 WILSON, MATTHEW J & CARRIE J JT 1635 E MURDOCK DR PLEASANT GROVE UT 84062 1281 WILSON, TYLER W 297 S RIDGECREST DR OREM UT 84058 1282 WILTBANK, JAMES & BOBI J JT 2928 W 160 NORTH PROVO UT 84601 1283 WINDSOR, BRADNER L & KATHLEEN JT 2345 N 600 WEST PLEASANT GROVE UT 84062 1284 WINSLOW, ERNEST P SR TEE 517 CENTRAL AV ALAMEDA CA 94501 1285 WINTERS, ELMA MERMA PROCTOR TEE 71 S 1025 EAST LINDON UT 84042 1286 WINWARD, JULIE A 83 N 1620 WEST PLEASANT GROVE UT 84062 1287 WISE, JAMES L & RAQUEL TEE 2211 N 600 WEST PLEASANT GROVE UT 84062 1288 WIM MANAGEMENT COMPANY 401K P AN INT 758 S 400 EAST OREM UT 84092 1289 WMS PROPERTIES LLC 6213 W 10830 NORTH HIGHLAND UT 84062 1291 WOOD, TRAVIS E & RAC	·				
1280 WILSON, MATTHEW J & CARRIE J JT 1635 E MURDOCK DR PLEASANT GROVE UT 84062 1281 WILSON, TYLER W 297 S RIDGECREST DR OREM UT 84058 1282 WILTBANK, JAMES & BOBI J JT 2928 W 160 NORTH PROVO UT 84601 1283 WINDSOR, BRADNER L & KATHLEEN JT 2345 N 600 WEST PLEASANT GROVE UT 84062 1284 WINSLOW, ERNEST P SR TEE 517 CENTRAL AV ALAMEDA CA 94501 1285 WINTERS, ELMA MERMA PROCTOR TEE 71 S 1025 EAST LINDON UT 84042 1286 WINWARD, JULIE A 83 N 1620 WEST PLEASANT GROVE UT 84062 1287 WISE, JAMES L & RAQUEL TEE 2211 N 600 WEST PLEASANT GROVE UT 84062 1288 WLM MANAGEMENT COMPANY 401K P AN INT 758 S 400 EAST OREM UT 84062 1289 WMS PROPERTIES LLC 6213 W 10830 NORTH HIGHLAND UT 84003 1290 WOOD, TRAVIS E & RACHELLE L JT 994 W 600 NORTH PLEASANT GROVE UT 84062 1291 WOODBURY, W RICHAR	,				
1281 WILSON, TYLER W 297 S RIDGECREST DR OREM UT 84058 1282 WILTBANK, JAMES & BOBI J JT 2928 W 160 NORTH PROVO UT 84601 1283 WINDSOR, BRADNER L & KATHLEEN JT 2345 N 600 WEST PLEASANT GROVE UT 84062 1284 WINSLOW, ERNEST P SR TEE 517 CENTRAL AV ALAMEDA CA 94501 1285 WINTERS, ELMA MERMA PROCTOR TEE 71 S 1025 EAST LINDON UT 84042 1286 WINWARD, JULIE A 83 N 1620 WEST PLEASANT GROVE UT 84062 1287 WISE, JAMES L & RAQUEL TEE 2211 N 600 WEST PLEASANT GROVE UT 84062 1288 WLM MANAGEMENT COMPANY 401K P AN INT 758 S 400 EAST OREM UT 84062 1289 WMS PROPERTIES LLC 6213 W 10830 NORTH HIGHLAND UT 84003 1290 WOOD, TRAVIS E & RACHELLE L JT 994 W 600 NORTH PLEASANT GROVE UT 84062 1291 WOODBURY, W RICHARDS ET AL TEE 2733 PARLEYS WAY #300 SALT LAKE CITY UT 84062 1294 WOODBURY, W RICHARDS ET AL TEE					
1282 WILTBANK, JAMES & BOBI J JT 2928 W 160 NORTH PROVO UT 84601 1283 WINDSOR, BRADNER L & KATHLEEN JT 2345 N 600 WEST PLEASANT GROVE UT 84062 1284 WINSLOW, ERNEST P SR TEE 517 CENTRAL AV ALAMEDA CA 94501 1285 WINTERS, ELMA MERMA PROCTOR TEE 71 S 1025 EAST LINDON UT 84042 1286 WINWARD, JULIE A 83 N 1620 WEST PLEASANT GROVE UT 84062 1287 WISE, JAMES L & RAQUEL TEE 2211 N 600 WEST PLEASANT GROVE UT 84062 1288 WLM MANAGEMENT COMPANY 401K P AN INT 758 S 400 EAST OREM UT 84097 1289 WMS PROPERTIES LLC 6213 W 10830 NORTH HIGHLAND UT 84003 1290 WOOD, TRAVIS E & RACHELLE L JT 994 W 600 NORTH PLEASANT GROVE UT 84062 1291 WOODBARD, RUSSELL D & JANA L JT 2634 CANYON RD PLEASANT GROVE UT 84062 1292 WOODBURY, W RICHARDS ET AL TEE 27					
1283 WINDSOR, BRADNER L & KATHLEEN JT 2345 N 600 WEST PLEASANT GROVE UT 84062 1284 WINSLOW, ERNEST P SR TEE 517 CENTRAL AV ALAMEDA CA 94501 1285 WINTERS, ELMA MERMA PROCTOR TEE 71 S 1025 EAST LINDON UT 84042 1286 WINWARD, JULIE A 83 N 1620 WEST PLEASANT GROVE UT 84062 1287 WISE, JAMES L & RAQUEL TEE 2211 N 600 WEST PLEASANT GROVE UT 84062 1288 WLM MANAGEMENT COMPANY 401K P AN INT 758 S 400 EAST OREM UT 84097 1289 WMS PROPERTIES LLC 6213 W 10830 NORTH HIGHLAND UT 84003 1290 WOOD, TRAVIS E & RACHELLE L JT 994 W 600 NORTH PLEASANT GROVE UT 84062 1291 WOODARD, RUSSELL D & JANA L JT 2634 CANYON RD PLEASANT GROVE UT 84062 1292 WOODBURY, W RICHARDS ET AL TEE 2733 PARLEYS WAY #300 SALT LAKE CITY UT 84663 1294 WOODEN, MEL J & JULENE JT PO BOX 169A SPRINGVILLE UT 84663 1					
1284 WINSLOW, ERNEST P SR TEE 517 CENTRAL AV ALAMEDA CA 94501 1285 WINTERS, ELMA MERMA PROCTOR TEE 71 S 1025 EAST LINDON UT 84042 1286 WINWARD, JULIE A 83 N 1620 WEST PLEASANT GROVE UT 84062 1287 WISE, JAMES L & RAQUEL TEE 2211 N 600 WEST PLEASANT GROVE UT 84062 1288 WLM MANAGEMENT COMPANY 401K P AN INT 758 S 400 EAST OREM UT 84097 1289 WMS PROPERTIES LLC 6213 W 10830 NORTH HIGHLAND UT 84003 1290 WOOD, TRAVIS E & RACHELLE L JT 994 W 600 NORTH PLEASANT GROVE UT 84062 1291 WOODARD, RUSSELL D & JANA L JT 2634 CANYON RD PLEASANT GROVE UT 84062 1292 WOODBURY, W RICHARDS ET AL TEE 2733 PARLEYS WAY #300 SALT LAKE CITY UT 84663 1294 WOODEN, MEL J & JULENE JT PO BOX 169A SPRINGVILLE UT 84663 1294 WOODIS, CHARLES EMERSON 226 N OREM BLVD OREM UT 84057	•				
1285 WINTERS, ELMA MERMA PROCTOR TEE 71 S 1025 EAST LINDON UT 84042 1286 WINWARD, JULIE A 83 N 1620 WEST PLEASANT GROVE UT 84062 1287 WISE, JAMES L & RAQUEL TEE 2211 N 600 WEST PLEASANT GROVE UT 84062 1288 WLM MANAGEMENT COMPANY 401K P AN INT 758 S 400 EAST OREM UT 84097 1289 WMS PROPERTIES LLC 6213 W 10830 NORTH HIGHLAND UT 84003 1290 WOOD, TRAVIS E & RACHELLE L JT 994 W 600 NORTH PLEASANT GROVE UT 84062 1291 WOODARD, RUSSELL D & JANA L JT 2634 CANYON RD PLEASANT GROVE UT 84062 1292 WOODBURY, W RICHARDS ET AL TEE 2733 PARLEYS WAY #300 SALT LAKE CITY UT 84109 1293 WOODEN, MEL J & JULENE JT PO BOX 169A SPRINGVILLE UT 84663 1294 WOODIS, CHARLES EMERSON 226 N OREM BLVD OREM UT 84057					
1286 WINWARD, JULIE A 83 N 1620 WEST PLEASANT GROVE UT 84062 1287 WISE, JAMES L & RAQUEL TEE 2211 N 600 WEST PLEASANT GROVE UT 84062 1288 WLM MANAGEMENT COMPANY 401K P AN INT 758 S 400 EAST OREM UT 84097 1289 WMS PROPERTIES LLC 6213 W 10830 NORTH HIGHLAND UT 84003 1290 WOOD, TRAVIS E & RACHELLE L JT 994 W 600 NORTH PLEASANT GROVE UT 84062 1291 WOODARD, RUSSELL D & JANA L JT 2634 CANYON RD PLEASANT GROVE UT 84062 1292 WOODBURY, W RICHARDS ET AL TEE 2733 PARLEYS WAY #300 SALT LAKE CITY UT 84109 1293 WOODEN, MEL J & JULENE JT PO BOX 169A SPRINGVILLE UT 84663 1294 WOODIS, CHARLES EMERSON 226 N OREM BLVD OREM UT 84057	-				
1287 WISE, JAMES L & RAQUEL TEE 2211 N 600 WEST PLEASANT GROVE UT 84062 1288 WLM MANAGEMENT COMPANY 401K P AN INT 758 S 400 EAST OREM UT 84097 1289 WMS PROPERTIES LLC 6213 W 10830 NORTH HIGHLAND UT 84003 1290 WOOD, TRAVIS E & RACHELLE L JT 994 W 600 NORTH PLEASANT GROVE UT 84062 1291 WOODARD, RUSSELL D & JANA L JT 2634 CANYON RD PLEASANT GROVE UT 84062 1292 WOODBURY, W RICHARDS ET AL TEE 2733 PARLEYS WAY #300 SALT LAKE CITY UT 84109 1293 WOODEN, MEL J & JULENE JT PO BOX 169A SPRINGVILLE UT 84663 1294 WOODIS, CHARLES EMERSON 226 N OREM BLVD OREM UT 84057	-				
1288 WLM MANAGEMENT COMPANY 401K P AN INT 758 S 400 EAST OREM UT 84097 1289 WMS PROPERTIES LLC 6213 W 10830 NORTH HIGHLAND UT 84003 1290 WOOD, TRAVIS E & RACHELLE L JT 994 W 600 NORTH PLEASANT GROVE UT 84062 1291 WOODARD, RUSSELL D & JANA L JT 2634 CANYON RD PLEASANT GROVE UT 84062 1292 WOODBURY, W RICHARDS ET AL TEE 2733 PARLEYS WAY #300 SALT LAKE CITY UT 84109 1293 WOODEN, MEL J & JULENE JT PO BOX 169A SPRINGVILLE UT 84663 1294 WOODIS, CHARLES EMERSON 226 N OREM BLVD OREM UT 84057					
1289 WMS PROPERTIES LLC 6213 W 10830 NORTH HIGHLAND UT 84003 1290 WOOD, TRAVIS E & RACHELLE L JT 994 W 600 NORTH PLEASANT GROVE UT 84062 1291 WOODARD, RUSSELL D & JANA L JT 2634 CANYON RD PLEASANT GROVE UT 84062 1292 WOODBURY, W RICHARDS ET AL TEE 2733 PARLEYS WAY #300 SALT LAKE CITY UT 84109 1293 WOODEN, MEL J & JULENE JT PO BOX 169A SPRINGVILLE UT 84663 1294 WOODIS, CHARLES EMERSON 226 N OREM BLVD OREM UT 84057				+	
1290 WOOD, TRAVIS E & RACHELLE L JT 994 W 600 NORTH PLEASANT GROVE UT 84062 1291 WOODARD, RUSSELL D & JANA L JT 2634 CANYON RD PLEASANT GROVE UT 84062 1292 WOODBURY, W RICHARDS ET AL TEE 2733 PARLEYS WAY #300 SALT LAKE CITY UT 84109 1293 WOODEN, MEL J & JULENE JT PO BOX 169A SPRINGVILLE UT 84663 1294 WOODIS, CHARLES EMERSON 226 N OREM BLVD OREM UT 84057					
1291 WOODARD, RUSSELL D & JANA LJT2634 CANYON RDPLEASANT GROVEUT840621292 WOODBURY, W RICHARDS ET AL WOODEN, MEL J & JULENE WOODIS, CHARLES EMERSON2733 PARLEYS WAY #300SALT LAKE CITYUT841091293 WOODIS, CHARLES EMERSONPO BOX 169ASPRINGVILLEUT846631294 WOODIS, CHARLES EMERSON226 N OREM BLVDOREMUT84057	1289 WMS PROPERTIES LLC	6213 W 10830 NORTH	HIGHLAND	UT	84003
1292WOODBURY, W RICHARDS ET ALTEE2733 PARLEYS WAY #300SALT LAKE CITYUT841091293WOODEN, MEL J & JULENEJTPO BOX 169ASPRINGVILLEUT846631294WOODIS, CHARLES EMERSON226 N OREM BLVDOREMUT84057	1290 WOOD, TRAVIS E & RACHELLE L JT	994 W 600 NORTH	PLEASANT GROVE	UT	84062
1293WOODEN, MEL J & JULENEJTPO BOX 169ASPRINGVILLEUT846631294WOODIS, CHARLES EMERSON226 N OREM BLVDOREMUT84057	1291 WOODARD, RUSSELL D & JANA L JT	2634 CANYON RD	PLEASANT GROVE	UT	84062
WOODIS, CHARLES EMERSON 226 N OREM BLVD OREM UT 84057	1292 WOODBURY, W RICHARDS ET AL TEE	2733 PARLEYS WAY #300	SALT LAKE CITY	UT	84109
	1293 WOODEN, MEL J & JULENE JT	PO BOX 169A	SPRINGVILLE	UT	84663
1295 WOODS, JAMES E & VIRGINIA S JT 3824 CANYON RD PLEASANT GROVE UT 84062	1294 WOODIS, CHARLES EMERSON	226 N OREM BLVD	OREM	UT	84057
	1295 WOODS, JAMES E & VIRGINIA S JT	3824 CANYON RD	PLEASANT GROVE	UT	84062

1296	WOODS, RANDY & JOY G	385 W 800 NORTH	LINDON	UT	84042
1297	WOODSIDE HOMES CORPORATION	127 S 500 EAST #600	SALT LAKE CITY	UT	84102
1298	WOODWARD, ROCK A & PAMELA K JT	1368 W 2600 NORTH	PLEASANT GROVE	UT	84062
1299	WOOLF, RICHARD & LISA	1625 W 50 NORTH	PLEASANT GROVE	UT	84062
1300	WOOTTON, JANET S TEE	11022 N 5600 WEST	HIGHLAND	UT	84003
1301	WOOTTON, JANET S TEE	11022 N 5600 WEST	HIGHLAND	UT	84003
1302	WOOTTON, JEFFREY L & EMILY JT	860 N 100 EAST	PLEASANT GROVE	UT	84062
1303	WRIGHT, DEREK & KATRESE JT	3323 N 1270 WEST	PLEASANT GROVE	UT	84062
1304	WRIGHT, JANELL	1643 W 140 NORTH #65	PLEASANT GROVE	UT	84062
1305	WRIGHT, MATTHEW H & SOKUNNARY JT	2083 TUSCANY WAY	PLEASANT GROVE	UT	84062
1306	YANG, KYUNG A ET AL TEE	5093 RIVER PARK WAY	PROVO	UT	84604
1307	YOUNG, DAYNE A & KIMBERLEY H JT	1517 W 80 SOUTH	PLEASANT GROVE	UT	84062
1308	YOUNG, J STERLING & TONYA A JT	1850 N 100 EAST	PLEASANT GROVE	UT	84062
1309	YOUNG, MELVIN J & DEANNA C JT	1009 W 1800 NORTH	PLEASANT GROVE	UT	84062
1310	YOUNG, RICHARD J & GWEN K	1820 N 100 EAST	PLEASANT GROVE	UT	84062
1311	YUZON, CRAIG P & ELLAVEE P JT	228 S PROCTOR LA	PLEASANT GROVE	UT	84062
1312	ZABRISKIE, GARY K	1740 W 700 SOUTH	PLEASANT GROVE	UT	84062
1313	ZENKIC, ESAD	9580 CANYON RD	CEDAR HILLS	UT	84062
1314	ZITTING, BENJAMIN B & JEAN S	334 MILLCREEK RD	PLEASANT GROVE	UT	84062
1315	ZONTS, JARED	150 N 100 EAST	PLEASANT GROVE	UT	84062
1316	ZUPAN, DENNIS B & BETTY JT	3985 N 900 WEST	PLEASANT GROVE	UT	84062



Spring Edition

May 2009 www.plgrove.org

MAYOR'S MESSAGE

The City's fiscal year begins July 1, 2009. We are in the process of reviewing the budget for the 2009-2010 fiscal year. A special Council meeting will be held on Saturday, May 16th at 9am in the Council chambers. During this session, the Council will review the budget submission, ask questions and direct any changes.

With the national recession upon us, sales tax revenues have fallen behind previous years by about 4%. This prompted staff to trim the current budget spending in January to meet forecasted revenues. As a result, the City is on track to stay within revenue and expense projections without compromising essential services to the citizens and businesses.

Why is Pleasant Grove in stable financial condition during this recession? In 2007, the City was informed by Lindon that they would not be contracting for public safety with Pleasant Grove in 2008-2009. This amounted to a \$1.8M reduction in revenue. The staff and Council set out over the remainder of 2007 and the beginning of 2008 to adjust its spending to match the reduced revenue. It achieved the new targets by July 1, 2008 in time for the current fiscal year. In addition, the City has maintained a conservative approach to budgeting and savings for the past 10 years.

When the recession hit during the latter part of 2008, the City was still in an ultra-conservative spending mode. This allowed the City to continue to operate and provide all essential functions and services without affecting staff, residents and businesses. We plan to continue this approach with the 2009-2010 budget to safe-guard the City from this economic downturn.

No single individual is credited with this financial good fortune. The entire staff and the Council worked together over the course of a year to tighten up, repair, reuse and conserve. The citizens understood the financial condition of the economy and were patient with the City by not requesting expanded services during this time. As a result, we are all benefiting from a conservative budget policy.

Please join us during our special budget session to observe how staff and Council work together to manage your resources. Please let the Council know of your approval and concerns about the 2009-2010 budget. Your comments are always encouraged and welcome.

Mayor@PGCity.Org. Michael W. Daniels, Mayor

2009 CONCERTS IN THE PARK

East Side of the new Community Center Every Sunday at 7:30 pm

June 7	Pleasant Grove Orchestra
June 14	
June 21	Skyline Chorus
June 28	

BUILDING PERMIT REQUIRED FOR ACCESSORY

BUILDINGS: Please remember to obtain building permits for all accessory buildings larger than 120 square feet in size. Also, before building any accessory building, check with Community Development for the proper setbacks, so you don't have to move your buildings after they are constructed or installed

Pleasant Grove Firefighters announce the annual

Fireman's Breakfast

Please come join us for breakfast at the fire station, 110 South 100 East, Pleasant Grove. Saturday, May 30, 2009, 6:00 a.m. to 11:00 a.m. Good Food, Good Friends, Good Fun Be There or Be Hungry!!! Tickets are available at the station or at the door the morning of the breakfast.

TRANSPORTATION MASTER PLAN OPEN HOUSE

On Wednesday May 13, 2009 from 6:30 to 8:00 p.m. Representatives from the City and Horrocks Engineers will present updates to the

Transportation Master Plan and take comments from the public. Themseting will be held in the City Council Chambers at 86 East 100 South.

A draft copy of the plan will also be available on the City Website.

UTAH COUNTY FAIR TIME:

Now is the time to begin planning and perfecting projects for the Utah County Fair. Check out the website for Open Class entry information. The Open Class contestants will include: gardeners, quilters, Dutch Oven enthusiasts, photographers, cooks and canners. For the first time, the Utah County Fair hosts a Dutch Oven cook-off, judged by the Dutch Oven National Champion.

As always, there is plenty of family friendly fare at the Fair: Carnival, animals, kids events and entertainment every day of the Fair.

Keep checking on the County Fair website.

YOU'RE INVITED!

Kiwanis is a global organization of volunteers dedicated to changing the world, one child and one community at a time. The Pleasant Grove Kiwanis Club is a active group of men and women working together to make a difference in individual lives and community programs. Current opportunities to serve include: Hope of America awards, Strawberry Days events and rebuilding Kiwanis Park at the mouth of Battle Creek Canyon. We welcome your suggestions for the park and involvement in our organization. Learn more at http://www.pgkiwanis.org/ or call Mike Chamberlain at (801) 830-5585.

UTAH CO. BEEKEEPERS

The Utah County Beekeepers Association (UCBA) would like to offer the citizens of your area the service of honey bee swarm removal (at no charge). Honeybees swarm from March to July and the event, although relatively harmless, can create quite a stir to the uninitiated. To facilitate the removal of swarms, your contact people can either call me directly or instruct the citizen(s) to do so utilizing the information below. (phone, email or web visit). Once the call is received, they will call the beekeepers on our list to retrieve the swarm. Alternately, a copy of local beekeepers is also available on our website, if you prefer to call the beekeeper for your area directly. If you have any questions, please Call Neil Shelley at 801-822-4114, or visit the website at utahcounty-beekeepers.org.

48 HOUR PARKING ON STREETS: Please be

reminded of the City parking ordinance, which does not allow for more than 48 hour parking on the street.

DEAR RESIDENT OR HOME OWNER

This letter is help you better understand the process of the Pressurized Irrigation Water System (secondary water).

Spring: The City is starting to pressurize the secondary water system at this time, please check your valve to make sure that is has been turned off from the winter months. About April 15th we start supplementing the lines to the system from the aqueduct; even though there is water in the system we ask that you wait until May 1st to start watering. You should open your valve slowly to check for leaks and broken pipes. If you have a broken pipe it is most likely to have been frozen throughout the winter months. The broken line could be from a low spot in the pipe where the water couldn't drain properly and froze. We suggest that you put a drain in where the pipe was broken when you fix your pipe.

In order for us to operate the system more efficiently, until the final tank is completed in mid august, we are asking you to help balance the system by following a watering schedule. This requires watering during the day as well as at night. We recognize that watering during the day is less efficient, but it is necessary to better balance water use with supply. We ask that if you have an even house number to water during the hours of 6:00 a.m. to 6:00 p.m. and those with odd house numbers water during the hours of 6:00 p.m. to 6:00 a.m. Please remember that we only water 6 days a week, Monday through Saturday and no watering on Sunday.

Fall: The watering period is normally complete in October. Typically the water to the aqueduct is turned off about October 10th. We will begin draining the system at this point. You can drain your lines and shut off the valves to your system anytime after this date. Failure to do this may cause damage to your system come next spring. The cities responsibility ends at the city valve.

If you have any questions please call the Public Works Office at 801-785-2941.

Thank you

Pleasant Grove City Public Works

GUTTER CLEAN UP: Now is a good time to make sure your gutters and storm drains are cleaned to prevent flooding.

PGBA GOLF TOURNAMENT!

Spring's in full swing! Dust off your golf clubs and gather your teams for the annual *Pleasant Grove Business Alliance Golf Tournament!* Thursday, June 4, 2009. Registration at 7:30 am, Scramble Format start at 9:00 am. Cost is \$400 per team or \$100 per person. Price includes green fees, breakfast, lunch, snacks, gift bags. Prizes will be awarded. Registration deadline is May 20, 2009. For more information, or to register your team, call 801-380-3179 or visit the PGBA website *www.pbgaut.com.*

Please join the Pleasant Grove Business Alliance the second Friday of each month for our *Monthly Member Meeting.* May's meeting features Representative Craig Frank speaking about recent legislative changes that may affect your business. Come prepared with questions or concerns. Meeting is free to attend and is open to all businesses and citizens. A \$9 lunch is available for purchase. You must RSVP to reserve a lunch. Call 801-380-3179 or visit the PGBA website, *www.pgbaut.com.

FOX HOLLOW GOLF CLUB

We were so excited about the number of families that took advantage of the special last month that we decided to run it again in May. This is the time to work out all the kinks in your swing on the driving range.

Please bring a copy of your newsletter into the Pro Shop for this special offer.

Buy one small bucket of Balls and get the second one free!

Offer good until the end May 2009

Watch for future specials throughout the year.

We are also looking for a few volunteers to help throughout the year at the golf course. If you are interested or have questions please call Judy at 801-319-2291 and leave you name and number.

CENSUS TO BEGIN ADDRESS CANVASSING OPERATIONS

Beginning in late March 2009 the Census Bureau will be sending out address canvassers as a part of early operations. This workforce will walk or drive through neighborhoods to check that all addresses are in our database when the questionnaire is delivered in March 2010. This early operation is vital to ensuring a complete and accurate count. Each address canvasser will be equipped with a laptop or a hand held computer.

Census workers wear an official identification badge. Many address canvassers carry U.S. Census Bureau bags, making them easier to identify.

Many people don't realize that the Address Canvassing operation occurs as much as a year ahead of the official Census day on April 1, 2010. Address Canvassing is the first large field operation for the 2010 Census and it is designed to identify all housing units and other living quarters. Listers will use hand held computers with maps on them to verify and list structures, including the collection of GPS coordinates for each location. All information collected by Address Canvassers and other Census employees is kept strictly confidential and cannot be shared with any other persons, institutions, or agencies.

If you have questions or concerns please contact your local census office at 801-736-5040. For more information about the 2010 Census visit www.census.gov.

GREETINGS FROM YOUR FIRE CHIEF

April's showers have brought us May's flowers. No, we didn't plant a garden. We did begin another renovation project in the fire station. This one began as a small April sprinkle and ended in a deluge. Our small project, that began with moving just one little wall, exploded into a thunder storm demolition and re-building.

If you are familiar with the station, you will notice a big change. If you're not too familiar with this building, things may not seem extraordinary to you, but they are.

The changes we have made will help us serve you better and provide better facilities for the fire fighters.

I owe a bucket full of thanks to the fire fighters. Every crew worked tirelessly to accomplish this change. Plus, each crew has been somewhat displaced for the better part of the month. I appreciate their patience.

However, there are two local companies that stepped up and really made a difference. These companies participated in different facets of this project and generously supplied materials and labor. It is impossible for me to even calculate the value of their work, because it goes far and away beyond any assigned dollar figure. Because of them, this project turned out so well. Muddy Boys Full-Service Drywall generously donated much of the materials and labor for this project and Jespersen Painting provided the finish work. I would like to publically thank Mr. Ray Taylor, aka Muddy Boys Inc., and Mr. Brett Jespersen, for the donation of the quality work, and materials. In these times of economic difficulties, I understand the significance and impact of their generous donation. Their donation truly optimizes community service. Thank you!

We hope to see ya'll at the Fireman's Breakfast on May 30th, 6:00 am to 11:00 am. If you can't make it to the breakfast, drop by any time for a quick tour of the station, we would love to show you around.

TIMPANOGOS SPECIAL SERVICE DISTRICT GREENWASTE/COMPOST

Please be advised that the greenwaste/compost facility has changed thehours of operation. This change is effective April 20, 2009. Greenwaste may be dropped off Monday - Friday from 7:00 a.m. to 5:00 p.m. and on Saturday from 7:00 a.m. to 4:30 p.m. Compost may be picked up Wednesday - Friday from 7:00 a.m. to 5:00 p.m. and Saturday from 7:00 a.m. to 4:30 p.m. The facility will be open on Memorial Day and Labor Day but will beclosed for the other major holidays.

STRAWBERRY DAYS CONCERT

Strawberry Days Concert is June 16 starting at 7:30 in Veterans Park. The concert will feature Flashback Brothers with free strawberries and cream--

The Flashback Brothers will take you back to the days when bands played for dances and events.

They are a group of seasoned musicians who grew up playing and dancing to live music.

You will hear classic rock hits from the 50's, 60's, 70's and 80's; everyone a guaranteed crowd pleaser.

SENIOR NEWS

Senior Citizen News for May

Every Tues @ 10.30 AM Free Bingo

Every Thur @ 1.00 PM Free Movie

Friday, May 1, 12 noon. Presentation on upcoming tour to

Wed, May 6th Free Blood Pressure / Blood Sugar Clinic Fri, May 8th Life Screening Pre-registration Call 1-800-679-5192

Wed, May 20th Wendover Out-N-Back \$20.00 Call for reservations 801-785-2818

PG BEAUTIFICATION/ SHADE TREE COMMISSION

It's a good time to make sure your sprinklers are watering effectively. For a FREE sprinkler check, call Julia Tuck at 801-851-8467 and leave your name, phone number, address and city, or send her an email at juliatuck@usu.edu The fine folks do these checks will come to your home or business, check the roots of your grass, your soil type, your water pressure and will set our cups to see how evenly your water is distributed. Optimize your water usage by setting an appointment today.

To receive a weekly email advisory informing you of potential problems and recommended solutions regarding fruit and ornamental tree problems, send an email to Marion Murray at marion.murray@usu.edu and ask to be put on the "Integrated Pest Management Tree Fruit Advisory" email list.

The Pleasant Grove Beautification Commission members will be giving out "Yard of the Month" awards again this year in June, July and August. Have fun creating in your yard and you just may be the recipient of this coveted award!

More article is available at www.plgrove.org.

RECREATION NEWS

For more detailed information please visit the Pleasant Grove Website at www.pgcity.org and click on recreation.

Soccer Registration (4 yrs old to 8th Grade) – Registration is May 22nd thru June 20th. League season will start on Saturday, July 27. Jr. High Age Dance – School's Out For Summer Stomp – Friday, May 22nd from 7:00 to 9:30 p.m. Cost: With ID \$3, Without ID \$4. SCHOOL DRESS CODE REQUIRED! Parents are welcome. Adult Coed Softball – (16 yrs & older) Registration will begin Friday, May 1st and go until filled.

We have some openings still available in the following camps and clinics. Call the Recreation Department for details.

Itty Bitty Ball (3 & 4 yr olds) – June 9, 11, 16, and 18 Soccer Camp Session I (6 to 12 yrs) - June 1 - 4 Soccer Camp Session II (6 to 12 yrs) – June 8-11 Golf Club (7 to 18 yrs) - Month of June (Tuesdays) Volleyball Camp (7 yrs & older) – July 13 - 16 Basketball Camp (1st to 6th Grades) – July 20 – 23

SUMMER GYMNASTICS - This 6-week program (AM classes) begins June 22nd and goes through July 31st. To register call Kim Christensen at 492-3961.

The Jr. Olympic Skills Competition is a FREE skills competition that provides both, boys and girls ages 8 to 13, the opportunity to showcase their athletic abilities in four sports. Age groups consist of 8/9, 10/11, 12/13. Age is determined as of Aug. 31, 2009. Saturday, May 9th, 9:00am to 11:30am at the Pleasant Grove Community Center and PGHS Track & Field

Swimming Lessons - Lessons begin Monday, June 1st. New sessions will begin every other Monday through the summer.

Swim Team - Registration April 27-30 3:30 – 6:00 p.m. Pleasant Grove Resident Passes

Swimming Pool - You MUST bring your city bill for proof of residence. (This is for the benefit of the P.G. taxpayer) Non-resident prices will be charged unless presented. Driver's Licenses and addresses on checks are not acceptable.

Early Sign-ups for lessons, passes, and parties
Registrations for lessons, passes & parties will be at the swimming
pool on the following days from 3:30 until 6:00 p.m.

April 27-30 Pleasant Grove Residents Only May 4-7 and 11-14 All Others Regular sign ups will begin Mon, May 18th

More programs are listed at the city website visit www.pgcity.org and click on recreation

PG ARTS COMMISSION

The Pleasant Grove Arts Commission is seeking volunteers to help with a variety of programs. Discover the rewards of serving your community by offering your hands, skills, knowledge, great ideas, talents and most of all, your willing heart. Lily Tomlin said, "I always wondered why somebody didn't do something about that. Then I realized I was somebody". Get involved! For more information, please visit the library to pick up an application, or download it from our website at http://www.pgcity.org/pgarts. You may also contact Wendy Vincent at utahwendy@gmail.com for more information.

UNITED WAY SUMMER OF SERVICE

United Way of Utah County is excited to announce its Summer of Service Program. The program consists of weekly service projects organized for youth volunteers throughout the county during the months of May-August.

We feel strongly that the Jr.High and High School-aged students of Utah County will benefit greatly as they become involved in meaningful and edifying service events. Not only will their participation provide a wholesome alternative to summer boredom, anxiety, loneliness or mischief, it will also open their hearts and minds-giving them a greater vision of their personal future. If you want more information, please contact Raquel Lopez, United Way of Utah County at 801-691-5330.

WATERING/IRRIGATION GUIDE--

Division of Water Resources ~ North Central Utah March - No irrigation recommended; April - No irrigation recommended; May - 21 minutes every 4 days; June - 21 minutes every 3 days; July - 21 minutes every 3 days; August - 21 minutes every 3 days; September - 21 minutes every 6 days.

Minutes shown are to spray heads, double time zones for rotor heads.

If you have a poor-draining soil type like clay, water 3 separate times for 7 top 9 minutes.

DRIVER SAFETY CLASS

An AARP "Driver Safety class for those 50 and older will be taught at the Jacobs Senior Center (242 W. 200 S., Pleasant Grove) May 4th from 1:00 to 5:00 PM. This is a new 4 hour course. To register, call the Senior Center (785-2818). Fees for taking the class are as follows. AARP members with their membership card \$12.00. Those who don't present their card and others' \$14.00. Checks made out to AARP are preferred. Completion of the class may qualify participant for a discount on their automobile insurance.

PARKING VEHICLES ON FRONT LANDSCAPING AREA OF RESIDENCE: City Code does not allow for parking of vehicles on the front landscape portion of residences. This includes cars, trucks, boats, trailers, sheds, etc.

WATER QUALITY REPORT

The Pleasant Grove Water Department is pleased to present the 2008 Water Quality Report. A copy of the report may be viewed online at www.pgcity.org. You may also pick up a copy of the report at City Hall, 70 South 100 East or Public Works, 323 West 700 South. Our goal is to provide you with safe and dependable drinking water by continually improving the water treatment process and protecting our water resources.

LIBRARY NEWS

Children's Book Week - May 11th to 15th. All activities begin each evening at 7:00 pm downstairs of the library.

- Monday- Mad Science. Spark Children interest in science with this
 presentation. Designed to amaze and delight children of all ages.
- Tuesday- Twilight Tales Enjoy madness with Miss Kammi!
- Wednesday- "Rockin Utah." Discover what families can do in Utah State Parks from the Rockin' Utah (Reaching Out Connecting Kids in Nature) Program representatives
- Thursday- Read with Great Reads! The book review will be "Sarah Plain and Tall"with games and crafts. Everyone invited!
- Friday-Pajamas and a movie night. Come enjoy "Bedtime Stories" starring Adam Sandler.

Great Reads for Girls: A Mother Daughter Book Club: Girls ages 8-16 with Mom or other caring adult. Join us for lively discussions, activities, friendship and fun! Sign up and Pick up a "Great Reads" booklist at the front desk. This month's book is "Sarah Plain and Tall" by Patricia MacLachlan.

ITeens: 1st and 3rd Tuesdays at 4:30 pm. The Teen Book group is for 7th grade and up. Games, crafts, book reviews. Also hear about many other great books from other teen readers!

R.E.A.D. Book Group: 10:00 am. Second Thursday of the month. Everyone who is interested is invited. This month will be "Home" by Marilynne Robinson. Reviewed by Tammra Salisbury.

BookEnders: 7:00 pm on the last Thursday of the month. Adults. BookEnders is a new discussion and reading book group. This month's book is "Pope Joan" by Donna Cross.

Summer Reading "Be Creative @ Your Library"
Registration starts May 12th.
Classes are limited in size.
Online registration, phone calls or in person.
Cost \$5.00 for 8 weeks of Creativity!
Check it out on line!

DOOR TO DOOR SALES

With warmer weather coming residents of Pleasant Grove will probably notice an increase in solicitation by door-to-door solicitors. We would like to remind you that it is illegal to solicit door-to-door in Pleasant Grove without an approved Solicitor's License. Solicitors are required to apply for a city license and obtain a BCl background investigation. Each solicitor will be issued a solicitors identification badge to be carried on their person. Company information and solicitor's photo identification will be included on this badge. These requirements and procedures are set in place for the welfare and safety of all residents of Pleasant Grove City.

As a reminder, a majority of solicitors knocking on your door have not contacted the city, or followed city requirements, and will not have a solicitor's license. What can you do to protect yourself from having a stranger come to your door trying to sell something? First, you should always ask the individual, "Can I see you're Pleasant Grove City Solicitor's Badge?" If the solicitor cannot produce this badge, it is recommended that you decline to do business with them and contact the police department at 801-785-3506.

Another procedure that can be done is to post a "No Soliciting" sign at the door. Per City code, by displaying this sign which 'shall be posted on or near the main entrance door or on or near the property line adjacent to the sidewalk leading to the residence, constitutes to any solicitor that the inhabitant of the residence does not desire to receive and/or does not invite solicitors.' If such a sign is posted, it is a violation of the ordinance for any solicitor to engage or attempt to engage in door-to-door solicitation. (Chap. 3-15-17, 18)

For more questions about the City's solicitation ordinance please contact the Business Licensing Office at 801-785-5045.



Open House Attendance List

PLEASANT GROVE CITY TRANSPORTATION MASTER PLAN OPEN HOUSE ATTENDANCE LIST

	NAME	ADDRESS	PHONE NO.	EMAIL ADDRESS
1	K. Craig Allred	1268 Hillside Drive P.G.	801-796-8059	Craig.Allred@DOT.gov
2	Gaylon and Merma Winters	71 South 1025 East Lindon	801-785-5801	
3	Liz Britt	637 South 1300 West	801-785-5218	ittybittie@hotmail.com
4	Debbie Levin	866 West 4000 North P.G.	801-701-0440	debilevin@hotmail.com
5	Greg Warburton	779 East Center P.G.	801-785-0099	greg779@gmail.com
6	Jeff Thompson	617 Canyon View Dr. P.G.	801-785-6881	jeff_thompson@byu.edu
7	David Flinders	482 West 3300 North P.G.	801-785-6452	
8	Philip Blake	29 South 2000 West P.G.	801-756-9234	
9	Bryant Burkett	523 North 300 West P.G.		
10	Robert Briem	793 North 390 East P.G.	801-756-9142	robbriem@gmail.com
11	David Told	501 South Main P.G.	801-836-419	davet@toldplumbing.com
12	Mario Gonzalez	1119 East 100 North	435-701-7822	ajamario@gmail.com
13	David Martinez	650 North 100 East	801-372-2371	
14	Coral Hicks	1030 North 60 West	801-785-3496	
15	David Pincock	1692 North 70 East P.G.	801-796-1397	docp@q.com
16	Frank Mills	466 East 100 South P.G.		
17	Mack Hall	1990 North 1300 West P.G.		
18	Stanley B. Smith	362 North 200 West P.G.	801-809-2350	
19	Dennis Hullinger	637 West 4000 North P.G.	801-785-5991	hull810@alpine.k12.ut.us
20	Dale Warburton	795 East 350 North	801-785-4040	
21	Trudi Levin	3939 West 9600 North	801-785-3356	trudilevin@hotmail.com
22	Fred Levin	3939 West 9600 North	801-785-3356	
23	Ralph Levin	866 West 4000 North P.G.	801-701-4040	Ralph.6444@hotmail.com
24	Debbie Levin	866 West 4000 North P.G.	801-701-4040	
25	David Phelon	1040 East 900 South P.G.	801-796-9346	
26	Kathy Phelon	1040 East 900 South P.G.	801-785-3705	
27	Wendy Vincent	28 South 850 East P.G.	801-796-8575	utahwendy@gmail.com
28	Jerry Brooks	183 East 100 North P.G.	801-770-4715	
29	David Bair	183 East 100 North P.G.	801-770-4715	davevb 99@yahoo.com
30	Lutie Larsen	993 West 1800 North	801-785-5130	
31	Jim and Raquel Wise	2211 North 600 West	801-796-1321	
32	Mark and Linda Hales	770 North 350 East P.G.	801-785-5659	lhales@pgcity.org
33	Tyler Yorgason	1267 North 750 West P.G.	801-796-8082	
34	Wendy Rupper	445 Valley View Dr	801-796-7520	wendy.rupper@gmail.org
35	Andrew Wooley	715 Apple Grove Ln	801-796-0671	
36	John & Eileen Johannesmeyer	1069 West 810 North	801-785-9778	johnj.email@gmail.com
37	David Howard	1645 East 1000 South	801-785-0647	howardd@digis.net
38	Deb Thoman	P.O. Box 364 P.G.	801-362-1337	
39	Matthew Wilson	1635 East Murdock Dr. P.G.	801-691-3495	
40	Clark Evans	752 North Locust Ave. Lindon	801-836-9902	cevans1950@gmail.com
41	Cindy Boyd	668 West 4000 North P.G.	801-836-8064	cindy boyd@hotmail.com
	Heidi Petter	634 West 4000 North P.G.	801-822-6434	heidigoose@hotmail.com
43	Jeff Lindstrom	396 South 100 East P.G.	801-870-1616	JP@Professionalheating.com

OPEN HOUSE ATTENDANCE LIST PLEASANT GROVE CITY TRANSPORTATION MASTER PLAN UPDATE MAY 13, 2009

Pleasant Grove

Name (please print clearly)	Address	Telephone No.	E-mail
12684	1side Dr. PG	801 786 8058	Cary. Alleed @ DOT. Gor
1010811	11 Sc 1075 & Sandon	1085-5801	
6375.	13'00 W	8105-521-102	1. Hy bithid Notwell an
S66 W 4000 M	30 M PG	801 - 701 - 0440	debitevin Ohotmand con
7796 Centa	1000	801-785-C077	area779@ amall com
617 Con	617 Conyen U. D. PG.	1801-185-6881	18FT - The mose @ 544. edu
483 W.	3300 N PG	801785-6452	
2952000	600 J P. C.	1201-156-951-1018	
523 N 1300 W	0 wd PC-		
793N.390E	390E. HT	901-22-0192	Mobile Com a grueil, com
Sol so main	dain P.C.	801-838-4129	dolle to the damping an
1119 EAST 160	100 MORTH	455- 20 - 7822	ajamario (19 mail 10 m
650 No/00	五00/0	8613724371	
1030760G	606	13/185-54910	
1692 A	N 70 £ PG	2521-762-108	docp1@ f. com
466 € 10050	050 P.G		
1990N, 1300	1300 W P.G.		
361 N. 2000W	2000 W. P.C	801-88-2350	

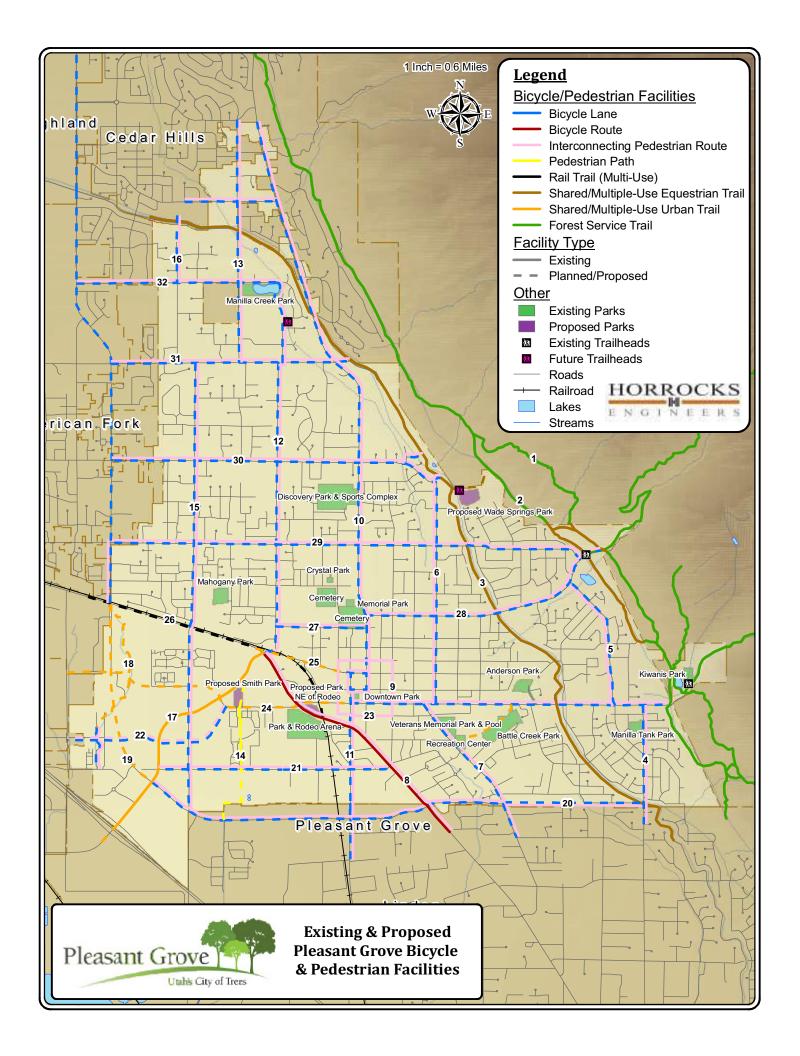
Pleasant Grove

		No. of Contract of			
		Name (please print clearly)	Address	Telephone No.	E-mail
	26	Jethis Hillinger	637 West 4000N AL	1887855991	Hull8100alpine KI2 of 145
	27	Dale Wanburton	745 E-2500	78.5 40 YO	
	28	Trucki Levin	389 W 9600 N	2588-188	truditevita hotmailian
	29	Fed Levin		3	3
	30	7	866 W 4000N	701-0440	Ralph. 6444 alhotmai
	31	Debbie Levin	1.1		
	32	David Thelow	1040 E9005. PE	346-976	
	33		10 40 Feet 900 South PG	84 785-3705	
2.	34	Theyaniincent	1881	8017948515	Utahus Produs Small con
	35	4.7	183E, 100 N. P. Grove	801 770-4715	
	36	David Bair	2	SILH-06/108	Daverb_9410 Valcacon
0	37	Notis Stroem	01800 %	801-785-5130	
100	38	Simt Reacust Wise	3211 N GOOW	196-1321	
1	39	More & Sinda Halles	770N350E PI. GROVE	185-5659	# thales pracity ono
20	40	THER TORUGE	1267 N 750 W PG	716-8082	7
سر	41	Myndy Rupper	4/4/5 Valley Vices De	No 75/10-7573	Wencly, Merc @ June 1. 20
ate	42		715 Ag/6 Scione LL	1200 265 105	
1 -	43	John & Films Johnnyesmyki 1069	-3	801-785-9778	John, email Egmail.com
400	4	Dayed Howard	1645 £ 1000 So.	S01-785-0647	houndale digis, not
S	45	- go	120-130x 364 PG.	1581-545-108	
94	46	MaTThew Wilson	1635 E murdock de 86	1645-167108	Wilsoniczett@ 2101 con
3	47	CLARK EVANS	752 NORTH LOCUST AVE. LINDON	801-836-4602	CEVANS 19500 GMALLON
	48	Cinds Boyd	468 W- 4000 No PG	1908-958-105	findy_Doude hornail.
	46	Laidi Pettolo	USY W 4000 N. PG.	1801-877- WYSH	herdigiose Instrumi com
	50	Veff Crathan	39655100F PG	870-146	IPa Portestanthein don
1					



Open House Displays









Open House Comments and Responses

 Fold Here	
PLEASANT GROVE CITY 86 EAST 100 SOUTH Pleasant Grove, UT 84062	Place Postage Stamp Here



Name:				Juli	
Address:					
City:		State:Zip:			
Phone Number:		E-mail:	- 6		
1. Are you in favor of the	e proposed Roadway Mas	ster Plan? Yes 🗌 N	lo 🗌 If no, why?		
2	1/2	4.11			100
2. Are you in favor of the	e proposed Trail/Bicycle I	Master Plan? Yes] No ☐ If no, wl	ny?	
TARRET					
3. Are you in favor of the	e proposed Transit Maste	r Plan? Yes ∐ N	o∐ If no, why?		
	PIRAGONOR	openes.	, in the same	1,150	BREEZE
			5 7		
4. Please list any comm Plan.	nents, concerns, and/or s	uggestions you may t	nave relating to the	overall Transp	ortation Master
1 00		BAM W	DIES LAND	czna Sper	re knaukar
12-1-1					
			1000		TEV
			27	-	11/2
10 11	100				1
- 1	7	5	1		



Name: Muriel Elliott
Address: 665 W 4000 A
City: Pleasant Grove State: Ltt Zip: 84062
Phone Number: 501-7855647 E-mail: Muriel K. Ellott ayakoo, Con
1. Are you in favor of the proposed Roadway Master Plan? Yes No 📈 If no, why?
The 15 much safer the way this. Cars will go much faster with a wider road. It would destroy our private and cost a fortune This 9600 Nov. 3800N
2. Are you in favor of the proposed Trail/Bicycle Master Plan? Yes No If no, why?
AVERA STATE OF A STATE
3. Are you in favor of the proposed Transit Master Plan? Yes No [If no, why? Im not sure - We already have hus stops Close?
In not sure - We already Love Aus Stops Close 4. Please list any comments, concerns, and/or suggestions you may have relating to the overall Transportation Master
Im not sure - We already Love Rus Stops Class 4. Please list any comments, concerns, and/or suggestions you may have relating to the overall Transportation Master
In not sure - We already Love Aus Stops Close 4. Please list any comments, concerns, and/or suggestions you may have relating to the overall Transportation Master
In not sure - We already Love Aus Stops Close 4. Please list any comments, concerns, and/or suggestions you may have relating to the overall Transportation Master



Name: Wade + Kay Lee Fox
Address: \$905 N. 900 W.
City: Pleasant Grove State: UT Zip: 84062
Phone Number: 801-796-3903 E-mail: WF0x3903@MSN.Com
1. Are you in favor of the proposed Roadway Master Plan? Yes \ No \ If no, why? We disagree with the rounabout proposal & 4000 N. 900 u There is not enough growth or traffic flow potential to ever Support or justify a voundabout at that location. 2. Are you in favor of the proposed Trail/Bicycle Master Plan? Yes \ No \ If no, why?
3. Are you in favor of the proposed Transit Master Plan? Yes ☐ No ☐ If no, why?
4. Please list any comments, concerns, and/or suggestions you may have relating to the overall Transportation Master Plan. We also feel that 3 roundabouts on 2600 N. are understanding.



Name: _///	APRIC GONZALEZ	
Address://_	19 EAST 100 NORTH	
City: Pa	State: UT Zip: 84062	
Phone Number:	435 201-7822 E-mail: ajamario @gmail.com	
1. Are you in fav	vor of the proposed Roadway Master Plan? Yes No 🗌 If no, why?	
5		,3
2. Are you in fav	vor of the proposed Trail/Bicycle Master Plan? Yes No 🗌 If no, why?	
3. Are you in fav	vor of the proposed Transit Master Plan? Yes 🖾 No 🗌 If no, why?	
Plan.	ny comments, concerns, and/or suggestions you may have relating to the overall Transportation	on Master
BEING +	A RECENT MOVE-IN, I CAN SEE THE NEEDS TO MAPPONE	
TRAFFIC/TRA	ANSPORTATION PLANS. FROM WHAT I HAVE SEEN IN THE	TREET)
MASTERPLAN	N, THE CHANGES ARE NECESSARY AND VOTAL TO THE CONTIN	MED
GROWTH O	OF PLEASANT GROVE,	8
		7
	5 5 2 1 4 7	



Name: Dennis 2/ullinger
Address: 637 West 4000 North
City: Pleasant Grove State: Ut Zip: 84062
Phone Number: 80 785 5991 E-mail: holl 8100 alpine k12. ut. US
1. Are you in favor of the proposed Roadway Master Plan? Yes ☐ No ☒ If no, why?
Abuses on 4000 North are 700 close to the road - if widered
to a 70' toud or 106 right of way nearly every house on the
original road Plan where the hext road to the South is the Jo have, that 2. Are you in favor of the proposed Trail/Bicycle Master Plan? Yes \ No \ If no, why? It salredy that
2. Are you in favor of the proposed Trail/Bicycle Master Plan? Yes \ No \ If no, why? It is a locally that
The Trails look good, but there should be more
Acces into Mt. Mahagony from more points them just
the Forest Service Trail
3. Are you in favor of the proposed Transit Master Plan? Yes □ No ☒ If no, why?
VTA is a joke. It serves only those along state Street.
Tleasant Grove Shouldn't even participate unless they
teally serve our community. The canyon Rd tunis just
4. Please list any comments, concerns, and/or suggestions you may have relating to the overall Transportation Master
to the North would need to be removed. A Stop
to the North would need to be removed. A Stop
to the North would need to be removed. A Stop
to the North would need to be removed. A Stop



	Lutie Lersen
Address	= 993 West 1800 No
City:	Pleasant Grove State: UT Zip: 8406 Z
Phone N	Jumber: 801-785-9730 E-mail: Juffie largen @ mec.eom Some what you in favor of the proposed Roadway Master Plan? Yes No 15 If no, why?
	unk it is too much even with the growth we have had things
are	much slower I would like to 822 good basic road repair
2. Are y	of horst. I am a traced the master Plan will lock the cot is eno of a situation where we are boroad to participate Jam even more concount found the proposed Trail/Bicycle Master Plan? Yes No I to no, why? about getting in to ont think the boke lance are good in the streets. I then they
sh	ould be located offroad
3. Are y	you in favor of the proposed Transit Master Plan? Yes □ No □ If no, why?
	206 1.F 48 HOCPE & A.7%
Plan.	Go a little more slowly. Don't sneek it through the City
Count	Go a little more slowly. Don't sneek it through the City il before people ar & a wars This is a big deal - and well
Count	Go a little more slowly. Don't sneek it through the City il before people ar & a warz This is a big deal - and well
Count	Go a little more slowly. Don't sneek it through the City



Name: Debbie Levin
Address: 866 W 4000 M
City: Pleasant Grove State: Ut zip: 84062
Phone Number: 801-701-0440 E-mail: debi le un @ hotmail. com
1. Are you in favor of the proposed Roadway Master Plan? Yes \ No \ If no, why? I think that the intersection at 900 West 4000 Month
to way to steep to have a light, you can't stop in the winter or you get stuck! It us a light, you can't stop in the get onto. I think this rived should be a one way road or a get you in favor of the proposed Trail/Bicycle Master Plan? Yes \ No \ If no, why?
2. Are you in favor of the proposed Trail/Bicycle Master Plan? Yes No I If no, why?
3. Are you in favor of the proposed Transit Master Plan? Yes No I If no, why?
4. Please list any comments, concerns, and/or suggestions you may have relating to the overall Transportation Master Plan. I will never agree to ever have our tress
4. Please list any comments, concerns, and/or suggestions you may have relating to the overall Transportation Master Plan. I will never agree to ever have our tress
4. Please list any comments, concerns, and/or suggestions you may have relating to the overall Transportation Master Plan. I will never agree to ever have our tress Neuroned to widen the road. They are very
4. Please list any comments, concerns, and/or suggestions you may have relating to the overall Transportation Master Plan. I will never agree to ever have our tress removed to wider the road. They are very historical over 150 years old. This would be a disaster to have this happen. Wirds can't discule what
4. Please list any comments, concerns, and/or suggestions you may have relating to the overall Transportation Master Plan. I will never agree to ever have our tress removed to wider the road. They are very historical over 150 years old. This would be a disaster to have this happen. Wirds can't discule what
4. Please list any comments, concerns, and/or suggestions you may have relating to the overall Transportation Master Plan. I will never agree to ever have our tress Neuroned to widen the road. They are very historical over 150 years old. This would be a



	The state of the s		***************************************	CONTRACTOR OF STREET STREET, STREET STREET, STREET STREET, STR	
Name: Fred+	Trudi Le	VIU		NZ	
Address: 3939	W 9600	N			
City: Cedal	4215	State: UT	Zip: 84062		
				in @ hotmail	. 10 hg
1. Are you in favor of					
				the houses	will
				would be to at least to be at a major se	
2. Are you in favor of			The second secon		
There reall	4 15 not	enough a	access to	the trails	題
		9			
3. Are you in favor of	he proposed Transi	t Master Plan? Yes	□ No⊠ If no, w	/hy?	
It is almos	+ impossi	ble to use	UTA becau	se the stops	are no
Convenient -	+ +00 far	apart au	d the time	e 75 not frag	went
enough to					
7				to the overall Transporta	tion Master
				L should be i	
				1 4000N is	
on eller	114e, 1541	the poor	as south a	1	wat
enough to ac	comagale	e the prop	sosea rai	<i>a</i> .	
			100	100	-
			the second		
June 2	Unger S				



Name: Kalph Jevin
Address: 866 W 4000 N
City: PG State: Zip:
Phone Number: 801 701 0440 E-mail: Ralph-6444 ahotmail.com
1. Are you in favor of the proposed Roadway Master Plan? Yes No If no, why?
The intersection a 900 West + 4000 North is a steep hill and people
get stuck at top of the hill and when they attempt to go out on to
get stuck at top of the hill and when they attempt to go out on to canyon road they create ALOT of pear misses and accidents
2. Are you in favor of the proposed Trail/Bicycle Master Plan? Yes No ☐ If no, why?
00'00' 1 20 00' 40 C
3. Are you in favor of the proposed Transit Master Plan? Yes⊠ No ☐ If no, why?
3. Are you in favor of the proposed Transit Master Plan? Yes⊠ No ☐ If no, why?
3. Are you in favor of the proposed Transit Master Plan? Yes No □ If no, why?
3. Are you in favor of the proposed Transit Master Plan? Yes No I If no, why?
4. Please list any comments, concerns, and/or suggestions you may have relating to the overall Transportation Master Plan. 4000 North needs to be a One way street ao ina down
4. Please list any comments, concerns, and/or suggestions you may have relating to the overall Transportation Master Plan. 4000 North needs to be a One way street ao ina down
4. Please list any comments, concerns, and/or suggestions you may have relating to the overall Transportation Master Plan. 4000 North needs to be a One way street ao ina down
4. Please list any comments, concerns, and/or suggestions you may have relating to the overall Transportation Master Plan. 4000 North needs to be a One way street ao ina down
4. Please list any comments, concerns, and/or suggestions you may have relating to the overall Transportation Master Plan. 4000 North needs to be a one way street going down nell only to eliviate accidents, and the plan to put in a round bout a the bottom of that hill would veguive removal of my 50 year old trees which WILL NOT HAPPENERD Over my dead
4. Please list any comments, concerns, and/or suggestions you may have relating to the overall Transportation Master Plan. 4000 North needs to be a one way street going down nell only to eliviate accidents, and the plan to put in a round bout a the bottom of that hill would veguive removal of my so year old trees which WILL NOT HAPPEN PLP Over my dead on only will those trees be messed with - Once again the solution
4. Please list any comments, concerns, and/or suggestions you may have relating to the overall Transportation Master Plan. 4000 North needs to be a one way street going down nell only to eliviate accidents, and the plan to put in a round bout a the bottom of that hill would veguive removal of my 50 year old trees which WILL NOT HAPPENERD Over my dead



Name: Kathryn R. Phelow	Par
Address: 1040 Eust 900 South	
City: Pleasant Grove State: Ut Zip: 84062-4207	
Phone Number: (801) 785 - 3705 E-mail:	
1. Are you in favor of the proposed Roadway Master Plan? Yes No 🗌 If no, why?	
1. Ale you in lavor of the proposed roughly musici r land. Proposed in ito, why.	
A Land of the land	-
	-
	州の名 (4
2. Are you in favor of the proposed Trail/Bicycle Master Plan? Yes M No I If no, why?	
	1
3. Are you in favor of the proposed Transit Master Plan? Yes No 🗌 If no, why?	
3. Are you in lavor of the proposed mails that it is the later than the later tha	
4. Please list any comments, concerns, and/or suggestions you may have relating to the overall Transportations	
When will you finish 1000 Sout between.	Locust
and 1150 East? SAM WRITE'S LANK (700 SOUTH S	
My property borders this road, Will I h	aire
access to a toute the mind from min	hall
access to get onto this road from my	pace
Yard?	
	-



Name: Heidi Potter
Address: 4034 W. 4000 N-
City: Pleasant and State: UT Zip: 84002
Phone Number: 801-822-10434 E-mail: heidigoose@hotmail.com
1. Are you in favor of the proposed Roadway Master Plan? Yes No lf no, why?
See us owner pulling out of the anvenage because of all the trees. Moreover the subject of the proposed trail/Ricycle Master Plans Vest No I I to make (C)
2. Are you in favor of the proposed Trail/Bicycle Master Plan? Yes No □ If no, why?
To the second se
Name of the second of
2. Are you in favor of the prepared Transit Master Plan? Vec V No V No V Hang why?
5. Are you in lavor of the proposed transit master Flan? Tes No 11 no, why?
3. Are you in favor of the proposed Transit Master Plan? Yes No □ If no, why?
3. Are you in lavor of the proposed fransit master Flan? Tes No If no, why?
3. Are you in lavor of the proposed transit master Flan? Tes No If no, why?
4. Please list any comments, concerns, and/or suggestions you may have relating to the overall Transportation Mast
4. Please list any comments, concerns, and/or suggestions you may have relating to the overall Transportation Mast Plan. 2. ADM His road, especially on a Steep hill. We pull several
4. Please list any comments, concerns, and/or suggestions you may have relating to the overall Transportation Mast Plan. 9 down this road, especially on a steep hill. We pull several as out of the ditches in the winter for going too fast, this
4. Please list any comments, concerns, and/or suggestions you may have relating to the overall Transportation Mast Plan. This road, especially on a steep hill. We pull several as out of the ditches in the winter for going too fast. This will be a disaster, especially during where months.
4. Please list any comments, concerns, and/or suggestions you may have relating to the overall Transportation Mast Plan. 9 down this road, especially on a steep hill. We pull several as out of the ditches in the winter for going too fast, this



received by the City on or before (May 28, 2009. We greatly spart of
Name: Rayaly a Jan Cobinson
Address: 3945 10. 400 00
City: Pl. Gare State: UTzip: 8406
Phone Number: 801-785-2374 E-mail: Vandyscobinson Ognacile Con-
1. Are you in favor of the proposed Roadway Master Plan? Yes No 11 no, why?
In costly for the population to listing
The arct of Clat the developers figure
It when wadleys property is sold a deep
17 66 1000
2. Are you in favor of the proposed Trail/Bicycle Master Plan? Yes No If no, why?
Didut see it - Dounds like is
and idea - we have a thir amoret
Of hierolist of veryle exercising on these pack
3. Are you in favor of the proposed Transit Master Plan? Yes No lif no, why?
3. Are you in tavor of the proposed transit moster, take the part High
The one in those of
School W.P. are-
4. Please list any comments, concerns, and/or suggestions you may have relating to the overall Transportation Master
Plan. Seeme like an exportant almount
- I was for the amount of care
of money to the per prode at
We see y 436 These Taxon
-165 point in time
we would like to know who did
Is a source so one and dailer
The Stelling of the stelling o
Market ov tive - Not warranted



Name: Wendy Rupper	
Address: 445 Valley View Dr	
City: Pleasant Grove State	e: <u>UT_zip:84062</u>
Phone Number: (81)796-7520	
1. Are you in favor of the proposed Roadway Master P	
The locust realignment is a	wonderful idea, honever the saftery
	+ 200 concerns me. Stop signs are
	traffice and I walk that way frequently
	er Plan? Yes No I If no, why? Sidwalks nursed also
	are a greater priority than widening
	or pick sidewalks! Have you consider
3. Are you in favor of the proposed Transit Master Plan	nave handicap ramps of side halles 1? Yes No I If no, why?
Wishful thinking for 20	
4. Please list any comments, concerns, and/or sugges	tions you may have relating to the overall Transportation Master
Plan. I'm in desperator need o	Sorner of Locust and Orchard
Pramps especially on the M	corner of locust and Orchard
PLEASE make this a price	ority! The new recreation center
	traffic on Cocust; and , at the
speed most people drive in-	
pedes trians to Walk on t	



	Thompson	
Address: 617	Canyon Vier Dr.	
City: PG	State: 47 Zip: 87067	
Phone Number:	E-mail:	
1. Are you in favor of t	he proposed Roadway Master Plan? Yes No 🗌 If no, why?	
	Z-300,000 2	
?. Are you in favor of t	he proposed Trail/Bicycle Master Plan? Yes, ◯ No ☐ If no, wh	y?
Are you in fever of the	he avenued Transit Master Bland Vol 7 No 7 No 7	
. Are you in favor of ti	he proposed Transit Master Plan? Yes No 🗌 If no, why?	
3. Are you in favor of t	he proposed Transit Master Plan? Yes No 🗌 If no, why?	
	16 LP L 18 PORRE D D DE	
. Please list any com	ments, concerns, and/or suggestions you may have relating to the o	
. Please list any comi lan.	ments, concerns, and/or suggestions you may have relating to the concerns of improving occass to d	- motomo
I. Please list any comi Plan. Lower The and Make	ments, concerns, and/or suggestions you may have relating to the color of improving access to day it more addressable. Roundatous	Chrow th
I. Please list any comi Plan. Lower The and Make	ments, concerns, and/or suggestions you may have relating to the concerns of improving occass to d	Chrow th
I. Please list any comi Plan. Lower The and Make	ments, concerns, and/or suggestions you may have relating to the color of improving access to day it more addressable. Roundatous	Chrow th
I. Please list any comi Plan. Laure The and Make	ments, concerns, and/or suggestions you may have relating to the color of improving access to day it more addressable. Roundatous	Chrow th



Name:		N. A.	
Address:		Li delese	-
City:	State:Zip	o:	
Phone Number:	E-mail:	5 6	
1. Are you in favor of the propo	osed Roadway Master Plan? Yes [No 🔚 If no, why?	
Totally oppose	d to "roundabouts	"anywhere	THE STATE OF THE S
2. Are you in favor of the propo	osed Trail/Bicycle Master Plan? Ye	es No lf no, why?	
3. Are you in favor of the propo	osed Transit Master Plan? Yes	No ☐ If no, why?	
	concerns, and/or suggestions you made to be widened a put 12' into an oti		



Name: ENT & JUL WALKER
Address: 3805 NORTH 900 WEST
City: PLEASANT GROUE State: UT Zip: 84062
Phone Number: 801-796-7974
1. Are you in favor of the proposed Roadway Master Plan? Yes 🕏 No 🔀 If no, why?
A MAIN ARTERIAL STREET, THE SCHOOL AREA WILL POT LEND ITSELF TO SPEEDS THAT OCCUR ON THE SCHOOL AREA WILL POT LEND ITSELF TO SPEEDS
2. THERE APPEARS TO BE A LACK OF ECOLDINATION WITH ADDINIONS COMMUNITIES - BEPECIALLY IN OUR ARDA (CEDAR HILLS/AMBRICAN FORK
2. Are you in favor of the proposed Trail/Bicycle Master Plan? Yes ⋈ No ☐ If no, why?
3. Are you in favor of the proposed Transit Master Plan? Yes □ No □ If no, why? □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
4. Please list any comments, concerns, and/or suggestions you may have relating to the overall <u>Transportation Master Plan.</u>
3. ROUND ABOUTS ARE A FORMAR (BUT NOT PROVEN SOMUTION) TO MOVING TRAFFIC BUT THE 3 ON ZUDO NORTH DON'T MAKE ANY SONSE - (3WAY?)
4. IN OUR ARBA THE MAIN TRAFFIC FLOW SEEMS TO MODE TO THE SOUTH & TO THE WEST. THE MASTER PLAN DOBS NOT THE APPEAR TO TAKE THIS INTO CONSIDERATION
THERE ARE NO DESTINATION NODES NORTH OR GAST OF
OUR ARBA EXCEPT A.F. CANYON,
5 THE GRID PLAN PROPOSED IN NORTH P.G. GTARTS TO LOOK LIKE



Name: Dennis + Bell y Lupan
Address: 3985 N. 900 Co
City: Pleasant 5000 State: UT Zip: 8406 Z
Phone Number: 801796.5361 E-mail: 6020pana Yahoo. Com
1. Are you in favor of the proposed Roadway Master Plan? Yes No 🖾 If no, why?
Too many vound abouts.
Not covodinated with the other citys
2. Are you in favor of the proposed Trail/Bicycle Master Plan? Yes⊿ No ☐ If no, why?
The state of the s
98.827 2 22.97.69 5
3. Are you in favor of the proposed Transit Master Plan? Yes No 🗌 If no, why?
THE RESIDENCE OF THE PERSON OF
4. Please list any comments, concerns, and/or suggestions you may have relating to the overall Transportation Master
Plan Le best way across the Volla, East-west is
2600 N Three round abouts would be too much of
a change, slowing down Tratic on the best ouad-
a Signal light on 4000 N ST. Rd. 146 or Canyon Rd
is not a good chaice - more it south to the Gooder Hills K
The Round about at 4000 N. + 9th West is an overkill
there is not and can not be enough tratic to Just, by it.

Last Name	First Name	Street	City	State	Zip	Phone	Email	Are you in favor of the proposed Roadway Master Plan? If no, why?	2. Are you in favor of the proposed Trail/Bicycle Master Plan? If no, why?	3. Are you in favor of the proposed Transit Master Plan? If no, why?	4. Please list any additional comments, concerns, and/or suggestions you may have relating to the overall Transportation Master	Response
Larsen	Lutie	993 West 1800 North	Pleasant Grove	UT	84062	801-785-5430	lutielarsen@mac.com	No/Somewhat I think it is too much even with the growth we have had, things are much slower. I would like to see good basic road repair throughout. I am afraid the master plan will lock the citizens into a situation where we are forced to participate. I am even more concerned about getting into a citizen vs city, scenario	I don't think the bike lanes are good in the streets. I think they should be located off road.	Yes	Plan. Go a little more slowly. Don't sneak it through the city council before people are aware this is a big deal - and will requires public support. Maybe do it in stages especially since the citizens are struggling economically. If PG is doing so well we should have money to put into the street repair (maintenance)	1 & 4 - The TMP is intended to be a dynamic document that will be updated on a regular basis (every few years). The TMP is not intended to commit the City or its citizens to building specific improvements; however, it is intended to be used as a tool to assist the City as new development is built throughout the City. 2-There are certain safety concerns with bikes using roads with cars and trucks. However, streets are supposed to accommodate multiple modes of transportation, including bicycles. Properly designed on-street bike facilities, such as bike lanes and streets with wide shoulders, are reasonable safe and allow bicyclists the opportunity to get around, which is their right. With proper signage, pavement markings, and other measures, the safety of the bicyclist can be maximized.
Potter	Heidi	634 West 4000 North	Pleasant Grove	UT	84062	801-822-6434	heidigoose@hotmail.com	Cars already go way too fast down 4000 North and don't see us when pulling out of the driveways because of all the trees. It is just too dangerous to bring more traffic down this road, especially on a steep hill. We pull several cars out of the ditches in the winter for going too fast. This will be a disaster, especially during winter months. Please don't take away the beautiful trees and somewhat peaceful atmosphere we have enjoyed on this road for years!				Comment noted. Since the regional transportation master plan by MAG shows a need for an east/west regional facility in this area, City will continue to work with MAG, UDOT, surrounding cities, and local residents to develop a solutions to the transportation needs in this area. The City has developed four alternatives that are being considered. For the time being, the City has not decided on a specific alternative and will continue to study the issues to appropriately address residents concerns.
Gonzalez	Mario	1119 East 100 North	Pleasant Grove	UT	84062	435-201-7822	ajamario@gmail.com				Being a recent move-in, I can see the needs to improve traffic/transportation plans. From what I have seen in the master plan, the changes are necessary and vital to the continued growth of Pleasant Grove	4 - Comment noted.
Levin	Debbie	866 West 4000 North	Pleasant Grove	UT	84062	801-701-0440	debilevin@hotmail.com	I think that the intersection at 900 West 4000 North is way to steep to have light. You can't stop in the winter or you will get stuck! It is a very dangerous road to get onto. I think this road should be a one way road or dead end.			I will never agree to ever have our trees removed to widen the road. They are very historical over 150 years old. This would be a disaster to have	1 & 4 - Comments noted. Since the regional transportation master plan by MAG shows a need for an east/west regional facility in this area, City will continue to work with MAG, UDOT, surrounding cities, and local residents to develop a solutions to the transportation needs in this area. The City has developed four alternatives that are being considered. For the time being, the City has not decided on a specific alternative and will continue to study the issues to appropriately address residents concerns.
Elliott	Muriel	655 West 4000 North	Pleasant Grove	UT	84062	801-785-5647	murielkelliott@yahoo.com	It is much safer the way it is. Cars will go much faster with a wider road. It would destroy our environment and cost a fortune (9600 North or 3800 North PG)		I'm not sure - we already have bus stops close.	I've known it was coming for a long time. I think there are ways that would not have such an impact on so many people	1 & 4 - Comments noted. Since the regional transportation master plan by MAG shows a need for an east/west regional facility in this area. City will continue to work with MAG, UDOT, surrounding cities, and local residents to develop a solutions to the transportation needs in this area. The City has developed four alternatives that are being considered. For the time being, the City has not decided on a specific alternative and will continue to study the issues to appropriately address residents concerns. 3-In the future, more than bus stops and express bus service will be needed as Utah County and Pleasant Grove grow. Plans include availability of and access to commuter rail service through the Intercity Connector facility, which is being developed as a high frequency bus route between Spanish Fork and Eagle Mountain and anticipated to be operational by 2015. Local circulator bus service will also be increased throughout the communities of Utah County, including Pleasant Grove.
Rupper	Wendy	445 Valley View Drive	Pleasant Grove	UT	84062	801-796-7520	wendy.rupper@gmail.com	The locust realignment is a wonderful idea, however the safety of the roundabout at locust and 200 concerns me. Stop signs are much safer for pedestrian traffic and where walking is frequent.	Sidewalks, in my opinion, are a greater priority than widening for bikes lanes. If its either or pick sidewalks! Have you considered interconnecting HANDICAP routes as well. The majority of sidewalks in my neighborhood do NOT have handicap ramps.		I'm in desperate need of sidewalks with handicap ramps especially on the NE corner of Locust and Orchard. PLEASE make this a priority! The new recreation center makes much more pedestrian traffic on Locust; and at the speed most people drive in that road, it is unsafe for pedestrians to walk on the side of the road	1 - Roundabouts have proven to be just as safe, if not safer than stopsigns for pedestrians when properly designed. If a roundabout is determined to be the best control for this intersection, the latest information will be used to design the roundabout to safely accomodate pedestrians. 2-There is no question that sidewalks should be the highest priority. However, they are more costly to construct and many times require additional right-of-way, making them more difficult to implement in comparison to painting a bicycle lane onto the pavement of an existing street. Handicap routes that are ADA compatible are also needed, but as with sidewalks, implementation of ADA facilities since there are relatively few ADA compatible sidewalks in the City, and therefore more problematic to implement. In order to implement more sidewalk and ADA compatible facilities, the City will need to allocate more financial resources on a regular basis for these improvements. 3-Plans identify transit projects for both long as well as short range implementation. To implement the transit element of the Plan will require substantial financial resources which the Mountainland Association of Governments (MAG) Plan has accounted for. 4- Comment noted.

