Appendix H

Chacon Farms Trip Generation Analysis, City of San Jacinto

TJW Engineering

September 17, 2024

With

Chacon Farms Draft Transportation Impact Study

Psomas

March 2024

TJW ENGINEERING, INC.
TRAFFIC ENGINEERING &
TRANSPORTATION PLANNING
CONSULTANTS

September 17, 2024

Richard Michael
RAMONA DAIRY, LLC
2451 Ramona Expressway
San Jacinto, CA 92582

SUBJECT: Chacon Farms Trip Generation Analysis, City of San Jacinto

Dear Mr. Michael,

TJW Engineering, Inc. (TJW) is pleased to submit this Trip Generation Analysis for the proposed project located at 710 Cawston Avenue in the City of San Jacinto. The proposed project is for the construction of 419 single family detached residential units. The purpose of this memorandum is to summarize the project Trip Generation Analysis.

Proposed Project

The proposed site is bound by 7th Street on the north, Cawston Avenue on the east, and Esplanade Avenue on the south. The project proposes to construct 419 single family detached residential units. Site access will be provided at each of the three (3) adjacent streets, Cawston Avenue, Esplanade Avenue, and 7th Street. A site plan is attached for reference.

Trip Generation Analysis

The trip generation for the proposed project was developed based on the *City of Jurupa Valley Traffic Impact Analysis Guidelines)* (November 2020). Per the *City Guidelines*, trip generation rates are to be obtained from the *Institute of Transportation Engineers Trip Generation Manual (ITE Manual)* (11th Edition, 2021). Trip generation volumes are based on the proposed land use for Single-Family Detached Housing. As shown in **Table 1** below, the proposed project is expected to generate a total of 294 AM peak hour trips, 394 PM peak hour trips, and 3,952 daily trips.

Table 1
Project Trip Generation

Proposed Land Use[1]	ITE Code	Qty	Unit[2]	Daily		AM Peak Hour					PM Peak Hour				
				Rate	Volume	Rate	In:Out Split	Volume			Rate	In:Out Split	Volume		
								In	Out	Total			In	Out	Total
Single-Family Detached Housing	210	419	DU	9.43	3,952	0.7	26:74	76	218	294	0.94	63:37	248	146	394

1: Trip generation and pass-by rates from ITE Trip Generation (11th Edition, 2021).
2: DU = Dwelling Units.

Summary

This memorandum provides an overview of the trip generation analysis for the proposed project and will generate a total of 294 AM peak hour trips, 394 PM peak hour trips, and 3,952 daily trips. It should be noted that a Draft Transportation Impact Study for the proposed project was conducted in March 2024. This study evaluated a project that generates a total of 364 AM peak hour trips, 454 PM peak hour trips, and 5,223 daily trips. As the project now generates fewer trips, the findings and conclusion of the March 2024 study would remain and be considered conservative.

It is recommended that City staff review this trip generation memorandum to determine if additional traffic analysis is warranted.

Please contact us at (949) 878-3509 if you have any questions regarding this analysis.

Sincerely,

Thomas Wheat, PE, TE
President

David Chew, PTP
Transportation Planner





Registered Civil Engineer *#69467*
Registered Traffic Engineer *#2565*

SEVENTH STREET

CAWSTON AVENUE

ESPLANADE AVENUE

Chacon Farms Draft Transportation Impact Study



CHACON FARMS

PREPARED FOR

RAMONA DAIRY



March 2024

Balancing the Natural and Built Environment

PSOMAS

CHACON FARMS
TRANSPORTATION IMPACT STUDY
SAN JACINTO, CA

Prepared For

Ramona Dairy

Prepared By

PSOMAS

Psomas Project No. 4RAM020100

March 2024

TABLE OF CONTENTS

1. EXECUTIVE SUMMARY 1

2. INTRODUCTION 3

2.1. PURPOSE OF TIS AND STUDY OBJECTIVE 3
2.2. PROJECT INFORMATION 3

3. METHODOLOGY AND IMPACT THRESHOLDS 6

4. EXISTING CONDITIONS 8

4.1. EXISTING ROADWAY NETWORK 8
4.2. TRAFFIC VOLUMES 11
4.3. EXISTING TRAFFIC OPERATIONS 11
4.4. EXISTING MULTIMODAL FACILITIES 11

5. PROJECT TRAFFIC 17

5.1. TRIP GENERATION AND DISTRIBUTION 17
5.2. PROJECT TRAFFIC VOLUMES 17

6. OPENING YEAR ANALYSIS 21

6.1. NO PROJECT ANALYSIS 21
6.1.1. COMMITTED ROADWAY IMPROVEMENTS 21
6.1.2. APPROVED PROJECTS AND AMBIENT GROWTH 21
6.1.3. TOTAL BACKGROUND OPENING YEAR TRAFFIC VOLUMES 21
6.1.4. BACKGROUND OPENING YEAR TRAFFIC OPERATIONS 27
6.2. PLUS PROJECT ANALYSIS 30
6.2.1. TOTAL OPENING YEAR TRAFFIC VOLUMES 30
6.2.2. TOTAL OPENING YEAR TRAFFIC OPERATIONS 30

7. TRAFFIC SIGNAL WARRANT ANALYSIS 35

8. SITE ACCESS ANALYSIS 36

9. IMPROVEMENTS AND RECOMMENDATIONS 38

9.1. IMPROVEMENTS AT INTERSECTIONS 38

9.2. IMPROVEMENTS AT ROADWAY SEGMENTS 38

9.3. FAIR SHARE CALCULATION 39

10. VEHICLE MILES TRAVELED (VMT) ANALYSIS 40

11. REFERENCES 41

APPENDIX A – TRAFFIC VOLUME DATA

APPENDIX B - SIMTRAFFIC REPORTS - EXISTING CONDITIONS

APPENDIX C – APPROVED SCOPING AGREEMENT

APPENDIX D - SIMTRAFFIC REPORTS – OPENING YEAR WITHOUT PROJECT OPERATIONS

APPENDIX E - SIMTRAFFIC REPORTS – OPENING YEAR PLUS PROJECT OPERATIONS

APPENDIX F - SIMTRAFFIC REPORTS – OPENING YEAR PLUS PROJECT AND IMPROVEMENT OPERATIONS

LIST OF TABLES

TABLE 1. LEVEL OF SERVICE THRESHOLDS FOR SIGNALIZED INTERSECTIONS 6

TABLE 2. LEVEL OF SERVICE THRESHOLDS FOR UNSIGNALIZED INTERSECTIONS 6

TABLE 3. PROJECT TRIP GENERATION 17

TABLE 4. RELATED PROJECT INFORMATION 22

TABLE 5. FAIR SHARE PERCENTAGE CALCULATIONS FOR REQUIRED TRAFFIC SIGNALS 39

LIST OF FIGURES

FIGURE 1. PROJECT LOCATION 4
FIGURE 2. SITE PLAN 5
FIGURE 3. EXISTING INTERSECTION GEOMETRY 9
FIGURE 4. EXISTING TRAFFIC VOLUMES 12
FIGURE 5. EXISTING LEVEL OF SERVICE (LOS) 14
FIGURE 6. EXISTING AND PROPOSED BICYCLE FACILITIES 16
FIGURE 7. TRIP DISTRIBUTION 18
FIGURE 8. PROJECT TRAFFIC VOLUMES 19
FIGURE 9. RELATED PROJECT LOCATIONS 22
FIGURE 10. RELATED PROJECT TRAFFIC VOLUMES 23
FIGURE 11. TOTAL BACKGROUND OPENING YEAR TRAFFIC VOLUMES 25
FIGURE 12. OPENING YEAR WITHOUT PROJECT LEVEL OF SERVICE (LOS) 28
FIGURE 13. OPENING YEAR PLUS PROJECT TRAFFIC VOLUMES 31
FIGURE 14. OPENING YEAR PLUS PROJECT LEVEL OF SERVICE (LOS) 33
FIGURE 15. PEAK HOUR SIGNAL WARRANT EVALUATION 35
FIGURE 16. SIGHT TRIANGLES 37
FIGURE 17. OPENING YEAR LEVEL OF SERVICE (LOS) WITH IMPROVEMENTS 39

1. EXECUTIVE SUMMARY

The proposed Chacon Farms project is located in San Jacinto, CA, bound by 7th Street on the north, Cawston Avenue on the east, and Esplanade Avenue on the south. The project will include 210 detached single family residential units and 430 townhomes and is expected to be completed in 2027. The project will generate 5,223 daily trips, including 218 AM peak hour trips and 254 PM peak hour trips.

Based on direction from the City, the study area includes 20 existing intersections and 3 roadway segments. The study locations were evaluated for existing conditions, opening year conditions without the project, and opening year conditions with the project. The intersections were evaluated using *SimTraffic*, and the roadway segments were evaluated based on the capacities listed in the City's General Plan.

Improvements which are expected to be underway shortly in the study area include:

- Construct a traffic signal at Cawston Avenue and Esplanade Avenue
- Widen Esplanade Avenue to a four-lane divided roadway between Warren Road and Sanderson Avenue
- Construct a traffic signal at Esplanade Avenue and Warren Road

The modeling was completed first without the improvements in place to help determine if they would be needed without the project. Ultimately, the models all include a traffic signal at Esplanade Avenue and Warren Road as well as a four-lane section on Esplanade Road, but do not include a signal at Warrant Road and Esplanade Road.

Traffic volumes were not only collected for the AM and PM peak hours, but also for the school release peak hour. However, the school release period volumes were found to be generally lower than the "typical" peak hour volumes, the additional period was not evaluated.

The operational analysis shows that all intersections operate with an acceptable LOS under existing conditions. However, four intersections will experience degraded operations in the opening year with or without the project as indicated below:

- Ramona Expressway/Sanderson Avenue – LOS E in the AM peak hour (with and without project)
- 7th Street/Lyon Avenue – LOS E in the AM peak hour (with project) and LOS F in the PM peak hour (with and without project)
- Esplanade Avenue/Kirby Street – LOS F in both peak hours (with and without project)
- Esplanade Avenue/Lyon Avenue – LOS F in the PM peak hour due to queuing at the Esplanade Avenue/Kirby Street intersection (with and without project)

The peak hour signal warrant is met for the 7th Street/Lyon Avenue and Esplanade Avenue/Kirby Street intersections in the opening year. Therefore, it is recommended that signals be installed at both locations. With the signal, both interactions will operate at an acceptable LOS and the intersection of Esplanade Avenue and Lyon Avenue will no longer be affected by queuing from Esplanade Avenue/Kirby Street. The project will be responsible for 17% of the 7th Street/Lyon Avenue traffic signal cost and 11% of the Esplanade Avenue/Kirby Street traffic signal cost.

The study segments were found to operate with volumes well below capacity in each of the study periods, so no additional improvements are required.

Because the project is located in a low-VMT generating area and is consistent with the surrounding land uses, the project is considered to have a less than significant impact. In addition, the project will not impact existing or planned multimodal facilities. Finally, the recommended sight triangles are shown and should be maintained as the project is designed and constructed to ensure sufficient sight visibility at the project driveways.

2. INTRODUCTION

2.1. PURPOSE OF TIS AND STUDY OBJECTIVE

The purpose of this report is to evaluate anticipated traffic impacts due to the development of the Chacon Farms development. To that end, this report provides an analysis of 20 existing intersections and 3 roadway segments which were determined by the City as locations which may serve a significant amount of project traffic. Necessary improvements were then determined to ensure the roadway network continues to operate acceptably as the project is developed.

2.2. PROJECT INFORMATION

The proposed Chacon Farms development is expected to include 640 residential units, including 210 single family detached units and 430 townhouses. The project will be accessible from 7th Street on the north, Cawston Street on the east, and Esplanade Avenue on the south. The project is expected to be completed in 2027. Figure 1 shows the location of the project and Figure 2 shows the project site plan.

The site on which the project will be located is mostly vacant and is zoned as rural residential. The proposed zoning will be medium residential. Based on discussions with the City, this report includes an analysis of existing conditions, opening year conditions without the project, and opening year conditions plus the project.

Figure 1. Project Location

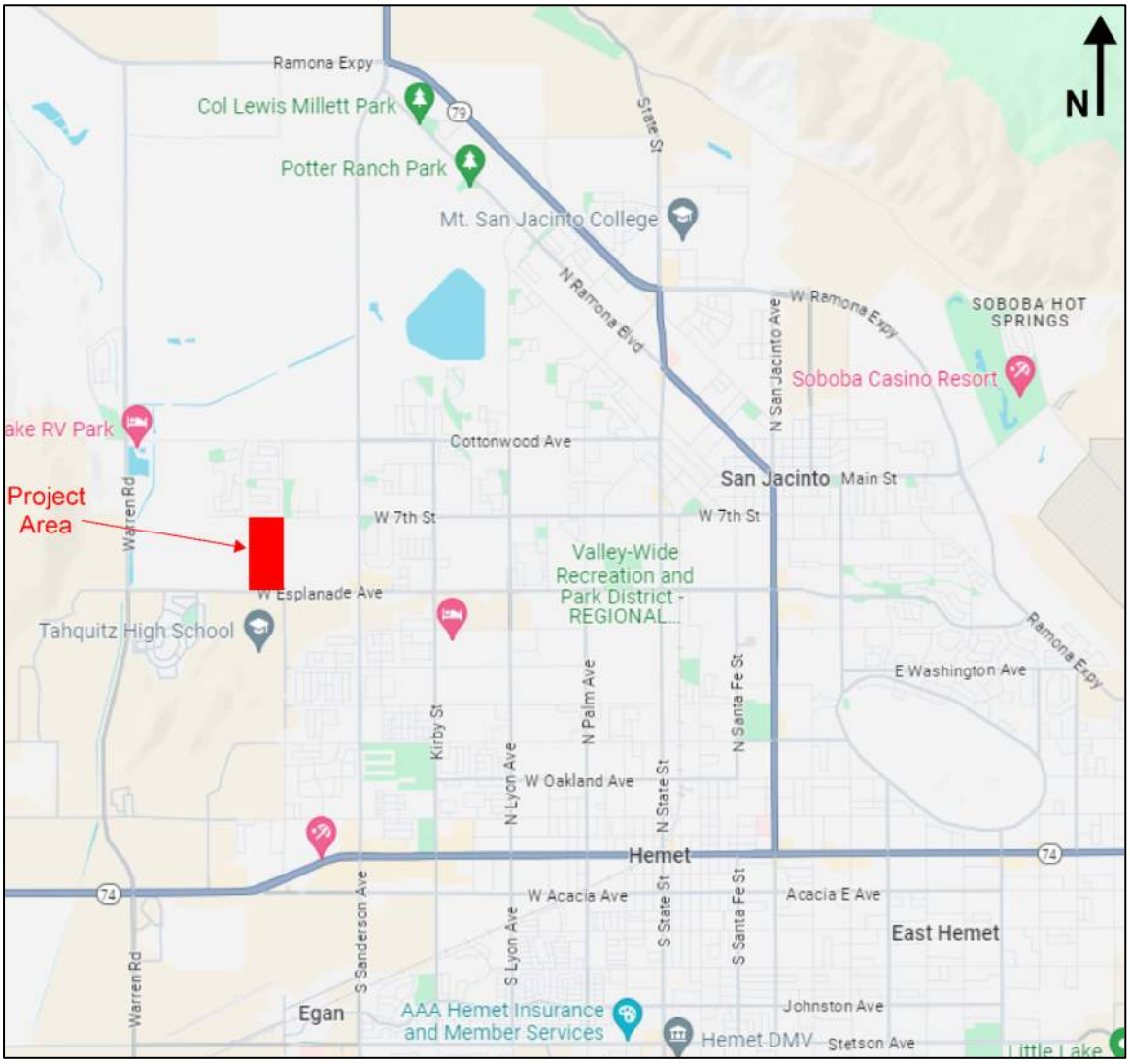


Figure 2. Site Plan



3. METHODOLOGY AND IMPACT THRESHOLDS

Level of Service (LOS) is a qualitative measure that describes operational conditions in terms of travel speed (for arterials), density (for freeways and ramps), and delays (for intersections). LOS ranges from A to F, with A representing the best operating conditions and F representing the worst. The City of San Jacinto LOS target (from the *Traffic Impact Analysis Guidelines for Vehicle Miles Traveled and Level of Service Assessment*[1]) is LOS D or better. Table 1 shows the LOS thresholds for signalized intersections and Table 2 shows the LOS thresholds for unsignalized intersections.

Table 1. Level of Service Thresholds for Signalized Intersections

Delay (sec/veh)	LOS
≤ 10.0	A
> 10.0 - ≤ 20.0	B
> 20.0 - ≤ 35.0	C
> 35.0 - ≤ 55.0	D
> 55.0 - ≤ 80.0	E
> 80.0	F

Table 2. Level of Service Thresholds for Unsignalized Intersections

Delay (sec/veh)	LOS
≤ 10.0	A
> 10.0 - ≤ 15.0	B
> 15.0 - ≤ 25.0	C
> 25.0 - ≤ 35.0	D
> 35.0 - ≤ 50.0	E
> 50.0	F

Because of the high posted speeds and number of lanes at some stop-controlled intersections, the analyses were unable to be completed using the HCM methodology via Synchro. Therefore, microsimulation was completed using SimTraffic, which also captures any interaction between intersections due to queue spillback.

If a signal operates at LOS D or better with the addition of project traffic, no improvements are needed.

However, if a signal is operating at LOS D without the project and project traffic will degrade operations to LOS E or F, improvements will be needed to return operations to LOS D. Any signalized intersection operating at LOS E or F without the project for which project traffic increases delay by 5.0 seconds or more will require improvements.

For unsignalized intersections, an operational improvement would be required if either a) or b) and c) below occur:

a) The addition of project traffic causes the intersection to degrade from LOS D or better to LOS E or F.
b) The project adds 5.0 seconds or more of delay to an intersection project to operate at LOS E or F without project traffic.
c) The intersection meets the peak hour traffic signal warrant after the addition of project traffic.

If the conditions are satisfied, improvements will be required for case a) to return to LOS D or better and for case b) to return to pre-project LOS and delay (or better).

The study roadway segments were compared to the capacities listed in the *General Plan*[2], as follows:

- Arterial, 6 lanes – 55,300 vehicles per day (vpd)
- Arterial, 4 lanes – 39,300 vpd
- Major, 4 lanes divided – 35,800 vpd
- Major, 4 lanes undivided – 32,600 vpd
- Collector, 2 lanes undivided – 18,300 vpd
- Collector, 2 lanes divided – 17,800 vpd

Improvements will be needed if the addition of project traffic results in either:

- Degradation from LOS D or better to LOS E or F
- Addition of 5% of roadway capacity for a roadway operating unacceptably without project traffic

4. EXISTING CONDITIONS

4.1. EXISTING ROADWAY NETWORK

The overall project will be accessible via the existing roadways of 7th Street, Cawston Avenue, and Esplanade Avenue. The critical elements of the roadway network which will serve the project are discussed below.

Cawston Avenue is a two-lane undivided roadway along the project frontage. North of 7th Street, the roadway is four lanes with on-street parking along the east side of the roadway. South of Esplanade Avenue, the roadway is five lanes, including two travel lanes per direction and a two-way left turn lane. The posted speed limit is 40 mph in the vicinity of the project. The roadway is classified as a major roadway by the City of San Jacinto[3].

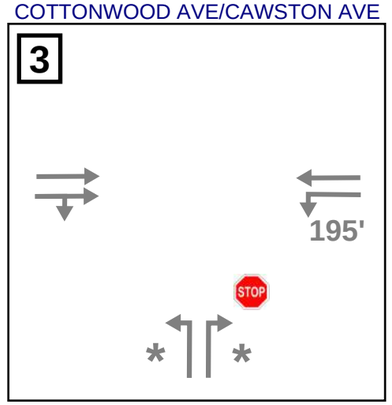
7th Street is generally a two-lane undivided roadway along the project frontage. There is no posted speed, but east of Cawston Avenue, the posted speed is 45 mph. The roadway is classified as a major roadway by the City.

Esplanade Avenue is a two-lane undivided roadway with a speed limit of 50 mph. The roadway is classified as an arterial by the City.

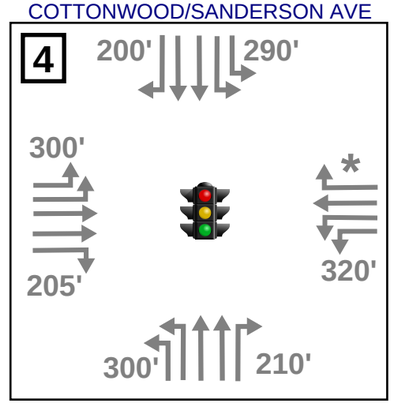
The existing intersection geometry for the study intersections, along with posted speed limits and number of travel lanes on roadways in the study area, is shown in Figure 3.



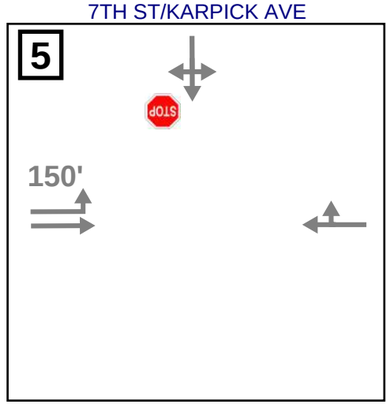
COTTONWOOD AVE/CAWSTON AVE



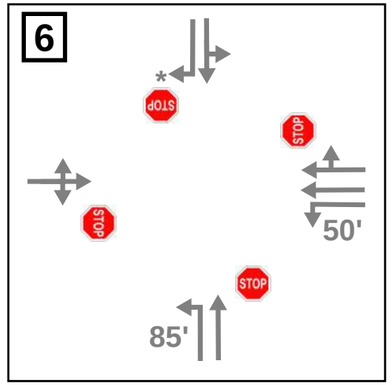
COTTONWOOD/SANDERSON AVE



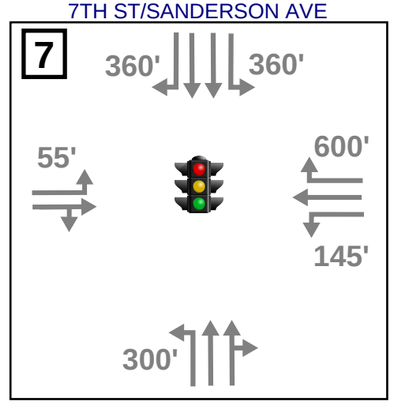
7TH ST/KARPICK AVE



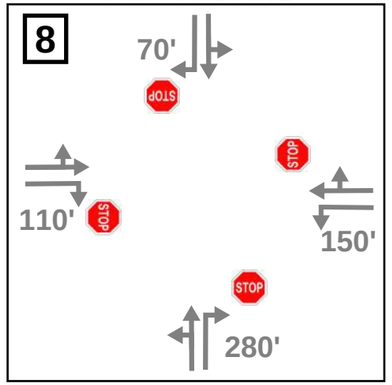
7TH ST/CAWSTON AVE



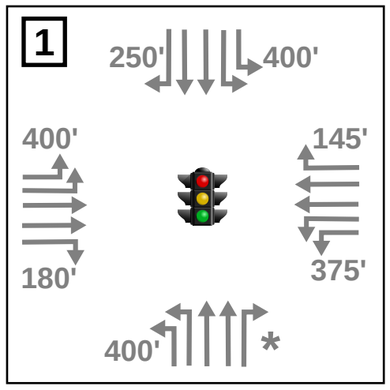
7TH ST/SANDERSON AVE



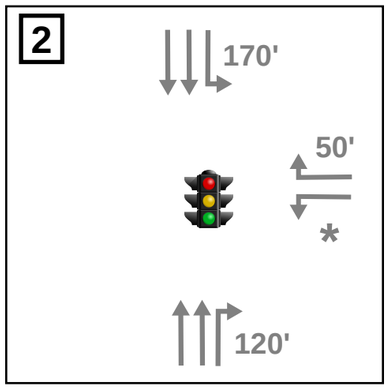
7TH ST/KIRBY AVE



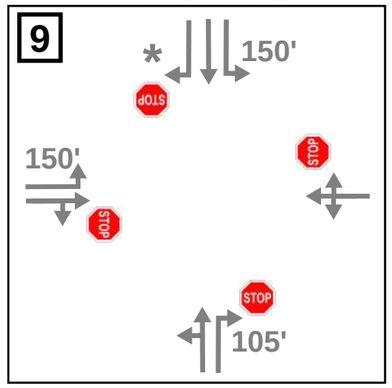
RAMONA EXPY/SANDERSON AVE



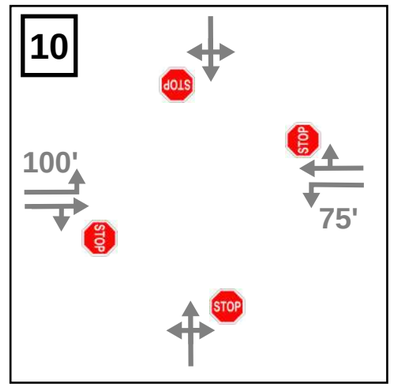
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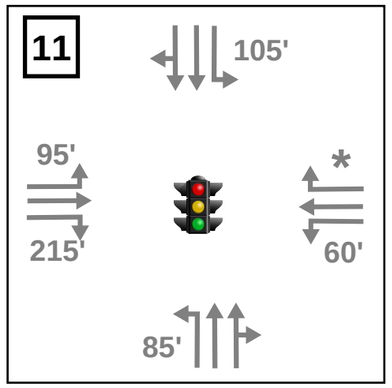
7TH ST/LYON AVE