Last Name	First Name	Street	City	State	Zip	Phone	Email	Are you in favor of the proposed Roadway Master Plan? If no, why?	Are you in favor of the proposed Trail/Bicycle Master Plan? If no, why?	3. Are you in favor of the proposed Transit Master Plan? If no, why?	Please list any additional comments, concerns, and/or suggestions you may have relating to the overall Transportation Master	Response
Levin	Fred & Trudi	3939 West 9600 North	Cedar Hills	UT	84062	801-785-3356	trudilevin@hotmail.com	If the road is widened on 4000 North most of the houses will have to be condemned. A better solution would be to widen the road just south because it is already at least 70 feet wide. If traffic light at 4000 North and canyon would be placed a major security issue will be put in place	There really is not enough access to the trails	It is almost impossible to use UTA because the steps are not convenient and too far apart and the time is not frequent enough to assist us in our travel	Plan. If 4000 North should be widened the street should be widened on either side. Again, the road south of 4000 North is wide enough to accommodate the proposed	1 & 4 - Comments noted. Since the regional transportation master plan by MAG shows a need for an east/west regional facility in this area, City will continue to work with MAG, UDOT, surrounding cities, and local residents to develop a solutions to the transportation needs in this area. The City has developed four alternatives that are being considered. For the time being, the City has not decided on a specific alternative and will continue to study the issues to appropriately address residents concerns. 3-It must be agreed that there is much to be desired about the current transit (bus) service in many parts of Utah County, including Pleasant Grove. That is why transit projects have been identified in the Regional Transportation Plan that hopefully will meet the transit needs in both the long and short term.
Thompson	Jeff	617 Canyon View Drive	Pleasant Grove	UT	84062						Love the idea of improving access to down town and making it more attractive. Roundabouts would be a nice touch. Like bike trails ect. as well.	4 - Comment noted.
Zullinger	Dennis	637 West 4000 North	Pleasant Grove	UT	84062	801-785-5991	hull810@alpine.k12.ut.us	Houses on 4000 North are too close to the road if widened to a 70 foot road or 106 foot right of way nearly every hose on the road would need to be condemned it would be better to have the original road plan where the next road to the south is the 70 foot road. It's already that wide.	The trails look good, but there should be more access into Mt. Mahogany from more points than just the Forest Service Trail	UTA is a joke. It serves only those along State Street. Pleasant Grove shouldn't even participate unless they really serve our community. The Canyon Road run is just twice a day	the north would need to be removed. A stop light there would cause many accidents unless the hill were removed. I have a hard time turning south of 4000 North without being run over. So far the widening of 4000 North is being done on just the	1 & 4 - Comments noted. Since the regional transportation master plan by MAG shows a need for an east/west regional facility in this area, City will continue to work with MAG, UDOT, surrounding cities, and local residents to develop a solutions to the transportation needs in this area. The City has developed four alternatives that are being considered. For the time being, the City has not decided on a specific alternative and will continue to study the issues to appropriately address residents concerns. 2-We agree with you that more access points are needed to the Forest Service lands and Mt. Mahogany to the east of the City. In response to your comment, the City has added more planned trailheads to the Draft Transportation Master Plan that would allow greater access to the natural areas east of the City. Starting from the Pleasant Grove/Lindon City boundary and working northward the planned trailheads are: Murdock Drive Trailhead, Murdock Estates Trailhead, Wade Springs Park Trailhead, Wadley Springs Trailhead, Manila Creek Trailhead, and Harvey Boulevard Trailhead, and Grove Creek Trailhead. 3-As with the response made above to the Levin comment, the transit or bus service in Utah County generally, and Pleasant Grove specifically can and should be significantly improved. Plans call for the addition of commuter Rail, light right, the Intercity Connector, Bus Rapid Transit, and expansion of local circulator bus service within the next 4 to 20 years. These improvements will make a difference in the ability of Pleasant Grove's residents to get around.
Levin	Ralph	866 West 4000 North	Pleasant Grove	UT	84062	801-701-0440	Ralph-6444@hotmail.com	The intersection at 900 West 4000 North is a steep hill and people get stuck at the top of the hill and when they attempt to go out onto Canyon Road they create A LOT of near misses and accidents			put in a roundabout at the bottom of that hill would require removal of my 150 year old trees which	1 & 4 - Comments noted. Since the regional transportation master plan by MAG shows a need for an east/west regional facility in this area, City will continue to work with MAG, UDOT, surrounding cities, and local residents to develop a solutions to the transportation needs in this area. The City has developed four alternatives that are being considered. For the time being, the City has not decided on a specific alternative and will continue to study the issues to appropriately address residents concerns.
Phelon	Kathryn	1040 East 900 South	Pleasant Grove	UT	84062	801-785-3705					When will you finish 1000 South between Locust and 1150 East? My property borders this road. Will I have access to get onto this road from my back yard?	4 - The extension of 1000 South is a high priority (0 to 5 years); however, the actual implementation of this improvement is dependent on available funding. With this road being classified as a minor arterial, access will be restricted. Therefore, if your property is already accessible from the front, a secondary access would not be granted.
Wise	Jim	2211 North 600 West	Pleasant Grove	UT	84062			Totally opposed to "roundabouts" anywhere			600 West needs to be widened at two properties at 2211 North that stick out 12' into an otherwise straight street.	4 - As development occurs along this roadway, developers will be responsible to widen this roadway and install curb & gutter, park strips, and sidewalks.
Robinson	Randy & Jan	3945 North 900 West	Pleasant Grove	UT	84062	801-785-2224	randyw.robinson@gmail.com	too costly for the population to justify the cost - Get the developers figure it out when Wadley property is sold, and developed	Didn't see it - Sounds like a good idea - we have a fair amount of bicyclist people exercising on these back roads	The one in front of Lone Peak High School we are		1 & 4 - It is unclear to which part of the City you are referring. The cost of the recommended improvements will not be solely covered by the City. Impact Fees will be collected from developers and other funds are available to the City to construct some of the recommended improvements. It should also be noted that these improvements will be spreadout over atleast the next 20 to 30 years as land continues to be developed. 2-We agree with you that the development of bicycle and pedestrian facilities in the City is a good idea.

Last Name	First Name	Street	City	State	Zip	Phone	Email	1. Are you in favor of the proposed	2. Are you in favor of the proposed	3. Are you in favor of the proposed	4. Please list any additional comments,	Response
								Roadway Master Plan? If no, why?	Trail/Bicycle Master Plan? If no, why?	Transit Master Plan? If no, why?	concerns, and/or suggestions you may have relating to the overall Transportation Master Plan.	
Walker	Kent & Jill	3865 North 900 West	Pleasant Grove	UT	84062	801-796-7974		1. Harvey Blvd does not have the traffic count to justify it as a main arterial street. The school area will not lend itself to speeds that occur on such thorough fares 2. There appears to be a lack of coordination with adjoining communities-especially in our area (Cedar Hills/Americar Fork) 3. Roundabouts are a popular (but not proven solution) to moving traffic but the 3 on 2600 North don't make any sense -(3 way) 4. In our area the main traffic flow seems to move to the south and to the west. The master plan does not appear to take this into consideration (there are not destination "nodes" north or east of our area except American Fork Canyon. 5. The grid plan proposed in north Pleasant Grove starts to look like the layout for Orem (uck) and you will loose all sense of neighborhood!			riall,	1 - Comments noted. Since the regional transportation master plan by MAG shows a need for an east/west regional facility in this area, City will continue to work with MAG, UDOT, surrounding cities, and local residents to develop a solutions to the transportation needs in this area. The City has developed four alternatives that are being considered. For the time being, the City has not decided on a specific alternative and will continue to study the issues to appropriately address residents concerns Roundabouts have proven to be safer and just as efficient at moving traffic as a traffic signal when properly designed. If roundabouts are determined to be built along 2600 North, the latest design standards will be used to assure they operate as efficiently as possible.
Fox	Wade & Kaylee	3905 North 900 West	Pleasant Grove	UT	84062	801-796-3903	wfox3903@msn.com	We disagree with the roundabouts proposal at 4000 North 900 West. There is not enough growth or traffic flow potential to ever support or justify a roundabout at that location.			We also feel that 3 roundabouts on 2600 North are unnecessary	1 & 4 - Comments noted. Since the regional transportation master plan by MAG shows a need for an east/west regional facility in this area, City will continue to work with MAG, UDOT, surrounding cities, and local residents to develop a solutions to the transportation needs in this area. The City has developed four alternatives that are being considered. For the time being, the City has not decided on a specific alternative and will continue to study the issues to appropriately address residents concerns Roundabouts have proven to be safer and just as efficient at moving traffic as a traffic signal when properly designed. If roundabouts are determined to be built along 2600 North, the latest design standards will be used to assure they operate as efficiently as possible.
Zupan	Dennis & Betty	3985 North 900 West	Pleasant Grove	UT	84062	801-796-5301	bdzupan@yahoo.com	too many roundabouts. Not coordinated with other cities			North. Three roundabouts would be too much of a	1 & 4 - Comments noted. Since the regional transportation master plan by MAG shows a need for an east/west regional facility in this area, City will continue to work with MAG, UDOT, surrounding cities, and local residents to develop a solutions to the transportation needs in this area. The City has developed four alternatives that are being considered. For the time being, the City has not decided on a specific alternative and will continue to study the issues to appropriately address residents concerns Roundabouts have proven to be safer and just as efficient at moving traffic as a traffic signal when properly designed. If roundabouts are determined to be built along 2600 North, the latest design standards will be used to assure they operate as efficiently as possible.

Appendix E: Resolution & Staff Report

RESOLUTION NO. 2009-016

- A RESOLUTION AMENDING THE PLEASANT GROVE CITY TRANSPORTATION MASTER PLAN AS PROVIDED IN CHAPTER 5 OF THE PLEASANT GROVE CITY GENERAL PLAN, AND PROVIDING AN EFFECTIVE DATE.
- WHEREAS, the transportation and circulation system of any community can be considered the framework of that community; and
- WHEREAS, The City's goal is to have a good transportation system that provides quality circulation, regulates traffic appropriately, and that has vision for future growth; and
- WHEREAS, concerns regarding transportation issues have increased as development has increased in the City of Pleasant Grove (the "City"); and
- WHEREAS, to address said impacts and concerns, the City retained Horrocks Engineers Inc, to provide expert transportation consulting services and to assist in preparing an update of the Pleasant Grove City Transportation Master Plan; and
- WHEREAS, the Mayor established a Transportation Master Plan Advisory Committee (the "Advisory Committee") to study transportation issues and work with Horrocks Engineers, Inc in preparing the Major Street Plan update; and
- WHEREAS, Horrocks Engineers Inc, working with the Advisory Committee and City technical staff, prepared amendments to update the City's Transportation Master Plan; and
- WHEREAS, on May 13, 2009 a public open house was held to review with the public the proposed amendments to the Transportation Master Plan and to receive input from the public on aspects of the amendments including:600 West alignment, 4000 North options, and 100 East widening.
- WHEREAS, on June 23, 2009 the Pleasant Grove Planning Commission held a duly noticed public hearing to consider the proposed amendments of the City's Transportation Master Plan, and after such public hearing and upon considering the recommendation of Horrocks Engineers Inc, the Advisory Committee, and the public, the Planning Commission recommended that the City Council adopt the update of the Transportation Master Plan with amendments; and
- WHEREAS, on <u>June 23, 2009</u> the City Council held a duly noticed public hearing to consider the recommendation of the Planning Commission to update the Transportation Master Plan; and
- WHEREAS, after considering the Planning Commission's recommendations, and the facts and comments presented to the City Council, the Council finds that the proposed update of the Pleasant Grove City Transportation Master Plan reasonably furthers the health, safety and

general welfare of the citizens of Pleasant Grove.

NOW, THEREFORE, BE IT RESOLVED by the City Council of Pleasant Grove City, Utah County, State of Utah, as follows:

<u>SECTION 1</u>. Chapter 5 "Transportation" of the Pleasant Grove City General Plan is hereby amended as shown on Exhibit "A" which is attached hereto and incorporated herein by this reference.

SECTION 2. SEVERABILITY. The sections, paragraphs, sentences, clauses, and phrases of this Resolution are severable. If any such section, paragraph, sentence, clause, or phrase shall be declared invalid or unconstitutional by the valid judgment or decree of a Court of competent jurisdiction, such invalidity or unconstitutionality shall not affect the validity or constitutionality of any of the remaining sections, paragraphs, sentences, clauses, or phrases of this Resolution.

SECTION 3. THIS RESOLUTION APPROVED and ADOPTED by the City Council of

Pleasant Grove City, Utah County, Utah, this 23rd day of June, 2009.

Michael W. Daniels, Mayor

ATTEST:

Kathy T. Kresser, City Recorder

(SEAL)



COMMUNITY DEVELOPMENT DEPARTMENT 86 East 100 South Pleasant Grove, UT 84062 (801) 785-6057 Fax: (801) 785-5667 www.pgcity.org

PLANNING COMMISSION & CITY COUNCIL STAFF REPORT

Meeting Date: June 23, 2009

Agenda Item Number: 1

Issue:

Public hearing to consider adoption of a Resolution regarding the adoption of the updated

Pleasant Grove City Transportation Master Plan.

From:

Degen Lewis

City Engineer

Applicant:

Pleasant Grove City

Zoning:

All zones

BACKGROUND:

Over the last four months Pleasant Grove City has been working on an update to the transportation master plan. The current plan was adopted in 2001 and significant growth has occurred within the City since that time. The update anticipated a refinement of the current plan with no major changes expected. Growth and street expansion since 2001 needed to be accounted for in road maps and the Capital Facilities plan. Staff has also noted a need for formal guidance and standards on access management for roads classified at collector level or higher. There was also a desire to include several road realignments that the City has considered at various times in the past. Need for these changes appears greater now and staff wanted them formally included in the plan so that development can be appropriately directed to accommodate the anticipated changes.

A draft of the plan was presented for review by the public at an Open House on May 13, 2009. The comments were generally positive. The most common concerns verbalized that evening focused on how Canyon Road was accessed from 4000 North. This area is more specifically addressed later. Written comments on the proposed plan update are included in an appendix in the final document along with a summary of these comments and how they were addressed in the plan.

The revised Pleasant Grove City Transportation Master Plan update includes:

(1) Amendment of the text of the Plan in its entirety. Most sections were expanded in scope and detail. The areas of access management and future street layout planning have had significant expansion. A discussion of traffic calming measures has been added. Trail and alternative transportation (non automobile) modes are discussed more fully.

(2) Amendment of the Street Master Plan Map. The Street Master Plan Map has been expanded in the information shown.

Local Street Vicinity Map

City ordinance requires the Planning Commission not only to adopt and maintain a Major Street Plan but also to adopt and maintain a vicinity map for the long range planning of local streets. Potential local streets are now shown on the Roadway Master Plan Map. The map is subdivided into a more detailed view in figures 8-10.

Roadway Realignments Or New Connections

There are several locations throughout the City where roads that need realignment or new connections to provide better long term traffic flow. They include:

- Shift of 1300 West (Proctor Lane) at 700 North in Lindon to reestablish the connectivity of Proctor lane south toward Utah Lake.
- Shift of 600 West and Center Street north of State Street so that 600 West connects directly with State Street and Center Street connects to 600 West to the north
- Shift of 100 East and Geneva Road so that the two streets meet in a single intersection at State Street. This also includes a disconnection of Main Street from State Street.
- Shift of Murdock Drive east of 1500 East to the south so that it lines up with 1000 South. The existing Murdock Drive would disconnect from 1500 East but still service all homes along the street.
- Shift of 200 South and 220 South to align with each other and cross State Street at a right angle. Currently being accomplished through UDOT's project to widen State Street.
- Shift or 2600 North to the north as it connects to Canyon Road so that the intersection is squared up and widened to improve safety.
- New connection between Garden Drive and State Street at approximately 1000 West.

Intersection Improvements

The map now includes information regarding the type of traffic control ultimately needed at certain locations (primarily the intersections of collectors and arterials). Signals are shown where traffic volumes are anticipated to grow to levels that will meet the standards for traffic signals. Roundabouts (traffic circles) are shown at intersections where expected traffic demand will exceed the ability of a multi-way stop to handle but where a traffic signal would be unwarranted.

There are several routes where the expansion needed has changed from the previous plan and maps. Streets previously identified for expansion in the previous plan which no longer need expansion or the required expansion is less than previously forecast are listed below:

- 2600 North will function adequately as a three lane collector rather than a five lane arterial.
- 1100 North will function adequately as a three lane collector rather than a five lane arterial.
- 220 South from Pleasant Grove Boulevard to State Street and 200 South from State Street and Main Street will function adequately as a three lane collector rather than a five lane arterial.
- Center Street can be reduced from a five lane arterial to a three lane collector (road diet) and still convey the anticipated traffic. This may allow for additional park, trail, open space, or parking options along this portion of Center Street.

One street, 100 East from State Street to 1100 North was previously identified as a three lane collector, but is not expected to function at an acceptable level unless expanded to a five lane width. 100 East north of 1100 North had previously been identified as a five lane arterial.

- (3) Amendment and/or inclusion of other Transportation Master Plan Maps, to include: 1) Roadway Functional Classifications Map, 2) Bicycle & Pedestrian Facilities Map, 3) Future Transit Plans Map, 4) Signal Inventory Map, 5) Transportation Improvement Program Map.
- (4) Additional illustrations of potential roadway cross-sections, including a new class of road called residential sub-local which is narrower than a standard residential street. There are specific guidelines as to where these roads would be allowed.

DISCUSSION:

There is one area where staff desires specific guidance. This is the plan for improvements to 4000 North. This area generated the bulk of the written comment on the draft plan. Due to the feedback a separate discussion of this area and possible alternatives are listed in Chapter Five (see pages 48-50).

From an engineering point of view the option shown in the current transportation master plan is not recommended as it expects motorists to use a longer route with required left and right turns at an additional intersection while a more direct route exists. Experience indicates that motorists will use to most direct route (from a travel time standpoint). The option to widen 4000 North as shown in figure 17 is first recommended option. Widening 4000 North to a collector width will likely move the roadway within the standard setback for some homes and would be a significant change from the historical roadway. However, even installing a standard residential street would be a significant change from the current street.

A second alternative to provide a direct connection to Canyon Road would be to swing 4000 North south to line up with Monson Drive. This option would also remove the turns at the intersections and the realignment would take place on largely undeveloped land. There would be one home on 900 West that would need to be removed to make the new connection to the west. This option would also require Cedar Hills to modify their plans for 9600 North which would include reconstruction and abandonment of already completed collector status road improvements.

A third alternative is to continue with offset route as illustrated in the current plan. It will likely create congestion that would otherwise be avoided in the previous options and it is unusual to offset a collector roadway for such a short distance.

A fourth option of "Do Nothing" is outlined in the document but since option three above has previously been adopted by the City it is not really an option.

RECOMMENDATION:

Due to tonight's joint meeting, there are two actions needed. The Planning Commission needs to make a recommendation to approve / disapprove the proposed plan along with any recommended changes to the final document. After this the City Council needs approve / disapprove the final document along with any changes required.

PLANNING COMMISSION -

Staff recommends approval of the updated Pleasant Grove City Transportation Master Plan, based upon the following findings:

- The process to update the Transportation Master Plan has been provided good opportunity for input from the public, staff, and the Planning Commission.
- 2. The updated Transportation Master Plan is consistent with the City's goals as represented in the General Plan.

CITY COUNCIL -

Based on the recommendations given in the forgoing action of the Planning Commission regarding the revised Transportation Master Plan and based on the above and other findings listed by the Commission, Staff recommends adoption of the resolution adopting the 2009 Pleasant Grove City Transportation Master Plan.

MODEL MOTION:

PLANNING COMMISSION -

Sample Motion for Approval – "I move the Commission to forward a positive recommendation to the City Council to approve the proposed 2009 Pleasant Grove City Transportation Master Plan, including the maps and exhibits therein, as attached.

List any additional findings....

Sample Motion for Denial – "I move the Commission to forward a recommendation to the City Council to deny the proposed 2009 Pleasant Grove City Transportation Master Plan, based on the following findings:"

List findings for denial....

CITY COUNCIL -

Sample Motion for Approval – "I move we adopt the Resolution #____ adopting the adopting the 2009 Pleasant Grove City Transportation Master Plan, including the maps and exhibits therein, as attached.

List any additional findings....

Sample Motion for Denial – "I move we deny Resolution #____ adopting the proposed 2009 Pleasant Grove City Transportation Master Plan, based on the following findings:"

List findings for denial....

Appendix F: 600 West & Center Street Study







600 WEST & CENTER STREET CONCEPT STUDY PLEASANT GROVE, UT

JANUARY 25, 2024

Table of Contents

List of Figures	iii
List of Tables	iii
Purpose of Report	1
Study Area Conditions	1
Roadway Descriptions	2
Intersection Descriptions	
Railroad considerations	2
Study Conditions	
Existing Conditions	3
Future Conditions	
Future Intersection Configuration	
Planned Growth	
Concept Analysis	8
Concept Selection	8
Concept 1: High-T Signal	
Concept 2: High-T Signal with New Alignment	
Concept 3: Turbo Roundabout	
Existing Intersection Operations	
Safety	
High-T Signal High-T Signal with New Alignment	
Roundabout	
Best Option for Safety: Roundabout	
Operations	
95 th Percentile Queue Length	
Level of Service	19
Best Option for Operations: High-T Signal with New Alignment	20
Cost	
High-T Signal	
High-T Signal with New Alignment	
Roundabout	
Best Option for Cost: High-T Signal	
Conclusion	
Next Steps	
Appendix A: Count Data	1
Appendix B: 12 Initial Concepts	2
Appendix C: 3 Analyzed Concepts	3
Appendix D: Synchro 11 SimTraffic Reports	4
No Build 2022 AM	4

No Build 2022 PM	5
No Build 2030 AM	6
No Build 2030 PM	7
No Build 2050 AM	8
No Build 2050 PM	9
High-T Signal 2022 AM	10
High-T Signal 2022 PM	
High-T Signal 2030 AM	
High-T Signal 2030 PM	
High-T Signal 2050 AM	14
High-T Signal 2050 PM	
High-T Signal New Alignment 2022 AM	
High-T Signal New Alignment 2022 PM	
High-T Signal New Alignment 2030 AM	
High-T Signal New Alignment 2030 PM	19
High-T Signal New Alignment 2050 AM	
High-T Signal New Alignment 2050 PM	21
Roundabout 2022 AM	22
Roundabout 2022 PM	23
Roundabout 2030 AM	24
Roundabout 2030 PM	25
Roundabout 2050 AM	26
Roundabout 2050 PM	27
onendix F: Cost Estimates	28

List of Figures

Figure 1: Study Location	1
Figure 2: Existing AM & PM Peak Hour Turn Movements	5
Figure 3: 2030 AM & PM Turn Movements	6
Figure 4: 2050 AM & PM Turn Movements	7
Figure 5: Concept 1 – High-T Signal	10
Figure 6: Concept 2 – High-T Signal with New Alignment	11
Figure 7: Concept 3 – Turbo Roundabout	12
Figure 8: Comparison Between All-Way Stop and Single-Lane Roundabout Conflict Points	15
List of Tables Table 1: MAG TDM Traffic Volumes for the years 2030 and 2050	4
Table 2: Existing Peak Hour Traffic Analysis	
Table 3: Safety Scoring	
Table 4: SimTraffic Comparisons Between Each Concept in 2022, 2030, and 2050	
Table 5: 600 West EBL Queuing vs Available Storage	17
Table 6: State Street WBT Queuing vs Available Storage	18
Table 7: Level of Service Criteria	19
Table 8: SimTraffic Operations Scoring	20
Table 9: Cost Scoring	

Purpose of Report

The purpose of this Concept Study is to identify viable alternatives to meet the demands of current and future traffic at the intersection of 600 West & Center Street in Pleasant Grove, Utah. The stacking between the State Street & Center Street intersections has been a point of concern. The two westbound through lanes on Center Street are reported to stack and block the left-turn lane. This can cause drivers intending to turn left onto State Street from Center Street wait an additional signal cycle to make the left turn. Additionally, the eastbound left onto 600 West can queue further than the existing storage resulting in obstruction of eastbound through traffic. The study objectives are to collect traffic data at the study intersections, model existing and future traffic projections, analyze concept designs for the project location, and provide plan view layouts for each solution.

The following intersections are included in the study:

- 600 West & Center Street
- State Street & Center Street
- 600 West & Garden Drive

State Street is a UDOT roadway with planned updates on the horizon. These updates are included in this study. The railroad line running parallel to State Street and Center Street is owned by UTA with operations from Union Pacific Railroad (UPRR).

STUDY AREA CONDITIONS

The intersection identified for improvement is 600 West & Center Street located near the center of Pleasant Grove Utah. This is east of the major intersection of State Street & Center Street (see Figure 1).



Figure 1: Study Location

ROADWAY DESCRIPTIONS

State Street is a 45-mph northwest/southeast 6-lane road classified as a primary arterial by UDOT. It is characterized by three southeast bound lanes and two northwest bound lanes separated by a two-way-left-turn lane (TWLTL) within the study area. UDOT's planned updates for State Street, estimated to be complete by 2025, will make it a 7-lane roadway with three travel lanes in both directions separated by a TWLTL.

Center Street is a 35-mph east/west 5-lane road classified as an arterial by Pleasant Grove City. It is characterized by two travel lanes in each direction separated by a TWLTL.

600 West is a 25-mph north/south 3-lane road classified as a collector by Pleasant Grove City. It is characterized by one travel lane in each direction separated by a TWLTL.

INTERSECTION DESCRIPTIONS

State Street & Center Street has crosswalks on every approach and the following lane configurations:

- Southeast bound: 1L, 3T, 1R with sharrow bike lane markings.
- Northwest bound: 1L, 2T, and a shoulder that functions as a dedicated right-turn lane.
- Southwest bound: 1L, 2T, 1R.
- Northeast bound: 1L, 1T, 1TR.

UDOT's planned updates for State Street will impact all of the approaches in the following ways:

- Southeast and Northwest bound: 2L, 3T, 1Bike, 1R.
- Southwest and Northeast bound: 1L, 2T, 1R.

600 West & Center Street is a T-intersection with stop control on 600 West. The southbound lane geometry has a dedicated left-turn lane and a dedicated right-turn lane. The eastbound lane geometry has one dedicated left-turn lane and two through lanes. The westbound lane geometry has one through lane, one thru-right lane, and a TWLTL.

RAILROAD CONSIDERATIONS

There is an existing railroad line that makes an east/west crossing of 600 West on the north side of the intersection with Center Street. Shortly after this crossing, it curves south crossing Center Street. UTA currently owns the railroad line with Union Pacific Railroad operating on it. The line has light use with approximately 2 crossings per week. Any modifications to the 600 West & Center Street intersection would include coordination with UTA, UDOT, and UPRR in consideration of current and future use of this railroad line.

Study Conditions

Existing conditions for this study were established by collecting traffic volumes at the study intersections. The Mountainland Associated Governments (MAG) travel demand model (TDM) was used to forecast future traffic volumes at the study intersections. This section details the establishment of existing and future scenarios, as well as the updates to be made by UDOT to the State Street & Center Street intersection.

EXISTING CONDITIONS

Traffic counts were collected in March 2022. The data for the following intersections can be found in **Appendix A:**

- State Street & Center Street
- 600 West & Center Street
- 600 West & Garden Drive
- Center Street & 200 West

These counts were put into Synchro 11 modelling the existing roadways. Adjustments to driver behavior in the SimTraffic tool helped reflect the observed conditions of the intersections. These adjustments were applied to a model reflecting the updates to the State Street & Center Street intersection. This model establishes the existing conditions for the study.

FUTURE CONDITIONS

The MAG TDM forecasts regional transportation data. The existing counts combined with the information from the TDM produce the future volumes for the 2030 and 2050 scenarios. The UDOT updates to the State Street & Center Street intersection were included in all scenarios.

FUTURE INTERSECTION CONFIGURATION

The State Street & Center Street intersection is part of the UDOT plans to update sections of State Street. This will result in State Street lane configurations with dual dedicated left-turn lanes, three through lanes, a dedicated bike lane, and a dedicated right-turn lane. The Center Street configurations will have a dedicated left-turn lane, two through lanes, and a dedicated right-turn lane. Turn movement sheets showing these lane configurations, as well as the corresponding existing, 2030, and 2050 volumes, are shown in Figure 2, Figure 3, and Figure 4.

PLANNED GROWTH

Future growth surrounding 600 West & Center Street was forecast using the MAG's TDM. This model integrates future population projections and proposed regional transportation projects to estimate future traffic conditions along the Wasatch Front. MAG's TDM is part of a larger model adopted by the Utah Department of Transportation for the entire Wasatch Front.

Table 1 displays the existing and forecast volumes and growth rates for the study roadways. These growth rates determine future volumes at the State Street & Center Street and 600 West & Center Street intersections. These volumes can be seen in **Figure 2**, **Figure 3**, and **Figure 4**.

Table 1: MAG TDM Traffic Volumes for the years 2030 and 2050

	Average Daily Weekday Traffic (ADWT)						
Road	Existing Volume	2030 Volume (% Difference from Existing)	2050 Volume (% Difference from Existing)				
COO Wast	F 000	6,400	8,050				
600 West	5,990	(6.84%)	(34.39%)				
Center Street	0.520	10,010	12,180				
Center Street	9,530	(5.04%)	(27.81%)				
State Street	24 550	24,310	23,450				
State Street	24,550	(-0.98%)	(-0.98%)				





AM PEAK HOUR



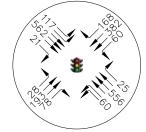
PM PEAK HOUR



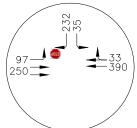


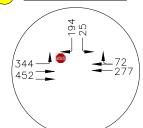


PM PEAK HOUR









10/2023

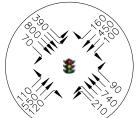




AM PEAK HOUR



PM PEAK HOUR





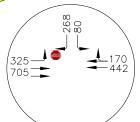
100-237<u>-</u>

AM PEAK HOUR











10/2023





AM PEAK HOUR



PM PEAK HOUR



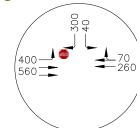


240

AM PEAK HOUR



PM PEAK HOUR



Concept Analysis

To help identify the needs and constraints at the 600 West and Center Street intersection, several abstract concepts were created and discussed with Pleasant Grove City staff. Concepts were narrowed as public use, cost, and general practicality were considered. Ultimately three (3) concepts were selected for further analysis and proof of concept.

Each concept was modeled and analyzed with existing, 2030, and 2050 traffic volumes. Analysis for each concept involved the following factors with their overall contribution to a total scoring:

- Safety 30%
- Operations 40%
 - o 95th percentile queue 30%
 - Level of Service 10%
- Cost 30%

It is important to review these factors to provide recommendations that provide the highest benefit for all users at this intersection. The SimTraffic results for each concept showed that every concept performed at LOS A or B during the AM and PM peak hours. Because of this, Level of Service was given a lower weight to the total score to focus on how well each concept solved the storage of vehicle queueing. The sections below outline the analysis of each measure.

CONCEPT SELECTION

Twelve (12) initial concepts were created and discussed with Pleasant Grove City. The following high-level drawings can be found in **Appendix B**:

- Existing T-Intersection modified to be rightin-right-out (RIRO)
- Existing T-Intersection modified to be a ¾ access (no SB left-turns)
- Existing T-Intersection modified to be a signalized ¾ access (no SB left-turns)
- Existing T-Intersection modified to be a signalized high-T intersection
- New Roadway Alignment with a signalized high-T intersection
- Realign Center Street to T into 600 West as a signalized T-intersection
- Realign Center Street to T into 600 West as a signalized T-intersection with a two-lane channelized right towards Center Street

- Realign Center Street, 600 West, and Garden Drive into a full signalized intersection
- Realign Center Street, 600 West, and Garden Drive into a full signalized intersection with a two-lane channelized right towards Center Street
- Realign Center Street, 600 West, and Garden Drive into a four-leg roundabout
- Three-leg roundabout at the existing intersection
- Eliminate access to Center Street by making 600 West a cul-de-sac

The initial concepts were discussed with City staff and City Council to review the high-level impacts for each concept. The following three (3) concepts were selected to be analyzed in greater detail:

- Existing T-Intersection modified to be a signalized high-T intersection
- New Roadway Alignment with a signalized high-T intersection
- Three-leg roundabout at the existing intersection

Figures summarizing this analysis can be found in **Appendix C**:. The following sections provide a description of the selected concepts.

CONCEPT 1: HIGH-T SIGNAL

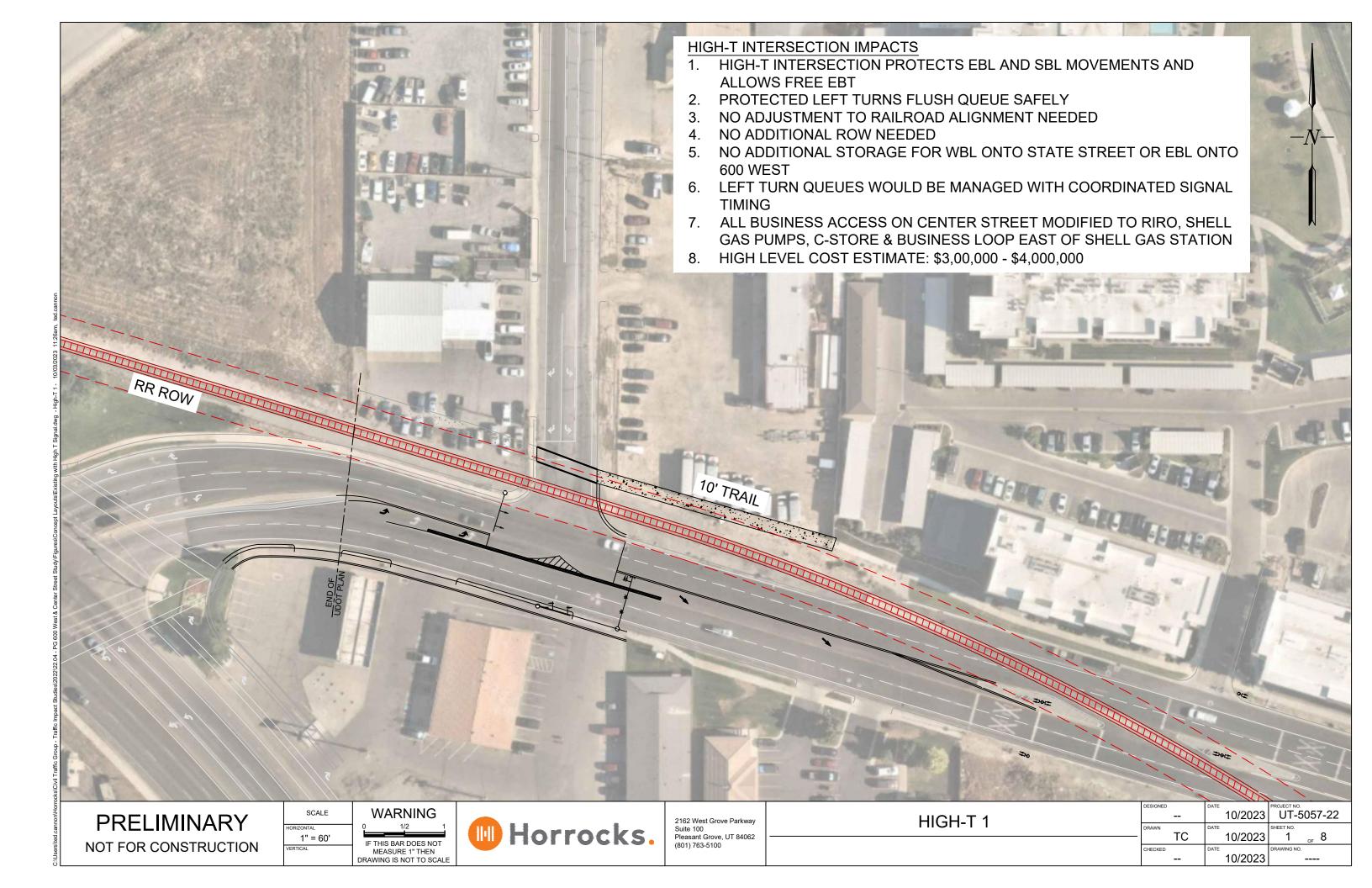
A high-T signal works differently than a traditional signalized T-intersection. A traditional signalized T-intersection controls all 6 movements with the signal. A high-T intersection only controls 5, allowing one through movement to flow freely. At the study intersection this is the eastbound through movement on Center Street. Westbound through traffic would be stopped to all southbound left turns a protected movement to then merge with eastbound through traffic. Coordination with the State Street & Center Street intersection would ensure sufficient gaps for safe merging. Figure 5 shows the high-level concept drawing of the High-T Signal.

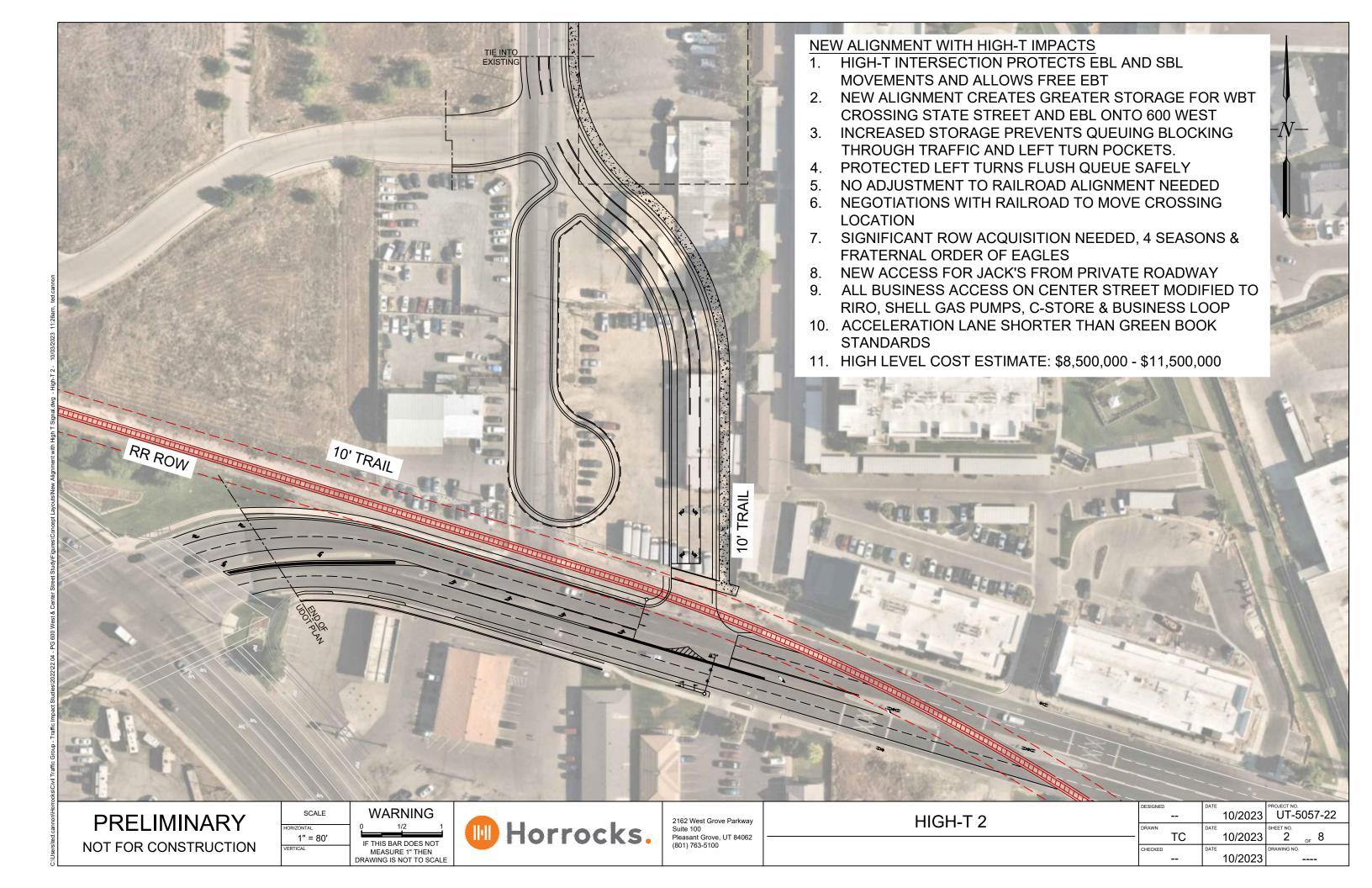
CONCEPT 2: HIGH-T SIGNAL WITH NEW ALIGNMENT

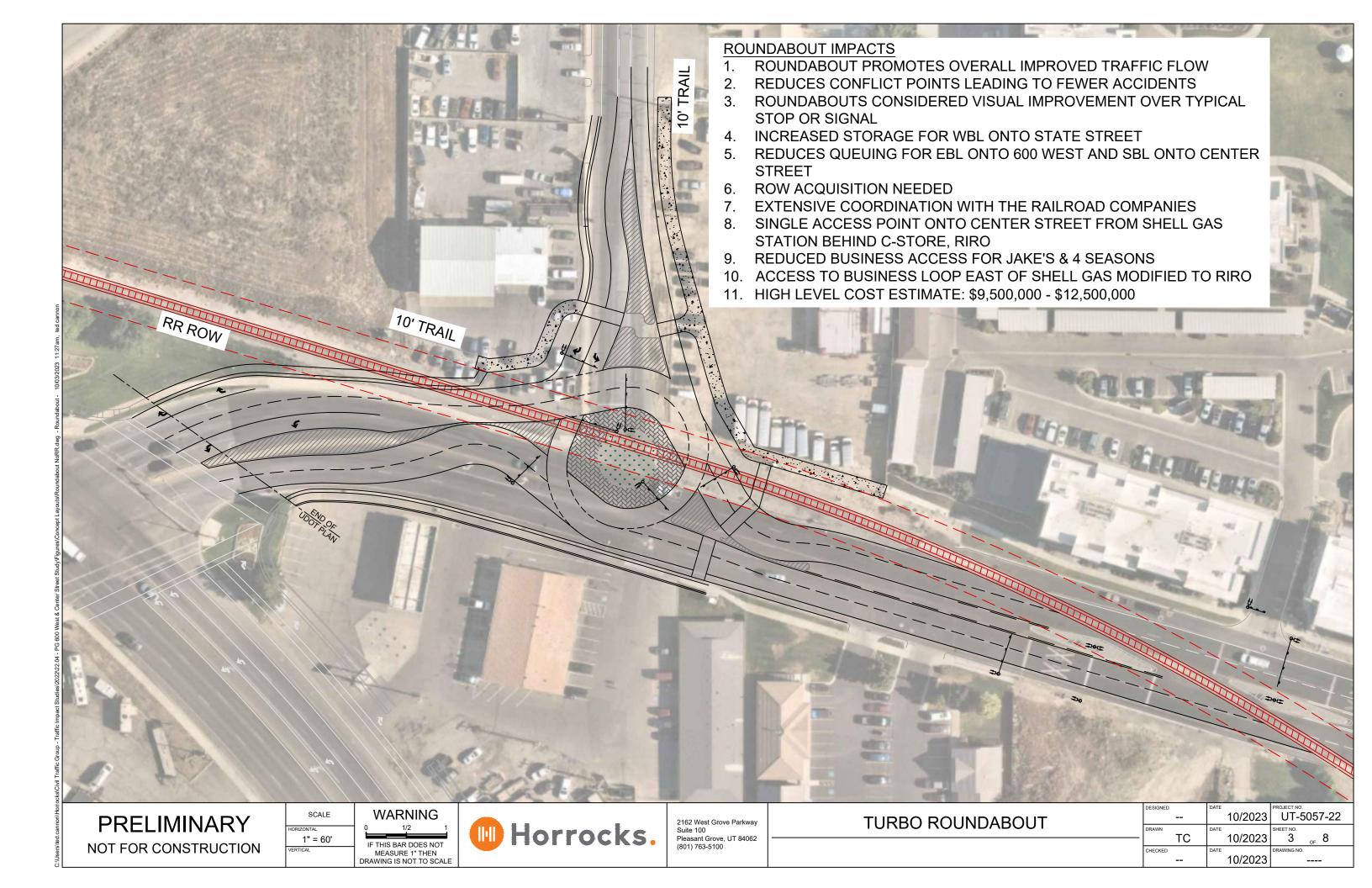
Shifting the alignment of 600 West to the east provides more space between the State Street & Center Street and 600 West & Center Street intersections. More space allows for greater volumes of vehicles to stack into a queue without blocking turn lanes or spilling into adjacent intersections. **Figure 6** shows the high-level concept drawing of the High-T Signal with the New Alignment.

CONCEPT 3: TURBO ROUNDABOUT

The turbo roundabout concept places a roundabout at the intersection of 600 West & Center Street. A turbo roundabout has design features that are different from a traditional roundabout that potentially increase safety and flow through the roundabout. **Figure 7** shows the high-level concept drawing of the Turbo Roundabout.







EXISTING INTERSECTION OPERATIONS

The AM and PM peak hour traffic counts for the study intersections were collected in March 2022. These counts were put into Synchro 11 modelling the existing roadways. Adjustments in the SimTraffic tool helped reflect the observed conditions of the intersections. These adjustments were applied to a model reflecting the coming updates to the State Street & Center Street intersection. This model establishes the existing conditions for the study. The traffic movements are shown in Figure 2. Both intersections perform at an acceptable Level of Service (LOS) considering delay times. However, the queue lengths during the AM and PM peak hour traffic between State Street and 600 West are greater than the available left-turn storage lengths as shown in Table 2.

The storage lengths shown in the table are the westbound through (WBT) at State Street & Center Street, and the eastbound left (EBL) at 600 West & Center Street. The WBT movement at State Street & Center Street is stacking past the available WBL storage. This prevents left turning vehicles to enter the storage lane. For this reason, the WBT queue length is being shown in the table and analyzed for improvement. The queue length shown for 600 West & Center Street is the EBL movement. When queueing exceeds the storage length the EBT movements are blocked by drivers waiting for these left-turn movements.

Table 2: Existing Peak Hour Traffic Analysis

	Intersection Number (Control)		AM Peak H	our	PM Peak Ho	our	Queue Lengths*			
			Average Control Delay (sec/veh)		•		_			
	1 (Signal)	State Street & Center Street	23.9	С	35.0	С	100	208	260	
	2 (Stop)	600 West & Center Street	17.8	С	34.4	D	100	99	237	

Source: HCM Methodologies using SimTraffic in Synchro 11

Control delay for unsignalized intersections shown for the worst approach only per the HCM.

The lack of queue storage is consistent with the feedback that Pleasant Grove City has received surrounding the study intersections. The analysis of the proposed concepts includes queuing vs available storage to ensure that this issue is resolved with the implementation of a new design.

^{*}Queue lengths shown for WBT for intersection 1 and EBL for intersection 2.

^{**}Storage lengths shown for WBL for intersection 1 and EBL for intersection 2.

SAFETY

Pedestrian and driver safety was analyzed with each concept intersection configuration. Conflict points for drivers and pedestrians provide a metric to reduce the potential for collisions. The fewer conflict points correlates to a lower number of collisions.

HIGH-T SIGNAL

A high-T signal would improve pedestrian safety crossing 600 West compared to the existing conditions. There is currently no crosswalk at this location. Pleasant Grove City has identified this as a potential crossing for a future multiuse trail. The protected walking phase at a high-T signal provides increased safety and awareness of pedestrian traffic for a future trail.

A high-T signal doesn't reduce the number of conflict points for drivers, but it creates protected phases where drivers can more safely make these movements.

HIGH-T SIGNAL WITH NEW ALIGNMENT

For the same reasons described above, adding a crossing for a future use trail would be safer at a high-T signal than the existing stop-controlled intersection. Additionally, by shifting the alignment there is more space available for vehicle storage between the signals. This moves heavy traffic volumes away from State Street decreasing the chance that stacking queues into the intersection. The greater distance between signals also allows for more flexibility with the signal timing.

The shift in alignment brings the two railroad crossings closer together. This is safer for both drivers and pedestrians. The shift brings both crossings to a more central location at the signal, making all users more aware of the train and controlling both crossings with a single signal. The added storage, flexibility in signal timing, and condensing the crossings increases the safety of the High-T Signal for both drivers and pedestrians.

ROUNDABOUT

The Federal Highway Administration (FHWA) states in its report <u>ROUNDABOUTS: An Informational Guide</u> that:

For pedestrians, the risk of being involved in a severe collision is lower at roundabouts than at other forms of intersections, due to the slower vehicle speeds. Likewise, the number of conflict points for pedestrians is lower at roundabouts than at other intersections, which can lower the frequency of collisions. The splitter island between entry and exit allows pedestrians to resolve conflicts with entering and exiting vehicles separately. (Robinson, 2000)

Roundabouts have fewer pedestrian-vehicle and vehicle-vehicle conflict points than traditional stop or signal controlled intersections. Figure 8 displays the possible locations at which pedestrians and vehicles are likely to conflict at a single lane roundabout versus a four-way intersection.

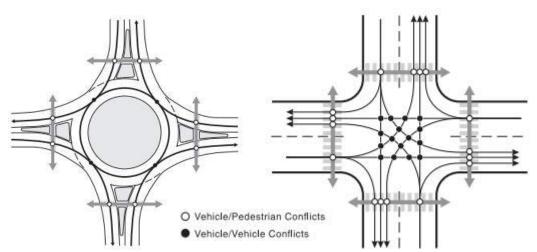


Figure 8: Comparison Between All-Way Stop and Single-Lane Roundabout Conflict Points

United States Department of Transportation, Federal Highway Administration

A roundabout at this location would be 3 legs. The number of conflict points crossing 600 West is the same as with a high-T signal and stop-control. However, the splitter island increases safety as previously described. The roundabout also provides an option for a future pedestrian crossing Center Street where the high-T signals do not.

BEST OPTION FOR SAFETY: ROUNDABOUT

Scores were given on a scale of 1-10 with 10 being the best and 1 the worst. These scores were weighted and placed in a matrix shown in Table 3. All three concepts increase pedestrian safety when compared to the existing stop-control. The benefits of the splitter islands, as well as the potential for future crossings gives the roundabout the most potential for decreasing pedestrian-vehicle conflicts. This is due to the decrease in conflict points (as shown in Figure 8) and the requirement of vehicles to yield through the roundabout. The new roadway alignment is safer than the existing for drivers and pedestrians because it consolidates the RR crossing to a single location.

Table 3: Safety Scoring

Option	Safety Score	Total Score
% of Total	30%	Score x0.3
High-T	7	2.1
High-T New	9	2.7
Roundabout	10	3.0

OPERATIONS

Each concept was evaluated looking at the following metrics for operations:

- 95th percentile queue length (it has a 5% probability of being exceeded) of two movements between the intersections, the EBL at 600 West and the WBT at State Street.
- The delay/vehicle at the intersections. The lower the delay, the better the level of service at the
 intersection, and the less time vehicles are taking to pause at the intersection before passing
 through. For signalized intersections, the weighted average of all delays is used to determine the
 LOS. For unsignalized intersections, the delay of the worst movement is used to determine the
 LOS.

The SimTraffic results of each option are shown in **Table 4**. The SimTraffic reports can be found in **Appendix D**:.

Table 4: SimTraffic Comparisons Between Each Concept in 2022, 2030, and 2050

Peak Hour	Year	Concept	WBT Queue @State St & Center St	EBL Queue @600 W & Center St	State St & Center St Delay/Vehicle (s) (LOS)	600 W & Center St Delay/Vehicle (s) (LOS)
		No Build	208 (>100)	99 (<100)	24.3 (C)	25.1 (D)
	2022	High-T EX	209 (>100)	134 (>100)	21.5 (C)	15.7 (B)
	20	High-T New	160 (<220)*	104	21.6 (C)	15.4 (B)
		Roundabout	177 (<250)	76 (<200)	25.7 (C)	5.6 (A)
ino Oni		No Build	199 (<100)	76 (<100)	23.8 (C)	15.0 (B)
쑱	2030	High-T EX	205 (<100)	103 (<100)	21.6 (C)	5.6 (A)
AM Peak Hour	20	High-T New	157 (<220)*	114	21.4 (C)	15.8 (B)
AM		Roundabout	177 (<250)	76 (<200)	24.7 (C)	5.6 (A)
		No Build	292 (<100)	111 (>100)	25.4 (C)	23.1 (C)
	2050	High-T EX	309 (<100)	119 (>100)	24.7 (C)	7.3 (A)
	20	High-T New	217 (<220)*	158	25.1 (C)	17.0 (B)
		Roundabout	266 (<250)	95 (<200)	26.1 (C)	7.1 (A)
		No Build	260 (>100)	237 (>100)	35.6 (D)	22.5 (C)
	2022	High-T EX	127 (>100)	224 (>100)	27.1 (C)	6.7 (A)
	20	High-T New	113 (<220)*	192	26.2 (C)	11.2 (B)
		Roundabout	122 (<250)	131 (<200)	27.0 (C)	7.9 (A)
PM Peak Hour		No Build	268 (>100)	268 (>100)	37.9 (D)	27.0 (D)
농 프	2030	High-T EX	136 (>100)	305 (>100)	27.6 (C)	8.0 (A)
Pea	20	High-T New	118 (<220)*	262	26.4 (C)	10.5 (B)
Σ		Roundabout	113 (<250)	145 (<200)	33.0 (C)	9.3 (A)
		No Build	345 (>100)	276 (>100)	38.9 (D)	29.6 (D)
	2050	High-T EX	187 (>100)	311 (>100)	27.3 (C)	8.4 (A)
	20	High-T New	128 (<220)*	221	25.9 (C)	11.3 (B)
		Roundabout	143 (<250)	159 (<200)	33.3 (C)	10.1 (B)

Determined using SimTraffic capabilities via Synchro 11 software

^{*}The storage length for the High-T Signal and New Alignment would be determined further into the design stage. At a high-level there is sufficient storage to accommodate the queuing represented in the modeling.

95TH PERCENTILE QUEUE LENGTH

The longest 95th percentile queue length (the queue length that has only a 5% probability of being exceeded) was used to compare the ability of each concept to effectively store vehicles at the study intersections, specifically the westbound through (WBT) movement on Center Street and the eastbound left (EBL) on.

The eastbound left-turn (EBL) at 600 West & Center Street has 100 ft of storage in the No Build and Hight-T Signal concepts. For the realignment concept, there is approximately 480 ft between State Street and the new 600 West intersection. Further into the design stage, this can be divided between the EBL and WBL demand as needed. Based on demand from the model, we have set the EBL storage at 260 ft. Table 5 shows the 95th percentile queue length for each concept relative to these limits.

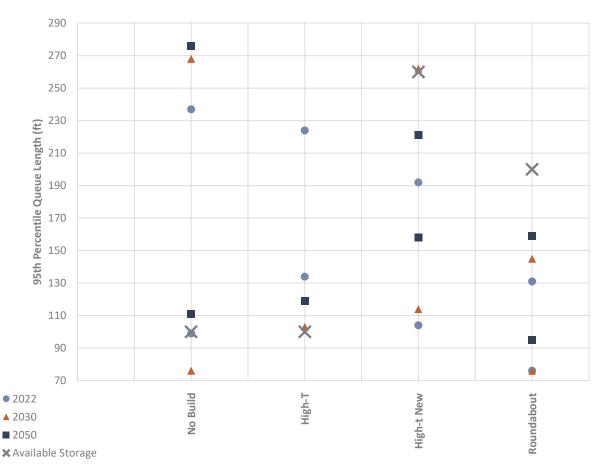


Table 5: 600 West EBL Queuing vs Available Storage

Determined using SimTraffic capabilities via Synchro 11 software

The westbound left-turn (WBL) at State Street & Center Street has 100 ft of storage in the No Build and High-T Signal concepts. As mentioned above, there is approximately 480 ft between State Street and the new 600 West intersection that can be divided between the EBL and WBL demand as needed. Based on demand from the model, we have set the WBL storage at 220 ft. Table 6 shows the 95th percentile queue length for each concept relative to these limits.

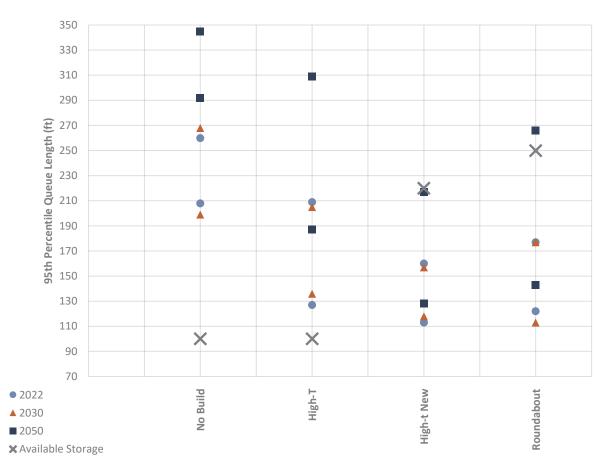


Table 6: State Street WBT Queuing vs Available Storage

Determined using SimTraffic capabilities via Synchro 11 software

The intersections were analyzed considering if they had sufficient storage capacity to contain the EBL movement onto 600 West, and allow access to the WBL storage on Center Street to State Street:

- 1. High-T: EBL queue exceeds storage blocking through traffic; WBT stacking blocks access to WBL lane. This applies to every scenario analyzed.
- 2. High-T New: successfully stores EBL; WBT lanes stack just past the WBL storage (2 ft) during the 2030 AM peak hour.
- **3.** Roundabout: EBL queue successfully managed; WBT lanes stack past the WBL storage less than a full car length (20 ft) during the 2050 AM peak hour.

The High-T Signal with a new roadway alignment most successfully contains the 95th percentile queue lengths. The Roundabout fails to provide access to the WBL by 16 ft during the 2050 AM peak. For scoring purposes this concept is considered to successfully maintain access to the WBL lane, but not as well as the High-T with New Alignment concept.

LEVEL OF SERVICE

Level of Service (LOS) is a term used by the *Highway Capacity Manual* (HCM) to describe the traffic operations of an intersection, based on congestion and delay. It ranges from LOS A (almost no congestion or delay) to LOS F (traffic demand is above capacity and the intersection experiences long queues and delay). LOS C is generally considered acceptable for rural intersections, while LOS D is acceptable for urbanized intersections. LOS E is the threshold when the intersection reaches capacity. For two-way stop-controlled intersections, average intersection-wide delay and LOS are not defined by the HCM. **Table 7** summarizes LOS delay criteria for stop-controlled movements at unsignalized and signalized intersections.

Average Control Delay Level of Service Signalized Unsignalized ≤ 10 ≤ 10 Α В > 10 - 20 > 10 - 15 C > 20 - 35 > 15 - 25 D > 35 - 55 > 25 - 35 Ε > 55 - 80 > 35 - 50 > 80 > 50

Table 7: Level of Service Criteria

Source: Highway Capacity Manual (HCM)

Table 4 at the beginning of this section shows the delay/vehicle of each concept for each scenario. State Street consistently performs at an acceptable LOS C. 600 West & Center Street operate at an acceptable LOS with each concept in the following manner:

- 1. High-T: The weighted average delay of all movements stays between LOS A & B. This is significantly helped by the nature of a high-T signal that allow no delay for one of the major through movements.
- High-T New: The average delay of all movements is LOS B. The same benefits described above apply here.
- 3. Roundabout: The delay of the worst movement stays between LOS A & B. As an unsignalized intersection, the delay of the worst movement determines the LOS, not the weighted average delay of all movements.

Signal Timing

The existing signal timing for State Street was applied to the model. However, the splits and cycle length would not be the same with the planned UDOT updates previously described. Network optimization for the splits and cycle length were applied to each scenario while all other times were preserved (red, amber, all clear, etc.). As a result, the best possible LOS was obtained for each layout and volumes to compare the queue lengths and storage capacities in the best-case scenarios. UDOT timing for State Street & Center Street will likely be coordinated to other State Street signals and a signal at 600 West & Center Street would be optimized accordingly.

BEST OPTION FOR OPERATIONS: HIGH-T SIGNAL WITH NEW ALIGNMENT

Scores based on the SimTraffic measurements were given on a scale of 1-10 with 10 being the best and 1 the worst. These scores were weighted and placed in a matrix shown in Table 8. The total score displays the value of the concept scoring with the weight applied. The higher the total score, the better the intersection concept operates. All concepts performed at acceptable LOS, so delay was weighted as 10 percent of the total score while storage management was weighted as 30 percent.

Option	95 th %tile Queue Length	Delay/Vehicle	Total Score			
% of Total	30%	10%	x0.3 + x0.1			
High-T	1*	9	1.2			
High-T New	10	8	3.8			
Roundabout	8	10	3.4			

Table 8: SimTraffic Operations Scoring

The concept that will operate the best considering delay per vehicle and critical vehicle storage is the High-T Signal with New Alignment.

COST

Cost estimates were developed for each design using the detail available from the high-level concept drawings. These estimates can be found in **Appendix E**:. Moving forward in the design, it is recommended to continue to refine the exact costs for the preferred concept. The following identifies the general costs for each concept.

HIGH-T SIGNAL

The High-T Signal concept has minimal right-of-way (ROW) cost, with some roadway construction needed, but minimal impact on existing traffic for construction. Installation costs for a signal at a stop-controlled intersection with a railroad crossing integration falls between \$3,000,000 - \$4,000,000.

HIGH-T SIGNAL WITH NEW ALIGNMENT

When considering moving the road there are ROW costs as well as roadway construction costs to include. ROW costs would fall in the \$2,250,000 - \$2,700,000 range. This is estimating full property purchases. In this case Pleasant Grove City would be able to resell the land left over for new development.

Given the modifications to existing medians and infrastructure, and unique nature of the railroad crossing, the roadway construction and signal installation would fall between \$6,250,000 - \$8,800,000. Total cost between \$8,500,000 - \$11,500,000.

ROUNDABOUT

Upfront costs for a single lane landscaped roundabout can cost anywhere from \$750,000 to \$1,250,000, depending on size, site conditions, and ROW acquisitions, utility costs, engineering costs, and

^{*}Did NOT successfully store queue lengths between intersections

construction costs. In this case, ROW was estimated to be \$2,000,000 - \$2,500,000 with construction costs surrounding the railroad between \$7,500,000 - \$10,000,000. Total cost would be \$9,500,000 - \$12,500,000.

BEST OPTION FOR COST: HIGH-T SIGNAL

Scores were given on a scale of 1-10 with 10 being the best and 1 the worst. These scores were placed in a matrix shown in **Table 9**. The High-T Signal Concept at the existing location is the least expensive concept. The benefit of using the existing ROW minimizes the need to purchase additional ROW and impact businesses.

Table 9: Cost Scoring

Option	Option Cost Score					
% of Total	30%	Score x0.3				
High-T	8	2.4				
High-T New	5	1.5				
Roundabout	3	0.9				

Conclusion

To compare each concept's performance in Safety, Operations, and Cost, as described in the previous sections, scores were given on a scale of 1-10 with 10 being the best and 1 the worst. These scores were placed in a matrix shown in Table 10 and weighted to provide a total score. Based on the analysis for safety, operations and cost, the high-t intersection with a new roadway alignment provides the highest benefit for this intersection.

Option	Safety	Operations		Cost	Average
		95 th Queue	LOS		
% of Total	30%	30%	10%	30%	100%
High-T	7	1*	9	8	5.7
High-T New	9	10	8	5	8.0
Roundabout	10	8	10	3	7.3

Table 10: Scoring Matrix

NEXT STEPS

This study identifies viable alternatives to meet the demands of current and future traffic at the intersection of 600 West & Center Street in Pleasant Grove, Utah. The queuing for left turns between the State Street & Center Street intersections was a focus to mitigate blockage of through traffic. The study objectives of collecting traffic data at the study intersections, modeling existing and future traffic projections, analyze alternative designs for the project location, and providing plan view layouts for each solution were met.

The presence of the railway adds a complex element to all of the proposed concepts. UTA currently owns the railroad line, and the line currently has light use with approximately 2 crossings per week. The future of this railroad line is unknown at this time. Any concept at this location will require coordination with UTA. It is recommended to continually coordinate with UTA regarding the future of the railroad line so the design can reflect the proposed future configuration of the line.

^{*}Did not successfully store left-turn queue

Appendix A: Count Data

City: Pleasant Grove

N-S Street: State St

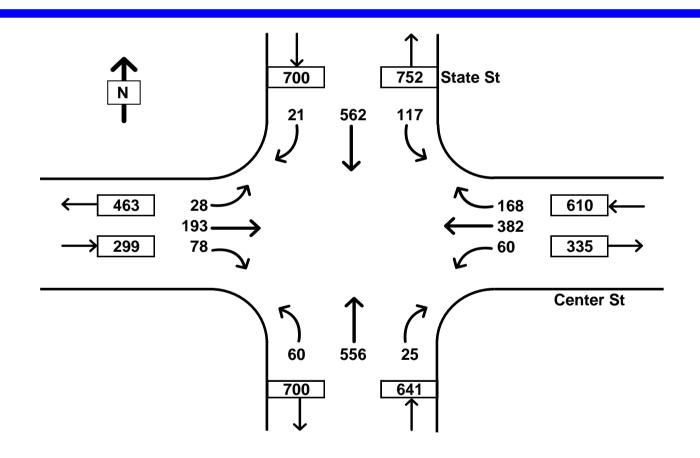
Date: **2/29/2022**

Begin Time: **07:00 AM**Interval Length: **15 min**

E-W Street: Center St



SB						V	/B			N	IB			E	В				
Time I	nterval	Left	Thru	Right	Peds	Total	Hourly												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All Moves	Totals
07:00 AM	07:15 AM	14	85	2	0	6	97	23	0	9	79	4	0	7	24	11	0	361	
07:15 AM	07:30 AM	19	114	7	0	6	81	28	0	10	86	8	0	3	41	9	0	412	
07:30 AM	07:45 AM	39	121	2	0	13	82	40	0	17	109	9	0	1	30	17	0	480	
07:45 AM	08:00 AM	30	129	7	1	19	117	43	0	8	135	11	0	9	60	17	0	585	1838
08:00 AM	08:15 AM	30	150	4	0	7	107	46	0	15	139	6	0	5	52	16	0	577	2054
08:15 AM	08:30 AM	29	134	4	0	15	100	43	0	12	155	7	0	8	43	20	0	570	2212
08:30 AM	08:45 AM	27	119	6	0	13	75	37	0	19	119	7	0	9	47	17	0	495	2227
08:45 AM	09:00 AM	31	159	7	1	25	100	42	0	14	143	5	3	6	51	25	0	608	2250



ADJUSTED PEAK HOUR TRAFFIC VOLUMES													
Southbound			Vestboun	d	No	orthbour	nd	Eastbound					
Thru	Right	Left Thru Right		Left	Thru	Right	Left	Thru	Right				
562	21	60	382	168	60	556	25	28	193	78			
700			610			641			299				
Trucks: 0%		Trucks: 0%			Trucks: 0%			Trucks: 0%					
Peak Hour:		00 AM	9:00) AM	Peak Vol: 2250			PHF: 0.93					
	Thru 562 700	Thru Right 562 21 700 0%	Duthbound V Thru Right Left 562 21 60 700	Duthbound Westboun Thru Right Left Thru 562 21 60 382 700 610 Trucks:	Westbound Thru Right Left Thru Right 562 21 60 382 168 700 610 610 Trucks: 0%	Duthbound Westbound No Thru Right Left Thru Right Left Section 1 Right Left Left No Section 2 Right Left Accordance Section 3 Right Left Accordance Accordance	Outhbound Westbound Northbour Thru Right Left Thru Right Left Thru 562 21 60 382 168 60 556 700 610 641 0% Trucks: 0% Trucks:	Thru Right Left Thru Right Left Thru Right 562 21 60 382 168 60 556 25 700 610 641 641 0% Trucks: 0% Trucks: 0%	Duthbound Westbound Northbound E Thru Right Left Thru Right Left Thru Right Left 562 21 60 382 168 60 556 25 28 700 610 641	Duthbound Westbound Northbound Eastbound Thru Right Left Thru Right Left Thru Right Left Thru 562 21 60 382 168 60 556 25 28 193 700 610 641 299 0% Trucks: 0% Trucks:			

OPTIO	VAL
Adjustment F	actor
Monthly:	1.00
Daily:	1.00
Interval:	1.00
Count:	1.00
Total:	1

City: Pleasant Grove

N-S Street: State St

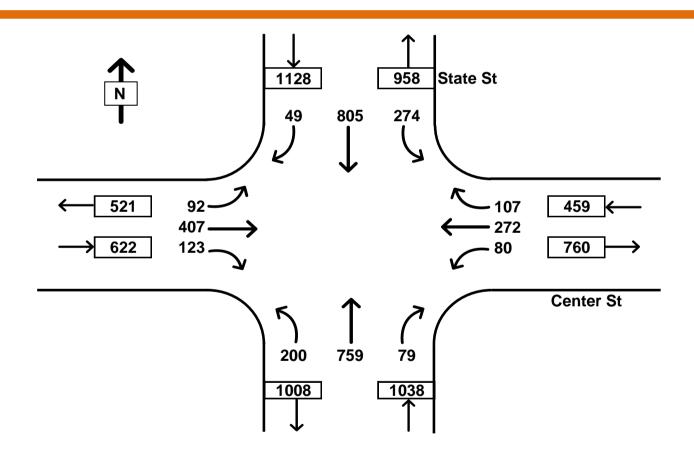
Date: **2/29/2022**

Begin Time: **04:00 PM**Interval Length: **15 min**

E-W Street: Center St



			S	В			٧	/B			N	IB			E	В			
Time I	nterval	Left	Thru	Right	Peds	Total	Hourly												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All Moves	Totals
04:00 PM	04:15 PM	63	166	14	2	19	68	47	0	35	180	13	4	13	84	34	0	736	
04:15 PM	04:30 PM	57	187	9	0	17	84	32	1	37	180	10	2	18	119	25	0	775	
04:30 PM	04:45 PM	74	172	9	2	17	77	28	2	45	186	24	1	32	101	33	1	798	
04:45 PM	05:00 PM	73	215	10	0	22	67	20	0	58	188	15	2	22	91	22	0	803	3112
05:00 PM	05:15 PM	59	204	12	0	22	66	32	0	53	181	24	0	20	101	28	0	802	3178
05:15 PM	05:30 PM	68	214	18	0	19	62	27	0	44	204	16	0	18	114	40	0	844	3247
05:30 PM	05:45 PM	71	201	16	1	23	67	19	1	27	154	21	2	21	114	29	0	763	3212
05:45 PM	06:00 PM	64	190	13	0	29	65	36	0	39	179	21	1	16	108	39	1	799	3208



	ADJUSTED PEAK HOUR TRAFFIC VOLUMES													
S	outhbour	nd	٧	Vestboun	ıd	No	orthbour	nd	E	astboun	d			
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right			
274	805	49	80	272	107	200	759	79	92	407	123			
	1128			459			1038			622				
Trucks:		0%	Trucks:		0%	Trucks:		0%	Trucks:		0%			
Peak Ho	Peak Hour: 4:30			30:00 PM 5:30 PM I				3247	PHF:		0.96			

OPTION	NAL
Adjustment Fa	actor
Monthly:	1.00
Daily:	1.00
Interval:	1.00
Count:	1.00
Total:	1

City: Pleasant Grove

N-S Street: 600 W

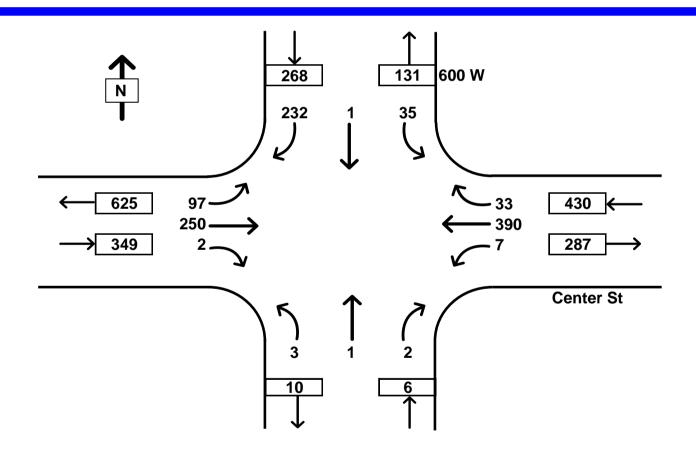
E-W Street: Center St

Date: Tuesday, March 8, 2022

Begin Time: **07:00 AM**Interval Length: **15 min**



			S	В			٧	VB			N	IB			E	В			
Time I	nterval	Left	Thru	Right	Peds	Total	Hourly												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All Moves	Totals
07:00 AM	07:15 AM	5	1	58	0	1	72	3	0	0	2	1	0	15	28	0	0	186	
07:15 AM	07:30 AM	11	0	50	0	3	70	5	0	0	0	2	0	25	37	0	0	203	
07:30 AM	07:45 AM	5	1	64	0	2	72	4	0	0	0	0	0	21	61	0	0	230	
07:45 AM	08:00 AM	8	0	62	0	3	115	14	0	1	0	0	0	24	70	0	0	297	916
08:00 AM	08:15 AM	13	0	57	0	1	101	9	0	1	0	1	0	26	55	2	0	266	996
08:15 AM	08:30 AM	9	0	49	0	1	102	6	0	1	1	1	0	26	64	0	0	260	1053
08:30 AM	08:45 AM	7	0	48	0	1	76	4	0	0	1	1	0	40	42	0	0	220	1043
08:45 AM	09:00 AM	8	0	75	1	0	93	3	0	0	2	1	0	29	53	1	0	265	1011



	ADJUSTED PEAK HOUR TRAFFIC VOLUMES													
S	outhbour	nd	٧	Vestboun	d	N	orthbour	nd	E	astboun	d			
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right			
35	1	232	7	390	33	3	1	2	97	250	2			
	268			430			6			349				
Trucks:		0%	0% Trucks : 0%			Trucks: 0°			Trucks:		0%			
Peak Ho	Peak Hour: 7:30			8:30) AM	Peak Vo	l:	1053	PHF:		0.89			

OPTIO	VAL
Adjustment F	actor
Monthly:	1.00
Daily:	1.00
Interval:	1.00
Count:	1.00
Total:	1

City: Pleasant Grove

N-S Street: 600 W

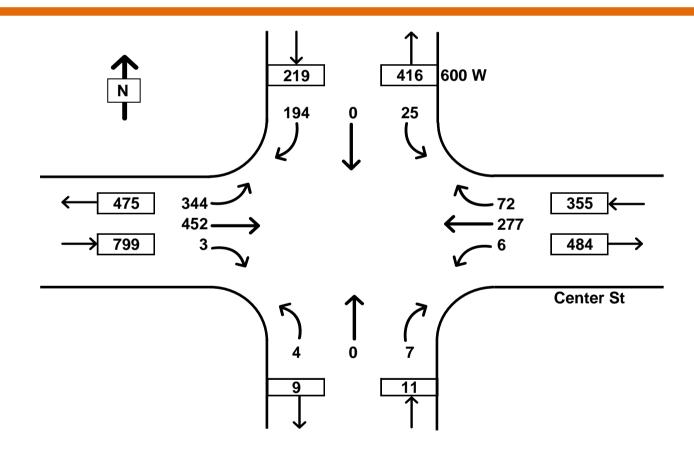
E-W Street: Center St

Date: Tuesday, March 8, 2022

Begin Time: **04:00 PM**Interval Length: **15 min**



			S	В			٧	/B			N	IB			E	В			
Time I	nterval	Left	Thru	Right	Peds	Total	Hourly												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All Moves	Totals
04:00 PM	04:15 PM	13	0	53	0	0	84	11	0	1	0	3	0	66	100	0	1	331	
04:15 PM	04:30 PM	6	0	62	0	0	75	12	0	0	0	0	0	81	112	0	0	348	
04:30 PM	04:45 PM	5	0	47	0	1	79	14	0	1	0	5	0	84	115	0	0	351	
04:45 PM	05:00 PM	6	0	56	0	3	75	21	0	1	0	2	0	86	102	1	0	353	1383
05:00 PM	05:15 PM	8	0	49	0	1	68	11	0	2	0	3	0	78	108	1	0	329	1381
05:15 PM	05:30 PM	6	0	43	0	1	65	23	0	0	0	2	0	88	121	0	0	349	1382
05:30 PM	05:45 PM	5	0	46	0	1	69	17	0	1	0	0	0	92	121	1	0	353	1384
05:45 PM	06:00 PM	8	1	55	0	3	63	21	0	1	1	1	0	82	110	0	0	346	1377



	ADJUSTED PEAK HOUR TRAFFIC VOLUMES													
S	outhbour	nd	V	Vestboun	d	N	orthbour	nd	E	astboun	d			
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right			
25	0	194	6	277	72	4	0	7	344	452	3			
	219			355			11			799				
Trucks:		0%	% Trucks: 0			Trucks:		0%	Trucks:		0%			
Peak Ho	Peak Hour: 4:45			5:00 PM 5:45 PM				1384	PHF:		0.98			

OPTION	IAL
Adjustment Fa	actor
Monthly:	1.00
Daily:	1.00
Interval:	1.00
Count:	1.00
Total:	1

City: Pleasant Grove

N-S Street: 600 W

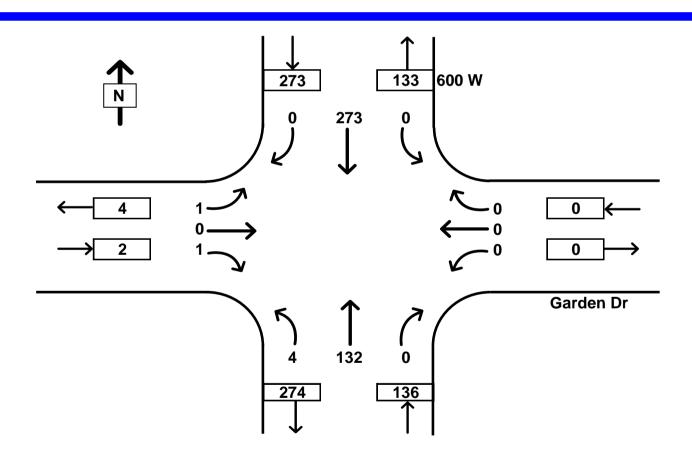
E-W Street: Garden Dr

Date: Tuesday, March 8, 2022

Begin Time: **07:00 AM**Interval Length: **15 min**



			SB Left Thru Right Peds				V	VB			N	IB			E	В			
Time In	iterval	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Total	Hourly
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All Moves	Totals
07:00 AM	07:15 AM	0	62	0	0	0	0	0	0	0	21	0	0	0	0	0	0	83	
07:15 AM	07:30 AM	0	65	0	0	0	0	0	0	0	28	0	0	0	0	0	0	93	
07:30 AM	07:45 AM	0	66	0	0	0	0	0	0	0	21	0	0	0	0	0	0	87	
07:45 AM	08:00 AM	0	70	0	0	0	0	0	0	0	38	0	0	0	0	0	0	108	371
08:00 AM	08:15 AM	0	73	0	0	0	0	0	0	0	32	0	0	1	0	1	0	107	395
08:15 AM	08:30 AM	0	58	0	0	0	0	0	0	0	33	0	0	0	0	0	0	91	393
08:30 AM	08:45 AM	0	61	0	0	0	0	0	0	2	37	0	0	0	0	0	0	100	406
08:45 AM	09:00 AM	0	81	0	0	0	0	0	0	2	30	0	0	0	0	0	0	113	411



	ADJUSTED PEAK HOUR TRAFFIC VOLUMES													
S	outhbour	nd	٧	Vestboun	d	No	orthbour	nd	E	astboun	d			
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right			
0	273	0	0	0	0	4	132	0	1	0	1			
	273			0			136			2				
Trucks:		0%	Trucks:		0%	Trucks:		0%	Trucks:		0%			
Peak Ho	eak Hour: 8:00			00:00 AM 9:00 AM F				411	PHF:		0.91			

OPTIO	OPTIONAL									
Adjustment F	actor									
Monthly:	1.00									
Daily:	1.00									
Interval:	1.00									
Count:	1.00									
Total:	1									

City: Pleasant Grove

N-S Street: 600 W

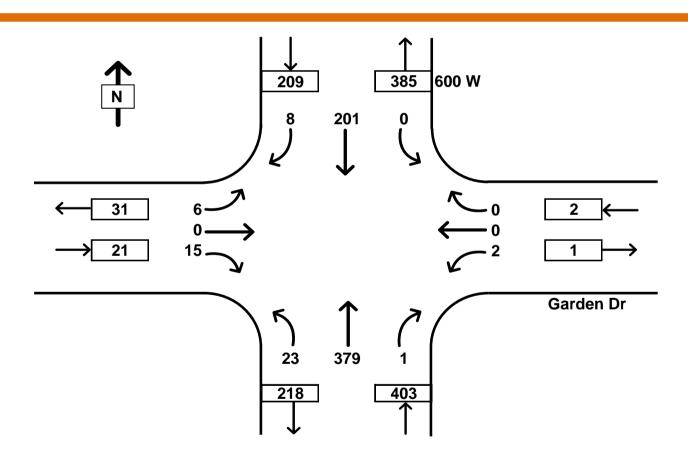
E-W Street: Garden Dr

Date: Tuesday, March 8, 2022

Begin Time: **04:00 PM**Interval Length: **15 min**



			S	В		WB				NB					E				
Time I	nterval	Left	Thru	Right	Peds	Total	Hourly												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All Moves	Totals
04:00 PM	04:15 PM	2	63	0	0	0	0	1	0	1	72	0	0	2	0	0	1	141	
04:15 PM	04:30 PM	0	62	3	0	0	0	0	0	5	80	0	0	0	0	1	1	151	
04:30 PM	04:45 PM	1	48	1	0	0	0	0	0	10	83	1	0	1	0	1	0	146	
04:45 PM	05:00 PM	0	63	2	0	0	0	1	0	6	89	0	0	0	0	0	0	161	599
05:00 PM	05:15 PM	0	54	2	0	1	0	0	0	3	84	1	0	1	0	1	0	147	605
05:15 PM	05:30 PM	0	43	0	0	0	0	0	0	0	104	0	0	2	0	1	0	150	604
05:30 PM	05:45 PM	0	46	3	0	1	0	0	0	6	96	0	0	3	0	4	0	159	617
05:45 PM	06:00 PM	0	58	3	2	0	0	0	0	14	95	0	0	0	0	9	0	179	635



	ADJUSTED PEAK HOUR TRAFFIC VOLUMES											
S	Southbound Westbound						orthbour	nd	Eastbound			
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
0	201	8	2	0	0	23	379	1	6	0	15	
	209			2			403		21			
Trucks:	rucks: 1% Trucks: 0%				Trucks:		0%	Trucks:		0%		
Peak Ho	eak Hour: 5:00:00 PM 6:00 PM) PM	Peak Vol:		635	PHF:		0.89	

OPTIONAL									
Adjustment Factor									
Monthly:	1.00								
Daily:	1.00								
Interval:	1.00								
Count:	1.00								
Total:	1								

City: Pleasant Grove

N-S Street: 200 W

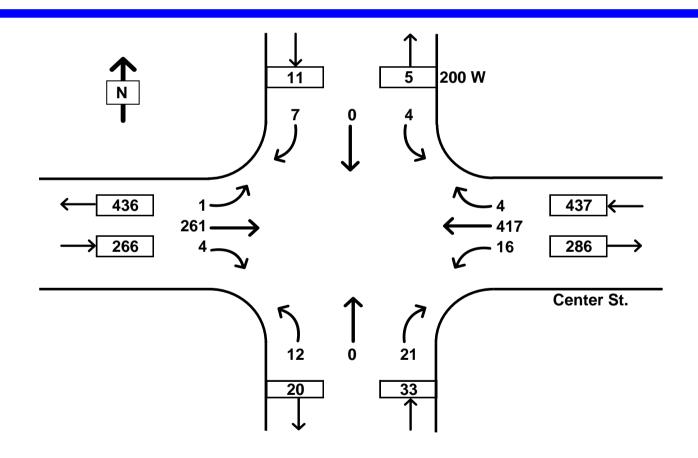
E-W Street: Center St.

Date: Tuesday, March 8, 2022

Begin Time: **07:00 AM**Interval Length: **15 min**



			S	B		WB				NB				EB					
Time I	nterval	Left	Thru	Right	Peds	Total	Hourly												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All Moves	Totals
07:00 AM	07:15 AM	4	0	3	0	1	67	1	0	7	1	3	0	0	37	3	0	127	
07:15 AM	07:30 AM	4	0	2	0	2	61	1	0	5	0	4	0	1	46	1	0	127	
07:30 AM	07:45 AM	2	0	1	0	3	79	0	0	3	0	5	2	0	60	1	0	154	
07:45 AM	08:00 AM	1	0	2	0	7	127	0	0	2	0	10	0	1	75	1	0	226	634
08:00 AM	08:15 AM	0	0	1	0	2	109	2	0	2	0	5	0	0	60	0	0	181	688
08:15 AM	08:30 AM	1	0	3	0	4	102	2	0	5	0	1	0	0	66	2	0	186	747
08:30 AM	08:45 AM	2	0	1	1	0	74	1	0	2	0	3	0	1	47	0	0	131	724
08:45 AM	09:00 AM	2	0	1	0	2	82	2	0	6	0	4	0	1	57	0	0	157	655



	ADJUSTED PEAK HOUR TRAFFIC VOLUMES											
S	outhbour	nd	٧	/estboun	d	N ₁	orthbour	nd	Eastbound			
Left	Thru	Right	Left	Thru	Right	Left	Thru	Thru Right		Thru	Right	
4	4 0 7 16 417 4						0	21	1	261	4	
	11			437			33		266			
Trucks: 0% Trucks:					0%	Trucks:		6%	Trucks:		0%	
Peak Ho	ak Hour: 7:30:00 AM 8:30 AM				Peak Vol	:	747	PHF:		0.83		

Ol	OPTIONAL									
Adjustm	ent Factor									
Monthly:	1.00									
Daily:	1.00									
Interval:	1.00									
Count:	1.00									
Total:	1									

City: Pleasant Grove

N-S Street: 200 W

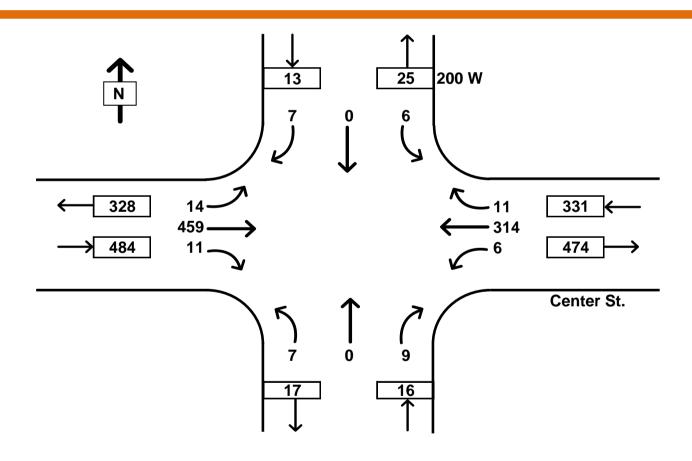
E-W Street: Center St.

Date: Tuesday, March 8, 2022

Begin Time: **04:00 PM**Interval Length: **15 min**



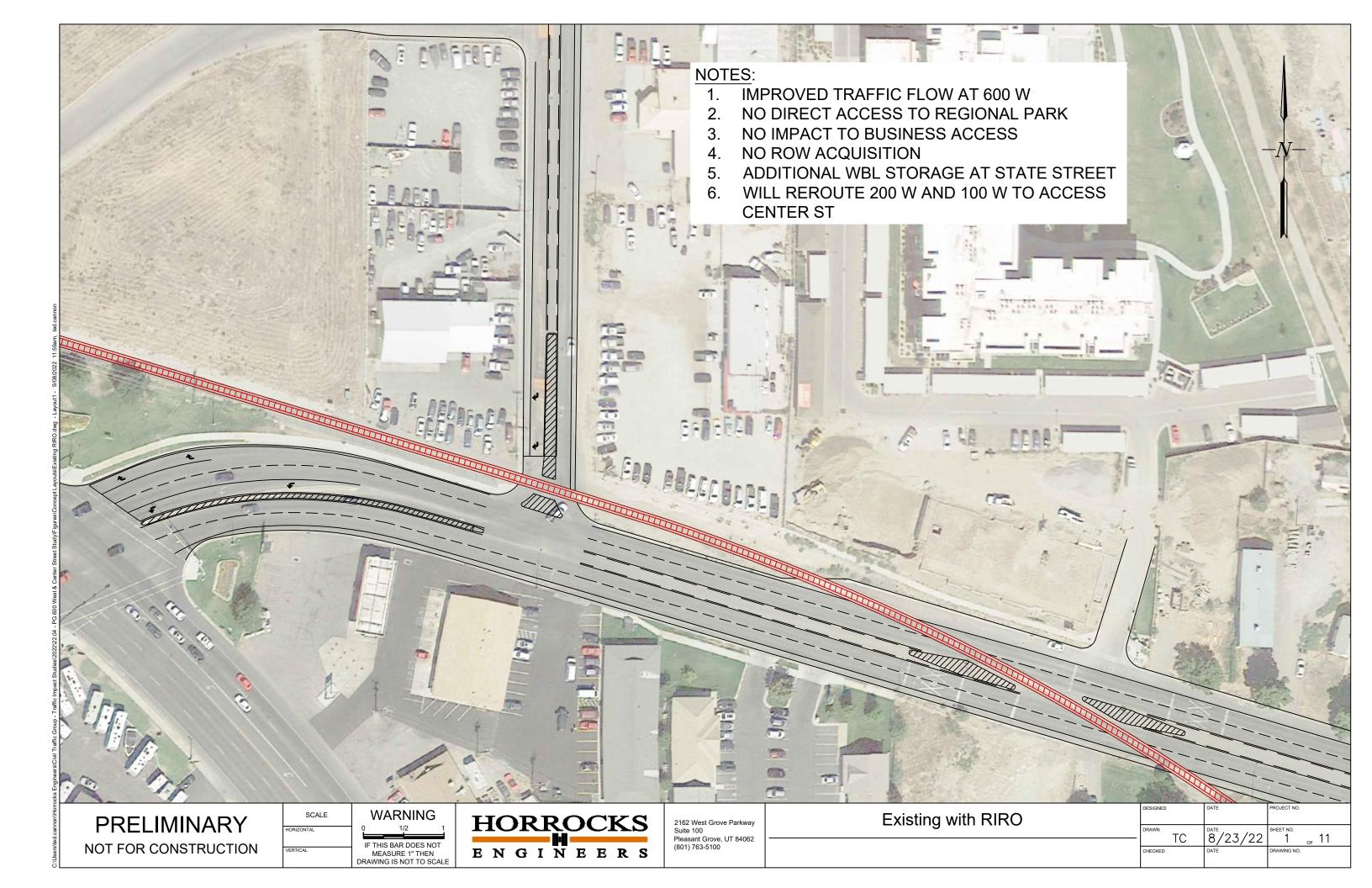
			S	В			٧	VB			N	IB			E	В			
Time I	nterval	Left	Thru	Right	Peds	Total	Hourly												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All Moves	Totals
04:00 PM	04:15 PM	0	0	0	0	0	86	3	0	0	0	2	0	2	111	0	0	204	
04:15 PM	04:30 PM	0	0	1	0	3	78	2	0	2	0	5	0	2	102	6	0	201	
04:30 PM	04:45 PM	1	0	2	0	2	84	2	0	1	0	5	0	3	119	1	0	220	
04:45 PM	05:00 PM	2	0	0	0	1	91	1	0	1	0	1	2	1	97	2	0	197	822
05:00 PM	05:15 PM	3	0	2	0	2	75	1	0	1	0	4	1	5	110	5	0	208	826
05:15 PM	05:30 PM	1	0	1	0	2	80	3	0	2	0	0	0	2	126	1	0	218	843
05:30 PM	05:45 PM	0	0	1	0	0	78	1	0	2	0	2	2	3	104	1	0	192	815
05:45 PM	06:00 PM	2	0	3	0	2	81	6	0	2	0	3	0	4	119	4	0	226	844

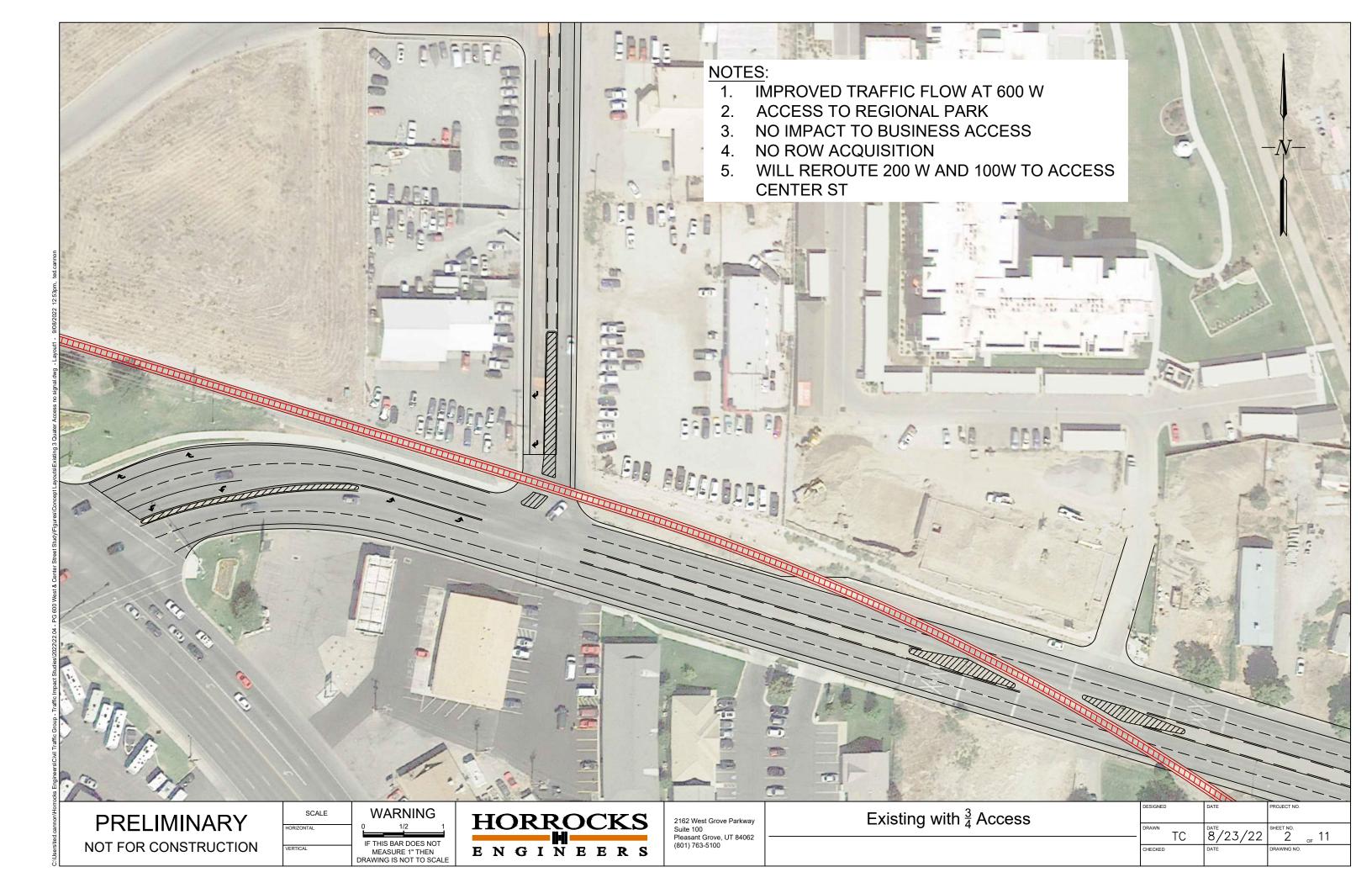


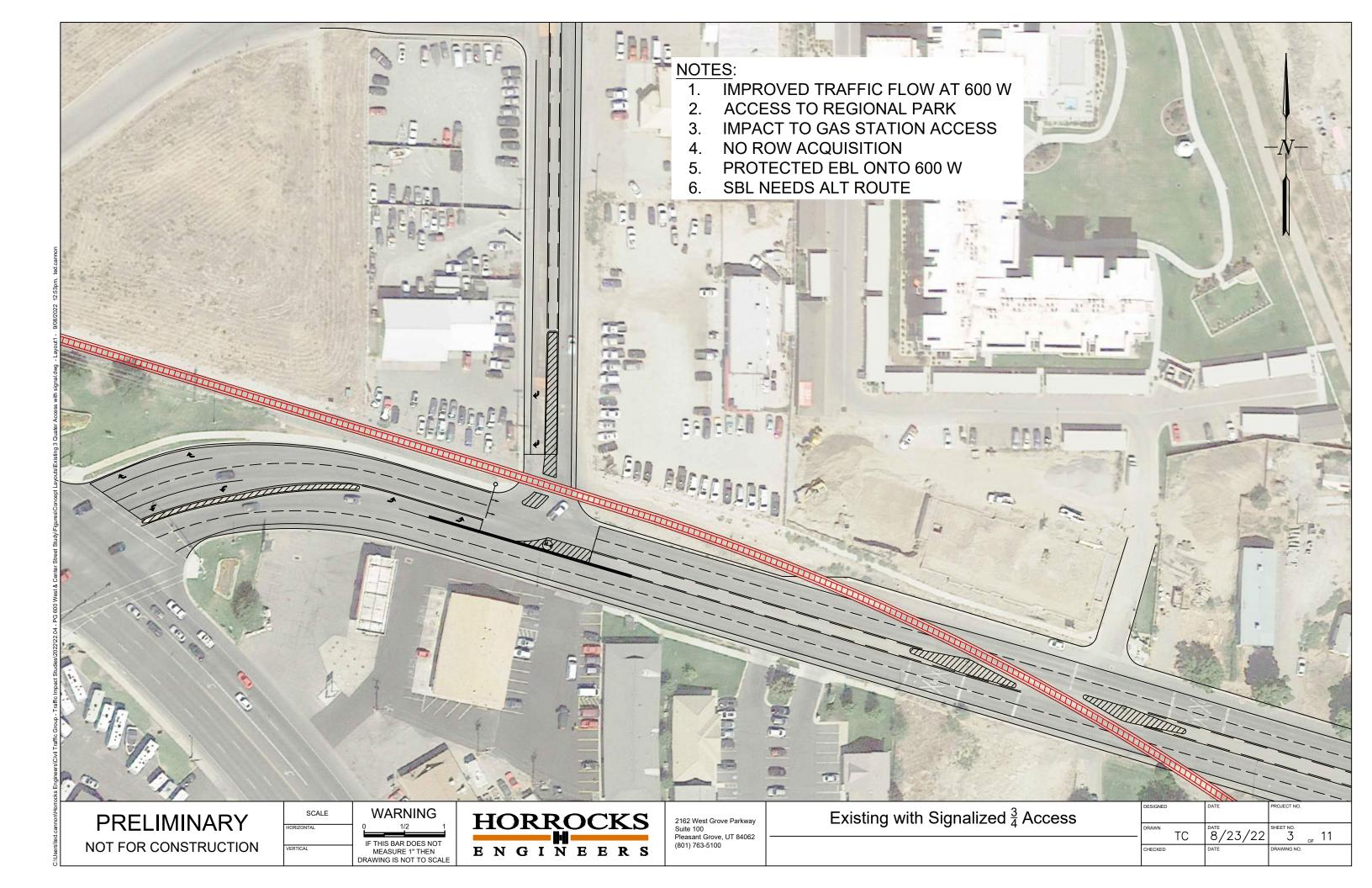
	ADJUSTED PEAK HOUR TRAFFIC VOLUMES												
S	Southbound Westbound						orthbour	nd	E	Eastbound			
Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right		
6	0	7	6	314	11	7	0	9	14	459	11		
	13			331			16		484				
Trucks:		0%	Trucks:		0%	Trucks:		19%	Trucks:		0%		
Peak Ho	ur:	5:00:0	00 PM	6:00	PM	Peak Vol	:	844	PHF:		0.93		

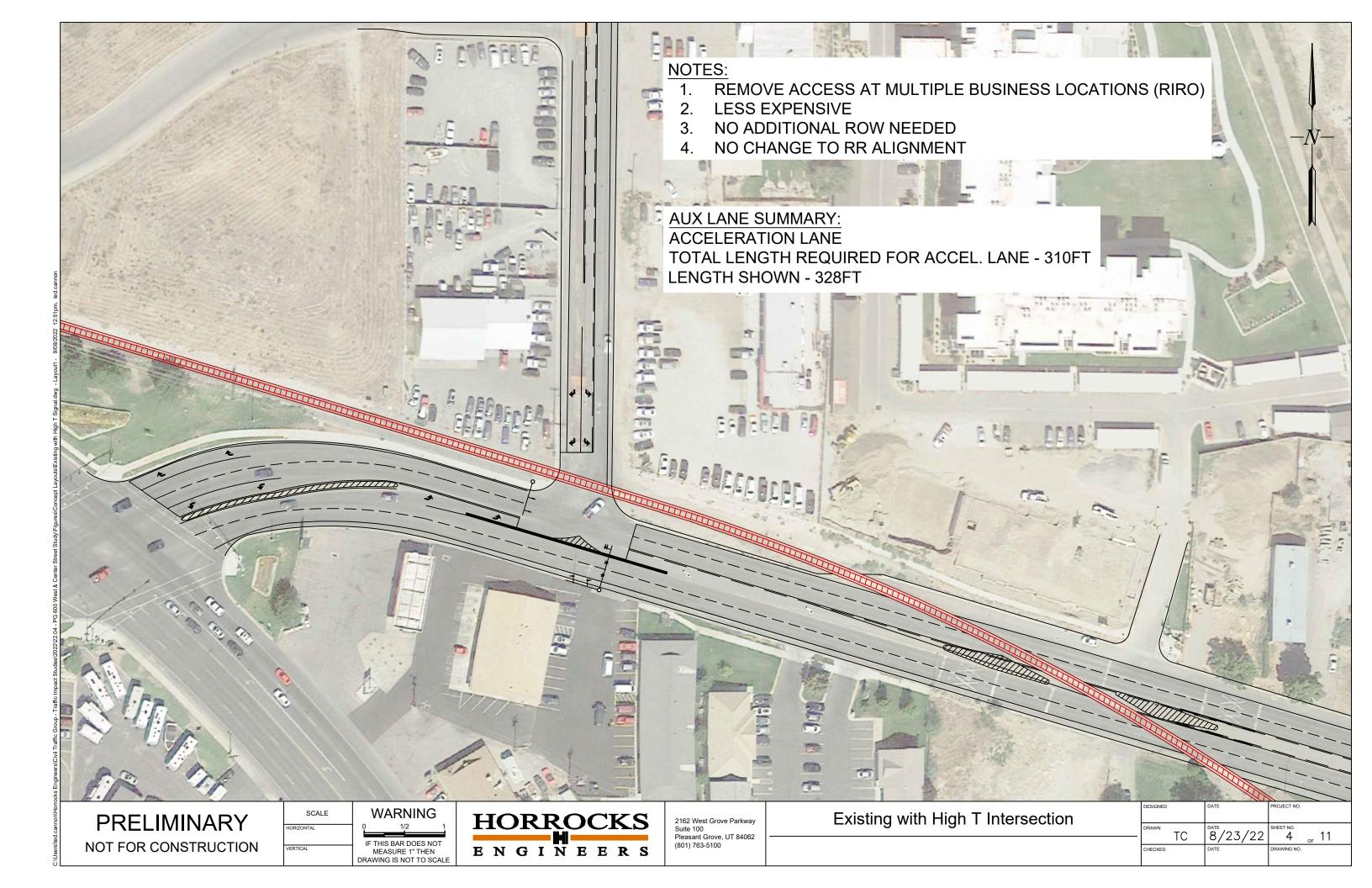
OPTIONAL									
Adjustment Factor									
Monthly:	1.00								
Daily:	1.00								
Interval:	1.00								
Count:	1.00								
Total:	1								