7TH ST/PALM AVE

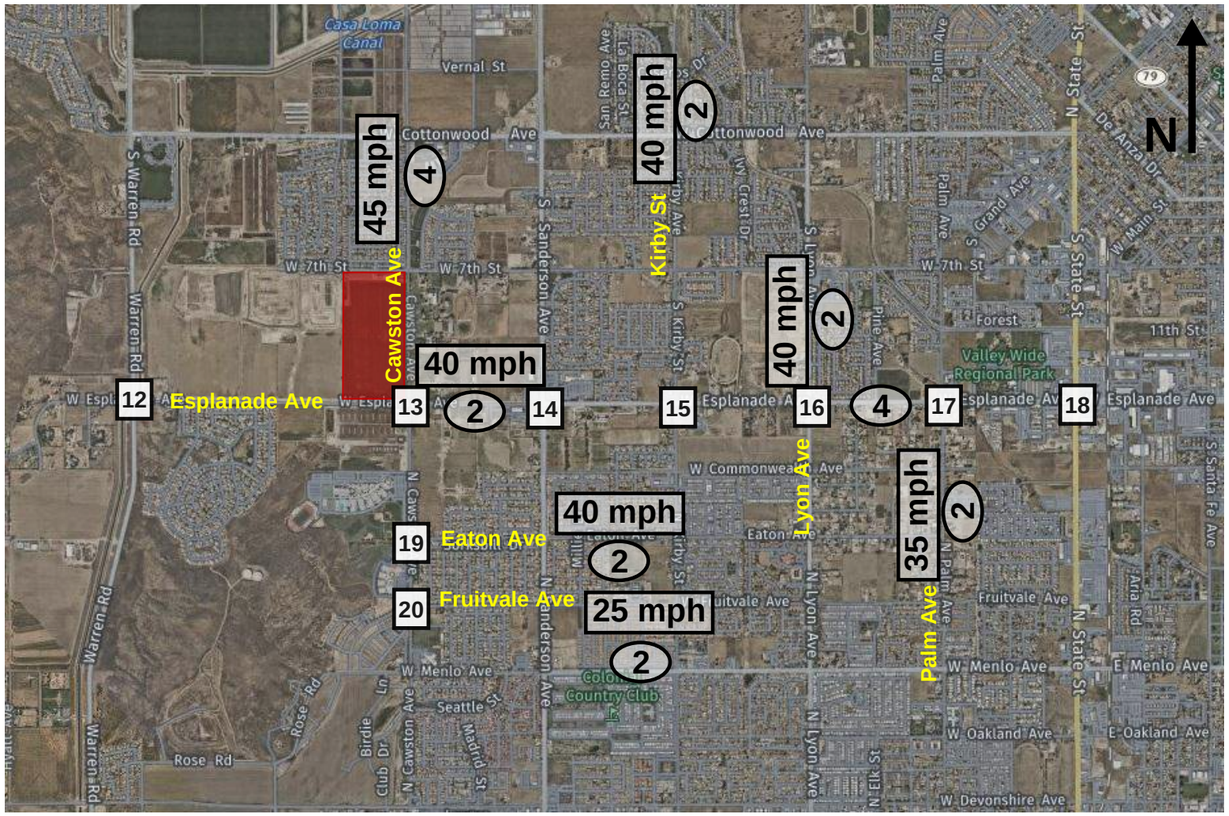


7TH ST/STATE ST

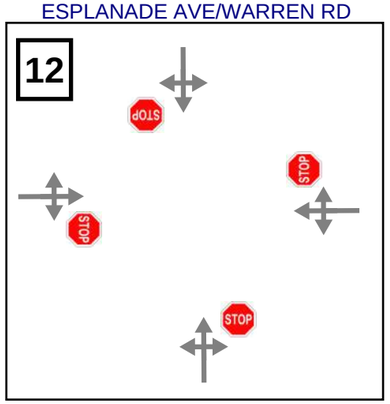


LEGEND

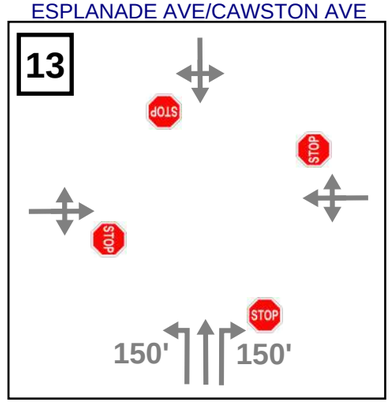
- Existing Lane
- xxx' Existing Turn Lane Storage
- (X) Number of Lanes (Two-Way)
- [X] Speed Limit (mph)
- * Trap Lane



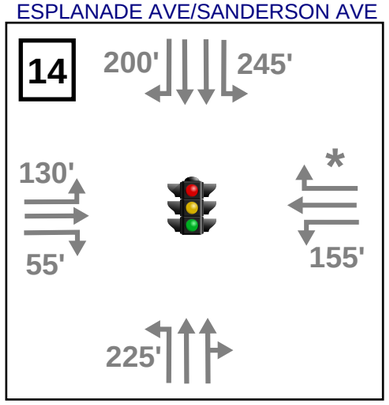
ESPLANADE AVE/WARREN RD



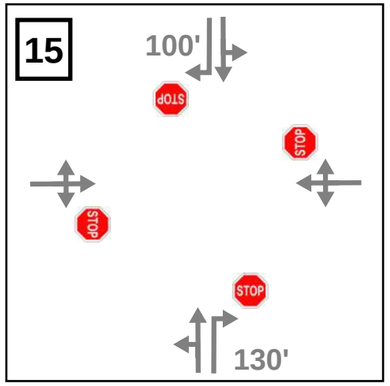
ESPLANADE AVE/CAWSTON AVE



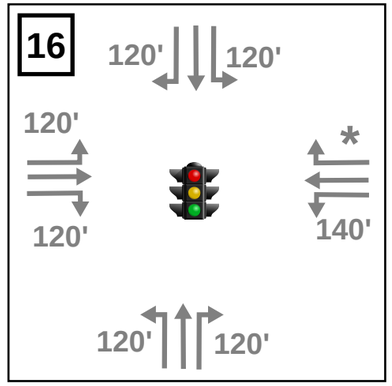
ESPLANADE AVE/SANDERSON AVE



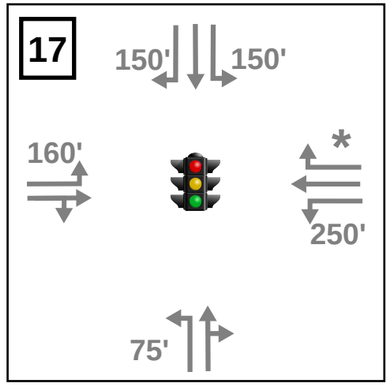
ESPLANADE AVE/KIRBY AVE



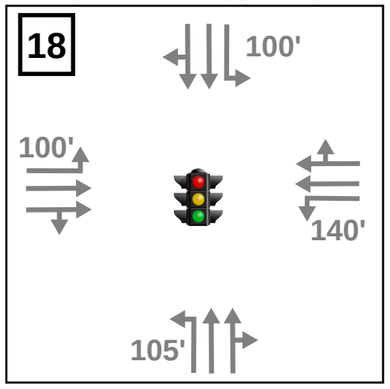
ESPLANADE AVE/LYON AVE



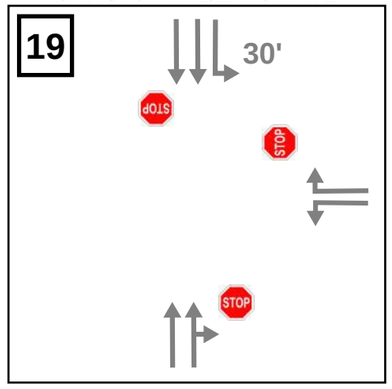
ESPLANADE AVE/PALM AVE



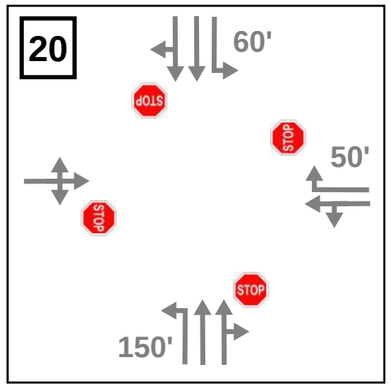
ESPLANADE AVE/STATE ST



CAWSTON AVE/EATON AVE



7TH ST/PALM AVE



LEGEND

- Existing Lane
- xxx' Existing Turn Lane Storage
- (X) Number of Lanes (Two-Way)
- [X] Speed Limit (mph)
- * Trap Lane

4.2. TRAFFIC VOLUMES

Traffic volumes were collected at the 20 study intersections and along the 3 study segments by National Data & Surveying Services (NDS) on Thursday, November 2, 2023. The peak hours for the study area were found to be from 7:30 AM to 8:30 AM and from 4:00 PM to 5:00 PM. The existing volumes are shown in Figure 4 and the data is included in Appendix A.

School release period volumes were also collected at select locations. However, the volumes were found to be generally similar or lower than the "typical" peak hour volumes. Because project trip generation (both for the proposed project and the related projects) will also be lower during that period than the peak hour, the additional period was not evaluated. The raw data is included in Appendix A.

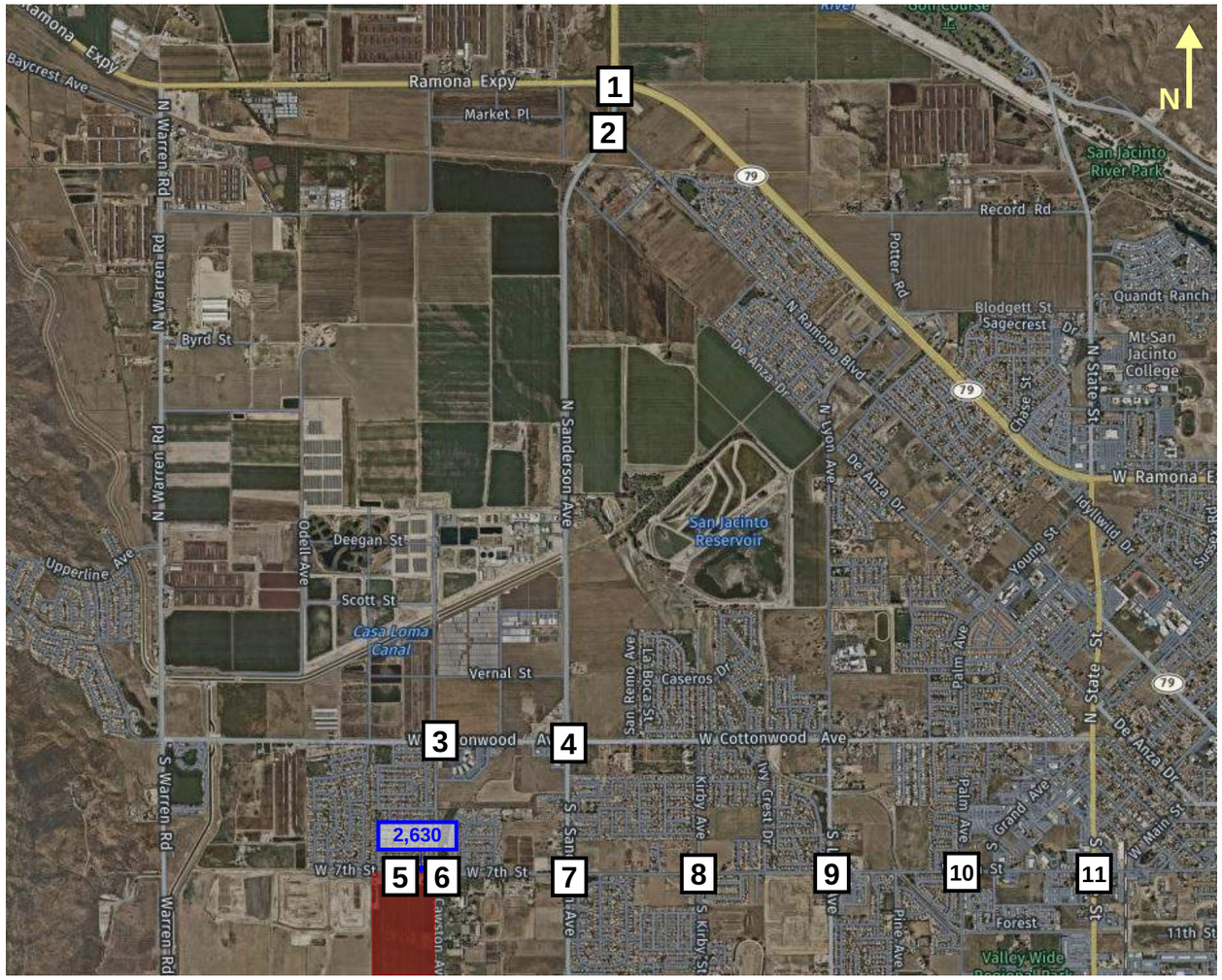
4.3. EXISTING TRAFFIC OPERATIONS

The existing operations are shown in Figure 5. As shown in the figure, all existing signalized and all-way stop control intersections currently operate at LOS D or better in both peak hours. In addition, all movements at one-way stop-controlled intersections operate at LOS A in both peak hours. The *SimTraffic* reports are included in Appendix B.

Although the study segments are classified as major or arterial roadways, each is only two lanes. Therefore, the capacity is assumed to be 18,300 vpd. Given that assumption, the three roadway study segments are all operating well below the available capacity.

4.4. EXISTING MULTIMODAL FACILITIES

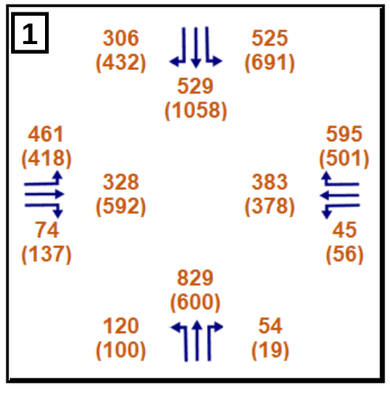
There is no transit in the project vicinity, nor are there sidewalks along the project frontage. However, there are existing sidewalks along Cawston Avenue north of 7th Street and south of Esplanade Avenue. In addition, there is an existing sidewalk along the north side of 7th Street along the project frontage. There are no existing bicycle facilties in the project vicinity, either, but Figure 6 (from the *General Plan*) shows that there are proposed Class 2 (bike lane/buffered bike lane) bicycle facilities on 7th Street and Cawston Avenue along the project frontage.



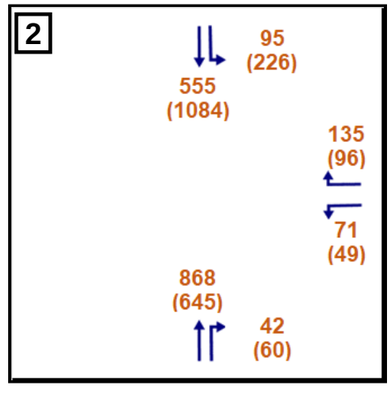
LEGEND

- XX — Intersection Number
- XX — AM Peak Hour Traffic Volume (veh/hr)
- (XX) — PM Peak Hour Traffic Volume (veh/hr)
- XX,XXX — Segment Daily Traffic Volume (pc/day)
- Chacon Farms Project Area

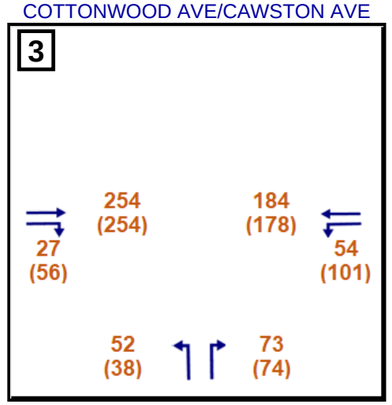
RAMONA EXPY/SANDERSON AVE



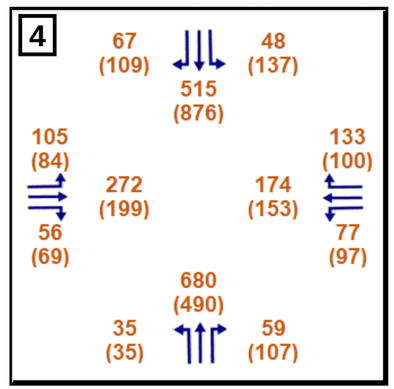
RAMONA BLVD/SANDERSON AVE



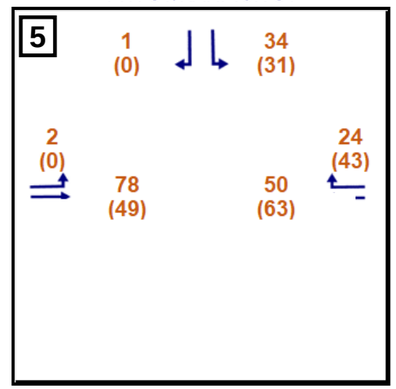
COTTONWOOD AVE/CAWSTON AVE



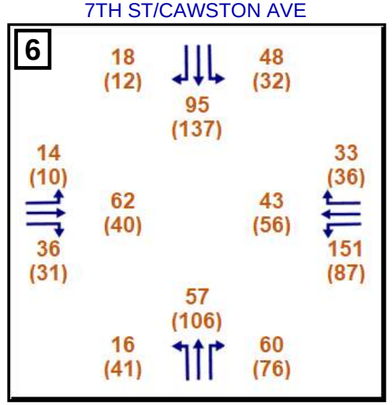
COTTONWOOD AVE/SANDERSON AVE



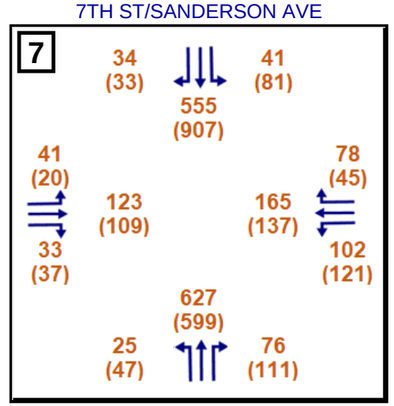
7TH ST/KARPICK ST



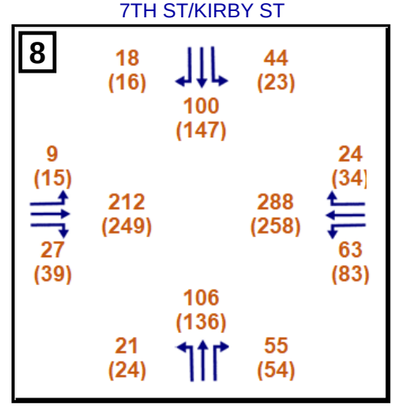
7TH ST/CAWSTON AVE



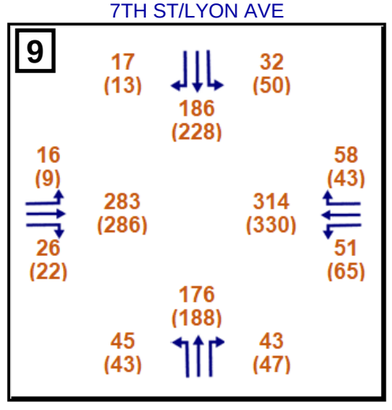
7TH ST/SANDERSON AVE



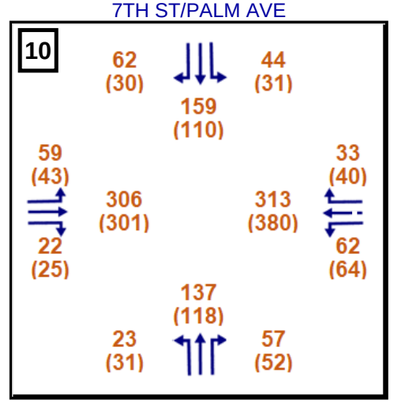
7TH ST/KIRBY ST



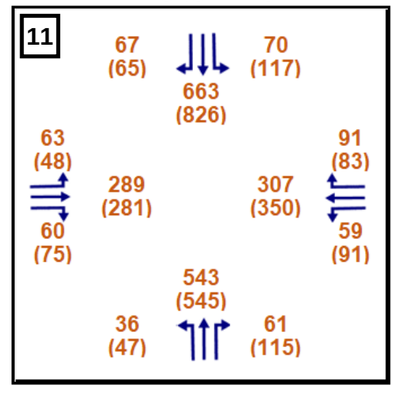
7TH ST/LYON AVE



7TH ST/PALM AVE



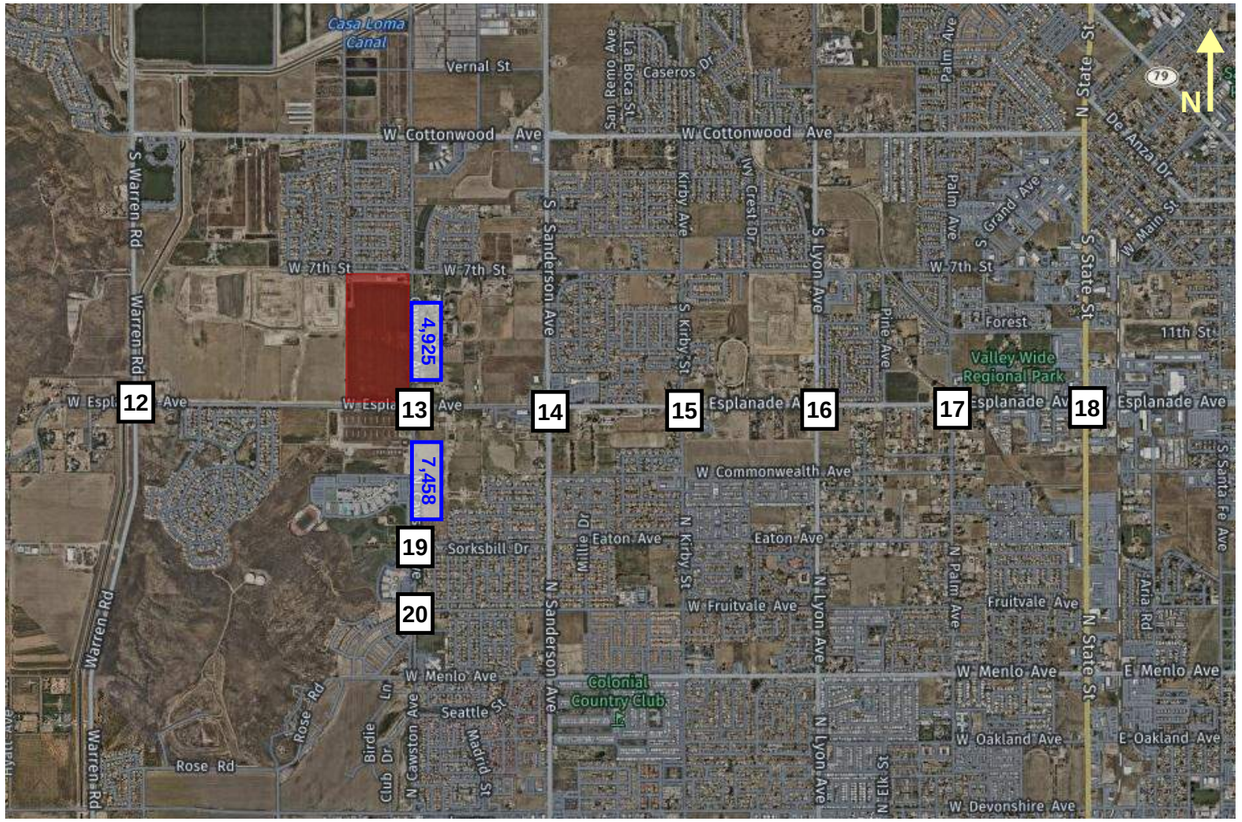
7TH ST/STATE ST



Chacon Farms
Transportation Impact Study

Figure 4.
Existing Traffic Volumes, Intersections 1-11

PSOMAS
March 2024



LEGEND

- XX — Intersection Number
- XX — AM Peak Hour Traffic Volume (veh/hr)
- (XX) — PM Peak Hour Traffic Volume (veh/hr)
- XX,XXX — Segment Daily Traffic Volume (pc/day)
- Chacon Farms Project Area

ESPLANADE AVE/WARREN AVE

12

	13 (25)	36 (48)
	333 (282)	
24 (11)		51 (40)
41 (29)		42 (36)
2 (1)		107 (124)
	428 (477)	
1 (5)		120 (126)

ESPLANADE AVE/CAWSTON AVE

13

	63 (71)	18 (13)
	202 (171)	
42 (53)		11 (17)
130 (167)		130 (165)
127 (70)		143 (77)
	83 (150)	
46 (59)		75 (63)

ESPLANADE AVE/SANDERSON AVE

14

	55 (62)	43 (75)
	559 (921)	
66 (63)		37 (51)
141 (139)		214 (173)
19 (43)		93 (152)
	670 (672)	
48 (54)		122 (107)

ESPLANADE AVE/KIRBY ST

15

	35 (38)	44 (38)
	175 (225)	
23 (26)		19 (36)
275 (324)		285 (302)
29 (60)		60 (78)
	150 (215)	
53 (55)		77 (89)

ESPLANADE AVE/LYON AVE

16

	35 (15)	40 (53)
	193 (243)	
20 (29)		67 (77)
351 (404)		314 (389)
18 (31)		72 (107)
	159 (196)	
14 (17)		58 (83)

ESPLANADE AVE/PALM AVE

17

	63 (43)	87 (74)
	201 (173)	
47 (30)		38 (82)
377 (464)		337 (489)
19 (38)		63 (107)
	221 (123)	
37 (46)		38 (82)

ESPLANADE AVE/STATE ST

18

	72 (104)	168 (221)
	508 (642)	
60 (77)		137 (167)
368 (481)		462 (538)
47 (74)		91 (125)
	478 (482)	
51 (64)		96 (148)

CAWSTON AVE/EATON AVE

19

		164 (70)
	397 (347)	
		234 (47)
		58 (30)
	310 (244)	
	42 (44)	