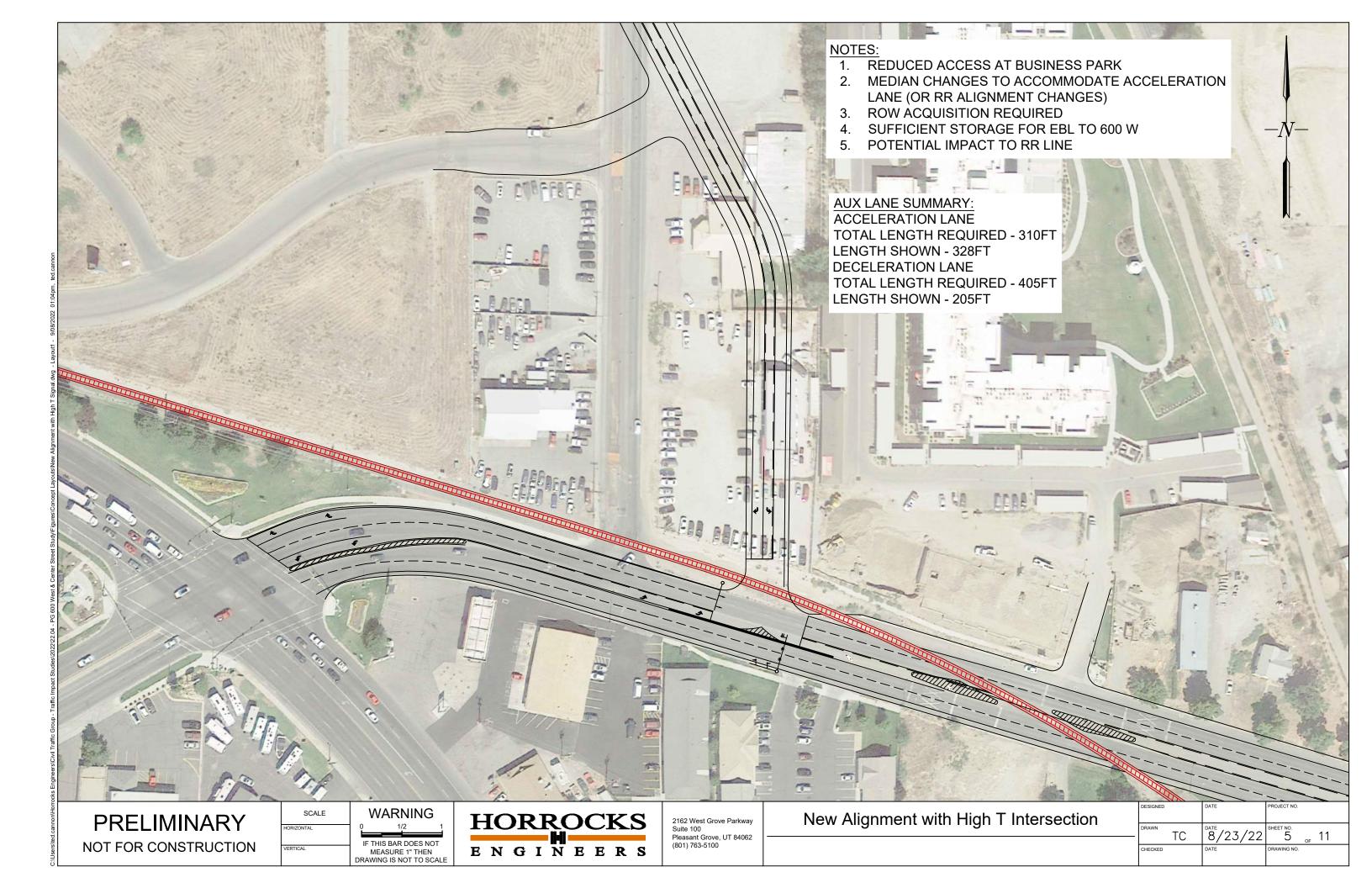
Appendix B: 12 Initial Concepts

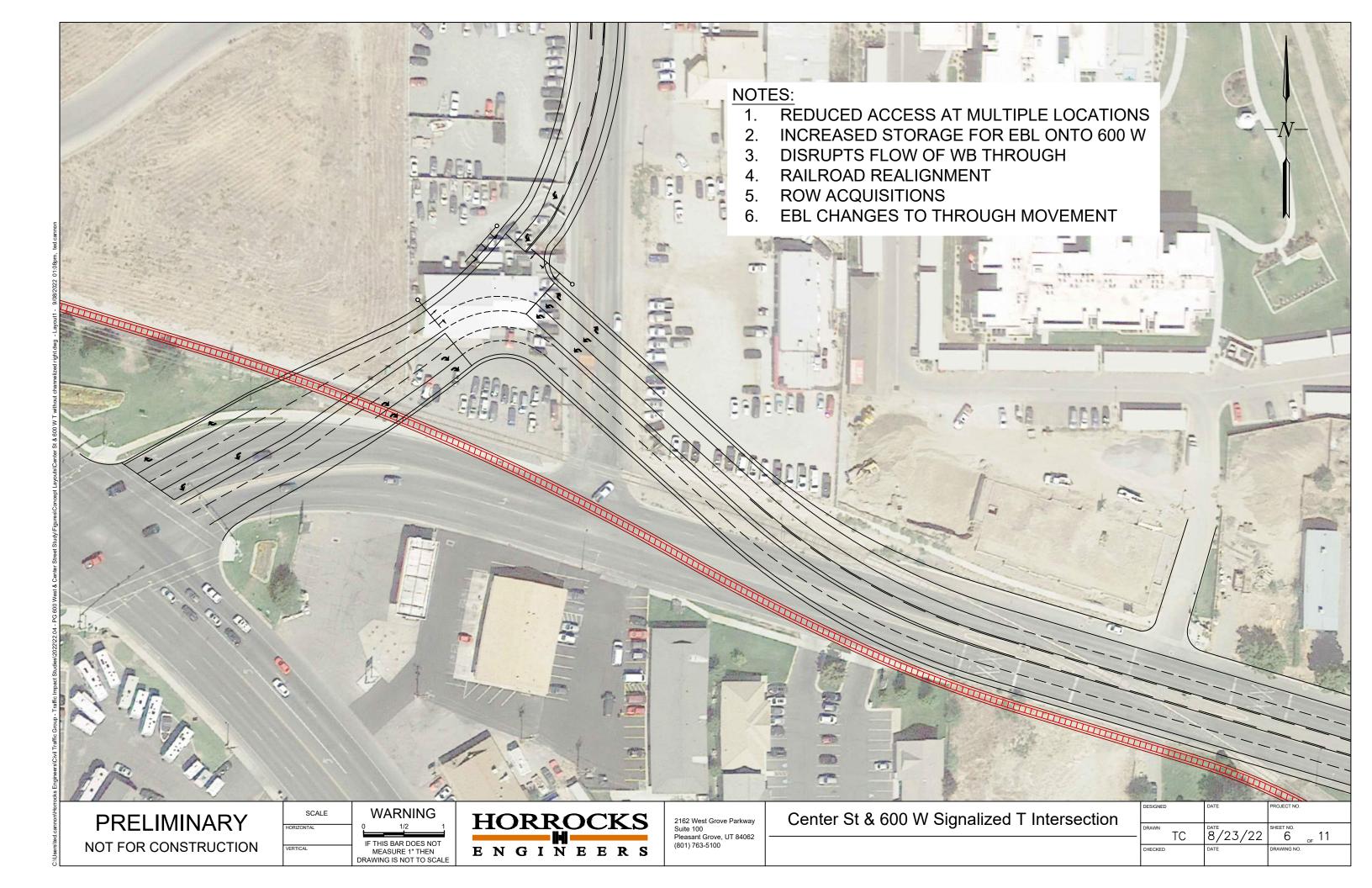


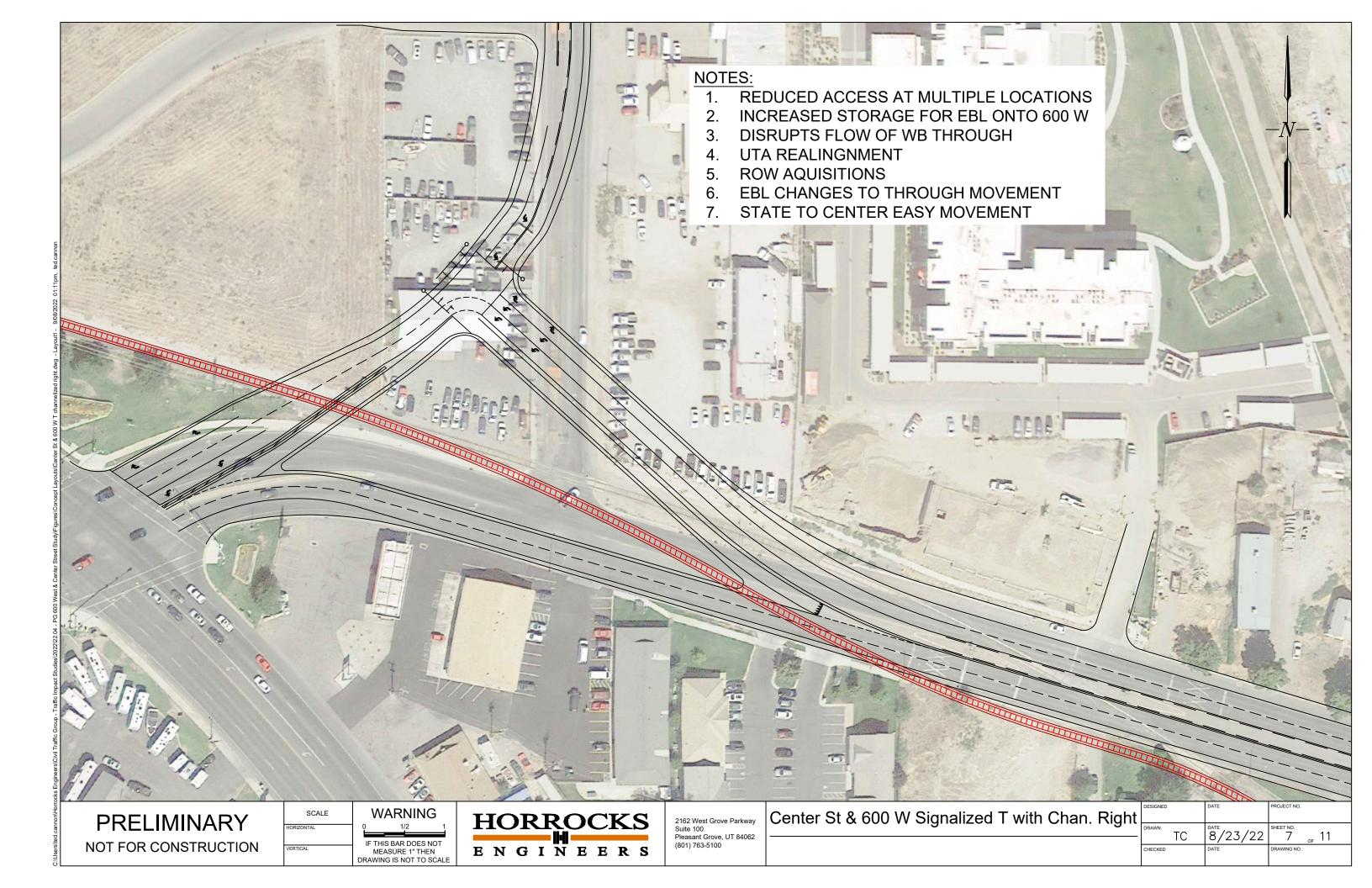


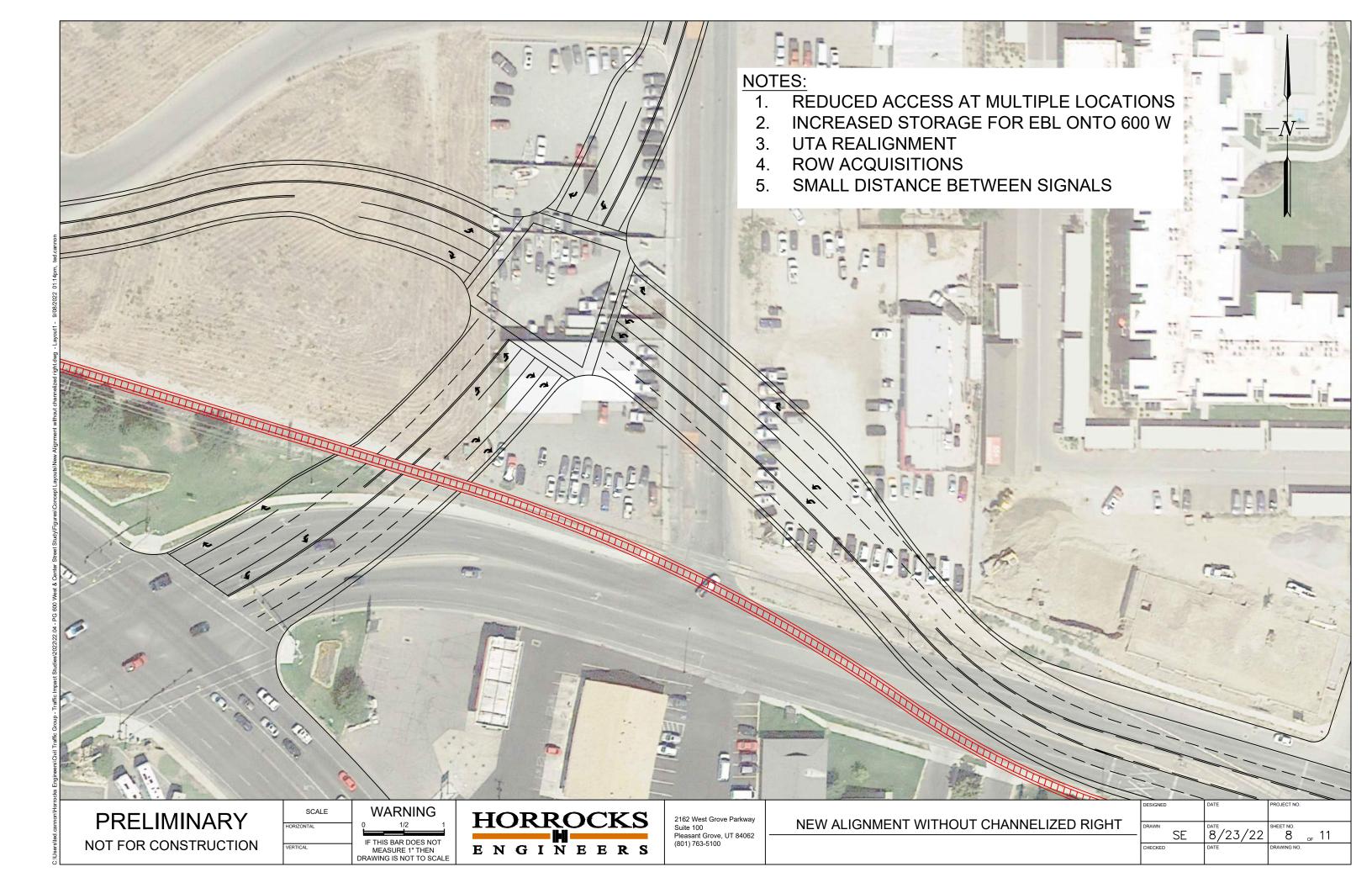


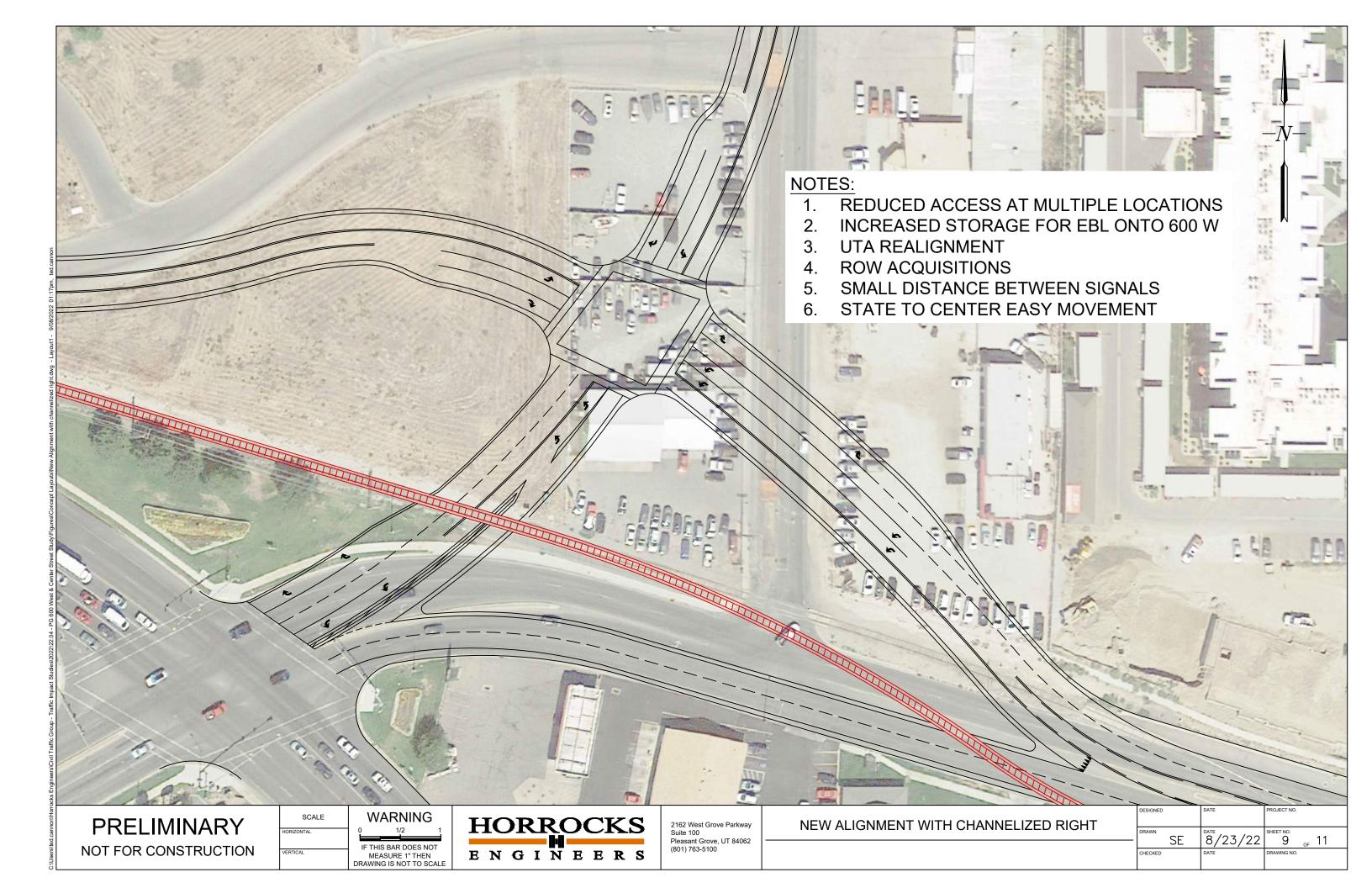


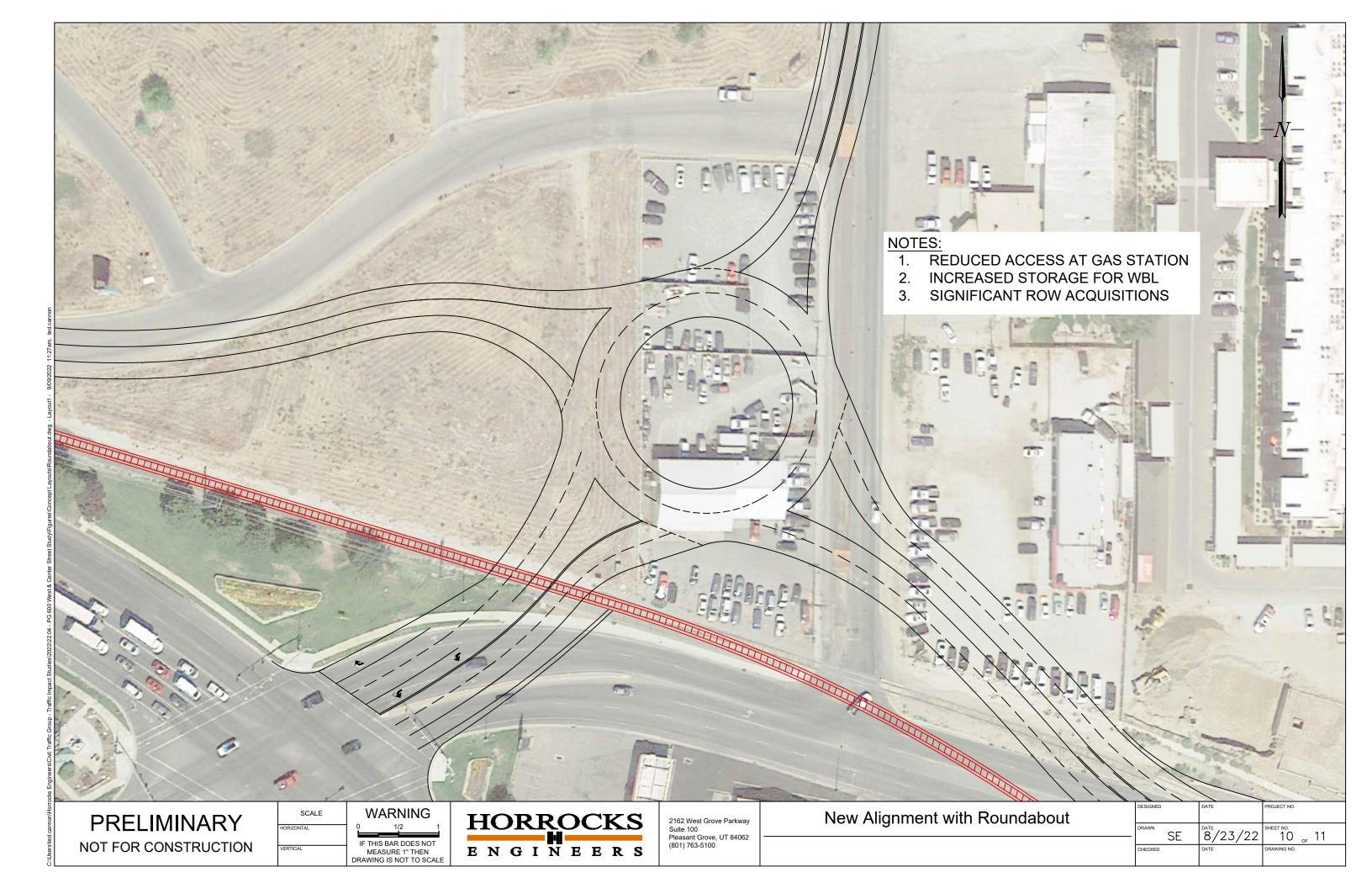


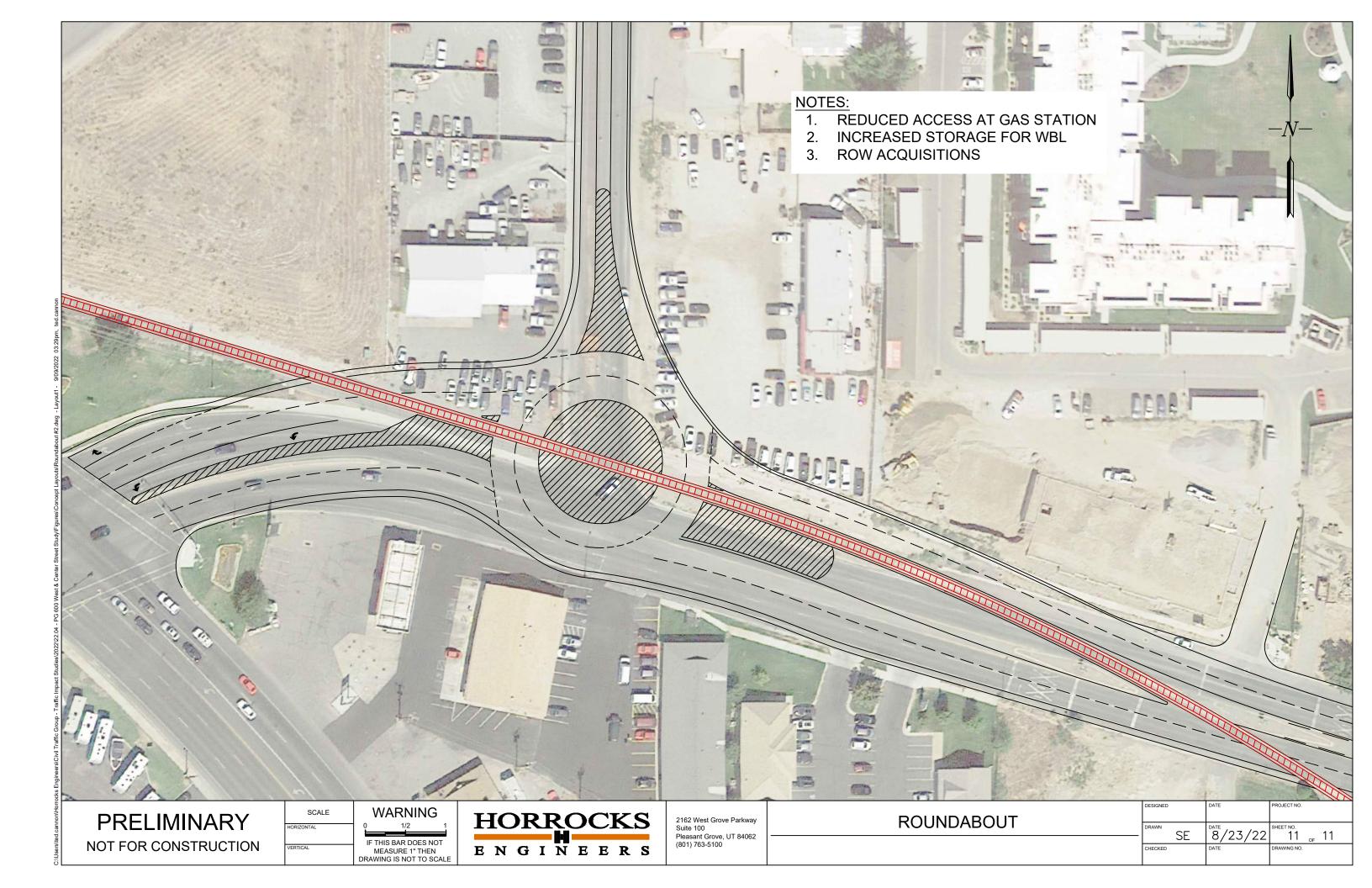


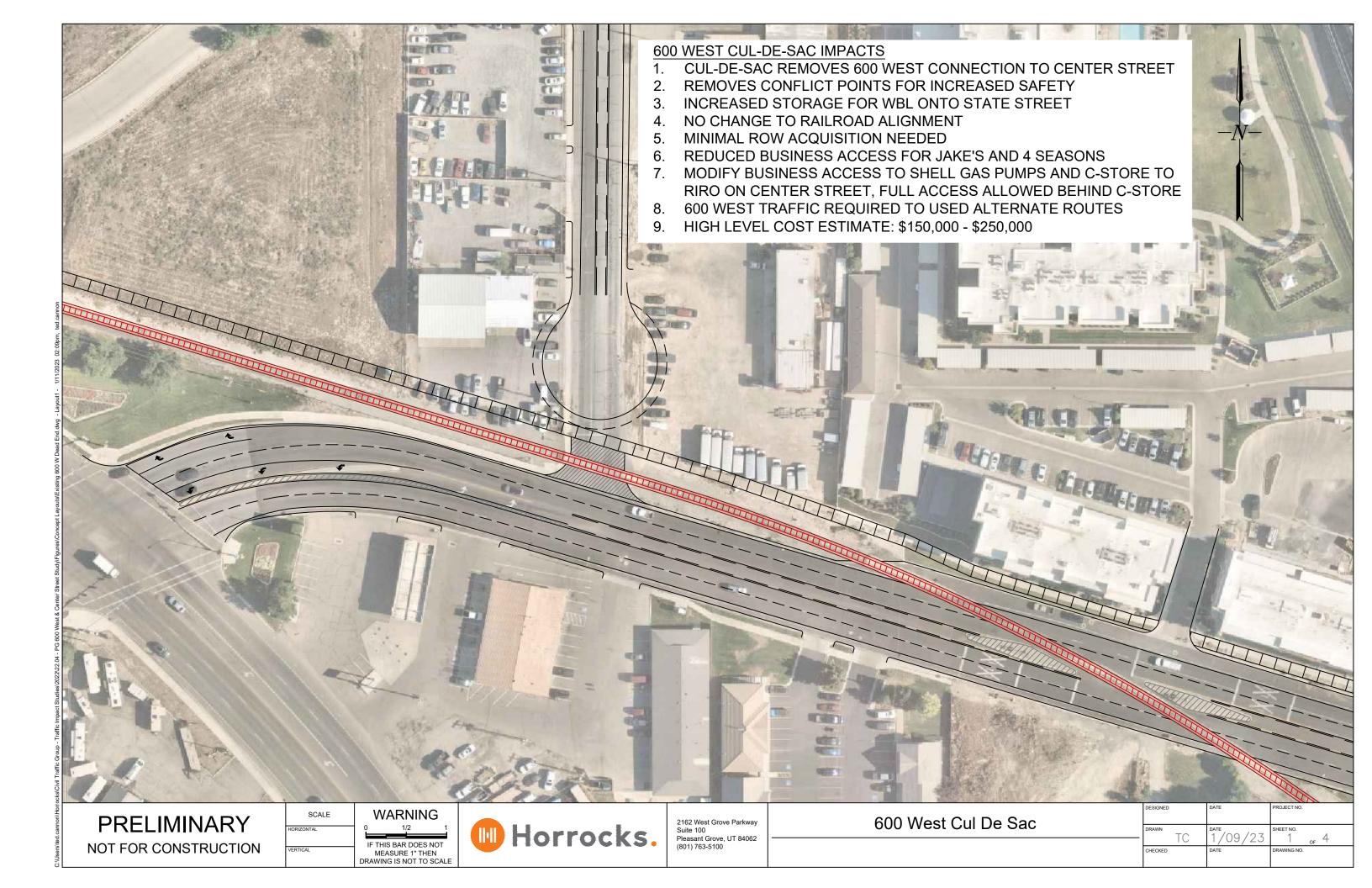




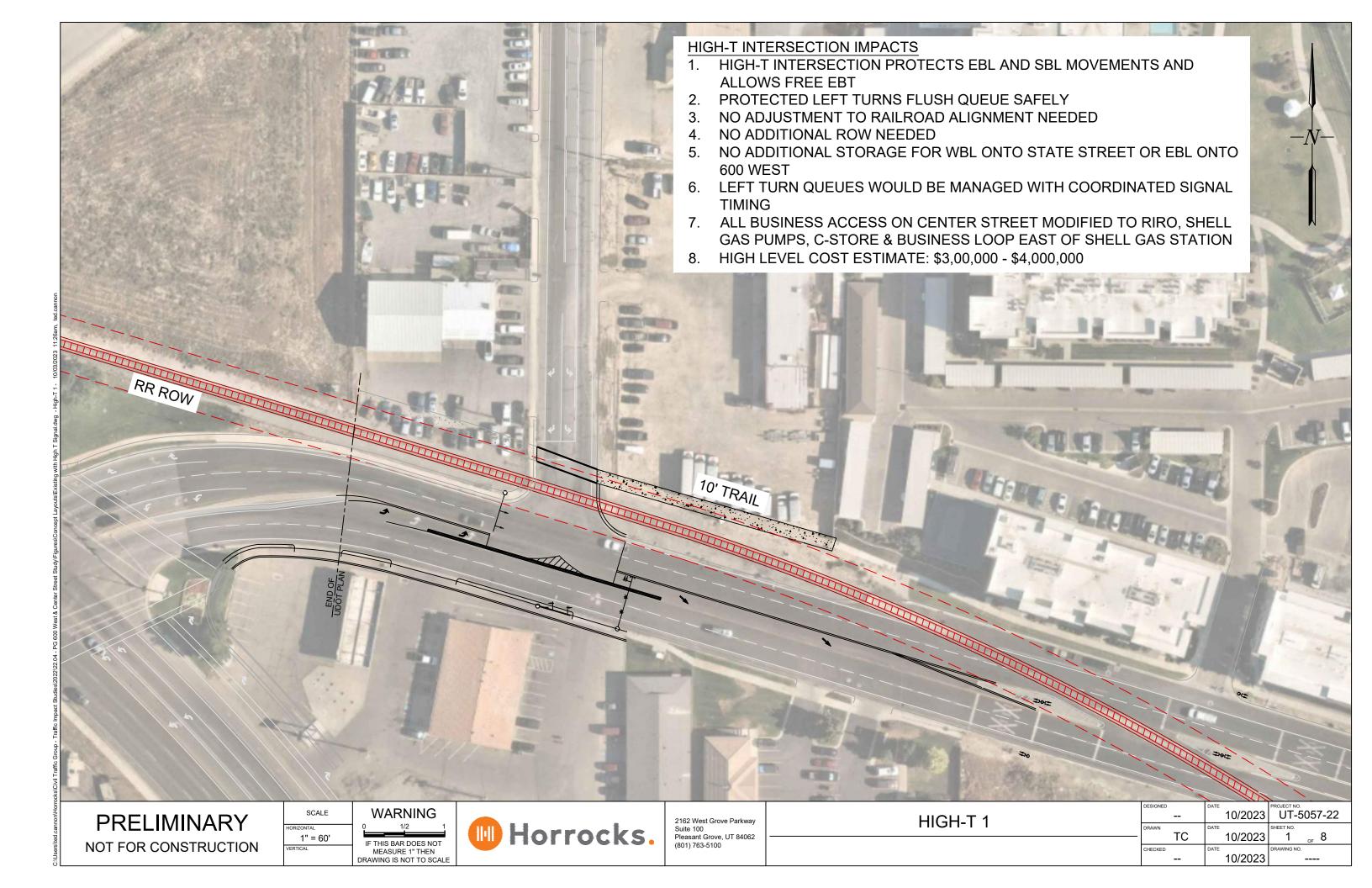


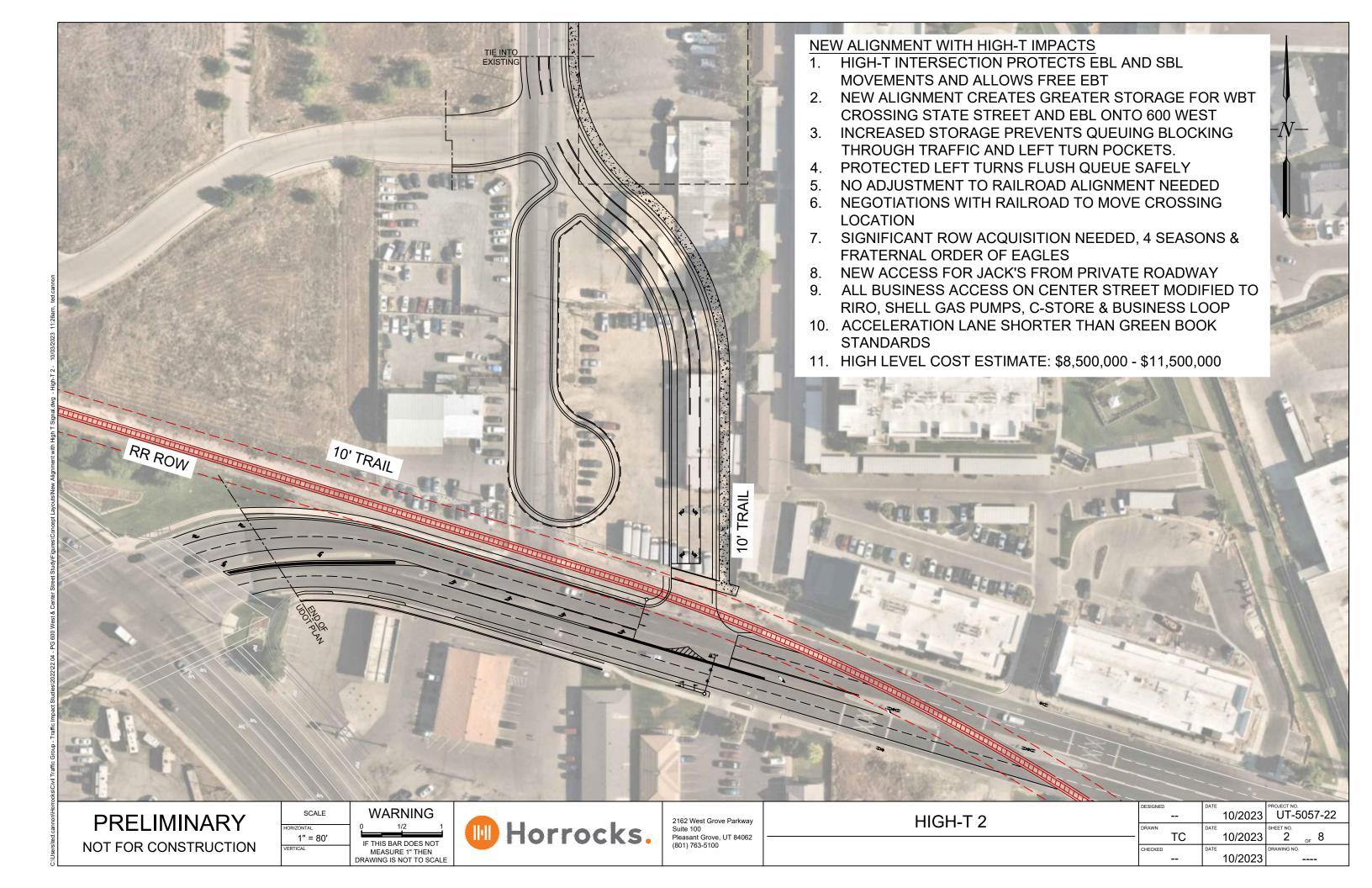


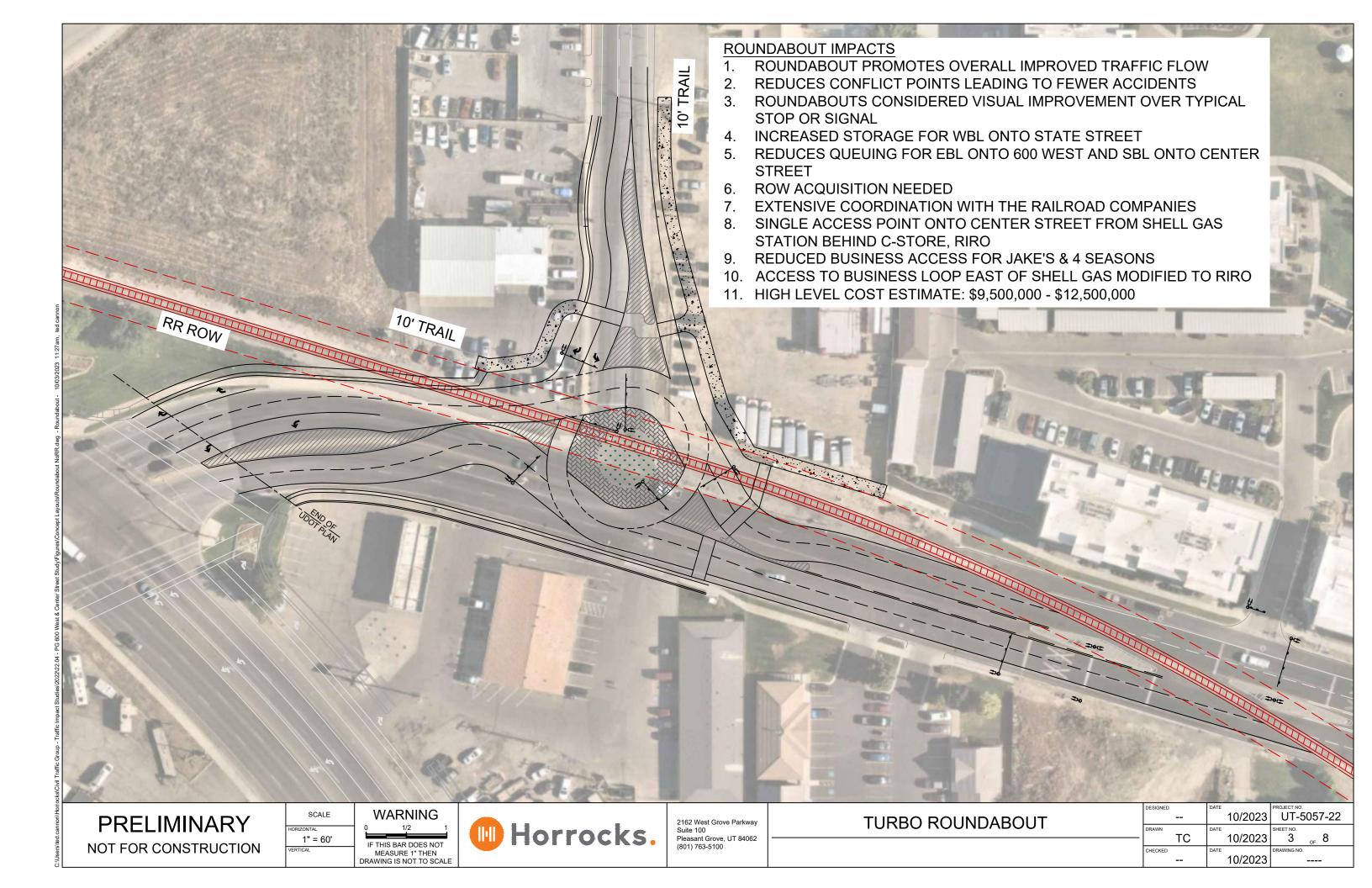


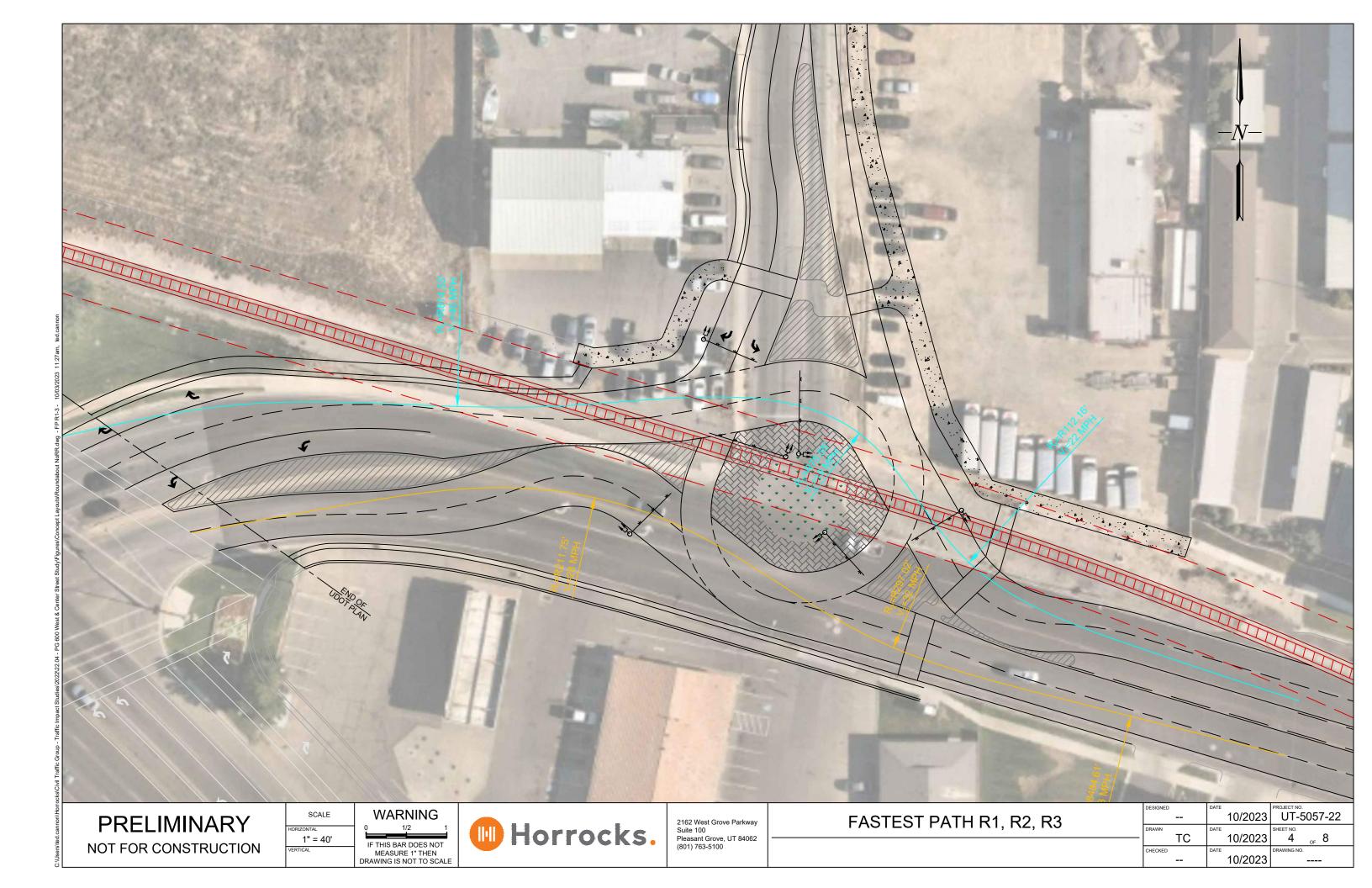


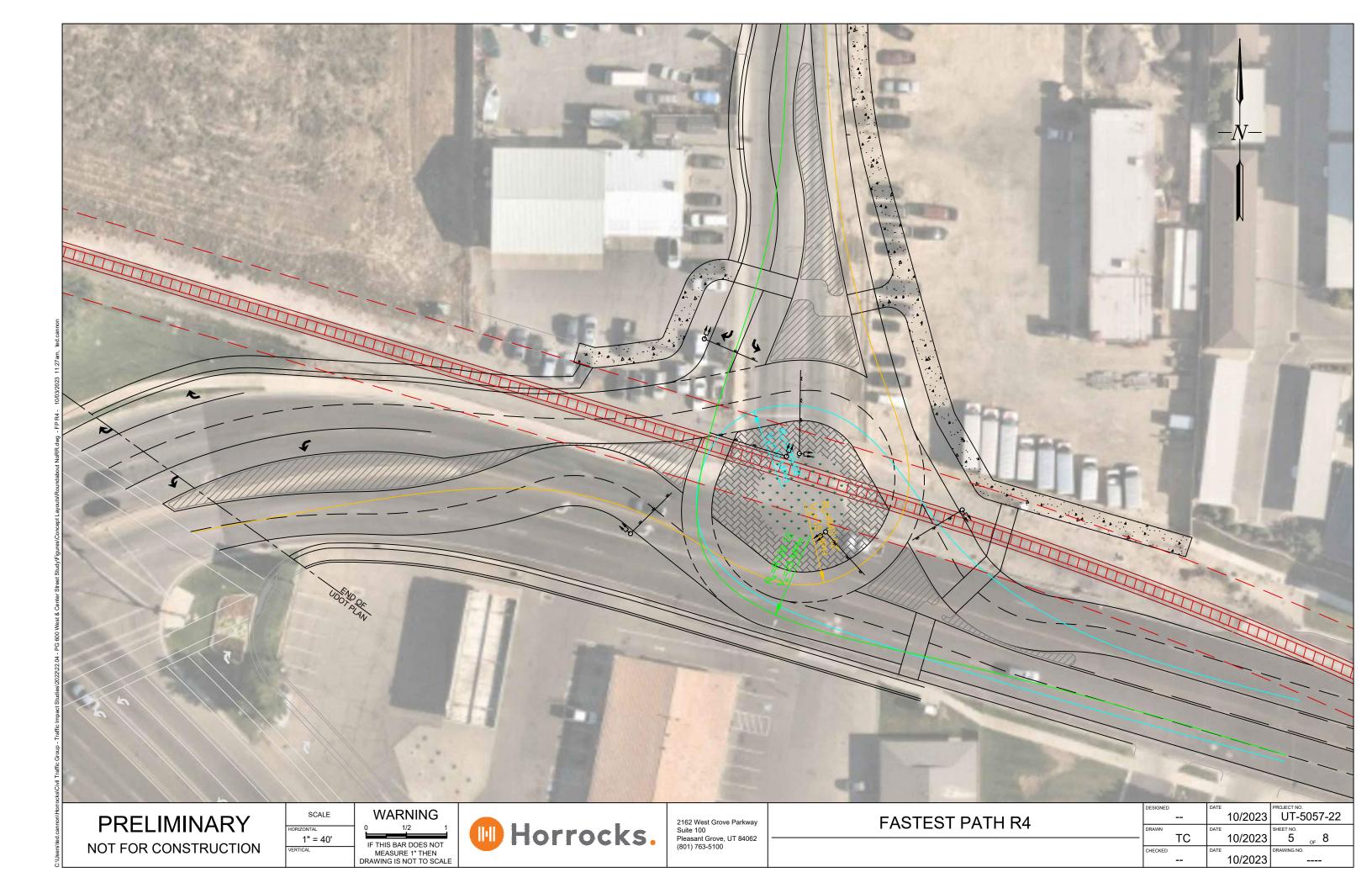
Appendix C: 3 Analyzed Concepts

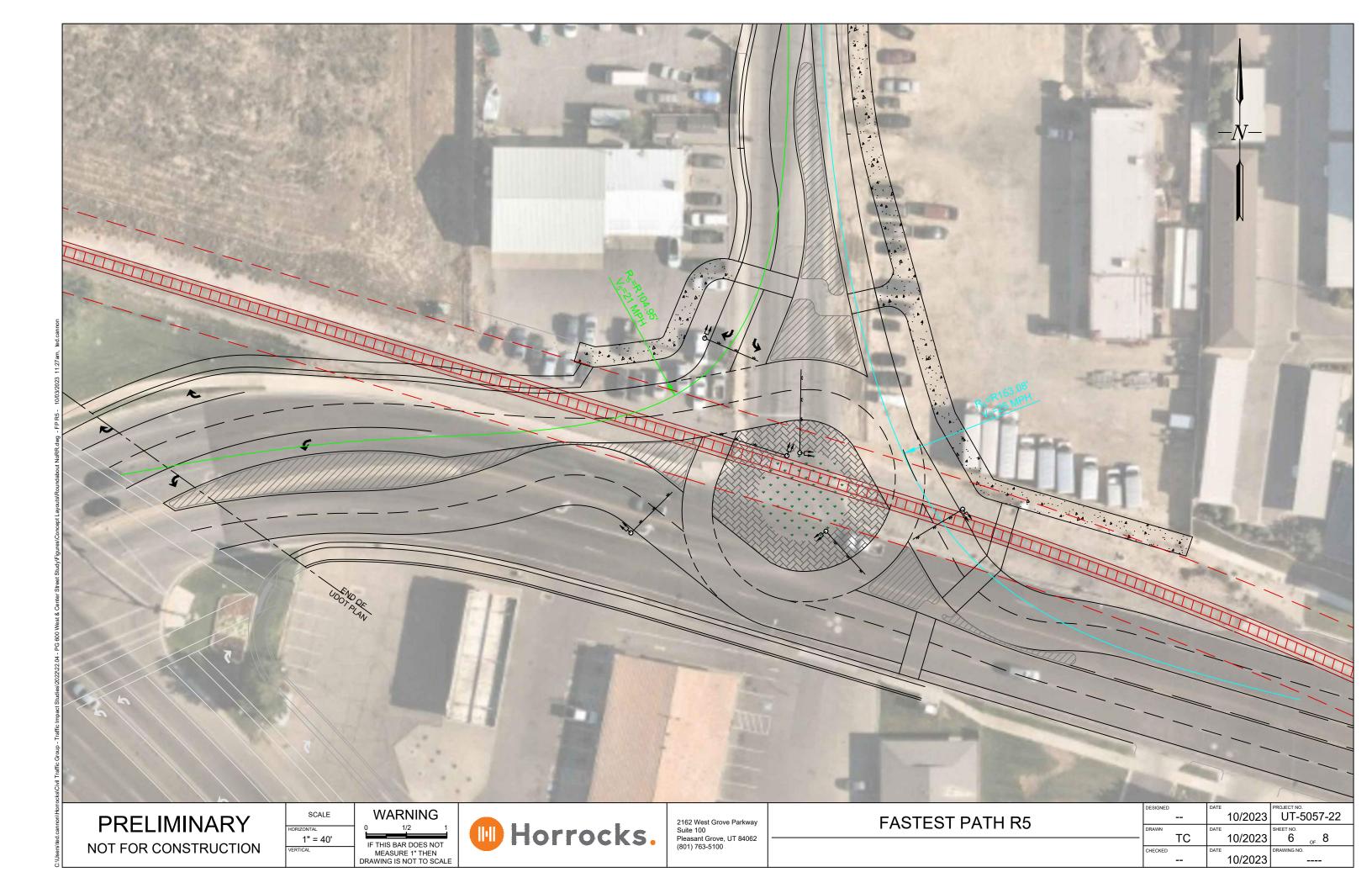


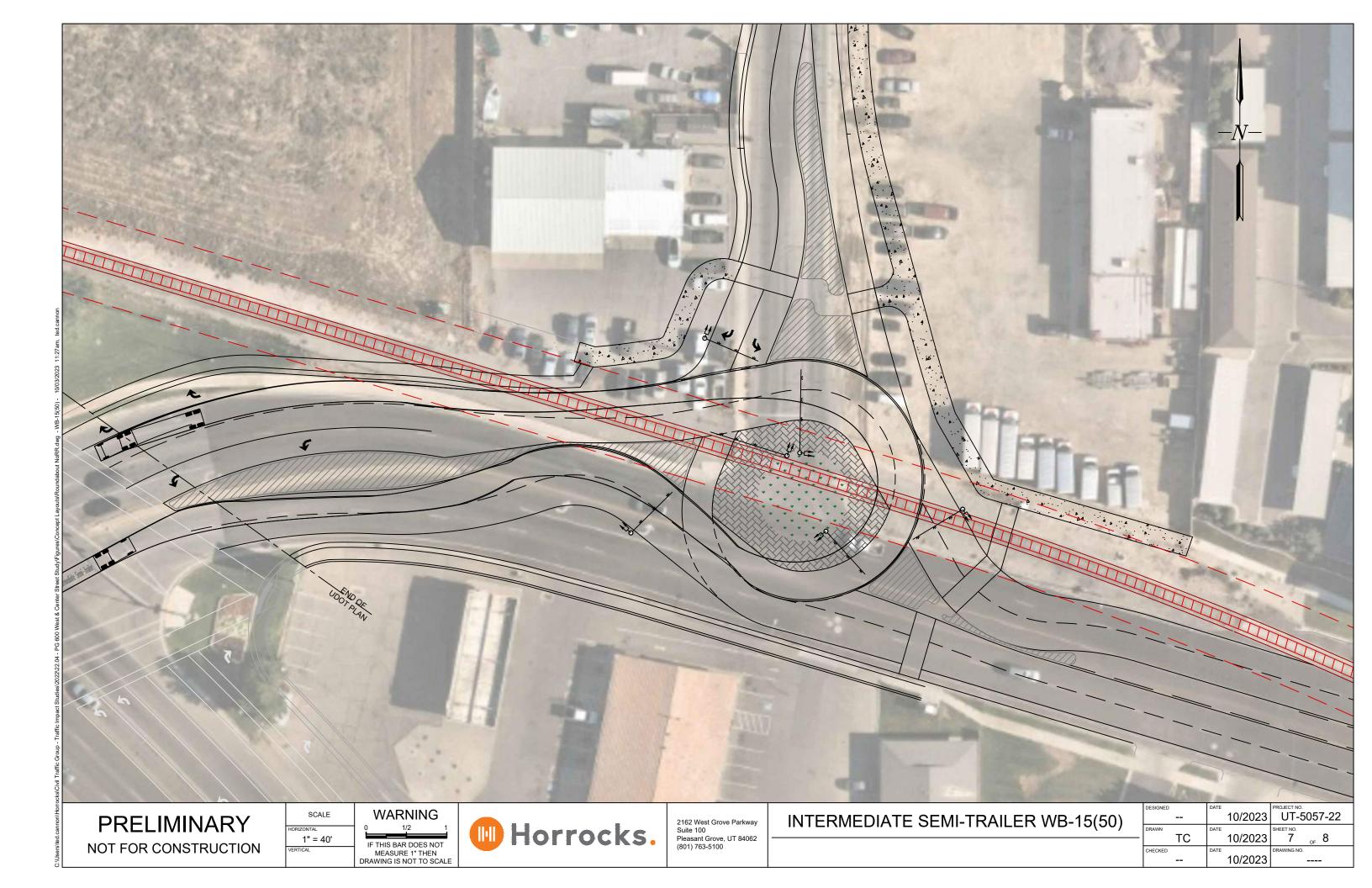


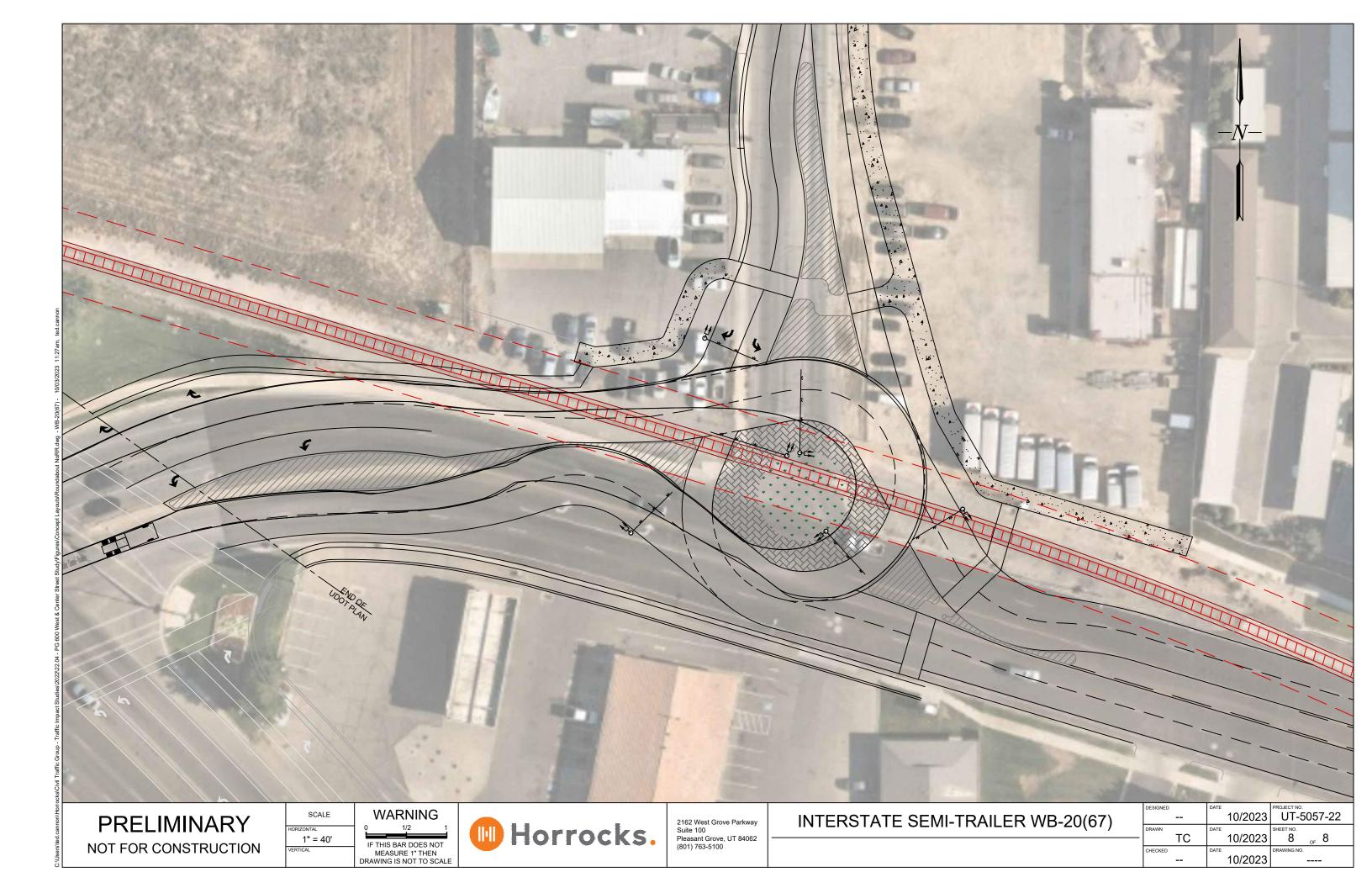












Appendix D: Synchro 11 SimTraffic Reports

NO BUILD 2022 AM

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	SBL2	SBL	SBT	SBR	NWL	NWR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.3	2.0	0.1	0.8	3.8	0.2	1.6	3.9	0.0	0.0	0.5	2.5
Total Del/Veh (s)	44.1	36.3	2.6	43.0	33.8	4.8	42.7	24.7	0.8	4.0	27.9	15.4

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	NWR2	All
Denied Delay (hr)	0.0	0.0
Denied Del/Veh (s)	0.0	0.0
Total Delay (hr)	0.1	15.9
Total Del/Veh (s)	13.4	24.3

6: Center St & 600 West Performance by movement

Movement	EBL	WBT	WBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.2	0.3	0.0	0.2	0.0	0.4	1.2
Total Del/Veh (s)	9.0	2.6	3.4	24.0	0.4	5.6	5.2

12: Center St Performance by movement

Movement	EBT	WBT	All
Denied Delay (hr)	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0
Total Delay (hr)	0.0	0.3	0.3
Total Del/Veh (s)	0.5	2.3	1.6

13: 600 West & Garden Drive Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)		0.1	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)		2.7	3.1	0.5	0.2	0.3

15: Center St & 200 West Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.1	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	1.7	0.6	0.1	0.1	17.0	3.2	0.5

17: Performance by movement

Movement	EBL	EBT	EBR	WBT	NBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Delay (hr)	0.0	0.6	0.0	0.9	0.0	0.0	1.6
Total Del/Veh (s)	6.4	7.9	4.9	7.9	4.8	3.3	7.8

18: Performance by movement

Movement	EBT	WBT	NBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.2	0.0	0.1	0.1
Total Delay (hr)	1.5	1.6	0.1	3.2
Total Del/Veh (s)	8.6	7.2	4.0	7.6

26: Center St Performance by movement

Movement	EBT	WBT	WBR	SEL	All	
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	
Denied Del/Veh (s)	0.0		0.0	0.0	0.0	
Total Delay (hr)	0.0	0.0	0.0	0.0	0.0	
Total Del/Veh (s)	0.3		0.1	1.1	0.2	

28: Center St Performance by movement

Movement	EBT	EBR	WBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Delay (hr)	0.1	0.1	0.1	0.3
Total Del/Veh (s)	2.3	1.6	0.6	1.0

Total Network Performance

Denied Delay (hr)	0.1	
Denied Del/Veh (s)	0.2	
Total Delay (hr)	25.3	
Total Del/Veh (s)	36.3	

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	EB	EB	EB	EB	WB	WB	WB	WB	SB	SB	SB	SB
Directions Served	L	Т	T	R	L	Т	Т	R	<	<	L	
Maximum Queue (ft)	61	163	126	39	122	180	234	160	102	98	199	174
Average Queue (ft)	18	84	37	6	44	97	108	41	40	42	110	94
95th Queue (ft)	47	141	103	23	91	155	180	112	85	82	181	160
Link Distance (ft)		454	454			173	173				515	515
Upstream Blk Time (%)					0	0	1	0				
Queuing Penalty (veh)					0	1	4	0				
Storage Bay Dist (ft)	420			430	85			80	350	350		
Storage Blk Time (%)					3	15	22	0				
Queuing Penalty (veh)					5	9	40	0				

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	SB	SB	NW	NW	NW	NW	NW	NW	
Directions Served	L	R	L	L	R	R	R	>	
Maximum Queue (ft)	136	39	23	61	140	143	120	62	
Average Queue (ft)	61	8	3	17	79	73	35	11	
95th Queue (ft)	120	29	13	46	127	124	92	39	
Link Distance (ft)	515				1404	1404	1404		
Upstream Blk Time (%)									
Queuing Penalty (veh)									
Storage Bay Dist (ft)		430	430	430				425	
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 6: Center St & 600 West

Movement	EB	WB	WB	SB	SB	
Directions Served	L	Т	TR	L	R	
Maximum Queue (ft)	103	66	100	71	113	
Average Queue (ft)	41	23	35	24	57	
95th Queue (ft)	86	56	77	55	92	
Link Distance (ft)	23	213	213		364	
Upstream Blk Time (%)	14					
Queuing Penalty (veh)	14					
Storage Bay Dist (ft)				270		
Storage Blk Time (%)						
Queuing Penalty (veh)						

Intersection: 12: Center St

Directions Served Maximum Queue (ft) Average Queue (ft) 95th Queue (ft) Link Distance (ft) Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Movement	
Average Queue (ft) 95th Queue (ft) Link Distance (ft) Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Directions Served	
95th Queue (ft) Link Distance (ft) Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Maximum Queue (ft)	
Link Distance (ft) Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Average Queue (ft)	
Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	95th Queue (ft)	
Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Link Distance (ft)	
Storage Bay Dist (ft) Storage Blk Time (%)	Upstream Blk Time (%)	
Storage Blk Time (%)	Queuing Penalty (veh)	
	Storage Bay Dist (ft)	
Queuing Penalty (ven)	Queuing Penalty (veh)	

Intersection: 13: 600 West & Garden Drive

Movement	EB	NB
Directions Served	LR	L
Maximum Queue (ft)	26	24
Average Queue (ft)	2	1
95th Queue (ft)	14	12
Link Distance (ft)	228	
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		50
Storage Blk Time (%)		0
Queuing Penalty (veh)		0

Intersection: 15: Center St & 200 West

Movement	EB	SB		
Directions Served	L	LR		
Maximum Queue (ft)	6	28		
Average Queue (ft)	0	9		
95th Queue (ft)	6	29		
Link Distance (ft)		442		
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)	100			
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 17:

Movement	EB	EB	EB	WB	NB	SB
Directions Served	L	T	R	TR	LTR	LTR
Maximum Queue (ft)	42	105	42	110	23	32
Average Queue (ft)	9	56	4	62	4	11
95th Queue (ft)	34	86	23	95	19	34
Link Distance (ft)		357		457	169	132
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	50		60			
Storage Blk Time (%)	0	5	0	7		
Queuing Penalty (veh)	0	1	0	0		

Intersection: 18:

Movement	EB	EB	EB	WB	WB	WB	NB
Directions Served	T	T	T	Т	Т	Т	LR
Maximum Queue (ft)	223	155	46	153	173	172	62
Average Queue (ft)	127	40	10	60	68	75	29
95th Queue (ft)	207	105	34	132	151	149	54
Link Distance (ft)	209	209	209	576	576	576	212
Upstream Blk Time (%)	1						
Queuing Penalty (veh)	0						
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 26: Center St

Movement	EB	SE
Directions Served	T	L
Maximum Queue (ft)	123	35
Average Queue (ft)	4	2
95th Queue (ft)	73	14
Link Distance (ft)	292	213
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 28: Center St

Movement	EB	EB	WB
Directions Served	TR	R	Т
Maximum Queue (ft)	20	8	59
Average Queue (ft)	1	0	3
95th Queue (ft)	13	8	28
Link Distance (ft)	173	173	23
Upstream Blk Time (%)			0
Queuing Penalty (veh)			0
Storage Bay Dist (ft)			
Storage Blk Time (%)			
Queuing Penalty (veh)			

Network Summary

Network wide Queuing Penalty: 75

NO BUILD 2022 PM

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	SBL2	SBL	SBR	NWL	NWR	NWR2
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	1.3	6.8	0.2	1.4	4.2	0.2	3.5	4.6	0.0	3.7	6.9	0.7
Total Del/Veh (s)	49.1	54.1	6.2	59.9	52.7	6.5	43.3	20.1	3.3	65.5	31.7	28.1

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	All	
Denied Delay (hr)	0.0	
Denied Del/Veh (s)	0.0	
Total Delay (hr)	33.7	
Total Del/Veh (s)	35.6	

6: Center St & 600 West Performance by movement

Movement	EBL	WBT	WBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.7	0.1	0.0	0.1	0.0	0.2	1.2
Total Del/Veh (s)	7.0	0.9	0.6	20.8	0.3	4.3	4.4

8: Performance by movement

Movement	EBT	WBT	NBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.0	0.1	0.1
Total Delay (hr)	2.7	0.4	0.1	3.1
Total Del/Veh (s)	8.7	1.4	4.1	5.2

12: Center St Performance by movement

Movement	EBT	WBT	All
Denied Delay (hr)	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0
Total Delay (hr)	0.1	0.2	0.3
Total Del/Veh (s)	0.9	2.2	1.5

13: 600 West & Garden Drive Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.1
Total Del/Veh (s)	9.3	3.4	2.8	0.7	0.2	0.1	0.8

15: Center St & 200 West Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.1	0.0	0.0	0.0	0.0	0.2
Total Del/Veh (s)	4.1	1.1	0.2	0.1	18.2	4.6	0.9

17: Performance by movement

Movement	EBL	EBT	EBR	WBT	NBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Delay (hr)	0.0	1.2	0.0	0.7	0.0	0.0	2.0
Total Del/Veh (s)	7.3	9.9	6.8	7.4	4.9	2.8	8.6

21: Center St Performance by movement

Movement	EBT	WBT	WBR	SEL	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.1	0.0	0.0	0.0	0.1
Total Del/Veh (s)	0.8	0.0	0.1	1.7	0.5

23: Center St Performance by movement

Movement	EBT	EBR	WBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Delay (hr)	0.4	0.3	0.0	0.8
Total Del/Veh (s)	4.4	2.3	0.2	2.1

Total Network Performance

Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.2
Total Delay (hr)	45.7
Total Del/Veh (s)	45.4

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	EB	EB	EB	EB	WB	WB	WB	WB	SB	SB	SB	SB
Directions Served	L	T	Т	R	L	T	T	R	<	<	L	
Maximum Queue (ft)	180	327	281	68	147	181	216	168	187	163	140	163
Average Queue (ft)	61	212	152	12	66	101	109	39	102	76	77	90
95th Queue (ft)	131	305	261	44	125	164	182	115	168	136	123	136
Link Distance (ft)		443	443			182	182				529	529
Upstream Blk Time (%)						0	1	0				
Queuing Penalty (veh)						0	2	0				
Storage Bay Dist (ft)	420			430	85			80	500	500		
Storage Blk Time (%)		0			9	19	27	0				
Queuing Penalty (veh)		0			13	16	30	0				

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	SB	SB	B1	B1	B1	NW	NW	NW	NW	NW	NW	
Directions Served	L	R	T	Т	Т	L	L	R	R	R	>	
Maximum Queue (ft)	152	55	2	6	5	139	187	269	246	226	132	
Average Queue (ft)	82	10	0	0	0	65	92	155	150	120	52	
95th Queue (ft)	138	38	2	6	4	125	155	221	210	189	110	
Link Distance (ft)	529		554	554	554			1406	1406	1406		
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)		430				430	430				425	
Storage Blk Time (%)												
Queuing Penalty (veh)												

Intersection: 6: Center St & 600 West

Movement	EB	WB	WB	SB	SB	
Directions Served	L	Т	TR	L	R	
Maximum Queue (ft)	136	8	33	55	87	
Average Queue (ft)	92	0	5	17	47	
95th Queue (ft)	144	5	23	45	75	
Link Distance (ft)	10	154	154		366	
Upstream Blk Time (%)	20					
Queuing Penalty (veh)	69					
Storage Bay Dist (ft)				270		
Storage Blk Time (%)						
Queuing Penalty (veh)						

Intersection: 8:

Movement	EB	EB	EB	WB	WB	WB	NB
Directions Served	T	T	Т	T	Т	T	LR
Maximum Queue (ft)	213	194	173	41	35	71	65
Average Queue (ft)	136	113	57	7	4	26	25
95th Queue (ft)	197	184	135	29	21	61	52
Link Distance (ft)	1294	1294	1294	554	554	554	212
LL (DU T) (0/)							

Upstream Blk Time (%)

Queuing Penalty (veh)

Storage Bay Dist (ft)

Storage Blk Time (%)

Queuing Penalty (veh)

Intersection: 12: Center St

Movement

Directions Served

Maximum Queue (ft)

Average Queue (ft)

95th Queue (ft)

Link Distance (ft)

Upstream Blk Time (%)

Queuing Penalty (veh)

Storage Bay Dist (ft)

Storage Blk Time (%)

Queuing Penalty (veh)

Intersection: 13: 600 West & Garden Drive

Movement	EB	NB
Directions Served	LR	L
Maximum Queue (ft)	38	33
Average Queue (ft)	15	7
95th Queue (ft)	41	28
Link Distance (ft)	228	
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		50
Storage Blk Time (%)		0
Queuing Penalty (veh)		0

Intersection: 15: Center St & 200 West

Movement	EB	SB
Directions Served	L	LR
Maximum Queue (ft)	33	37
Average Queue (ft)	6	10
95th Queue (ft)	27	33
Link Distance (ft)		442
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)	100	
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 17:

Movement	EB	EB	EB	WB	NB	SB
Directions Served	L	T	R	TR	LTR	LTR
Maximum Queue (ft)	74	166	52	106	26	35
Average Queue (ft)	16	80	8	54	5	12
95th Queue (ft)	52	134	37	81	22	35
Link Distance (ft)		354		454	136	99
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	50		30			
Storage Blk Time (%)	0	33	0			
Queuing Penalty (veh)	0	7	1			

Intersection: 21: Center St

Movement	EB	SE
Directions Served	T	L
Maximum Queue (ft)	168	28
Average Queue (ft)	11	2
95th Queue (ft)	109	15
Link Distance (ft)	221	154
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 23: Center St

Movement	EB	EB	WB	WB
Directions Served	TR	R	Т	Т
Maximum Queue (ft)	139	76	10	81
Average Queue (ft)	24	3	0	28
95th Queue (ft)	93	41	11	78
Link Distance (ft)	182	182	10	10
Upstream Blk Time (%)	0	0		0
Queuing Penalty (veh)	0	0		0
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Network Summary

Network wide Queuing Penalty: 139

NO BUILD 2030 AM

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	SBL2	SBL	SBT	SBR	NWL	NWR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.5	2.2	0.0	0.6	4.1	0.3	1.1	2.9	0.0	0.0	0.5	2.5
Total Del/Veh (s)	45.7	35.5	2.0	45.4	35.4	5.2	39.8	24.1	1.8	3.6	28.9	15.1

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	NWR2	All
Denied Delay (hr)	0.0	0.0
Denied Del/Veh (s)	0.0	0.0
Total Delay (hr)	0.1	14.8
Total Del/Veh (s)	9.3	23.8

6: Center St & 600 West Performance by movement

Movement	EBL	WBT	WBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0		0.0	0.0
Total Delay (hr)	0.1	0.1	0.0	0.2	0.0	0.4	8.0
Total Del/Veh (s)	5.1	0.6	0.3	14.1		5.5	3.3

12: Center St Performance by movement

Movement	EBT	WBT	All
Denied Delay (hr)	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0
Total Delay (hr)	0.0	0.3	0.3
Total Del/Veh (s)	0.5	2.3	1.6

13: 600 West & Garden Drive Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)		0.1	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)		4.0	2.6	0.4	0.2	0.3

15: Center St & 200 West Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)		0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)		0.6	0.1	0.1	13.0	2.9	0.4

17: Performance by movement

Movement	EBL	EBT	EBR	WBT	NBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.1	0.1	0.0
Total Delay (hr)	0.0	0.6	0.0	1.0	0.0	0.0	1.6
Total Del/Veh (s)	6.5	7.7	5.4	8.1	4.5	3.4	7.8

18: Performance by movement

Movement	EBT	WBT	NBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.0	0.1	0.1
Total Delay (hr)	1.2	1.7	0.1	2.9
Total Del/Veh (s)	8.3	7.2	3.5	7.5

26: Center St Performance by movement

Movement	EBT	WBT	WBR	SEL	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0		0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.3		0.1	0.9	0.2

28: Center St Performance by movement

Movement	EBT	EBR	WBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Delay (hr)	0.1	0.1	0.1	0.2
Total Del/Veh (s)	2.4	1.7	0.3	0.9

Total Network Performance

Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.2
Total Delay (hr)	23.1
Total Del/Veh (s)	34.7

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	EB	EB	EB	EB	WB	WB	WB	WB	SB	SB	SB	SB
Directions Served	L	Т	Т	R	L	Т	Т	R	<	<	L	
Maximum Queue (ft)	89	185	136	46	133	200	236	172	79	72	167	146
Average Queue (ft)	26	90	41	6	37	102	113	53	28	29	92	74
95th Queue (ft)	65	153	112	24	83	166	189	140	67	63	150	132
Link Distance (ft)		454	454			173	173				515	515
Upstream Blk Time (%)					0	1	1	0				
Queuing Penalty (veh)					0	2	4	0				
Storage Bay Dist (ft)	420			430	85			80	350	350		
Storage Blk Time (%)					1	17	24	0				
Queuing Penalty (veh)					2	9	47	1				

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	SB	SB	NW	NW	NW	NW	NW	NW	
Directions Served	L	R	L	L	R	R	R	>	
Maximum Queue (ft)	108	29	33	60	138	134	103	36	
Average Queue (ft)	42	8	3	18	78	72	34	7	
95th Queue (ft)	92	26	16	46	124	123	86	26	
Link Distance (ft)	515				1404	1404	1404		
Upstream Blk Time (%)									
Queuing Penalty (veh)									
Storage Bay Dist (ft)		430	430	430				425	
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 6: Center St & 600 West

Movement	EB	WB	WB	SB	SB	
Directions Served	L	Т	TR	L	R	
Maximum Queue (ft)	92	2	29	77	120	
Average Queue (ft)	36	0	2	27	59	
95th Queue (ft)	76	2	15	59	94	
Link Distance (ft)	23	213	213		364	
Upstream Blk Time (%)	8					
Queuing Penalty (veh)	8					
Storage Bay Dist (ft)				270		
Storage Blk Time (%)						
Queuing Penalty (veh)						

Intersection: 12: Center St

Maximum Queue (ft) Average Queue (ft) 95th Queue (ft) Link Distance (ft) Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Movement	
Average Queue (ft) 95th Queue (ft) Link Distance (ft) Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Directions Served	
95th Queue (ft) Link Distance (ft) Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Maximum Queue (ft)	
Link Distance (ft) Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Average Queue (ft)	
Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	95th Queue (ft)	
Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Link Distance (ft)	
Storage Bay Dist (ft) Storage Blk Time (%)	Upstream Blk Time (%)	
Storage Blk Time (%)	Queuing Penalty (veh)	
Storage Blk Time (%)	Storage Bay Dist (ft)	
Quaying Panalty (yeh)	Storage Blk Time (%)	
Queuing Penalty (ven)	Queuing Penalty (veh)	

Intersection: 13: 600 West & Garden Drive

Movement	EB	NB
Directions Served	LR	L
Maximum Queue (ft)	28	21
Average Queue (ft)	2	1
95th Queue (ft)	14	9
Link Distance (ft)	228	
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		50
Storage Blk Time (%)		0
Queuing Penalty (veh)		0

Intersection: 15: Center St & 200 West

Movement	EB	SB		
Directions Served	L	LR		
Maximum Queue (ft)	3	30		
Average Queue (ft)	0	8		
95th Queue (ft)	5	28		
Link Distance (ft)		442		
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)	100			
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 17:

Movement	EB	EB	EB	WB	NB	SB
Directions Served	L	T	R	TR	LTR	LTR
Maximum Queue (ft)	51	103	36	125	23	35
Average Queue (ft)	9	54	3	65	4	10
95th Queue (ft)	34	80	19	101	19	34
Link Distance (ft)		357		457	169	132
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	50		60			
Storage Blk Time (%)		5	0	8		
Queuing Penalty (veh)		1	0	0		

Intersection: 18:

Movement	EB	EB	EB	WB	WB	WB	NB
Directions Served	T	T	Т	T	Т	T	LR
Maximum Queue (ft)	200	114	42	157	179	193	59
Average Queue (ft)	100	28	9	60	74	80	25
95th Queue (ft)	173	82	32	128	151	155	52
Link Distance (ft)	209	209	209	576	576	576	212
Upstream Blk Time (%)	0						
Queuing Penalty (veh)	0						
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 26: Center St

Movement	SE
Directions Served	L
Maximum Queue (ft)	30
Average Queue (ft)	2
95th Queue (ft)	16
Link Distance (ft)	213
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 28: Center St

Movement	WB
Directions Served	T
Maximum Queue (ft)	21
Average Queue (ft)	0
95th Queue (ft)	10
Link Distance (ft)	23
Upstream Blk Time (%)	0
Queuing Penalty (veh)	0
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Network Summary

Network wide Queuing Penalty: 73

NO BUILD 2030 PM

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	SBL2	SBL	SBT	SBR	NWL	NWR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	1.4	8.2	0.3	1.5	4.4	0.2	4.0	5.7	0.0	0.0	4.6	9.3
Total Del/Veh (s)	46.0	56.5	7.9	58.1	53.4	7.2	46.1	22.5	0.8	3.3	72.0	35.4

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	NWR2	All
Denied Delay (hr)	0.0	0.0
Denied Del/Veh (s)	0.0	0.0
Total Delay (hr)	8.0	40.5
Total Del/Veh (s)	30.0	37.9

6: Center St & 600 West Performance by movement

Movement	EBL	WBT	WBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	8.0	0.1	0.0	0.2	0.0	0.3	1.4
Total Del/Veh (s)	6.8	0.9	0.6	25.2	0.2	4.5	4.9

8: Performance by movement

Movement	EBT	WBT	NBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.0	0.1	0.1
Total Delay (hr)	3.2	0.5	0.1	3.7
Total Del/Veh (s)	9.5	1.5	4.4	5.6

12: Center St Performance by movement

Movement	EBT	WBT	All
Denied Delay (hr)	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0
Total Delay (hr)	0.2	0.2	0.3
Total Del/Veh (s)	1.0	2.2	1.5

13: 600 West & Garden Drive Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.2
Total Del/Veh (s)	11.2	4.1	3.2	8.0	0.3	0.2	0.8

15: Center St & 200 West Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.2	0.0	0.0	0.0	0.0	0.2
Total Del/Veh (s)	4.6	1.2	0.1	0.1	18.4	3.3	1.0

17: Performance by movement

Movement	EBL	EBT	EBR	WBT	NBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Delay (hr)	0.0	1.5	0.0	0.6	0.0	0.0	2.1
Total Del/Veh (s)	7.5	10.7	7.3	7.0	4.9	2.8	9.1

21: Center St Performance by movement

Movement	EBT	WBR	SEL	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Delay (hr)	0.1	0.0	0.0	0.1
Total Del/Veh (s)	0.8	0.1	1.8	0.6

23: Center St Performance by movement

Movement	EBT	EBR	WBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Delay (hr)	0.6	0.3	0.0	0.9
Total Del/Veh (s)	5.0	2.4	0.2	2.4

Total Network Performance

Denied Delay (hr)	0.2	
Denied Del/Veh (s)	0.2	
Total Delay (hr)	54.8	
Total Del/Veh (s)	48.6	

Intersection: 2: Bend

Movement	SB
Directions Served	T
Maximum Queue (ft)	153
Average Queue (ft)	5
95th Queue (ft)	156
Link Distance (ft)	1406
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	EB	EB	EB	EB	WB	WB	WB	WB	SB	SB	SB	SB
Directions Served	L	Т	T	R	L	T	T	R	<	<	L	L
Maximum Queue (ft)	225	360	326	87	150	183	218	179	226	193	202	203
Average Queue (ft)	72	242	187	20	72	103	116	39	119	84	86	100
95th Queue (ft)	157	342	308	63	132	166	185	109	201	161	152	161
Link Distance (ft)		443	443			182	182				529	529
Upstream Blk Time (%)						0	1	0				
Queuing Penalty (veh)						1	2	0				
Storage Bay Dist (ft)	420			430	85			80	500	500		
Storage Blk Time (%)		0			12	19	29	0				
Queuing Penalty (veh)		0			17	17	36	0				

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	SB	SB	B1	B1	B1	NW	NW	NW	NW	NW	NW	
Directions Served	L	R	Т	Т	Т	L	L	R	R	R	>	
Maximum Queue (ft)	203	47	4	9	9	164	232	290	286	259	143	
Average Queue (ft)	100	9	0	0	0	82	109	188	182	154	58	
95th Queue (ft)	164	33	4	7	6	147	182	264	253	227	115	
Link Distance (ft)	529		554	554	554			1406	1406	1406		
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)		430				430	430				425	
Storage Blk Time (%)	0							0				
Queuing Penalty (veh)	0							0				

Intersection: 6: Center St & 600 West

Movement	EB	WB	WB	SB	SB
Directions Served	L	T	TR	L	R
Maximum Queue (ft)	141	9	38	64	102
Average Queue (ft)	98	0	5	22	53
95th Queue (ft)	154	5	22	55	83
Link Distance (ft)	10	154	154		366
Upstream Blk Time (%)	19				
Queuing Penalty (veh)	79				
Storage Bay Dist (ft)				270	
Storage Blk Time (%)					
Queuing Penalty (veh)					

Intersection: 8:

Movement	EB	EB	EB	WB	WB	WB	NB
Directions Served	Т	Т	Т	Т	Т	Т	LR
Maximum Queue (ft)	236	226	191	39	46	74	72
Average Queue (ft)	148	130	74	6	6	28	30
95th Queue (ft)	209	206	159	26	28	65	60
Link Distance (ft)	1294	1294	1294	554	554	554	212
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Ray Dist (ft)							

Storage Bay Dist (ft) Storage Blk Time (%)

Queuing Penalty (veh)

Intersection: 12: Center St

vement	
ections Served	
ximum Queue (ft)	
erage Queue (ft)	
n Queue (ft)	
c Distance (ft)	
stream Blk Time (%)	
euing Penalty (veh)	
rage Bay Dist (ft)	
rage Blk Time (%)	
euing Penalty (veh)	

Intersection: 13: 600 West & Garden Drive

Movement	EB	NB
Directions Served	LR	L
Maximum Queue (ft)	35	36
Average Queue (ft)	16	9
95th Queue (ft)	42	32
Link Distance (ft)	228	
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		50
Storage Blk Time (%)		0
Queuing Penalty (veh)		0

Intersection: 15: Center St & 200 West

Movement	EB	SB
Directions Served	L	LR
Maximum Queue (ft)	38	39
Average Queue (ft)	7	12
95th Queue (ft)	29	35
Link Distance (ft)		442
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)	100	
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 17:

Movement	EB	EB	EB	WB	NB	SB
Directions Served	L	Т	R	TR	LTR	LTR
Maximum Queue (ft)	68	218	54	90	26	35
Average Queue (ft)	12	92	9	51	7	12
95th Queue (ft)	44	166	38	78	25	35
Link Distance (ft)		354		454	136	99
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	50		30			
Storage Blk Time (%)	0	38	0			
Queuing Penalty (veh)	0	8	1			

Intersection: 21: Center St

Movement	EB	SE
Directions Served	Т	L
Maximum Queue (ft)	194	32
Average Queue (ft)	9	3
95th Queue (ft)	98	17
Link Distance (ft)	221	154
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 23: Center St

Movement	EB	EB	WB	WB
Directions Served	TR	R	Т	T
Maximum Queue (ft)	154	48	21	83
Average Queue (ft)	36	2	1	34
95th Queue (ft)	114	27	15	83
Link Distance (ft)	182	182	10	10
Upstream Blk Time (%)	0	0		0
Queuing Penalty (veh)	0	0		0
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Network Summary

Network wide Queuing Penalty: 162

NO BUILD 2050 AM

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	SBL2	SBL	SBT	SBR	NWL	NWR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	1.3	9.5	0.3	1.3	5.7	0.2	4.4	4.7	0.0	0.1	4.1	4.7
Total Del/Veh (s)	49.2	58.0	6.5	57.6	52.4	6.9	47.6	21.6	0.8	4.1	69.3	31.7

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	NWR2	All
Denied Delay (hr)	0.0	0.0
Denied Del/Veh (s)	0.0	0.0
Total Delay (hr)	0.6	36.9
Total Del/Veh (s)	28.1	38.9

6: Center St & 600 West Performance by movement

Movement	EBL	WBT	WBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	8.0	0.1	0.0	0.3	0.0	0.4	1.6
Total Del/Veh (s)	7.2	0.9	0.7	27.6	0.3	5.1	5.3

8: Performance by movement

Movement	EBT	WBT	NBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.0	0.1	0.1
Total Delay (hr)	2.8	0.2	0.1	3.1
Total Del/Veh (s)	9.0	1.2	4.5	5.9

12: Center St Performance by movement

Movement	EBT	EBR	WBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Delay (hr)	0.2	0.0	0.2	0.4
Total Del/Veh (s)	1.2	0.1	2.2	1.6

13: 600 West & Garden Drive Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.2
Total Del/Veh (s)	11.2	4.2	3.5	8.0	0.3	0.2	0.8

15: Center St & 200 West Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.2	0.0	0.0	0.0	0.0	0.3
Total Del/Veh (s)	5.1	1.4	0.1	0.1	25.3	3.8	1.2

17: Performance by movement

Movement	EBL	EBT	EBR	WBT	NBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Delay (hr)	0.0	1.8	0.0	0.6	0.0	0.0	2.5
Total Del/Veh (s)	9.5	11.5	7.6	7.2	4.7	2.8	9.7

21: Center St Performance by movement

Movement	EBT	WBT	WBR	SEL	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.1	0.0	0.0	0.0	0.2
Total Del/Veh (s)	0.9	0.0	0.1	2.0	0.6

23: Center St Performance by movement

Movement	EBT	EBR	WBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Delay (hr)	0.6	0.4	0.0	1.1
Total Del/Veh (s)	5.4	2.7	0.3	2.5

Total Network Performance

Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.2
Total Delay (hr)	50.1
Total Del/Veh (s)	49.5

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	EB	EB	EB	EB	B5	WB	WB	WB	WB	SB	SB	SB
Directions Served	L	T	T	R	Т	L	T	Т	R	<	<	L
Maximum Queue (ft)	254	419	371	75	16	159	221	292	182	241	212	171
Average Queue (ft)	69	264	217	16	0	72	131	158	52	123	91	75
95th Queue (ft)	162	379	342	52	9	141	201	258	157	209	174	131
Link Distance (ft)		443	443		353		182	182				529
Upstream Blk Time (%)	0	0	0				2	5	0			
Queuing Penalty (veh)	0	0	0				5	15	0			
Storage Bay Dist (ft)	420			430		85			80	500	500	
Storage Blk Time (%)		0	0			10	30	41	0			
Queuing Penalty (veh)		0	0			19	25	41	0			

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	SB	SB	SB	B1	B1	B1	NW	NW	NW	NW	NW	NW
Directions Served	L	L	R	T	T	T	L	L	R	R	R	>
Maximum Queue (ft)	148	147	59	8	8	7	154	187	205	193	160	124
Average Queue (ft)	88	85	12	0	0	0	73	95	119	112	82	45
95th Queue (ft)	135	137	42	5	6	5	133	152	177	172	147	97
Link Distance (ft)	529	529		554	554	554			1406	1406	1406	
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)			430				430	430				425
Storage Blk Time (%)												
Queuing Penalty (veh)												

Intersection: 6: Center St & 600 West

Movement	EB	WB	WB	SB	SB	
Directions Served	L	Т	TR	L	R	
Maximum Queue (ft)	143	22	39	68	116	
Average Queue (ft)	101	1	6	25	60	
95th Queue (ft)	153	11	27	57	96	
Link Distance (ft)	10	154	154		366	
Upstream Blk Time (%)	21					
Queuing Penalty (veh)	85					
Storage Bay Dist (ft)				270		
Storage Blk Time (%)						
Queuing Penalty (veh)						

Intersection: 8:

Movement	EB	EB	EB	WB	WB	WB	NB
Directions Served	T	T	T	T	T	T	LR
Maximum Queue (ft)	221	214	173	30	35	66	71
Average Queue (ft)	133	114	59	2	3	22	30
95th Queue (ft)	195	185	138	16	20	54	59
Link Distance (ft)	1294	1294	1294	554	554	554	212
Haratas and DH. Thank (0/1)							

Upstream Blk Time (%)

Queuing Penalty (veh)

Storage Bay Dist (ft)

Storage Blk Time (%)

Queuing Penalty (veh)

Intersection: 12: Center St

Movement

Directions Served

Maximum Queue (ft)

Average Queue (ft)

95th Queue (ft)

Link Distance (ft)

Upstream Blk Time (%)

Queuing Penalty (veh)

Storage Bay Dist (ft)

Storage Blk Time (%)

Queuing Penalty (veh)

Intersection: 13: 600 West & Garden Drive

Movement	EB	NB
Directions Served	LR	L
Maximum Queue (ft)	48	37
Average Queue (ft)	19	10
95th Queue (ft)	45	34
Link Distance (ft)	228	
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		50
Storage Blk Time (%)		0
Queuing Penalty (veh)		0

Intersection: 15: Center St & 200 West

Movement	EB	SB
Directions Served	L	LR
Maximum Queue (ft)	39	41
Average Queue (ft)	8	12
95th Queue (ft)	31	36
Link Distance (ft)		442
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)	100	
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 17:

Movement	EB	EB	EB	WB	NB	SB
Directions Served	L	T	R	TR	LTR	LTR
Maximum Queue (ft)	74	223	54	96	28	31
Average Queue (ft)	19	102	7	51	6	11
95th Queue (ft)	60	182	36	80	24	33
Link Distance (ft)		354		454	136	99
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	50		30			
Storage Blk Time (%)	0	43	0			
Queuing Penalty (veh)	0	9	1			

Intersection: 21: Center St

Movement	EB	SE
Directions Served	T	L
Maximum Queue (ft)	202	37
Average Queue (ft)	11	4
95th Queue (ft)	107	21
Link Distance (ft)	221	154
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 23: Center St

Movement	EB	EB	WB	WB
Directions Served	TR	R	Т	T
Maximum Queue (ft)	174	108	10	98
Average Queue (ft)	38	4	0	36
95th Queue (ft)	123	44	11	87
Link Distance (ft)	182	182	10	10
Upstream Blk Time (%)	0	0		0
Queuing Penalty (veh)	1	0		1
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Network Summary

Network wide Queuing Penalty: 201

NO BUILD 2050 PM

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	SBL2	SBL	SBT	SBR	NWL	NWR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	1.3	9.5	0.3	1.3	5.7	0.2	4.4	4.7	0.0	0.1	4.1	4.7
Total Del/Veh (s)	49.2	58.0	6.5	57.6	52.4	6.9	47.6	21.6	0.8	4.1	69.3	31.7

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	NWR2	All
Denied Delay (hr)	0.0	0.0
Denied Del/Veh (s)	0.0	0.0
Total Delay (hr)	0.6	36.9
Total Del/Veh (s)	28.1	38.9

6: Center St & 600 West Performance by movement

Movement	EBL	WBT	WBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	8.0	0.1	0.0	0.3	0.0	0.4	1.6
Total Del/Veh (s)	7.2	0.9	0.7	27.6	0.3	5.1	5.3

8: Performance by movement

Movement	EBT	WBT	NBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.0	0.1	0.1
Total Delay (hr)	2.8	0.2	0.1	3.1
Total Del/Veh (s)	9.0	1.2	4.5	5.9

12: Center St Performance by movement

Movement	EBT	EBR	WBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Delay (hr)	0.2	0.0	0.2	0.4
Total Del/Veh (s)	1.2	0.1	2.2	1.6

13: 600 West & Garden Drive Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.2
Total Del/Veh (s)	11.2	4.2	3.5	8.0	0.3	0.2	0.8

15: Center St & 200 West Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.2	0.0	0.0	0.0	0.0	0.3
Total Del/Veh (s)	5.1	1.4	0.1	0.1	25.3	3.8	1.2

17: Performance by movement

Movement	EBL	EBT	EBR	WBT	NBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Delay (hr)	0.0	1.8	0.0	0.6	0.0	0.0	2.5
Total Del/Veh (s)	9.5	11.5	7.6	7.2	4.7	2.8	9.7

21: Center St Performance by movement

Movement	EBT	WBT	WBR	SEL	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.1	0.0	0.0	0.0	0.2
Total Del/Veh (s)	0.9	0.0	0.1	2.0	0.6

23: Center St Performance by movement

Movement	EBT	EBR	WBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Delay (hr)	0.6	0.4	0.0	1.1
Total Del/Veh (s)	5.4	2.7	0.3	2.5

Total Network Performance

Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.2
Total Delay (hr)	50.1
Total Del/Veh (s)	49.5

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	EB	EB	EB	EB	B5	WB	WB	WB	WB	SB	SB	SB
Directions Served	L	T	T	R	Т	L	T	Т	R	<	<	L
Maximum Queue (ft)	254	419	371	75	16	159	221	292	182	241	212	171
Average Queue (ft)	69	264	217	16	0	72	131	158	52	123	91	75
95th Queue (ft)	162	379	342	52	9	141	201	258	157	209	174	131
Link Distance (ft)		443	443		353		182	182				529
Upstream Blk Time (%)	0	0	0				2	5	0			
Queuing Penalty (veh)	0	0	0				5	15	0			
Storage Bay Dist (ft)	420			430		85			80	500	500	
Storage Blk Time (%)		0	0			10	30	41	0			
Queuing Penalty (veh)		0	0			19	25	41	0			

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	SB	SB	SB	B1	B1	B1	NW	NW	NW	NW	NW	NW
Directions Served	L	L	R	T	T	T	L	L	R	R	R	>
Maximum Queue (ft)	148	147	59	8	8	7	154	187	205	193	160	124
Average Queue (ft)	88	85	12	0	0	0	73	95	119	112	82	45
95th Queue (ft)	135	137	42	5	6	5	133	152	177	172	147	97
Link Distance (ft)	529	529		554	554	554			1406	1406	1406	
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)			430				430	430				425
Storage Blk Time (%)												
Queuing Penalty (veh)												

Intersection: 6: Center St & 600 West

Movement	EB	WB	WB	SB	SB	
Directions Served	L	Т	TR	L	R	
Maximum Queue (ft)	143	22	39	68	116	
Average Queue (ft)	101	1	6	25	60	
95th Queue (ft)	153	11	27	57	96	
Link Distance (ft)	10	154	154		366	
Upstream Blk Time (%)	21					
Queuing Penalty (veh)	85					
Storage Bay Dist (ft)				270		
Storage Blk Time (%)						
Queuing Penalty (veh)						

Intersection: 8:

Movement	EB	EB	EB	WB	WB	WB	NB
Directions Served	T	Т	T	T	T	T	LR
Maximum Queue (ft)	221	214	173	30	35	66	71
Average Queue (ft)	133	114	59	2	3	22	30
95th Queue (ft)	195	185	138	16	20	54	59
Link Distance (ft)	1294	1294	1294	554	554	554	212
Haratas and DH. Thank (0/1)							

Upstream Blk Time (%)

Queuing Penalty (veh)

Storage Bay Dist (ft)

Storage Blk Time (%)

Queuing Penalty (veh)

Intersection: 12: Center St

Movement

Directions Served

Maximum Queue (ft)

Average Queue (ft)

95th Queue (ft)

Link Distance (ft)

Upstream Blk Time (%)

Queuing Penalty (veh)

Storage Bay Dist (ft)

Storage Blk Time (%)

Queuing Penalty (veh)

Intersection: 13: 600 West & Garden Drive

Movement	EB	NB
Directions Served	LR	L
Maximum Queue (ft)	48	37
Average Queue (ft)	19	10
95th Queue (ft)	45	34
Link Distance (ft)	228	
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		50
Storage Blk Time (%)		0
Queuing Penalty (veh)		0

Intersection: 15: Center St & 200 West

Movement	EB	SB
Directions Served	L	LR
Maximum Queue (ft)	39	41
Average Queue (ft)	8	12
95th Queue (ft)	31	36
Link Distance (ft)		442
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)	100	
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 17:

Movement	EB	EB	EB	WB	NB	SB
Directions Served	L	T	R	TR	LTR	LTR
Maximum Queue (ft)	74	223	54	96	28	31
Average Queue (ft)	19	102	7	51	6	11
95th Queue (ft)	60	182	36	80	24	33
Link Distance (ft)		354		454	136	99
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	50		30			
Storage Blk Time (%)	0	43	0			
Queuing Penalty (veh)	0	9	1			

Intersection: 21: Center St

Movement	EB	SE
Directions Served	T	L
Maximum Queue (ft)	202	37
Average Queue (ft)	11	4
95th Queue (ft)	107	21
Link Distance (ft)	221	154
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 23: Center St

Movement	EB	EB	WB	WB
Directions Served	TR	R	Т	T
Maximum Queue (ft)	174	108	10	98
Average Queue (ft)	38	4	0	36
95th Queue (ft)	123	44	11	87
Link Distance (ft)	182	182	10	10
Upstream Blk Time (%)	0	0		0
Queuing Penalty (veh)	1	0		1
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Network Summary

Network wide Queuing Penalty: 201

HIGH-T SIGNAL 2022 AM

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	SBL2	SBL	SBT	SBR	NWL	NWR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.3	2.0	0.1	0.8	2.6	0.2	1.7	3.2	0.0	0.0	0.5	2.5
Total Del/Veh (s)	45.4	37.4	2.2	45.5	22.7	4.6	49.8	20.3	1.4	2.9	27.0	15.3

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	NWR2	All
Denied Delay (hr)	0.0	0.0
Denied Del/Veh (s)	0.0	0.0
Total Delay (hr)	0.1	14.1
Total Del/Veh (s)	11.5	21.5

6: Center St & 600 West Performance by movement

Movement	EBL	WBT	WBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.5	3.0	0.2	0.2	0.0	0.4	4.4
Total Del/Veh (s)	17.8	25.1	19.3	24.2	0.3	6.7	18.7

12: Center St Performance by movement

Movement	EBT	WBT	All
Denied Delay (hr)	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0
Total Delay (hr)	0.1	0.3	0.3
Total Del/Veh (s)	0.7	2.3	1.7

13: 600 West & Garden Drive Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)		0.1	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)		3.5	2.8	0.6	0.2	0.4

15: Center St & 200 West Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)		0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.1	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)		8.0	0.2	0.1	16.1	3.6	0.5

17: Performance by movement

Movement	EBL	EBT	EBR	WBT	NBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Delay (hr)	0.0	0.6	0.0	1.0	0.0	0.0	1.7
Total Del/Veh (s)	7.3	8.5	6.2	8.1	4.7	3.1	8.1

18: Performance by movement

Movement	EBT	WBT	NBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.2	0.0	0.1	0.1
Total Delay (hr)	1.8	2.3	0.1	4.1
Total Del/Veh (s)	9.9	10.5	2.9	9.9

26: Center St Performance by movement

Movement	EBT	WBT	WBR	SEL	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0		0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	0.4		0.1	3.5	0.4

28: Center St Performance by movement

Movement	EBT	EBR	WBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.1	0.3	0.4
Total Del/Veh (s)	1.8	1.6	1.4	1.5

Total Network Performance

Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.2
Total Delay (hr)	28.0
Total Del/Veh (s)	40.5

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	EB	EB	EB	EB	WB	WB	WB	WB	SB	SB	SB	SB
Directions Served	L	T	T	R	L	T	T	R	<	<	L	L
Maximum Queue (ft)	71	146	118	36	128	196	231	135	85	102	167	150
Average Queue (ft)	18	76	41	6	42	84	102	55	26	50	100	87
95th Queue (ft)	48	128	104	22	91	163	190	139	63	88	147	136
Link Distance (ft)		454	454		135	135	135				515	515
Upstream Blk Time (%)					0	2	2	0				
Queuing Penalty (veh)					0	4	5	0				
Storage Bay Dist (ft)	420			430				80	350	350		
Storage Blk Time (%)							10	0				
Queuing Penalty (veh)							19	0				

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	SB	SB	NW	NW	NW	NW	NW	NW	
Directions Served	L	R	L	L	R	R	R	>	
Maximum Queue (ft)	127	34	29	56	146	148	121	65	
Average Queue (ft)	55	8	4	17	80	71	32	11	
95th Queue (ft)	107	28	16	44	131	129	90	40	
Link Distance (ft)	515				1404	1404	1404		
Upstream Blk Time (%)									
Queuing Penalty (veh)									
Storage Bay Dist (ft)		430	430	430				425	
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 6: Center St & 600 West

Movement	EB	WB	WB	SB	SB	
Directions Served	L	Т	TR	L	R	
Maximum Queue (ft)	149	183	208	71	136	
Average Queue (ft)	61	109	121	22	61	
95th Queue (ft)	122	165	184	57	104	
Link Distance (ft)	61	198	198		363	
Upstream Blk Time (%)	7	0	0			
Queuing Penalty (veh)	7	0	1			
Storage Bay Dist (ft)				270		
Storage Blk Time (%)						
Queuing Penalty (veh)						

Intersection: 12: Center St

Directions Served Maximum Queue (ft) Average Queue (ft) 95th Queue (ft) Link Distance (ft) Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Movement	
Average Queue (ft) 95th Queue (ft) Link Distance (ft) Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Directions Served	
95th Queue (ft) Link Distance (ft) Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Maximum Queue (ft)	
Link Distance (ft) Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Average Queue (ft)	
Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	95th Queue (ft)	
Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Link Distance (ft)	
Storage Bay Dist (ft) Storage Blk Time (%)	Upstream Blk Time (%)	
Storage Blk Time (%)	Queuing Penalty (veh)	
	Storage Bay Dist (ft)	
Queuing Penalty (ven)	Queuing Penalty (veh)	

Intersection: 13: 600 West & Garden Drive

Movement	EB	NB
Directions Served	LR	L
Maximum Queue (ft)	31	30
Average Queue (ft)	2	2
95th Queue (ft)	15	14
Link Distance (ft)	228	
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		50
Storage Blk Time (%)		0
Queuing Penalty (veh)		0

Intersection: 15: Center St & 200 West

Movement	EB	SB	
Directions Served	L	LR	_
Maximum Queue (ft)	6	34	
Average Queue (ft)	0	9	
95th Queue (ft)	4	30	
Link Distance (ft)		442	
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)	100		
Storage Blk Time (%)			
Queuing Penalty (veh)			

Intersection: 17:

Movement	EB	EB	EB	WB	NB	SB
Directions Served	L	T	R	TR	LTR	LTR
Maximum Queue (ft)	60	118	62	125	23	35
Average Queue (ft)	12	58	4	64	6	11
95th Queue (ft)	42	91	27	99	22	35
Link Distance (ft)		357		457	169	132
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	50		60			
Storage Blk Time (%)	0	7	0	8		
Queuing Penalty (veh)	0	1	0	0		

Intersection: 18:

Movement	EB	EB	EB	WB	WB	WB	NB
Directions Served	T	T	T	T	T	T	LR
Maximum Queue (ft)	198	99	46	144	177	175	59
Average Queue (ft)	110	34	13	71	87	84	25
95th Queue (ft)	170	74	40	124	152	140	53
Link Distance (ft)	209	209	209	576	576	576	212
Upstream Blk Time (%)	0						
Queuing Penalty (veh)	0						
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 26: Center St

Movement	EB	SE
Directions Served	T	L
Maximum Queue (ft)	87	62
Average Queue (ft)	3	9
95th Queue (ft)	64	39
Link Distance (ft)	319	198
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 28: Center St

Movement	EB	EB	WB	WB
Directions Served	TR	R	T	Т
Maximum Queue (ft)	22	2	4	29
Average Queue (ft)	1	0	0	1
95th Queue (ft)	12	2	4	19
Link Distance (ft)	135	135	61	61
Upstream Blk Time (%)				0
Queuing Penalty (veh)				1
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Network Summary

Network wide Queuing Penalty: 38

HIGH-T SIGNAL 2022 PM

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	SBL2	SBL	SBR	NWL	NWR	NWR2
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	1.0	4.2	0.1	0.9	2.4	0.2	3.3	5.8	0.1	1.9	5.0	0.5
Total Del/Veh (s)	40.5	34.4	3.9	39.5	30.6	6.1	40.0	25.3	5.3	32.8	23.2	20.4

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	All	
Denied Delay (hr)	0.0	
Denied Del/Veh (s)	0.0	
Total Delay (hr)	25.3	
Total Del/Veh (s)	27.1	

6: Center St & 600 West Performance by movement

Movement	EBL	WBT	WBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.8	0.3	0.1	0.3	0.0	0.3	1.8
Total Del/Veh (s)	7.7	4.5	3.2	40.7	0.3	6.0	7.0

12: Center St Performance by movement

Movement	EBT	WBT	All
Denied Delay (hr)	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0
Total Delay (hr)	0.1	0.2	0.3
Total Del/Veh (s)	0.9	2.2	1.5

13: 600 West & Garden Drive Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.1
Total Del/Veh (s)	9.4	3.7	2.5	0.7	0.2	0.2	8.0

15: Center St & 200 West Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.1	0.0	0.0	0.0	0.0	0.2
Total Del/Veh (s)	4.3	1.1	0.1	0.1	13.3	3.3	0.9

17: Performance by movement

Movement	EBL	EBT	EBR	WBT	NBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Delay (hr)	0.0	1.3	0.0	0.7	0.0	0.0	2.0
Total Del/Veh (s)	8.3	9.8	5.4	7.3	4.9	3.2	8.6

18: Performance by movement

Movement	EBT	WBT	NBR	All
Denied Delay (hr)	0.1	0.0	0.0	0.1
Denied Del/Veh (s)	0.4	0.0	0.1	0.2
Total Delay (hr)	4.8	2.9	0.1	7.7
Total Del/Veh (s)	15.5	10.7	3.5	13.0

26: Center St Performance by movement

Movement	EBT	WBT	WBR	SEL	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.1	0.0	0.0	0.0	0.1
Total Del/Veh (s)	0.8	0.1	0.1	2.6	0.6

28: Center St Performance by movement

Movement	EBT	EBR	WBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Delay (hr)	0.3	0.3	0.1	0.7
Total Del/Veh (s)	2.9	2.3	0.6	1.8

Total Network Performance

Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.2
Total Delay (hr)	43.2
Total Del/Veh (s)	43.4

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	EB	EB	EB	EB	WB	WB	WB	WB	SB	SB	SB	SB
Directions Served	L	T	T	R	L	T	T	R	<	<	L	L
Maximum Queue (ft)	113	205	178	56	125	127	150	125	134	152	195	211
Average Queue (ft)	53	133	95	12	57	63	73	31	69	86	128	131
95th Queue (ft)	101	194	160	37	110	111	127	82	117	134	177	184
Link Distance (ft)		454	454		136	136	136				515	515
Upstream Blk Time (%)					0	0	0	0				
Queuing Penalty (veh)					1	0	1	0				
Storage Bay Dist (ft)	420			430				80	350	350		
Storage Blk Time (%)							8	0				
Queuing Penalty (veh)							9	0				

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	SB	SB	NW	NW	NW	NW	NW	NW	
Directions Served	L	R	L	L	R	R	R	>	
Maximum Queue (ft)	186	67	108	123	181	180	159	110	
Average Queue (ft)	107	19	36	60	112	111	82	42	
95th Queue (ft)	165	51	86	108	163	161	142	87	
Link Distance (ft)	515				1404	1404	1404		
Upstream Blk Time (%)									
Queuing Penalty (veh)									
Storage Bay Dist (ft)		430	430	430				425	
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 6: Center St & 600 West

Movement	EB	WB	WB	SB	SB
Directions Served	L	T	TR	L	R
Maximum Queue (ft)	176	94	112	69	116
Average Queue (ft)	90	24	35	23	55
95th Queue (ft)	158	72	85	60	88
Link Distance (ft)	60	191	191		362
Upstream Blk Time (%)	13		0		
Queuing Penalty (veh)	45		0		
Storage Bay Dist (ft)				270	
Storage Blk Time (%)					
Queuing Penalty (veh)					

Intersection: 12: Center St

Directions Served Maximum Queue (ft) Average Queue (ft) 95th Queue (ft) Link Distance (ft) Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Movement	
Average Queue (ft) 95th Queue (ft) Link Distance (ft) Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Directions Served	
95th Queue (ft) Link Distance (ft) Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Maximum Queue (ft)	
Link Distance (ft) Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Average Queue (ft)	
Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	95th Queue (ft)	
Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Link Distance (ft)	
Storage Bay Dist (ft) Storage Blk Time (%)	Upstream Blk Time (%)	
Storage Blk Time (%)	Queuing Penalty (veh)	
	Storage Bay Dist (ft)	
Queuing Penalty (ven)	Queuing Penalty (veh)	

Intersection: 13: 600 West & Garden Drive

Movement	EB	NB
Directions Served	LR	L
Maximum Queue (ft)	42	33
Average Queue (ft)	16	8
95th Queue (ft)	43	30
Link Distance (ft)	228	
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		50
Storage Blk Time (%)		0
Queuing Penalty (veh)		0

Intersection: 15: Center St & 200 West

Movement	EB	SB
Directions Served	L	LR
Maximum Queue (ft)	35	34
Average Queue (ft)	6	10
95th Queue (ft)	26	33
Link Distance (ft)		442
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)	100	
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 17:

Movement	EB	EB	EB	WB	NB	SB
Directions Served	L	T	R	TR	LTR	LTR
Maximum Queue (ft)	71	150	58	94	26	37
Average Queue (ft)	15	79	8	54	5	9
95th Queue (ft)	52	123	38	82	20	32
Link Distance (ft)		357		457	169	132
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	50		60			
Storage Blk Time (%)	0	17	0	4		
Queuing Penalty (veh)	0	4	0	0		

Intersection: 18:

Movement	EB	EB	EB	WB	WB	WB	B1	NB	
Directions Served	T	T	T	T	T	T	T	LR	
Maximum Queue (ft)	241	206	95	170	194	194	5	62	
Average Queue (ft)	197	94	37	80	101	106	0	22	
95th Queue (ft)	257	184	75	140	170	172	5	52	
Link Distance (ft)	209	209	209	576	576	576	515	212	
Upstream Blk Time (%)	8	0							
Queuing Penalty (veh)	0	0							
Storage Bay Dist (ft)									
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 26: Center St

Movement	EB	SE
Directions Served	T	L
Maximum Queue (ft)	129	54
Average Queue (ft)	5	5
95th Queue (ft)	78	28
Link Distance (ft)	311	191
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 28: Center St

Movement	EB	EB
Directions Served	TR	R
Maximum Queue (ft)	98	94
Average Queue (ft)	18	10
95th Queue (ft)	66	52
Link Distance (ft)	136	136
Upstream Blk Time (%)	0	0
Queuing Penalty (veh)	0	0
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Network Summary

Network wide Queuing Penalty: 61

HIGH-T SIGNAL 2030 AM

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	SBL2	SBL	SBT	SBR	NWL	NWR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.5	2.1	0.0	0.6	3.7	0.3	1.1	2.2	0.0	0.0	0.4	2.6
Total Del/Veh (s)	41.7	33.5	2.0	42.6	32.5	5.6	38.4	17.8	1.1	2.9	24.1	15.2

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	NWR2	All
Denied Delay (hr)	0.0	0.0
Denied Del/Veh (s)	0.0	0.0
Total Delay (hr)	0.1	13.5
Total Del/Veh (s)	13.9	21.6

6: Center St & 600 West Performance by movement

Movement	EBL	WBT	WBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0		0.0	0.0
Total Delay (hr)	0.2	0.2	0.0	0.4	0.0	0.5	1.3
Total Del/Veh (s)	6.4	2.0	1.2	39.5		7.2	5.8

12: Center St Performance by movement

Movement	EBT	WBT	All
Denied Delay (hr)	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0
Total Delay (hr)	0.0	0.3	0.3
Total Del/Veh (s)	0.4	2.3	1.6

13: 600 West & Garden Drive Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)		0.1	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)		3.8	2.0	0.4	0.2	0.3

15: Center St & 200 West Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)		0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)		0.6	0.1	0.1	16.5	4.0	0.4

17: Performance by movement

Movement	EBL	EBT	EBR	WBT	NBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Delay (hr)	0.0	0.6	0.0	0.9	0.0	0.0	1.5
Total Del/Veh (s)	6.1	7.5	3.3	7.9	5.0	3.3	7.6

18: Performance by movement

Movement	EBT	WBT	NBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.0	0.1	0.1
Total Delay (hr)	1.4	2.3	0.0	3.8
Total Del/Veh (s)	10.2	9.9	2.7	9.8

26: Center St Performance by movement

Movement	EBT	WBT	WBR	SEL	All	
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	
Denied Del/Veh (s)	0.0		0.0	0.0	0.0	
Total Delay (hr)	0.0	0.0	0.0	0.0	0.0	
Total Del/Veh (s)	0.3		0.1	0.6	0.2	

28: Center St Performance by movement

Movement	EBT	EBR	WBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Delay (hr)	0.1	0.1	0.1	0.3
Total Del/Veh (s)	2.2	1.6	0.6	1.0

Total Network Performance

Denied Delay (hr)	0.1	
Denied Del/Veh (s)	0.2	
Total Delay (hr)	23.5	
Total Del/Veh (s)	35.6	

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	EB	EB	EB	EB	WB	WB	WB	WB	SB	SB	SB	SB
Directions Served	L	T	Т	R	L	T	T	R	<	<	L	
Maximum Queue (ft)	74	161	125	36	95	158	217	136	74	88	129	115
Average Queue (ft)	26	80	42	7	35	94	114	64	19	38	71	58
95th Queue (ft)	62	138	105	22	74	150	190	144	52	75	112	104
Link Distance (ft)		454	454		136	136	136				515	515
Upstream Blk Time (%)					0	1	3	0				
Queuing Penalty (veh)					0	2	6	0				
Storage Bay Dist (ft)	420			430				80	350	350		
Storage Blk Time (%)							22	0				
Queuing Penalty (veh)							41	1				

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	SB	SB	NW	NW	NW	NW	NW	NW	
Directions Served	L	R	L	L	R	R	R	>	
Maximum Queue (ft)	92	35	35	52	138	140	116	43	
Average Queue (ft)	34	8	3	14	78	72	38	9	
95th Queue (ft)	75	28	18	38	127	124	94	31	
Link Distance (ft)	515				1404	1404	1404		
Upstream Blk Time (%)									
Queuing Penalty (veh)									
Storage Bay Dist (ft)		430	430	430				425	
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 6: Center St & 600 West

Movement	EB	WB	WB	SB	SB	
Directions Served	L	Т	TR	L	R	
Maximum Queue (ft)	124	72	85	84	127	
Average Queue (ft)	40	18	30	30	63	
95th Queue (ft)	88	53	72	67	104	
Link Distance (ft)	60	191	191		362	
Upstream Blk Time (%)	2					
Queuing Penalty (veh)	2					
Storage Bay Dist (ft)				270		
Storage Blk Time (%)						
Queuing Penalty (veh)						

Intersection: 12: Center St

Directions Served Maximum Queue (ft) Average Queue (ft) 95th Queue (ft) Link Distance (ft) Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Movement	
Average Queue (ft) 95th Queue (ft) Link Distance (ft) Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Directions Served	
95th Queue (ft) Link Distance (ft) Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Maximum Queue (ft)	
Link Distance (ft) Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Average Queue (ft)	
Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	95th Queue (ft)	
Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Link Distance (ft)	
Storage Bay Dist (ft) Storage Blk Time (%)	Upstream Blk Time (%)	
Storage Blk Time (%)	Queuing Penalty (veh)	
	Storage Bay Dist (ft)	
Queuing Penalty (ven)	Queuing Penalty (veh)	

Intersection: 13: 600 West & Garden Drive

Movement	EB	NB
Directions Served	LR	L
Maximum Queue (ft)	24	18
Average Queue (ft)	2	1
95th Queue (ft)	16	10
Link Distance (ft)	228	
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		50
Storage Blk Time (%)		0
Queuing Penalty (veh)		0

Intersection: 15: Center St & 200 West

Movement	EB	SB		
Directions Served	L	LR		
Maximum Queue (ft)	6	36		
Average Queue (ft)	0	8		
95th Queue (ft)	4	29		
Link Distance (ft)		442		
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)	100			
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 17:

Movement	EB	EB	EB	WB	NB	SB
Directions Served	L	T	R	TR	LTR	LTR
Maximum Queue (ft)	56	94	31	104	26	33
Average Queue (ft)	9	52	3	61	5	10
95th Queue (ft)	35	80	21	90	21	33
Link Distance (ft)		357		457	169	132
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	50		60			
Storage Blk Time (%)	0	4		7		
Queuing Penalty (veh)	0	1		0		