CAWSTON AVE/FRUITVALE AVE

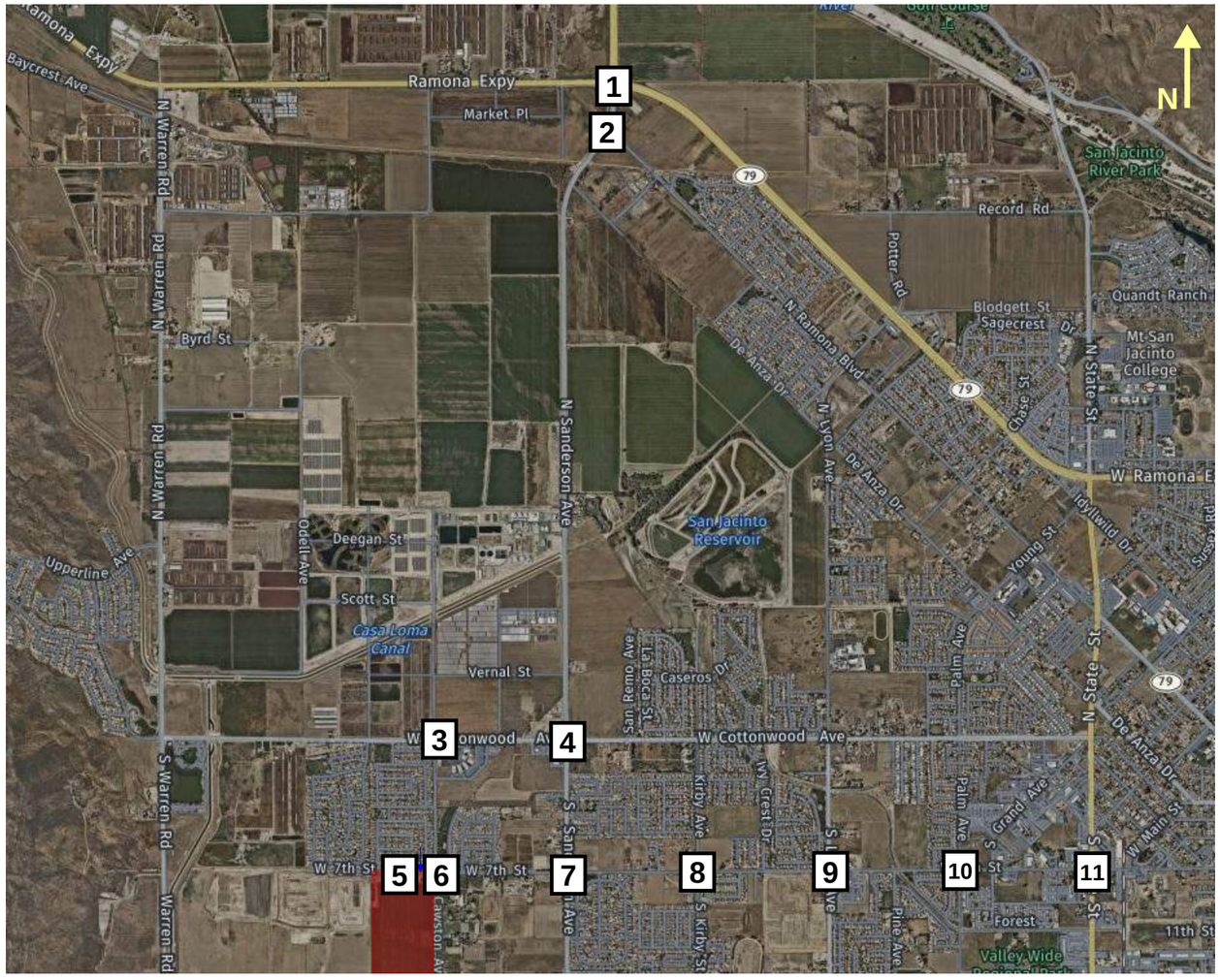
20

	1 (2)	106 (51)
	349 (387)	
2 (2)		105 (33)
1 (1)		0 (3)
5 (5)		29 (42)
	314 (262)	
2 (7)		33 (56)

Chacon Farms
Transportation Impact Study

Figure 4 cont'd.
Existing Traffic Volumes, Intersections 12-20

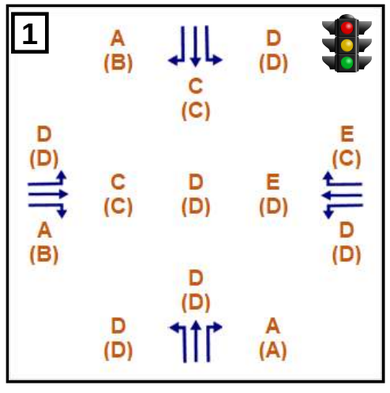
PSOMAS
March 2024



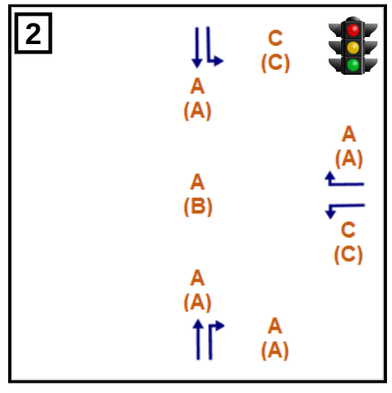
LEGEND

XX	Intersection Number
XX	AM Peak Hour Level of Service (LOS)
(XX)	PM Peak Hour Level of Service (LOS)
	Chacon Farms Project Area

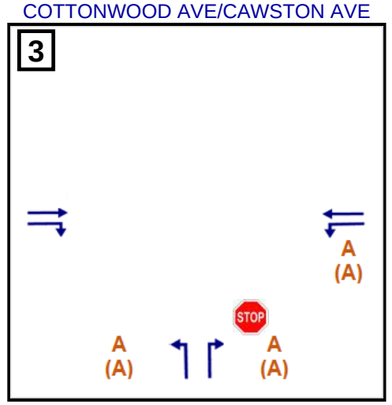
RAMONA EXPY/SANDERSON AVE



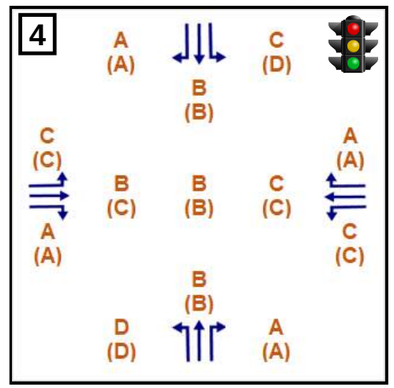
RAMONA BLVD/SANDERSON AVE



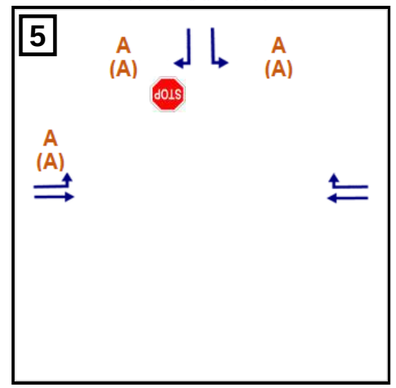
COTTONWOOD AVE/CAWSTON AVE



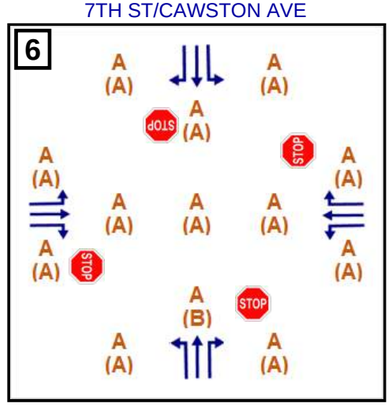
COTTONWOOD AVE/SANDERSON AVE



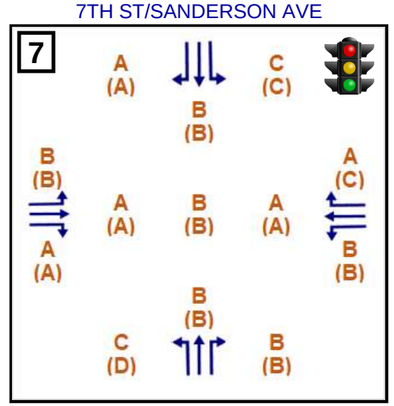
7TH ST/KARPICK ST



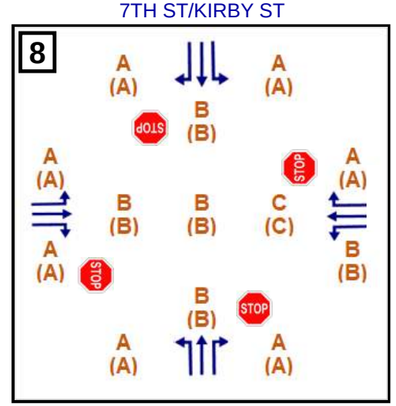
7TH ST/CAWSTON AVE



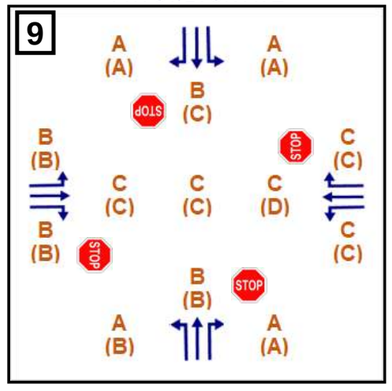
7TH ST/SANDERSON AVE



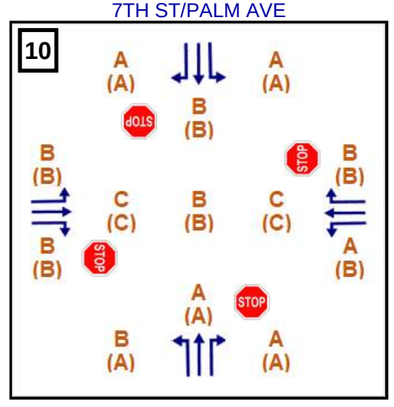
7TH ST/KIRBY ST



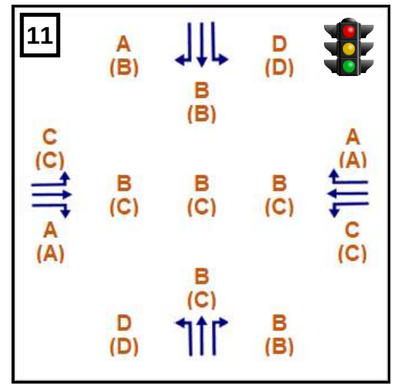
7TH ST/LYON AVE



7TH ST/PALM AVE



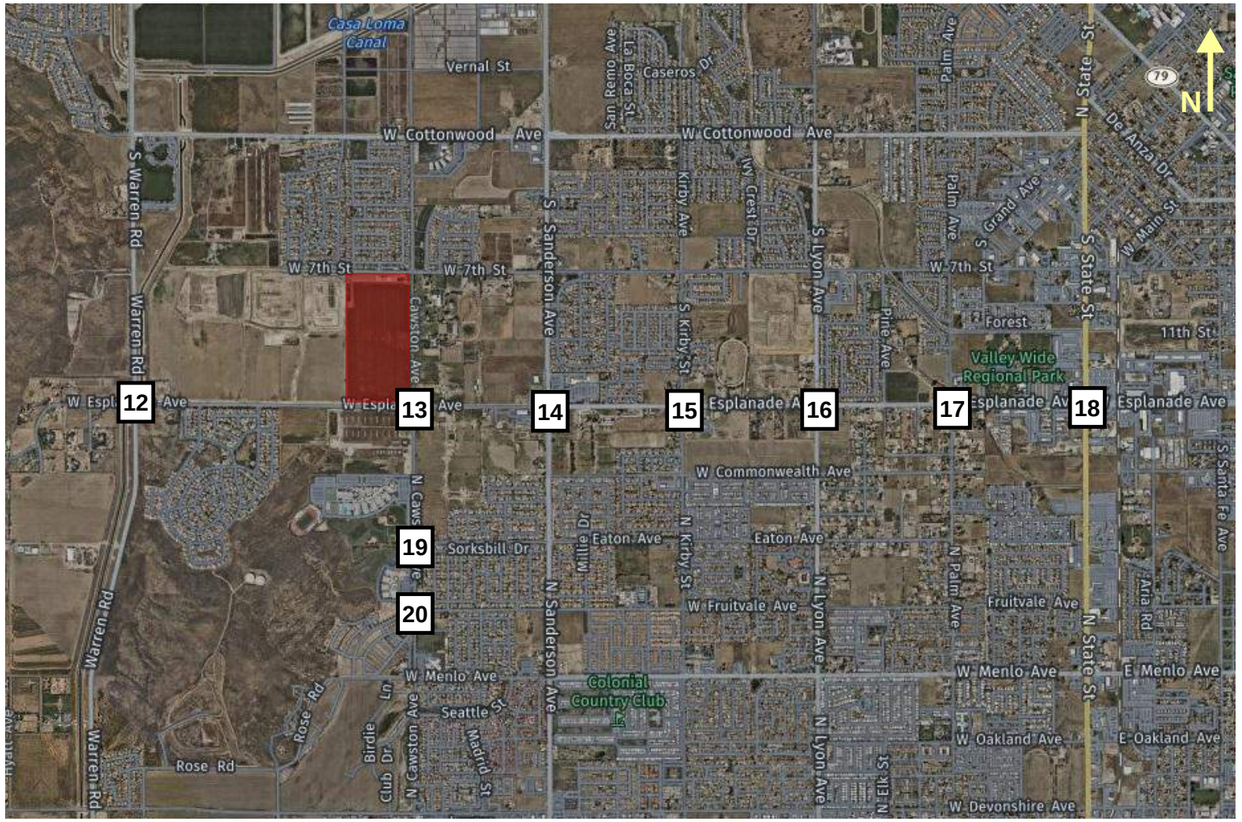
7TH ST/STATE ST



Chacon Farms
Transportation Impact Study

Figure 5.
Existing Level of Service (LOS), Intersections 1-11

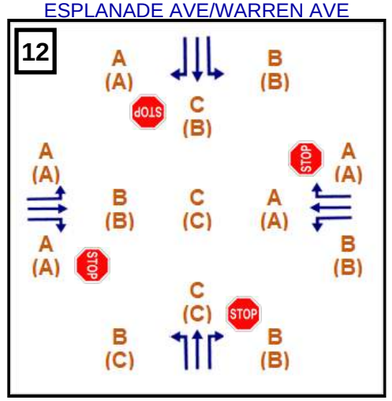
PSOMAS
March 2024



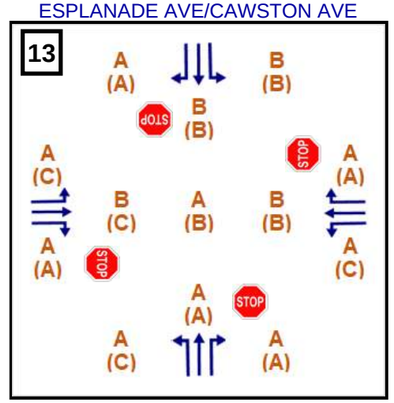
LEGEND

XX	Intersection Number
XX	AM Peak Hour Level of Service (LOS)
(XX)	PM Peak Hour Level of Service (LOS)
	Chacon Farms Project Area

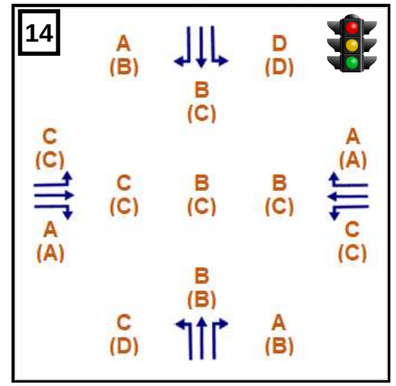
ESPLANADE AVE/WARREN AVE



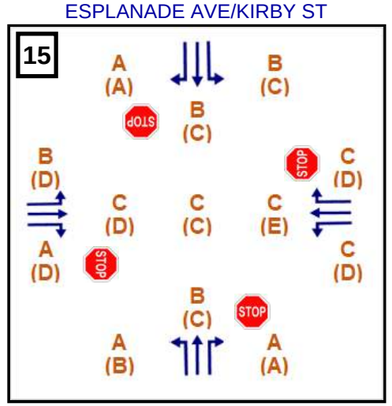
ESPLANADE AVE/CAWSTON AVE



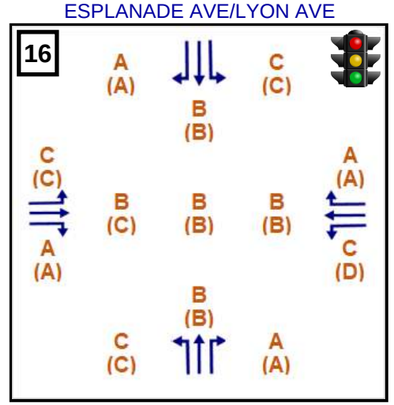
ESPLANADE AVE/SANDERSON AVE



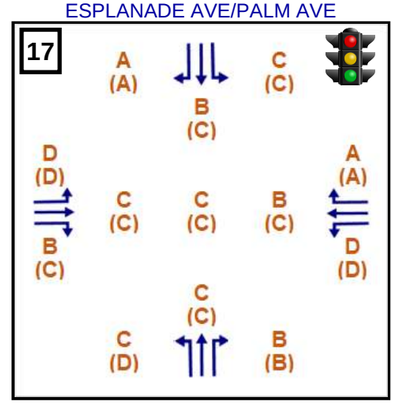
ESPLANADE AVE/KIRBY ST



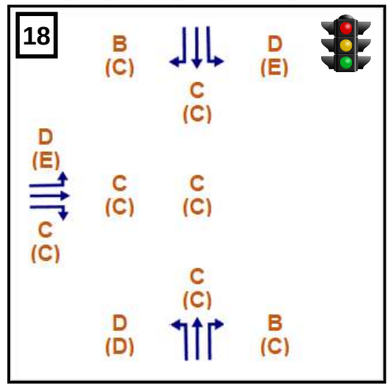
ESPLANADE AVE/LYON AVE



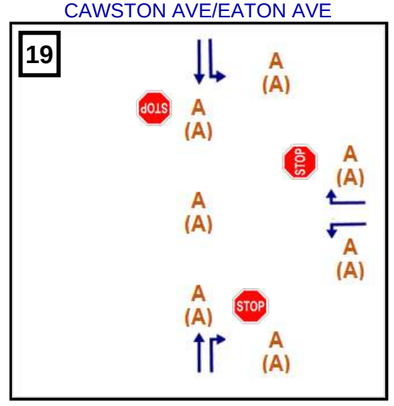
ESPLANADE AVE/PALM AVE



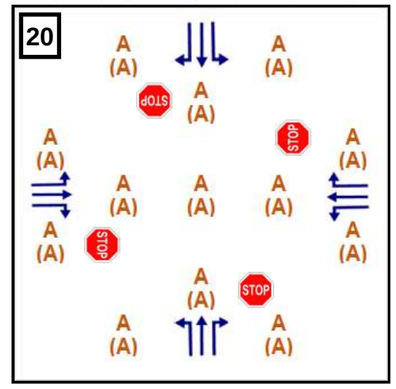
ESPLANADE AVE/STATE ST



CAWSTON AVE/EATON AVE



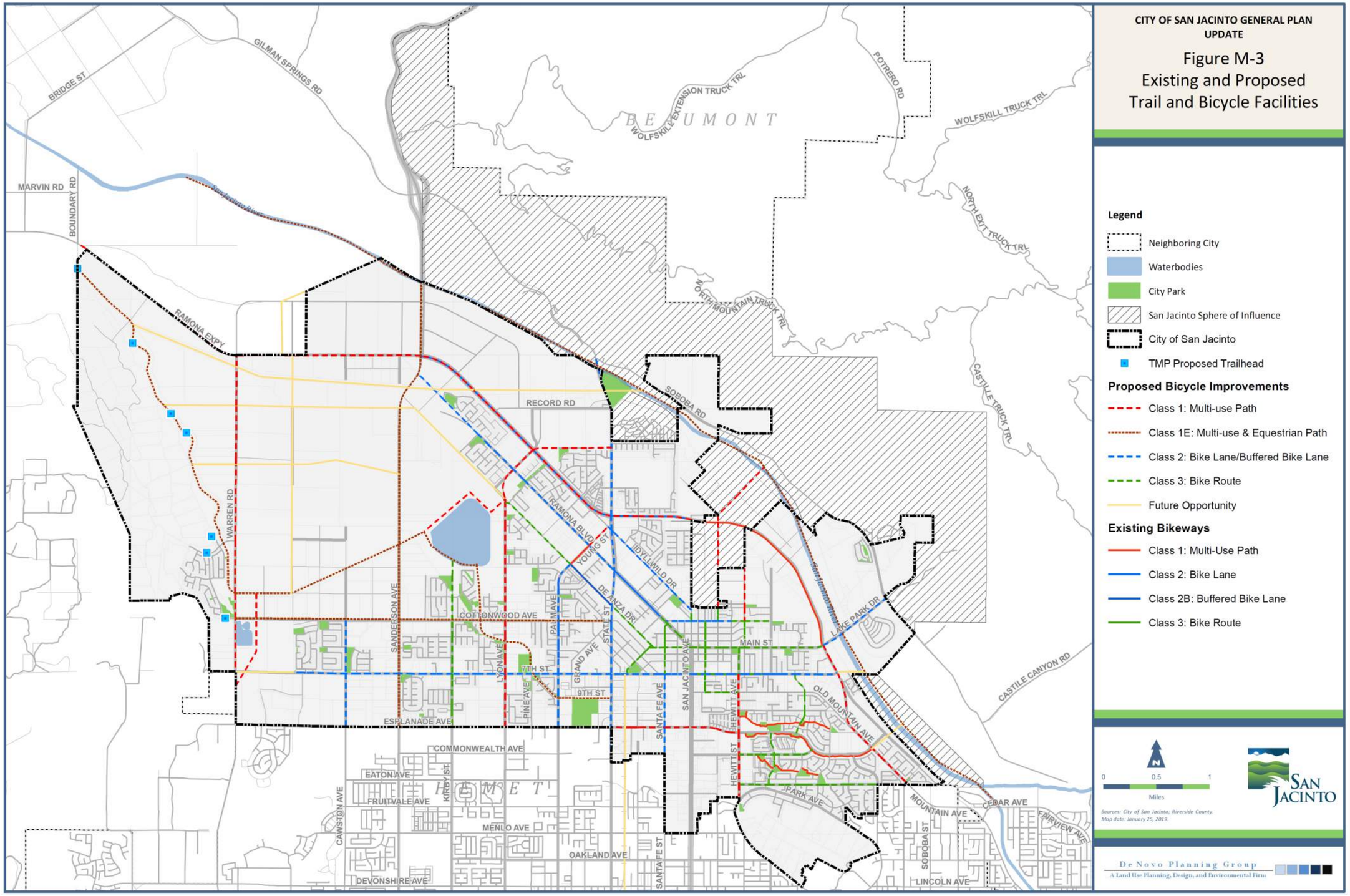
CAWSTON AVE/FRUITVALE AVE



Chacon Farms
Transportation Impact Study

Figure 5 cont'd.
Existing Level of Service (LOS), Intersections 12-20

PSOMAS
March 2024


CITY OF SAN JACINTO GENERAL PLAN UPDATE
Figure M-3
Existing and Proposed
Trail and Bicycle Facilities
Legend
Neighboring City
Waterbodies
City Park
San Jacinto Sphere of Influence
City of San Jacinto
TMP Proposed Trailhead
Proposed Bicycle Improvements
Class 1: Multi-use Path
Class 1E: Multi-use & Equestrian Path
Class 2: Bike Lane/Buffered Bike Lane
Class 3: Bike Route
Future Opportunity
Existing Bikeways
Class 1: Multi-Use Path
Class 2: Bike Lane
Class 2B: Buffered Bike Lane
Class 3: Bike Route
0
0.5
1
Miles
Sources: City of San Jacinto; Riverside County.
Map date: January 25, 2019.
SAN JACINTO
De Novo Planning Group
A Land Use Planning, Design, and Environmental Firm
BEAUMONT
HEMET
GILMAN SPRINGS RD
BRIDGE ST
MARVIN RD
BOUNDARY RD
WOLFSKILL EXTENSION TRUCK TRL
POTRERO RD
WOLFSKILL TRUCK TRL
NORTH EXIT TRUCK TRL
NORTH MOUNTAIN TRUCK TRL
CASTILE TRUCK TRL
RAMONA EXPY
RECORD RD
SOBOBA RD
WARREN RD
RAMONA BLVD
YOUNGS ST
IDYLLWILD DR
DE ANZA DR
SANDERSON AVE
COTTONWOOD AVE
PALM AVE
STATE ST
LAKE PARK DR
MAIN ST
LYON AVE
7TH ST
GRAND AVE
9TH ST
SAN JACINTO AVE
HEWITT AVE
OLD MOUNTAIN AVE
CASTILE CANYON RD
ESPLANADE AVE
PINE AVE
SANTA FE AVE
COMMONWEALTH AVE
EATON AVE
KIRBY ST
FRUITVALE AVE
CAWSTON AVE
MENLO AVE
OAKLAND AVE
DEVONSHIRE AVE
SANTA FE ST
PARK AVE
MOUNTAIN AVE
CEDAR AVE
FAIRVIEW AVE
SOBOBA ST
LINCOLN AVE

5. PROJECT TRAFFIC

5.1. TRIP GENERATION AND DISTRIBUTION

The trip generation for the project was estimated using the ITE *Trip Generation Manual, 11th Edition*[4]. The trip generation rate equations were used for both uses based on the guidelines in the *Manual*. The anticipated project trip generation is shown in Table 3.

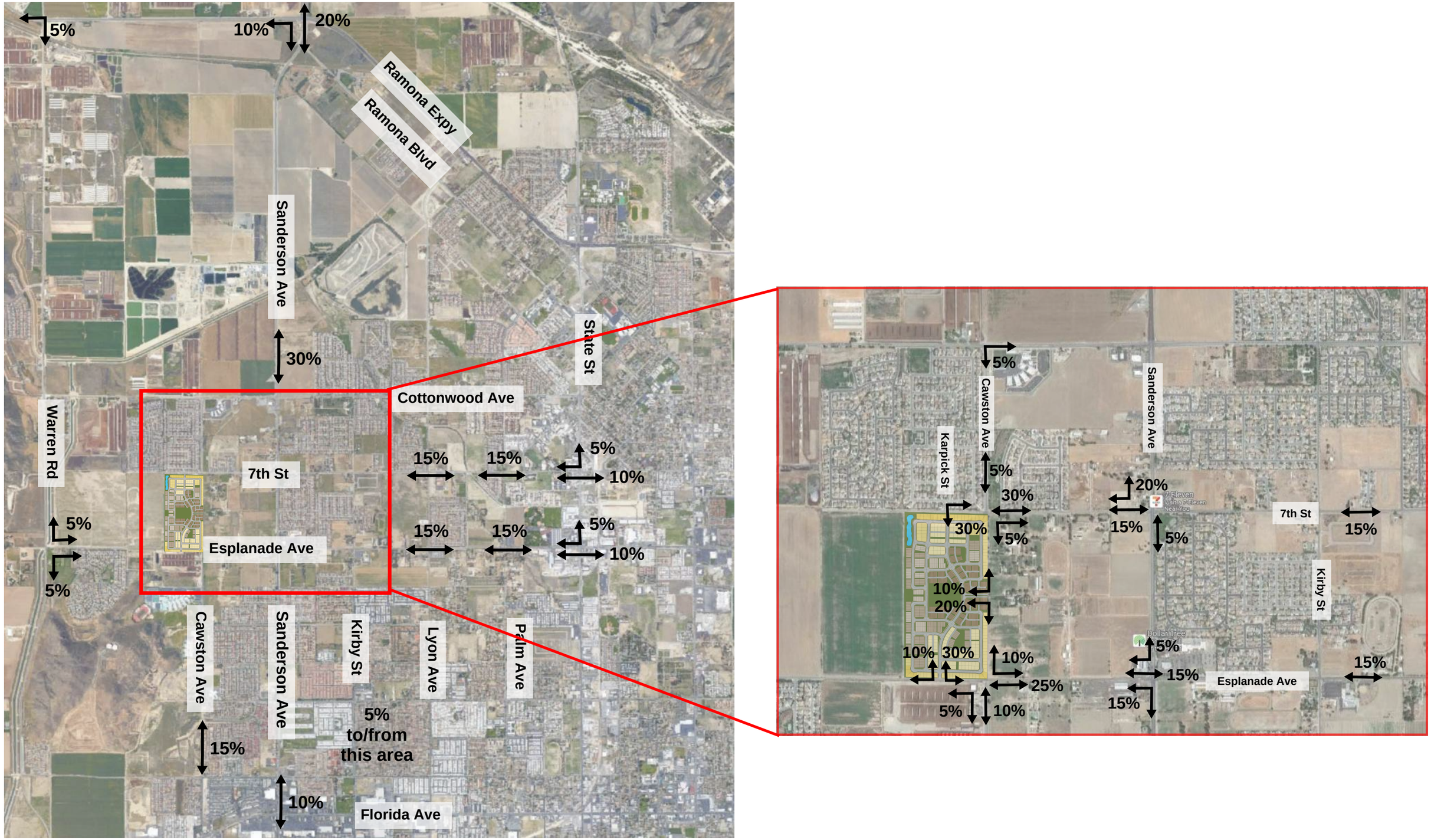
The overall trip distribution is shown in Figure 7. The distribution was approved by the City in the scoping agreement, which is included in Appendix C.

Table 3. Project Trip Generation

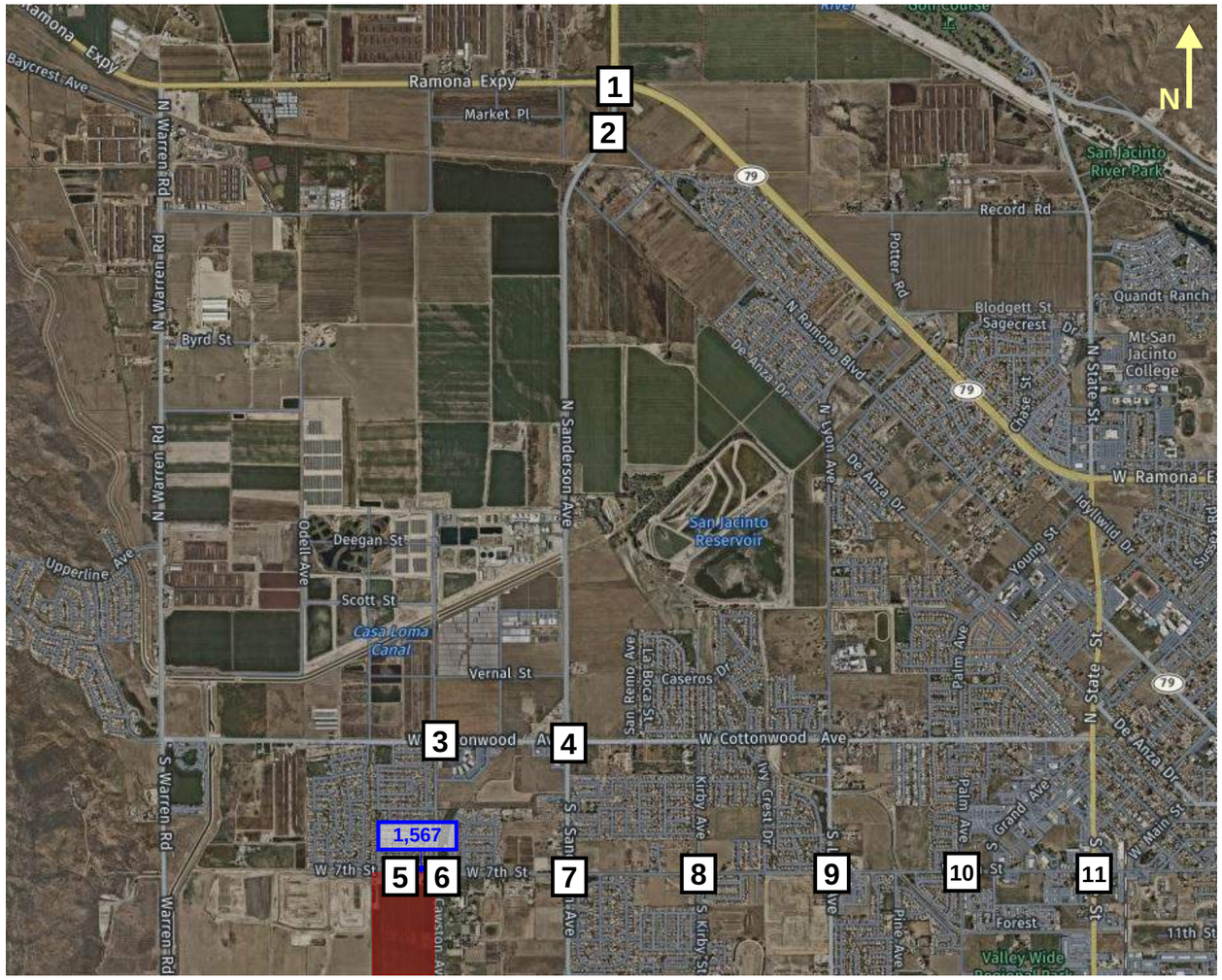
ITE Land Use Code 210 - Single Family Detached Housing						
Dwelling Units			210			
Period	Trips/Unit	Trips	% In	% Out	Trips In	Trips Out
AM Peak	0.70	146	25%	75%	37	110
PM Peak	0.95	200	63%	37%	126	74
Daily	9.51	1,997	50%	50%	998	998
ITE Land Use Code 215 - Single-Family Attached Housing						
Dwelling Units			430			
Period	Trips/Unit	Trips	% In	% Out	Trips In	Trips Out
AM Peak	0.51	218	25%	75%	54	163
PM Peak	0.59	254	59%	41%	150	104
Daily	7.50	3,226	50%	50%	1,613	1,613
TOTAL						
Period	Trips		Trips In		Trips Out	
AM Peak	364		91		273	
PM Peak	454		276		178	
Daily	5,223		2,611		2,611	

5.2. PROJECT TRAFFIC VOLUMES

Given the trip generation and distribution, the project traffic volumes were developed and are shown in Figure 8.



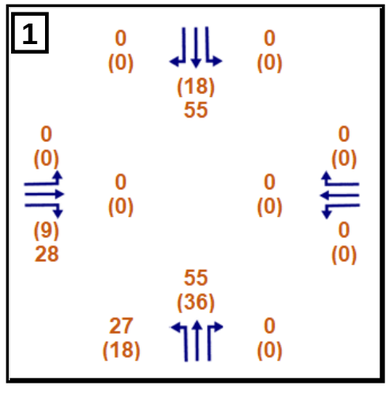
Chacon Farms Transportation Impact Study	*Figure 7. Trip Distribution*	PSOMAS March 2024



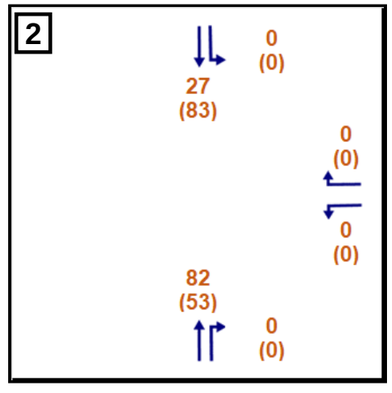
LEGEND

- XX — Intersection Number
- XX — AM Peak Hour Traffic Volume (veh/hr)
- (XX) — PM Peak Hour Traffic Volume (veh/hr)
- XX,XXX — Segment Daily Traffic Volume (pc/day)
- Chacon Farms Project Area

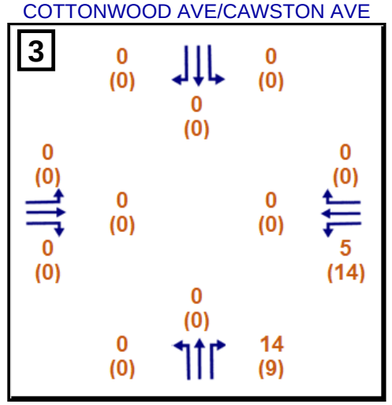
RAMONA EXPY/SANDERSON AVE



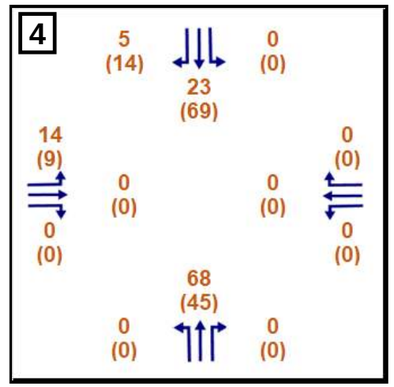
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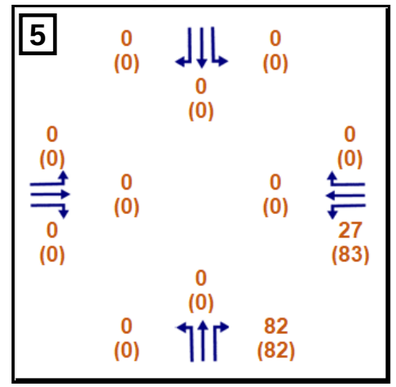
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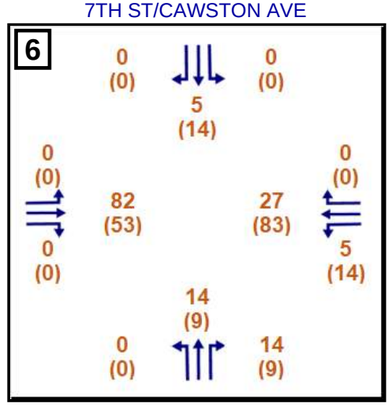
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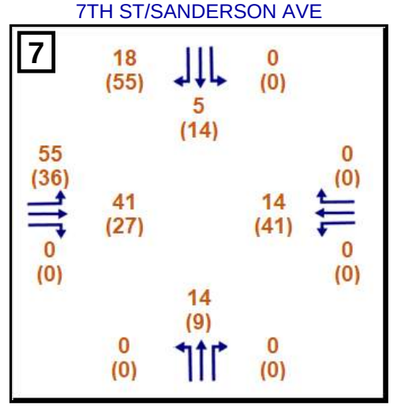
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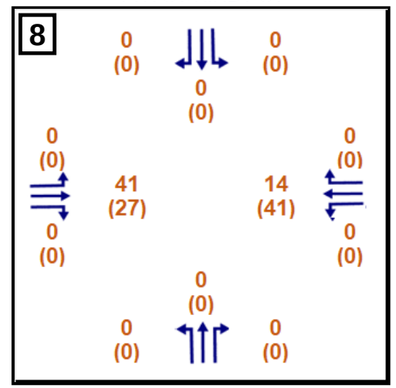
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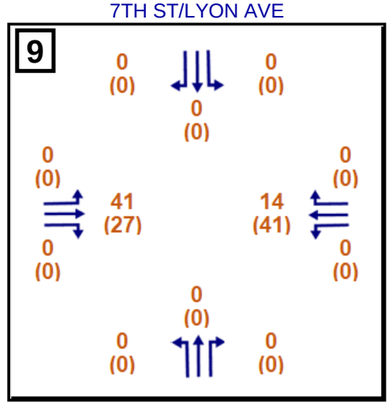
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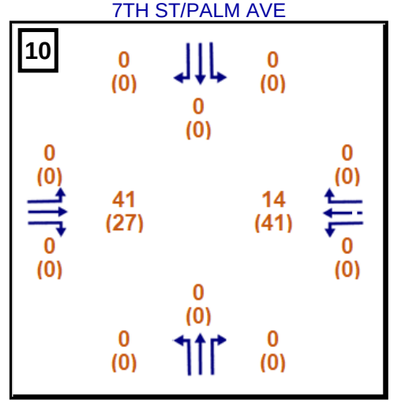
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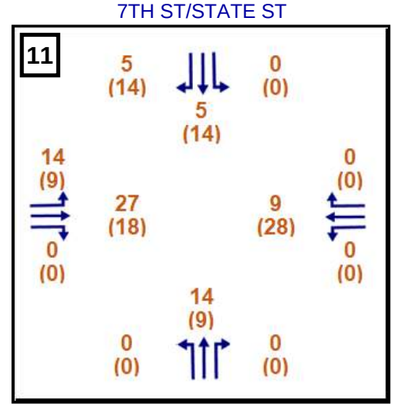
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7TH ST/PALM AVE



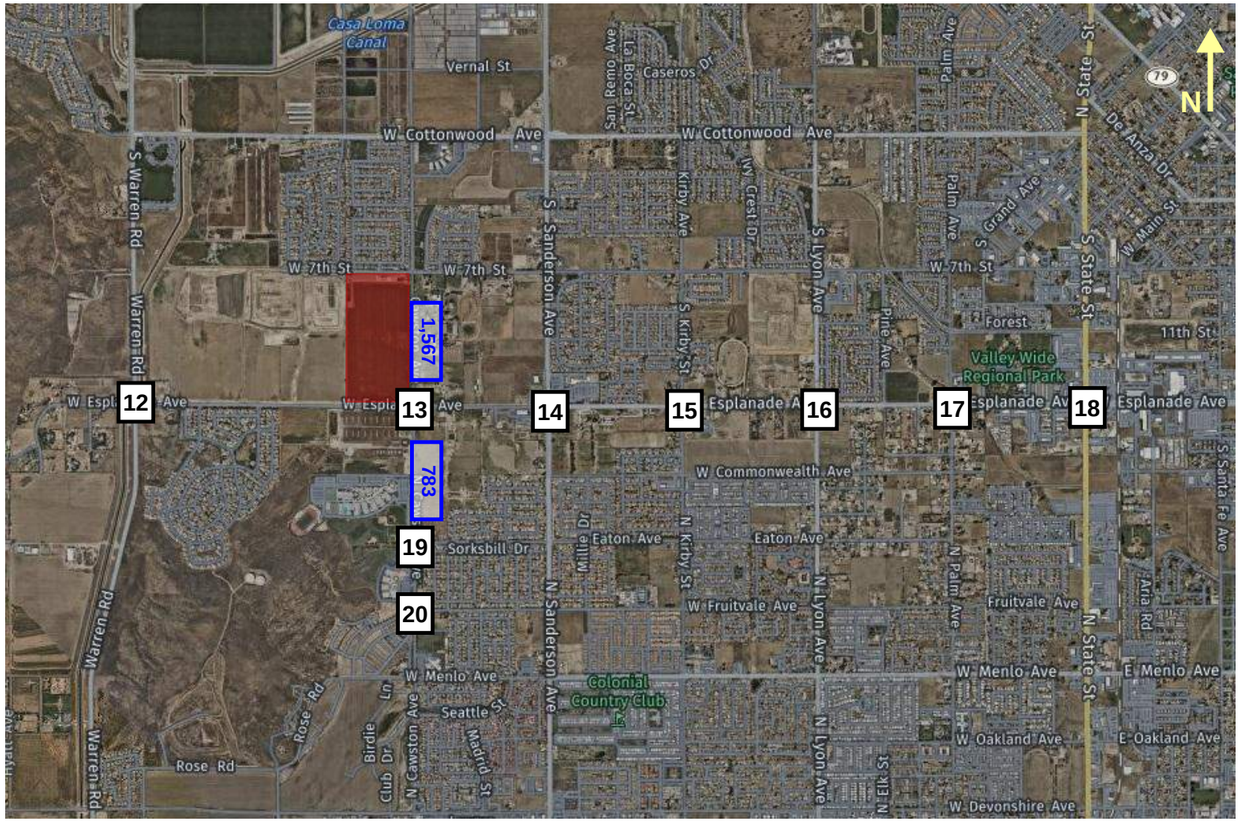
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Transportation Impact Study

Figure 8.
Project Traffic Volumes, Intersections 1-11

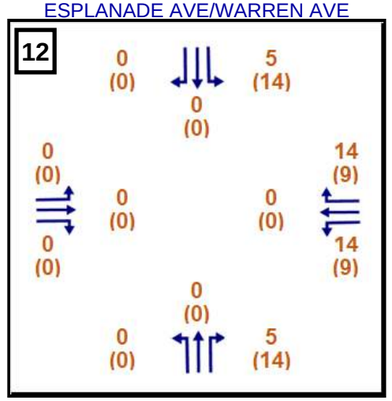
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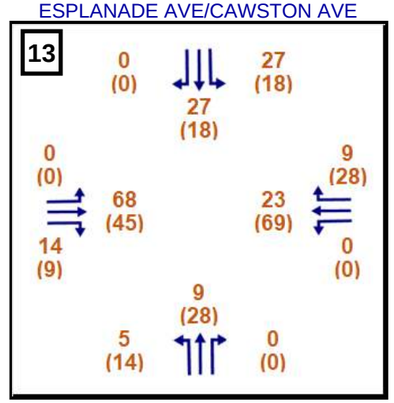
LEGEND

- XX — Intersection Number
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- Chacon Farms Project Area

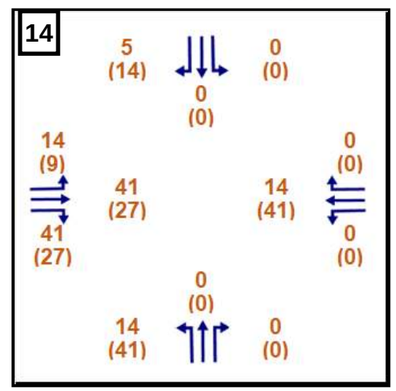
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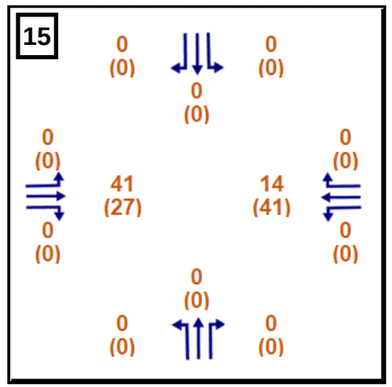
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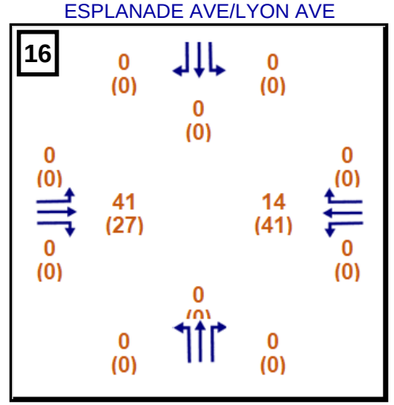
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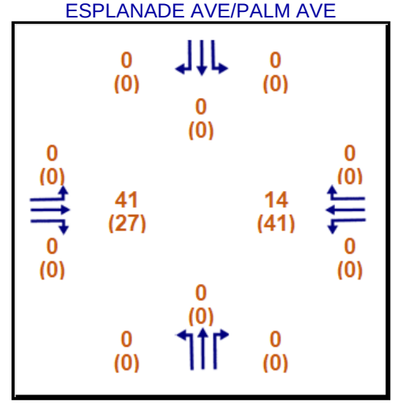
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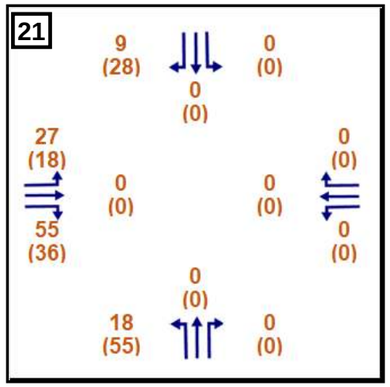
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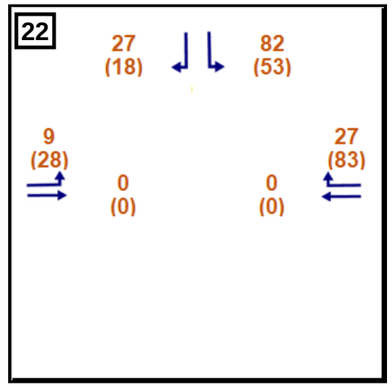
ESPLANADE AVE/PALM AVE



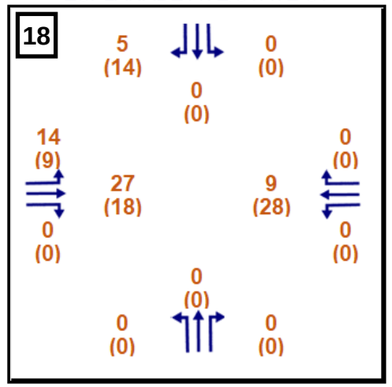
CAWSTON AVE/EAST DRIVEWAY



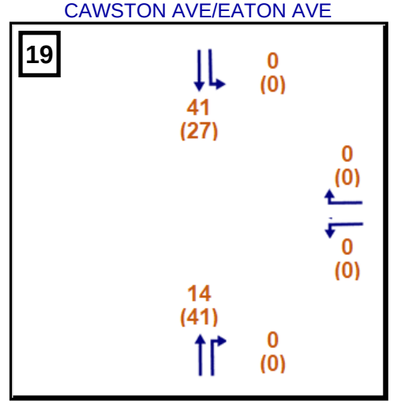
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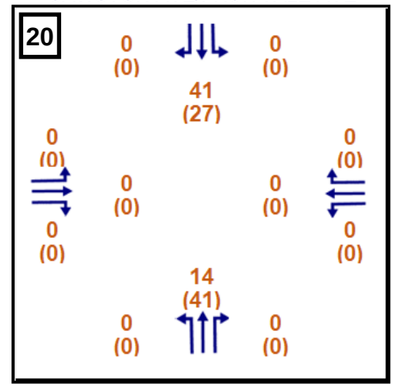
ESPLANADE AVE/STATE ST



CAWSTON AVE/EATON AVE



CAWSTON AVE/FRUITVALE AVE



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Figure 8 cont'd.
Project Traffic Volumes, Intersections 12-22

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March 2024

6. OPENING YEAR ANALYSIS

6.1. NO PROJECT ANALYSIS

6.1.1. Committed Roadway Improvements

The City indicated that the following improvements will take place with or without the project and are expected to go to bid soon (if they have not already by the time this report is finalized):

- Construct a traffic signal at Cawston Avenue and Esplanade Avenue
- Widen Esplanade Avenue to a four-lane divided roadway between Warren Road and Sanderson Avenue
- Construct a traffic signal at Esplanade Avenue and Warren Road

To help determine if the above improvements would be required due to the project traffic, the modeling was first completed without the improvements in place. It was found that the signal at the Cawston Avenue/Esplanade Avenue intersection would be needed based on opening year traffic volumes, but the signal at the Warren Road/Esplanade Avenue intersection would not be needed.

6.1.2. Approved Projects and Ambient Growth

The City provided a list of approved projects and projects under construction as well as other significant projects under review. Approved and under construction projects within a two-mile radius of the project were included in this study per direction from the City as well as two additional significant projects which are expected to be approved shortly. The list of related project is included in Table 4 and their locations are shown in Figure 9. The combined volumes generated by the related projects are shown in Figure 10.