Intersection: 18:

Movement	EB	EB	EB	WB	WB	WB	NB
Directions Served	T	T	T	Т	T	Т	LR
Maximum Queue (ft)	176	75	44	140	169	170	59
Average Queue (ft)	90	27	13	77	97	93	21
95th Queue (ft)	140	60	38	124	152	149	51
Link Distance (ft)	209	209	209	576	576	576	212
Upstream Blk Time (%)	0						
Queuing Penalty (veh)	0						
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 26: Center St

Movement	SE
Directions Served	L
Maximum Queue (ft)	8
Average Queue (ft)	0
95th Queue (ft)	5
Link Distance (ft)	191
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 28: Center St

Movement	EB	EB	WB
Directions Served	TR	R	Т
Maximum Queue (ft)	20	12	26
Average Queue (ft)	1	1	1
95th Queue (ft)	15	9	15
Link Distance (ft)	136	136	60
Upstream Blk Time (%)			0
Queuing Penalty (veh)			0
Storage Bay Dist (ft)			
Storage Blk Time (%)			
Queuing Penalty (veh)			

Network Summary

Network wide Queuing Penalty: 54

HIGH-T SIGNAL 2030 PM

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	SBL2	SBL	SBT	SBR	NWL	NWR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	1.4	5.1	0.2	0.9	2.5	0.2	3.1	5.7	0.0	0.1	2.2	7.3
Total Del/Veh (s)	43.5	34.8	5.5	38.6	30.9	7.2	35.8	22.2	1.1	4.7	36.6	27.8

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	NWR2	All
Denied Delay (hr)	0.0	0.0
Denied Del/Veh (s)	0.0	0.0
Total Delay (hr)	0.7	29.4
Total Del/Veh (s)	23.4	27.6

6: Center St & 600 West Performance by movement

Movement	EBL	WBT	WBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	1.0	0.4	0.1	0.3	0.0	0.4	2.2
Total Del/Veh (s)	8.7	5.4	3.4	40.5	0.3	6.4	7.8

12: Center St Performance by movement

Movement	EBT	WBT	All
Denied Delay (hr)	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0
Total Delay (hr)	0.1	0.2	0.3
Total Del/Veh (s)	1.0	2.2	1.4

13: 600 West & Garden Drive Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.2
Total Del/Veh (s)	11.7	3.5	2.9	0.8	0.2	0.2	8.0

15: Center St & 200 West Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.2	0.0	0.0	0.0	0.0	0.2
Total Del/Veh (s)	4.5	1.2	0.1	0.1	18.9	3.0	1.0

17: Performance by movement

Movement	EBL	EBT	EBR	WBT	NBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Delay (hr)	0.0	1.4	0.0	0.6	0.0	0.0	2.1
Total Del/Veh (s)	8.3	10.4	7.0	7.0	4.8	3.2	9.0

18: Performance by movement

Movement	EBT	WBT	NBR	All
Denied Delay (hr)	0.2	0.0	0.0	0.2
Denied Del/Veh (s)	0.6	0.0	0.2	0.3
Total Delay (hr)	5.7	2.4	0.1	8.2
Total Del/Veh (s)	16.9	7.5	3.9	12.0

26: Center St Performance by movement

Movement	EBT	WBR	SEL	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Delay (hr)	0.1	0.0	0.0	0.2
Total Del/Veh (s)	1.1	0.1	2.0	0.7

28: Center St Performance by movement

Movement	EBT	EBR	WBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Delay (hr)	0.4	0.4	0.1	0.9
Total Del/Veh (s)	3.7	3.0	0.7	2.4

Total Network Performance

Denied Delay (hr)	0.3
Denied Del/Veh (s)	0.3
Total Delay (hr)	49.5
Total Del/Veh (s)	44.0

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	EB	EB	EB	EB	WB	WB	WB	WB	SB	SB	SB	SB
Directions Served	L	Т	Т	R	L	Т	T	R	<	<	L	L
Maximum Queue (ft)	149	255	221	72	130	133	168	128	156	167	170	193
Average Queue (ft)	72	153	114	20	58	65	75	37	71	90	116	125
95th Queue (ft)	130	222	187	54	106	114	133	95	128	143	162	175
Link Distance (ft)		454	454		136	136	136				515	515
Upstream Blk Time (%)					0	0	0	0				
Queuing Penalty (veh)					1	0	1	0				
Storage Bay Dist (ft)	420			430				80	350	350		
Storage Blk Time (%)							9	0				
Queuing Penalty (veh)							11	0				

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	SB	SB	NW	NW	NW	NW	NW	NW	
Directions Served	L	R	L	L	R	R	R	>	
Maximum Queue (ft)	177	61	115	132	212	209	191	124	
Average Queue (ft)	108	17	42	64	142	138	114	53	
95th Queue (ft)	163	45	92	109	197	196	176	104	
Link Distance (ft)	515				1404	1404	1404		
Upstream Blk Time (%)									
Queuing Penalty (veh)									
Storage Bay Dist (ft)		430	430	430				425	
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 6: Center St & 600 West

Movement	EB	WB	WB	SB	SB
Directions Served	L	T	TR	L	R
Maximum Queue (ft)	188	106	106	74	117
Average Queue (ft)	116	29	35	24	60
95th Queue (ft)	193	78	82	59	96
Link Distance (ft)	60	191	191		362
Upstream Blk Time (%)	18				
Queuing Penalty (veh)	73				
Storage Bay Dist (ft)				270	
Storage Blk Time (%)					
Queuing Penalty (veh)					

Intersection: 12: Center St

Movement	
Directions Served	
Maximum Queue (ft)	
Average Queue (ft)	
95th Queue (ft)	
Link Distance (ft)	
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 13: 600 West & Garden Drive

Movement	EB	NB
Directions Served	LR	L
Maximum Queue (ft)	48	40
Average Queue (ft)	19	10
95th Queue (ft)	45	35
Link Distance (ft)	228	
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		50
Storage Blk Time (%)		0
Queuing Penalty (veh)		0

Intersection: 15: Center St & 200 West

Movement	EB	SB	
Directions Served	L	LR	
Maximum Queue (ft)	38	37	
Average Queue (ft)	9	11	
95th Queue (ft)	32	35	
Link Distance (ft)		442	
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)	100		
Storage Blk Time (%)			
Queuing Penalty (veh)			

Intersection: 17:

Movement	EB	EB	EB	WB	NB	SB
Directions Served	L	T	R	TR	LTR	LTR
Maximum Queue (ft)	74	180	74	88	28	37
Average Queue (ft)	15	89	8	52	7	12
95th Queue (ft)	52	145	44	79	25	37
Link Distance (ft)		357		457	169	132
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	50		60			
Storage Blk Time (%)	0	21	0	3		
Queuing Penalty (veh)	0	4	0	0		

Intersection: 18:

Movement	EB	EB	EB	WB	WB	WB	NB
Directions Served	T	T	T	T	T	T	LR
Maximum Queue (ft)	238	212	106	129	157	172	75
Average Queue (ft)	209	114	42	61	77	88	27
95th Queue (ft)	257	201	81	111	134	146	58
Link Distance (ft)	209	209	209	576	576	576	212
Upstream Blk Time (%)	14	0					
Queuing Penalty (veh)	0	0					
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 26: Center St

Movement	EB	SE
Directions Served	T	L
Maximum Queue (ft)	130	47
Average Queue (ft)	6	3
95th Queue (ft)	90	22
Link Distance (ft)	311	191
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 28: Center St

Movement	EB	EB	WB
Directions Served	TR	R	T
Maximum Queue (ft)	156	152	3
Average Queue (ft)	39	28	0
95th Queue (ft)	112	99	3
Link Distance (ft)	136	136	60
Upstream Blk Time (%)	0	0	
Queuing Penalty (veh)	2	1	
Storage Bay Dist (ft)			
Storage Blk Time (%)			
Queuing Penalty (veh)			

Network Summary

Network wide Queuing Penalty: 94

HIGH-T SIGNAL 2050 AM

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	SBL2	SBL	SBR	NWL	NWR	NWR2
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.4	2.1	0.0	0.4	5.3	0.4	1.3	2.1	0.0	1.0	4.3	0.1
Total Del/Veh (s)	41.6	28.8	1.8	44.5	33.3	9.0	41.8	25.9	4.9	29.6	18.7	15.6

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	All	
Denied Delay (hr)	0.0	
Denied Del/Veh (s)	0.0	
Total Delay (hr)	17.7	
Total Del/Veh (s)	24.7	

6: Center St & 600 West Performance by movement

Movement	EBL	WBT	WBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.4	0.5	0.0	0.4	0.0	0.7	2.1
Total Del/Veh (s)	9.0	3.9	2.0	37.0	0.3	9.0	7.4

12: Center St Performance by movement

Movement	EBT	WBT	All
Denied Delay (hr)	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0
Total Delay (hr)	0.0	0.4	0.4
Total Del/Veh (s)	0.5	2.4	1.7

13: 600 West & Garden Drive Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	8.0	3.9	3.3	0.5	0.2	0.5

15: Center St & 200 West Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	6.2	0.6	0.2	0.1	20.4	4.8	0.5

17: Performance by movement

Movement	EBL	EBT	EBR	WBT	NBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Delay (hr)	0.0	0.6	0.0	1.3	0.0	0.0	1.9
Total Del/Veh (s)	6.4	7.4	4.2	8.9	4.3	3.3	8.2

18: Performance by movement

Movement	EBT	WBT	NBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.0	0.1	0.0
Total Delay (hr)	1.0	3.8	0.0	4.8
Total Del/Veh (s)	9.5	13.1	2.6	11.7

26: Center St Performance by movement

Movement	EBT	WBT	WBR	SEL	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0		0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.4		0.1	0.6	0.2

28: Center St Performance by movement

Movement	EBT	EBR	WBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Delay (hr)	0.1	0.1	0.2	0.4
Total Del/Veh (s)	2.1	1.6	1.0	1.3

Total Network Performance

Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.2
Total Delay (hr)	30.8
Total Del/Veh (s)	40.6

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	EB	EB	EB	EB	WB	WB	WB	WB	SB	SB	SB	SB
Directions Served	L	T	Т	R	L	Т	T	R	<	<	L	
Maximum Queue (ft)	76	160	126	29	76	212	257	136	85	95	135	116
Average Queue (ft)	25	84	46	4	24	124	164	85	22	42	77	57
95th Queue (ft)	60	143	109	16	58	184	262	171	58	82	120	105
Link Distance (ft)		454	454		136	136	136				515	515
Upstream Blk Time (%)					0	5	12	1				
Queuing Penalty (veh)					0	14	31	0				
Storage Bay Dist (ft)	420			430				80	350	350		
Storage Blk Time (%)							36	1				
Queuing Penalty (veh)							66	3				

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	SB	SB	NW	NW	NW	NW	NW	NW	
Directions Served	L	R	L	L	R	R	R	>	
Maximum Queue (ft)	87	48	69	86	177	172	147	70	
Average Queue (ft)	28	14	16	35	108	104	70	15	
95th Queue (ft)	68	38	49	71	160	159	134	49	
Link Distance (ft)	515				1404	1404	1404		
Upstream Blk Time (%)									
Queuing Penalty (veh)									
Storage Bay Dist (ft)		430	430	430				425	
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 6: Center St & 600 West

Movement	EB	WB	WB	SB	SB	
Directions Served	L	Т	TR	L	R	
Maximum Queue (ft)	132	103	112	84	157	
Average Queue (ft)	58	39	45	32	75	
95th Queue (ft)	110	89	93	69	124	
Link Distance (ft)	60	191	191		362	
Upstream Blk Time (%)	6					
Queuing Penalty (veh)	10					
Storage Bay Dist (ft)				270		
Storage Blk Time (%)						
Queuing Penalty (veh)						

Intersection: 12: Center St

Movement		
Directions Served		
Maximum Queue (ft)		
Average Queue (ft)		
95th Queue (ft)		
Link Distance (ft)		
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 13: 600 West & Garden Drive

Movement	EB	NB
Directions Served	LR	L
Maximum Queue (ft)	39	21
Average Queue (ft)	9	2
95th Queue (ft)	32	14
Link Distance (ft)	228	
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		50
Storage Blk Time (%)		0
Queuing Penalty (veh)		0

Intersection: 15: Center St & 200 West

Movement	EB	WB	SB
Directions Served	L	Т	LR
Maximum Queue (ft)	30	5	40
Average Queue (ft)	3	0	10
95th Queue (ft)	18	5	33
Link Distance (ft)		574	442
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)	100		
Storage Blk Time (%)			
Queuing Penalty (veh)			

Intersection: 17:

Movement	EB	EB	EB	WB	NB	SB
Directions Served	L	T	R	TR	LTR	LTR
Maximum Queue (ft)	43	104	45	144	23	32
Average Queue (ft)	8	56	5	71	4	11
95th Queue (ft)	32	87	26	111	17	35
Link Distance (ft)		357		457	169	132
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	50		60			
Storage Blk Time (%)	0	4	0	13		
Queuing Penalty (veh)	0	1	0	0		

Intersection: 18:

Movement	EB	EB	EB	WB	WB	WB	NB
Directions Served	T	T	T	T	T	Т	LR
Maximum Queue (ft)	131	52	48	197	219	230	49
Average Queue (ft)	72	16	13	108	136	137	20
95th Queue (ft)	117	46	40	174	212	217	47
Link Distance (ft)	209	209	209	576	576	576	212
Upstream Blk Time (%)							
Queuing Penalty (veh)							

Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%) Queuing Penalty (veh)

Intersection: 26: Center St

Movement	SE
Directions Served	L
Maximum Queue (ft)	5
Average Queue (ft)	0
95th Queue (ft)	4
Link Distance (ft)	191
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 28: Center St

Movement	EB	EB	WB
Directions Served	TR	R	Т
Maximum Queue (ft)	27	17	82
Average Queue (ft)	1	0	9
95th Queue (ft)	9	9	47
Link Distance (ft)	136	136	60
Upstream Blk Time (%)			1
Queuing Penalty (veh)			4
Storage Bay Dist (ft)			
Storage Blk Time (%)			
Queuing Penalty (veh)			

Network Summary

Network wide Queuing Penalty: 129

HIGH-T SIGNAL 2050 PM

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	SBL2	SBL	SBT	SBR	NWL	NWR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	1.1	5.6	0.2	0.9	3.2	0.1	3.3	5.1	0.0	0.1	1.8	3.7
Total Del/Veh (s)	42.0	34.4	4.8	40.7	29.0	5.2	36.5	23.2	2.6	5.6	32.9	25.3

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	NWR2	All
Denied Delay (hr)	0.0	0.0
Denied Del/Veh (s)	0.0	0.0
Total Delay (hr)	0.5	25.7
Total Del/Veh (s)	23.2	27.3

6: Center St & 600 West Performance by movement

Movement	EBL	WBT	WBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	1.0	0.5	0.1	0.4	0.0	0.6	2.6
Total Del/Veh (s)	8.7	6.6	4.1	36.2	0.5	7.3	8.6

12: Center St Performance by movement

Movement	EBT	EBR	WBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Delay (hr)	0.2	0.0	0.2	0.4
Total Del/Veh (s)	1.1	0.0	2.2	1.5

13: 600 West & Garden Drive Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.2
Total Del/Veh (s)	11.2	4.6	3.2	0.8	0.3	0.2	0.8

15: Center St & 200 West Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.2	0.0	0.0	0.0	0.0	0.3
Total Del/Veh (s)	4.3	1.3	0.2	0.1	10.0	2.8	1.0

17: Performance by movement

Movement	EBL	EBT	EBR	WBT	NBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Delay (hr)	0.0	1.8	0.0	0.6	0.0	0.0	2.5
Total Del/Veh (s)	9.1	11.3	8.5	7.1	4.7	2.9	9.7

18: Performance by movement

Movement	EBT	WBT	NBR	All
Denied Delay (hr)	0.1	0.0	0.0	0.1
Denied Del/Veh (s)	0.4	0.0	0.1	0.2
Total Delay (hr)	4.8	1.0	0.1	5.9
Total Del/Veh (s)	15.8	5.1	3.8	11.3

26: Center St Performance by movement

Movement	EBT	WBT	WBR	SEL	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.2	0.0	0.0	0.0	0.2
Total Del/Veh (s)	1.1	0.0	0.1	2.0	0.8

28: Center St Performance by movement

Movement	EBT	EBR	WBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Delay (hr)	0.5	0.5	0.1	1.1
Total Del/Veh (s)	4.0	3.1	0.7	2.5

Total Network Performance

Denied Delay (hr)	0.3	
Denied Del/Veh (s)	0.3	
Total Delay (hr)	43.3	
Total Del/Veh (s)	43.1	

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	EB	EB	EB	EB	WB	WB	WB	WB	SB	SB	SB	SB
Directions Served	L	T	T	R	L	Т	T	R	<	<	L	
Maximum Queue (ft)	128	260	222	76	126	146	213	136	152	173	162	180
Average Queue (ft)	59	163	127	18	56	86	106	43	77	95	106	112
95th Queue (ft)	111	235	205	53	104	138	175	122	132	150	152	161
Link Distance (ft)		454	454		136	136	136				515	515
Upstream Blk Time (%)					0	1	2	0				
Queuing Penalty (veh)					0	1	5	0				
Storage Bay Dist (ft)	420			430				80	350	350		
Storage Blk Time (%)							18	0				
Queuing Penalty (veh)							18	0				

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	SB	SB	NW	NW	NW	NW	NW	NW	
Directions Served	L	R	L	L	R	R	R	>	
Maximum Queue (ft)	166	76	106	119	156	150	141	110	
Average Queue (ft)	95	22	35	58	91	87	55	41	
95th Queue (ft)	150	52	85	105	140	138	117	86	
Link Distance (ft)	515				1404	1404	1404		
Upstream Blk Time (%)									
Queuing Penalty (veh)									
Storage Bay Dist (ft)		430	430	430				425	
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 6: Center St & 600 West

Movement	EB	WB	WB	SB	SB	
Directions Served	L	Т	TR	L	R	
Maximum Queue (ft)	186	95	112	86	162	
Average Queue (ft)	110	32	39	33	74	
95th Queue (ft)	185	80	87	71	122	
Link Distance (ft)	60	191	191		362	
Upstream Blk Time (%)	16					
Queuing Penalty (veh)	65					
Storage Bay Dist (ft)				270		
Storage Blk Time (%)					0	
Queuing Penalty (veh)					0	

Intersection: 12: Center St

Movement		
Directions Served		
Maximum Queue (ft)		
Average Queue (ft)		
95th Queue (ft)		
Link Distance (ft)		
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 13: 600 West & Garden Drive

Movement	EB	NB
Directions Served	LR	L
Maximum Queue (ft)	44	39
Average Queue (ft)	19	10
95th Queue (ft)	45	35
Link Distance (ft)	228	
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		50
Storage Blk Time (%)		0
Queuing Penalty (veh)		0

Intersection: 15: Center St & 200 West

Movement	EB	SB
Directions Served	L	LR
Maximum Queue (ft)	41	32
Average Queue (ft)	7	11
95th Queue (ft)	30	33
Link Distance (ft)		442
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)	100	
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 17:

Movement	EB	EB	EB	WB	NB	SB
Directions Served	L	T	R	TR	LTR	LTR
Maximum Queue (ft)	74	198	71	97	23	30
Average Queue (ft)	16	101	6	53	6	11
95th Queue (ft)	57	166	37	81	23	35
Link Distance (ft)		357		457	169	132
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	50		60			
Storage Blk Time (%)	0	27	0	4		
Queuing Penalty (veh)	0	6	0	0		

Intersection: 18:

Movement	EB	EB	EB	WB	WB	WB	NB
Directions Served	T	T	Т	Т	T	T	LR
Maximum Queue (ft)	244	202	89	95	120	122	67
Average Queue (ft)	198	91	35	43	47	53	28
95th Queue (ft)	258	180	70	78	94	97	58
Link Distance (ft)	209	209	209	576	576	576	212
Upstream Blk Time (%)	10	0					
Queuing Penalty (veh)	0	0					
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 26: Center St

Movement	EB	SE
Directions Served	Т	L
Maximum Queue (ft)	252	58
Average Queue (ft)	15	4
95th Queue (ft)	144	27
Link Distance (ft)	311	191
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 28: Center St

Movement	EB	EB	WB
Directions Served	TR	R	T
Maximum Queue (ft)	179	151	17
Average Queue (ft)	41	29	1
95th Queue (ft)	126	107	12
Link Distance (ft)	136	136	60
Upstream Blk Time (%)	1	0	0
Queuing Penalty (veh)	3	1	0
Storage Bay Dist (ft)			
Storage Blk Time (%)			
Queuing Penalty (veh)			

Network Summary

Network wide Queuing Penalty: 100

HIGH-T SIGNAL NEW ALIGNMENT 2022 AM

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	SBL2	SBL	SBT	SBR	NWL	NWR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.4	2.1	0.1	0.8	2.6	0.2	1.7	3.3	0.0	0.0	0.4	2.4
Total Del/Veh (s)	46.0	37.0	2.4	46.9	23.0	3.7	48.8	20.6	0.6	3.0	26.1	15.0

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	NWR2	All
Denied Delay (hr)	0.0	0.0
Denied Del/Veh (s)	0.0	0.0
Total Delay (hr)	0.1	14.0
Total Del/Veh (s)	12.6	21.6

6: Center St & 600 West Performance by movement

Movement	EBL	WBT	WBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.4	2.8	0.2	0.2	0.0	0.5	4.1
Total Del/Veh (s)	14.6	25.0	19.0	25.0	0.4	6.8	18.1

12: Center St Performance by movement

Movement	EBT	WBT	All
Denied Delay (hr)	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0
Total Delay (hr)	0.1	0.3	0.3
Total Del/Veh (s)	0.6	2.3	1.6

13: 600 West & Garden Drive Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)		0.1	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)		3.0	2.4	0.6	0.2	0.3

15: Center St & 200 West Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.1	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	2.7	0.7	0.1	0.0	15.9	3.4	0.5

Scenario 1 SimTraffic Report

17: Performance by movement

Movement	EBL	EBT	EBR	WBT	NBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Delay (hr)	0.0	0.7	0.0	0.9	0.0	0.0	1.6
Total Del/Veh (s)	6.5	8.4	4.2	8.0	5.0	2.9	8.0

18: Performance by movement

Movement	EBT	WBT	NBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.2	0.0	0.1	0.1
Total Delay (hr)	1.8	2.2	0.1	4.1
Total Del/Veh (s)	10.0	10.2	3.0	9.8

26: Center St Performance by movement

Movement	EBT	WBT	WBR	SEL	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0		0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	0.3		0.3	2.6	0.4

28: Center St Performance by movement

Movement	EBT	EBR	WBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.1	0.2	0.4
Total Del/Veh (s)	1.6	1.6	1.3	1.4

Total Network Performance

Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.2
Total Delay (hr)	27.5
Total Del/Veh (s)	39.9

Scenario 1 SimTraffic Report

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	EB	EB	EB	EB	WB	WB	WB	WB	SB	SB	SB	SB
Directions Served	L	Т	Т	R	L	T	T	R	<	<	L	
Maximum Queue (ft)	59	141	123	49	96	180	194	108	86	96	158	150
Average Queue (ft)	20	83	46	7	35	76	86	18	22	43	100	87
95th Queue (ft)	49	133	109	27	78	150	160	67	57	82	150	136
Link Distance (ft)		454	454		218	218	218				515	515
Upstream Blk Time (%)						0	0	0				
Queuing Penalty (veh)						0	0	0				
Storage Bay Dist (ft)	420			430				80	350	350		
Storage Blk Time (%)							7	0				
Queuing Penalty (veh)							12	0				

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	SB	SB	NW	NW	NW	NW	NW	NW	
Directions Served	L	R	L	L	R	R	R	>	
Maximum Queue (ft)	125	37	14	45	133	130	106	50	
Average Queue (ft)	60	9	1	10	71	67	31	10	
95th Queue (ft)	110	29	7	33	120	120	87	33	
Link Distance (ft)	515				1391	1391	1391		
Upstream Blk Time (%)									
Queuing Penalty (veh)									
Storage Bay Dist (ft)		430	430	430				425	
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 6: Center St & 600 West

Movement	EB	WB	WB	SB	SB	
Directions Served	L	T	TR	L	R	
Maximum Queue (ft)	127	161	240	56	144	
Average Queue (ft)	50	92	127	20	62	
95th Queue (ft)	104	145	207	49	111	
Link Distance (ft)	90	79	79		470	
Upstream Blk Time (%)	2	14	24			
Queuing Penalty (veh)	2	30	53			
Storage Bay Dist (ft)				270		
Storage Blk Time (%)						
Queuing Penalty (veh)						

Scenario 1 SimTraffic Report

Intersection: 12: Center St

Maximum Queue (ft) Average Queue (ft) 95th Queue (ft) Link Distance (ft) Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Movement	
Average Queue (ft) 95th Queue (ft) Link Distance (ft) Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Directions Served	
95th Queue (ft) Link Distance (ft) Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Maximum Queue (ft)	
Link Distance (ft) Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Average Queue (ft)	
Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	95th Queue (ft)	
Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Link Distance (ft)	
Storage Bay Dist (ft) Storage Blk Time (%)	Upstream Blk Time (%)	
Storage Blk Time (%)	Queuing Penalty (veh)	
Storage Blk Time (%)	Storage Bay Dist (ft)	
Quaying Panalty (yeh)	Storage Blk Time (%)	
Queuing Penalty (ven)	Queuing Penalty (veh)	

Intersection: 13: 600 West & Garden Drive

Movement	EB	NB
Directions Served	LR	L
Maximum Queue (ft)	28	22
Average Queue (ft)	2	1
95th Queue (ft)	14	12
Link Distance (ft)	295	
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		50
Storage Blk Time (%)		0
Queuing Penalty (veh)		0

Intersection: 15: Center St & 200 West

Movement	EB	SB
Directions Served	L	LR
Maximum Queue (ft)	12	37
Average Queue (ft)	0	10
95th Queue (ft)	6	32
Link Distance (ft)		442
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)	100	
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 17:

Movement	EB	EB	EB	WB	NB	SB
Directions Served	L	T	R	TR	LTR	LTR
Maximum Queue (ft)	53	126	41	111	23	30
Average Queue (ft)	11	61	3	63	4	10
95th Queue (ft)	38	97	22	93	18	33
Link Distance (ft)		357		457	169	132
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	50		60			
Storage Blk Time (%)	0	7	0	8		
Queuing Penalty (veh)	0	1	0	0		

Intersection: 18:

Movement	EB	EB	EB	WB	WB	WB	NB
Directions Served	T	T	T	T	T	T	LR
Maximum Queue (ft)	199	79	54	155	178	177	64
Average Queue (ft)	112	34	13	68	83	83	25
95th Queue (ft)	174	68	40	122	148	142	53
Link Distance (ft)	209	209	209	576	576	576	212
Upstream Blk Time (%)	0						
Queuing Penalty (veh)	0						
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 26: Center St

Movement	WB	SE
Directions Served	R	L
Maximum Queue (ft)	6	54
Average Queue (ft)	0	8
95th Queue (ft)	4	31
Link Distance (ft)	313	79
Upstream Blk Time (%)		0
Queuing Penalty (veh)		0
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

SimTraffic Report Scenario 1 Page 5

07/13/2023

Intersection: 28: Center St

Directions Served Maximum Queue (ft) Average Queue (ft) 95th Queue (ft) Link Distance (ft) Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Movement	
Average Queue (ft) 95th Queue (ft) Link Distance (ft) Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Directions Served	
95th Queue (ft) Link Distance (ft) Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Maximum Queue (ft)	
Link Distance (ft) Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Average Queue (ft)	
Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	95th Queue (ft)	
Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Link Distance (ft)	
Storage Bay Dist (ft) Storage Blk Time (%)	Upstream Blk Time (%)	
Storage Blk Time (%)	Queuing Penalty (veh)	
	Storage Bay Dist (ft)	
Queuing Penalty (ven)	Queuing Penalty (veh)	

Network Summary

Network wide Queuing Penalty: 99

HIGH-T SIGNAL NEW ALIGNMENT 2022 PM

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	SBL2	SBL	SBR	NWL	NWR	NWR2
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	1.2	4.1	0.2	8.0	1.7	0.1	3.3	5.9	0.1	1.8	5.0	0.5
Total Del/Veh (s)	42.3	33.8	4.2	34.4	21.1	4.6	42.0	25.6	5.7	32.7	22.9	20.2

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	All	
Denied Delay (hr)	0.0	
Denied Del/Veh (s)	0.0	
Total Delay (hr)	24.7	
Total Del/Veh (s)	26.2	

6: Center St & 600 West Performance by movement

Movement	EBL	WBT	WBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.8	2.0	0.3	0.2	0.0	0.3	3.6
Total Del/Veh (s)	8.5	24.4	15.7	25.7	0.2	5.4	13.8

12: Center St Performance by movement

Movement	EBT	WBT	All
Denied Delay (hr)	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0
Total Delay (hr)	0.1	0.2	0.3
Total Del/Veh (s)	0.8	2.2	1.4

13: 600 West & Garden Drive Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.1
Total Del/Veh (s)	9.3	3.5	2.7	0.7	0.2	0.1	0.8

15: Center St & 200 West Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.1	0.0	0.0	0.0	0.0	0.2
Total Del/Veh (s)	4.4	0.8	0.1	0.1	18.6	3.7	0.7

17: Performance by movement

Movement	EBL	EBT	EBR	WBT	NBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Delay (hr)	0.0	1.2	0.0	0.7	0.0	0.0	2.0
Total Del/Veh (s)	7.5	9.5	5.2	7.4	4.5	2.8	8.4

18: Performance by movement

Movement	EBT	WBT	NBR	All
Denied Delay (hr)	0.1	0.0	0.0	0.1
Denied Del/Veh (s)	0.4	0.0	0.1	0.2
Total Delay (hr)	4.8	2.9	0.1	7.7
Total Del/Veh (s)	15.7	10.6	3.3	13.0

26: Center St Performance by movement

Movement	EBT	WBT	WBR	SEL	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0		0.0	0.0	0.0
Total Delay (hr)	0.1	0.0	0.0	0.0	0.1
Total Del/Veh (s)	0.5		0.3	1.9	0.5

28: Center St Performance by movement

Movement	EBT	EBR	WBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Delay (hr)	0.2	0.3	0.2	0.7
Total Del/Veh (s)	2.3	2.2	1.3	1.9

Total Network Performance

Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.2
Total Delay (hr)	44.3
Total Del/Veh (s)	44.3

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	EB	EB	EB	EB	WB	WB	WB	WB	SB	SB	SB	SB
Directions Served	L	Т	T	R	L	Т	T	R	<	<	L	L
Maximum Queue (ft)	138	212	180	66	122	125	127	67	136	158	190	194
Average Queue (ft)	64	133	97	16	43	53	63	13	62	81	126	129
95th Queue (ft)	118	192	164	46	92	106	113	41	116	132	172	179
Link Distance (ft)		454	454		218	218	218				515	515
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	420			430				80	350	350		
Storage Blk Time (%)							3	0				
Queuing Penalty (veh)							4	0				

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	SB	SB	NW	NW	NW	NW	NW	NW	
Directions Served	L	R	L	L	R	R	R	>	
Maximum Queue (ft)	184	59	91	108	181	180	157	114	
Average Queue (ft)	108	20	28	53	110	107	77	40	
95th Queue (ft)	166	48	73	96	159	162	140	90	
Link Distance (ft)	515				1391	1391	1391		
Upstream Blk Time (%)									
Queuing Penalty (veh)									
Storage Bay Dist (ft)		430	430	430				425	
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 6: Center St & 600 West

Movement	EB	WB	WB	SB	SB	
Directions Served	L	T	TR	L	R	
Maximum Queue (ft)	199	151	190	63	104	
Average Queue (ft)	88	76	98	18	52	
95th Queue (ft)	159	124	166	48	85	
Link Distance (ft)	90	79	79		470	
Upstream Blk Time (%)	7	8	16			
Queuing Penalty (veh)	23	13	28			
Storage Bay Dist (ft)				270		
Storage Blk Time (%)						
Queuing Penalty (veh)						

Intersection: 12: Center St

Movement			
Directions Served			
Maximum Queue (ft)			
Average Queue (ft)			
95th Queue (ft)			
Link Distance (ft)			
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)			
Storage Blk Time (%)			
Queuing Penalty (veh)			

Intersection: 13: 600 West & Garden Drive

Movement	EB	NB	SB
Directions Served	LR	L	TR
Maximum Queue (ft)	40	29	2
Average Queue (ft)	17	6	0
95th Queue (ft)	43	27	2
Link Distance (ft)	295		389
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)		50	
Storage Blk Time (%)		0	
Queuing Penalty (veh)		0	

Intersection: 15: Center St & 200 West

Movement	EB	SB
Directions Served	L	LR
Maximum Queue (ft)	33	33
Average Queue (ft)	6	8
95th Queue (ft)	27	28
Link Distance (ft)		442
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)	100	
Storage Blk Time (%)		
Queuing Penalty (veh)		

SimTraffic Report Scenario 1

Intersection: 17:

Movement	EB	EB	EB	WB	NB	SB
Directions Served	L	T	R	TR	LTR	LTR
Maximum Queue (ft)	69	161	69	100	23	30
Average Queue (ft)	14	77	8	55	4	10
95th Queue (ft)	47	129	37	82	17	33
Link Distance (ft)		357		457	169	132
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	50		60			
Storage Blk Time (%)	0	15	0	5		
Queuing Penalty (veh)	0	3	0	0		

Intersection: 18:

Movement	EB	EB	EB	WB	WB	WB	B1	NB	
Directions Served	T	T	T	T	T	T	T	LR	
Maximum Queue (ft)	244	212	93	154	189	191	2	58	
Average Queue (ft)	197	100	36	78	99	104	0	21	
95th Queue (ft)	257	192	75	130	164	166	2	50	
Link Distance (ft)	209	209	209	576	576	576	515	212	
Upstream Blk Time (%)	9	0							
Queuing Penalty (veh)	0	0							
Storage Bay Dist (ft)									
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 26: Center St

Movement	EB	WB	SE
Directions Served	T	R	L
Maximum Queue (ft)	75	3	43
Average Queue (ft)	1	0	4
95th Queue (ft)	40	3	24
Link Distance (ft)	231	313	79
Upstream Blk Time (%)			0
Queuing Penalty (veh)			0
Storage Bay Dist (ft)			
Storage Blk Time (%)			
Queuing Penalty (veh)			

SimTraffic Report Scenario 1 Page 5

07/13/2023

Intersection: 28: Center St

Movement	EB	EB
Directions Served	TR	R
Maximum Queue (ft)	66	46
Average Queue (ft)	5	2
95th Queue (ft)	33	21
Link Distance (ft)	218	218
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Network Summary

Network wide Queuing Penalty: 72

SimTraffic Report Page 6 Scenario 1

HIGH-T SIGNAL NEW ALIGNMENT 2030 AM

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	SBL2	SBL	SBT	SBR	NWL	NWR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
Total Delay (hr)	0.5	2.3	0.1	0.7	2.9	0.2	1.3	2.4	0.0	0.0	0.5	2.5
Total Del/Veh (s)	45.0	36.6	2.1	50.2	25.1	4.0	48.2	19.6		3.2	29.9	14.8

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	NWR2	All
Denied Delay (hr)	0.0	0.0
Denied Del/Veh (s)	0.0	0.0
Total Delay (hr)	0.1	13.4
Total Del/Veh (s)	13.6	21.4

6: Center St & 600 West Performance by movement

Movement	EBL	WBT	WBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0		0.0	0.0
Total Delay (hr)	0.5	2.9	0.2	0.2	0.0	0.5	4.2
Total Del/Veh (s)	16.9	25.3	16.4	21.4		6.8	18.3

12: Center St Performance by movement

Movement	EBT	WBT	All
Denied Delay (hr)	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0
Total Delay (hr)	0.1	0.3	0.3
Total Del/Veh (s)	0.6	2.3	1.7

13: 600 West & Garden Drive Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.3	2.9	2.1	0.6	0.2	0.4

15: Center St & 200 West Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	8.7	0.6	0.1	0.1	13.5	3.5	0.4

17: Performance by movement

Movement	EBL	EBT	EBR	WBT	NBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Delay (hr)	0.0	0.6	0.0	1.0	0.0	0.0	1.6
Total Del/Veh (s)	7.1	8.4	4.7	8.0	4.5	3.3	8.0

18: Performance by movement

Movement	EBT	WBT	NBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.0	0.1	0.1
Total Delay (hr)	1.3	2.4	0.0	3.7
Total Del/Veh (s)	9.5	10.1	2.7	9.6

26: Center St Performance by movement

Movement	EBT	WBT	WBR	SEL	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0		0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	0.3		0.3	3.7	0.5

28: Center St Performance by movement

Movement	EBT	EBR	WBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.1	0.2	0.4
Total Del/Veh (s)	1.7	1.7	1.3	1.4

Total Network Performance

Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.2
Total Delay (hr)	26.6
Total Del/Veh (s)	39.8

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	EB	EB	EB	EB	WB	WB	WB	WB	SB	SB	SB	SB
Directions Served	L	Т	Т	R	L	T	T	R	<	<	L	L
Maximum Queue (ft)	82	156	127	37	88	169	180	130	64	84	142	132
Average Queue (ft)	26	87	49	7	28	82	90	24	16	35	86	69
95th Queue (ft)	64	141	115	24	67	151	157	78	45	72	132	119
Link Distance (ft)		454	454		218	218	218				515	515
Upstream Blk Time (%)						0	0	0				
Queuing Penalty (veh)						0	0	0				
Storage Bay Dist (ft)	420			430				80	350	350		
Storage Blk Time (%)							8	0				
Queuing Penalty (veh)							16	0				

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	SB	SB	NW	NW	NW	NW	NW	NW	
Directions Served	L	R	L	L	R	R	R	>	
Maximum Queue (ft)	102	29	27	51	134	131	111	42	
Average Queue (ft)	39	9	1	12	73	73	35	8	
95th Queue (ft)	87	29	12	37	123	125	92	28	
Link Distance (ft)	515				1391	1391	1391		
Upstream Blk Time (%)									
Queuing Penalty (veh)									
Storage Bay Dist (ft)		430	430	430				425	
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 6: Center St & 600 West

Movement	EB	WB	WB	SB	SB	
Directions Served	L	T	TR	L	R	
Maximum Queue (ft)	144	168	226	67	138	
Average Queue (ft)	57	96	129	21	62	
95th Queue (ft)	114	148	204	54	111	
Link Distance (ft)	90	79	79		470	
Upstream Blk Time (%)	3	15	24			
Queuing Penalty (veh)	3	34	53			
Storage Bay Dist (ft)				270		
Storage Blk Time (%)						
Queuing Penalty (veh)						

Intersection: 12: Center St

Movement	
Directions Served	
Maximum Queue (ft)	
Average Queue (ft)	
95th Queue (ft)	
Link Distance (ft)	
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 13: 600 West & Garden Drive

Movement	EB	NB
Directions Served	LR	L
Maximum Queue (ft)	30	18
Average Queue (ft)	2	1
95th Queue (ft)	16	10
Link Distance (ft)	295	
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		50
Storage Blk Time (%)		0
Queuing Penalty (veh)		0

Intersection: 15: Center St & 200 West

Movement	EB	SB
Directions Served	L	LR
Maximum Queue (ft)	12	30
Average Queue (ft)	1	8
95th Queue (ft)	8	28
Link Distance (ft)		442
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)	100	
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 17:

Movement	EB	EB	EB	WB	NB	SB
Directions Served	L	T	R	TR	LTR	LTR
Maximum Queue (ft)	71	127	41	124	23	34
Average Queue (ft)	13	60	4	63	5	11
95th Queue (ft)	46	98	23	96	20	35
Link Distance (ft)		357		457	169	132
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	50		60			
Storage Blk Time (%)	0	6	0	8		
Queuing Penalty (veh)	0	1	0	0		

Intersection: 18:

Movement	EB	EB	EB	WB	WB	WB	NB
Directions Served	T	T	T	T	T	T	LR
Maximum Queue (ft)	158	70	42	148	173	164	53
Average Queue (ft)	92	26	10	73	86	84	20
95th Queue (ft)	144	59	35	126	147	138	48
Link Distance (ft)	209	209	209	576	576	576	212
Upstream Blk Time (%)							
Oueuing Penalty (veh)							

Queuing Penalty (veh)

Storage Bay Dist (ft) Storage Blk Time (%)

Queuing Penalty (veh)

Intersection: 26: Center St

Movement	WB	SE
Directions Served	R	L
Maximum Queue (ft)	2	72
Average Queue (ft)	0	12
95th Queue (ft)	2	45
Link Distance (ft)	313	79
Upstream Blk Time (%)		0
Queuing Penalty (veh)		0
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

SimTraffic Report Scenario 1

07/13/2023

Intersection: 28: Center St

Movement		
Directions Served		
Maximum Queue (ft)		
Average Queue (ft)		
95th Queue (ft)		
Link Distance (ft)		
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Network Summary

Network wide Queuing Penalty: 108

HIGH-T SIGNAL NEW ALIGNMENT 2030 PM

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	SBL2	SBL	SBT	SBR	NWL	NWR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	1.1	4.9	0.2	0.9	1.8	0.2	2.9	6.2	0.0	0.0	2.3	7.2
Total Del/Veh (s)	37.6	33.2	5.9	40.2	22.2	5.7	34.6	24.3	0.4	2.9	38.3	26.9

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	NWR2	All
Denied Delay (hr)	0.0	0.0
Denied Del/Veh (s)	0.0	0.0
Total Delay (hr)	0.4	28.3
Total Del/Veh (s)	16.4	26.4

6: Center St & 600 West Performance by movement

Movement	EBL	WBT	WBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	1.3	1.6	0.2	0.2	0.0	0.3	3.6
Total Del/Veh (s)	10.6	21.0	11.8	19.6	0.0	5.4	12.5

12: Center St Performance by movement

Movement	EBT	WBT	All
Denied Delay (hr)	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0
Total Delay (hr)	0.1	0.2	0.3
Total Del/Veh (s)	0.9	2.2	1.4

13: 600 West & Garden Drive Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.2
Total Del/Veh (s)	22.6	2.9	3.8	1.0	0.2	0.1	1.0

15: Center St & 200 West Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.1	0.0	0.0	0.0	0.0	0.2
Total Del/Veh (s)	3.3	0.9	0.2	0.1	15.8	3.5	0.8

07/13/2023

17: Performance by movement

Movement	EBL	EBT	EBR	WBT	NBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Delay (hr)	0.0	1.4	0.0	0.6	0.0	0.0	2.1
Total Del/Veh (s)	7.9	10.4	6.2	7.3	4.7	2.4	8.9

18: Performance by movement

Movement	EBT	WBT	NBR	All
Denied Delay (hr)	0.2	0.0	0.0	0.2
Denied Del/Veh (s)	0.5	0.0	0.1	0.2
Total Delay (hr)	5.4	2.5	0.1	8.0
Total Del/Veh (s)	16.4	7.6	4.3	11.8

26: Center St Performance by movement

Movement	EBT	WBR	SEL	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Delay (hr)	0.1	0.0	0.0	0.1
Total Del/Veh (s)	0.6	0.2	2.7	0.5

28: Center St Performance by movement

Movement	EBT	EBR	WBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Delay (hr)	0.3	0.3	0.2	0.8
Total Del/Veh (s)	2.8	2.4	1.1	2.1

Total Network Performance

Denied Delay (hr)	0.3
Denied Del/Veh (s)	0.3
Total Delay (hr)	49.5
Total Del/Veh (s)	44.0

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	EB	EB	EB	EB	WB	WB	WB	WB	SB	SB	SB	SB
Directions Served	L	Т	T	R	L	T	Т	R	<	<	L	
Maximum Queue (ft)	148	311	217	90	95	160	113	69	101	168	192	221
Average Queue (ft)	62	156	117	22	45	54	52	20	62	82	121	130
95th Queue (ft)	122	233	181	59	79	118	102	54	112	129	174	195
Link Distance (ft)		454	454		218	218	218				515	515
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	420			430				80	350	350		
Storage Blk Time (%)							3	0				
Queuing Penalty (veh)							4	0				

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	SB	SB	NW	NW	NW	NW	NW	NW	
Directions Served	L	R	L	L	R	R	R	>	
Maximum Queue (ft)	187	54	101	117	218	216	197	111	
Average Queue (ft)	116	19	28	57	145	140	123	50	
95th Queue (ft)	176	44	67	93	203	192	178	95	
Link Distance (ft)	515				1391	1391	1391		
Upstream Blk Time (%)									
Queuing Penalty (veh)									
Storage Bay Dist (ft)		430	430	430				425	
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 6: Center St & 600 West

Movement	EB	WB	WB	SB	SB
Directions Served	L	T	TR	L	R
Maximum Queue (ft)	233	97	223	71	158
Average Queue (ft)	122	65	80	19	56
95th Queue (ft)	200	104	156	51	106
Link Distance (ft)	90	79	79		470
Upstream Blk Time (%)	13	5	8		
Queuing Penalty (veh)	55	8	13		
Storage Bay Dist (ft)				270	
Storage Blk Time (%)					
Queuing Penalty (veh)					

Intersection: 12: Center St

Maximum Queue (ft) Average Queue (ft) 95th Queue (ft) Link Distance (ft) Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Movement	
Average Queue (ft) 95th Queue (ft) Link Distance (ft) Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Directions Served	
95th Queue (ft) Link Distance (ft) Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Maximum Queue (ft)	
Link Distance (ft) Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Average Queue (ft)	
Upstream Blk Time (%) Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	95th Queue (ft)	
Queuing Penalty (veh) Storage Bay Dist (ft) Storage Blk Time (%)	Link Distance (ft)	
Storage Bay Dist (ft) Storage Blk Time (%)	Upstream Blk Time (%)	
Storage Blk Time (%)	Queuing Penalty (veh)	
Storage Blk Time (%)	Storage Bay Dist (ft)	
Quaying Panalty (yeh)	Storage Blk Time (%)	
Queuing Penalty (ven)	Queuing Penalty (veh)	

Intersection: 13: 600 West & Garden Drive

Movement	EB	NB
Directions Served	LR	L
Maximum Queue (ft)	31	67
Average Queue (ft)	15	13
95th Queue (ft)	40	44
Link Distance (ft)	295	
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		50
Storage Blk Time (%)		0
Queuing Penalty (veh)		1

Intersection: 15: Center St & 200 West

Movement	EB	SB
Directions Served	L	LR
Maximum Queue (ft)	31	28
Average Queue (ft)	5	13
95th Queue (ft)	24	35
Link Distance (ft)		442
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)	100	
Storage Blk Time (%)		
Queuing Penalty (veh)		

SimTraffic Report Scenario 1 Page 4

Intersection: 17:

Movement	EB	EB	EB	WB	NB	SB
Directions Served	L	T	R	TR	LTR	LTR
Maximum Queue (ft)	74	178	79	100	23	30
Average Queue (ft)	17	91	11	53	5	16
95th Queue (ft)	51	142	51	80	20	40
Link Distance (ft)		357		457	169	132
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	50		60			
Storage Blk Time (%)		21	0	4		
Queuing Penalty (veh)		4	0	0		

Intersection: 18:

Movement	EB	EB	EB	WB	WB	WB	NB
Directions Served	Т	T	T	T	T	T	LR
Maximum Queue (ft)	243	224	98	125	161	178	94
Average Queue (ft)	207	112	47	54	81	96	32
95th Queue (ft)	261	193	84	103	143	159	67
Link Distance (ft)	209	209	209	576	576	576	212
Upstream Blk Time (%)	12	0					
Queuing Penalty (veh)	0	0					
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 26: Center St

Movement	SE
Directions Served	L
Maximum Queue (ft)	56
Average Queue (ft)	6
95th Queue (ft)	28
Link Distance (ft)	79
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 28: Center St

Movement	EB	EB
Directions Served	TR	R
Maximum Queue (ft)	103	97
Average Queue (ft)	15	16
95th Queue (ft)	62	64
Link Distance (ft)	218	218
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Network Summary

Network wide Queuing Penalty: 86

SimTraffic Report Page 6 Scenario 1

HIGH-T SIGNAL NEW ALIGNMENT 2050 AM

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	SBL2	SBL	SBR	NWL	NWR	NWR2
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.5	2.1	0.0	0.5	5.5	0.4	1.3	2.1	0.0	0.9	4.6	0.1
Total Del/Veh (s)	41.0	28.9	1.7	53.0	34.1	7.1	40.5	25.0	5.4	27.5	20.0	16.6

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	All	
Denied Delay (hr)	0.0	
Denied Del/Veh (s)	0.0	
Total Delay (hr)	18.1	
Total Del/Veh (s)	25.1	

6: Center St & 600 West Performance by movement

Movement	EBL	WBT	WBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.9	3.4	0.3	0.3	0.0	0.7	5.5
Total Del/Veh (s)	18.5	25.3	18.1	23.4	0.2	7.9	18.8

12: Center St Performance by movement

Movement	EBT	WBT	All
Denied Delay (hr)	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0
Total Delay (hr)	0.0	0.4	0.4
Total Del/Veh (s)	0.6	2.4	1.7

13: 600 West & Garden Drive Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	8.8	4.3	3.7	0.7	0.2	0.5

15: Center St & 200 West Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	5.3	0.5	0.2	0.0	13.7	3.6	0.5

17: Performance by movement

Movement	EBL	EBT	EBR	WBT	NBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.1	0.1	0.0
Total Delay (hr)	0.0	0.6	0.0	1.3	0.0	0.0	1.9
Total Del/Veh (s)	6.6	7.9	4.0	9.1	4.2	3.2	8.5

18: Performance by movement

Movement	EBT	WBT	NBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.2	0.0	0.1	0.0
Total Delay (hr)	1.0	3.8	0.0	4.8
Total Del/Veh (s)	9.6	13.1	2.6	11.8

26: Center St Performance by movement

Movement	EBT	WBT	WBR	SEL	All	
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	
Denied Del/Veh (s)	0.0		0.0	0.0	0.0	
Total Delay (hr)	0.0	0.0	0.1	0.0	0.1	
Total Del/Veh (s)	0.3		0.4	1.5	0.4	

28: Center St Performance by movement

Movement	EBT	EBR	WBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Delay (hr)	0.1	0.1	0.3	0.5
Total Del/Veh (s)	1.7	1.6	1.4	1.5

Total Network Performance

Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.2
Total Delay (hr)	34.8
Total Del/Veh (s)	45.6

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	EB	EB	EB	EB	WB	WB	WB	WB	SB	SB	SB	SB
Directions Served	L	Т	Т	R	L	Т	T	R	<	<	L	
Maximum Queue (ft)	83	164	131	29	66	208	265	201	82	92	123	115
Average Queue (ft)	26	89	48	5	19	99	120	34	20	39	70	56
95th Queue (ft)	63	144	115	18	50	178	212	112	57	79	111	101
Link Distance (ft)		454	454		218	218	218				515	515
Upstream Blk Time (%)						0	1	0				
Queuing Penalty (veh)						0	2	0				
Storage Bay Dist (ft)	420			430				80	350	350		
Storage Blk Time (%)							27	1				
Queuing Penalty (veh)							50	1				

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	SB	SB	NW	NW	NW	NW	NW	NW
Directions Served	L	R	L	L	R	R	R	>
Maximum Queue (ft)	77	52	59	78	172	186	151	68
Average Queue (ft)	25	15	8	26	107	106	74	15
95th Queue (ft)	61	41	33	61	161	165	136	45
Link Distance (ft)	515				1391	1391	1391	
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)		430	430	430				425
Storage Blk Time (%)								
Queuing Penalty (veh)								

Intersection: 6: Center St & 600 West

Movement	EB	WB	WB	SB	SB	
Directions Served	L	T	TR	L	R	
Maximum Queue (ft)	189	169	236	71	172	
Average Queue (ft)	86	104	142	24	76	
95th Queue (ft)	151	154	215	60	136	
Link Distance (ft)	90	79	79		470	
Upstream Blk Time (%)	7	20	30			
Queuing Penalty (veh)	11	56	82			
Storage Bay Dist (ft)				270		
Storage Blk Time (%)						
Queuing Penalty (veh)						

Intersection: 12: Center St

vement
ections Served
ximum Queue (ft)
erage Queue (ft)
n Queue (ft)
c Distance (ft)
stream Blk Time (%)
euing Penalty (veh)
rage Bay Dist (ft)
rage Blk Time (%)
euing Penalty (veh)

Intersection: 13: 600 West & Garden Drive

Movement	EB	NB
Directions Served	LR	L
Maximum Queue (ft)	35	21
Average Queue (ft)	9	2
95th Queue (ft)	32	13
Link Distance (ft)	295	
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		50
Storage Blk Time (%)		0
Queuing Penalty (veh)		0

Intersection: 15: Center St & 200 West

Movement	EB	SB
Directions Served	L	LR
Maximum Queue (ft)	31	38
Average Queue (ft)	3	11
95th Queue (ft)	19	34
Link Distance (ft)		442
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)	100	
Storage Blk Time (%)		
Queuing Penalty (veh)		

SimTraffic Report Scenario 1 Page 4

Intersection: 17:

Movement	EB	EB	EB	WB	NB	SB
Directions Served	L	Т	R	TR	LTR	LTR
Maximum Queue (ft)	40	113	35	164	23	30
Average Queue (ft)	9	55	4	75	4	11
95th Queue (ft)	32	87	20	122	19	34
Link Distance (ft)		357		457	169	132
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	50		60			
Storage Blk Time (%)	0	5	0	14		
Queuing Penalty (veh)	0	1	0	0		

Intersection: 18:

Movement	EB	EB	EB	WB	WB	WB	NB
Directions Served	Т	T	T	T	T	T	LR
Maximum Queue (ft)	147	57	54	199	224	228	57
Average Queue (ft)	75	17	13	114	140	140	20
95th Queue (ft)	121	47	41	180	216	222	48
Link Distance (ft)	209	209	209	576	576	576	212
Upstream Blk Time (%)							
Queuing Penalty (veh)							

Storage Bay Dist (ft)
Storage Blk Time (%)

Queuing Penalty (veh)

Intersection: 26: Center St

Movement	WB	SE
Directions Served	R	L
Maximum Queue (ft)	7	53
Average Queue (ft)	0	6
95th Queue (ft)	4	31
Link Distance (ft)	313	79
Upstream Blk Time (%)		0
Queuing Penalty (veh)		0
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

SimTraffic Report Scenario 1

Intersection: 28: Center St

Movement	EB	EB	WB
Directions Served	TR	R	T
Maximum Queue (ft)	10	3	7
Average Queue (ft)	0	0	0
95th Queue (ft)	7	4	5
Link Distance (ft)	218	218	90
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)			
Storage Blk Time (%)			
Queuing Penalty (veh)			

Network Summary

Network wide Queuing Penalty: 203

SimTraffic Report Page 6 Scenario 1

HIGH-T SIGNAL NEW ALIGNMENT 2050 PM

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	SBL2	SBL	SBT	SBR	NWL	NWR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	1.0	5.3	0.2	0.8	2.5	0.1	3.2	5.2	0.0	0.1	1.7	3.8
Total Del/Veh (s)	40.2	33.3	4.4	34.3	23.0	4.2	36.3	23.4	1.3	5.2	31.5	25.1

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	NWR2	All
Denied Delay (hr)	0.0	0.0
Denied Del/Veh (s)	0.0	0.0
Total Delay (hr)	0.4	24.3
Total Del/Veh (s)	20.3	25.9

6: Center St & 600 West Performance by movement

Movement	EBL	WBT	WBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	1.1	2.0	0.3	0.3	0.0	0.5	4.1
Total Del/Veh (s)	9.3	26.6	14.7	26.1	0.2	6.1	13.6

12: Center St Performance by movement

Movement	EBT	EBR	WBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Delay (hr)	0.2	0.0	0.2	0.4
Total Del/Veh (s)	1.0	0.0	2.2	1.4

13: 600 West & Garden Drive Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.2
Total Del/Veh (s)	12.9	4.7	3.4	0.8	0.3	0.1	0.9

15: Center St & 200 West Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.2	0.0	0.0	0.0	0.0	0.2
Total Del/Veh (s)	4.3	1.0	0.1	0.1	16.0	3.0	0.8

17: Performance by movement

Movement	EBL	EBT	EBR	WBT	NBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Delay (hr)	0.0	1.7	0.0	0.6	0.0	0.0	2.4
Total Del/Veh (s)	8.8	10.9	5.2	7.2	4.7	2.8	9.4

18: Performance by movement

Movement	EBT	WBT	NBR	All
Denied Delay (hr)	0.1	0.0	0.0	0.1
Denied Del/Veh (s)	0.4	0.0	0.1	0.2
Total Delay (hr)	4.8	1.1	0.1	6.0
Total Del/Veh (s)	15.7	5.5	3.9	11.3

26: Center St Performance by movement

Movement	EBT	WBT	WBR	SEL	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.1	0.0	0.0	0.0	0.1
Total Del/Veh (s)	0.7	0.0	0.2	1.8	0.6

28: Center St Performance by movement

Movement	EBT	EBR	WBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Delay (hr)	0.3	0.4	0.2	0.9
Total Del/Veh (s)	2.8	2.6	1.1	2.1

Total Network Performance

Denied Delay (hr)	0.3
Denied Del/Veh (s)	0.3
Total Delay (hr)	43.0
Total Del/Veh (s)	43.0

Intersection: 2: Bend

Movement	SB
Directions Served	Ţ
Maximum Queue (ft)	3
Average Queue (ft)	0
95th Queue (ft)	3
Link Distance (ft)	1391
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	EB	EB	EB	EB	WB	WB	WB	WB	SB	SB	SB	SB
Directions Served	L	T	Т	R	L	T	T	R	<	<	L	L
Maximum Queue (ft)	132	264	226	64	122	146	148	47	146	155	162	173
Average Queue (ft)	56	164	125	16	47	76	84	10	69	86	105	108
95th Queue (ft)	107	239	203	46	97	128	141	33	123	132	144	157
Link Distance (ft)		454	454		218	218	218				515	515
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	420			430				80	350	350		
Storage Blk Time (%)							8	0				
Queuing Penalty (veh)							8	0				

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	SB	SB	NW	NW	NW	NW	NW	NW	
Directions Served	L	R	L	L	R	R	R	>	
Maximum Queue (ft)	166	65	88	102	141	135	125	91	
Average Queue (ft)	93	22	26	49	88	83	50	35	
95th Queue (ft)	151	52	69	91	132	128	108	74	
Link Distance (ft)	515				1391	1391	1391		
Upstream Blk Time (%)									
Queuing Penalty (veh)									
Storage Bay Dist (ft)		430	430	430				425	
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 6: Center St & 600 West

Movement	EB	WB	WB	SB	SB
Directions Served	L	Т	TR	L	R
Maximum Queue (ft)	211	149	181	77	134
Average Queue (ft)	101	78	91	27	67
95th Queue (ft)	175	126	153	65	109
Link Distance (ft)	90	79	79		470
Upstream Blk Time (%)	9	9	13		
Queuing Penalty (veh)	37	16	22		
Storage Bay Dist (ft)				270	
Storage Blk Time (%)					
Queuing Penalty (veh)					

Intersection: 12: Center St

Movement
Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 13: 600 West & Garden Drive

Movement	EB	NB	
Directions Served	LR	L	
Maximum Queue (ft)	51	41	
Average Queue (ft)	18	11	
95th Queue (ft)	45	36	
Link Distance (ft)	295		
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)		50	
Storage Blk Time (%)		0	
Queuing Penalty (veh)		1	

Intersection: 15: Center St & 200 West

Movement	EB	SB
Directions Served	L	LR
Maximum Queue (ft)	35	36
Average Queue (ft)	7	11
95th Queue (ft)	29	33
Link Distance (ft)		442
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)	100	
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 17:

Movement	EB	EB	EB	WB	NB	SB
Directions Served	L	T	R	TR	LTR	LTR
Maximum Queue (ft)	70	200	70	93	26	32
Average Queue (ft)	16	94	6	53	6	12
95th Queue (ft)	57	159	35	79	23	36
Link Distance (ft)		357		457	169	132
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	50		60			
Storage Blk Time (%)	0	25	0	3		
Queuing Penalty (veh)	0	5	0	0		

Intersection: 18:

Movement	EB	EB	EB	WB	WB	WB	NB
Directions Served	T	Т	Т	Т	Т	Т	LR
Maximum Queue (ft)	242	215	97	101	125	123	65
Average Queue (ft)	197	89	40	42	52	60	26
95th Queue (ft)	259	176	80	80	102	104	55
Link Distance (ft)	209	209	209	576	576	576	212
Upstream Blk Time (%)	9	0					
Queuing Penalty (veh)	0	0					
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

SimTraffic Report Scenario 1 Page 5

Intersection: 26: Center St

Movement	EB	SE
Directions Served	T	L
Maximum Queue (ft)	35	40
Average Queue (ft)	1	4
95th Queue (ft)	36	21
Link Distance (ft)	231	79
Upstream Blk Time (%)		0
Queuing Penalty (veh)		0
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 28: Center St

Movement	EB	EB
Directions Served	TR	R
Maximum Queue (ft)	89	85
Average Queue (ft)	9	6
95th Queue (ft)	46	39
Link Distance (ft)	218	218
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Network Summary

Network wide Queuing Penalty: 88

SimTraffic Report Scenario 1 Page 6

ROUNDABOUT 2022 AM

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	SBL2	SBL	SBT	SBR	NWL	NWR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.4	2.3	0.1	0.8	4.1	0.2	1.7	4.3	0.0	0.0	0.5	2.4
Total Del/Veh (s)	47.9	39.1	2.4	43.4	35.9	3.9	49.2	27.1	0.8	3.1	27.7	15.4

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	NWR2	All
Denied Delay (hr)	0.0	0.0
Denied Del/Veh (s)	0.0	0.0
Total Delay (hr)	0.1	16.8
Total Del/Veh (s)	10.3	25.7

6: Center St & 600 West Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBT	SBR	All	
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total Delay (hr)	0.1	0.4	0.5	0.0	0.1	0.0	0.2	1.3	
Total Del/Veh (s)	4.8	5.6	4.4	2.2	4.9	0.3	3.3	4.4	

13: 600 West & Garden Drive Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	All	
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	
Denied Del/Veh (s)		0.1	0.0	0.0	0.0	0.0	
Total Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	
Total Del/Veh (s)		4.2	3.1	0.4	0.2	0.3	

15: Center St & 200 West Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	2.5	0.3	0.2	0.1	10.8	3.1	0.3

18: Performance by movement

Movement	EBT	WBT	NBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.2	0.0	0.1	0.1
Total Delay (hr)	1.8	1.5	0.1	3.4
Total Del/Veh (s)	10.1	6.9	2.9	8.1

07/13/2023

Total Network Performance

Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.1
Total Delay (hr)	24.3
Total Del/Veh (s)	35.2

Intersection: 2: Bend

Movement	SB
Directions Served	T
Maximum Queue (ft)	4
Average Queue (ft)	0
95th Queue (ft)	4
Link Distance (ft)	1393
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	EB	EB	EB	EB	WB	WB	WB	WB	SB	SB	SB	SB
Directions Served	L	Т	Т	R	L	T	T	R	<	<	L	L
Maximum Queue (ft)	66	174	139	36	116	195	211	138	89	101	186	165
Average Queue (ft)	17	85	40	5	44	90	109	23	30	43	119	106
95th Queue (ft)	46	147	109	21	96	155	177	77	71	84	167	151
Link Distance (ft)		454	454			252	252				515	515
Upstream Blk Time (%)						0	0					
Queuing Penalty (veh)						0	0					
Storage Bay Dist (ft)	420			430	130			80	350	350		
Storage Blk Time (%)					0	2	23	0				
Queuing Penalty (veh)					0	1	41	0				

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	SB	SB	NW	NW	NW	NW	NW	NW	
Directions Served	L	R	L	L	R	R	R	>	
Maximum Queue (ft)	130	33	28	55	133	134	96	59	
Average Queue (ft)	69	10	2	14	76	70	35	11	
95th Queue (ft)	122	31	15	41	124	119	84	37	
Link Distance (ft)	515				1393	1393	1393		
Upstream Blk Time (%)									
Queuing Penalty (veh)									
Storage Bay Dist (ft)		430	430	430				425	
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 6: Center St & 600 West

Movement	EB	EB	WB	WB	SB	SB
Directions Served	LT	T	T	TR	L	R
Maximum Queue (ft)	82	54	68	54	59	98
Average Queue (ft)	31	3	26	4	15	39
95th Queue (ft)	76	24	57	26	45	80
Link Distance (ft)	252	252	559	559		326
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)					350	
Storage Blk Time (%)						
Queuing Penalty (veh)						

Intersection: 13: 600 West & Garden Drive

Movement	EB	NB
Directions Served	LR	LT
Maximum Queue (ft)	24	27
Average Queue (ft)	1	1
95th Queue (ft)	12	11
Link Distance (ft)	228	326
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 15: Center St & 200 West

Movement	EB	SB	
Directions Served	L	LR	
Maximum Queue (ft)	6	28	
Average Queue (ft)	0	9	
95th Queue (ft)	4	29	
Link Distance (ft)		441	
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)	100		
Storage Blk Time (%)			
Queuing Penalty (veh)			

Intersection: 18:

Movement	EB	EB	EB	WB	WB	WB	NB
Directions Served	T	T	T	T	Т	T	LR
Maximum Queue (ft)	184	95	55	123	143	148	66
Average Queue (ft)	110	36	15	56	64	68	25
95th Queue (ft)	166	72	43	104	122	126	55
Link Distance (ft)	210	210	210	575	575	575	200
Upstream Blk Time (%)	0						
Queuing Penalty (veh)	0						
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Network Summary

Network wide Queuing Penalty: 43

ROUNDABOUT 2022 PM

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	SBL2	SBL	SBR	NWL	NWR	NWR2
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	1.1	4.8	0.2	0.9	2.4	0.2	3.2	4.9	0.1	1.9	5.2	0.5
Total Del/Veh (s)	43.8	39.5	4.4	41.7	30.1	4.8	41.2	21.1	5.3	33.1	24.2	20.0

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	All	
Denied Delay (hr)	0.0	
Denied Del/Veh (s)	0.0	
Total Delay (hr)	25.3	
Total Del/Veh (s)	27.0	

6: Center St & 600 West Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBT	SBR	All	
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total Delay (hr)	0.8	8.0	0.4	0.0	0.0	0.0	0.1	2.2	
Total Del/Veh (s)	7.9	6.3	5.7	2.2	3.5	0.3	2.6	5.8	

13: 600 West & Garden Drive Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.2
Total Del/Veh (s)	12.2	4.1	3.0	1.1	0.2	0.2	1.1

15: Center St & 200 West Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.1	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	3.2	0.5	0.2	0.2	8.8	2.6	0.5

18: Performance by movement

Movement	EBT	WBT	NBR	All
Denied Delay (hr)	0.1	0.0	0.0	0.1
Denied Del/Veh (s)	0.4	0.0	0.1	0.2
Total Delay (hr)	4.7	1.8	0.0	6.5
Total Del/Veh (s)	15.4	6.6	3.2	11.1

07/13/2023

Total Network Performance

Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.3
Total Delay (hr)	38.8
Total Del/Veh (s)	39.2

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	EB	EB	EB	EB	WB	WB	WB	WB	SB	SB	SB	SB
Directions Served	L	Т	Т	R	L	Т	T	R	<	<	L	L
Maximum Queue (ft)	153	278	246	54	112	131	140	45	165	159	165	178
Average Queue (ft)	57	161	106	14	51	54	68	13	77	72	107	112
95th Queue (ft)	113	243	199	41	99	106	122	35	143	137	149	158
Link Distance (ft)		451	451			252	252				518	518
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	420			430	130			80	350	350		
Storage Blk Time (%)					0	0	7					
Queuing Penalty (veh)					0	0	8					

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	SB	SB	NW	NW	NW	NW	NW	NW
Directions Served	L	R	L	L	R	R	R	>
Maximum Queue (ft)	159	71	94	106	184	182	149	109
Average Queue (ft)	91	20	28	52	113	109	80	43
95th Queue (ft)	146	54	74	96	167	161	136	90
Link Distance (ft)	518				1388	1388	1388	
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)		430	430	430				425
Storage Blk Time (%)								
Queuing Penalty (veh)								

Intersection: 6: Center St & 600 West

Movement	EB	EB	WB	WB	SB	SB
Directions Served	LT	T	Т	TR	L	R
Maximum Queue (ft)	147	107	79	63	41	84
Average Queue (ft)	83	21	36	12	8	26
95th Queue (ft)	131	76	64	43	32	66
Link Distance (ft)	252	252	559	559		326
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)					350	
Storage Blk Time (%)						
Queuing Penalty (veh)						

Intersection: 13: 600 West & Garden Drive

Movement	EB	NB
Directions Served	LR	LT
Maximum Queue (ft)	37	80
Average Queue (ft)	16	10
95th Queue (ft)	42	48
Link Distance (ft)	228	326
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 15: Center St & 200 West

Movement	EB	SB
Directions Served	L	LR
Maximum Queue (ft)	33	37
Average Queue (ft)	6	10
95th Queue (ft)	26	33
Link Distance (ft)		441
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)	100	
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 18:

Movement	EB	EB	EB	WB	WB	WB	NB
Directions Served	T		T	T	T	T	LR
Maximum Queue (ft)	234	201	84	133	155	159	55
Average Queue (ft)	190	91	37	50	64	71	21
95th Queue (ft)	258	172	73	97	123	127	48
Link Distance (ft)	210	210	210	575	575	575	200
Upstream Blk Time (%)	7	0					
Queuing Penalty (veh)	0	0					
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Network Summary

Network wide Queuing Penalty: 9

ROUNDABOUT 2030 AM

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	SBL2	SBL	SBT	SBR	NWL	NWR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.5	2.3	0.0	0.7	4.1	0.2	1.4	3.0	0.0	0.0	0.5	2.5
Total Del/Veh (s)	46.7	36.9	2.2	47.4	36.2	4.2	48.1	24.9	0.7	3.4	29.3	15.1

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	NWR2	All
Denied Delay (hr)	0.0	0.0
Denied Del/Veh (s)	0.0	0.0
Total Delay (hr)	0.1	15.3
Total Del/Veh (s)	11.3	24.7

6: Center St & 600 West Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBT	SBR	All	
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0		0.0	0.0	
Total Delay (hr)	0.1	0.4	0.5	0.0	0.1	0.0	0.2	1.3	
Total Del/Veh (s)	5.1	5.6	4.4	2.2	5.3		3.2	4.4	

13: 600 West & Garden Drive Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.9	4.5	3.1	0.5	0.2	0.3

15: Center St & 200 West Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	3.4	0.3	0.2	0.1	7.4	2.8	0.3

18: Performance by movement

Movement	EBT	WBT	NBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.2	0.0	0.1	0.1
Total Delay (hr)	1.3	1.7	0.0	3.0
Total Del/Veh (s)	9.5	7.1	2.7	7.8

07/13/2023

Total Network Performance

Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.2
Total Delay (hr)	22.2
Total Del/Veh (s)	33.6

Intersection: 2: Bend

Movement	SB
Directions Served	T
Maximum Queue (ft)	5
Average Queue (ft)	0
95th Queue (ft)	5
Link Distance (ft)	1393
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	EB	EB	EB	EB	WB	WB	WB	WB	SB	SB	SB	SB
Directions Served	L	Т	Т	R	L	T	Т	R	<	<	L	L
Maximum Queue (ft)	83	177	139	38	89	186	200	88	72	84	180	154
Average Queue (ft)	25	89	39	6	31	92	109	21	23	35	97	80
95th Queue (ft)	59	156	111	21	71	160	177	59	58	75	152	136
Link Distance (ft)		454	454			252	252				515	515
Upstream Blk Time (%)							0					
Queuing Penalty (veh)							0					
Storage Bay Dist (ft)	420			430	130			80	350	350		
Storage Blk Time (%)					0	2	22	0				
Queuing Penalty (veh)					0	1	42	0				

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	SB	SB	NW	NW	NW	NW	NW	NW	
Directions Served	L	R	L	L	R	R	R	>	
Maximum Queue (ft)	117	37	21	60	139	144	124	38	
Average Queue (ft)	47	10	2	14	79	72	37	8	
95th Queue (ft)	100	31	12	43	126	125	96	28	
Link Distance (ft)	515				1393	1393	1393		
Upstream Blk Time (%)									
Queuing Penalty (veh)									
Storage Bay Dist (ft)		430	430	430				425	
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 6: Center St & 600 West

Movement	EB	EB	WB	WB	SB	SB
Directions Served	LT	T	T	TR	L	R
Maximum Queue (ft)	89	66	66	63	59	103
Average Queue (ft)	29	4	27	5	16	37
95th Queue (ft)	76	29	58	30	46	80
Link Distance (ft)	252	252	559	559		326
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)					350	
Storage Blk Time (%)						
Queuing Penalty (veh)						

Intersection: 13: 600 West & Garden Drive

Movement	EB	NB
Directions Served	LR	LT
Maximum Queue (ft)	30	38
Average Queue (ft)	3	2
95th Queue (ft)	18	15
Link Distance (ft)	228	326
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 15: Center St & 200 West

Movement	EB	SB	
Directions Served	L	LR	
Maximum Queue (ft)	12	32	
Average Queue (ft)	1	8	
95th Queue (ft)	7	29	
Link Distance (ft)		441	
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)	100		
Storage Blk Time (%)			
Queuing Penalty (veh)			

Intersection: 18:

Movement	EB	EB	EB	WB	WB	WB	NB
Directions Served	T	T	T	T	Т	T	LR
Maximum Queue (ft)	179	73	43	153	171	164	51
Average Queue (ft)	92	29	11	64	72	73	21
95th Queue (ft)	147	62	37	115	137	130	47
Link Distance (ft)	210	210	210	575	575	575	200
Upstream Blk Time (%)	0						
Queuing Penalty (veh)	0						
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Network Summary

Network wide Queuing Penalty: 44

ROUNDABOUT 2030 PM

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	SBL2	SBL	SBT	SBR	NWL	NWR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	1.3	5.8	0.2	1.0	2.4	0.2	4.9	8.5	0.0	0.1	2.3	7.6
Total Del/Veh (s)	42.5	41.9	4.8	40.3	30.0	6.4	55.0	32.6	0.7	5.9	36.8	29.0

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	NWR2	All
Denied Delay (hr)	0.0	0.0
Denied Del/Veh (s)	0.0	0.0
Total Delay (hr)	0.6	34.9
Total Del/Veh (s)	22.5	33.0

6: Center St & 600 West Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	1.1	0.9	0.5	0.0	0.0	0.0	0.2	2.7
Total Del/Veh (s)	9.3	6.7	6.5	2.1	3.4	0.2	2.5	6.5

13: 600 West & Garden Drive Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.2	0.1	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.2	0.0	0.0	0.3
Total Del/Veh (s)	11.4	4.0	3.6	1.3	0.2	0.2	1.2

15: Center St & 200 West Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.1	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	3.7	0.6	0.2	0.2	7.4	2.8	0.6

18: Performance by movement

Movement	EBT	WBT	NBR	All
Denied Delay (hr)	0.2	0.0	0.0	0.2
Denied Del/Veh (s)	0.5	0.0	0.1	0.3
Total Delay (hr)	5.6	4.5	0.1	10.1
Total Del/Veh (s)	16.6	13.8	3.8	14.9