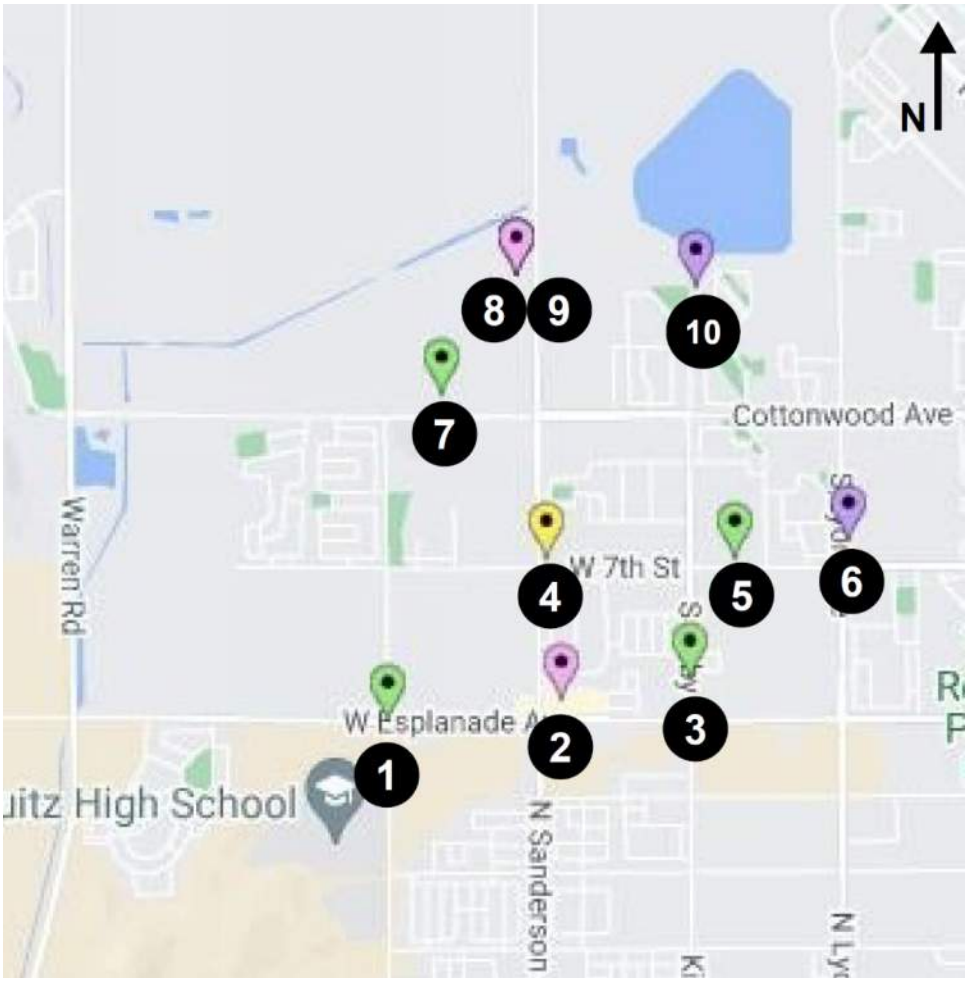
6.1.3. Total Background Opening Year Traffic Volumes

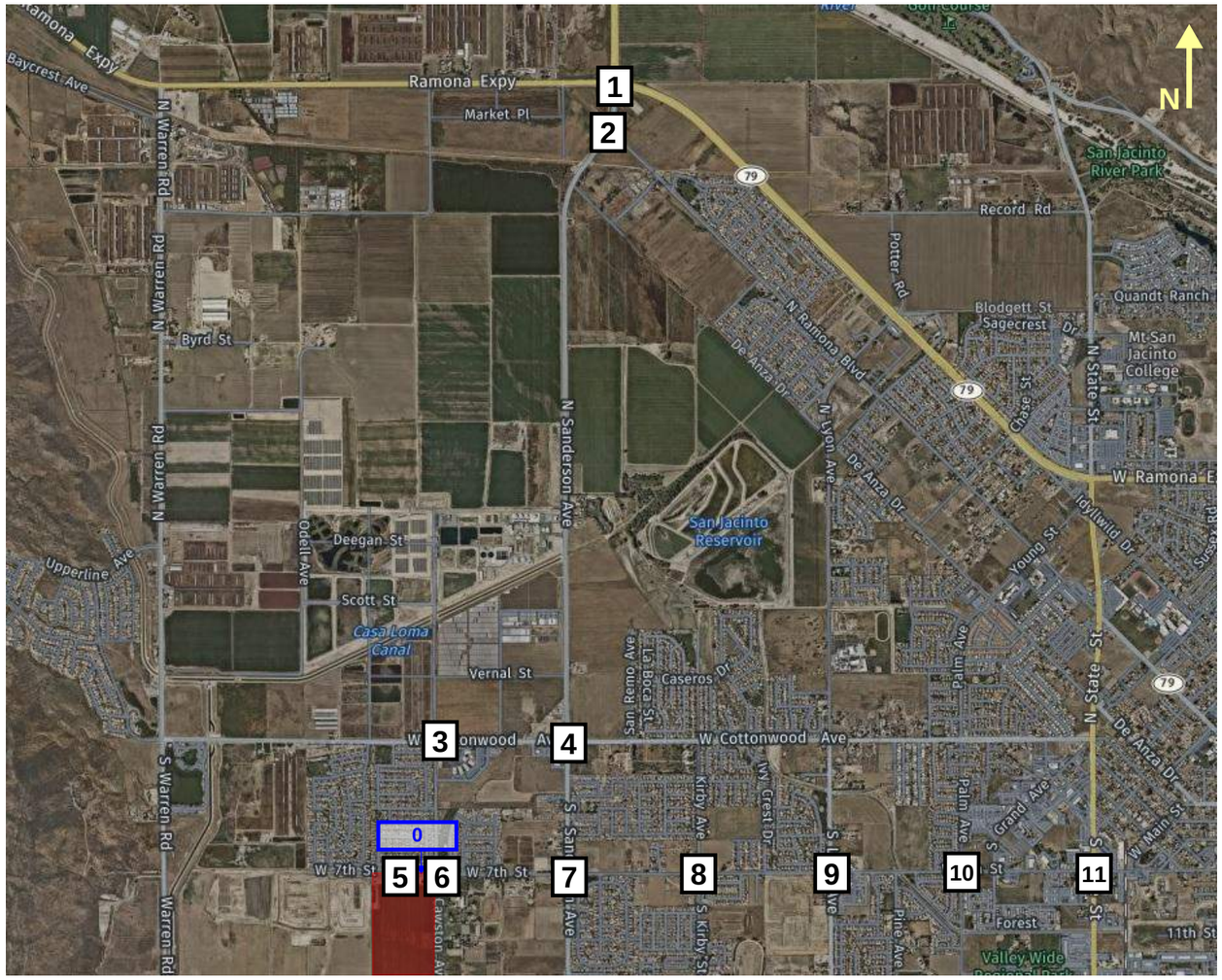
In addition to the related projects, a 1% ambient growth rate was applied to all study intersections to account for other growth which may occur. The total background opening year traffic volumes combine the ambient growth and the growth due to related projects. Figure 11 shows the total background opening year traffic volumes.

Table 4. Related Project Information

Project No.	Name	Type	Size	Units
1	Esplanade Specific Plan	Single Family Residential	622	Units
2	Dollar Tree	Retail	10,050	SF
3	Monte Vista	Single Family Residential	36	Units
4	Rancho Estudillo Plaza (phase 2)	Commercial	291,416	SF
5	Ashford Pointe	Single Family Residential	89	Units
6	Rancho Madrina TR32247	Single Family Residential	150	Units
7	Rancho de Alamo (TTM 37881)	Single Family Residential	191	Units
8	TS Farms	Cannabis	60.53	Acres
9	SoCal Innovative/Kommon Farms	Cannabis	2.70	Acres
10	TTM38339	Single Family Residential	76	Units

Figure 9. Related Project Locations

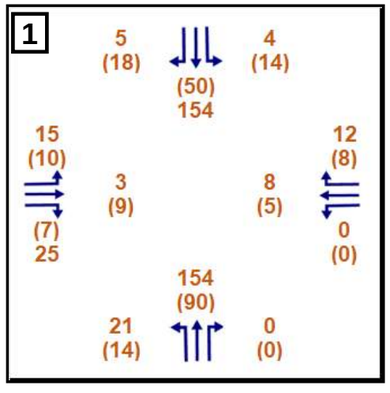




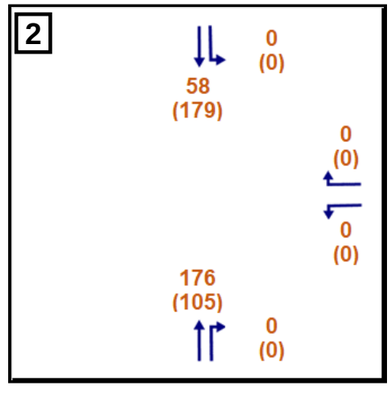
LEGEND

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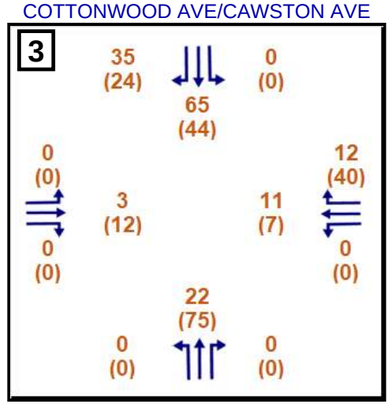
RAMONA EXPY/SANDERSON AVE



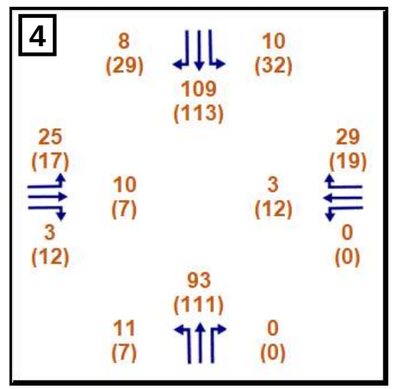
RAMONA BLVD/SANDERSON AVE



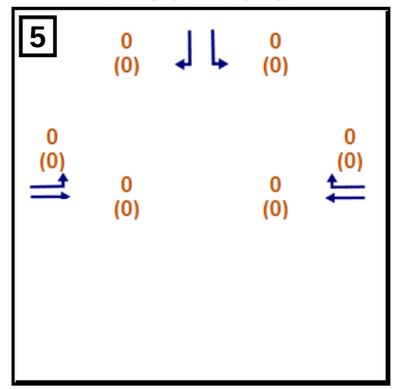
COTTONWOOD AVE/CAWSTON AVE



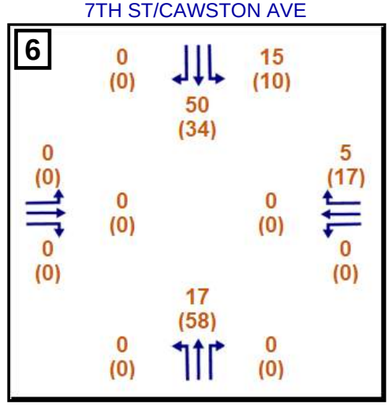
COTTONWOOD AVE/SANDERSON AVE



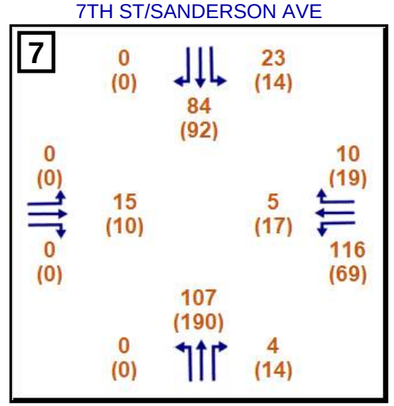
7TH ST/KARPICK ST



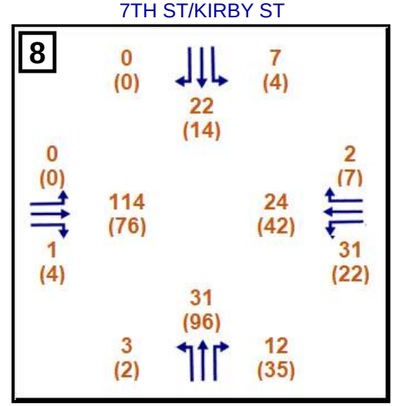
7TH ST/CAWSTON AVE



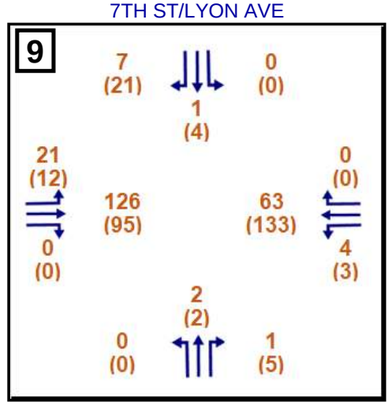
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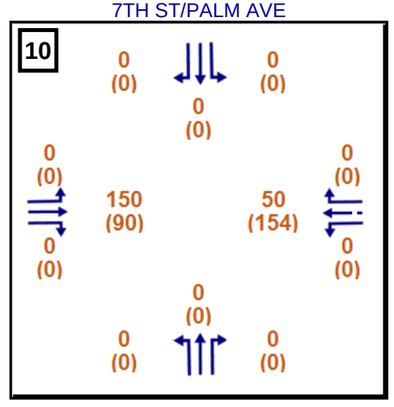
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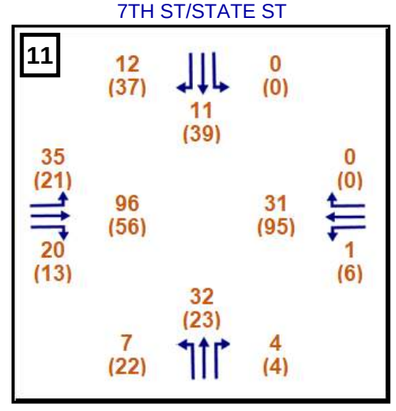
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7TH ST/PALM AVE



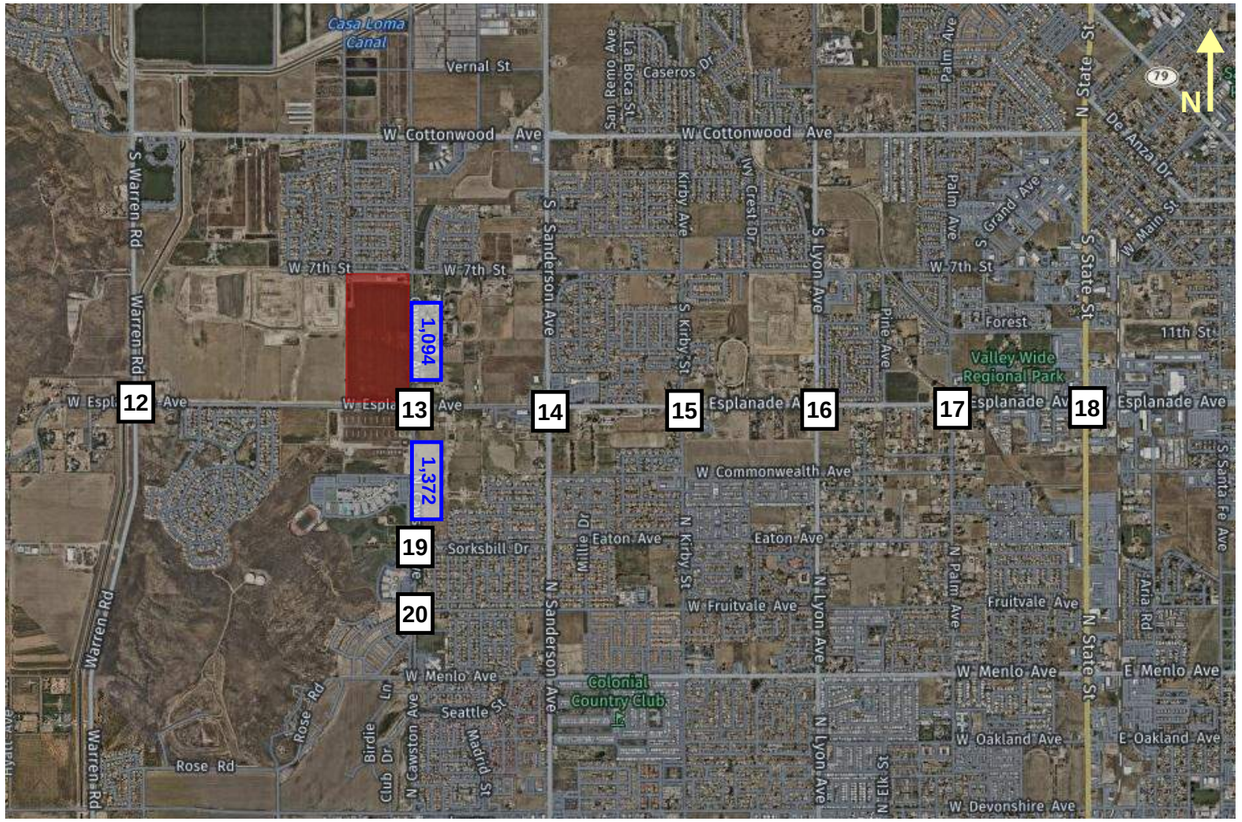
7TH ST/STATE ST



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Figure 10.
Related Project Traffic Volumes, Intersections 1-11

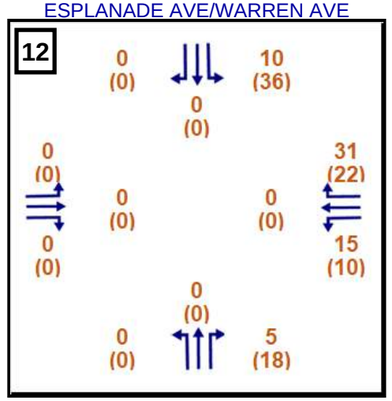
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March 2024



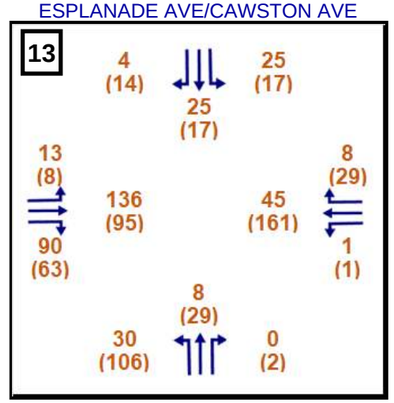
LEGEND

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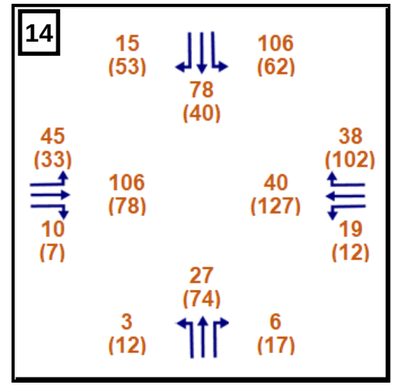
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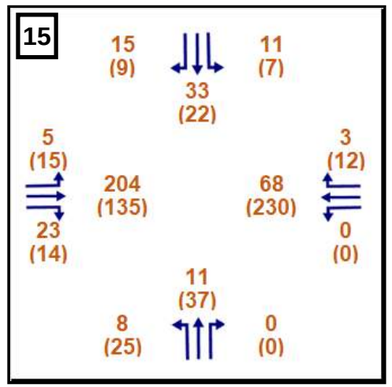
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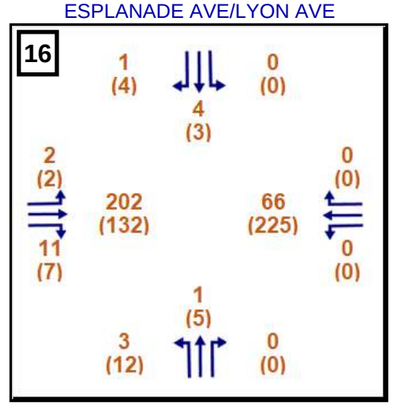
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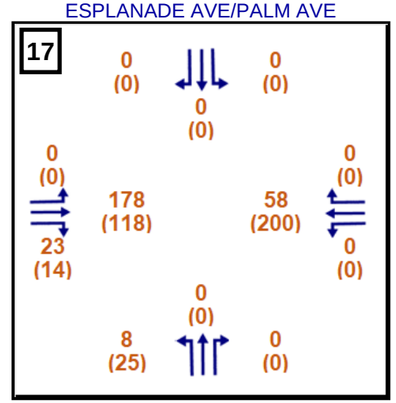
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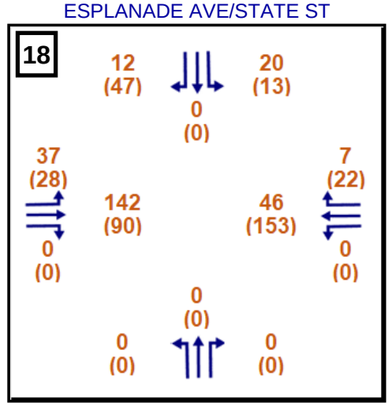
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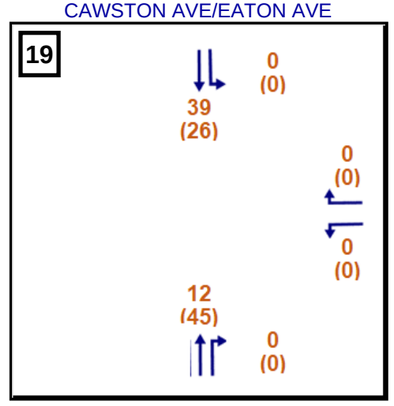
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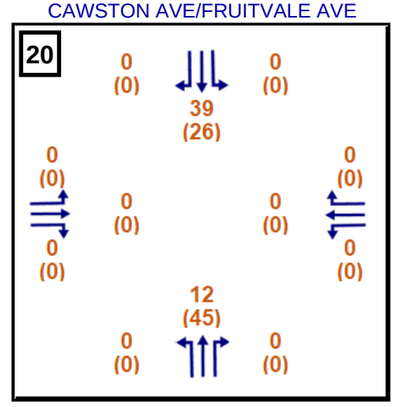
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CAWSTON AVE/EATON AVE



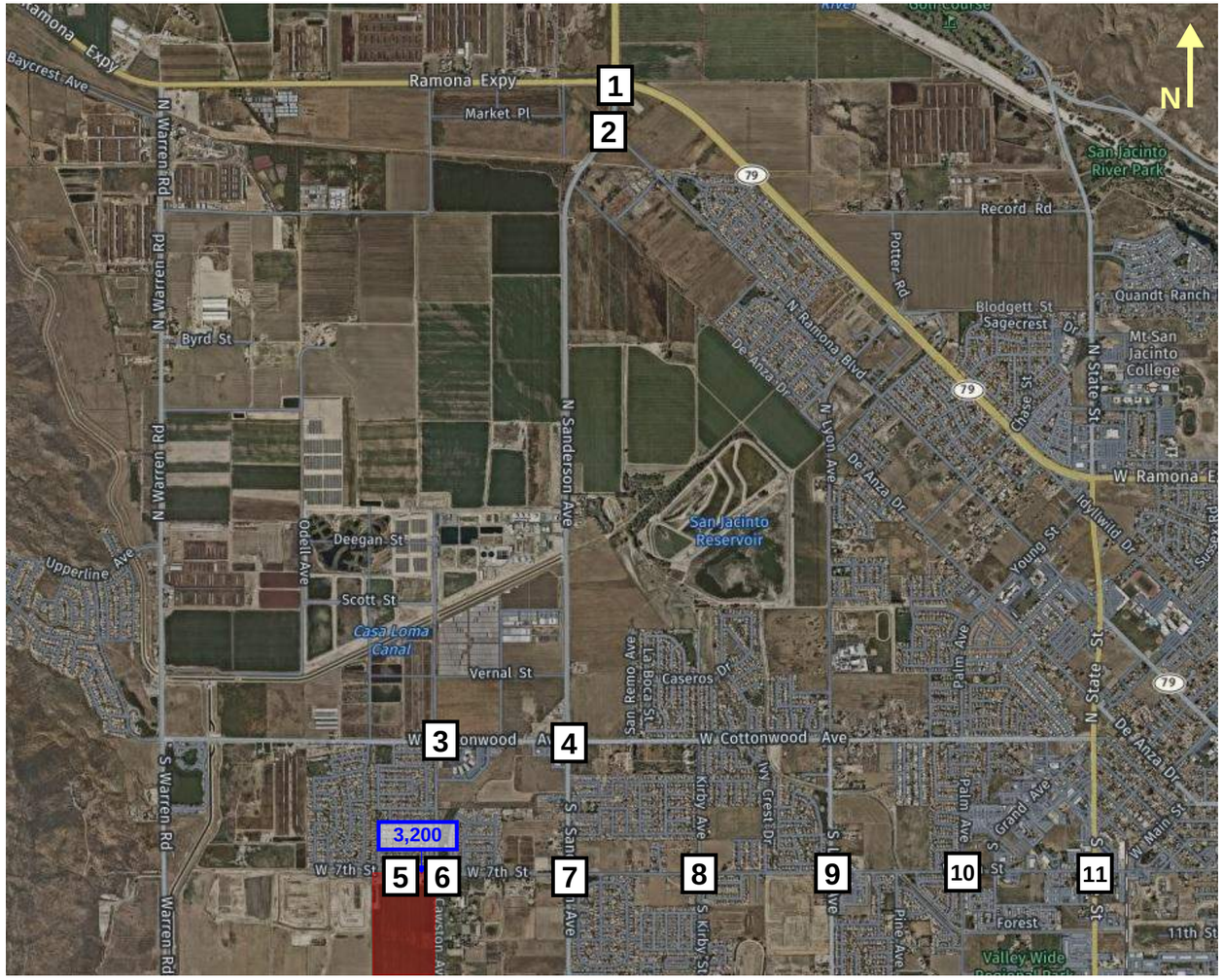
CAWSTON AVE/FRUITVALE AVE



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Figure 10 cont'd.
Related Project Traffic Volumes, Intersections 12-20

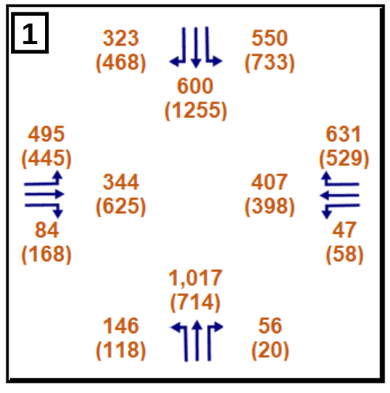
PSOMAS
March 2024



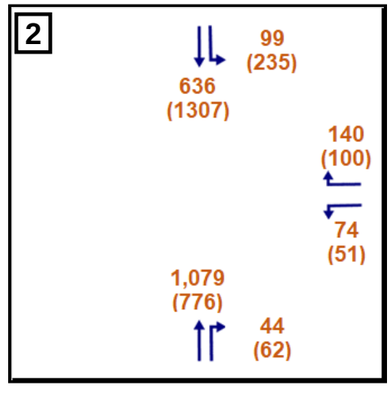
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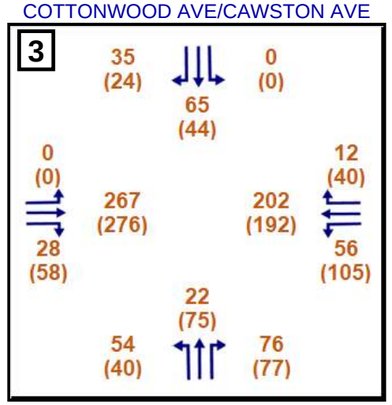
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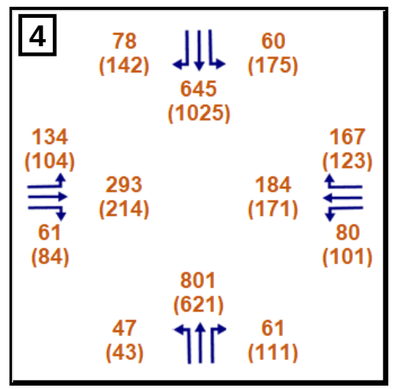
RAMONA BLVD/SANDERSON AVE



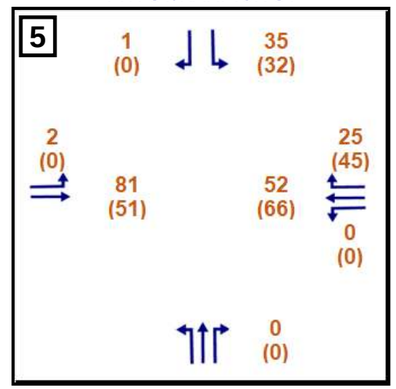
COTTONWOOD AVE/CAWSTON AVE



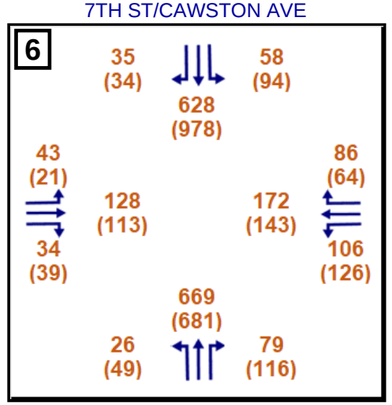
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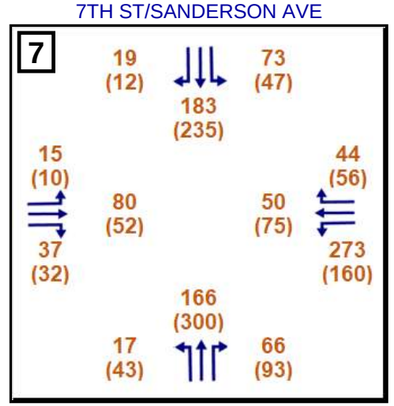
7TH ST/KARPICK ST



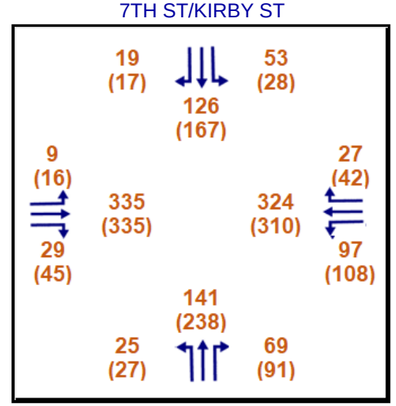
7TH ST/CAWSTON AVE



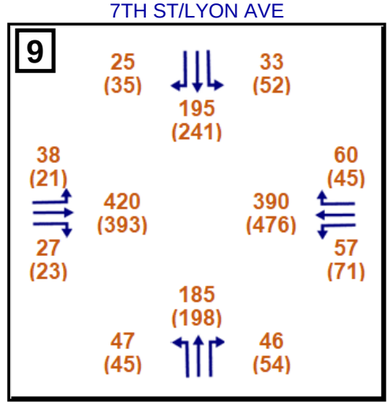
7TH ST/SANDERSON AVE



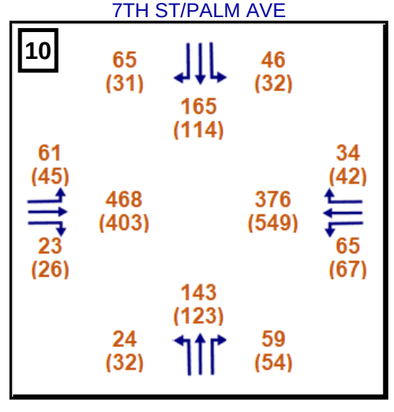
7TH ST/KIRBY ST



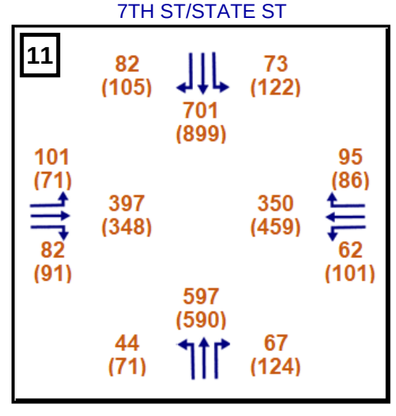
7TH ST/LYON AVE



7TH ST/PALM AVE



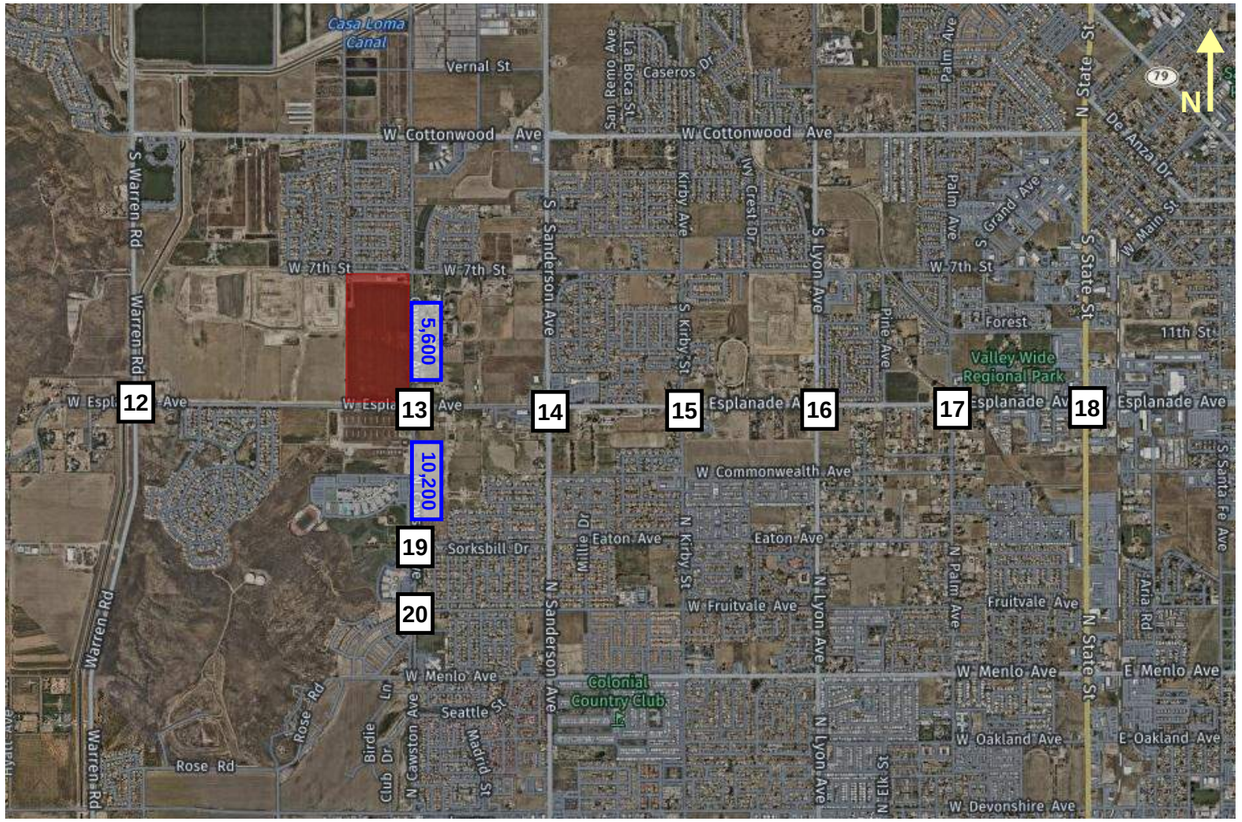
7TH ST/STATE ST



Chacon Farms
Transportation Impact Study

Figure 11.
No Project Traffic Volumes, Intersections 1-11

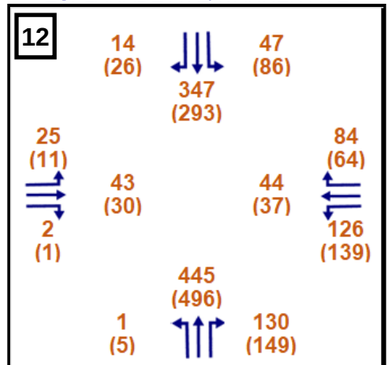
PSOMAS
March 2024



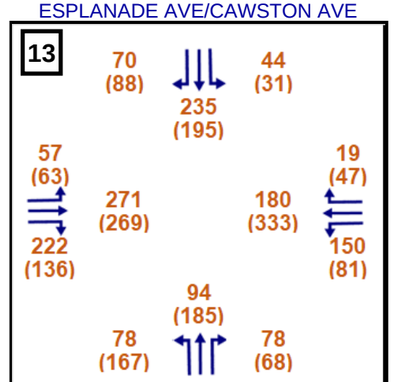
LEGEND

- XX — Intersection Number
- XX — AM Peak Hour Traffic Volume (veh/hr)
- (XX) — PM Peak Hour Traffic Volume (veh/hr)
- XX,XXX — Segment Daily Traffic Volume (pc/day)
- Chacon Farms Project Area

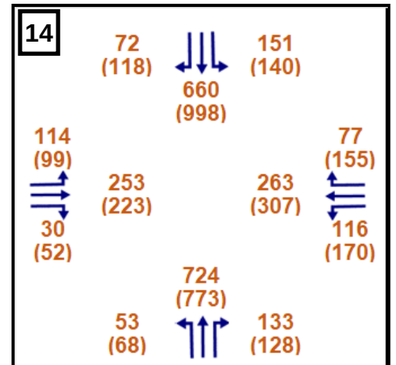
ESPLANADE AVE/WARREN AVE



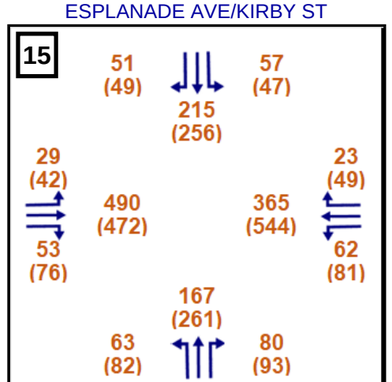
ESPLANADE AVE/CAWSTON AVE



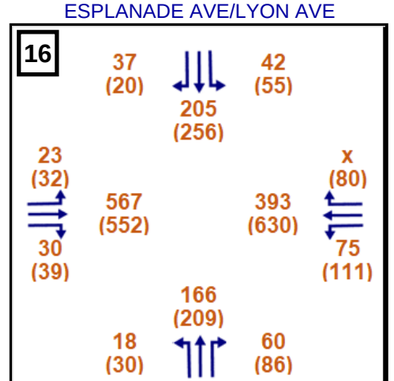
ESPLANADE AVE/SANDERSON AVE



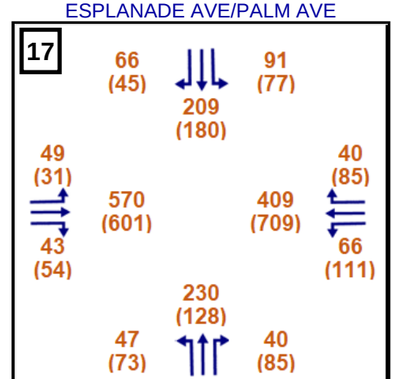
ESPLANADE AVE/KIRBY ST



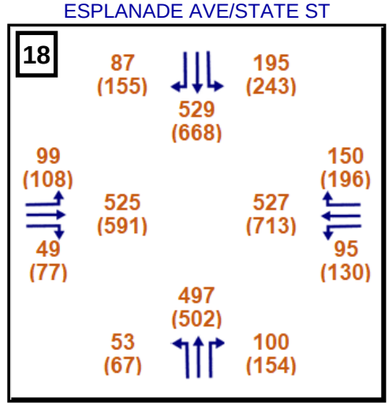
ESPLANADE AVE/LYON AVE



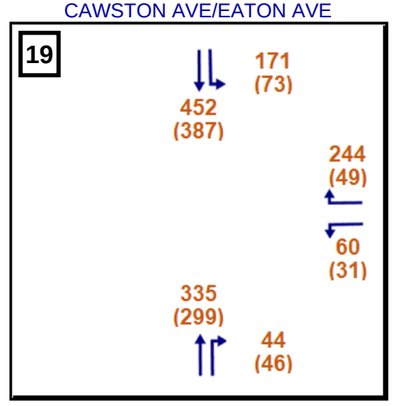
ESPLANADE AVE/PALM AVE



ESPLANADE AVE/STATE ST



CAWSTON AVE/EATON AVE



CAWSTON AVE/FRUITVALE AVE

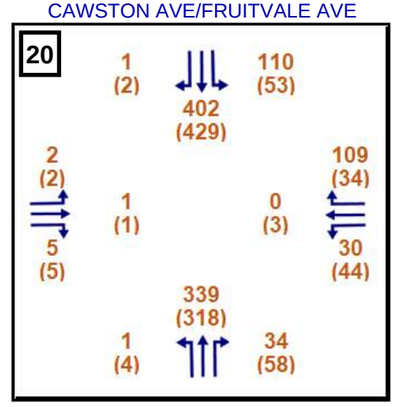


Figure 11 cont'd.
No Project Traffic Volumes, Intersections 12-20

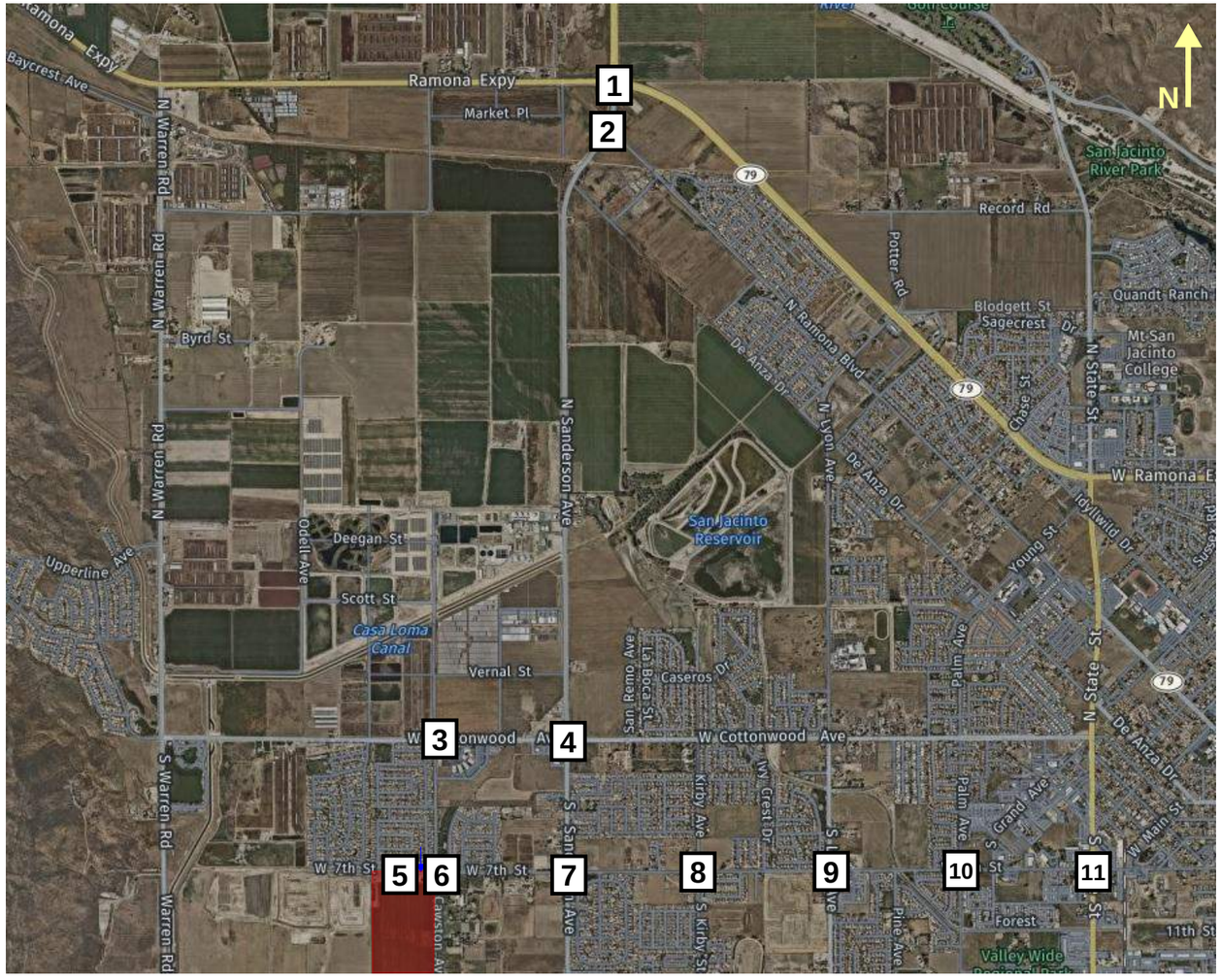
6.1.4. Background Opening Year Traffic Operations

For opening year conditions, it was assumed that Esplanade Avenue would be a four-lane roadway between Warren Road and Cawston Avenue and that the intersection of Esplanade Avenue and Cawston Avenue would be signalized. Figure 12 shows the results of the LOS analysis for opening year conditions without the project and the *SimTraffic* reports are included in Appendix D.

As seen in the figure, most of the study intersections will continue to operate acceptably. The exceptions are as follows:

- Ramona Expressway/Sanderson Avenue – LOS E in the AM peak hour
- 7th Street/Lyon Avenue – LOS F in the PM peak hour
- Esplanade Avenue/Kirby Street – LOS F in both peak hours
- Esplanade Avenue/Lyon Avenue – LOS F in the PM peak hour due to queuing at the Esplanade Avenue/Kirby Street intersection

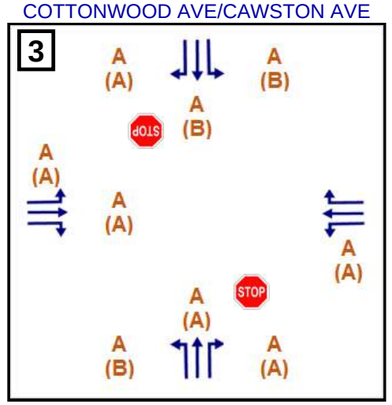
The three roadway study segments will continue to operate well below capacity in the opening year without the project.



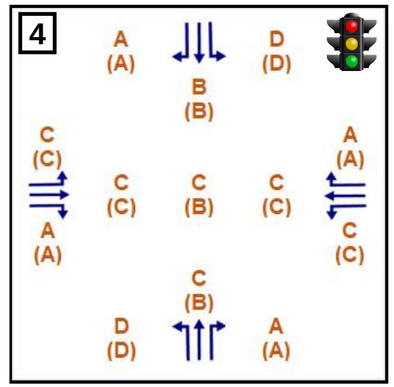
LEGEND

- XX — Intersection Number
- XX — AM Peak Hour Level of Service (LOS)
- (XX) — PM Peak Hour Level of Service (LOS)
- Chacon Farms Project Area

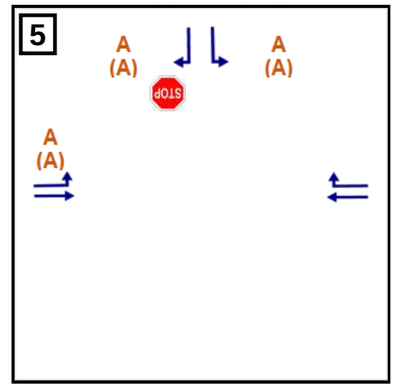
COTTONWOOD AVE/CAWSTON AVE



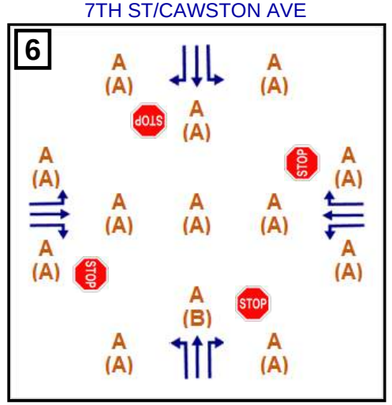
COTTONWOOD AVE/SANDERSON AVE



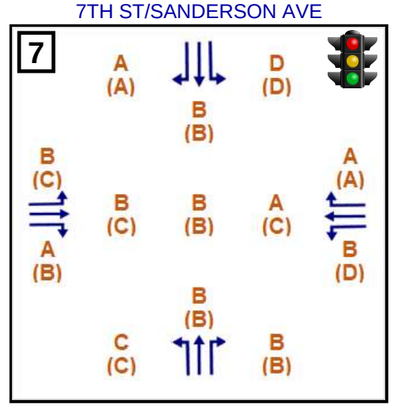
7TH ST/KARPICK ST



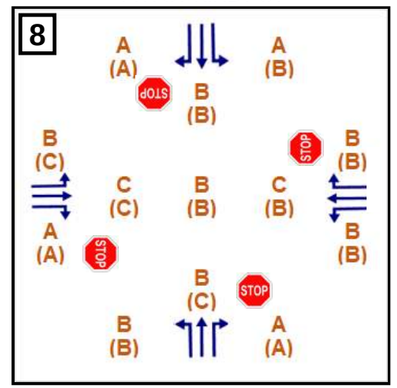
7TH ST/CAWSTON AVE



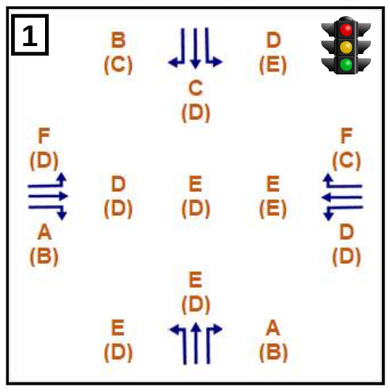
7TH ST/SANDERSON AVE



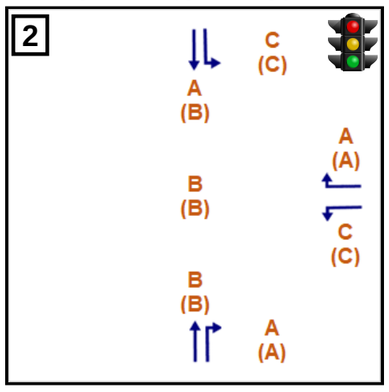
7TH ST/KIRBY ST



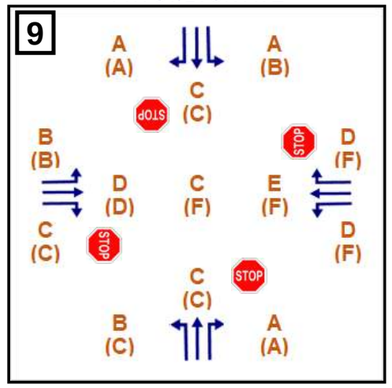
RAMONA EXPY/SANDERSON AVE



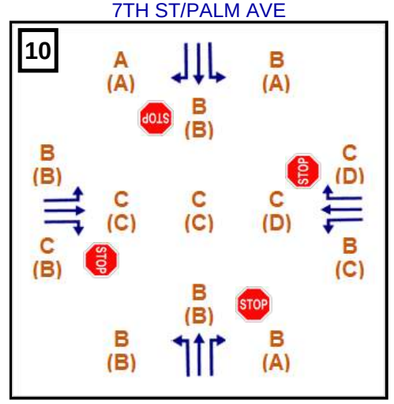
RAMONA BLVD/SANDERSON AVE



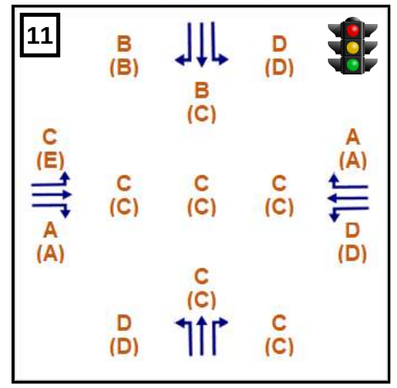
7TH ST/LYON AVE



7TH ST/PALM AVE



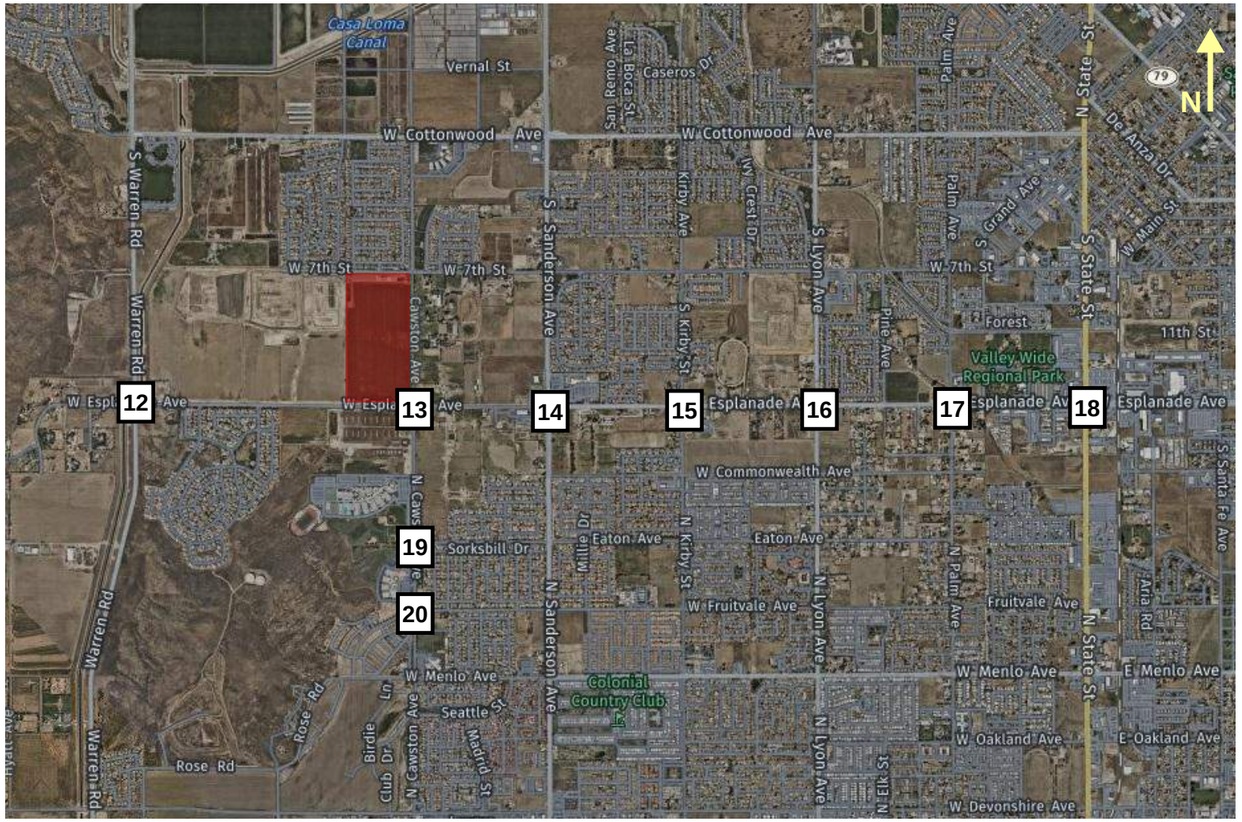
7TH ST/STATE ST



Chacon Farms
Transportation Impact Study

Figure 12.
Opening Year Without Project Level of Service (LOS), Intersections 1-11