07/13/2023

Total Network Performance

Denied Delay (hr)	0.3
Denied Del/Veh (s)	0.3
Total Delay (hr)	54.1
Total Del/Veh (s)	48.9

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	EB	EB	EB	EB	WB	WB	WB	WB	SB	SB	SB	SB
Directions Served	L	T	Т	R	L	Т	T	R	<	<	L	L
Maximum Queue (ft)	148	291	268	68	105	114	130	60	223	212	236	244
Average Queue (ft)	69	182	129	16	51	52	68	17	105	86	162	170
95th Queue (ft)	127	268	236	48	95	97	113	46	192	165	218	229
Link Distance (ft)		454	454			252	252				515	515
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	420			430	130			80	350	350		
Storage Blk Time (%)					0	0	7	0				
Queuing Penalty (veh)					0	0	8	0				

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	SB	SB	NW	NW	NW	NW	NW	NW	
Directions Served	L	R	L	L	R	R	R	>	
Maximum Queue (ft)	232	65	108	116	221	220	197	122	
Average Queue (ft)	144	21	38	60	143	140	117	48	
95th Queue (ft)	207	52	88	103	200	198	177	98	
Link Distance (ft)	515				1393	1393	1393		
Upstream Blk Time (%)									
Queuing Penalty (veh)									
Storage Bay Dist (ft)		430	430	430				425	
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 6: Center St & 600 West

Movement	EB	EB	WB	WB	SB	SB	
Directions Served	LT	T	T	TR	L	R	
Maximum Queue (ft)	162	115	76	44	39	91	
Average Queue (ft)	96	26	39	9	10	27	
95th Queue (ft)	145	85	67	34	34	66	
Link Distance (ft)	252	252	559	559		326	
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)					350		
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 13: 600 West & Garden Drive

Movement	EB	NB
Directions Served	LR	LT
Maximum Queue (ft)	51	101
Average Queue (ft)	20	15
95th Queue (ft)	47	62
Link Distance (ft)	228	326
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 15: Center St & 200 West

Movement	EB	SB
Directions Served	L	LR
Maximum Queue (ft)	37	30
Average Queue (ft)	8	11
95th Queue (ft)	31	33
Link Distance (ft)		441
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)	100	
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 18:

Movement	EB	EB	EB	WB	WB	WB	NB
				- VVD	- VVD	- VVD	
Directions Served	I	l	l		l	l	LR
Maximum Queue (ft)	246	220	110	203	233	234	72
Average Queue (ft)	208	112	43	107	132	141	27
95th Queue (ft)	260	204	84	172	198	200	57
Link Distance (ft)	210	210	210	575	575	575	200
Upstream Blk Time (%)	13	0					
Queuing Penalty (veh)	0	0					
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Network Summary

Network wide Queuing Penalty: 8

ROUNDABOUT 2050 AM

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	SBL2	SBL	SBR	NWL	NWR	NWR2
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.5	2.4	0.0	0.4	6.1	0.3	1.5	1.9	0.0	1.1	4.4	0.1
Total Del/Veh (s)	46.0	32.9	1.7	51.5	37.1	6.3	47.2	23.0	4.5	32.7	18.8	14.4

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	All	
Denied Delay (hr)	0.0	
Denied Del/Veh (s)	0.0	
Total Delay (hr)	18.9	
Total Del/Veh (s)	26.1	

6: Center St & 600 West Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0		0.0	0.0
Total Delay (hr)	0.3	0.4	0.7	0.0	0.1	0.0	0.4	1.8
Total Del/Veh (s)	5.5	5.8	4.9	2.5	7.1		4.4	5.0

13: 600 West & Garden Drive Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	7.6	3.7	3.7	0.6	0.2	0.5

15: Center St & 200 West Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	4.8	0.3	0.3	0.3	10.8	2.8	0.4

18: Performance by movement

Movement	EBT	WBT	NBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.2	0.0	0.1	0.0
Total Delay (hr)	0.9	3.1	0.0	4.1
Total Del/Veh (s)	8.8	10.5	2.7	9.8

seline 07/13/2023

Total Network Performance

Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.2
Total Delay (hr)	27.9
Total Del/Veh (s)	36.3

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	EB	EB	EB	EB	WB	WB	WB	WB	SB	SB	SB	SB
Directions Served	L	T	Т	R	L	Т	T	R	<	<	L	L
Maximum Queue (ft)	87	184	158	37	174	250	291	220	81	79	132	106
Average Queue (ft)	28	101	51	4	26	146	167	55	29	32	67	49
95th Queue (ft)	66	168	129	19	92	231	266	179	67	69	111	93
Link Distance (ft)		454	454			252	252				515	515
Upstream Blk Time (%)						0	1					
Queuing Penalty (veh)						1	5					
Storage Bay Dist (ft)	420			430	130			80	350	350		
Storage Blk Time (%)						10	37	0				
Queuing Penalty (veh)						3	68	1				

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	SB	SB	NW	NW	NW	NW	NW	NW	
Directions Served	L	R	L	L	R	R	R	>	
Maximum Queue (ft)	85	50	68	82	183	186	158	65	
Average Queue (ft)	27	14	11	31	109	106	75	14	
95th Queue (ft)	66	39	41	67	164	164	141	45	
Link Distance (ft)	515				1393	1393	1393		
Upstream Blk Time (%)									
Queuing Penalty (veh)									
Storage Bay Dist (ft)		430	430	430				425	
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 6: Center St & 600 West

Movement	EB	EB	WB	WB	SB	SB
Directions Served	LT	Т	T	TR	L	R
Maximum Queue (ft)	110	73	77	77	61	127
Average Queue (ft)	44	5	38	9	18	50
95th Queue (ft)	95	38	67	43	49	98
Link Distance (ft)	252	252	559	559		326
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)					350	
Storage Blk Time (%)						
Queuing Penalty (veh)						

Intersection: 13: 600 West & Garden Drive

Movement	EB	NB
Directions Served	LR	LT
Maximum Queue (ft)	32	45
Average Queue (ft)	9	3
95th Queue (ft)	31	22
Link Distance (ft)	228	326
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 15: Center St & 200 West

Movement	EB	SB
Directions Served	L	LR
Maximum Queue (ft)	30	32
Average Queue (ft)	2	13
95th Queue (ft)	14	35
Link Distance (ft)		441
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)	100	
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 18:

Movement	EB	EB	EB	WB	WB	WB	NB
Directions Served	T	T	Т	T	T	T	LR
Maximum Queue (ft)	128	56	52	196	241	242	58
Average Queue (ft)	69	16	13	105	125	125	22
95th Queue (ft)	110	45	41	183	216	215	50
Link Distance (ft)	210	210	210	575	575	575	200
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Network Summary

Network wide Queuing Penalty: 78

ROUNDABOUT 2050 PM

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	SBL2	SBL	SBT	SBR	NWL	NWR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	1.1	6.7	0.2	0.9	3.0	0.1	8.3	4.8	0.0	0.1	2.1	3.6
Total Del/Veh (s)	41.6	42.0	4.9	40.1	28.2	3.9	87.9	21.5	2.3	5.5	37.4	24.4

3: State St & Pleasant Grove Blvd/Center St Performance by movement

Movement	NWR2	All
Denied Delay (hr)	0.0	0.0
Denied Del/Veh (s)	0.0	0.0
Total Delay (hr)	0.5	31.5
Total Del/Veh (s)	23.3	33.3

6: Center St & 600 West Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	1.2	1.2	0.5	0.0	0.0	0.0	0.2	3.1
Total Del/Veh (s)	10.1	7.2	6.3	2.1	3.7	0.5	2.7	6.7

13: 600 West & Garden Drive Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All	
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
Total Delay (hr)	0.0	0.0	0.0	0.2	0.0	0.0	0.3	
Total Del/Veh (s)	18.1	4.6	4.4	1.4	0.3	0.2	1.2	

15: Center St & 200 West Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.1	0.0	0.0	0.0	0.0	0.2
Total Del/Veh (s)	3.3	0.6	0.2	0.2	10.6	3.1	0.6

18: Performance by movement

Movement	EBT	WBT	NBR	All
Denied Delay (hr)	0.2	0.0	0.0	0.2
Denied Del/Veh (s)	0.5	0.0	0.1	0.3
Total Delay (hr)	5.1	0.9	0.1	6.1
Total Del/Veh (s)	16.3	4.6	3.6	11.4

07/13/2023

Total Network Performance

Denied Delay (hr)	0.3
Denied Del/Veh (s)	0.3
Total Delay (hr)	45.3
Total Del/Veh (s)	45.1

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	EB	EB	EB	EB	WB	WB	WB	WB	SB	SB	SB	SB
Directions Served	L	Т	Т	R	L	Т	Т	R	<	<	L	L
Maximum Queue (ft)	139	326	298	71	112	150	173	58	294	293	198	197
Average Queue (ft)	55	204	153	17	46	69	89	10	151	143	108	112
95th Queue (ft)	107	290	252	49	92	121	143	33	287	287	184	171
Link Distance (ft)		451	451			252	252				518	518
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	420			430	130			80	350	350		
Storage Blk Time (%)					0	0	13	0	1	1	0	
Queuing Penalty (veh)					1	0	13	0	4	3	0	

Intersection: 3: State St & Pleasant Grove Blvd/Center St

Movement	SB	SB	NW	NW	NW	NW	NW	NW	
Directions Served	L	R	L	L	R	R	R	>	
Maximum Queue (ft)	164	68	96	126	148	154	118	98	
Average Queue (ft)	91	22	33	56	86	82	50	40	
95th Queue (ft)	144	54	80	103	129	130	106	86	
Link Distance (ft)	518				1388	1388	1388		
Upstream Blk Time (%)									
Queuing Penalty (veh)									
Storage Bay Dist (ft)		430	430	430				425	
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 6: Center St & 600 West

Movement	EB	EB	WB	WB	SB	SB
Directions Served	LT	T	Т	TR	L	R
Maximum Queue (ft)	183	132	87	59	50	97
Average Queue (ft)	107	36	38	12	12	31
95th Queue (ft)	159	105	68	43	40	73
Link Distance (ft)	252	252	559	559		326
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)					350	
Storage Blk Time (%)						
Queuing Penalty (veh)						

Intersection: 13: 600 West & Garden Drive

Movement	EB	NB
Directions Served	LR	LT
Maximum Queue (ft)	52	106
Average Queue (ft)	18	18
95th Queue (ft)	46	69
Link Distance (ft)	228	326
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 15: Center St & 200 West

Movement	EB	SB
Directions Served	L	LR
Maximum Queue (ft)	35	34
Average Queue (ft)	8	11
95th Queue (ft)	30	34
Link Distance (ft)		441
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)	100	
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 18:

Movement	EB	EB	EB	WB	WB	WB	NB
Directions Served	Т	Т	Т	Т	Т	Т	LR
Maximum Queue (ft)	240	210	80	78	95	100	68
Average Queue (ft)	202	98	38	34	38	48	27
95th Queue (ft)	255	185	71	62	71	83	57
Link Distance (ft)	210	210	210	575	575	575	200
Upstream Blk Time (%)	11	0					
Queuing Penalty (veh)	0	0					
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Network Summary

Network wide Queuing Penalty: 22

Appendix E: Cost Estimates

PIN: PROJECT 2022-10 PROJECT NAME: 600 West, Center St, and State St Intersection Improvements Cost Estimate - Concept Level

Prepared By: Britton - Pleasant Grove City

Date 9/26/2023

Proposed Project Scope: Install a high T intersection in the Existgin Location

(END) = 0.160	0.000	Approximate Route Reference Mile Post (BEGIN) =
miles 845 ft	0.160	Project Length =
	2023	Current Year =
	2026	Assumed Construction Year =
3 yrs for inflation	<u>1.30</u>	Construction Items Inflation Factor =
	3.75%	Assumed Yearly Inflation for Engineering Services (PE and CE) (%/yr) =
	4.0%	Assumed Yearly Inflation for Right of Way (%/yr) =
	20.0%	Items not Estimated (% of Construction) =
	16.0%	Preliminary Engineering (% of Construction + Incentives) =
	16.0%	Construction Engineering (% of Construction + Incentives) =

Construction Items	Cost	Remarks
Public Information Services	<u>\$5,000</u>	
Roadway and Drainage	\$630,233	
Traffic and Safety	<u>\$784,480</u>	
<u>Structures</u>	<u>\$0</u>	
Environmental Mitigation	<u>\$42,350</u>	
<u>ITS</u>	<u>\$112,015</u>	
Subtotal	\$1,574,078	
Items not Estimated (20%)	\$314,816	
Construction Subtotal	\$1,888,894	
P.E. Cost P.E. Subtotal	\$302,229	16%
C.E. Cost C.E. Subtotal	\$302,229	16%
Right of Way Right of Way Subtotal	<u>\$19,688</u>	
Utilities Utilities Subtotal	<u>\$100,000</u>	
Incentives Subtotal	<u>\$40</u>	
Miscellaneous Subtotal	\$0	

Cost Estimate (ePM screen 505)		2023		2026	
	P.E.		\$302,000		\$337,000
	Right of Way		\$20,000		\$22,000
	Utilities		\$100,000		\$130,000
	Construction		\$1,889,000		\$2,453,000
	C.E.		\$302,000		\$337,000
	Incentives		\$0		\$0
	Aesthetics	0.75%	\$14,000		\$18,000
	Change Order Contingency	9.00%	\$171,000		\$222,000
	UDOT Oversight	5.00%	\$115,000		\$149,000
	Miscellaneous		\$0		\$0
		TOTAL	\$2,913,000	TOTAL	\$3,668,000
		_	_		

PROPOSED COMMISSION REQUEST TOTAL \$2,913,000 TOTAL \$3,668,000

Project Assumptions/Risks

600 West & Center Street Signal and RR Crossing to be connected to State Street Signal for coordination.	8
Equipment for RR Crossing assumed to be \$300,000 on top of traditional signal materials.	9
The pavement section on Center Street is assumed is the same as pleasant Grove BLVD	10
4 600 W pavement section obtianed from pipe plant geotech report	11
5	12
6	13
7	14

10/3/2023 Page 2 of 317

Inflation

CT 2022-10 PROJECT NAME: 600 West, Center St, and State St Intersection

Year	Rate	Recommended Rate	Cumulative Inflation Factor
2022	0.0%	0.0%	1.00
2023	8.0%	8.0%	1.08
2024	7.0%	7.0%	1.16
2025	6.0%	6.0%	1.22
2026	6.0%	6.0%	1.30
2027	6.0%	6.0%	1.38
2028	6.0%	6.0%	1.46
2029	6.0%	6.0%	1.55
2030	6.0%	6.0%	1.64
2031	6.0%	6.0%	1.74
2032	6.0%	6.0%	1.84
2033	6.0%	6.0%	1.95
2034	6.0%	6.0%	2.07
2035	6.0%	6.0%	2.19
2036	6.0%	6.0%	2.33
2037	6.0%	6.0%	2.46
2038	6.0%	6.0%	2.61
2039	6.0%	6.0%	2.77
2040	6.0%	6.0%	2.94
2041	6.0%	6.0%	3.11
2042	6.0%	6.0%	3.30
2043	6.0%	6.0%	3.50
2044	6.0%	6.0%	3.71
2045	6.0%	6.0%	3.93
2046	6.0%	6.0%	4.16
2047	6.0%	6.0%	4.41
2048	6.0%	6.0%	4.68

Please contact UDOT Estimate Support with any questions (801-360-0580).

Roadway and Drainage
PROJECT NAME: 600 West, Center St, and State St Intersection Improvements PIN: PROJECT 2022-10

Item #	Item	Quantity	Units	Price	Cost	Remarks
Roadway						
015017010	Mobilization	1	Lump	\$200,000.00	\$200.000.00	Usually 7-10% of constructio
015547005	Traffic Control	1	Lump	\$65,000.00		Usually 3-5% of construction
	survey	1	lump	\$20,000.00	\$20,000.00	. ,
015727020	Dust Control and Watering	21	1000 gal	\$5.00	\$105.00	
020567005	Borrow (Plan Quantity)	14	cu yd	\$40.00	\$560.00	
020567015	Granular Borrow (Plan Quantity)	363	cu yd	\$45.00	\$16,335.00	
020567025	Granular Backfill Borrow (Plan Quantity)	0	cu yd	\$45.00	\$0.00	
	Remove concrete curb and gutter	50	sq ft	\$5.00	\$250.00	
	Remove concrete flatwork	250	sq ft	\$4.50	\$1,125.00	
022317010	Clearing and Grubbing	1	Lump	\$5,000.00	\$5,000.00	
	Demo and remove building	0	lump	\$50,000.00	\$0.00	
023167020	Roadway Excavation (Plan Quantity)	1,057	cu yd	\$28.00	\$29,596.00	
027217020	Untreated Base Course (Plan Quantity)	95	cu yd	\$55.00	\$5,225.00	
027357010	Micro-Surfacing	425	sq yd	\$2.00	\$850.00	
027377001	Asphalt Pavement Soft Spot Repair	0	cu yd	\$95.00	\$0.00	
027417050	HMA - 1/2 Inch	142	Ton	\$130.00	\$18,460.00	
027487010	Liquid Asphalt MC-70 or MC-250	1	Ton	\$500.00		Prime Coat
027487040	Emulsified Asphalt CSS-1	1 1	Ton	\$600.00	•	Tack Coat
027767025	Concrete Curb and Gutter Type B1	405	ft	\$31.00	\$12,555.00	Tack Coat
021101020	Drive Approach	642	sq ft	\$16.00	\$10,272.00	
	Pedestrian access ramp	4	each	\$7,500.00	\$30,000.00	
027767010	Concrete Sidewalk	2,040	sq ft	\$11.25	\$22,950.00	
021101010	Concrete trail 10 ft	1,840	sq ft	\$10.00	\$18,400.00	
	Concrete Type B5 curb	360	ft	\$45.00	\$16,200.00	
	Plowable end section	2	each	\$2,500.00	\$5,000.00	
	Reconstruct valve box		each	\$750.00	ψ3,000.00	
	Reconstruct manhole		each	\$850.00		
028227030	Right-of-Way Fence, Type D (Metal Post)	450	ft	\$25.00	\$11,250.00	
020227030	Railroad crossing upgrades	1	lump	\$140,000.00		\$500,000 total with Traffic T
	Railload clossing upgrades	<u>'</u>	iuiiip	\$140,000.00	\$140,000.00	5500,000 total with frame 1
Roadway Subtotal					\$630,233	
Drainage Drainage						
023737010	Loose Riprap	†	cu yd			
026107386	Drainage Pipe - 18 inch, Smooth, Leak-Resistant		ft	\$130.00		
026107388	Drainage Pipe - 24 inch, Smooth, Leak-Resistant	1	ft	Ψ100.00		
026107391	Drainage Pipe - 36 inch, Smooth, Leak-Resistant	† †	ft			
022217095	Remove Pipe	1	ft	\$45.00		
0222.7000	SD manhole	1	Each	\$8,500.00		
026337130	Concrete Drainage Structure 5 ft to 7 ft deep - CB 9		Each	\$6,500.00		
Prainage Subtotal		 	-		\$0	
<u> </u>						
015407010	Public Information Services	1	Lump	\$5,000.00	¢5 000	Usually 0.25% of construction

Traffic, Safety & ITS

Item #	Item	Quantity	Units	Price	Cost	Remarks
				11100		
Traffic						
027657050	Pavement Marking Paint	42	gal	\$55.00	\$2,310.00	
027687105	Pavement Message (Preformed Thermoplastic)	32	Each	\$215.00	\$6,880.00	
027687110	Pavement Message (Preformed Thermoplastic Stop Line, Crosswalks - 12 inch)	6	Each	\$215.00	\$1,290.00	
028417094	Midwest 31 Inch W-Beam Guardrail 7 ft Steel Post		ft			
028437035	End Treatment Type G (MASH)		Each			
028447111	Precast Concrete Barrier – 32 inch F-Shape, No Stabilization Pins		ft			
#N/A	Sign Type A-1,	19		\$700.00	\$13,300.00	
028917270	Remove Sign Less Than 20 Square Feet	4	Each	\$175.00	\$700.00	
028917285	Relocate Sign Less Than 20 Square Feet		Each	\$200.00		
Signals						
02892701D	Traffic Signal System	1	Lump	\$350,000.00	\$350,000.00	
	Railroad integration with arms	1	Lump	\$360,000.00	\$360,000.00	\$500,000 total with Roadway
Lighting						
16525701D	Highway Lighting System	1	Lump	\$50,000.00	\$50,000.00	Lighting surrounding signal
Traffic and Saf	ety Subtotal				\$784,480	
					· · · · · · · · · · · · · · · · · · ·	
ITS		<u> </u>				
135537035	1D Conduit	1,259	ft	\$85.00	\$107,015.00	Length of Center x6
135567010	Closed Circuit Television (CCTV) Assembly System	1	Lump	\$5,000.00	\$5,000.00	
ITS Subtotal		1			\$112,015	

Structures

Item #	Item	Quantity	Units	Price	Cost	Remarks
Bridges						
	New Structure		sq ft			Assumed LxW (deck area)
Walls						
	Retaining Wall		sq ft			Assumed LxH (wall area)
Sign Struc	ı tures					
	Overhead Sign Structure	1	Lump			
028917265	Remove Overhead Sign	1	Each			
	Remove Existing Overhead Sign Structure	1	Lump			
Hydraulics						
	Extend Box Culvert		ft			
	New Box Culvert	1	Lump			
Geotech						
	Geotech Report	1	Lump			
	Drilling	1	Lump			
Structures Si	<u>l</u> ubtotal				\$0	

Environmental and Landscaping

Item #	Item	Quantity	Units	Price	Cost	Remarks
Environmen	tal					
	Wetland Mitigation	1	Lump			
	Noise Wall		ft			
	Enviromental study	1	Lump	\$25,000.00	\$25,000.00	
	SWPPP	1	Lump	\$6,500.00	\$6,500.00	
Temporary E	including Includ					
015717030	Silt Fence	1,900	ft	\$4.00	\$7,600.00	
015717025	Check Dam - Fiber Roll		ft			
Landscaping						
029117010	HECP Type 1		Acre			
	rock mulch and fabric	500	sq ft	\$6.50	\$3,250.00	
029127010	Contractor Furnished Topsoil		sq yd			
029127050	Strip, Stockpile, and Spread Topsoil (Plan Quantity)		sq yd			
029227010	Drill Seed		Acre			
029227030	Broadcast Seed		Acre			
Environmental	Mitigation Subtotal				\$42,350	

Utilities, Right of Way, and Incentives

PIN: PROJECT 2022-10 PROJECT NAME: 600 West, Center St, and State St Intersection Improvements

Item #	Item	Quantity	Units	Price	Cost	Remarks
Utilities						
<u> </u>	Relocate Water/Irrigation/Sewer Lines	1	Lump			
	Sub surfacve Utiltiy investigation	1	Lump			
	Relocate Water	542	Feet			
	Relocate Irrigation	1	Feet			
	Relocate Sewer Lines	1	Feet			
	Relocate Gas Line	1	Lump	\$20,000.00	\$20,000,00	assumed 50%
	Relocate Power Line	1	Lump	\$60,000.00		assumed 50%
	Relocate Fiber Optic	1	Lump	\$20,000.00		assumed 50%
	Relocate Gas Line	1	Lump	,	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	Relocate Power Line	1	Lump			
	Relocate Fiber Optic	1	Lump			
	Relocate Phone	1	Lump			
Utilities Subtot	tal		•		\$100,000	
					•	
Right-of-way	A1					
	parcel 14:025:0183		Lump			2024 tax value is \$578,700
	parcel 14:025:0182		Lump			2024 tax value is \$515,300
	parcel 14:025:0194		Lump			2024 tax value is \$537,200
	parcel 14:025:0045	1,250	sq ft	\$15.00	\$18,750.00	roadway ROW
	Agent fee	1	Lump	\$937.50	\$937.50	5
	Sellable property		sq ft			
Right-of-Way S	<u> </u> Subtotal				\$19,688	
.	<u> </u>					
Incentives						
00007601*	Pavement Smoothness Incentive	1	Lump			
00007602*	Hot Mix Asphalt (HMA) Incentive	1	Lump			
00007603*	Stone Matrix Asphalt (SMA) Incentive	1	Lump			
00007604*	Open Graded Surface Course Incentive	1	Lump			
00007605*	Bonded Wearing Course Incentive	1	Lump	\$39.74	\$39.74	
00007606*	Early Completion - Time	0	Cal d	·	•	
#N/A	Lane Rental Incentive	0	#N/A			
#N/A	Miscellaneous Incentive	1	#N/A			
Incentives Sub	ototal				\$40	

Concept Level Est Form Rev. 5/30/2017

10/3/2023 Page 8 of 317

Cost Estimate Summary of Assumptions PIN: PROJECT 2022-10 PROJECT NAME: 600 West, Center St, and State St Intersection Improvements

Material	Unit W	eights		Application Rates
Borrow	130	lb/cf		
Granular Backfill Borrow	130	lb/cf		
Granular Borrow	142	lb/cf		
UTBC	138	lb/cf		
HMA	151	lb/cf		
OGSC	135	lb/cf		
Asphalt Binder	6.10%	OGSC		
Prime Coat	249	gal/ton	0.50	gal/sy
Tack Coat	240	gal/ton	0.07	gal/sy
Emulsified Asphalt LMCRS-2	250	gal/ton	0.40	gal/sy
Flush Coat	245	gal/ton	0.11	gal/sy
			42	gal/cy GB
Water			51	gal/cy UTBC
			45	gal/cy Borrow/Embankment

<u>Oil</u>												
	Prim	ne Coat		Tac	k Coat		OGSC Tac	k Coat	Chip Seal En	nulsion	Flusi	h Coat
Roadway	Area	Tons	Lift	# of onno	Area	Tons	Area	Tons	Area	Tons	Area	Tons
	sy	TONS	in	# of apps	sy	10115	sy	TOTIS	sy	TONS	sy	TOTIS
Center Street	371.11	0.75	1	6	371.11	0.65			371.11	0.59	371.11	0.17
600 West	53.33	0.11	1	5	53.33	0.08			53.33	0.09	53.33	0.02
Private Access Road			1									
Garden Drive			1									
roadway excavation												
TOTALS		1				1		0		1		1

voments																									
<u>ements</u>	<u> </u>		T T		Granular Borrow		<u> </u>	Untreated B	Paca Courca			Li	MA		T	SMA			OGSC		Chip Seal, Micro-		PCCP	1	Rotomillin
Roadway		Pavement	s e Side Slope	Depth Widt	h Vol	Tons	Depth	Width	Vol	Tons	Depth	# of Joints	Width	Tons	Depth	Width	Tons	Depth	Tons	Asphalt Binder	Surfacing or	Depth	Area		,
nter Street	ft ft 334 10.			in ft 32.00 10.00	cy 0 329.88	632.37	8.00	10.00	82.47	153.64	in 6.00		10.00	126.09	in	ft		in		Tons	sy 371.11	in	sy	in	
West ate Access Road	60 8.0	0 0	0	22.00 8.00	32.59	62.48	8.00	8.00	11.85	22.08	5.00		8.00	15.10							53.33				
den Drive dway excavation		0	0																						
away excavation																									
			TOTALS		363	695			95	176				142			0		0	0	425		0		
41			TOTALS		363	695			95	176				142	Matau		U		0	U	423		0		
<u>thwork</u>	l Ro	adway Excavat	ion		Borro	w			Granular	Backfill Borrow	/Embankment				<u>Water</u>	No. of			Vol	1	4.000				
Roadway	Length Dep	th Width		Length Dept		Vol	Tons	Length ft	Depth	Width	Vol	Tons	7		Granular Borrow	Mate	erial 		cy 363	gal 15,246	1,000 gal				
iter Street West	334.00 46.0	00 20.50	972.10	K III		- Sy		60.00	12.00	6.00	-7	23.40			Untreated Base	Course			95	4,845	5				
ate Access Road	60.00 35.0	13.00	84.26					60.00	12.00	6.00	13.33	23.40			Borrow Granular Backfil	ll Borrow/Embankmer	nt		14	630	1				
den Drive Iway excavation																		TOTALS			21				
ТОТ	ALS		1,057			0	0				14	24													
ement Marking Pa	aint					_	Pavement M	larking Applica	ation Rates			7													
Roadway	Length Edge be Strip	Separation	Modian Striping	Inter- section Lengt djustment	th Pavement Marking Paint			Stripin	g Туре		ft/gal														
er Street	ft 550 2	Lines 4	2	ft ft 50 4450	gal 0 42	_	Solid Broken				190 760														
West ate Access Road						-	Median Intersection				95 190														
den Drive dway excavation																									
						-																			
						-																			
ТОТ	ΔΙ S			4,450	0 42	=																			
c. Area Calculator				1,10	V 142	_							<u>!</u>	Misc. Volume	<u>Calculator</u>										
Area Locatio	Don Lenç	yth Width	Total Area		Notes									Volume L	ocation	Length	Width	Depth	Total Volume		N	otes			
													<u> </u>												
							\exists						<u> </u>												
-							_						L				<u> </u>		l						
											Proje	ct Assum _l	otions/Ris	sks											
					al for coordination.						-														
uipment for RR Cros e pavement section											9 - 10														
				- COVE DEVE																					
W pavement section	on oblianeu nom pi	pe piant geot																							
											12 -														
											13	\													

Prints on 11x17 - adjust print layout after column/row adjustments are completed.

Choose Either Ton or Vol
Manually Input
Linked to Roadway Item

This section calculates the extra area per foot of the side slope material due to the 2% cross-slope

				Volume (ft^3/ft)				
Side slope length factor			Side Slope Area Triangle			Side Slope Area		
	GB	UTB	НМА	SMA	GB	UTB	НМА	SMA
0.0000	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
0.0000	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
0.0000	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
0.0000	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000

Concept Level Est Form 9/3/2023 Rev. 5/30/2017

Incentives Calculator

2017 Specification	Incentive	Quantity	Unit	Max Unit Incentive	Max	Incentive	Adjustment Factor	Assumed Incentive	Remarks
02701 - Smoothness	See below - Section 1.8	1	Lump	\$0.00	/Lump	\$0.00	0.75	\$0.00	Use the Calculations below
00221S - Bidding Contract Time	Early Completion Incentive - Section 1.7.D.4		Cal'd		/Cal'd	\$0.00	1	\$0.00	
00222S - Lane Rental	Lane Rental Incentive - Section 1.8.B.1		Hours		/Hour	\$0.00	1	\$0.00	
	In Place Mat Density - Section 1.6.D.1	142	Ton	\$2.00	/Ton	\$0.00	0.85	\$0.00	
02741 - HMA	Gradtion/Asphalt Content - Section 1.6.D.1	142	Ton	\$2.00	/Ton	\$0.00	0.85	\$0.00	
	Joint Density - Section 1.6.D.6	142	Ton	\$2.00	/Ton	\$0.00	0.85	\$0.00	
02744 - SMA	Asphalt Binder Content & Density - Section 1.6.D.1	0	Ton	\$2.50	/Ton	\$0.00	0.50	\$0.00	
02744 - SIVIA	Gradation - Section 1.6.D.1	0	Ton	\$2.50	/Ton	\$0.00	0.50	\$0.00	
02786 - OGSC	Binder Content - Section 1.6.B.2	0	Ton	\$1.00	/Ton	\$0.00	0.85	\$0.00	
02760 - 0030	Gradation - Section 1.6.B.3	0	Ton	\$1.50	/Ton	\$0.00	0.85	\$0.00	
02787 - Bonded Wearing Course	Binder Content - Section 1.6.C.3	425	/SQ YD	\$0.05	/Sq yd	\$21.25	0.85	\$18.06	
102707 - Bolided Wealing Course	Gradation - Section 1.6.C.4	425	/SQ YD	\$0.06	/Sq yd	\$25.50	0.85	\$21.68	
Miscellaneous	Community Coordination Incentive	1	Lump	\$0.00	/Lump	\$0.00	1	\$0.00	
							Total:	\$39.74	

	Smoothness	Calculations (2017 Specification -	- 2701 and 02742S)	
		HMA, OG	SSC, BWC, & SMA Incentive	
	Table 1	Length	0.16	miles
	A, OGSC, BWC, & SMA Incentive	Lanes		
Category*	Max Incentive per Pavement Section			
1 and 2	\$500	Incentive	\$0	
			PCCP Incentive	
	Table 2	Length	0.16	miles
	PCCP Incentive	Lanes	0.10	miles
ategory*	Max Incentive per Pavement Section			
1	\$1,000	Incentive	\$0	
		Definitions		
	*Incentive applied to HMA, PCCP, OGSC, BWC, SMA			
	1) Pavement surfaces having two or more	opportunities for improving the ride.+		
	Category 1 2) Portland cement concrete paving.			
	Category 2 Newly constructed pavement surfaces with	nout two or more opportunities for improving r	ride.	
	+ Opportunity to improve ride:			
	1) Placing Granular Borrow, Untreated Base Course, Trea Stone Matrix Asphalt (SMA), Cold-In-Place Recycling, Ho			Course (BWC),
	Rotomilling greater than 1.5 inches in depth.			
	Lane leveling is not considered an opportunity to impro	ove the ride.		
	Pavement Section - Each travel lane or median, 0.1 mile	long.		
	Incentive does not apply to the HMA surfaces on projects	s that include an OGSC, BWC, or SMA place	ed over the HMA surface.	
	Apply Incentive to Category 1 and 2 pavements longer that	an 1,000 ft in length, including:		
	1 All traffic lanes			
	2 Ramps 3 Medians 8 ft and wider			
	4 Turn lanes			
	5 Bridges and approach slabs with final riding	g surfaces placed as part of the contract		
	Do not apply Incentive to: 1 Pavements shorter than 1,000 ft			
	2 Shoulders			
	3 Bike Lanes 4 Medians narrower than 8 ft			
	4 Medians narrower than 8 π Horizontal curves with a centerline curvatu 5 cm/ss	re radius less than 900 ft and areas within th	e superelevation transitions to the	ese short radiu
	5 curves	radius 1000 than 500 it and areas within th	o dapor diovation transitions to the	Joo onor radiu
	6 Tapers			
	7 Surfaces within 15 ft of bridge decks and a	approach slabs not paved as part of the contr	act	

PIN: PROJECT 2022-10 PROJECT NAME: 600 West, Center St, and State St Intersection Improvements Cost Estimate - Concept Level

Prepared By: Britton - Pleasant Grove City

Date 9/26/2023

Proposed Project Scope:

Install a new high T intersection with new roadway alignment

(END) = 0.160	0.000	Approximate Route Reference Mile Post (BEGIN) =
miles 845 ft	0.160	Project Length =
	2023	Current Year =
	2026	Assumed Construction Year =
3 yrs for inflation	<u>1.30</u>	Construction Items Inflation Factor =
	3.75%	Assumed Yearly Inflation for Engineering Services (PE and CE) (%/yr) =
	4.0%	Assumed Yearly Inflation for Right of Way (%/yr) =
	20.0%	Items not Estimated (% of Construction) =
	16.0%	Preliminary Engineering (% of Construction + Incentives) =
	16.0%	Construction Engineering (% of Construction + Incentives) =

Construction Items	Cost	Remarks
Public Information Services	\$12,000	
Roadway and Drainage	\$2,576,690	
Traffic and Safety	<u>\$1,085,955</u>	
<u>Structures</u>	<u>\$15,000</u>	
Environmental Mitigation	<u>\$137,428</u>	
<u>ITS</u>	<u>\$112,015</u>	
Subtotal	<u>\$3,939,088</u>	
Items not Estimated (20%)	\$787,818	
Construction Subtotal	\$4,726,906	
P.E. Cost P.E. Subtotal	\$758,673	16%
C.E. Cost C.E. Subtotal	\$758,673	16%
Right of Way Right of Way Subtotal	\$1,183,377	
Utilities Utilities Subtotal	\$332,742	
Incentives Subtotal	<u>\$14,799</u>	
Miscellaneous Subtotal	\$0	

Cost Estimate (ePM screen 505)		2	023		2026
	P.E.		\$759,000		\$848,000
	Right of Way		\$1,183,000		\$1,331,000
	Utilities		\$333,000		\$432,000
	Construction		\$4,727,000		\$6,138,000
	C.E.		\$759,000		\$848,000
	Incentives		\$15,000		\$19,000
	Aesthetics	0.75%	\$35,000		\$45,000
	Change Order Contingency	9.00%	\$429,000		\$557,000
	UDOT Oversight	5.00%	\$293,000		\$380,000
	Miscellaneous		\$0		\$0
		TOTAL	\$8,533,000	TOTAL	\$10,598,000

PROPOSED COMMISSION REQUEST TOTAL \$8,533,000 TOTAL \$10,598,000

Project Assumptions/Risks

600 West & Center Street Signal and RR Crossing to be connected to State Street Signal for coordination.	8
Equipment for RR Crossing assumed to be \$300,000 on top of traditional signal materials.	9
The pavement section on Center Street is assumed is the same as pleasant Grove BLVD	10
4 600 W pavement section obtianed from pipe plant geotech report	11
5	12
5	13
7	14

10/3/2023 Page 2 of 317

Inflation

CT 2022-10 PROJECT NAME: 600 West, Center St, and State St Intersection

Year	Rate	Recommended Rate	Cumulative Inflation Factor
2022	0.0%	0.0%	1.00
2023	8.0%	8.0%	1.08
2024	7.0%	7.0%	1.16
2025	6.0%	6.0%	1.22
2026	6.0%	6.0%	1.30
2027	6.0%	6.0%	1.38
2028	6.0%	6.0%	1.46
2029	6.0%	6.0%	1.55
2030	6.0%	6.0%	1.64
2031	6.0%	6.0%	1.74
2032	6.0%	6.0%	1.84
2033	6.0%	6.0%	1.95
2034	6.0%	6.0%	2.07
2035	6.0%	6.0%	2.19
2036	6.0%	6.0%	2.33
2037	6.0%	6.0%	2.46
2038	6.0%	6.0%	2.61
2039	6.0%	6.0%	2.77
2040	6.0%	6.0%	2.94
2041	6.0%	6.0%	3.11
2042	6.0%	6.0%	3.30
2043	6.0%	6.0%	3.50
2044	6.0%	6.0%	3.71
2045	6.0%	6.0%	3.93
2046	6.0%	6.0%	4.16
2047	6.0%	6.0%	4.41
2048	6.0%	6.0%	4.68

Please contact UDOT Estimate Support with any questions (801-360-0580).

Roadway and Drainage
PROJECT NAME: 600 West, Center St, and State St Intersection Improvements PIN: PROJECT 2022-10

Item #	Item	Quantity	Units	Price	Cost	Remarks
Roadway						
015017010	Mobilization	1	Lump	\$300,000.00	\$300,000.00	Usually 7-10% of construction
015547005	Traffic Control	1	Lump	\$115,000.00		Usually 3-5% of construction
	survey	1	lump	\$20,000.00	\$20,000.00	·
015727020	Dust Control and Watering	439	1000 gal	\$5.00	\$2,195.00	
020567005	Borrow (Plan Quantity)	0	cu yd	\$40.00	\$0.00	
020567015	Granular Borrow (Plan Quantity)	6,781	cu yd	\$45.00	\$305,145.00	
020567025	Granular Backfill Borrow (Plan Quantity)	1,215	cu yd	\$45.00	\$54,675.00	
	Remove concrete curb and gutter	1,571	sq ft	\$5.00	\$7,855.00	
	Remove concrete flatwork	1,475	sq ft	\$4.50	\$6,637.50	
022317010	Clearing and Grubbing	1	Lump	\$10,000.00	\$10,000.00	
	Demo and remove building	3	lump	\$50,000.00	\$150,000.00	
023167020	Roadway Excavation (Plan Quantity)	12,568	cu yd	\$28.00	\$351,904.00	
027217020	Untreated Base Course (Plan Quantity)	1,950	cu yd	\$55.00	\$107,250.00	
027357010	Micro-Surfacing	8,774	sq yd	\$0.50	\$4,387.00	
027377001	Asphalt Pavement Soft Spot Repair	0	cu yd	\$95.00	\$0.00	
027417050	HMA - 1/2 Inch	2,741	Ton	\$130.00	\$356,330.00	
027487010	Liquid Asphalt MC-70 or MC-250	18	Ton	\$500.00	. ,	Prime Coat
027487040	Emulsified Asphalt CSS-1	15	Ton	\$600.00	\$9,000.00	Tack Coat
027767025	Concrete Curb and Gutter Type B1	2,002	ft	\$31.00	\$62,062.00	
	Drive Approach	642	sq ft	\$16.00	\$10,272.00	
	Pedestrian access ramp	4	each	\$5,000.00	\$20,000.00	
027767010	Concrete Sidewalk	7,902	sq ft	\$11.25	\$88,897.50	
	Concrete trail 10 ft	5,980	sq ft	\$10.00	\$59,800.00	
	Concrete Type B5 curb	704	ft	\$45.00	\$31,680.00	
	Plowable end section	4	each	\$2,500.00	\$10,000.00	
	Reconstruct valve box	4	each	\$750.00	\$3,000.00	
	Reconstruct manhole	5	each	\$850.00	\$4,250.00	
028227030	Right-of-Way Fence, Type D (Metal Post)	450	ft	\$25.00	\$11,250.00	
	Railroad crossing upgrades	1	lump	\$500,000.00	\$250,000.00	
					*** 400 F00	
Roadway Subtotal		1			\$2,420,590	
Drainage						
023737010	Loose Riprap		cu yd			
026107386	Drainage Pipe - 18 inch, Smooth, Leak-Resistant	620	ft	\$130.00	\$80,600.00	
026107388	Drainage Pipe - 24 inch, Smooth, Leak-Resistant		ft			
026107391	Drainage Pipe - 36 inch, Smooth, Leak-Resistant		ft			
022217095	Remove Pipe		ft	\$45.00		
	SD manhole	2	Each	\$8,500.00	\$17,000.00	
026337130	Concrete Drainage Structure 5 ft to 7 ft deep - CB 9	9	Each	\$6,500.00	\$58,500.00	
Drainage Subtotal					\$156,100	
PI						
015407010	Public Information Services	1	Lump	\$10,000.00	\$12.000	Usually 0.25% of construction
010101010	- abile mornadon convicco	'	Edilib	ψ10,000.00	Ψ12,000	ocacing of contraction

Traffic, Safety & ITS

	1	1 1				
ltem #	ltem	Quantity	Units	Price	Cost	Remarks
Traffic						
027657050	Pavement Marking Paint	104	gal	\$55.00	\$5,720.00	
027687105	Pavement Message (Preformed Thermoplastic)	22	Each	\$215.00	\$4,730.00	
027687110	Pavement Message (Preformed Thermoplastic Stop Line, Crosswalks - 12 inch)	7	Each	\$215.00	\$1,505.00	
028417094	Midwest 31 Inch W-Beam Guardrail 7 ft Steel Post		ft			
028437035	End Treatment Type G (MASH)		Each			
028447111	Precast Concrete Barrier – 32 inch F-Shape, No Stabilization Pins		ft			
#N/A	Sign Type A-1,	19		\$700.00	\$13,300.00	
028917270	Remove Sign Less Than 20 Square Feet	4	Each	\$175.00	\$700.00	
028917285	Relocate Sign Less Than 20 Square Feet		Each	\$200.00		
Signals						
02892701D	Traffic Signal System	1	Lump	\$650,000.00	\$650,000.00	
	Railroad integration with arms	1	Lump	\$360,000.00	\$360,000.00	
Lighting						
16525701D	Highway Lighting System	1	Lump	\$50,000.00	\$50,000.00	Lighting surrounding signal
Traffic and Saf	ety Subtotal	<u> </u>			\$1,085,955	
ITO						
ITS				407.55	<u> </u>	
135537035	1D Conduit	1,259	ft	\$85.00	· · · · · · · · · · · · · · · · · · ·	Length of Center x6
135567010	Closed Circuit Television (CCTV) Assembly System	1	Lump	\$5,000.00	\$5,000.00	
ITS Subtotal	1	<u> </u>			\$112,015	

Structures

Item #	Item	Quantity	Units	Price	Cost	Remarks
Bridges						
	New Structure		sq ft			Assumed LxW (deck area)
Walls						
	Retaining Wall		sq ft			Assumed LxH (wall area)
Sign Struc	tures					
	Overhead Sign Structure	1	Lump			
028917265	Remove Overhead Sign	1	Each			
	Remove Existing Overhead Sign Structure	1	Lump			
Hydraulics						
	Extend Box Culvert		ft			
	New Box Culvert	1	Lump			
Geotech						
	Geotech Report	1	Lump	\$15,000.00	\$15,000.00	
	Drilling	1	Lump			
Structures S	<u>l</u> ubtotal		\$15,000			

Environmental and Landscaping

Item #	Item	Quantity	Units	Price	Cost	Remarks
Environmen	tal					
	Wetland Mitigation	1	Lump			
	Noise Wall		ft			
	Enviromental study	1	Lump	\$75,000.00	\$75,000.00	
	SWPPP	1	Lump	\$6,500.00	\$6,500.00	
Temporary E	Frosion Control					
015717030	Silt Fence	1,900	ft	\$4.00	\$7,600.00	
015717025	Check Dam - Fiber Roll		ft			
Landscaping						
029117010	HECP Type 1		Acre			
	rock mulch and fabric	7,435	sq ft	\$6.50	\$48,327.50	
029127010	Contractor Furnished Topsoil		sq yd			
029127050	Strip, Stockpile, and Spread Topsoil (Plan Quantity)		sq yd			
029227010	Drill Seed		Acre			
029227030	Broadcast Seed		Acre			
Environmental	Mitigation Subtotal				\$137,428	

Utilities, Right of Way, and Incentives

PIN: PROJECT 2022-10 PROJECT NAME: 600 West, Center St, and State St Intersection Improvements

Item #	Item	Quantity	Units	Price	Cost	Remarks
Utilities						
Utilities		4				
	Relocate Water/Irrigation/Sewer Lines	1	Lump	#00.000.00	# 00 000 00	
	Sub surfacve Utiltiy investigation	1	Lump	\$60,000.00	\$60,000.00	
	Relocate Water	542	Feet	\$120.00	\$65,040.00	
	Relocate Irrigation	1	Feet	4000.00	****	
	Relocate Sewer Lines	1	Feet	\$202.00	\$202.00	
	Relocate Gas Line	1	Lump	\$50,000.00		assumed 50%
	Relocate Power Line	1	Lump	\$82,500.00		assumed 50%
	Relocate Fiber Optic	1	Lump	\$75,000.00	\$75,000.00	assumed 50%
	Relocate Gas Line	1	Lump			
	Relocate Power Line	1	Lump			
	Relocate Fiber Optic	1	Lump			
	Relocate Phone	1	Lump			
Utilities Subtot	tal .				\$332,742	<u> </u>
Othicles Subto					\$33Z,14Z	
Right-of-way	y					
	parcel 14:025:0183	1	Lump	\$636,570.00	\$636,570.00	2024 tax value is \$578,700
	parcel 14:025:0182	1	Lump	\$566,500.00	\$566,500.00	2024 tax value is \$515,300
	parcel 14:025:0194	1	Lump	\$590,920.00		2024 tax value is \$537,200
	parcel 14:025:0045	1,250	sq ft	\$15.00		roadway ROW
	Agent fee	1	Lump	\$90,637.00	\$90,637.00	
	Sellable property	60,000	sq ft	-\$12.00	-\$720,000.00	
Right-of-Way S	Substate				¢4 402 277	
Rigiti-oi-way S	J				\$1,183,377	
Incentives						
00007601*	Pavement Smoothness Incentive	1	Lump			
00007602*	Hot Mix Asphalt (HMA) Incentive	1	Lump	\$13,979.10	\$13,979.10	
00007603*	Stone Matrix Asphalt (SMA) Incentive	1	Lump	, ,	, -,	
00007604*	Open Graded Surface Course Incentive	1	Lump			
00007605*	Bonded Wearing Course Incentive	1	Lump	\$820.37	\$820.37	
00007606*	Early Completion - Time	0	Cal d	ψ020.01	Ψ020.01	
#N/A	Lane Rental Incentive	0	#N/A			
#N/A	Miscellaneous Incentive	1	#N/A	+		
111 N/FX	THE CONTROL TO THE CO	'	// N//-X			
Incentives Sub	total				\$14,799	

Concept Level Est Form Rev. 5/30/2017

Cost Estimate Summary of Assumptions PIN: PROJECT 2022-10 PROJECT NAME: 600 West, Center St, and State St Intersection Improvements

Material	Unit W	<i>l</i> eights		Application Rates	
Borrow	130	lb/cf			
Granular Backfill Borrow	130	lb/cf			
Granular Borrow	142	lb/cf			
UTBC	138	lb/cf			
HMA	151	lb/cf			
OGSC	135	lb/cf			
Asphalt Binder	6.10%	OGSC			
Prime Coat	249	gal/ton	0.50	gal/sy	
Tack Coat	240	gal/ton	0.07	gal/sy	
Emulsified Asphalt LMCRS-2	250	gal/ton	0.40	gal/sy	
Flush Coat	245	gal/ton	0.11	gal/sy	
			42	gal/cy GB	
Water			51	gal/cy UTBC	
			45	gal/cy Borrow/Embankment	

<u>Oil</u>												
	Prim	ne Coat		Tac	k Coat		OGSC Tac	k Coat	Chip Seal Er	nulsion	Flush Coat	
Roadway	Area	T	Lift	# of onno	Area	Tono	Area	Tono	Area	Tono	Area	Tono
	sy	Tons	in	# of apps	sy	Tons	sy	Tons	sy	Tons	sy	Tons
Center Street	5,110.00	10.26	1	6	5,110.00	8.94			5,110.00	8.18	5,110.00	2.29
600 West	3,090.00	6.20	1	5	3,090.00	4.51			3,090.00	4.94	3,090.00	1.39
Private Access Road	112.00	0.22	1	4	112.00	0.13			112.00	0.18	112.00	0.05
Garden Drive	461.11	0.93	1	4	461.11	0.54			461.11	0.74	461.11	0.21
roadway excavation												
TOTALS	8	18				15		0		15		4

<u>vements</u>	<u> </u>			T	Π		G	ranular Borro	ow .				Untreated B	ase Course				НМ	IA		T	SMA			OGSC		<u> </u>	Chip Seal, Micro	o-	PCCP		Rot	omilling
Roadway	Lengt	Top Widt	No. of Si with We Paveme	dge Side	Slope [Depth	Width	Vol		Tons	Dep		Width	Vol	Tons	Depth	1	# of Joints	Width	Tons	Depth	Width	Tons	Depth		ons	Asphalt Binder	Surfacing or		epth	Area	Depth	Ar
nter Street	ft 730	ft 63.0	0	0		in 32.00	ft 63.00	cy 4,542.:		8,707.44	in 8.0		ft 63.00	cy 1,135.5		in 4 6.00			ft 63.00	1,736.12	in	ft		in			Tons	sy 5,110.00	i	in	sy	in	S
) West vate Access Road	618 42			0		22.00 22.00	45.00 24.00	1,888. 68.4	33	3,619.94 131.21	8.0 8.0	0	45.00 24.00	686.67 24.89	1,279.2	6 5.00			45.00 24.00	874.86 25.37								3,090.00 112.00					
len Drive way excavation	83	50.0		0		22.00	50.00	281.7	9	540.19	8.0	0	50.00	102.47	190.90				50.00	104.44								461.11					
				1	OTALS			6,78		12,999				1,950	3,633					2,741			0			0	0	8,774			0		C
thwork																			_		<u>Water</u>												
Roadway	Lengt	n Dept	dway Excav	V		Length	Depth	Widtl	orrow	Vol	Tor	ns	Length	Depth				Tons					aterial		C	/ol	gal	1,000 gal					
enter Street	60,022	in 00 46.0) 1.00	8,52		ft	in	ft		су			1,460.00	12.00			1	1,043.90	_		Granular Borro Untreated Base					781 950	284,802 99,450	285 99					
West vate Access Road	37,450.	00 35.0	1.00	4,04	5.52								1,236.00 84.00	12.00 13.00	11.00	37.07		883.74 65.07	_		Borrow Granular Backf	ill Borrow/Embankm	ent	TOTA		0 215	54,675	55					
den Drive way excavation													166.00	14.00	11.00	78.90		138.47						1017	LS			439					
																			_														
ТОТА	ALS			12,	568					0	0					1,215		2,132	J														
vement Marking Pa	<u>aint</u>										Pavem	ent Mark	ing Applica	ation Rates																			
Roadway	Lengt	Edges be Stripe	d Ocharai	on Median	Striping S Adj	Inter- section justment	Length	Pavem Marking F	ent Paint				Stripin	g Туре		ft/gal																	
nter Street	ft 730		Lines 4		2	ft 50	ft 5890	gal 56			Solid Broken					190 760																	
West vate Access Road	618	2	4		2	50	4994	48			Median Intersection	on				95 190																	
den Drive dway excavation																																	
ТОТ	ALS				<u> </u>		10,884	104																									
sc. Area Calculator	<u>'</u>																			Misc. Volume	Calculator	_		<u>,</u>			_					_	
Area Location	on	Leng	h Width	Tota	Area			Notes												Volume I	ocation	Length	Width	Depth	Total \	Volume			Notes				
																																1	
																																_	
																Pr	oject <i>i</i>	Assump	tions/Ri	sks													
00 West & Center Stre	eet Signal	and RR (Crossing to	be conne	ected to St	tate Stree	et Signal fo	r coordinati	on.								8																
quipment for RR Cros	ssing assur	ned to be	\$300,000	on top of	traditional	l signal m	naterials.										9																
he pavement section o						sant Grov	ve BLVD										10																
00 W pavement sectio	on obtianed	from pip	e plant ge	otech rep	ort												11																
																	12																
																	13																

Prints on 11x17 - adjust print layout after column/row adjustments are completed.

Choose Either Ton or Vol
Manually Input
Linked to Roadway Item

This section calculates the extra area per foot of the side slope material due to the 2% cross-slope

				Volume (ft^3/ft)					
Side slope length factor			Side Slope Area Triangle	Side Slope Area					
	GB	UTB	НМА	SMA	GB	UTB	НМА	SMA	
0.0000	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	
0.0000	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	
0.0000	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	
0.0000	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	

Concept Level Est Form 9/3/2023 Rev. 5/30/2017

Incentives Calculator

2017 Specification	Incentive	Quantity	Unit	Max Unit Incentive	Ма	x Incentive	Adjustment Factor	Assumed Incentive	Remarks
02701 - Smoothness	See below - Section 1.8	1	Lump	\$0.00	/Lump	\$0.00	0.75	\$0.00	Use the Calculations below
00221S - Bidding Contract Time	Early Completion Incentive - Section 1.7.D.4		Cal'd		/Cal'd	\$0.00	1	\$0.00	
00222S - Lane Rental	Lane Rental Incentive - Section 1.8.B.1		Hours		/Hour	\$0.00	1	\$0.00	
	In Place Mat Density - Section 1.6.D.1	2,741	Ton	\$2.00	/Ton	\$5,482.00	0.85	\$4,659.70	
02741 - HMA	Gradtion/Asphalt Content - Section 1.6.D.1	2,741	Ton	\$2.00	/Ton	\$5,482.00	0.85	\$4,659.70	
	Joint Density - Section 1.6.D.6	2,741	Ton	\$2.00	/Ton	\$5,482.00	0.85	\$4,659.70	
02744 - SMA	Asphalt Binder Content & Density - Section 1.6.D.1	0	Ton	\$2.50	/Ton	\$0.00	0.50	\$0.00	
02744 - SMA	Gradation - Section 1.6.D.1	0	Ton	\$2.50	/Ton	\$0.00	0.50	\$0.00	
02786 - OGSC	Binder Content - Section 1.6.B.2	0	Ton	\$1.00	/Ton	\$0.00	0.85	\$0.00	
02760 - 0030	Gradation - Section 1.6.B.3	0	Ton	\$1.50	/Ton	\$0.00	0.85	\$0.00	
02707 Pandad Waaring Course	Binder Content - Section 1.6.C.3	8,774	/SQ YD	\$0.05	/Sq yd	\$438.70	0.85	\$372.90	
02787 - Bonded Wearing Course	Gradation - Section 1.6.C.4	8,774	/SQ YD	\$0.06	/Sq yd	\$526.44	0.85	\$447.47	
Miscellaneous	Community Coordination Incentive	1	Lump	\$0.00	/Lump	\$0.00	1	\$0.00	
		-					Total:	\$14,799.47	

	Smoothness	Calculations (2017 Specification -	2701 and 02742S)	
		HMA, OG	SC, BWC, & SMA Incentive	
	Table 1	Length	0.16	miles
HM	A, OGSC, BWC, & SMA Incentive	Lanes		
Category*	Max Incentive per Pavement Section			
1 and 2	\$500	Incentive	\$0	
			D00D1 (1	
	Table 2	l an other	PCCP Incentive	
	PCCP Incentive	Length Lanes	0.16	miles
ategory*	Max Incentive per Pavement Section	Laries		
1	\$1,000	Incentive	\$0	
			·	
		Definitions		
	*In a service and itself to LIMA DOOD, OCCO, DIMO, OMA			
	*Incentive applied to HMA, PCCP, OGSC, BWC, SMA 1) Pavement surfaces having two or more	enportunities for improving the ride +		
	Category 1 2) Portland cement concrete paving.	opportunities for improving the fide.+		
		hout two or more opportunities for improving ri	ide.	
	oatogory 2 promy construct parometric man	The state of the s		
	+ Opportunity to improve ride:			
	1) Placing Granular Borrow, Untreated Base Course, Tre Stone Matrix Asphalt (SMA), Cold-In-Place Recycling, Ho		urse (OGSC), Bonded Wearing	Course (BWC)
	2) Rotomilling greater than 1.5 inches in depth.			
	3) Lane leveling is not considered an opportunity to impro	ove the ride.		
	Pavement Section - Each travel lane or median, 0.1 mile	long.		
	Incombine along mot apply to the LIMA confessor on preject	a that include an OCCO DIMO at CMA places	d accomplished LIMA accompany	
	Incentive does not apply to the HMA surfaces on projects	s that include an OGSC, BWC, or SMA placed	o over the HiviA surface.	
	Apply Incentive to Category 1 and 2 pavements longer th	an 1,000 ft in length, including:		
	1 All traffic lanes			
	2 Ramps			
	3 Medians 8 ft and wider			
	4 Turn lanes	a surfaces placed as part of the contract		
	5 Bridges and approach slabs with final ridin	ig surfaces placed as part of the contract		
	Do not apply Incentive to:			
	1 Pavements shorter than 1,000 ft			
	2 Shoulders			
	3 Bike Lanes 4 Medians narrower than 8 ft			
	Horizontal curves with a contacting curvetu	re radius less than 900 ft and areas within the	a superplayation transitions to the	see chart radi
	5 curves	ne radius iess triair 300 it ariu aleas Withii trie	saperetevation transitions to the	500 311UIL 18UI
	6 Tapers			
			act	

PIN: PROJECT 2022-10 PROJECT NAME: PG Center Street at 600 West Cost Estimate - Concept Level

Prepared By: Britton - Pleasant Grove City Date 9/26/2023

Proposed Project Scope: Roundabout option

Approximate Route Reference Mile Post (BEGIN) =	0.000	(END) =	0.160
Project Length =	0.160	miles	845 ft
Current Year =	2023		
Assumed Construction Year =	2026		
Construction Items Inflation Factor =	<u>1.30</u>	3 yrs	s for inflation
Assumed Yearly Inflation for Engineering Services (PE and CE) (%/yr) =	3.75%		
Assumed Yearly Inflation for Right of Way (%/yr) =	4.0%		
Items not Estimated (% of Construction) =	20.0%		
Preliminary Engineering (% of Construction + Incentives) =	16.0%		
Construction Engineering (% of Construction + Incentives) =	16.0%		

Construction Items		Cost	Remarks
Public Information Services		\$13,000	
Roadway and Drainage		\$2,954,723	
Traffic and Safety		\$1,355,000	
<u>Structures</u>		\$22,000	
Environmental Mitigation		\$129,252	
<u>ITS</u>		\$115,825	
	Subtotal	\$4,589,800	
	Items not Estimated (20%)	\$917,960	
	Construction Subtotal	\$5,507,760	
P.E. Cost	P.E. Subtotal	\$883,598	16%
C.E. Cost	C.E. Subtotal	\$883,598	16%
Right of Way	Right of Way Subtotal	\$1,009,430	
Utilities	Utilities Subtotal	\$332,742	
Incentives	Incentives Subtotal	<u>\$14,727</u>	
Miscellaneous	Miscellaneous Subtotal	\$0	

Cost Estimate (ePM screen 505)		2	2023		2026
P.E.			\$884,000		\$987,000
Right of	Way		\$1,009,000		\$1,135,000
Utilities			\$333,000		\$432,000
Construc	ction		\$5,508,000		\$7,152,000
C.E.			\$884,000		\$987,000
Incentive	es		\$15,000		\$19,000
Aesthetic	cs	0.75%	\$41,000		\$53,000
Change (Order Contingency	9.00%	\$499,000		\$648,000
UDOT O	versight	5.00%	\$339,000		\$440,000
Miscella	neous		\$0		\$0
	Т	ΓΟΤΑL	\$9,512,000	TOTAL	\$11,853,000
PROPOSED C	COMMISSION REQUEST T	ΓΟΤΑL	\$9,512,000	TOTAL	\$11,853,000

Project Assumptions/Risks

600 West & Center Street RR Crossing to be connected to State Street Signal for coordination.	8
Equipment for RR Crossing assumed to be \$500,000 on top of traditional signal materials.	9
The pavement section assumed the same as pleasant Grove BLVD	10
4	11
5	12
6	13
7	14

10/3/2023 Page 2 of 317

Inflation

PIN: PROJECT 2022-10 PROJECT NAME: PG Center Street at 600 West

		1	
Year	Rate	Recommended Rate	Cumulative Inflation Factor
2022	0.0%	0.0%	1.00
2023	8.0%	8.0%	1.08
2024	7.0%	7.0%	1.16
2025	6.0%	6.0%	1.22
2026	6.0%	6.0%	1.30
2027	6.0%	6.0%	1.38
2028	6.0%	6.0%	1.46
2029	6.0%	6.0%	1.55
2030	6.0%	6.0%	1.64
2031	6.0%	6.0%	1.74
2032	6.0%	6.0%	1.84
2033	6.0%	6.0%	1.95
2034	6.0%	6.0%	2.07
2035	6.0%	6.0%	2.19
2036	6.0%	6.0%	2.33
2037	6.0%	6.0%	2.46
2038	6.0%	6.0%	2.61
2039	6.0%	6.0%	2.77
2040	6.0%	6.0%	2.94
2041	6.0%	6.0%	3.11
2042	6.0%	6.0%	3.30
2043	6.0%	6.0%	3.50
2044	6.0%	6.0%	3.71
2045	6.0%	6.0%	3.93
2046	6.0%	6.0%	4.16
2047	6.0%	6.0%	4.41
2048	6.0%	6.0%	4.68

Please contact UDOT Estimate Support with any questions (801-360-0580).

Roadway and Drainage
PIN: PROJECT 2022-10 PROJECT NAME: PG Center Street at 600 West

ltem #	Item	Quantity	Units	Price	Cost	Remarks
Roadway						
015017010	Mobilization	1	Lump	\$350,000.00	\$350.000.00	Usually 7-10% of construction
015547005	Traffic Control	1	Lump	\$120,000.00		Usually 3-5% of construction
0.0000	survey	1	lump	\$20,000.00	\$20,000.00	
015727020	Dust Control and Watering	363	1000 gal	\$5.00	\$1,815.00	<u> </u>
020567005	Borrow (Plan Quantity)	164	cu yd	\$40.00	\$6,560.00	
020567015	Granular Borrow (Plan Quantity)	6,556	cu yd	\$45.00	\$295,020.00	
020567025	Granular Backfill Borrow (Plan Quantity)	0	cu yd	ψ10.00	Ψ200,020.00	
020001020	Remove concrete curb and gutter	1,138	sq ft	\$5.00	\$5,690.00	
	Remove concrete flatwork	3,372	sq ft	\$4.50	\$15,174.00	
022317010	Clearing and Grubbing	1	Lump	\$10,000.00	\$10,000.00	
	Demo and remove building	1	lump	\$50,000.00	\$50,000.00	
023167020	Roadway Excavation (Plan Quantity)	10,865	cu yd	\$28.00	\$304,220.00	
027217020	Untreated Base Course (Plan Quantity)	1,573	cu yd	\$55.00	\$86,515.00	
027357010	Micro-Surfacing	7,077	sq yd	\$0.50	\$3,538.50	
027377001	Asphalt Pavement Soft Spot Repair	0	cu yd	\$95.00	\$0.00	
027417050	HMA - 1/2 Inch	2,405	Ton	\$130.00	\$312,650.00	
027487010	Liquid Asphalt MC-70 or MC-250	15	Ton	\$500.00	. ,	Prime Coat
027487040	Emulsified Asphalt CSS-1	13	Ton	\$600.00		Tack Coat
027527010	Portland Cement Concrete Pavement 9 inch Thick	4,511	sq ft	\$17.00	\$76,687.00	
027767025	Concrete Curb and Gutter Type B1	1,355	ft	\$35.00	\$47,425.00	
021101020	Pedestrian access ramp	8	each	\$5,000.00	\$40,000.00	
	Drive Approach	852	sq ft	\$16.00	\$13,632.00	
027767010	Concrete Sidewalk	7,482	sq ft	\$10.00	\$74,820.00	
021101010	Concrete trail 10 ft	2,080	sq ft	\$10.00	\$20,800.00	
	mountable curb	250	ft	\$45.00	\$11,250.00	
	Concrete Type B5 curb	1,212	ft	\$32.00	\$38,784.00	
	Plowable end section	6	Easch	\$2,500.00	\$15,000.00	
	Median concrete flatwork	7,236	sq ft	\$12.00	\$86,832.00	
	Reconstruct valve box	4	each	\$750.00	\$3,000.00	
	Reconstruct manhole	9	each	\$850.00	\$7,650.00	
028227030	Right-of-Way Fence, Type D (Metal Post)	417	ft	\$25.00	\$10,425.00	
029617020	Rotomilling - 1 Inch		sq yd	¥_0.00	+ ,	
	Railroad pedestrian crossings	1	lump	\$100,000.00	\$100,000.00	
	Railroad crossing upgrades	1	lump	\$500,000.00	\$500,000.00	
			'	. ,	• •	
Roadway Subtotal		•	•		\$2,642,788	
Drainage						
023737010	Loose Riprap		cu yd		•	
026107386	Drainage Pipe - 18 inch, Smooth, Leak-Resistant	1,323	ft	\$130.00	\$171,990.00	
026107388	Drainage Pipe - 24 inch, Smooth, Leak-Resistant		ft			
026107391	Drainage Pipe - 36 inch, Smooth, Leak-Resistant		ft			
022217095	Remove Pipe	1,221	ft	\$45.00	\$54,945.00	
	SD manhole	3	Each	\$8,500.00	\$25,500.00	
026337130	Concrete Drainage Structure 5 ft to 7 ft deep - CB 9	7	Each	\$8,500.00	\$59,500.00	
Drainage Subtotal		<u> </u>			\$311,935	
PI 015407010	Public Information Sorvices	1	Lumn	¢12 000 00	¢42.000	Liqually 0.25% of construction
010407010	Public Information Services		Lump	\$13,000.00	\$13,000	Usually 0.25% of construction

Traffic, Safety & ITS

Item #	Item	Quantity	Units	Price	Cost	Remarks
100111 11			· · · · · ·	11100		
Traffic						
027657050	Pavement Marking Paint	0	gal	\$55.00	\$0.00	
027687105	Pavement Message (Preformed Thermoplastic)		Each	\$215.00		
027687110	Pavement Message (Preformed Thermoplastic Stop Line, Crosswalks - 12 inch)		Each	\$215.00		
028417094	Midwest 31 Inch W-Beam Guardrail 7 ft Steel Post		ft			
028437035	End Treatment Type G (MASH)		Each			
028447111	Precast Concrete Barrier – 32 inch F-Shape, No Stabilization Pins		ft			
028917028	Sign Type A-1, 12 Inch X 36 Inch		Each			
028917270	Remove Sign Less Than 20 Square Feet		Each	\$175.00		
028917285	Relocate Sign Less Than 20 Square Feet		Each	\$200.00		
	Lump sum striping and signing	1	Lump	\$20,000.00	\$25,000.00	
Signals						
#N/A	State street integration	1	Lump	\$80,000.00	\$80,000.00	
	Railroad integration with arms	1	Lump	\$1,200,000.00	\$1,200,000.00	
Lighting						
16525701D	Highway Lighting System	1	Lump	\$50,000.00	\$50,000.00	Lighting surrounding signal
Traffic and Saf	ety Subtotal				\$1,355,000	
ITS						
135537035	1D Conduit	1,245	ft	\$85.00		Length of Center x6
135567010	Closed Circuit Television (CCTV) Assembly System	1	Lump	\$10,000.00	\$10,000.00	
ITC Cubtotal	<u> </u>				\$44E 00E	<u> </u>
ITS Subtotal					\$115,825	

Structures

Item #	Item	Quantity	Units	Price	Cost	Remarks
Bridges						
	New Structure		sq ft			Assumed LxW (deck area)
Walls						
	Retaining Wall		sq ft			Assumed LxH (wall area)
Sign Struc	tures					
	Overhead Sign Structure	1	Lump			
028917265	Remove Overhead Sign	1	Each			
	Remove Existing Overhead Sign Structure	1	Lump			
Hydraulics						
	Extend Box Culvert		ft			
	New Box Culvert	1	Lump			
Geotech						
	Geotech Report	1	Lump	\$22,000.00	\$22,000.00	
	Drilling	1	Lump			
Structures S	<u>l</u> ubtotal	<u> </u>			\$22,000	

Environmental and Landscaping

Item #	Item	Quantity	Units	Price	Cost	Remarks
Environmen	 tal					
Environmen		1 1	Lunan			
	Wetland Mitigation	1	Lump			
	Noise Wall		ft			
	Enviromental study	1	Lump	\$75,000.00	\$75,000.00	
	SWPPP	1	Lump	\$6,500.00	\$6,500.00	
Temporary I	Erosion Control					
015717030	Silt Fence	1,130	ft	\$4.00	\$4,520.00	
015717025	Check Dam - Fiber Roll		ft			
Landscapin	g					
029117010	HECP Type 1		Acre			
	rock mulch and fabric	6,651	sq ft	\$6.50	\$43,231.50	
029127010	Contractor Furnished Topsoil		sq yd			
029127050	Strip, Stockpile, and Spread Topsoil (Plan Quantity)		sq yd			
029227010	Drill Seed		Acre			
029227030	Broadcast Seed		Acre			
Environmental	Mitigation Subtotal		\$129,252			

Utilities, Right of Way, and Incentives

Item #	Item	Quantity	Units	Price	Cost	Remarks
Utilities						
	Sub surfacve Utiltiy investigation	1	Lump	\$60,000.00	\$60,000.00	
	Relocate Water	542	Feet	\$120.00	\$65,040.00	
	Relocate Irrigation	1	Feet	·	· ,	
	Relocate Sewer Lines	1	Feet	\$202.00	\$202.00	
	Relocate Gas Line	1	Lump	\$50,000.00	\$50,000.00	assumed 50%
	Relocate Power Line	1	Lump	\$82,500.00	\$82,500.00	assumed 50%
	Relocate Fiber Optic	1	Lump	\$75,000.00	\$75,000.00	assumed 50%
	Relocate Phone	1	Lump			
Utilities Subtot	<u> </u> al				\$332,742	
					4002,1 12	
Right-of-way	/					
	parcel 14:025:0167	1	Lump	\$923,120.00	\$923,120.00	2023 tax value is \$839,200
	parcel 14:025:0194	1	Lump	\$590,920.00		2024 tax value is \$537,200
	parcel 14:025:0045	1,250	sq ft	\$15.00	\$18,750.00	roadway ROW
	Agent fee	1	Lump	\$76,639.50	\$76,639.50	
	Sellable property	50,000	sq ft	-\$12.00	-\$600,000.00	lower value to 50 SF
Right-of-Way S	<u>l</u> Subtotal		<u> </u>	<u> </u>	\$1,009,430	
Incentives						
00007601*	Pavement Smoothness Incentive	1	Lump	\$1,800.00	\$1,800.00	
00007602*	Hot Mix Asphalt (HMA) Incentive	1	Lump	\$12,265.50	\$12,265.50	
00007603*	Stone Matrix Asphalt (SMA) Incentive	1	Lump			
00007604*	Open Graded Surface Course Incentive	1	Lump			
00007605*	Bonded Wearing Course Incentive	1	Lump	\$661.70	\$661.70	
00007606*	Early Completion - Time	0	Cal d			
#N/A	Lane Rental Incentive	0	#N/A			
#N/A	Miscellaneous Incentive	1	#N/A			
Incentives Sub					\$14,727	

Cost Estimate Summary of Assumptions PIN: PROJECT 2022-10 PROJECT NAME: PG Center Street at 600 West

Material	Unit W	eights	Application Rates					
Borrow	130	lb/cf						
Granular Backfill Borrow	130	lb/cf						
Granular Borrow	142	lb/cf	1					
UTBC	138	lb/cf	1					
HMA	151	lb/cf	1					
OGSC	135	lb/cf	1					
Asphalt Binder	6.10%	OGSC	1					
Prime Coat	249	gal/ton	0.50	gal/sy				
Tack Coat	240	gal/ton	0.07	gal/sy				
Emulsified Asphalt LMCRS-2	250	gal/ton	0.40	gal/sy				
Flush Coat	245	gal/ton	0.11	gal/sy				
			42	gal/cy GB				
Water			51	gal/cy UTBC				
			45	gal/cy Borrow/Embankment				

<u>Oil</u>													
	Prin	ne Coat		Tack Coat				OGSC Tack Coat		Chip Seal Emulsion		Flush Coat	
Roadway	Area	T	Lift	# of onno	Area	T	Area	Tons	Area	Tono	Area	Tons	
	sy	Tons	in	# of apps	sy	Tons	sy	Tons	Tons sy		sy	Tons	
Center Street													
600 West			1										
Private Access Road			1										
outside of asphalt													
roundabout	7,076.89	14.21	1	6	7,076.89	12.38			7,076.89	11.32	7,076.89	3.18	
perimeter													
TOTALS		15				13		0		12		4	

Payamonts																									
<u>Pavements</u>				Gra	anular Borrow			Untreated B	ase Course			HN	MA			SMA			OGSC		Chip Seal, Micro-	PCC	P	Rotomil	Iling
Roadway	Length Top No. of Side with Wedg Pavement	e Side Slope		Width	Vol	Tons	Depth	Width	Vol	Tons	Depth	# of Joints	Width	Tons	Depth	Width	Tons	Depth	Tons	Asphalt Binder Tons	Course	Depth			Area
Center Street 600 West	840 77.0 0 640 45.0 0	0	in	IL	су		In	II.	су		in		IL IL		in in	IL		In		Tons	sy	III .	sy	in	sy
Private Access Road outside of asphalt	21,457 1.0 0	0	4.00 32.00	1.00	264.90	507.82	0.00	100	1.570.01	2 202 22	2.22		4.00	0.404.07							7.070.00				
roundabout perimeter	63,692 1.0 0	0	32.00	1.00	6,290.57	12,059.02	8.00	1.00	1,572.64	2,929.83	6.00	3	1.00	2,404.37							7,076.89				
		TOTAL	S		6,556	12,567			1,573	2,930				2,405			0		0	0	7,077		0		0
<u>Earthwork</u>	Roadway Excavati	on	_		Borrov	w		T	Granular	Backfill Borrow/	/Embankment		7		<u>Water</u>				Vol		1,000				
Roadway	Length Depth Width ft in ft	Vol	Length ft	Depth in	Width ft	Vol	Tons	Length ft	Depth in	Width ft	Vol	Tons			Granular Borrov	Mate	erial		су 6,556	gal 275,352	1,000 gal				
Center Street 600 West Private Access Road															Untreated Base Borrow Granular Backfi	Course Borrow/Embankmen	t		1,573 164 0	80,223 7,380 0	7 0				
outside of asphalt roundabout	21,457.00 12.00 1.00 70,928.00 46.00 1.00	794.70 10,070.02																TOTALS		-	363				
perimeter	1,105.00		1,105.00	12.00	4.00	163.70	287.30																		
TOTAL	.S	10,865	1			164	288	<u> </u>			0	0	_												
Pavement Marking Pair		1	lata a		T	7	Pavement M	arking Applica	tion Rates																
Roadway	Length Edges to be Striped Separation Lines	Modian Striping	Inter- section Adjustment	Length	Pavement Marking Paint		Solid	Striping	д Туре		ft/gal														
Center Street 600 West	II.		IL	II.	yaı		Solid Broken Median				760 95														
Private Access Road outside of asphalt roundabout perimeter							Intersection				190														
perimeter																									
TOTAL	S			0	0	<u> </u>																			
Misc. Area Calculator		1					٦							Misc. Volume	Calculator		T								
Area Location	Length Width	Total Area			Notes									Volume L	_ocation	Length	Width	Depth	Total Volume		N	otes			
							<u>-</u> -																		
											Dusiast	. ^	. 4: /D:	l											
600 West & Center Stree	et RR Crossing to be connected	to State Stre	et Signal for	· coordination	1						Project	Assump	otions/Ris	SKS											
	ing assumed to be \$500,000 or																								
	ssumed the same as pleasant (
<u> </u>											12														
6							13																		

Prints on 11x17 - adjust print layout after column/row adjustments are completed.