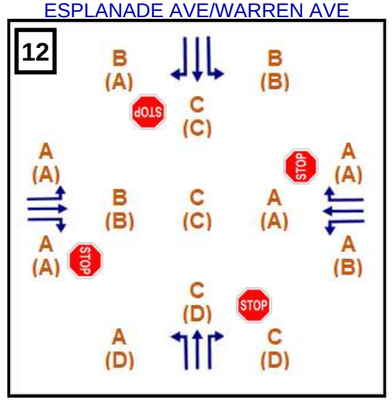
PSOMAS
March 2024



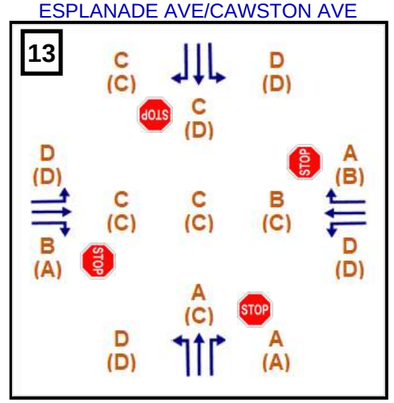
LEGEND

- XX — Intersection Number
- XX — AM Peak Hour Level of Service (LOS)
- (XX) — PM Peak Hour Level of Service (LOS)
- Chacon Farms Project Area

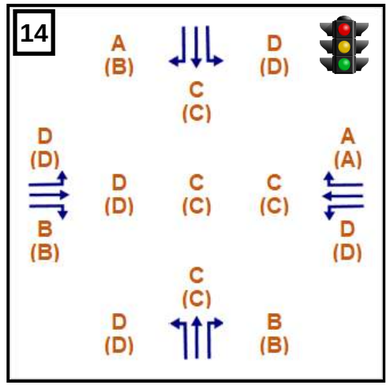
ESPLANADE AVE/WARREN AVE



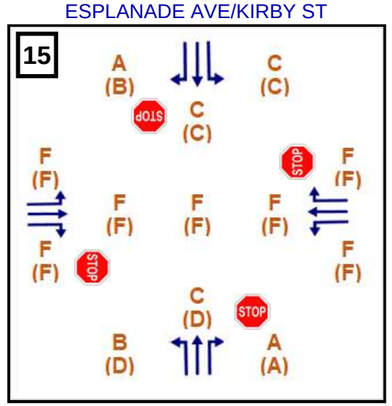
ESPLANADE AVE/CAWSTON AVE



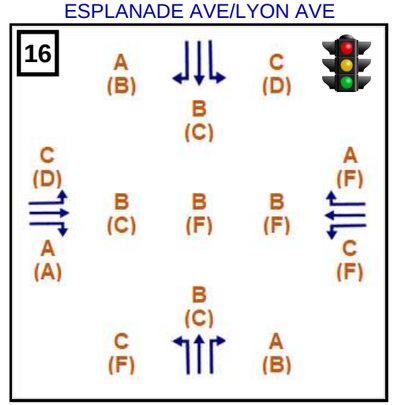
ESPLANADE AVE/SANDERSON AVE



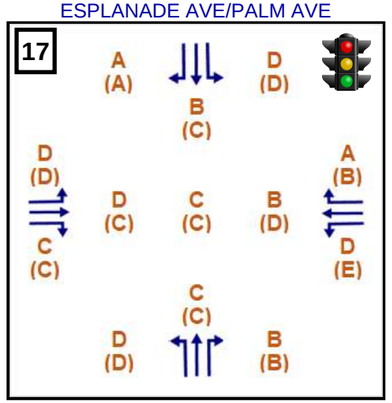
ESPLANADE AVE/KIRBY ST



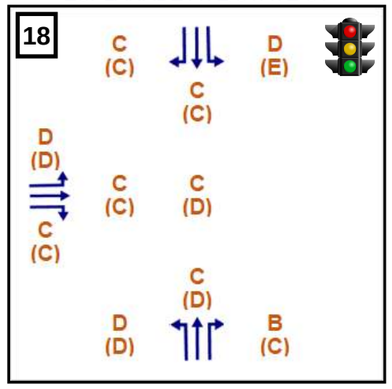
ESPLANADE AVE/LYON AVE



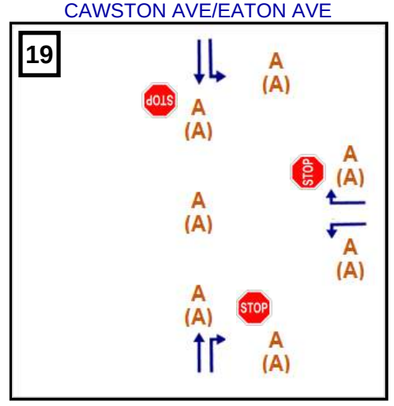
ESPLANADE AVE/PALM AVE



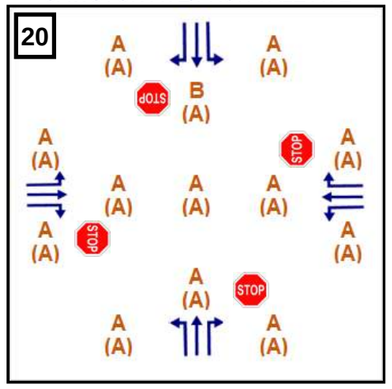
ESPLANADE AVE/STATE ST



CAWSTON AVE/EATON AVE



CAWSTON AVE/FRUITVALE AVE



Chacon Farms
Transportation Impact Study

Figure 12 cont'd.
Opening Year Without Project Level of Service (LOS), Intersections 12-20

PSOMAS
March 2024

6.2. PLUS PROJECT ANALYSIS

6.2.1. Total Opening Year Traffic Volumes

The project volumes (Figure 8) were added to the total background opening year volumes (Figure 11) to get the total opening year volumes with the project, shown in Figure 13.

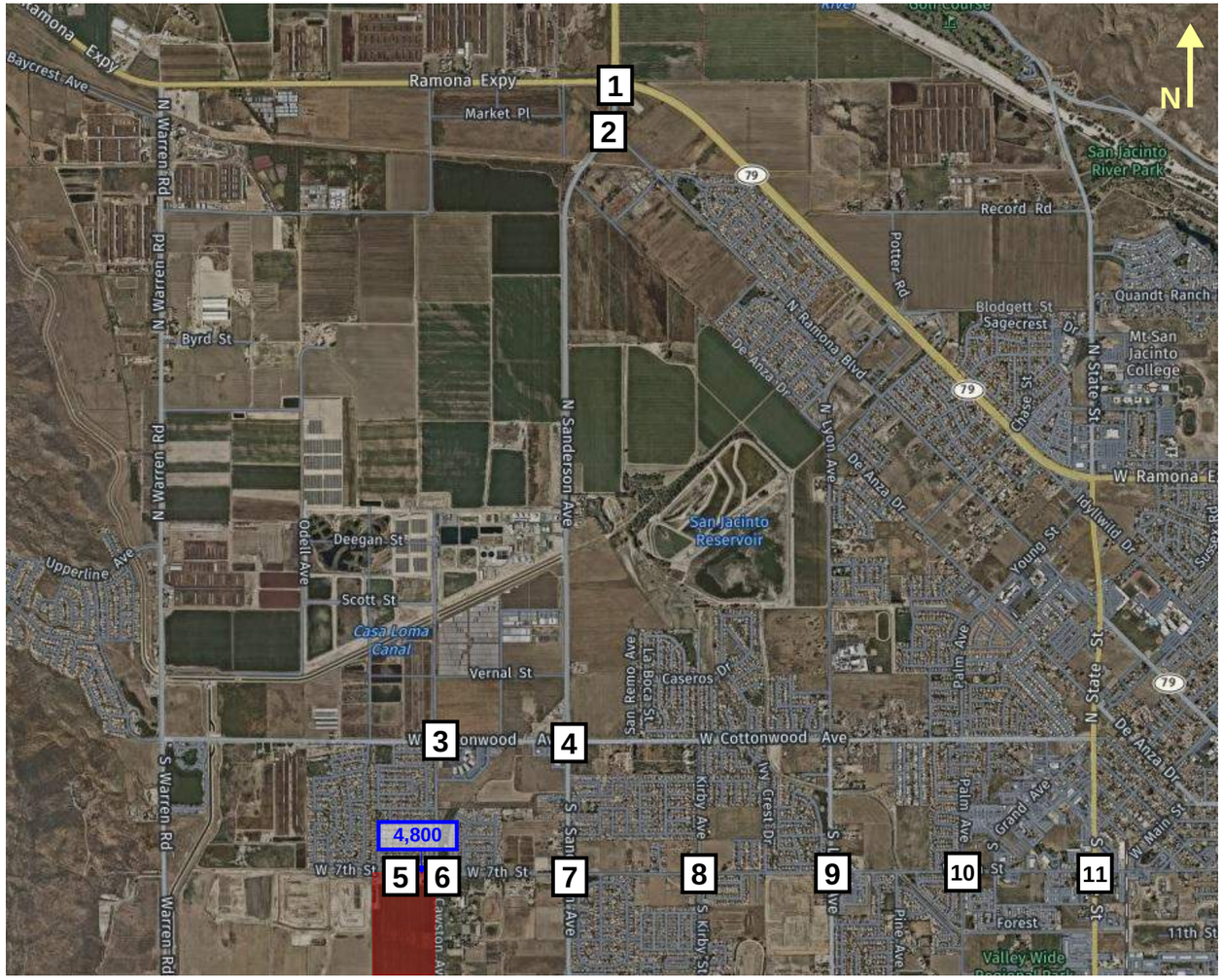
6.2.2. Total Opening Year Traffic Operations

Figure 14 shows the intersection LOS in the opening year with the project, and the *SimTraffic* reports are included in Appendix E. As seen in the figure, most of the study intersections will continue to operate acceptably with the addition of project traffic. The exceptions are as follows:

- Ramona Expressway/Sanderson Avenue – LOS E in the AM peak hour (same as without project)
- 7th Street/Lyon Avenue – LOS E in the AM peak hour (new) and LOS F in the PM peak hour (same as without project)
- Esplanade Avenue/Kirby Street – LOS F in both peak hours (same as without project)
- Esplanade Avenue/Lyon Avenue – LOS F in the PM peak hour due to queuing at the Esplanade Avenue/Kirby Street intersection (same as without project)

In addition, all movements at the new project driveways will operate at LOS B or better in both peak hours with stop control on the driveways. Traffic is assumed to be free flowing on Cawston Avenue, Esplanade Avenue, and 7th Street.

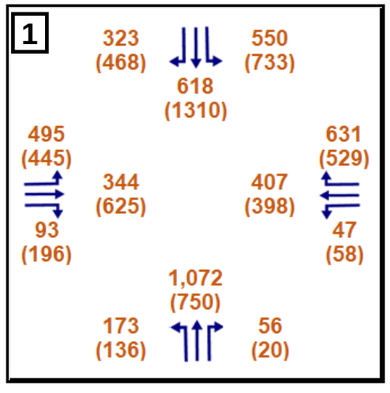
Finally, the roadway study segments will continue to operate well below the available capacity.



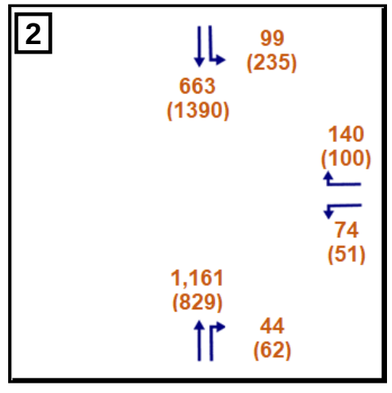
LEGEND

- XX — Intersection Number
- XX — AM Peak Hour Traffic Volume (veh/hr)
- (XX) — PM Peak Hour Traffic Volume (veh/hr)
- XX,XXX — Segment Daily Traffic Volume (pc/day)
- Chacon Farms Project Area

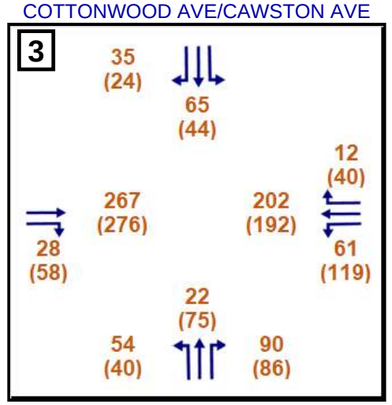
RAMONA EXPY/SANDERSON AVE



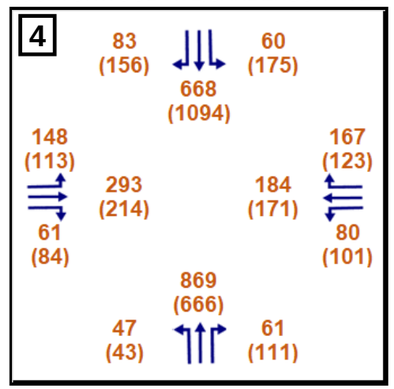
RAMONA BLVD/SANDERSON AVE



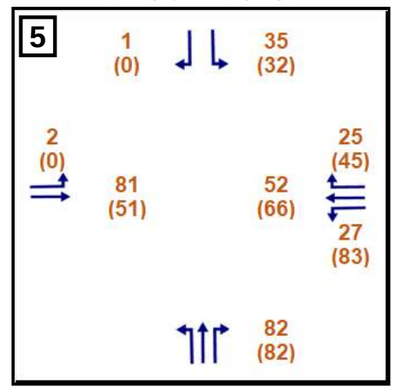
COTTONWOOD AVE/CAWSTON AVE



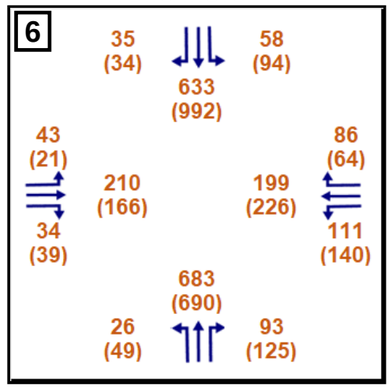
COTTONWOOD AVE/SANDERSON AVE



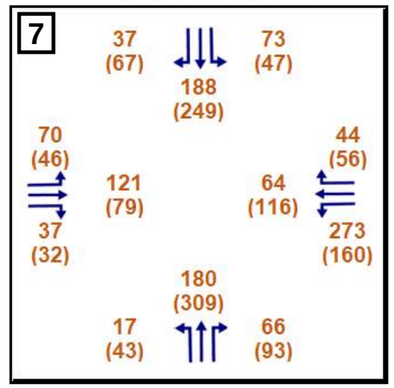
7TH ST/KARPICK ST



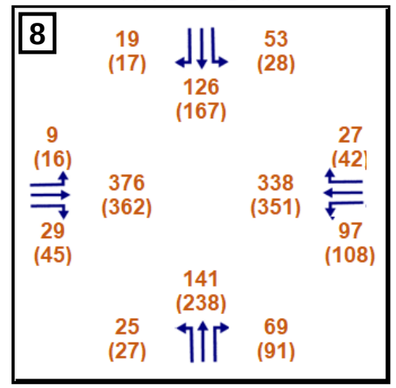
7TH ST/CAWSTON AVE



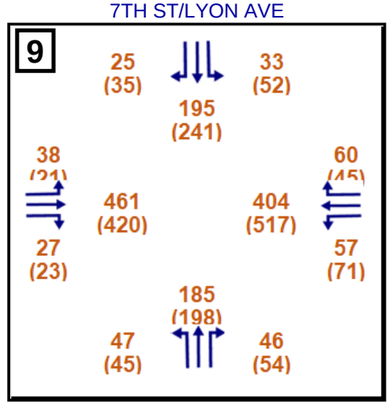
7TH ST/SANDERSON AVE



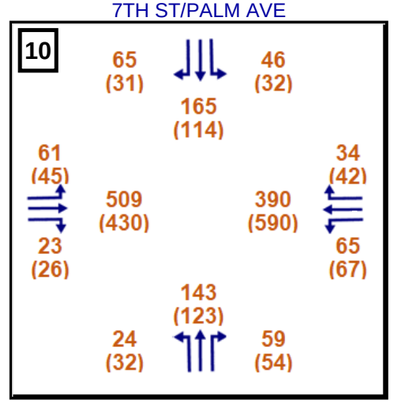
7TH ST/KIRBY ST



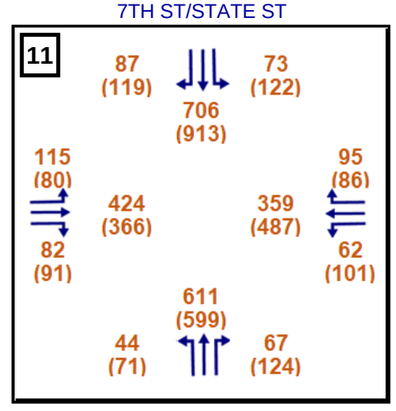
7TH ST/LYON AVE



7TH ST/PALM AVE



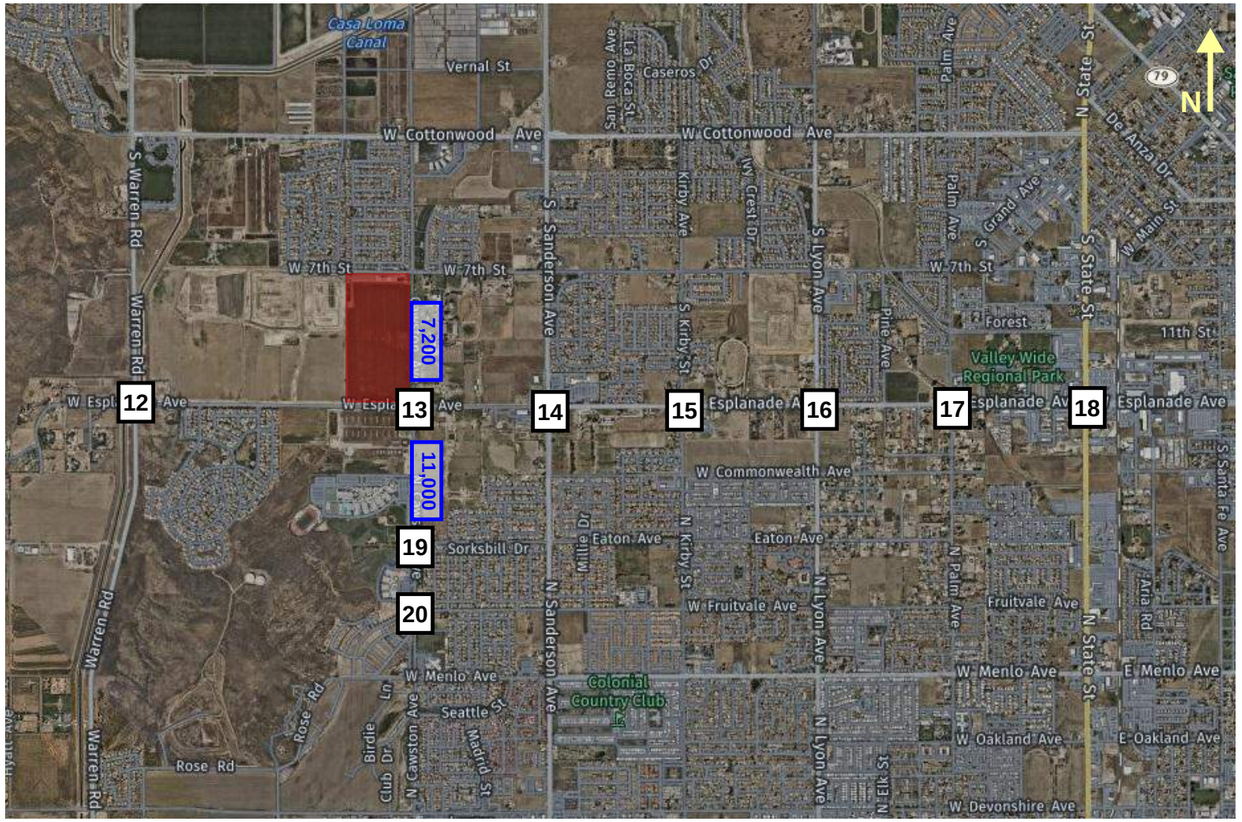
7TH ST/STATE ST



Chacon Farms
Transportation Impact Study

Figure 13.
Opening Year Plus Project Traffic Volumes, Intersections 1-11

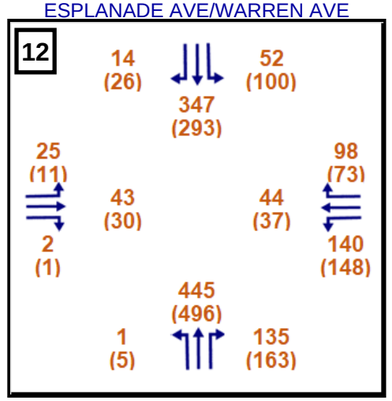
PSOMAS
March 2024



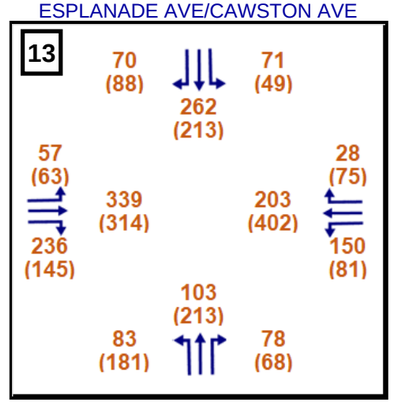
LEGEND

- XX — Intersection Number
- XX — AM Peak Hour Traffic Volume (veh/hr)
- (XX) — PM Peak Hour Traffic Volume (veh/hr)
- XX,XXX — Segment Daily Traffic Volume (pc/day)
- Chacon Farms Project Area

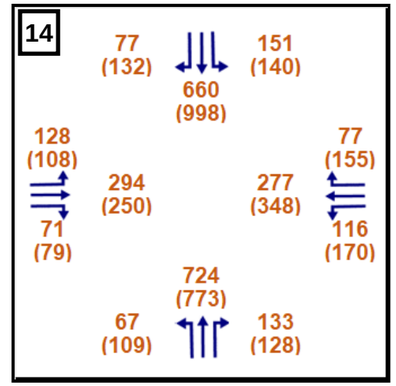
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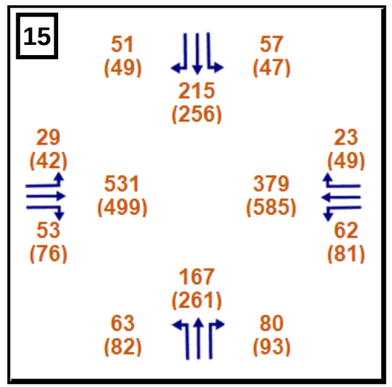
ESPLANADE AVE/CAWSTON AVE