Choose Either Ton or Vol
Manually Input
Linked to Roadway Item

This section calculates the extra area per foot of the side slope material due to the 2% cross-slope

		Volume (ft^3/ft)												
ide slope length factor			Side Slope Area Triangle	Side Slope Area										
	GB	UTB	НМА	SMA	GB	UTB	НМА	SMA						
0.0000	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000						
0.0000	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000						
0.0000	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000						
0.0000	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000						

Incentives Calculator

2017 Specification	Incentive	Quantity	Unit	Max Unit Incentive	Max Incentive	Adjustment Factor	Assumed Incentive	Remarks
02701 - Smoothness	See below - Section 1.8	1	Lump	\$2,400.00	/Lump \$2,40	0.00 0.75	\$1,800.00	Use the Calculations below
00221S - Bidding Contract Time	Early Completion Incentive - Section 1.7.D.4		Cal'd		/Cal'd \$	0.00 1	\$0.00	
00222S - Lane Rental	Lane Rental Incentive - Section 1.8.B.1		Hours		/Hour \$	0.00 1	\$0.00	
	In Place Mat Density - Section 1.6.D.1	2,405	Ton	\$2.00	/Ton \$4,81	0.00	\$4,088.50	
02741 - HMA	Gradtion/Asphalt Content - Section 1.6.D.1	2,405	Ton	\$2.00	/Ton \$4,81	0.00 0.85	\$4,088.50	
	Joint Density - Section 1.6.D.6	2,405	Ton	\$2.00	/Ton \$4,81	0.00 0.85	\$4,088.50	
00744 0144	Asphalt Binder Content & Density - Section 1.6.D.1	0	Ton	\$2.50	/Ton \$	0.00	\$0.00	
02744 - SMA	Gradation - Section 1.6.D.1	0	Ton	\$2.50	/Ton \$	0.00	\$0.00	
02786 - OGSC	Binder Content - Section 1.6.B.2	0	Ton	\$1.00	/Ton \$	0.00	\$0.00	
02760 - OGSC	Gradation - Section 1.6.B.3	0	Ton	\$1.50	/Ton \$	0.00 0.85	\$0.00)
22707 Bandad Wassing Course	Binder Content - Section 1.6.C.3	7,077	/SQ YD	\$0.05	/Sq yd \$35	0.85	\$300.77	7
02787 - Bonded Wearing Course	Gradation - Section 1.6.C.4	7,077	/SQ YD	\$0.06	/Sq yd \$42	0.85	\$360.93	3
Miscellaneous	Community Coordination Incentive	1	Lump	\$0.00	/Lump \$	0.00 1	\$0.00)
						Tota	\$14,727.20	

	Smoothness	Calculations (2017 Specification -	2701 and 02742S)					
		<u> </u>	SSC, BWC, & SMA Incentive					
	Table 1	Length	0.16	miles				
HMA	A, OGSC, BWC, & SMA Incentive	Lanes	3					
Category*	Max Incentive per Pavement Section							
1 and 2	\$500	Incentive	\$2,400					
			PCCP Incentive					
	Table 2	Length	0.16	miles				
ataganı*	PCCP Incentive Max Incentive per Pavement Section	Lanes						
ategory*	\$1,000	Incentive	\$0					
	φ1,000	incentive	\$ 0					
		Definitions						
	*Incentive applied to HMA, PCCP, OGSC, BWC, SMA							
	Category 1 1) Pavement surfaces having two or more	opportunities for improving the ride.+						
	2) Portland cement concrete paving.							
	Category 2 Newly constructed pavement surfaces without two or more opportunities for improving ride.							
	+ Opportunity to improve ride:							
	 Placing Granular Borrow, Untreated Base Course, Tre Stone Matrix Asphalt (SMA), Cold-In-Place Recycling, Ho 		ourse (OGSC), Bonded Wearing C	course (BWC),				
		or in reacon teoryoming, and each int or paving.						
	2) Rotomilling greater than 1.5 inches in depth.	the saids						
	Lane leveling is not considered an opportunity to impro	ove the ride.						
	Pavement Section - Each travel lane or median, 0.1 mile	long.						
		isting.						
	Incentive does not apply to the HMA surfaces on projects	s that include an OGSC, BWC, or SMA place	d over the HMA surface.					
	Apply Incentive to Category 1 and 2 pavements longer th	an 1,000 ft in length, including:						
	1 All traffic lanes							
	2 Ramps							
	3 Medians 8 ft and wider							
	4 Turn lanes5 Bridges and approach slabs with final ridin	a surfaces placed as part of the contract						
	3 bridges and approach slabs with imarriding	ig surfaces placed as part of the contract						
	Do not apply Incentive to:							
	1 Pavements shorter than 1,000 ft							
	2 Shoulders							
	3 Bike Lanes							
	4 Medians narrower than 8 ft							
	Horizontal curves with a centerline curvatu	re radius less than 900 ft and areas within the	e superelevation transitions to the	se short radi				
	curves							
	6 Tapers 7 Surfaces within 15 ft of bridge decks and	anningach elabe not navad as nort of the contri	act					
	/ Surfaces within 15 it of bridge decks and a	approach slabs not paved as part of the contra	dUL					



City Council Staff Report

February 6, 2024

6

REZONE

REQUEST	Request for a zone change from RR (Rural Residential) Zone to the R1-20 (Single Family Residential) Zone.	9
APPLICANT	Noel Vallejo and Bryce Hardee	
ADDRESS	Located east of 820 West and north of 1800 North	
STAFF RECOMMENDATION	Approve the proposed zone change	
ATTACHMENTS	Aerial Map	4
	Zoning Map	5

Background

The applicant is proposing to rezone approximately 3.32 acres of land from the RR (Rural Residential) Zone to the R1-20 (Single-Family Residential) Zone. The subject property is located north of 1800 North and east of 820 West and is vacant. The applicant has requested a zone change to R1-20 Zone so they will be able to meet the zoning requirements if they choose to subdivide their property.

General Plan Designation

Analysis

Intent Statements:

The intent of the current RR Zone is "...to provide areas on the fringes of the corporate area of the city where residential uses may be harmoniously integrated with incidental agricultural pursuits. This zone is intended to allow the keeping of farm animals and fowl in conjunction with single-family dwelling units to an extent consistent with said development, and in proportion to the amount of land area provided for this purpose. It is intended, at the same time, to retain land in parcels large enough to provide efficient and attractive development as urban uses extend in an orderly manner into these areas. The R-R zone is also intended to accommodate residential developments which are oriented to an equestrian lifestyle. This would allow the design of a residential community which could contain noncommercial stables, training areas and equestrian trails as an integral part of the development."

The intent of the proposed R-1 (Single-Family) Zone is "...to provide areas for the encouragement and promotion of an environment for all socioeconomic levels of family life by providing for the

Community Development 86 S 100 E Pleasant Grove, UT 84062 Phone: (801) 785-6057 Fax: (801) 785-5667 www.pgcity.org Author: Jacob Hawkins - City Planner and Daniel Cardenas – Community Development Director

establishment of one-family detached dwellings on individual lots, or single-family dwellings in a planned residential development (PRD) with an open space environment. This zone is characterized by attractively landscaped lots and open spaces with lawns, shrubs and small orchards."

Conformance with Zoning Ordinances:

The applicant is anticipating on eventually subdividing this property into six new lots at a later date, but for now the applicant is requesting to rezone this property in a manner that would meet the zoning requirements and be compatible with the surrounding properties.

The RR Zone permits the keeping of some farm animals, based on the amount of available acreage. For each acre, a property owner may have up to 2 of the following animals: Bovid (cows, goats, sheep, etc.), Equidae (horses, donkeys, etc.), or Sus Scrofa (pigs, hogs, etc.). Alternatively, they may have 25 fowl (chickens, ducks, pigeons, etc.) or 25 rabbits or hares per acre.

The R1-20 Zone removes the animal rights in favor of having slightly smaller lots. Chickens are still permitted, but only at a maximum of 10 chickens on a lot that has at least 18,000 square feet.

Compatibility with surrounding property:

All immediately adjacent properties are zoned RR and have been developed with single-family residences. Some of the properties to the south of 1800 North are zoned R1-15 (Single-Family Residential). Several of the surrounding properties are below the required lot size for the RR zone and are nonconforming; the properties within 500 feet of the subject property range from 0.35 acres to 0.96 acres to 3.16 acres.

Conformance with General Plan:

On the 2022 General Plan Future Land Use Map (page 11), this area is located in the Single-Family Very Low Density area. The general plan states that "these areas are similar in quality to the Rural Residential category, characterized by single-family homes on large lots. Properties here are intended to be a minimum of 1/3-acre in size to accommodate a slightly more compact subdivision layout while still maintaining the semi-rural character of the area." (General Plan, page 13) The proposed zone change is in conformance with the guidelines set forth by the General Plan.

Staff recommends the Planning Commission to forward a positive recommendation of approval for the rezone of the subject property from the RR (Rural Residential) Zone to the R1-20 (Single-Family Residential) Zone.

Recommendation from Planning Commission

Pleasant Grove City Planning Commission took the following action on the described application at their meeting on January 11, 2024.

Community Development 86 S 100 E Pleasant Grove, UT 84062 Phone: (801) 785-6057 Fax: (801) 785-5667 www.pgcity.org Author: Jacob Hawkins - City Planner and Daniel Cardenas - Community Development Director

1. Public Hearing: Rezone – Located east of 820 West and north of 1800 North (North Field Neighborhood)

Public Hearing to consider the request of Noel Vallejo and Bryce Hardee for a zone change from the RR (Rural Residential) Zone to the R1-20 (Single-Family Residential) Zone on 3.32 acres of unplatted land, located east of 820 West and north of 1800 North.

RECOMMEND APPROVAL

Motion: At the Public Hearing, Commissioner Redding moved that the Planning Commission forward a recommendation of APPROVAL to the City Council for the request of Noel Vallejo and Bryce Hardee for the rezoning of approximately 3.32 acres of land located east of 820 West and north of 1800 North from the RR (Rural Residential) Zone to the R1-20 (Single-Family Residential) Zone; and adopting the exhibits, conditions, and findings of the Staff Report.

Commissioner Martineau seconded the motion. The Commissioners unanimously voted "Yes". The motion carried.

Motion by: Commissioner Redding

Seconded by: Commissioner Martineau

AYE VOTES: Chair Phillips and Commissioners Martineau, Redding, Butler, and Fugal

NAY VOTES:

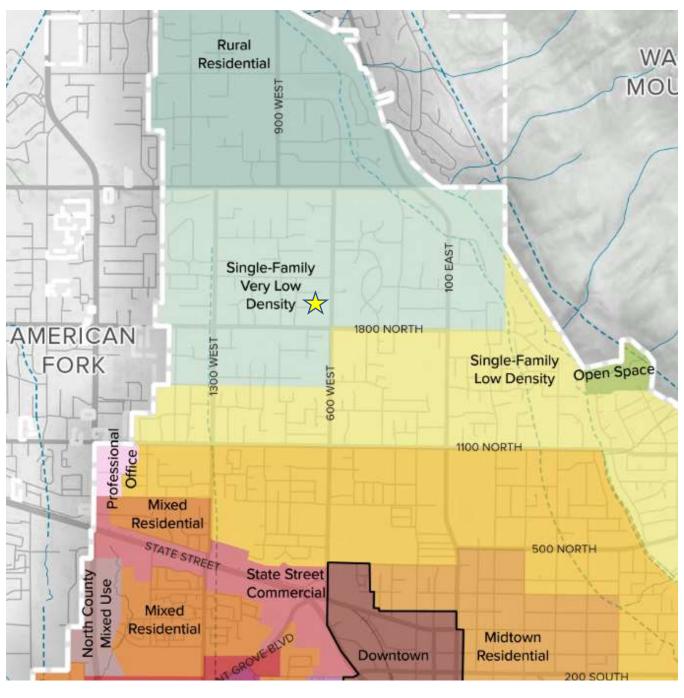
AERIAL MAP



ZONING MAP



GENERAL PLAN FUTURE LAND USE MAP DESIGNATION



= Subject Property

Community Development 86 S 100 E Pleasant Grove, UT 84062 Phone: (801) 785-6057 Fax: (801) 785-5667 www.pgcity.org Author: Jacob Hawkins - City Planner and Daniel Cardenas – Community Development Director

ORDINANCE NO. 2024-3

AN ORDINANCE AMENDING THE OFFICIAL ZONING MAP OF PLEASANT GROVE CITY, REZONING APPROXIMATELY 3.32 ACRES OF PROPERTY LOCATED AT APPROXIMATELY AT THE EAST SIDE OF 820 W AND NORTH OF 1800 N FROM THE R-R (RURAL RESIDENTIAL) ZONE TO THE R1-20 (SINGLE FAMILY RESIDENTIAL) ZONE, NOEL VALLEJO IS THE APPLICANT.

- **WHEREAS**, the existing zone for the property located at approximately the east side of 820 West and north of 1800 North is R-R (Rural Residential) Zone where the minimum required square footage per lot is .5 acre lots; and
- **WHEREAS**, the applicant intends to develop a residential subdivision having minimum lot sizes averaging 20,000 square feet, which is less than the 21,780 square feet as currently required in the R-R Zone; and
- WHEREAS, the General Plan designation of Very Low Density Residential supports the R1-20, Single family Residential zone on the property and the uses are cohesive with the existing as well as with the intended uses for the area; and
- **WHEREAS**, on January 11, 2024 the Pleasant Grove City Planning Commission held a public hearing to consider the re-zone request; and
- WHEREAS, at its public hearing the Planning Commission found that the rezone request was in the public's interest and considered that the application of the R1-20 zone is cohesive with its surroundings and consistent with the written goals and policies of the General Plan; and
- **WHEREAS**, the Pleasant Grove Planning Commission recommended to the Pleasant Grove City Council that the rezone request be approved; and
- **WHEREAS,** on February 6, 2024 the Pleasant Grove City Council held a public hearing to consider the request; and
- **WHEREAS**, at its meeting the Pleasant Grove City Council was satisfied that the rezone request was in the best interest of the public and was consistent with the written goals and policies of the General Plan; and
- **WHEREAS**, at its meeting the Pleasant Grove City Council approved the request to rezone approximately 3.32 acres located at approximately the east side of 820 West and north of 1800 North from the R-R Zone to the R1-20 Zone.

THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF PLEASANT GROVE:

SECTION 1. The approximate 3.32 acres located at approximately the east side of 820 West and north of 1800 North shall be rezoned from the R-R (Rural Residential)

Zone to the R1-20 (Single Family Residential) Zone; said property being described as shown on Exhibit "A".

<u>SECTION 2</u>. The Official Zoning Map showing such changes shall be filed with the Pleasant Grove City Recorder.

SECTION 3. The Pleasant Grove City Council finds that the zone change is in the best interest of the public and is consistent with the written goals and policies of the City's General Plan.

<u>SECTION 4.</u> SEVERABILITY. The sections, paragraphs, sentences, clauses, and phrases of this Ordinance are severable. If any such section, paragraph, sentence, clause, or phrase shall be declared invalid or unconstitutional by the valid judgment or decree of a Court of competent jurisdiction, such invalidity or unconstitutionality shall not affect the validity or constitutionality of any of the remaining sections, paragraphs, sentences, clauses, or phases of this Ordinance.

<u>SECTION 5</u>. This ordinance shall take effect immediately upon its passage and shall be posted or published as required by law.

<u>SECTION 6.</u> APPROVED AND ADOPTED AND MADE EFFECTIVE by the City Council or Pleasant Grove City, State of Utah, on this 6th day of February, 2024.

		Guy L. Fugal, Mayor
ATTEST:		
	(SEAL)	
Wendy Thorpe, City Recorder	` ,	

Exhibit "A"



Motion: Council Me	ember			
Second: Council Me	ember			
ROLL CALL Mayor Guy L. Fugal	Yes	<u>No</u>	Abstain	Absent
Dianna Andersen				
Steve Rogers				
Eric Jensen				
Cyd LeMone				
Todd Williams				
		CATE OF POST	FING ORDINANC y Corporation	EE.
				ertify that a summary of the http://pmn.utah.gov) website
Dated thisd	lay of	<u>,</u> 2024	4.	
Wendy Thorpe, CMC, Ci	ty Recorder			



City Council Staff Report

February 6, 2024

R	O	N	F
П	 v	1 4	_

REQUEST	Request for a zone change from RR (Rural Residential) Zone to the R1-10 (Single Family Residential) Zone.		
APPLICANT	Castlewood Development		
GENERAL PLAN	Single-Family Low Density		
ADDRESS	Approximately 131 West 1800 North		
STAFF RECOMMENDATION	Approve the proposed zone change		
ATTACHMENTS	Aerial Map	4	
	Zoning Map	5	
	General Plan Designation	6	

Background

The applicant is proposing to rezone approximately 4.5 acres of land from the RR (Rural Residential) Zone to the R1-10 (Single-Family Residential) Zone. The subject property is located south of 1800 North and east of 270 West, and is surrounded by single-family residences and a park. This property is currently developed with a church, however the applicant is working on a subdivision for this property that will divide the area where the church is from the area to be rezoned. The applicant has requested a zone change to R1-10 Zone so they will be able to meet the zoning requirements as they complete the subdivision for their property.

Analysis

Intent Statements:

The intent of the current RR Zone is "...to provide areas on the fringes of the corporate area of the city where residential uses may be harmoniously integrated with incidental agricultural pursuits. This zone is intended to allow the keeping of farm animals and fowl in conjunction with single-family dwelling units to an extent consistent with said development, and in proportion to the amount of land area provided for this purpose. It is intended, at the same time, to retain land in parcels large enough to provide efficient and attractive development as urban uses extend in an orderly manner into these areas. The R-R zone is also intended to accommodate residential developments which are oriented to

Community Development 86 S 100 E Pleasant Grove, UT 84062 Phone: (801) 785-6057 Fax: (801) 785-5667 www.pgcity.org Author: Jacob Hawkins - City Planner and Daniel Cardenas – Community Development Director

an equestrian lifestyle. This would allow the design of a residential community which could contain noncommercial stables, training areas and equestrian trails as an integral part of the development."

The intent of the proposed R-1 (Single-Family) Zone is "...to provide areas for the encouragement and promotion of an environment for all socioeconomic levels of family life by providing for the establishment of one-family detached dwellings on individual lots, or single-family dwellings in a planned residential development (PRD) with an open space environment. This zone is characterized by attractively landscaped lots and open spaces with lawns, shrubs and small orchards."

Conformance with Zoning Ordinances:

The applicant is anticipating on eventually subdividing this property into 14 lots: one lot will be for the church, and the remaining 13 lots will surround a cul-de-sac, in a similar manner to the residential properties on the east side of the church. The minimum lot size in the current RR zone is ½ acre (21,780 square feet), and the minimum lot size in the proposed R1-10 zone is 10,000 square feet. Permitted uses in the R1-10 zone include single-family dwellings, accessory apartments, various utility functions, religious activities, and parks.

The RR Zone permits all of the above uses in addition to light agricultural uses such as orchards and vineyards, field and seed crops, and the keeping of some farm animals, based on the amount of available acreage. For each acre, a property owner may have up to 2 of the following animals: Bovid (cows, goats, sheep, etc.), Equidae (horses, donkeys, etc.), or Sus Scrofa (pigs, hogs, etc.). Alternatively, they may have 25 fowl (chickens, ducks, pigeons, etc.) or 25 rabbits or hares per acre. The R1-10 Zone removes the animal rights in favor of having slightly smaller lots. Chickens are still permitted, but only at a maximum of 10 chickens on a lot that has at least 18,000 square feet.

Compatibility with surrounding property:

The properties immediately adjacent to the west are zoned R1-8, the properties to the north are zoned R1-20, and the properties adjacent to the east are zoned R1-10. All properties to the north, east, and west have been developed with single-family residences. The property to the south is zoned RR and is developed with a park.

Conformance with General Plan:

On the 2022 General Plan Future Land Use Map (page 11), this area is located in the Single-Family Low Density area, which includes the R1-15, R1-12, and R1-10 zones. The general plan states that "These areas are intended to serve as a buffer between Medium Density Residential and the Very Low/Rural Residential areas, and should maintain densities of two to four units per acre." (General Plan, page 13) The proposed zone change is in conformance with the guidelines set forth by the General Plan.

Staff recommends the Planning Commission to forward a positive recommendation of approval for the rezone of the subject property from the RR (Rural Residential) Zone to the R1-10 (Single-Family Residential) Zone.

Community Development 86 S 100 E Pleasant Grove, UT 84062 Phone: (801) 785-6057 Fax: (801) 785-5667 www.pgcity.org Author: Jacob Hawkins - City Planner and Daniel Cardenas – Community Development Director

Recommendation from Planning Commission

Pleasant Grove City Planning Commission took the following action on the described application at their meeting on January 25, 2024.

2. Public Hearing: <u>Rezone – Located at approx. 131 West 1800 North</u> (North Field Neighborhood)

Public Hearing to consider the request of Castlewood Development for a zone change from RR (Rural Residential) Zone to the R1-10 (Single-Family Residential) Zone, on approximately 4.5 acres of unplatted land, located at approx. 131 West 1800 North.

RECOMMEND APPROVAL

MOTION: Commissioner Redding moved that the Planning Commission forward a recommendation of APPROVAL to the City Council for the request of Castlewood Development for the rezone of 4.5 acres of land located at approximately 131 West 1800 North from the Rural Residential Zone to the R1-10 (Single-Family Residential Zone); and adopting the exhibits, conditions, and findings of the Staff Report. Commissioner Martineau seconded the motion. The Commissioners unanimously voted "Aye". The motion carried.

Motion by: Commissioner Redding

Seconded by: Commissioner Martineau

AYE VOTES: Chair Patten and Commissioners Butler, Martineau, and Redding

NAY VOTES:

AERIAL MAP

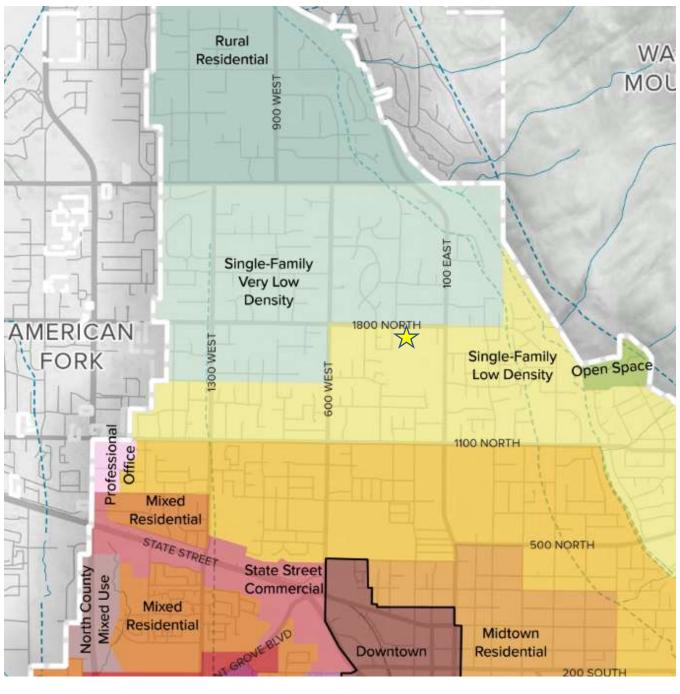


Community Development 86 S 100 E Pleasant Grove, UT 84062 Phone: (801) 785-6057 Fax: (801) 785-5667 www.pgcity.org Author: Jacob Hawkins - City Planner and Daniel Cardenas – Community Development Director

ZONING MAP



GENERAL PLAN FUTURE LAND USE MAP DESIGNATION



= Subject Property

Community Development 86 S 100 E Pleasant Grove, UT 84062 Phone: (801) 785-6057 Fax: (801) 785-5667 www.pgcity.org Author: Jacob Hawkins - City Planner and Daniel Cardenas – Community Development Director

ORDINANCE NO. 2024-4

AN ORDINANCE AMENDING THE OFFICIAL ZONING MAP OF PLEASANT GROVE CITY, REZONING APPROXIMATELY 4.5 ACRES OF PROPERTY LOCATED AT APPROXIMATELY 131 WEST 1800 NORTH FROM THE R-R (RURAL RESIDENTIAL) ZONE TO THE R1-10 (SINGLE FAMILY RESIDENTIAL) ZONE, CASTLEWOOD DEVELOPMENT IS THE APPLICANT.

- **WHEREAS**, the existing zone for the property located at approximately 131 West 1800 North is R-R (Rural Residential) Zone where the minimum required square footage per lot is .5 acre lots; and
- **WHEREAS**, the applicant intends to develop a residential subdivision having minimum lot sizes averaging 10,000 square feet, which is less than the 21,780 square feet as currently required in the R-R Zone; and
- **WHEREAS**, the General Plan designation of Single-Family Low Density supports the R1-10, Single family Residential zone on the property and the uses are cohesive with the existing as well as with the intended uses for the area; and
- **WHEREAS**, on January 25, 2024, the Pleasant Grove City Planning Commission held a public hearing to consider the re-zone request; and
- WHEREAS, at its public hearing the Planning Commission found that the rezone request was in the public's interest and considered that the application of the R1-10 zone is cohesive with its surroundings and consistent with the written goals and policies of the General Plan; and
- **WHEREAS**, the Pleasant Grove Planning Commission recommended to the Pleasant Grove City Council that the rezone request be approved; and
- **WHEREAS**, on February 6, 2024, the Pleasant Grove City Council held a public hearing to consider the request; and
- **WHEREAS**, at its meeting the Pleasant Grove City Council was satisfied that the rezone request was in the best interest of the public and was consistent with the written goals and policies of the General Plan; and
- **WHEREAS**, at its meeting the Pleasant Grove City Council approved the request to rezone approximately 4.5 acres located at approximately 131 West 1800 North from the R-R Zone to the R1-10 Zone.

THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF PLEASANT GROVE:

SECTION 1. The approximate 4.5 acres located at approximately 1820 N 100 E shall be rezoned from the R-R (Rural Residential) Zone to the R1-20 (Single Family Residential) Zone; said property being described as shown on Exhibit "A".

<u>SECTION 2</u>. The Official Zoning Map showing such changes shall be filed with the Pleasant Grove City Recorder.

<u>SECTION 3.</u> The Pleasant Grove City Council finds that the zone change is in the best interest of the public and is consistent with the written goals and policies of the City's General Plan.

<u>SECTION 4.</u> SEVERABILITY. The sections, paragraphs, sentences, clauses, and phrases of this Ordinance are severable. If any such section, paragraph, sentence, clause, or phrase shall be declared invalid or unconstitutional by the valid judgment or decree of a Court of competent jurisdiction, such invalidity or unconstitutionality shall not affect the validity or constitutionality of any of the remaining sections, paragraphs, sentences, clauses, or phases of this Ordinance.

<u>SECTION 5</u>. This ordinance shall take effect immediately upon its passage and shall be posted or published as required by law.

<u>SECTION 6.</u> APPROVED AND ADOPTED AND MADE EFFECTIVE by the City Council or Pleasant Grove City, State of Utah, on this <u>6th</u> day of <u>February</u>, <u>2024</u>.

	Guy L. Fugal, May
ATTEST:	
	(SEAL)

Exhibit "A"



Motion: Council Me	ember			
Second: Council Me	ember			
ROLL CALL Mayor Guy L. Fugal	Yes_	<u>No</u>	Abstain	Absent
Dianna Andersen				
Steve Rogers				
Eric Jensen				
Cyd LeMone				
Todd Williams				
		ICATE OF POST easant Grove City	TING ORDINANC Corporation	Œ
				eertify that a summary of the http://pmn.utah.gov) website
Dated thisd	lay of	, 2024	1.	
Wendy Thorpe, CMC, Ci	ty Recorder			

RESOLUTION NO. 2024-07

A RESOLUTION OF THE GOVERNING BODY OF PLEASANT GROVE CITY AUTHORIZING THE MAYOR TO DECLARE ONE 2014 FORD F-450 WHEELED COACH AMBULANCE AS SURPLUS PROPERTY AND DIRECT THAT IT BE DISPOSED OF ACCORDING TO THE CITY'S POLICY FOR DISPOSING OF SURPLUS PROPERTY

WHEREAS, Pleasant Grove City has one 2014 Ford F-450 Wheeled Coach ambulance 2014 Ford F-450 Wheeled Coach ambulance that they would like to surplus; and

WHEREAS, the City has established a process for selling or disposing of surplus property; and

WHEREAS, the City would like to declare one 2014 Ford F-450 Wheeled Coach ambulance as surplus and direct that they be disposed of according to the City's policy; and

WHEREAS, the City Council finds that it is in the best interests of the City to divest itself of the item(s) and recoup their fair market value for the citizens by selling said surplus property.

NOW THEREFORE, BE IT RESOLVED by the City Council of Pleasant Grove, Utah as follows:

SECTION 1.

The Mayor hereby declares one 2014 Ford F-450 Wheeled Coach ambulance as surplus and directs that they be disposed of according to the City's policy for disposing of surplus property.

SECTION 2.

The provisions of this Resolution shall take effect immediately.

PASSED AND ADOPTED BY THE CITY COUNCIL OF PLEASANT GROVE, UTAH, this 6^{th} day of February 2024.

Guy L. Fugal, Ma	yor

ATTEST:			(SEAL)
Wendy Thorpe, CM	C		
City Recorder			
Motion: Council Men	mber		
Second: Council Mer	nber		_
ROLL CALL Mayor Guy I. Fugal	<u>Yes</u>	<u>No</u>	<u>Absent</u>
Mayor Guy L. Fugal			
Dianna Andersen			
Steve Rogers			
Eric Jensen			
Cyd LeMone			

Todd Williams

RESOLUTION NO. 2024-08

A RESOLUTION OF THE GOVERNING BODY OF PLEASANT GROVE CITY AUTHORIZING THE MAYOR TO SIGN A COOPERATIVE AGREEMENT WITH THE UTAH DEPARTMENT OF TRANSPORTATION (UDOT) PROVIDING FOR THE DEVELOPMENT AND PRESERVATION OF ACCESS POINTS ON A PROPOSED FRONTAGE ROAD IN THE AREA OF I-15 AND OTHER RELATED MATTERS.

WHEREAS, City is a municipality and political subdivision of the State of Utah; and

WHEREAS, the Utah Department of Transportation ("<u>UDOT</u>") is currently designing the project known as S-I15-6(243)274 Pleasant Grove Interchange Corridor Preservation, PIN 17319, project number 77033 (the "<u>Project</u>"), which Project includes a planned northbound frontage road to the south of the Development (the "<u>Frontage Road</u>"); and

WHEREAS, to facilitate development of the Project, the parties desire to preserve two points of access on the future planned northbound frontage road along Interstate 15 (the "<u>Northbound Frontage Road</u>") in the area between the existing Pleasant Grove Boulevard interchange and a future planned interchange at the existing Interstate 15 overpass for Lindon City's 2000 West Street; and

NOW, THEREFORE, BE IT RESOLVED by the Pleasant Grove City Council, Pleasant Grove, Utah as follows:

Section 1.

The Mayor is authorized to enter into and sign a Cooperative Agreement with the Utah Department of Transportation. Said Agreement is attached hereto and incorporated herein as Exhibit "A."

Section 2.

ATTEST:

The provisions of this Resolution shall take effect immediately.

	PASSED	AND ADOP	PTED BY THE	CITY COUNCI	L OF PLEASA	NT GROVE,
UTAH	I, this,	day of	, 2024			
				Guy L. Fug	gal, Mayor	

(SEAL)

Wendy Thorpe, City	Recorder	_		
Motion: Council Mo	ember			
Second: Council Mo	ember			
ROLL CALL Mayor Guy L. Fugal	Yes	<u>No</u>	<u>Abstain</u>	Absen
Dianna Andersen				
Eric Jensen				
Cyd LeMone				
Steve Rogers				
Todd Williams				

COOPERATIVE AGREEMENT

THIS COOPERATIVE A GREEMENT (the "<u>Agreement</u>") is made and entered into on this __day of _____, 20__, by and between the UTAH DEPARTMENT OF TRANSPORTATION ("<u>UDOT</u>"), an agency of the State of Utah, and PLEASANT GROVE CITY, a Utah municipal corporation (the "<u>City</u>").

WITNESSETH:

- A. WHEREAS, UDOT is currently designing the project known as S-I15-6(243)274 Pleasant Grove Interchange Corridor Preservation, PIN 17319, project number 77033 (the "<u>Project</u>").
- B. WHEREAS, to facilitate development of the Project, the parties desire to preserve two points of access on the future planned northbound frontage road along Interstate 15 (the "Northbound Frontage Road") in the area between the existing Pleasant Grove Boulevard interchange and a future planned interchange at the existing Interstate 15 overpass for Lindon City's 2000 West Street.

NOW THEREFORE, it is agreed by and between the parties hereto as follows:

- 1. Certain locations have been identified as proposed authorized access locations along the future Northbound Frontage Road within the City's incorporated boundaries (the "<u>Access Locations</u>"). The Access Locations are depicted on <u>Exhibit A</u>, attached hereto. Legal descriptions for the Access Locations are set forth on <u>Exhibit B</u>, also attached hereto.
- 2. The Access Locations are provided in order to enable UDOT to construct and maintain a public highway as a freeway, as contemplated by Title 72, Chapter 6, Section 117, Utah Code Annotated 1998, as amended. The limited access highway facilities will be comprised of a limited access frontage road adjacent to the existing no-access interstate.
- 3. Within each Access Location, a single point of access will be allowed for connection from the Northbound Frontage Road to a dedicated City street. The City will comply with the requirements of Utah Admin. Code R930-6. Utah Admin. Code R930-6 shall determine the width and the requirements for the access.
- 4. The City shall consider the proposed access locations during the development of any road master plans in this area.
- 5. In the event there are changes in the concepts or provisions covered by this Agreement, a modification to this Agreement approved in writing by all parties hereto is required to place them in effect.

IN WITNESS WHEREOF, the parties hereto has authorized officers as of the day and year first a	ave caused these presents to be executed by their duly bove written.
ATTEST:	PLEASANT GROVE CITY, a Utah municipal corporation
By: Its: Date: (IMPRESS SEAL)	By: Its: Date:
**************************************	**************************************
By: Its: Date:	By: Its: Date:
APPROVED AS TO FORM:	COMPTROLLER OFFICE
This Form Agreement has been previously approved as to form by the office of Legal Counsel for the Utah Department of Transportion.	By: Its: Date:

Each party represents that the signing individual has the authority to enter into this

6. Agreement.

EXHIBIT A

DEPICTION OF ACCESS POINTS

(Attached)

EXHIBIT B

LEGAL DESCRIPTIONS OF ACCESS POINTS

Access A

A parcel of land situate in the Southeast Quarter of Section 30 and the Northeast Quarter of Section 31, Township 5 South, Range 2 East, Salt Lake Base and Meridian. Being more particularly described as follows:

Beginning at a point being North 89°37"44" East 2255.19 feet along the Section line and South 2610.40 feet from the West Quarter Corner of Section 30, Township 5 South, Range 2 East, Salt Lake Base and Meridian, and running;

thence North 52°53'20" West 293.35 feet; thence North 49°35'58" West 106.73 feet to the point of terminus

Access B

A parcel of land situate in the Southeast Quarter of Section 30 and the Northeast Quarter of Section 31, Township 5 South, Range 2 East, Salt Lake Base and Meridian. Being more particularly described as follows:

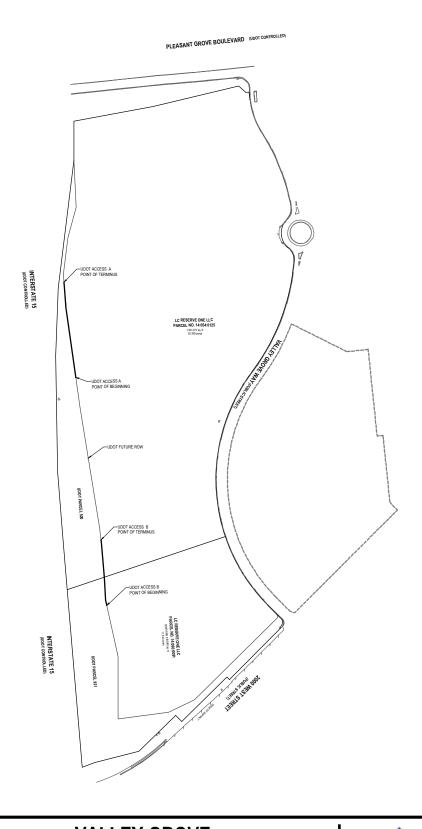
Beginning at a point being North 89°37'44" East 3018.13 feet along the Section line and South 3195.78 feet from the West Quarter Corner of Section 30, Township 5 South, Range 2 East, Salt Lake Base and Meridian, and running;

thence North 57°30'28" West 22.47 feet;

thence North 47°47'21" West 95.92 feet;

thence Northwesterly 156.97 feet along the arc of a 3,260.00 foot radius curve to the left (center bears South 41°22'07" West and the chord bears North 50°00'39" West 156.96 feet with a central angle of 02°45'32") to the point of terminus.

EXHIBIT A





PROJECT NUMBER 11416A PROJECT MANAGER PMH PRINT DATE 2024-01-08

DESIGNED BY SJL VALLEY GROVE UDOT ACCESS 2000 WEST VALLEY GROVE WAY PLEASANT GROVE CITY, UTAH



SANDY 45 W 10000 S, Suite 500 Sandy, UT 84070 Phone: 801.255.0529 WWW.ENSIGNENG.COM

RESOLUTION NO. 2024-09

A RESOLUTION OF THE GOVERNING BODY OF PLEASANT GROVE CITY AUTHORIZING THE MAYOR TO SIGN A COOPERATIVE AGREEMENT WITH LC RESERVE ONE, LLC, VALLEY GROVE EXCHANGE I, LLC, VALLEY GROVE EXCHANGE II, LLC PROVIDING FOR THE DEVELOPMENT AND PRESERVATION OF ACCESS POINTS ON A PROPOSED FRONTAGE ROAD IN THE AREA OF I-15 AND OTHER RELATED MATTERS.

WHEREAS, City is a municipality and political subdivision of the State of Utah classified as a third-class city under <u>Utah Code Ann</u>. § 10-2-301 and located within Utah County, State of Utah; and

WHEREAS, Developer is creating a development within the boundaries of the City known as Valley Grove Phase VI (the "*Development*").

WHEREAS, Developer and City entered into that certain Development Agreement for Valley Grove Project Phases 4 and 6" dated September 11, 2023 and recorded in the official records of the Utah County Recorder on September 19, 2023 as Entry No. 61860:2023 (the "Development Agreement"), which Development Agreement sets forth certain Valley Grove Overlay Design Requirements that depict the concept of access points connecting the Development to surrounding roads; and

WHEREAS, the Utah Department of Transportation ("<u>UDOT</u>") is currently designing the project known as S-I15-6(243)274 Pleasant Grove Interchange Corridor Preservation, PIN 17319, project number 77033 (the "<u>Project</u>"), which Project includes a planned northbound frontage road to the south of the Development (the "<u>Frontage Road</u>"); and

WHEREAS, UDOT and the City entered into that certain "Cooperative Agreement (the "<u>UDOT Agreement</u>")," dated February 6, 2024, which UDOT Agreement provides for two authorized areas of access (the "<u>Access Points</u>") connecting the Development to the Frontage Road. The Access Points are more particularly depicted on <u>Exhibit A</u> and described on *Exhibit B* attached hereto; and

WHEREAS, UDOT will require that the Access Points connect to the Frontage Road with a public road owned by the City (the "City Road Areas"); and

WHEREAS, the Parties hereto agree that it is in their mutual best interests to acknowledge the UDOT Agreement and to cooperate in the preservation of the Access Points.

NOW, THEREFORE, BE IT RESOLVED by the Pleasant Grove City Council, Pleasant Grove, Utah as follows:

Section 1.

The Mayor is authorized to enter into and sign a Cooperative Agreement with Valley Grove Exchange, LLC and the other named entities. Said Agreement is attached hereto and incorporated herein as Exhibit "A."

Section 2.

The provisions of this Resolution shall take effect immediately.

PASSED AND ADOPTED BY THE CITY COUNCIL OF PLEASANT GROVE,

UTAH, this, day	of	, 2024		
			Guy L. Fug	al, Mayor
ATTEST:			(SEAL)	
Wendy Thorpe, City	Recorder	_		
Motion: Council Me	ember			
Second: Council Me	ember			
ROLL CALL Mayor Guy L. Fugal	<u>Yes</u>	<u>No</u>	Abstain	Absent
Dianna Andersen				
Eric Jensen				
Cyd LeMone				
Steve Rogers				
Todd Williams				

WHEN RECORDED, PLEASE RETURN TO:

Pleasant Grove City 70 south 100 East Pleasant Grove, UT 84062

Space above for County Recorder's Use

Tax Parcel I.D. Nos - 14:054:0125, 14:060:0081

COOPERATIVE AGREEMENT

THIS COOPERATIVE AGREEMENT (the "<u>Agreement</u>") is made and entered into on this _____ day of ______, 2024 (the "<u>Effective Date</u>"), by and among LC RESERVE ONE, LLC, VALLEY GROVE EXCHANGE I, LLC, and VALLEY GROVE EXCHANGE II, LLC, each a Maryland limited liability company (together, the "<u>Developer</u>"), and the CITY OF PLEASANT GROVE, a Utah municipal corporation (the "<u>City</u>"). Developer and City are each a "<u>Party</u>" and, collectively, the "<u>Parties</u>" herein.

RECITALS:

- A. WHEREAS, Developer is the owner of certain real property within the City more particularly described in <u>Exhibit "A"</u> attached hereto (the "*Developer Property*").
- B. WHEREAS, Developer is creating a development within the boundaries of the City known as Valley Grove Phase VI (the "*Development*").
- C. WHEREAS, Developer and City entered into that certain Development Agreement for Valley Grove Project Phases 4 and 6" dated September 11, 2023 and recorded in the official records of the Utah County Recorder on September 19, 2023 as Entry No. 61860:2023 (the "*Development Agreement*"), which Development Agreement sets forth certain Valley Grove Overlay Design Requirements that depict the concept of access points connecting the Development to surrounding roads.
- D. WHEREAS, the Utah Department of Transportation ("<u>UDOT</u>") is currently designing the project known as S-I15-6(243)274 Pleasant Grove Interchange Corridor Preservation, PIN 17319, project number 77033 (the "<u>Project</u>"), which Project includes a planned northbound frontage road to the south of the Development (the "<u>Frontage Road</u>").
- E. WHEREAS, UDOT and the City entered into that certain "Cooperative Agreement (the "<u>UDOT Agreement</u>")," dated _______, which UDOT Agreement provides for two authorized areas of access (the "<u>Access Points</u>") connecting the Development to the Frontage Road. The Access Points are more particularly depicted on <u>Exhibit B</u> and described on <u>Exhibit C</u> attached hereto.
- F. WHEREAS, UDOT will require that the Access Points connect to the Frontage Road with a public road owned by the City (the "*City Road Areas*").

G. WHEREAS, the Parties hereto agree that it is in their mutual best interests to acknowledge the UDOT Agreement and to cooperate in the preservation of the Access Points.

AGREEMENT:

NOW, THEREFORE, in consideration of the mutual covenants contained in this Agreement, and other good and valuable condition, the receipt and sufficiency of which are hereby acknowledged, the City and Developer hereby agree as follows:

- 1. Recitals. The above Recitals are incorporated herein by reference.
- 2. <u>Acknowledgement of UDOT Agreement</u>. The Parties hereby acknowledge the UDOT Agreement and agree to cooperate in preservation and development of the Access Points as set forth on the UDOT Agreement.
- 3. Frontage Road Access Points. In conjunction with the Frontage Road Access Points, Developer will dedicate to City two small pieces of property owned by Developer (the "City Road Areas"). Based on the current conceptual site plan, the locations of the City Road Areas are depicted on Exhibit D attached hereto. The exact size of the City Road Areas that will be dedicated is not known at this time, but will be determined in coordination with the Development site plans submitted to the City. The dedication area will include the curb, gutter, and asphalt or concrete roadway improvements for the full width of the proposed Access Points, with an anticipated depth of approximately thirty (30) feet extending from the UDOT right-of-way into the Development.
- 4. <u>Maintenance</u>. The Parties agree that the Developer shall be responsible for the construction of right-of-way improvements on the City Road Areas ("<u>Right-of-way Improvements</u>"), according to plans to be mutually agreed upon between City and Developer. Developer shall also be responsible for the perpetual maintenance of the Right-of-way Improvements, provided that, in the event of sale or transfer of the property now owned by Developer which is directly adjacent to the City Road Areas, and assumption in writing by the buyer or transferee of such obligation of maintenance, Developer's obligation of maintenance of the City Road Areas shall cease.
- 5. <u>Default</u>. In the event of a Party's default, the non-defaulting Party shall provide written notice specifying the default, and the defaulting Party shall thereupon have thirty (30) days to cure such default. The Parties shall have all rights available at law or in equity to enforce this Agreement.
- 6. <u>Notices</u>. All notices, claims, demands, and other communications hereunder shall be in writing and shall be deemed to have been given: (a) when delivered by hand (with written confirmation of receipt); (b) when received by the addressee if sent by a nationally recognized overnight courier (receipt requested); (c) on the date sent by facsimile or email of a PDF document (with confirmation of transmission) if sent during normal business hours of the recipient, and on the next business day if sent after normal business hours of the recipient; or (d) on the third day after the date mailed, by certified or registered mail, return receipt requested, postage prepaid. Such communications must be sent to the respective parties at the following addresses (or at such other address for a party as shall be specified in a notice given in accordance with this Notices section):

<u>If to Developer</u>: LC Reserve One, LLC

Valley Grove Exchange I, LLC Valley Grove Exchange II, LLC c/o St. John Properties, Inc. 2560 Lord Baltimore Drive Baltimore, MD 21244 Attn: Larry Maykrantz Email: lmaydrantz@sjpi.com

With a required copy to:

St. John Properties Utah, LLC

1064 S. North County Boulevard, Suite 190

Pleasant Grove, UT 84062 Attn: Daniel Thomas Email: <u>dthomas@sjpi.com</u>

<u>If to City</u>: City of Pleasant Grove

70 South 100 East

Pleasant Grove, UT 84062 Attn: Scott Darrington

Email: sdarrington@pgcity.org

With a required copy to:

Pleasant Grove City 70 South 100 East

Pleasant Grove, UT 84062 Attn: Christine Petersen Email: cpetersen@pgcity.org

- 7. <u>Entire Agreement</u>. This Agreement constitutes the entire agreement between the Parties hereto relative to the subject matter hereof. Any prior negotiations, correspondence, or understandings relative to the subject matter hereof shall be deemed to be merged in this Agreement and shall be of no further force or effect. This Agreement may not be amended or modified except in writing executed by all of the Parties hereto.
- 8. <u>Further Assurances</u>. Each Party shall use all reasonable best efforts to take, or cause to be taken, all actions, and to do, or cause to be done, and to assist and cooperate with the other Party in doing, all things necessary, proper or advisable to carry out the intent and purposes of this Agreement.
 - 9. Duration. The easements, rights, and privileges created hereby shall continue indefinitely.
- 10. <u>No Other Relationship</u>. This Agreement does not create any obligation or relationship such as a partnership, joint venture or other similar legal relationship under the laws of any state or the federal government.
- 11. <u>No Waiver</u>. A delay in enforcing or a failure to enforce any breach or violation of any restriction herein contained shall not be deemed to be a waiver or abandonment of any such restriction, or a waiver of the right to enforce any subsequent breach or violation of such restriction. The foregoing

shall apply regardless of whether any person affected hereby (or having the right to enforce these restrictions) had knowledge of the breach or violation.

- 12. <u>Severability</u>. If any one or more of the provisions of this Agreement or the applicability of any such provision to a specific situation shall be held invalid or unenforceable by a court of competent jurisdiction, the validity and enforceability of all the provisions of this Agreement and all other applications of such provisions shall not be affected thereby.
- 13. <u>Governing Law</u>. This Agreement shall be construed and enforced in accordance with the laws of the State of Utah.
- 14. <u>Successors</u>. This Agreement shall be binding upon the heirs, successors, and assigns of the Parties.
- 15. <u>Attorney's Fees and Costs.</u> If any person or Party to this Agreement institutes legal proceedings to enforce or interpret the terms of this Agreement, the prevailing Party shall be entitled to recover all litigation expenses, specifically including, but not limited to, reasonable attorneys' fees, expert witness fees, and costs.
- 16. <u>Counterparts; Signatures</u>. This Agreement may be executed in one or more counterparts, each of which shall be deemed an original, but all of which together shall constitute but one and the same instrument. A signed copy of this Agreement delivered by facsimile, email, or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this Agreement. Each Party also agrees that this Agreement and the transactions contemplated hereby may be entered into electronically and that any electronic signature, whether digital or encrypted, used by any Party is intended to authenticate this Agreement and to have the same force and effect as a manual signature. For purposes of this Agreement, an electronic signature means any electronic symbol, designation, or process attached to or logically associated with a record, contract, document, or instrument and adopted by a Party with the intent to sign such record, contract, document, or instrument.

[Remainder of page intentionally left blank. Signatures on following pages.]

CITY'S SIGNATURE AND ACKNOWLEDGEMENT PAGE

IN WITNESS WHEREOF, the City has executed this Agreement as of the Effective Date.

	<u>CITY</u> :
	CITY OF PLEASANT GROVE, UTAH, a municipal corporation under the laws of the State of Utah
	By: Print Name: Title:
Attested by: City Recorder	
City Attorney Approved as to Form	
ACK	NOWLEDGMENT OF CITY
STATE OF UTAH) : ss COUNTY OF)	
2024 1	Agreement was acknowledged before me this day of, the
under the laws of the State of Utah.	the City of Pleasant Grove, Utah, a municipal corporation
	NOTARY PUBLIC

DEVELOPER'S SIGNATURE AND ACKNOWLEDGEMENT PAGE

IN WITNESS WHEREOF, the Developer has executed this Agreement as of the Effective

Date.			
	DEVE	ELOPE	<u> </u>
	LC RESERVE ONE LLC a Maryland limited liability company		
	By: Its:	ST. JOHN PROJECTS, LLC a Delaware limited liability company Manager By: EDWARD ST. JOHN, LLC,	
		Its:	a Delaware limited liability company General Manager
		By: Its:	Edward A. St. John General Manager
STATE OF MARYLAND)):ss COUNTY OF BALTIMORE)			
undersigned Notary Public of said St acknowledged himself to be the gene general manager of St. John Projects.	rate, per eral mar , LLC, proven)	rsonally nager of which of to be t	f Edward St. John, LLC, which entity is the entity is the manager of LC Reserve One, the person whose name is subscribed to the
WITNESS my hand and Nota	arial Se	al:	
		NOTA	ARY PUBLIC
My Commission Expires:			

DEVELOPER:

VALLEY GROVE EXCHANGE I, LLC, a Maryland limited liability company

	By: Its:		PHN PROJECTS, LLC ware limited liability company ger EDWARD ST. JOHN, LLC, a Delaware limited liability company General Manager
		By: Its:	Edward A. St. John General Manager
undersigned Notary Public of said Sta acknowledged himself to be the gene general manager of St. John Projects, Exchange I, LLC, known to me (or sa	ate, pers ral man LLC, v atisfacto and ack	sonally lager of which e orily pro nowled	Edward St. John, LLC, which entity is the
		NOTA	RY PUBLIC
My Commission Expires:			

DEVELOPER:

VALLEY GROVE EXCHANGE II, LLC, a Maryland limited liability company

		ST. JOHN PROJECTS, LLC a Delaware limited liability company Manager	
		By: Its:	EDWARD ST. JOHN, LLC, a Delaware limited liability company General Manager
		By: Its:	Edward A. St. John General Manager
STATE OF MARYLAND)):ss COUNTY OF BALTIMORE)			
undersigned Notary Public of said Stat acknowledged himself to be the general general manager of St. John Projects, I Exchange II, LLC, known to me (or sa	te, pers al man LLC, v tisfact	sonally ager of which e corily pr	Edward St. John, LLC, which entity is the ntity is the manager of Valley Grove
WITNESS my hand and Notari	ial Sea	ıl:	
		NOTA	RY PUBLIC
My Commission Expires:			

EXHIBIT A

LEGAL DESCRIPTION OF DEVELOPER PROPERTY

PARCEL 1:

Tax Parcel Number: 14:054:0125.

A parcel of land situate in the Southeast Quarter of Section 30 and the Northeast Quarter of Section 31, Township 5 South, Range 2 East, Salt Lake Base and Meridian. Being more particularly described as follows:

Beginning at a point on the South line of Valley Grove Way, said point being South 89°37'36" East 2167.32 feet along the Section line and South 2644.54 feet from the East Quarter Corner of Section 30, Township 5 South, Range 2 East, Salt Lake Base and Meridian, and running;

Beginning at a point, said point being the POINT OF BEGINNING;

thence North 88°05'02" East 38.91 feet;

thence North 38°18'48" East 14.08 feet;

thence South 51°36'51" East 32.92 feet to the South line of Valley Grove Way;

thence along the South line of Valley Grove Way the following (7) seven curves;

- (1) Southeasterly 147.44 feet along the arc of a 327.00 feet radius curve to the left (center bears North 38°23'08" East and the chord bears South 64°31'54" East 146.20 feet with a central angle of 25°50'03");
- (2) Southeasterly 331.32 feet along the arc of a 873.00 feet radius curve to the right (center bears South 12°33'07" West and the chord bears South 66°34'32" East 329.33 feet with a central angle of 21°44'41");
- (3) Southeasterly 58.34 feet along the arc of a 60.00 feet radius curve to the right (center bears South 34°17'53" West and the chord bears South 27°50'46" East 56.07 feet with a central angle of 55°42'43");
- (4) Southeasterly 136.50 feet along the arc of a 81.00 feet radius curve to the left (center bears South 89°59'24" East and the chord bears South 48°15'57" East 120.91 feet with a central angle of 96°33'06");
- (5) Easterly 58.34 feet along the arc of a 60.00 feet radius curve to the right (center bears South 06°32'29" East and the chord bears South 68°41'08" East 56.07 feet with a central angle of 55°42'43");
- (6) Southeasterly 502.29 feet along the arc of a 873.00 feet radius curve to the right (center bears South 49°10'18" West and the chord bears South 24°20'44" East 495.39 feet with a central angle of 32°57'57");
- (7) Southeasterly 722.52 feet along the arc of a 742.00 feet radius curve to the left (center bears North 82°08'15" East and the chord bears South 35°45'31" East 694.32 feet with a central angle of 55°47'31");

thence South 26°20'54" West 694.88 feet to the North line of the UDOT I-15 Right of Way. thence along the North line of the UDOT I-15 Right of Way the following (6) six calls.

- (1) North 49°51'46" West 209.22 feet;
- (2) North 49°18'52" West 284.68 feet;
- (3) North 46°03'48" West 482.44 feet;

- (4) North 42°44'49" West 283.10 feet:
- (5) North 37°59'12" West 534.94 feet;
- North 45°10'20" West 162.89 feet to the East line of Pleasant Grove Boulevard: (6) thence North 34°31'31" East 336.67 feet along the East line of Pleasant Grove Boulevard; thence North 31°28'29" East 366.84 feet along the East line of Pleasant Grove Boulevard to the Point of Beginning;

Contains 1,541,577 square feet or 35.390 acres.

PARCEL 2:

Tax Parcel Number: 14:060:0081.

A parcel of land situate in the Southeast Quarter of Section 30 and the Northeast Quarter of Section 31, Township 5 South, Range 2 East, Salt Lake Base and Meridian. Being more particularly described as follows:

Beginning at a point on the South line of Valley Grove Way, said point being South 89°37'36" East 2167.32 feet along the Section line and South 2644.54 feet from the East Quarter Corner of Section 30, Township 5 South, Range 2 East, Salt Lake Base and Meridian, and running;

thence along the South line of Valley Grove Way the following (4) four calls;

- Easterly 339.06 feet along the arc of a 742.00 foot radius curve to the left (center bears (1) North 26°20'44" East and the chord bears South 76°44'43" East 336.12 feet with a central angle of 26°10'53");
- (2) South 89°50'09" East 77.11 feet;
- Southeasterly 39.28 feet along the arc of a 25.00 foot radius curve to the right (center bears (3) South 00°09'24" West and the chord bears South 44°50'09" East 35.36 feet with a central angle of 90°00'54");
- South 89°50'09" East, a distance of 3.88 feet to the West line of 2000 West Street; (4) thence South 00°11'04" East 306.98 feet along the West line of 2000 West Street; thence North 89°31'42" West 14.96 feet;

thence South 00°28'18" West 264.15 feet;

thence North 89°31'42" West 35.54 feet;

thence South 00°52'30" West 214.28 feet;

thence South 30°49'07" West 187.65 feet;

thence South 23°58'51" West 57.33 feet to the North line of the UDOT I-15 Right of Way; thence North 49°51'46" West 741.78 feet along the North line of the UDOT I-15 Right of Way; thence North 26°20'54" East 694.88 feet to the Point of Beginning.

Contains 518,960 square feet or 11.914 acres.

EXHIBIT B

DEPICTION OF ACCESS POINTS

(Attached)

EXHIBIT B

DEPICTION OF ACCESS POINTS

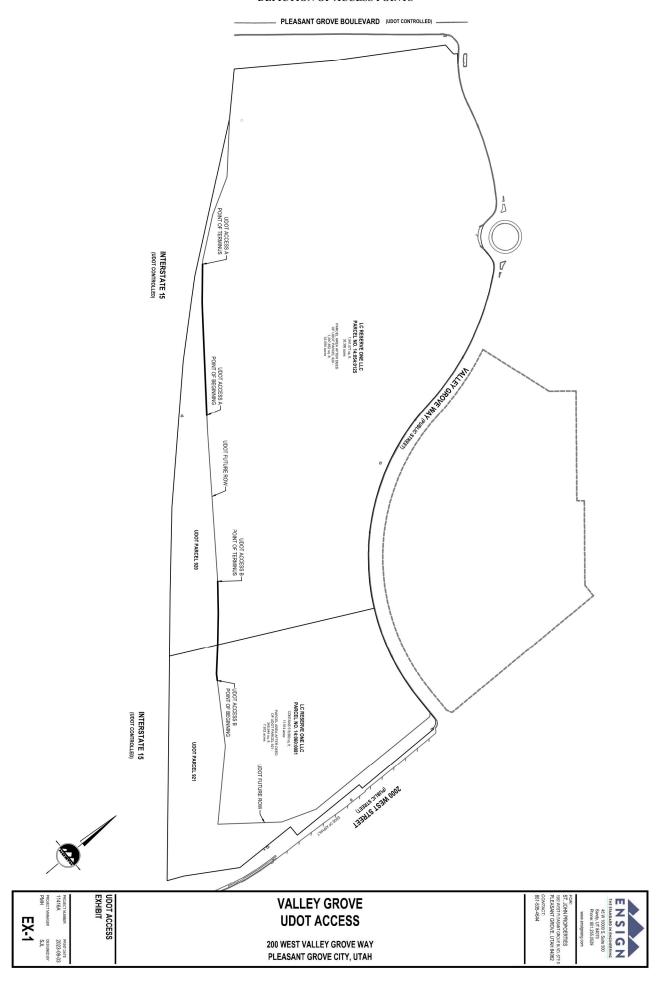


EXHIBIT C

LEGAL DESCRIPTIONS OF ACCESS POINTS

Access A

A parcel of land situate in the Southeast Quarter of Section 30 and the Northeast Quarter of Section 31, Township 5 South, Range 2 East, Salt Lake Base and Meridian. Being more particularly described as follows:

Beginning at a point being North 89°37"44" East 2255.19 feet along the Section line and South 2610.40 feet from the West Quarter Corner of Section 30, Township 5 South, Range 2 East, Salt Lake Base and Meridian, and running;

thence North 52°53'20" West 293.35 feet; thence North 49°35'58" West 106.73 feet to the point of terminus

Access B

A parcel of land situate in the Southeast Quarter of Section 30 and the Northeast Quarter of Section 31, Township 5 South, Range 2 East, Salt Lake Base and Meridian. Being more particularly described as follows:

Beginning at a point being North 89°37'44" East 3018.13 feet along the Section line and South 3195.78 feet from the West Quarter Corner of Section 30, Township 5 South, Range 2 East, Salt Lake Base and Meridian, and running;

thence North 57°30'28" West 22.47 feet; thence North 47°47'21" West 95.92 feet;

thence Northwesterly 156.97 feet along the arc of a 3,260.00 foot radius curve to the left (center bears South $41^{\circ}22'07''$ West and the chord bears North $50^{\circ}00'39''$ West 156.96 feet with a central angle of $02^{\circ}45'32''$) to the point of terminus.

EXHIBIT D

DEPICTION OF CITY ROAD AREAS

(Attached)



CONTRACT CHANGE ORDER

Date: Thursday, January 25, 2024

Project: FY 2022-23 Sewer Rehabilitation Project

Location: Pleasant Grove City

Change Order No.: One

Contractor: Insitufrom Technologies, LLC

You are hereby requested to comply with the following changes from the contract plans and specifications

Item No.	Description of Changes, Quantities, Units, Unit Prices,	Decrease In	Increase In				
	Change in Completion Schedule, etc.	Contract	Contract Price				
		Price					
	Video of extra pipes to consider lining overrun of 2430						
	LF at the sub contractor unit price bid of \$4.09/LF with						
101	Insituform. No mark up		\$ 9,938.70				
102	Project Underruns	\$ 6,912.00					
Change in Contract Price Due To This Change Order							
	Total Increase	-	\$ 9,938.70				
	Total Decrease	\$ 6,912.00	-				
	Net	\$	3,026.70				

The sum of $\frac{3026.70}{100}$ is hereby added to the total contract price and the total adjusted contract price to date thereby is $\frac{312,134.70}{100}$.

The time provided for Substantial completion in the contract has <u>not</u> been changed .

This Document shall become an amendment to the contract & all provisions of the contract will apply hereto.

Accepted BY:	Cric Huss Insituform Technologies, LLC 01			.25.2024	
			Contractor	Date	
Recommended BY:					
			Engineer	Date	
Approved BY:					
		•	Owner	Date	

PARTIAL PAYMENT ESTIMATE NO. 3 Name of Contractor: Insitufrom Technologies, LLC Name of Owner: Pleasant Grove City Date of Completion: Amount of Contract: Dates of Estimate: Original: February 29, 2024 Original: \$309,108.00 From: November 28, 2023 Revised: na \$312,134.70 To: Janruary 25, 2024 Revised: Description of Job: FY 2022-23 Sewer Rehabilitation Project Total To Date This Period Amount Amount Earned \$59,008.20 \$312,134.70 Retainage Held \$2,950.41 \$15,606.74 Retainage Being Released \$15,606.74 \$15,606.74 \$240,470.18 **Previous Payments** Amount Due \$71,664.53 \$71,664.53 This project is complete. I hereby certify that I have carefully inspected the work and as a result of my inspection and to the best of my knowledge and belief, the quantities shown in this estimate are correct and have not been shown on previous estimates and the work has been performed in accordance with the Contract Documents. Recommended by: Pleasant Grove City Engineering 01/25/2024 Date: Accepted by: Insituform Technologies, LLC Eric Huss 01.25.24 Date: Approved by: Pleasant Grove City Mayor Date:

Schedule of Values

PROJECT:	FY 2022-23 Sewer Rehabilitation Project					PAY PERIOD:	1	PAY PERIOD:	2	PAY PERIOD:	3	1/25	5/2024
			со	NTRACT ITE	MS	QUANTITY		QUANT	TTY	QUANTITY		EARNINGS	
ITEM NO.	NATURE OF WORK	Qty	Units	Unit Price	Bid Amt.	This Month	To Date						
	BASE BID A												
1	Mobilization	1	Lump	\$2,705.00	\$2,705.00	0.50	0.50		0.50	0.50	1.00	\$1,352.50	\$2,705.00
2	8" Cipp Liner	4,700	LF	\$52.00	\$244,400.00	3516.75	3516.75	1172.25	4689.00		4689.00	\$0.00	\$243,828.00
3	Reconnection of Sewer Lateral	83	EA	\$137.00	\$11,371.00	43.50	43.50	14.50	58.00	19.00	77.00	\$2,603.00	\$10,549.00
4	Cut Protruding Lateral	7	EA	\$433.00	\$3,031.00		0.00		0.00	4.00	4.00	\$1,732.00	\$1,732.00
5	Mobilization to Cut Protruding Lateral in Pipe w/o CIPP	2	EA	\$2,705.00	\$5,410.00		0.00		0.00	2.00	2.00	\$5,410.00	\$5,410.00
	Lining			\$2,703.00	\$3,410.00		0.00		0.00	2.00	2.00	\$5,410.00	\$5,410.00
6	Top Hat Lateral Repair	5	EA	\$4,219.00	\$21,095.00		0.00		0.00	4.00	4.00	\$16,876.00	\$16,876.00
7	Mobilization for Top Hat Lateral Repair in Pipe w/o CIPP	3	EA	67.022.00	¢21 006 00		0.00		0.00	3.00	2.00	¢31,006,00	¢31 006 00
	Lining			\$7,032.00	\$21,096.00		0.00		0.00	3.00	3.00	\$21,096.00	\$21,096.00

Subtotal \$309,108.00 \$49,069.50 \$302,196.00

	Change Order # 1										
101	Video of extra pipes to consider lining	2,430	LF	\$4.09	\$9,938.70	0.0	0.00	2430.00	2430.00	\$9,938.70	\$9,938.70
102	Project Underruns	1	LS	-\$6,912.00	-\$6,912.00	0.0	0.00	-	-	-	-

 Subtotal
 \$3,026.70

 Total
 \$312,134.70

TOTAL	\$59,008.20	\$312,134.70
AMOUNT RETAINED	\$2,950.41	\$15,606.74
RETAINAGE RELEASED	\$15,606.74	\$15,606.74
PREVIOUS RETAINAGE	-	\$12,656.33
PREVIOUS PAYMENTS	-	\$240,470.18
AMOUNT DUE	\$71,664.53	\$71,664.53

\$9,938.70

\$9,938.70

PARTIAL PAYMENT ESTIMATE NO. 1 Name of Contractor: Rivendell Tree Experts LLC Name of Owner: Pleasant Grove City Amount of Contract: Dates of Estimate: Date of Completion: Original: April 15, 2024 \$36,995.00 From: January 4, 2024 Original: Revised: na Revised: To: January 30, 2024 na 2024 Pavement Preservation Tree Trimming Description of Job: This Period Total To Date Amount Amount Earned \$27,746.25 \$27,746.25 Retainage Held \$1,387.31 \$1,387.31 Retainage Being Released \$0.00 \$0.00 Previous Payments \$0.00 Amount Due \$26,358.94 \$26,358.94 This project is on schedule I hereby certify that I have carefully inspected the work and as a result of my inspection and to the best of my knowledge and belief, the quantities shown in this estimate are correct and have not been shown on previous estimates and the work has been performed in accordance with the Contract Documents. Recommended by: Pleasant Grove City Engineering 1/30/2024 Date: Accepted by: Rivendell Tree Experts Approved by: Pleasant Grove City Mayor Date:

Invoice Date 01/30/2024

Due Date 03/30/2024

Invoice #



Contact Information

Client: Pleasant Grove City (Britton Tveten)

Client Address: 680 North State Street, Lindon Utah 84042

Client Phone: (801) 785-2941 Client Email: btveten@pgcity.org

Job Site Location: 1150 West 2600 North Pleasant Grove Job Site Contact: Pleasant Grove City: Britton Tveten

Invoice Details

DESCRIPTION PRICE

05903-I-1

Pruning - Clearance \$ 27,746.25

All trees on the highlighted streets on the map.

Work covered with this bid shall consist of trimming trees and shrubs over the roadway up to 14 ft high at the top back of curb, or 3 ft behind edge of the existing asphalt.

*A physical map will be given to the main crew leader in charge. They should Mark on the map in real time with a highlighter or marker to indicate what portions have been done.

Notify property owners on big or nicer trees - Work up flier notifying these few homeowners if they are not home.

*Updates in an email to PG city every couple days of work.

TOTAL BID = \$36,995.00 PARTIAL INVOICE = \$ 27,746.25 PER GARY.

> Sum: \$ 27,746.25 Tax: 0%: \$ 0.00

Subtotal: \$ 27,746.25 **Total Payable:** \$ 27,746.25

Thank you for your business!

Terms and Conditions

Workmanship:

All work will be performed in a professional manner by experienced personnel outfitted with the appropriate tools and equipment to complete the job properly. Unless otherwise indicated herein, RTE will remove wood, brush and debris incidental to the work. RTE will follow all ANSI A300, ISA (International Society of Arboriculture), OSHA, and TCIA Standards.

Performance by RTE:

Work crews shall arrive at the job site unannounced unless otherwise noted herein. RTE shall attempt to meet all performance dates, but shall not be liable for damages due to delays from inclement weather or other causes beyond our control.

Photographs:

Owner shall permit RTE, without compensation or consideration to Owner, to take photographs at the project site of both completed work and work in progress, for purposes including, but not limited to, publication in newspapers, magazines, and other print media, use in broadcast media, publication via the Internet, and use in marketing materials used by Contractor. Such photographs and any accompanying descriptions shall not identify Owner or the property address of the project without the express written consent of owner.

Scope of work changes:

If work cannot be finished due to unsafe working conditions we will not charge the cost of what was not finished or we will work out an alternative plan to take care of it as close to the original cost as possible. We will not proceed with costly alternative plans if not agreed upon in advance. Any work added or deducted from the original agreement while on the job site will change the original agreements price. This may require an additional Invoice/Estimate be made or it will simply be added to the final receipt, this decision will be made at the discretion of RTE.

Insurance:

RTE is insured for liability resulting from injury to persons or property, and all its employees are covered by Workers Compensation Insurance. We do not accept liability for sprinkler heads or other hidden obstacles, however, we will work around them to the best of our ability.

Ownership:

The customer warrants that all trees, plant material and property upon which work is to be performed are either owned by him/her or that permission for the work has been obtained from the owner. RTE is to be held harmless from all claims for damages resulting from the customer's failure to obtain such permission.

Worksite Conditions:

All dangerous and hazardous conditions and materials including dog poop must be removed by the property owner prior to the crew arrival. If the worksite is not properly prepared then a cancellation fee will be applied.

Cancellation Fee:

A cancellation charge of \$150 may apply for any cancellation of scheduled work, if canceled less than 24 hours before the scheduled work due to no fault of RTE. This charge covers expended administration work, stationary, fuel, etc.

Terms of Payment:

All accounts under \$10,000 are payable upon completion of work. Projects over \$10,000 will require 50% payment up front, before the work begins. Client may pay with cash, check, credit or debit. Debit and credit transactions over \$5000 will include a 2% processing fee. If not paid within 30 days of completion of work, there will be a 1% interest monthly late fee attached to full amount. Account will be placed in collections after 90 days and any discount given at the time of estimate will be void. Charge backs or collections customer will be assessed a \$100 service charge including, but not limited to, attorney fees.

Schedule of Values

PROJECT: 2024 Pavement Preservation Tree Trimming

PAY PERIOD: 1/30/2024 CONTRACT ITEMS QUANTITY EARNINGS ITEM NO. NATURE OF WORK Units Unit Price This Month This Month Qty Bid Amt. To Date To Date BASE BID A Tree Trimming \$36,995.00 \$36,995.00 \$27,746.25 0.75 0.75 \$27,746.25

> Subtotal \$36,995.00 Total \$36,995.00

TOTAL	\$27,746.25	\$27,746.25
AMOUNT RETAINED	\$1,387.31	\$1,387.31
RETAINAGE RELEASED	\$0.00	\$0.00
PREVIOUS RETAINAGE	-	\$0.00
PREVIOUS PAYMENTS	-	\$0.00
AMOUNT DUE	\$26,358.94	\$26,358.94

\$27,746.25

\$27,746.25

CONTRACT CHANGE ORDER

Date: Tuesday, January 30, 2024

Project: Chlorination System Installation Atwood Well and Gibson Well, Anderson Well and Adams Well

Location: Pleasant Grove City

Change Order No.: One

Contractor: J Lyne Robert & Sons, Inc

You are hereby requested to comply with the following changes from the contract plans and specifications

Item No.	Description of Changes, Quantities, Units, Unit Prices, Change in Completion Schedule, etc.	Decrease In Contract Price	crease In ontract Price	
101	4" Drain Extension on the Attwood Well. See PCO#3		\$ 1,442.41	
102	Gibson Additional Sidewalk in the back of the building at \$16.84 per SF installed. 279 sf assumed. See PCO#1		\$ 4,698.36	
103	Adams Driveway replacement at \$9.86 per SF installed. 355 sf assumed. See PCO#2 (actual cost)		\$ 3,500.30	
104	Adams Driveway demo and prep at \$9.02 per SF. 355 sf assumed. See PCO#2 (actual cost)		\$ 3,202.10	
105	Andesson additional sidewalk at \$9.86 per SF. 52 sf assumed. See PCO#2 (actual cost)		\$ 512.72	
106	PCO#2 Profit and Overhead		\$ 1,272.69	
	Change in Contract Price Due To This C	hange Order		
	Total Increase		\$ 14,628.58	
	Total Decrease	\$ -	-	
	Net	A	14,628.58	

The sum of \$ 14,628.58 contract price to date ther	is hereby added to the total controlled is \$487,298.58	act price and the total adjusted
The time provided for Sub	stantial completion in the contract ha	s <u>not</u> been changed .
	ne an amendment to the contract & a	all provisions of the contract will
apply hereto.	Davie II	1/31/24
Accepted BY:	Contractor	Date
Recommended BY:	Engineer	Date
Approved BY:	Liighteel	
Approved 51.	Owner	Date

PARTIAL PAYMENT ESTIMATE NO. 2									
Name of Contractor: J Lyne Robert & Sons, Inc									
lame of Owner: Pleasant Grove City									
Date of Completion:	Amount of	Contract:	Dates of Estimate:						
Original: May 3, 2024	Original:	\$472,670.00	From: December 12, 2023						
Revised: na	Revised:	\$487,298.58	To: January 30, 2024						
Description of Job:	Well, And	erson Well and Adai	on Atwood Well and Gibson ms Well						
Amount	,	This Period	Total To Date						
Amount Earned	\$	3129,517.86	\$257,073.31						
Retainage Held		\$6,475.89	\$12,853.66						
Retainage Being Released		\$0.00	\$0.00						
Previous Payments		-	\$121,177.69						
Amount Due	9	\$123,041.97							
I hereby certify that I have carefull best of my knowledge and belief, been shown on previous estimates Contract Documents. Recommended by: Pleasant Grove Date:	ly inspected the quantition and the wo	es shown in this estir	nate are correct and have not						
Accepted by: J Lyne Robert & So Date: 1/31/24 Approved by: Pleasant Grove City	-	July H							

Date:__



INVOICE

INVOICE NO: **73122**

8,500.00

DATE: 12/31/2023

To: CITY OF PLEASANT GROVE

70 S 100 E

PLEASANT GROVE, UT 84062

ORIGINAL CONTRACT AMOUNT

JOB NO: <u>123715</u>

Job Name	COOK FAMILY PARK

PAYMENT REQUEST # 3

NET CHANGE BY CHANGE ORDER	\$ 9,696,489.58
ADJUSTED CONTRACT AMOUNT	\$ 9,704,989.58
TOTAL COMPLETED TO DATE	\$ 1,193,355.99
LESS RETENTION	\$ 57,005.20
TOTAL EARNED LESS RETAINAGE	\$ 1,136,350.79
LESS PREVIOUS INVOICES	\$ 807,711.91
AMOUNT DUE THIS REQUEST	\$ 328,638.89

PLEASE REMIT PAYMENT TO: BIG-D CONSTRUCTION

IF THERE ARE ANY QUESTIONS REGARDING THIS INVOICE, PLEASE NOTIFY US AT ONCE.

404 WEST 400 SOUTH SALT LAKE CITY, UTAH 84101

FORM 6BD

APPLICATION AND CERTIF	ICATION FOR PAYMENT	DOCUMENT G702 PAGE 2 OF 3 P.					
TO OWNER: CITY OF PLEASANT GROVE 70 S 100 E PLEASANT GROVE, UT 84062 FROM CONTRACTOR: BIG-D INC. 404 W 400 S SLC, UT 84101	PROJECT: COOK FAMILY PARK 400 N 600 W PLEASANT GROVE, UT 84062 VIA ARCHITECT: HORROCKS 2162 WEST GROVE PARK SUITE 100 PLEASANT GROVE, UT 84062	APPLICATION NO: 3 Distribution to: X OWNER					
CONTRACTOR'S APPLICAT Application is made for payment, as shown below Continuation Sheet, AIA Document G703, is attac	, in connection with the Contract.	The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.					
1. ORIGINAL CONTRACT SUM 2. Net change by Change Orders 3. CONTRACT SUM TO DATE (Line 1 ± 2) 4. TOTAL COMPLETED & STORED TO DATE (Column H on G703) 5. RETAINAGE: a	\$ 8,500.00 \$ 9,696,489.58 \$ 9,704,989.58 \$ 1,193,355.99 \$ 57,005.20 \$	State of: Utah Subscribed and sworn to before me this 18th day of Jan Notary Public: Jami Mascaro My Commission expires: 09/07/2025 ARCHITECT'S CERTIFICATE FOR PAYMENT In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED. 328,638.89 AMOUNT CERTIFIED					
CHANGE ORDER SUMMARY Total changes approved in previous months by Owner Total approved this Month	ADDITIONS DEDUCTIONS	(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.) ARCHITECT: By:					
TOTALS NET CHANGES by Change Order		This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.					
		OWNER'S REP. CERTIFICATE FOR PAYMENT By: Mal Winterton Date: 1/23/2024					

AIA DOCUMENT G702 · APPLICATION AND CERTIFICATION FOR PAYMENT · 1992 EDITION · AIA® · © 1992

THE AMERICAN INSTITUTE OF ARCHITECTS, 1735 NEW YORK AVE., N.W., WASHINGTON, DC 20006-5292

CAUTION: You should use an original AIA document which has this caution printed in red. An original assures that changes will not be obscured as may occur when document is reproduced.

 CONTRACTOR:
 BIG-D INC.
 SCHEDULE of VALUES
 DATE:
 12/31/2023

 PROJECT:
 COOK FAMILY PARK
 PROJECT NO:
 123715
 PAY APP:
 3

A	В		C	D	E	F		G	Н		I	J	K	L
ITEM		% ITEM OF	SCHEDULE OF	CHANGE ORDERS	REVISED	WOR	K COMPLETED	MATERIALS	TOTAL	% TO	BALANCE TO	LESS	AMOUNT	RETENTION
NO.	DESCRIPTION OF WORK	TOTAL	VALUES		SCHEDULE OF	PREVIOUS	PAY REQUEST	STORED	COMPLETED	DATE	FINISH	PREVIOUSLY	DUE THIS	WITHHELD
					VALUES	APPLICATIONS	#3							1
									& STORED			BILLED	REQUEST	5%
0.0	PRECONSTRUCTION	0.55%	8,500.00	44,752.00	53,252.00	8,500.00	44,752.00	-	53,252.00	100.00%	-	8,500.00	44,752.00	-
1.0	GENERAL CONDITIONS	2.86%	-	277,613.00	277,613.00	36,992.86	50,457.11	-	87,449.97	31.50%	190,163.03	35,143.22	47,934.25	4,372.50
12.0	FURNISHINGS	15.46%		1,500,000.00	1,500,000.00	-		-	-	0.00%	1,500,000.00	-	-	-
31.0	EARTHWORK	73.84%	-	7,166,191.90	7,166,191.90	770,562.60	234,737.25	-	1,005,299.85	14.03%	6,160,892.05	732,034.47	223,000.39	50,264.99
				-										
93.0	BUILDERS RISK	0.62%	-	60,223.33	60,223.33	5,273.17	2,132.08	-	7,405.25	12.30%	52,818.08	5,009.51	2,025.48	370.26
93.1	GENERAL LIABILITY INSURANCE	0.79%	-	76,402.73	76,402.73	6,689.85	2,704.87	-	9,394.72	12.30%	67,008.01	6,355.36	2,569.63	469.74
94.1	BONDS	0.49%		47,639.36	47,639.36	-		-	-	0.00%	47,639.36	-	-	-
98.1	CONTRACTOR CONTIGNECY	2.84%		275,184.67	275,184.67			-	,	0.00%	275,184.67	-	-	-
99.0	CM/GM OVERHEAD AND FEE	2.56%	-	248,482.59	248,482.59	21,757.21	8,796.99	-	30,554.20	12.30%	217,928.39	20,669.35	8,357.14	1,527.71
														ĺ
TOTALS		100.00%	8,500.00	9,696,489.58	9,704,989.58	849,775.69	343,580.30	-	1,193,355.99	12.30%	8,511,633.59	807,711.91	328,638.89	57,005.20



CONDITIONAL WAIVER AND RELEASE ON PROGRESS PAYMENT

		(the "Project")
123715		
eipt by Big-D Construction of a check from	CITY OF PLEASANT GROVE	in the sum of \$ 328,638.89 Payable to Big-D
s lien, any state or federal statutory bond right	t, any private bond right, any claim for payme	ent and any rights under any similar ordinance, rule or
("Release Date"), but <u>c</u>	only to the amount paid and does not cover a	•
ion is paid, all of its laborers, subcontractors, n	naterialmen and suppliers for all labor, mate	
nstruction further agrees to indemnify and hold	CITY OF PLEASANT GROVE	harmless from any and all damages, costs,
12/31/2023	-	BIG-D Construction (Company Name) By: Tyur Illun (Signature) JCA (Title)
	eipt by Big-D Construction of a check from ion, and when the check has been properly en so lien, any state or federal statutory bond right lated to claim or payment rights that Big-D Construction warrants payment to Big-D Construction warrants that it either has already payion is paid, all of its laborers, subcontractors, rease Date, and that all services or materials was instruction further agrees to indemnify and hold and legal fees relating to any claim for amount and/or equipment relating to any work perform	eipt by Big-D Construction of a check from CITY OF PLEASANT GROVE ion, and when the check has been properly endorsed and paid by the bank on which it is d's lien, any state or federal statutory bond right, any private bond right, any claim for paymeated to claim or payment rights that Big-D Construction has on the Project to the extent of secovers a progress payment to Big-D Construction for all labor, services, equipment or realization of the extent of the ex

Rev 8/17/2007

COOK FAMILY PARK

INVOICE 3 DETAIL

LINE REF/ INV #	DESCRIPTION	UNITS	RATE	AMOUNT	AMOUNT LESS RET.	TOTAL LESS RET.
00-000000	PRECONSTRUCTION PRECONSTRUCTION SERVICES			44,752.00	44,752.00	
	PRECONSTRUCTIO	N TOTAL			44,752.00	44,752.00
01-011010	PROJECT MANAGER					
11/13/2023 - 12/24/2023	KURT KOBAYASHI	108 HRS	115	12,420.00	11,799.00	
01-011020	PROJECT DIRECTOR					
11/13/2023 - 12/24/2023	BRANDON ECCLES	12 HRS	152	1,824.00	1,732.80	
01-011030	SUPERINTENDENT					
11/13/2023 - 12/24/2023	JARED KELLER	196 HRS	140	27,440.00	26,068.00	
01-011070	PROJECT ENGINEER					
11/13/2023 - 12/24/2023	LOGAN MOLENI	64 HRS	70	4,480.00	4,256.00	
01-011230	PROJECT ADMINSTRATOR					
10/6/2022 - 11/27/2022	Jami Mascaro	32 HRS	55	1,760.00	1,672.00	
01-011320	SAFETY COORDINATOR					
10/23/202311/12/2023	KEN LEMAY	10 HRS	92	920.00	874.00	
01-015136	TEMP WATER					
VISA	KURT KOBAYASHI			78.77	74.83	
01-015180	TEMP POWER					
YARD	BIG-D CONSTRUCTION			603.95	573.75	
01-015200	CONSTRUCTION FACILITIES					
055381857 2	HONEY BUCKET			245.01	232.76	
055387051 1	HONEY BUCKET			170.01	161.51	
01-016120	SOFTWARE					
SOFTWARE	BIG-D CONSTRUCTION			515.37	489.60	
	GENERAL CONDITIO	NS TOTAL			50,457.11	47,934.25
31-310000	EARTHWORK					
SUNROC CORPORATION	123715 12/31 REQ			234,737.25	223,000.39	
3 123715	SUNROC CORPORATION					
	EARTHWORK TO	OTAL			234,737.25	223,000.39
	BUILDERS RISK			2,132.08	2,025.48	2,025.48
	GENERAL LIABILITY INSURANCE			2,704.87	2,569.63	2,569.63
	CONTRACTOR CONTIGENCY			,	-	-
	CM/GC OVERHEAD & FEE			8,796.99	8,357.14	8,357.14
	TOTAL				343,580.30	328,638.89



PAYMENT REQUEST PR3

Cook Family Park

PG, UT

PREVIOUS BILLINGS (INCLUDING RETAINAGE)Bottom	l line G703 Column D 770562.60
SUBTOTAL (THIS MONTH'S WORK)Bottom Line G703 Column	n E 234737.25
LESS RETENTION FOR CURRENT MONTHWritten as a de	ecimal .05 % 11,736.86
NET AMOUNT DUE THIS PAYMENT REQUEST	223,000.39
BIG-D INTERNAL USE ONLY	CERTIFICATE BY SUBCONTRACTOR OR SUPPLIER:
JOB NUMBER 123715 VENDOR NO 30893	
SUBCONTRACTOR Sunroc Corporation	I hereby certify that the work performed and the material supplied to date represent the actual value of accomplishment under the terms of the contract and all authorized changes hereto between the undersigned and Big-D, relating to the above project.
COST CODE 310000 CATEGORY S	further certify that all payments, less any applicable retention, through the period covered by previous payments received from Big-D have been made in full to (1) all
RETAINAGE % .05	my subcontractor (sub-contractors) and (2) for all materials and labor used in or in connection with the performance of this contract. I further certify that I have complied with Federal, State and local tax laws, including Social Security, Unemployment
PAYMENT DUE DATE: 02/15/2024	Compensation, Workman's Compensation and Withholding Tax Laws, insofar as applicable to this contract and that payroll fringe benefits where applicable have beer
JOINT CHECK Y N IF YES - ATTACH PAYEE INFORMATION	paid.
APPROVED BY: Kurt Kolayashi	BY: Dard Muss
APPROVED BY: Kurt Kolayashi DATE: 12/29/2023	DATE: 12/26/2023

TO CONTRACTOR:

BIG-D CONSTRUCTION CORP.

1788 W 200 N LINDON, Utah 84042 PROJECT:

Cook Family Park 400 N 600 W

PLEASANT GROVE, Utah 84062

FROM SUBCONTRACTOR:

SUNROC CORPORATION PO BOX 778 OREM, Utah 84059

SUBCONTRACT FOR: 310000.S

APPLICATION NO: 3 INVOICE NO: PR3

PERIOD: 12/01/23 - 12/31/23

PROJECT NO: 123715

CONTRACT NO: 123715-30893 CONTRACT DATE: 10/04/2023 CERTIFICATE DATE: 12/22/2023

SUBMITTED DATE:

SUBCONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Subcontract. Continuation Sheet is attached.

1. Original Contract Sum \$7,165,426,00 \$765.90 2. Net change by change orders \$7,166,191,90 3. Contract Sum to date (Line 1 ± 2) Total completed and stored to date \$1,005,299.85 (Column G on detail sheet)

5. Retainage:

> a. 5.00% of completed work \$50,265.00 b. 0.00% of stored material \$0.00

Total retainage (Line 5a + 5b or total in column I of detail sheet)

\$50,265.00 Total earned less retainage \$955,034.85 (Line 4 less Line 5 Total)

Less previous certificates for payment (Line 6 from prior certificate)

8. Current payment due: \$223,000.38

9. Balance to finish, including retainage (Line 3 less Line 6)

\$6,211,157.05

\$732,034.47

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner/Client:	\$0.00	\$0.00
Total approved this month:	\$765.90	\$0.00
Totals:	\$765.90	\$0.00
Net change by change orders:	\$765	i.90

The undersigned certifies that to the best of the Subcontractor's knowledge, information and belief, the Work covered by this Application for Payment has been completed in accordance with the Subcontract Documents, that all amounts have been paid by the Subcontractor for Work which previous Certificates for payment were issued and payments received from the Owner/Client, and that current payments shown herein is now due.

SUBCONTRACTOR: SUNROC CORPORATION

By: Oard Chas

12/26/2023 Date:

State of: County of:

Subscribed and sworn to before

me this day of

Notary Public:

My commission expires:

Document SUMMARY SHEET, APPLICATION AND CERTIFICATE FOR PAYMENT, containing

Contractor's signed Certification is attached.

Use Column I on Contracts where variable retainage for line items apply.

APPLICATION NUMBER: 3

APPLICATION DATE: 12/20/2023

PERIOD: 12/01/23 - 12/31/23

Contract Lines

Α		В	С	D	E	F	G		Н	ı
ITEM			SCHEDULED	WORK CO	MPLETED	MATERIALS PRESENTLY	TOTAL COMPLETED	%	BALANCE TO	
NO.	BUDGET CODE	DESCRIPTION OF WORK	VALUE	FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD	STORED (NOT IN D OR E)	AND STORED TO (G / C)		FINISH (C - G)	RETAINAGE
1	31-310000.S EARTHWORK.Subcontrac t	Earthwork	\$2,414,912.00	\$333,662.60	\$180,783.75	\$0.00	\$514,446.35	21.30%	\$1,900,465.65	\$25,722.32
2	31-310000.S EARTHWORK.Subcontrac t	Asphalt	\$1,561,501.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$1,561,501.00	\$0.00
3	31-310000.S EARTHWORK.Subcontrac t	Utilties	\$2,651,163.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$2,651,163.00	\$0.00
4	31-310000.S EARTHWORK.Subcontrac t	SWPPP	\$57,850.00	\$4,900.00	\$5,953.50	\$0.00	\$10,853.50	18.76%	\$46,996.50	\$542.68
5	31-310000.S EARTHWORK.Subcontrac t	Demolition	\$480,000.00	\$432,000.00	\$48,000.00	\$0.00	\$480,000.00	100.00%	\$0.00	\$24,000.00
	•	TOTALS:	\$7,165,426.00	\$770,562.60	\$234,737.25	\$0.00	\$1,005,299.85	14.03%	\$6,160,126.15	\$50,265.00

Change Orders

A	В	С	D	E	F	G		Н	I	
		SCHEDULED	WORK COMPLETED		MATERIALS PRESENTLY	TOTAL COMPLETED	%	BALANCE TO		
ITEM NO.	DESCRIPTION OF WORK	VALUE	FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD	STORED (NOT IN D OR E)	AND STORED TO DATE (D + E + F)	(G / C)	FINISH (C - G)	RETAINAGE	
6	CCO # 001 123715-30893-CCO001-Sunroc									
	31-310000.S 4" Water Shut Off Requested by Owner	\$765.90	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$765.90	\$0.00	
	TOTALS:	\$765.90	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$765.90	\$0.00	

Grand Totals

Α	В С		D	Е	F	G		Н	I
		SCHEDULED	WORK COMPLETED		MATERIALS PRESENTLY	TOTAL COMPLETED	%	BALANCE TO	
ITEM NO. DESCRIPTION OF W	DESCRIPTION OF WORK	VALUE	FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD	STORED (NOT IN D OR E)	AND STORED TO DATE (D + E + F)	(G / C)	FINISH (C - G)	RETAINAGE
	GRAND TOTALS:	\$7,166,191.90	\$770,562.60	\$234,737.25	\$0.00	\$1,005,299.85	14.03%	\$6,160,892.05	\$50,265.00



CONDITIONAL WAIVER AND RELEASE ON PROGRESS PAYMENT

Property Name: Cook Family Park	
Property Location: <u>PG, UT</u>	
Undersigned's Customer: <u>Big-D Construction Corp</u>	
Invoice/Payment Application Number: PR3	
Payment Amount: 223,000.39	
Payment Period: 12/31/23	
To the extent provided below, this document becomes effective any notice of lien or right under Utah Code Ann., Title 14, Coayment rights the undersigned has on the above described in the above referenced Payment Amount payable to the undepository institution on which it is drawn. This waiver and materials, equipment, or a combination of work, materials, Property or to the Undersigned's Customer which are the supply to the extent of the Payment Amount. This waiver and any items, modifications, or changes pending approval; distinvoiced after the Payment Period. The undersigned warrant will use the money the undersigned receives from this prograndersigned's laborers, subcontractors, materialmen, and suppose the combination of work, materials, and equipment that are the	tle 38, Chapter 1a, Preconstruction and Construction Contractors' Bonds, or Section 63G-6a-1103 related to I Property once: (1) the undersigned endorses a check indersigned; and (2) the check is paid by the di release applies to a progress payment for the work, and equipment furnished by the undersigned to the subject of the Invoice or Payment Application, but di release does not apply to any retention withheld; sputed items and claims; or items furnished or ints that the undersigned either has already paid or gress payment promptly to pay in full all the uppliers for all work, materials, equipment, or
Date: 12/26/2023	Sunroc Corporation (Company Name)
	By: Down (Masses) (Signature)
	Project Manager
	(Title)

Schedule of Values

PROJECT:	Chlorination System Installation Atwood Well and Gibson Well, Ande	rson Well		ams Well	or values	PAY PERIOD:	1	PAY PERIOD:	2	1/30/2024	
				NTRACT ITE	MS	QUANTITY		QUAN			IINGS
ITEM NO.	NATURE OF WORK	Qty	Units	Unit Price	Bid Amt.	This Month	To Date	This Month	To Date	This Month	To Date
	BASE BID Schedule A - Attwood Well Chlorination										
1	Mobilization/Demobilization	1	LS	\$14,900.00	\$14,900.00	0.36	0.36	0.21	0.58	\$3,200.00	\$8,575.00
2	Testing Agency Services	1	LS	\$3,990.00	\$3,990.00	0.29	0.29	0.29	0.58	\$1,150.00	\$2,300.00
3	Site Grading	1	LS	\$19,765.00	\$19,765.00	0.51	0.51	0.21	0.72	\$4,100.00	\$14,205.00
5	2' x 2' Precast Box with Grate	1	LS	\$3,700.00	\$3,700.00	1.00	1.00		1.00	\$0.00	\$3,700.00
6	New 12" Diameter PVC Pump- to-Waste Line Relocation New 3/4" HDPE Service Lateral with Connections	1	LS	\$11,663.00 \$6,295.00	\$11,663.00 \$6,295.00	1.00	1.00		1.00	\$0.00 \$0.00	\$11,663.00 \$6,295.00
7	Concrete Flat Work	1	LS	\$8,870.00	\$8,870.00	0.32	0.32	0.68	1.00	\$6,030.00	\$8,870.00
8	Well House Structure Addition for Chlorination Room,	1	LS								
	including New Shingles and Soffit and Facia for entire building.			\$33,500.00	\$33,500.00	0.00	0.00	0.50	0.50	\$16,750.00	\$16,750.00
9	Remove and Replace Louvers in Existing Well House with New Windows	1	LS	\$1,800.00	\$1,800.00	0.00	0.00	0.28	0.28	\$500.00	\$500.00
10	New Chlorination Room Window in Existing Well House Wall	1	LS	\$4,819.00	\$4,819.00	0.00	0.00		0.00	\$0.00	\$0.00
11	New Shingles, Sofit and Facia for Existing Building	1	LS	\$7,831.00	\$7,831.00	0.00	0.00		0.00	\$0.00	\$0.00
	DACE DID Cabadula D. Cilagos Well Chloridation		Subto	al	\$117,133.00			1		\$31,730.00	\$72,858.
1	BASE BID Schedule B- Gibson Well Chlorination Mobilization/Demobilization	1	LS	\$16,937.00	\$16,937.00	0.18	0.18	0.25	0.42	\$4,150.00	\$7,150.00
2	Testing Agency Services	1	LS	\$3,990.00	\$3,990.00	0.00	0.00	0.28	0.28	\$1,125.00	\$1,125.00
3	New 1/2" HDPE Service Lateral with Connections from near Sidewalk to and Into Existing Building	1	LS	\$6,295.00	\$6,295.00	0.00	0.00	1.00	1.00	\$6,295.00	\$6,295.00
4	Concrete Flat Work	1	LS	\$12,115.00	\$12,115.00	0.00	0.00	0.91	0.91	\$11,000.00	\$11,000.00
5	Well House Structure Addition for Chlorination Room	1	LS	\$24,350.00	\$24,350.00	0.00	0.00	0.28	0.28	\$6,800.00	\$6,800.00
- 6	Masonry Block Wall Fence, including Grading on Each Side of Fence 1-1/2" Decorative Rock with	1	LS	\$62,620.00	\$62,620.00	0.00	0.00	0.20	0.20	\$12,375.00	\$12,375.00
7	1-1/2 Decorative rock with Weed Barrier Fabric.			\$4,335.00	\$4,335.00	0.00	0.00		0.00	\$0.00	\$0.00
	australia de la companya de la compa		Subto	al	\$130,642.00					\$41,745.00	\$44,745.
1	BASE BID Schedule C - Anderson Well Chlorination Mobilization/Demobilization	1	LS	\$14,700.00	\$14,700.00	0.20	0.20	0.25	0.45	\$3,650.00	\$6,650.00
2	Testing Agency Services	1	LS	\$3,990.00	\$3,990.00	0.00	0.00	0.29	0.29	\$1,150.00	\$1,150.00
3	Site Grading	1	LS	\$2,400.00	\$2,400.00	0.00	0.00	0.50	0.50	\$1,200.00	\$1,200.00
4	Concrete Encasement Around Existing 6" Pump-to-Waste Pipe and 6" Drain Pipe Under New Building Addition.	1	LS	\$400.00	\$400.00	0.00	0.00	1.00	1.00	\$400.00	\$400.00
5	Remove and Replace Shingles on Existing Building and Siding on Existing Well Access	1	LS	\$6,950.00	\$6,950.00	0.00	0.00		0.00	\$0.00	\$0.00
6	Remove Existing Well Removable Cupola and Replace with New Roof Hatch	1	LS	\$7,230.00	\$7,230.00	0.00	0.00		0.00	\$0.00	\$0.00
7	New 1/2" HDPE Service Lateral with Connections	1	LS	\$6,295.00	\$6,295.00	0.00	0.00	1.00	1.00	\$6,295.00	\$6,295.00
8	Concrete Flat Work, Including Demolition of Existing Sidewalk	1	LS	\$1,500.00	\$1,500.00	0.00	0.00		0.00	\$0.00	\$0.00
9	Well House Structure Addition for Chlorination Room Complete New Chlorination Room Window in Existing Well House Wall	1	LS LS	\$34,675.00 \$1,800.00	\$34,675.00 \$1,800.00	0.00	0.00	0.31	0.31	\$10,677.95 \$0.00	\$10,677.95 \$0.00
11	Remove and Replace Louvers (West Side of Building) in Existing Well House with Structural	1	LS	\$1,800.00	\$1,800.00	0.00	0.00	0.28	0.00		
	Brick Matching Existing Brick		Subto		\$81,740.00		0.00	0.28	0.28	\$500.00 \$23,872.95	\$500.00 \$26,872.
	BASE BID Schedule C - Adams Well Chlorination		Subto	di	\$81,740.00					\$23,872.95	\$20,872.
1	Mobilization/Demobilization	1	LS	\$15,730.00	\$15,730.00	0.49	0.49	0.29	0.78	\$4,550.00	\$12,275.00
2	Testing Agency Services	1	LS	\$4,215.00	\$4,215.00	0.28	0.28	0.72	1.00	\$3,015.00	\$4,215.00
3	Site Grading	1	LS	\$420.00	\$420.00	1.00	1.00		1.00	\$0.00	\$420.00
4	New Masonry Block or Reinforced Concrete Retaining Wall, Including Demolition of Segment of Existing Block Wall, Excavation and Backfill	1	LS	\$36,500.00	\$36,500.00	1.00	1.00		1.00	\$0.00	\$36,500.00
5	Reroute Existing 6" Diameter Cast Iron Water Line with New PVC 6" Water Line	1	LS	\$13,155.00	\$13,155.00	1.00	1.00		1.00	\$0.00	\$13,155.00
6	New 1/2" HDPE Service Lateral with Connections	1	LS	\$6,295.00	\$6,295.00	1.00	1.00		1.00	\$0.00	\$6,295.00
7	Concrete Flat Work, Including Demolition of Existing Sidewalk	1	LS	\$3,675.00	\$3,675.00	0.15	0.15	0.45	0.60	\$1,662.50	\$2,213.75
8	Well House Structure Addition for Chlorination Room	1	LS	\$37,625.00	\$37,625.00	0.21	0.21	0.57	0.78	\$21,500.00	\$29,456.20
9	Remove and Replace Shingles, Facia, Soffit and Siding on Existing Building	1	LS	\$7,830.00	\$7,830.00	0.00	0.00		0.00	\$0.00	\$0.00
10	New Chlorination Room Window in Existing Well House Wall	1	LS	\$1,800.00	\$1,800.00	0.00	0.00		0.00	\$0.00	\$0.00
11	Relocating Existing Drainage Pipe as Required to Accommodate New Retaining Wall	1	LS	\$6,025.00	\$6,025.00	1.00	1.00		1.00	\$0.00	\$6,025.00
12	New 6' Chain Link Fence, Including Demolition of Segment of Existing Chain Link Fence and Relocation of Chain Link Site Access Gate.	1	LS	\$6,025.00	\$6,025.00	0.00	0.00		0.00	\$0.00	\$0.00
13	Site Restoration Including Lawn, Irrigation System, and New 3" Decorative Rock	1	LS	\$3,860.00	\$3,860.00	0.16	0.16		0.16	\$0.00	\$600.00
			Subto		\$143,155.00					\$30,727.50	\$111,154.
		Base	Bid Su	ıbtotal	\$472,670.00)				\$128,075.45	\$255,630
	Change Order # 1										
101	4" Drain Extension on the Attwood Well. See PCO#3	1	LS	\$1,442.41	\$1,442.41		0.0	1.00	1.00	\$1,442.41	\$1,442.41
102	Gibson Additional Sidewalk in the back of the building at \$16.84 per SF installed. 279 sf assumed. See PCO#1	279	SF	\$16.84	\$4,698.36		0.0		0.00	\$0.00	\$0.00
103	Adams Driveway replacement at \$9.86 per SF installed. 355 sf assumed. See PCO#2 (actual cost)	355	SF	\$9.86	\$3,500.30		0.0		0.00	\$0.00	\$0.00
104	Adams Driveway demo and prep at \$9.02 per SF. 355 sf assumed. See PC0#2 (actual cost)	355	SF	\$9.02	\$3,202.10		0.0		0.00	\$0.00	\$0.00
105	Andesson additional sidewalk at \$9.86 per SF. 52 sf assumed. See PCO#2 (actual cost)	52	SF	\$9.86	\$512.72		0.0		0.00	\$0.00	\$0.00
100	PCO#2 Profit and Overhead	Subtotal	LS	\$1,272.69	\$1,272.69 \$14,628.58		0.0		0.00	\$0.00 \$1,442.41	\$0.00 \$1,442.
		Juniolal	Tota	ı	\$14,628.58					91,442.41	Ş1,44Z.
					. ,			тот	AL	\$129,517.86	\$257,073

PLEASANT GROVE CITY CORPORATION

Payment Approval Report - by GL - Unpaid Report dates: 1/25/2024-1/25/2024

Page: 1 Jan 25, 2024 09:48AM

Report Criteria:

Invoices with totals above \$0 included.
Only unpaid invoices included.

	Vendor Name	Invoice Numbe	r Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
BENERAL	L FUND						
0-13100	ACCTS REC CITY EMP	LOYEES					
	RATERNAL ORDER OF	01192024	PD/DUES				
7505 S	KAGGS COMPANIES, IN	V 450A1795941	PD/PERSONAL SUPPLIES	01/19/2024	437.00	.00.	
7505 S	KAGGS COMPANIES, IN	V 450A2003132		10/05/2023	120.00	.00	
0-21245	VISION INSURANCE PAY	VARIE	PD/PERSONAL SUPPLIES	11/10/2023	132,00	.00.	
	UPERIOR VISION SERV		VIOLON INC.				
0-21355	CASH BONDS (NEW)	1 78/920	VISION INSURANCE	01/25/2024	1,817.16	.00,	
	OHNSTON, CLARK SHA	0440000				•	
4302 10	OHNSTON, CLARK SHA	01182024	WARRANTY BOND RELEASE	01/18/2024	6,000.00	.00	
6441 D	OC DEVELOPMENT	01192024	WARRANTY BOND INTEREST	01/18/2024	464,74	.00,	
CAAA D	OC DEVELOPMENT, LL	01212024	WARRANTY BOND INTEREST	01/22/2024	9,974.02		
0411 70	OC DEVELOPMENT, LL	01222024	WARRANTY BOND RELEASE	01/22/2024		.00	
6411 PC	OC DEVELOPMENT, LL	01232024	WARRANTY BOND RELEASE	01/22/2024	74,000.00	.00	
6411 PC	OC DEVELOPMENT, LL	01242024	WARRANTY BOND INTEREST	01/22/2024	52,000,00	.00	
-21370 C	Construction Inspection	Bond		01/22/2024	7,617.79	.00	
6411 PC	OC DEVELOPMENT, LL	01192024	TESTING & INSPECTION BOND INT	04/00/000			
8411 PC	OC DEVELOPMENT, LL	01202024	TESTING & INSPECTION BOND REL	01/22/2024	1,297.55	.00	
8411 PC	OC DEVELOPMENT, LL	01252024	TESTING & INSPECTION BOND REL		14,597,50	.00	
8411 PC	DC DEVELOPMENT, LL	01262024	TESTING & INSCRICTION WORD REL	01/22/2024	11,812.50	.00	
	MER, FAMILY LIFE PAYA		TESTING & INSPECTION INTEREST	01/22/2024	1,166.23	.00	
	I. FAMILY LIFE ASSUR	645937	CHORENGE DECLARA				
	ASHINGTON NATIONAL		SUSPENSE PREMIUM	01/12/2024	255.54	.00	
	ENIOR CITIZEN CLEARI	P2393496	INSURANCE PREMIUM	01/01/2024	309.90	.00	
	DUNTAINLAND ASSOCI					1.20	
	SOM IVINEVIAD VOSCO	01182024	SR. CNTR/CONTRIBUTION	01/18/2024	2,174,00	,00	
Total :				_			
TOUGH .					184,175.93	.00	
N-DEPAF	RTMENTAL			_			
	RINTING AND PUBLICAT	TION					
151 FRI	EEDOM MAILING SER						
43-290 D	PUES & SUBSCRIPTIONS	46902	NEWSLETTERS	01/04/2024	82,69	.00	
160 TEC	CINCI CON MET CON					.00	
13 000 2	CHNOLOGY NET COM	4677	COMPENSATION SURVEY ANNUAL	01/01/2024	800.00	00	
	ROFESSIONAL SERVICE	E8			000.00	.00	
143 MCK	KELL, BEETON & WIN	21PGHANSR	FULL RESIDENTIAL APPRAISAL	01/16/2024	475.00		
	OUTH COURT EXPENSE	S		0111012024	475.00	.00	
033 MAC		374374	YOUTH COURT/CANDY CANES	14/06/2000	444		
3-450 CI	USTOMER SERVICE PRO	DGRAM	The state of the s	11/25/2023	144.00	.00	
71 GUF	RR'S COPYTEC	N64956 I	POSTERS	04/00/			
3-610 Mi	ISCELLANEOUS EXPEN	SE .	0012110	01/03/2024	144.00	.00	
			VTDA INSCRICA A MENA				
	CHNOLOGY	L	EXTRA INSERTS & MENU	01/04/2024	73,50	.00	
	DEDD = 441 144	1164 4	MNUM HOENO-				
		,	NNUAL LICENSE	09/29/2023	4,500.00	.00	
1001	or omandies,	240101 v	VEBSITE RETAINER AGREEMEMT	01/14/2024	583.00	.00	
Total NZ	ON DEDABLES						
IOIAI NC	ON-DEPARTMENTAL:				6,802.19	.00	
	NOTO			_	-,552.10		
AI GED:							
AL SERV	CHNOLOGY						
4-760 TE							
4-760 TE	THEW BENDER & CO 4	10178676 Li	EGAL/UT ADVANCE CODE SERVIC	04/08/2024	050.45	_	
4-760 TE		10178676 Li	EGAL/UT ADVANCE CODE SERVIC	01/08/2024	252,13	.00	
4-760 TE 91 M ATT		10178676 Li	EGAL/UT ADVANCE CODE SERVIC	01/08/2024	252,13 252,13	.00	

Payment Approval Report - by GL - Unpaid Report dates: 1/25/2024-1/25/2024

Page: 2 Jan 25, 2024 09:48AM

							Jan 20, 2024
Vendor	Vendor Name	Invoice Numbe	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
	STRATIVE SERVICES 40 OFFICE EXPENSE				<u> </u>	· ———	
	ODP BUSINESS SOLUTION OF BUSIN		ADM/OFFICE SUPPLIES	01/18/2024	27.21	.00	
	INTERMOUNTAIN WORK 10 Technology	3478362	ADM/SCREENING	01/16/2024	34.00	.00	
4747	LES OLSON COMPANY	1362448	MONTHLY CONTRACTED SERVICE	01/12/2024	1,325.50	.00	
To	tal ADMINISTRATIVE SER\	/ICES:			1,386,71	.00.	
FACILITI							
	D CITY HALL - HEATING E	EXPENSE					
	DOMINION ENERGY	01102024	MULTI DEPT/HEATING EXPENSE	01/10/2024	584.74	.00	
	0 COMMIDEV - BLDG MAI	INTENANCE			351,14	,00	
	CERTIFIED FIRE PROTE	21875	COM DEV/FIRE ALARM	01/19/2024	565,00	00	
3564	GUNTHERS COMFORT A	i 61615	BLDG/BUILDING MAINTENANCE	01/09/2024	233,80	.00	
10-47-58	O OLD BELL SCHOOL - HI	EATING		5 11 00/2024	200.00	.00	
	DOMINION ENERGY	01102024	MULTI DEPT/HEATING EXPENSE	01/10/2024	519.67	.00	
	POLICE - HEATING				2 10101	,00	
	DOMINION ENERGY	01102024	MULTI DEPT/HEATING EXPENSE	01/10/2024	355.21	.00	
	POLICE - POWER				333.21	.00	
	ROCKY MOUNTAIN POW	01182024	PD/ELECTRICITY EXPENSE	01/18/2024	3,021,06	.00	
	POLICE - BLDG MAINT						
	COBBLESTONE GROUP I	69618896	BUILDING MAINTENANCE	01/18/2024	124.70	.00	
	CERTIFIED FIRE PROTE	21663	PD/FIRE ALARM EXPENSE	01/11/2024	1,195.00	.00	
	FIRE/AMBULANCE - HEA	ATING			,		
	DOMINION ENERGY	01102024	MULTI DEPT/HEATING EXPENSE	01/10/2024	3,554.12	.00	
	FIRE/AMBULANCE - BLD						
	BJ PLUMBING SUPPLY	001017871	BUILDING MAINTENANCE	01/04/2024	157.85	.00.	•
	CERTIFIED FIRE PROTE CEMETERY BLDG - HEAT	21889	FIRE ALARM REPAIR	01/19/2024	1,015,00	.00	
	OMINION ENERGY						
	LIBRARY/SENIOR - HEAT	01102024	MULTI DEPT/HEATING EXPENSE	01/10/2024	1,288.60	.00	
	OMINION ENERGY						
	LIBRARY/SENIOR - BLDG	01102024	MULTI DEPT/HEATING EXPENSE	01/10/2024	1,515.52	.00	
	ERTIFIED FIRE PROTE		I be seen as a seen				
	OUNTAIN ALARM FIRE	21888	LIB/FIRE ALARM	01/19/2024	445.00	.00	
	OUNTAIN ALARM FIRE		LIB/FIRE ALARM MONITORING	01/25/2024	210.00	.00,	
	PUMP HOUSE - HEATING	4303036	LIB/ELEVATOR MONITORING	01/25/2024	78.00	.00	
	OMINION ENERGY						
	OMINION ENERGY	01102024	MULTI DEPT/HEATING EXPENSE	01/10/2024	554.49	.00	
	PUBLIC WORKS - HEATIN	01102024	MULTI DEPT/HEATING EXPENSE	01/10/2024	145.57	.00	
	OMINION ENERGY						
	OMINION ENERGY		MULTI DEPT/HEATING EXPENSE	01/10/2024	5,581.67	.00	
	PUBLIC WORKS - BLDG	01102024	MULTI DEPT/HEATING EXPENSE	01/10/2024	41.55	.00	
	OUNTAINLAND SUPPLY		DIM bis of the second				
10-47-790	RENTAL PROPERTY EXP	2102030137	BUILDING MAINTENANCE	01/04/2024	61.03	.00	
	OMINION ENERGY		EALN TO DESCRIPTION OF THE PROPERTY OF THE PRO				
	SR CENTER - HEATING	01102024	MULTI DEPT/HEATING EXPENSE	01/10/2024	360.81	.00	
	OMINION ENERGY	04400004					
	SR CENTER - BLDG MAIN	01102024 j	MULTI DEPT/HEATING EXPENSE	01/10/2024	741.26	.00	
			00.000				
	LIONS CENTER HEATING	21885	SC/FIRE ALARM	01/19/2024	370,00	.00	
		04102024	BUT DEDTAGE AND THE				
	HISTORIC LIBRARY-HEATI	01102024 ING	MULTI DEPT/HEATING EXPENSE	01/10/2024	1,062,55	.00	
			ALII TI OPDITA IPARINA				
		V 1102024	MULTI DEPT/HEATING EXPENSE	01/10/2024	645.24	.00	

	Ρ	LE/	4\$A	TN/	GRO\	Æ	CITY	COR	SPOB	ATION
--	---	-----	------	-----	------	---	------	-----	------	-------

4674 LARRY H MILLER SUPER

4674 LARRY H MILLER SUPER

6278 PLEASANT GROVE BIG O 044250-60417

678109

860837

FIRE/MOUNT AND BALANCE

FIREVEHICLE REPAIR

FIRE/VEHICLE REPAIR

	T GROVE CITY CORPO	MATION	Payment Approval Report - by Report dates: 1/25/2024-1/	GL - Unpaid 25/2024			Jan 25, 202	Page:
Vendor	Vendor Name	Invoice Numbe	er Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid	1 00,707(1)
Total	FACILITIES:				24,427.44	.00		
ENGINEER	ING							
	TRAVEL & TRAINING							
	JRAL WATER ASSOC	O 19424	MULTIDEDTIDE					
10-51-765	SOFTWARE LICENSING	G .5-12-7	MULTI DEPT/REGISTRATION FEES	01/16/2024	940.00	.00		
	ARRIS COMPUTER SY		MULTI DEPT/SOFTWARE MAINTEN	12/20/2023	43,30	.00.		
Total (ENGINEERING:				983,30	.00		
	Y DEVELOPMENT							
	OFFICE EXPENSE							
10-52-480 C	P BUSINESS SOLUTION PEPARTMENTAL SUPP	O 346221531001 LIES	COM DEV/OFFICE SUPPLIES	12/20/2023	114.98	.00		
8730 UP 1 0-52-610 N	PER CASE PRINTING, IISCELLANEOUS	1340	COM DEV/BUSINESS LICENSES	01/08/2024	450,00	.00		
3571 GU	RR'S COPYTEC	64699	COM DEV/FOLDING	11/20/2023	22.79	.00		
Total C	OMMUNITY DEVELOP	MENT:		•	587.77	.00		
OLICE DEF	ARTMENT			_				
	FFICE EXPENSE							
	LIGAN BOTTLED WA	465X23760608	PD/BOTTLED WATER					
	EHICLE EXPENSE	10071207 00000	POBOTILED WATER	12/31/2023	32.35	.00		
3468 GRE	ASE MONKEY #790	296499	PD/VEHICLE MAINTENANCE	04450004				
	EILLY AUTOMOTIVE I	3623-113804	PD/VEHICLE EXPENSE	01/15/2024	90,45	.00		
5833 O'RI	EILLY AUTOMOTIVE !	3623-113960	PD/VEHICLE EXPENSE	01/11/2024 01/12/2024	4.99	.00		
5833 O'RI	EILLY AUTOMOTIVE !	3623-113962	PD/VEHICLE EXPENSE	01/12/2024	89.76	.00		
	IIFORM EXPENSE			01/12/2024	27.00	.00		
7505 SKA	GGS COMPANIES, IN	450A1911161	PD/UNIFORM EXPENSE	10/12/2023	231.75			
7505 SKA	GGS COMPANIES, IN	450A1911162	PD/UNIFORM EXPENSE	10/27/2023	231.75 44,10-	.00		
7505 SKA	GGS COMPANIES, IN	450A1911201	PD/UNIFORM EXPENSE	10/05/2023	3,101.10	.00,		
7505 SKA	GGS COMPANIES, IN	450A1911202	PD/UNIFORM EXPENSE	10/05/2023	99.99	.00 .00		
	GGS COMPANIES, IN	450A1929852	PD/UNIFORM EXPENSE	10/09/2023	4.04	.00		
7505 SKA	GGS COMPANIES, IN GGS COMPANIES, IN		PD/UNIFORM EXPENSE	10/26/2023	95,99	.00		
7505 SKAC			PD/UNIFORM EXPENSE	10/09/2023	343.92	.00		
7505 SKAC		450A1941832	PD/UNIFORM EXPENSE	11/16/2023	42.99	.00		
7505 SKAC	GGS COMPANIES, IN		PD/UNIFORM EXPENSE	10/12/2023	57.49	.00		
7505 SKAC			PD/UNIFORM EXPENSE	12/19/2023	73,00	.00		
7505 SKAC			PD/UNIFORM EXPENSE	10/26/2023	32.96	.00		
7505 SKAG	200 001404111-	_	PD/UNIFORM EXPENSE	11/30/2023	14,99	.00		
54-480 DEF	PARTMENTAL SUPPLIE	ES	PD/UNIFORM EXPENSE	12/19/2023	225.50	,00		
012 FORE	MOIO MUDOULO		PD/DEPARTMENTAL SUPPLIES					
012 FORE	NSIC NURSING SE		PD/DEPARTMENTAL SUPPLIES	01/10/2024	140.00	.00		
655 LANG	UAGE LINE SERVIC	11187135	PD/INTERPRETATION	01/18/2024	205.00	.00		
	ISON REUTERS - W		PD/SOFTWARE SUBSCRIPTION	12/31/2023 01/01/2024	129.90 258.30	.00 .00		
Total POL	ICE DEPARTMENT:				5,257.37			
E DEPARTI	MENT			_	-1401,01	.00		
	ICLE EXPENSE							
	ZONE OFFICERS	3231339194 F	IREVEHICLE MAINTENANCE					
	HAMILER CURED		FELLIOLE WAIN LENANCE	01/16/2024	21.98	nn		

01/13/2024

01/13/2024

01/24/2024

21,98

3,620,96

600.60

119.80

.00

.00

.00

.00

	· · · · · · · · · · · · · · · · · · ·		Toport dates, 1723/2024	1/23/2024	11-		Jan 25, 2024 09:48AM
Vendor	Vendor Name	Invoice Numbe	r Description	Involce Date	Net Invoice Amount	Amount Paid	Date Paid
10-55-2	80 TELEPHONE EXPENSE	<u> </u>				· 	
	VERIZON WIRELESS	9953162367	FIRE/CELL PHONE EXPENSE	01/01/2024	1,037,18	.00	
	00 UNIFORM EXPENSE				.,	100	
	L.N. CURTIS & SONS	764456	FIRE/EQUIPMENT EXPENSE	11/14/2023	249.41	.00	
	BO DEPARTMENTAL SUPP						
	BOUNDTREE MEDICAL, HENRY SCHEIN INC.		FIRE/DEPARTMENTAL SUPPLIES	01/16/2024	106.70	.00	
	HENRY SCHEIN INC.	22658996	FIRE/CREDIT	12/13/2023	33,53-	.00	
	HENRY SCHEIN INC.	65317093 69284210	FIRE/MEDICAL SUPPLIES	12/12/2023	225.40	.00	
	HENRY SCHEIN INC.	69807612	FIRE/DEPARTMENTAL SUPPLIE	01/11/2024	31.56	.00	
	MACEYS	382626	FIRE/DEPARTMENTAL SUPPLIE	01/16/2024	409.34	.00	
	MACEYS	382638	FIRE/DEPARTMENTAL SUPPLIES	12/11/2023	134.69	.00	
	ZOLL MEDICAL CORPOR		FIRE/DEPARTMENTAL SUPPLIES FIRE/MEDICAL EQUIPMENT	01/22/2024	110,91	.00	
	0 MISCELLANEOUS		I WEINEDIONE EQUIPMENT	01/04/2024	384.58	.00	
4225	INTERMOUNTAIN WORK	3479614	FIRE/SCREENING	04/40/0004			
	INTERMOUNTAIN WORK		FIRE/SCREENING	01/16/2024	124.00	,00	
	0 EQUIPMENT		THE SOULERING	01/16/2024	52,00	.00	
7449	SIDDONS MARTIN EMER	962	FIRE/EQUIPMENT	01/12/2024	310.00	.00	
Tot	af FIRE DEPARTMENT:			,	7.606.50		
STREETS	9				7,505,58	.00,	
	VEHICLE EXPENSE						
	AUTO ZONE STORES, IN	£221222074	OTDA/EUROLD ENGRADA				
	AUTO ZONE STORES, IN	6231333074 6231336268	STRACHICLE EXPENSE	01/05/2024	40.18	.00	
	AUTO ZONE STORES, IN	6231340256	STRIVEHICLE EXPENSE	01/11/2024	9.98	.00.	
	BLACK CANYON SIGNS, I		STR/VEHICLE EXPENSE STR/VEHICLE LETTERING	01/18/2024	27.88	.00	
	ELITE REPAIRS AND SPE		STR/VEHICLE REPAIR	01/22/2024	100.00	.00	
	HOLLAND EQUIPT, CO.	28489	STRIVEHICLE EXPENSE	12/19/2023	2,991.50	,00,	
	O'REILLY AUTOMOTIVE I	3623-115443	STR/VEHICLE EXPENSE	01/03/2024	159.08	.00	
	SIDEWALKS		THOSE EXPENSE	01/23/2024	34,98	.00	
6537 F	RONGHORN CONSTRU	2024	STR/700 S 800 W PROJECT	01/10/2024	00 074 40		
10-60-480	DEPARTMENTAL SUPPL	IES	The state of the s	01/10/2024	22,271.48	.00	
974 E	BISCO	1683255	STR/DEPARTMENTAL SUPPLIES	01/10/2024	0.49	20	
974 E	BISCO	1683962	STR/DEPARTMENTAL SUPPLIES	01/17/2024	9.43 29.60	.00	
5033 N	MACEYS	385899	STR/DEPARMENTAL SUPPLIES	12/05/2023	294.00	.00	
	WHEELER MACHINERY C		STR/DEPARTMENTAL SUPPLIES	01/19/2024	294.00 81,50	.00	
	MISCELLANEOUS EXPER	NSE		VII 10/2024	01,50	.00	
4225	NTERMOUNTAIN WORK	3480014	STREET/DRUG SCREEN	01/16/2024	70,00	.00	
Total	ISTREETS:				26,119.61	.00	
R. CITIZE	EN CTR & AUDITORIUM			_			
	MEETINGS & MEMBERSH	iiPS					
	INTAS CORP		SC/FIRST AID SUPPLIES	01/18/2024	317.38	.00	
Total	SR. CITIZEN CTR & AUDIT	FORIUM:		_	317.38		
ARKS				_	017.30	.00	
	VEHICLE EXPENSE						
	UTO ZONE STORES, IN	151480	DARK/DEDARTMENTAL OURS	4010-1			
	DEPARTMENTAL SUPPLIE		PARK/DEPARTMENTAL SUPPLIES	12/06/2023	87.02	.00	
	J PLUMBING SUPPLY		PARK/SNOW SHOVELS	OA MANINES :			
	DE 42 D 4 D 10 - 11 - 11 - 1		PARK/DEPARTMENTAL SUPPLIES	01/10/2024	188,50	.00	
	REAT BASIN TURF PRO	·	PARK/DEPARTMENTAL SUPPLIES	11/27/2023	347.90	,00	
	SAFETY EQUIP. & SUPPLI		SEL / WY WILLIAM SUPPLIES	01/16/2024	347.90	.00	
974 BI	200		PARK/DEPARTMENTAL SUPPLIES	01/12/2024	137.75	.00	

PLEASANT GROVE CITY	Y CORPORATION
---------------------	---------------

Payment Approval Report - by GL - Unpaid Report dates: 1/25/2024-1/25/2024

Page: 5 ΙΑM

			Report dates: 1/25/202	4-1/25/2024			Jan 25, 2024	Page; Ing√as∧i
Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid	09,400
	C-A-L RANCH STORES		PARK/CLOTHING	01/11/2024	148.48			
1305	C-A-L RANCH STORES	14185/8	PARK/CLOTHING	01/18/2024	89.98	.00. 00.		
То	tal PARKS:				1,347.53	.00		
RECREA								
	0 OFFICE EXPENSE							
	MACEYS	348719	REC/ASSORTED SUPPLIES	01/22/2023	20.00			
5729 10-71-48	ODP BUSINESS SOLUT DEPARTMENTAL SUP	TO 346636036001	REC/OFFICE SUPPLIES	12/26/2023	66.35 666,83	.00 .0 0		
8219	TEXTILE TEAM OUTLET	6780	REC/UNIFORMS	4-4		,00		
Tota	al RECREATION:		TIESTOTTI OTTANS	12/06/2023	1,681.75	.00		
				_	2,414.93	.00		
	IAL SERVICES VEHICLE							
	GREASE MONKEY #790	296483	CUSTODIAL/VEHICLE EXPENSE					
Tota	I CUSTODIAL SERVICES		COOLODIAD ACUICLE EXPENSE	01/15/2024	165,29	.00		
) :		_	165.29	.00		
Tota	GENERAL FUND:				261,743.16	.00		
WATER IN	IPACT FEES							
16-70-968	NATHANIEL CANAL TO	TANK						
2735 E	PIC ENGINEERING PC		NATHANIEL WATERLINE	12/20/2023	9 070 40			
Total	:			-	8,279.12			
Total	WATER IMPACT FEES:				8,279.12	.00		
iolai	TWATER IMPACT FEES:			_	8,279.12	.00		
SEWER IM	PACT FEES							
17-90-943 (300 W CENTER ST TO 11	100 N						
	IC ENGINEERING PC	20133365 66	00 W CENTER ST TO 1100 N	12/20/2023	07.448.45			
2/35 EP	IC ENGINEERING PC	20133367 60	DO W CENTER ST TO 1100 N	12/21/2023	37,145,42	.00		
Total:					36,700.00 ——————	.00		
T-4-1 r				_	73,845.42	.00		
	SEWER IMPACT FEES:				73,845.42	.00		
CLASS C RO EXPENDITU								
	RES EPARTMENTAL SUPPLI	ma.						
4542 Kil	GORE COMPANIES LL							
7358 SEA	ARLE TRUCKING, LLC		ASS C ROADS/GRAVEL	01/09/2024	158.55	.00		
0-40-809 1	300 West MAG	011724-1 CL	ASS C ROADS/ROAD SALT	01/17/2024	35,351.16	.00		
	BROOKS ENOWERES	82711 MI.	II TI DEDT ENODIES					
0-40-816 SI	DEWALK CURB & GUTT	ER	ILTI DEPT ENGINEERING	12/28/2023	2,464.49	.00		
	ONGHORN CONSTRU	2019 CE	NTER STREET CURB AND BOX	40/40/000				
		2020 ST	R/MAIN STREET SIDEWALK	12/18/2023	2,572,75	.00		
0-40-820 90 4542 KH C				12/18/2023	11,457,00	.00		
	SORE COMPANIES LL	3-01082024 900	W SURFACE RESTORATION	01/08/2024	12,750.71	.00		
Total EX	(PENDITURES:				64,754.66	.00		

	GROVE CITY CORPO		Report dates: 1/25/2024-1	Payment Approval Report - by GL - Unpaid Report dates: 1/25/2024-1/25/2024			Page: 6 Jan 25, 2024 09:48AM
Vendor	Vendor Name	Invoice Numb	er Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid
BONDS - G	ENERAL						
20-80-300 1							
3970 HC	PRROCKS ENGINEER	RS 82711	MULTI DEPT ENGINEERING	12/28/2023	4,750.30	.00	
Total E	ONDS - GENERAL:				4,750,30	.00	
Total C	LASS C ROAD FUND):					
CEMETERY					69,504.96		
22-70-200 M	OWER EXPENSE						
1003 BO	NNEVILLE EQUIPMEI	N SLC-1029533	CEM/KABOTA	01/16/2024	4.68	.00	
	Pecial Services "Eway Mapping, in	C 169678	CEM/SPATIAL GEN WAB SET	01/17/2024			
Total:				01/1//2024	48.00	.00	
Total C	-METERY.				<u>52.68</u> .	.00	
	EMETERY:				52,68	.00	
LOCAL BLDO EXPENDITUR	AUTH OF P.G. FUND ES)					
12-40-490 TH	E RUTH (HCT) PROJ	ECT					
5184 MET	HOD STUDIO, INC	34288	HALE CENTER THEATER	01/15/2024	40,641.06	.00	
Total EX	PENDITURES:			-	40,641.06	.00	
Total LO	CAL BLDG AUTH OF	P.G. FUND:		-			
TORM DRAI	N UTILITY FUND			_	40,641.06	.00	
ENERAL GO							
B-41-480 DEI	PARTMENTAL SUPPL	.IES					
	RANCH STORES	14160/8	STRM DRN/DEPARTMENTAL SUPPL				
1368 C-A-L	RANCH STORES	16161/8	STRM DRN/DEPARTMENTAL SUPPL	01/10/2024	69,99	.00	
8583 TWIN		25870	STRM DRN/VIDEO INSPECTION	01/10/2024	204.99	.00	
3-41-610 MJS	CELLANEOUS EXPE	NSE	OTTAIN BROWN DEC HON	01/22/2024	1,133.73	.00	
	DOM MAILING SER	46902	UTILITY BILL MAILING	01/04/2024	610,13	00	
	TWARE LICENSING IS COMPUTER SYS	MUNMN00017	MULTI DEPT/SOFTWARE MAINTEN	42/00/2000		.00	
	IERAL GOVERNMEN		THE WASHINGTON	12/20/2023 —	86.61	.00	
				_	2,105.45	.00	
	RM DRAIN UTILITY F	UND:		·	2,105.45	.00	
PITAL PROJ	ECTS FUND						
	REATION 2024						
	N ALL SEASONS I	73077401	REC/SCORE TOWER AT DISCOVER	12/29/2023	3,354.00	80	
60-856 BAT	TAIN ALARM FIRE T LECREEK RESTRO O	4068038	REC/INSTALLATION SERVICES	12/11/2023	1,074.06	.00 . 00 ,	
970 HORR			MULTI DEPT ENGINEERING	12/28/2023	236.12	.00	
	20160 = 110111	82711 N	MULTI DEPT ENGINEERING	12/28/2023	129,058,76		
Total :						.00	
Total CAPI	TAL PROJECTS FUND).			133,722.94	.00	
	10 1014	••			133,722.94	.00	

			Payment Approval Report - by Report dates: 1/25/2024-1	Page: 7 Jan 25, 2024 09:48AM				
Vendor Vend	dor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid	
WATER FUND				 				
EXPENDITURES								
61-40-230 TRAVEL								
7141 RURAL WA		19424	MULTI DEPT/REGISTRATION FEES	01/16/2024	200.00			
51-40-240 OFFICE E				01/10/2024	390.00	.00		
3151 FREEDOM		46902	UTILITY BILL MAILING	01/04/2024	1,220,27			
51-40-250 VEHICLE					1,220,21	.00		
4523 KEN GARFE		683917F	WATER/VEHICLE EXPENSE	11/29/2023	449.58	00		
51-40-285 CELLULA 9131 VERIZON W					440.00	.00		
51-40-340 TESTING		01012024	SEC WATER PUMP HOUSE	01/01/2024	145,12	.00		
3772 HACH COM		40000045				,00		
6938 RICHARDS		13889045	WATER/DEPARTMENTAL SUPPLIES	01/19/2024	408.60	.00,		
51-40-600 REPAIR &	MAINTENANC	43808 =	WATER TESTING	01/22/2024	250,00	.00		
2853 FERGUSON	FNTFRDDIG		110			,		
	- CIVILIVE IVE IVE	1232288	WATER/DEPARTMENTAL SUPPLIES	01/22/2024	109.15	.00		
Total EXPENDIT	URES:							
					2,972.72	.00		
NATER CAPITAL PRO	DJECTS			•	 .			
51-70-943 PRV REPL								
3970 HORROCKS		82711	MULTI DEPT ENGINEERING					
1-70-965 Atwood Ch	lorinator		WOLTI DEFT ENGINEERING	12/28/2023	78.71	.00		
7510 SKM ENGINE	ERING, LLC	26861	WATER/SCADA EXPENSE					
1-70-971 ADAMS CH	LORINATOR	-	THE THOUSANDA EXPENSE	01/12/2024	2,055.75	.00.		
7510 SKM ENGINE	ERING, LLC	26861	WATER/SCADA EXPENSE	04/40/0004	_			
				01/12/2024	2,055.75	.00		
Total WATER CAI	PITAL PROJEC	TS:			4 400 04	· · · · · · · · · · · · · · · · · · ·		
					4,190.21	.00		
Total WATER FUN	ND:				7,162,93			
EWER FUND				_				
XPENDITURES								
2-40-230 TRAVEL & T	FIT A IBUILTO							
7141 RURAL WATE		40.4-						
7141 RURAL WATE		19424	//ULTI DEPT/REGISTRATION FEES	01/16/2024	940.00	.00		
-40-240 OFFICE EXP		19501	SEC WATER/REGISTRATION FEES	01/18/2024	470.00	.00		
3151 FREEDOM MA		4800a .						
-40-300 PPE SAFETY	/ & LINIEO PAR	46902 ι	ITILITY BILL MAILING	01/04/2024	1,220.27	.00		
974 BISCO		16 8 4063 §	CIAICO (DER LA DEL COMO					
-40-350 CHARGES F	OR TREATMEN	1004000 S	EWER/DEPARTMENTAL SUPPLIES	01/18/2024	127.90	.00,		
8422 TIMP. SPECIAL		_	A PTEMATER TRANSPORT					
-40-600 REPAIR & M/		,2002020 V	ASTEWATER TREATMENT	12/31/2023	218,916.26	.00		
1870 CODALE ELEC		3008352282 S	EMEDINEDA PERMENTAL ALLES					
		3	EWER/DEPARTMENTAL SUPPLIES	01/08/2024	611.17	.00		
Total EXPENDITUR	RES:			_				
					222,285.60	.00		
Total SEWER FUNI	D:			_	222,285,60	.00		
CONDARY WATER PENDITURES								
40-600 REPAIR & MA	INTENANOR							
482 MOUNTAINLANI		105019750 5						
40-765 SOFTWARE L	ICENSING	109813789,0 SE	C WATER/DEPARTMENTAL SUPP	01/18/2024	1,504.17	.00		
722 HARRIS COMP	UTER SYS MA	I ININANANA	U.T. DEBRUS					
		омилиототу М(JLTI DEPT/SOFTWARE MAINTEN	12/20/2023	43,30	.00		

1,547.47

00,

Total EXPENDITURES:

PLEASANT GROVE CITY CORPORATION

Payment Approval Report - by GL - Unpaid

			Payment Approval Report Report dates: 1/25/20	~ by GL ~ Unpaid 24-1/25/2024			Page:
Vendor	Vendor Name	Invoice No		Invoice Da	1401	Amount Paid	Jan 25, 2024 09:48,6
CAPITA	L PROJECTS				Invoice Amount		
54-70-94	45 SECONDARY METE	RING					 _
5482 5482	HYDRO VAC EXCAVA MOUNTAINLAND SUPI MOUNTAINLAND SUPI	PLY S10579082 PLY S10579082		SIIPP 01/00/000	4 26,162,95	.00. 00.	
Tot	tal CAPITAL PROJECTS	:				.00	
Tot	al SECONDARY WATER	₹:			180,078.52	.00	
SVVIMMIN					181,625,99	.00	
SWIMMIN	IG POOL						
	HEATING						
	DOMINION ENERGY	044000					
71-73-420	CONTRACTED SERVI	01102024 CES	MULTI DEPT/HEATING EXPENSE	01/10/2024	4 000		
8156 T	CI SECURITY OF UTAH			V 17 10/2024	1,820.03	.00	
		38817	POOL/SECURITY MONITORING	01/20/2023	45.00	.00	
IOZEI	SWIMMING POOL:				1 905 00		
Total	SWIMMING POOL:				1,865.03	.00	
COMMUNI	TY CENTER				1,865.03	.00	
79 74 000 .						_ _	
2486 00	COMMUNITY CTR - HE	ATING					
2-71-062 (OMINION ENERGY COMMUNITY CTR - BLD	01102024	MULTI DEPT/HEATING EXPENSE	01/10/2024			
a.0 B7	PLUMBING SUPPLY	001010000		* 11 10/2024	8,208,10	.00	
2-71-410 F 5033 MA	PROGRAM SUPPLIES &	EQUIPMENT	REC/BUILDING IMPROVEMENTS	01/10/2024	38,46	.00	
	TIONAL BACKGROUN	34653 1353	REC/ASSORTED SUPPLIES	01/17/2024	P.O. 4.4		
6677 QU	ICK SCORES LLC	240022	REC/BACKGROUND CHECK	01/03/2024	55.23	.00	
7034 RO	CK THE MIC ENTERTA	2963	REC/LEAGUE SOFTWARE SYSTEM	01/08/2024	153.00	.00	
8219 TEX	TILE TEAM OUTLET	2903 6777	REC/DJ SERVICES	01/05/2024	1,064.00	.00	
8219 TEX	TILE TEAM OUTLET		REC/ SHIRTS	12/05/2023	300.00	.00	
-71-420 C	ONTRACTED SERVICE	6778 B	REC/JR JAZZ T SHIRTS	12/05/2023	459,50	.00	
1522 CER	RTIFIED ALARM SERVI	22041			597.50	.00	
1522 CER	RTIFIED ALARM SERVI	22055	MONITORING SERVICES	01/10/2024	22.00		
1542 KILG	ORE COMPANIES !	SIV0364982	MONITORING SERVICES	01/10/2024	33,00	.00	
7420 SHIE	LD-SAFETY, LLC	0212803816	REC/LES MILLS BASIC	01/09/2024	38.00	.00	
3156 TCI S	SECURITY OF UTAH	38817	REC/FIRST AID SUPPLIES	01/15/2024	617.00	.00	
		30017	REC/ALARM MONITORING	01/20/2023	389.13 75.00	.00 .0 0	
Total :				_			
Total CO	MMUNITY CENTER:				12,027,92	.00	
TURAL AR	RTS				12,027.92	.00	
GRAM EX	PENDITURES						
1-552 PG	PLAYERS						
63 EVER	ETT, VANCE L. (01222024	PG PLAYERS/REIMB. FOR EXPENS	01/22/2024	9 267 05		
Total PRO	GRAM EXPENDITURES				3,367.05	.00. 	
Total CUL	TURAL ARTS:				3,367.05	.00	
Grand Tota					3,367.05	.00	
				1,	018,229,31		
				==	=======================================	.00 =====	

PLEASANT G	ROVE CITY CORPO	PRATION	Payment Approval Report - Report dates: 1/25/202	by GL - Unpaid 4-1/25/2024				Page: (
Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Jan 25, 2024 Date Paid	09:48AM
Dated:					IIIVOICE AITIOUTE			
Mayor;								
_								
_								
_								
_								
_								
City Recorder:		1) 1	,				
City Finance Dir	ector:	MR K	2 126	lzy				
Report Criteria:								
Invoices with Only unpaid i	totals above \$0 inclu invoices included.	ded.						

Payment Approval Report - by GL - Unpaid Report dates: 1/30/2024-1/30/2024

Page: 1 Jan 30, 2024 12:59PM

Report Criteria:

Involces with totals above \$0 included.
Only unpaid invoices included.

Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Pald
GENERA	AL FUND						
ADMINIS	TRATIVE SERVICES						
	5 CELLULAR SERVICES						
	VERIZON WIRELESS	9953135103	MULTI DEPT/CELL PHONE EXEPNS	01/01/2024	40.01	.00	
To	el ADMINISTRATIVE SER	VICES:			40.01	.00.	
FACILITI	E8						
10-47-51	CITY HALL - HEATING	EXPENSE					
2465	DOMINION ENERGY	01112024	MULTI DEPT/HEATING EXPENSE	01/10/2024	318.01	.00	
10-47-50	O OLD BELL SCHOOL - H	IEATING		0171072021	070.01	.00	
2465	DOMINION ENERGY	01112024	MULIT DEPT/HEATING EXPENSE	01/10/2024	280.54	.00	
10-47-60	POLICE - HEATING			O II TOIL DE	200.04	.00	
	DOMINION ENERGY	01112024	MULIT DEPT/HEATING EXPENSE	01/10/2024	192.69	00	
	FIRE/AMBULANCE - HE		THE PROPERTY OF THE PARTY OF TH	01/10/2024	192.08	.00.	
	DOMINION ENERGY	01112024	MULIT DEPT/HEATING EXPENSE	01/10/2024	1,675,23	00	
	CEMETERY BLDG - HE			0 17 10/2024	1,010.23	.00	
	DOMINION ENERGY	01112024	MULIT DEPT/HEATING EXPENSE	01/10/2024	694.96	00	
	LIBRARY/SENIOR - HE			U 11 10/2024	094,90	,00	
	DOMINION ENERGY	01112024	MULIT DEPT/HEATING EXPENSE	01/10/2024	000 00	00	
	PUMP HOUSE - HEATIN		MOEN DEFINICATING EXPENSE	01/10/2024	820,32	.00	
	DOMINION ENERGY	01112024	MULIT DEPT/HEATING EXPENSE	04/40/2004	200.00		
	DOMINION ENERGY	01112024	MULIT DEPT/HEATING EXPENSE	01/10/2024	263.86	.00	
	DOMINION ENERGY D PUBLIC WORKS - HEAT		MOLII DEFIMEATING EXPENSE	01/10/2024	145.57	.00	
	DOMINION ENERGY		MIII IT DEBT/LIEATING EVERYOR	041461000	B 844.6=		
	DOMINION ENERGY	01112024	MULIT DEPT/HEATING EXPENSE	01/10/2024	3,244.25	.00	
	DOMINION ENERGY RENTAL PROPERTY EX	01112024	MULIT DEPT/HEATING EXPENSE	01/10/2024	20.68	.00	
	DOMINION ENERGY		MUUTI DEDTRIEATING EVERNO-	04/40*:		_	
		01112024	MULTI DEPT/HEATING EXPENSE	01/10/2024	144.31	.00	
	SR CENTER - HEATING		BALL IT DEDTA IFATIVE TV-				
	DOMINION ENERGY	01112024	MULIT DEPT/HEATING EXPENSE	01/10/2024	394.60	.00	
	I LIONS CENTER HEATIN		MILIT DEDTILE STRICK POST-11-	A444 =			
	DOMINION ENERGY	01112024	MULIT DEPT/HEATING EXPENSE	01/10/2024	536.88	.00	
) HISTORIC LIBRARY-HE. DOMINION ENERGY	ATING 01112024	MULIT DEPT/HEATING EXPENSE	01/10/2024	276.64	.00	
		· · · · · · · · ·		01, 10,2024	270.04		
Tota	al FACILITIES:				9,006.54	.00.	
COMMUN	ITY DEVELOPMENT						
	CELLULAR SERVICES						
	/ERIZON WIRELESS	9953135103	MULTI DEPT/CELL PHONE EXEPNS	01/01/2024	175.36	.00	
	/ERIZON WIRELESS	9953135103	MULTI DEPT/CELL PHONE EXEPNS	01/01/2024	80,02	.00	
,			HAGE I HORE EXCLINO	0 110 112024			
Tota	I COMMUNITY DEVELOP	MENT:			255,38	00	
יייי וייי	EPARTMENT						
	CELLULAR SERVICES	0050405400	MULTI DESTROEL STATE STATE				
8131 Y	/ERIZON WIRELESS	9953135103	MULTI DEPT/CELL PHONE EXEPNS	01/01/2024	3,064.18	.00	
Tota	I POLICE DEPARTMENT:				3,064.18	.00	
.IBRARY							
	CELLULAR SERVICES						
	/ERIZON WIRELESS	9953135103	MITTI DEDTICELL BHONE EVENIO	04/04/0004	40.55		
9131 1	LINEVIA MIKETEOO	3000 100 103	MULTI DEPT/CELL PHONE EXEPNS	01/01/2024	42.59	.00	

PLEASANT	GROVE CITY CORPO	DRATION	Payment Approval Report Report dates: 1/30/20			
Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net	Amount Paid

Total LIBRARY:

Total PARKS;

LEISURE SERVIVES

CUSTODIAL SERVICES 10-74-285 CELLULAR SERVICES 9131 VERIZON WIRELESS

WATER FUND **EXPENDITURES**

10-70-285 CELLULAR SERVICES 9131 VERIZON WIRELESS

10-72-285 CELLULAR SERVICES

9131 VERIZON WIRELESS

Total LEISURE SERVIVES:

Total CUSTODIAL SERVICES:

Total GENERAL FUND:

51-40-600 REPAIR & MAINTENANCE

Total EXPENDITURES:

Total WATER FUND:

7075 ROCKY MOUNTAIN VALV 1654

9953135103

9953135103

9953135103

PARKS

Page: 2 Jan 30, 2024 12:59PM Date Paid invoice Amount 42.59 .00 MULTI DEPT/CELL PHONE EXEPNS 01/01/2024 .00 511.08 511.08 .00 MULTI DEPT/CELL PHONE EXEPNS 01/01/2024 .00 42.59 .00 MULTI DEPT/CELL PHONE EXEPNS 01/01/2024 42.59 .00 42,59 ,DO 13,004.96 .00 .00 WATER/VALVES 11/27/2023 2,122.00 2,122.00 .00 2,122.00 .00

SWIMMING POOL SWIMMING POOL 71-73-380 HEATING	04440004	,	04140/0204	000 70	00
2465 DOMINION ENERGY	01112024	MULIT DEPT/HEATING EXPENSE	01/10/2024	969.78	.00
Total SWIMMING POOL:			_	969.78	
Total SWIMMING POOL:			_	969.78	.00
COMMUNITY CENTER					
72-71-080 COMMUNITY CTR - HEAT	ring				
2465 DOMINION ENERGY	01112024	MULIT DEPT/HEATING EXPENSE	01/10/2024	4,485.11	.00
72-71-420 CONTRACTED SERVICE	S				
4740 LES MILLS UNITED STAT	SIV0364982	REC/LES MILLS BASIC	01/09/2024	617.00	,00
Total:			— ←	5,102.11	.00
Total COMMUNITY CENTER:				5,102.11	.00
Grand Totals:			-	21,198.85	.00

PLEASANT G	ROVE CITY CORPOR	ATION	Payment Approval Report - by GL - Unpaid Report dates: 1/30/2024-1/30/2024				Jan 30, 2024	Page: 3 12:59PM
Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Net Invoice Amount	Amount Paid	Date Paid	
Dated:	<u> </u>							
Mayor:							•	
City Council:								
in the state of th		,, <u>, , , , , , , , , , , , , , , , , , </u>						
•	-							
-	(1							
City Recorder:			2 1/2 x	1211				
City Finance I	Director:	MRO R		109	7.0			
Report Criteria:	ith totals above \$0 inc	luded.						

Only unpaid invoices included.