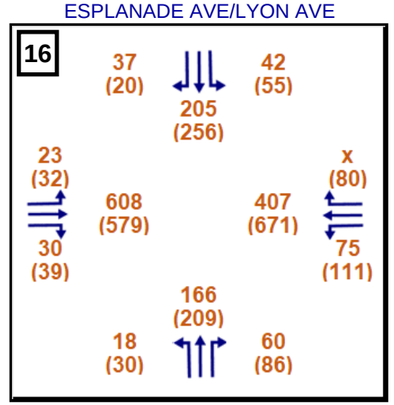
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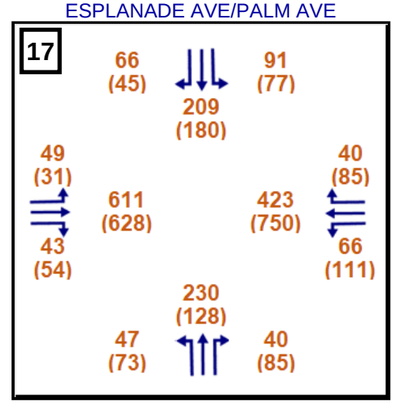
ESPLANADE AVE/KIRBY ST



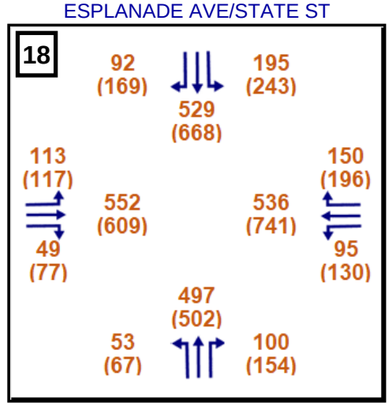
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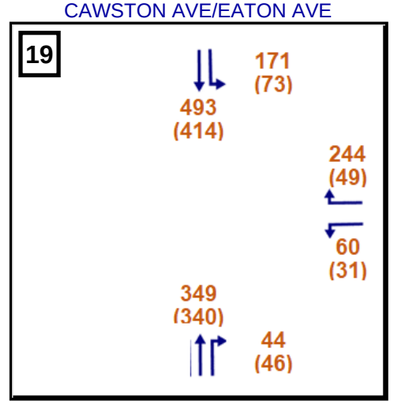
ESPLANADE AVE/PALM AVE



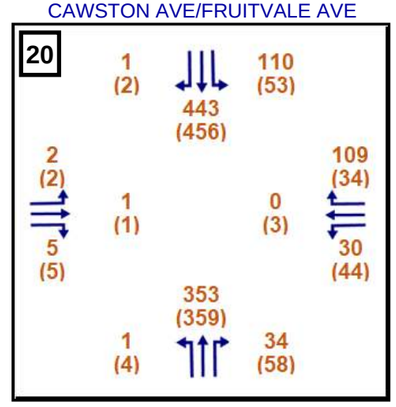
ESPLANADE AVE/STATE ST



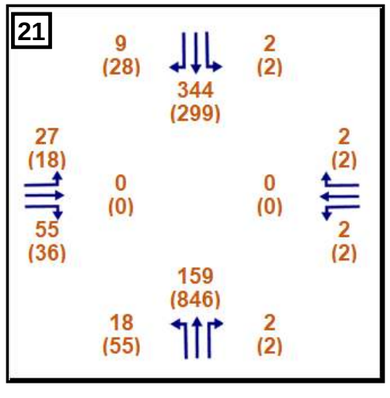
CAWSTON AVE/EATON AVE



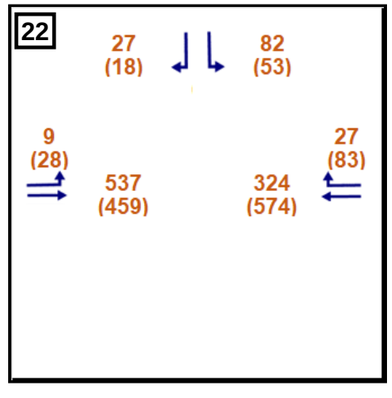
CAWSTON AVE/FRUITVALE AVE

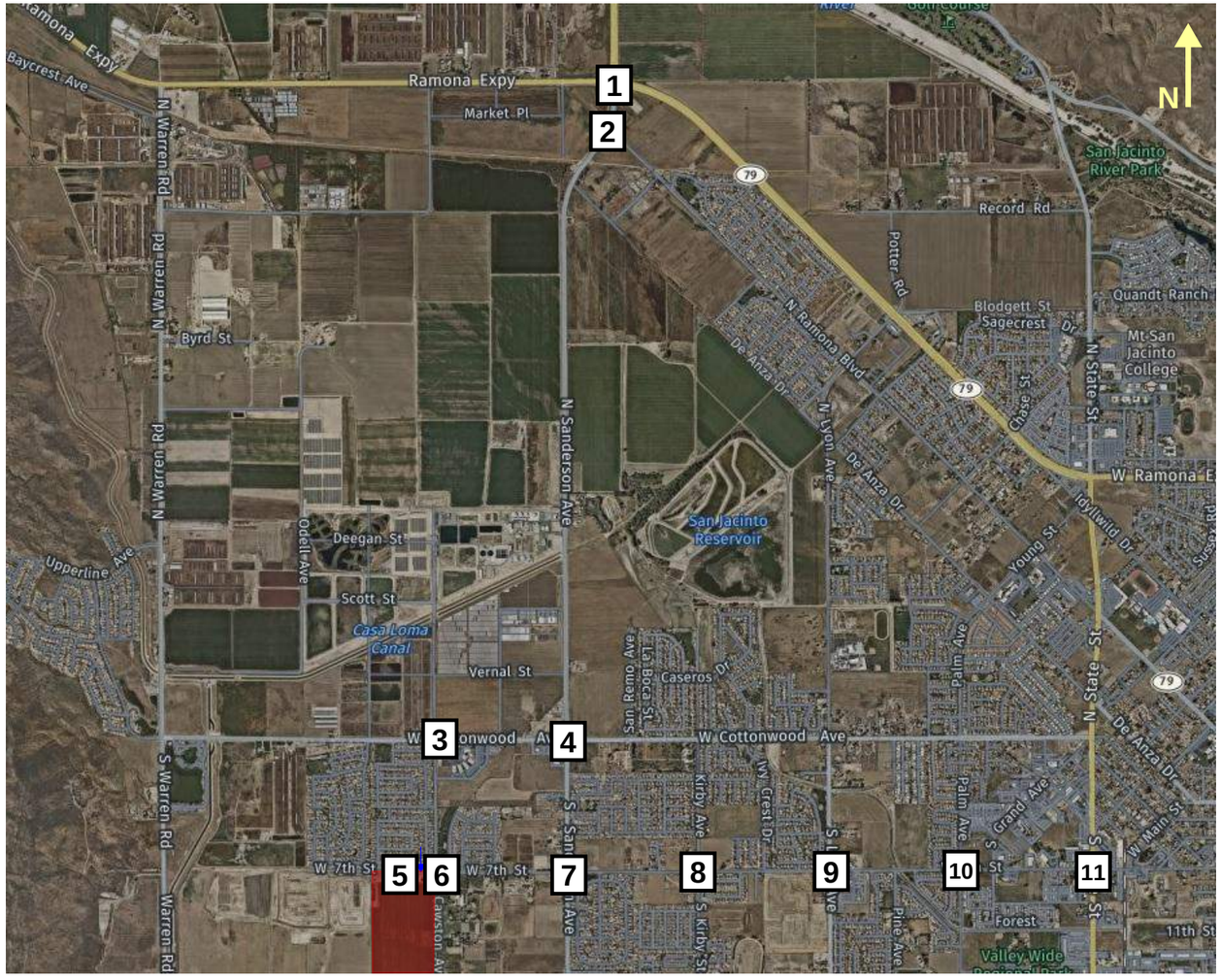


CAWSTON AVE/EAST DRIVEWAY



ESPLANADE AVE/SOUTH DRIVEWAY

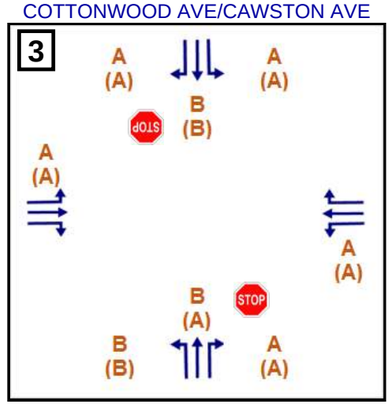




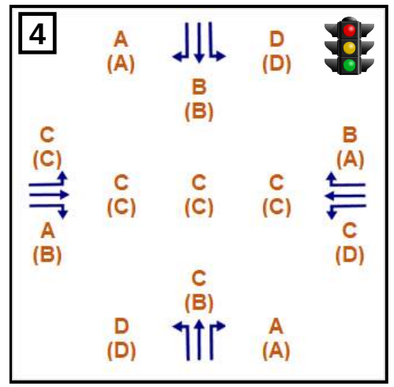
LEGEND

- XX — Intersection Number
- XX — AM Peak Hour Level of Service (LOS)
- (XX) — PM Peak Hour Level of Service (LOS)
- Chacon Farms Project Area

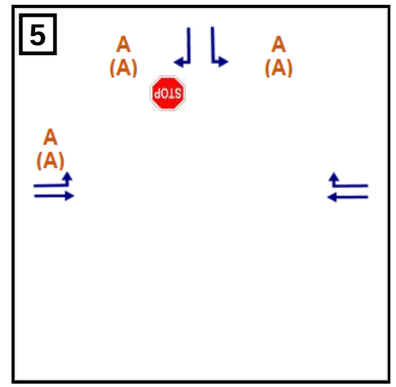
COTTONWOOD AVE/CAWSTON AVE



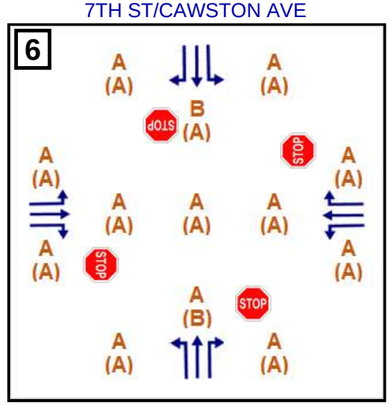
COTTONWOOD AVE/SANDERSON AVE



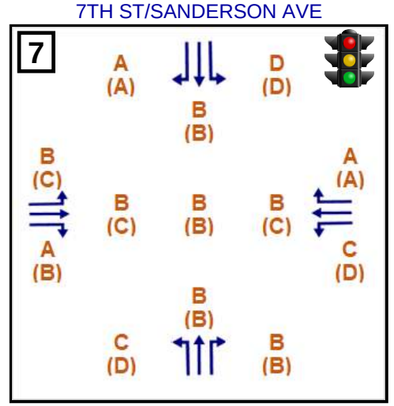
7TH ST/KARPICK ST



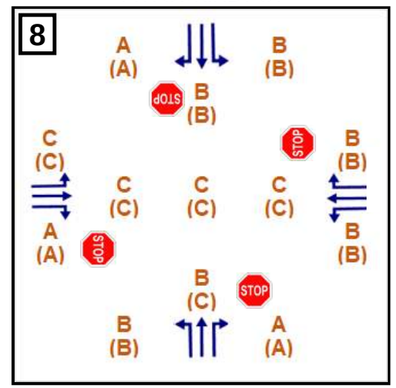
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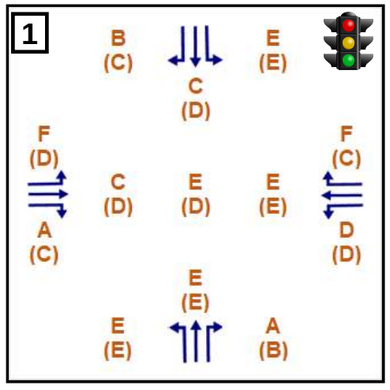
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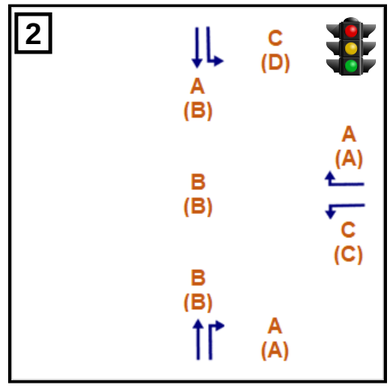
7TH ST/KIRBY ST



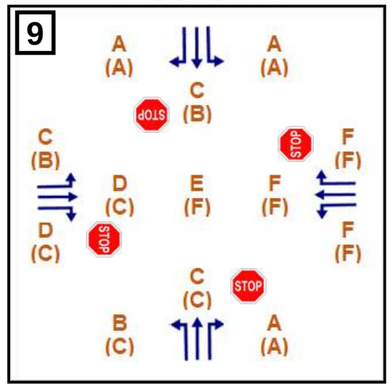
RAMONA EXPY/SANDERSON AVE



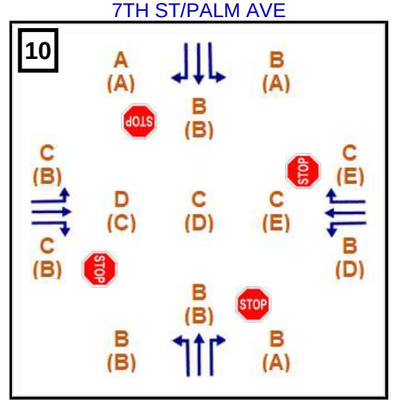
RAMONA BLVD/SANDERSON AVE



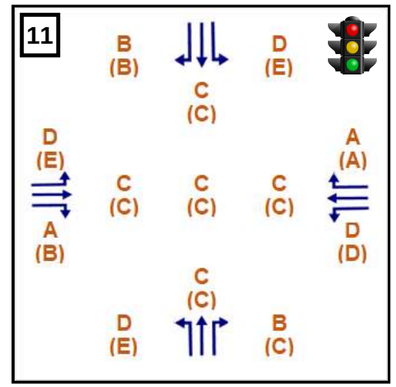
7TH ST/LYON AVE



7TH ST/PALM AVE



7TH ST/STATE ST



Chacon Farms
Transportation Impact Study

Figure 14.
Opening Year Plus Project Level of Service (LOS), Intersections 1-11

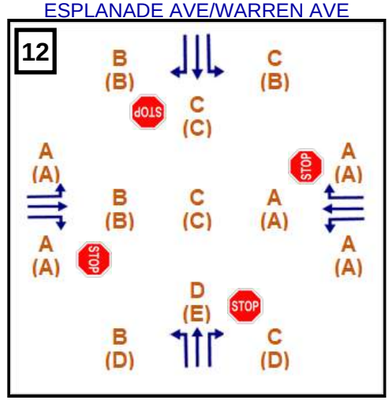
PSOMAS
March 2024



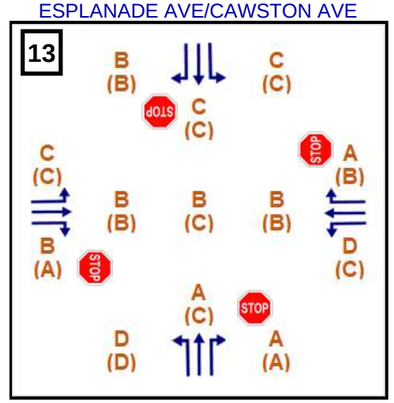
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- XX — Intersection Number
- XX — AM Peak Hour Level of Service (LOS)
- (XX) — PM Peak Hour Level of Service (LOS)
- Chacon Farms Project Area

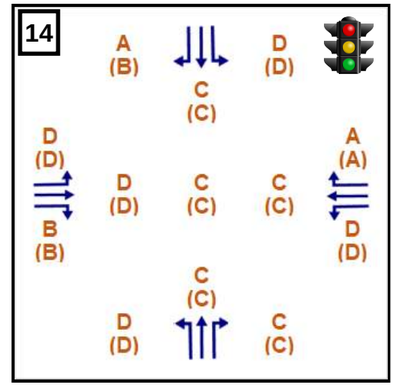
ESPLANADE AVE/WARREN AVE



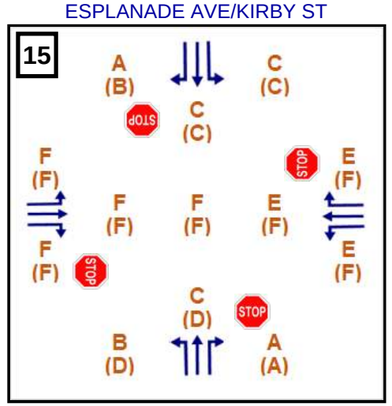
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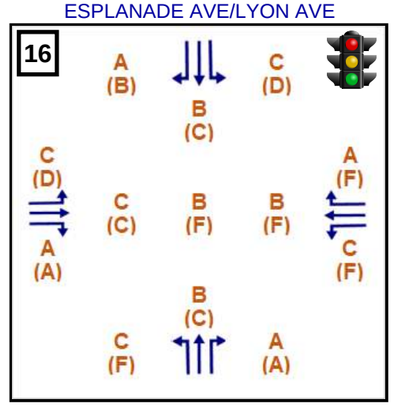
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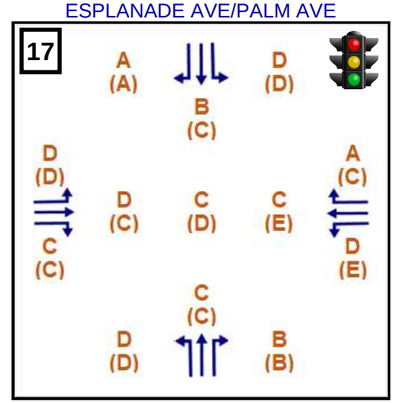
ESPLANADE AVE/KIRBY ST



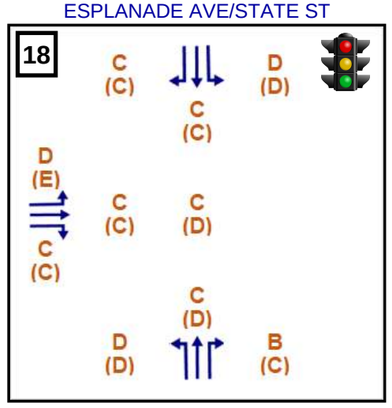
ESPLANADE AVE/LYON AVE



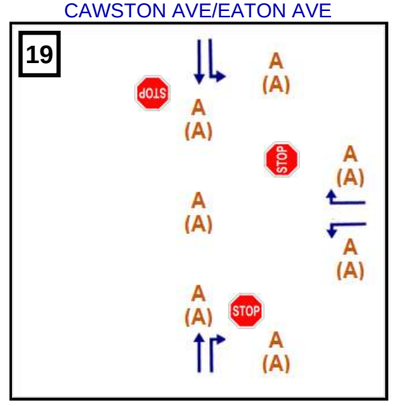
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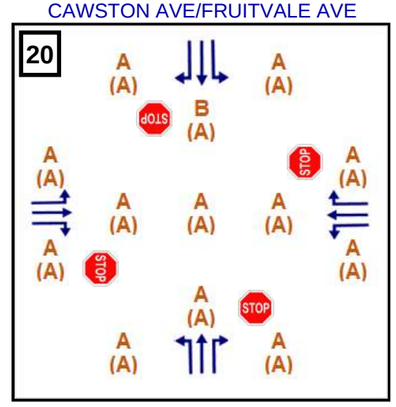
ESPLANADE AVE/STATE ST



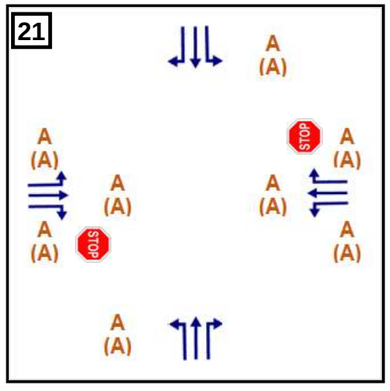
CAWSTON AVE/EATON AVE



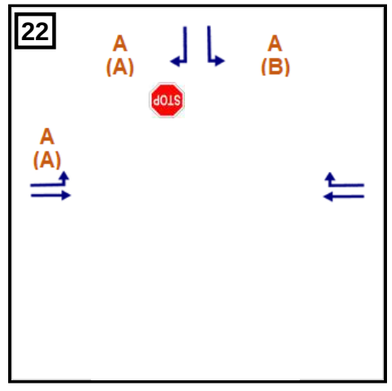
CAWSTON AVE/FRUITVALE AVE



CAWSTON AVE/EAST DRIVEWAY



ESPLANADE AVE/SOUTH DRIVEWAY



Chacon Farms
Transportation Impact Study

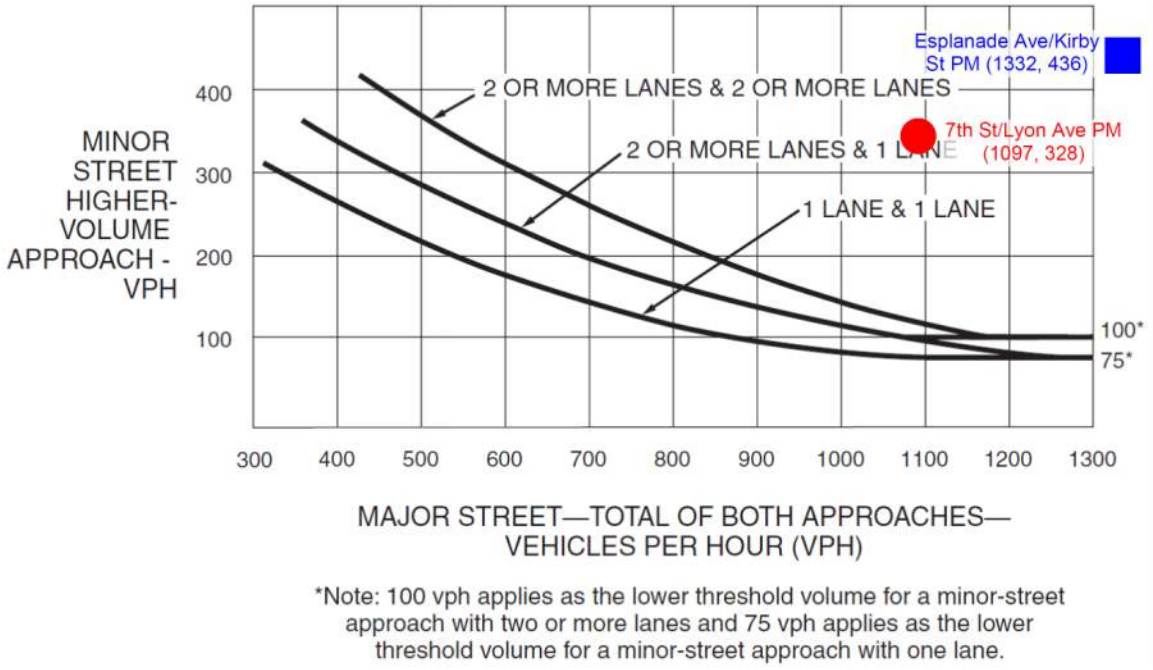
Figure 14 cont'd.
Opening Year Plus Project Level of Service (LOS), Intersections 12-20

PSOMAS
March 2024

7. TRAFFIC SIGNAL WARRANT ANALYSIS

As mentioned in the previous section, there are two all-way stop controlled intersections which are expected to fail in the opening year with or without the project. Figure 15 shows the evaluation of the peak hour signal warrant for both locations with project traffic. Because both 7th Street and Esplanade Avenue have posted speeds of 45 mph, the 70% warrant was used. As shown, both intersections are expected to meet the peak hour signal warrant.

Figure 15. Peak Hour Signal Warrant Evaluation



8. SITE ACCESS ANALYSIS

The project will have three access points; one on 7th Street to the north, one on Cawston Avenue to the east, and one on Esplanade Avenue to the south. The driveways are all expected to operate with one-way stop control on the driveway (two-way at the north driveway/Karpick Street). The access points will not be gated.

Figure x shows the sight triangles for the north, east, and south access points. The sight triangles should be maintained and considered during final design. As currently shown, there are no major existing concerns with sight visibility. Sight visibility should be verified and maintained throughout the design and construction process.

The project volumes at the north and east driveways will not reach 50 peak hour right turns, so no right turn lanes will be needed. However, it was assumed that left turn lanes would be provided at all three driveways. In addition, although the peak hour right turn volume (westbound) at the south driveway will exceed 50 vehicles, it was not assumed that a right turn lane would be provided because Esplanade Avenue will be widened to a four-lane roadway.

Sidewalks will be provided throughout the site and will connect to the existing external roadways. It is not expected that the project will include construction of sidewalk along the existing roadways; however, sidewalk should be considered with the widening of Esplanade Avenue and any future widening of 7th Street and/or Cawston Avenue. The project will not interfere with the existing or planned bicycle network.



Chacon Farms Transportation Impact Study	*Figure 16.* *Sight Triangles*	PSOMAS March 2024

9. IMPROVEMENTS AND RECOMMENDATIONS

9.1. IMPROVEMENTS AT INTERSECTIONS

As discussed in Section 6.2, the following locations will operate below an acceptable LOS in the opening year without and/or with the project as indicated.

- Ramona Expressway/Sanderson Avenue – LOS E in the AM peak hour (same as without project)
- 7th Street/Lyon Avenue – LOS E in the AM peak hour (new) and LOS F in the PM peak hour (same as without project)
- Esplanade Avenue/Kirby Street – LOS F in both peak hours
- Esplanade Avenue/Lyon Avenue – LOS F in the PM peak hour due to queuing at the Esplanade Avenue/Kirby Street intersection

Both the 7th Street/Lyon Avenue and the Esplanade Avenue/Kirby Street intersections will meet the peak hour signal warrant, so traffic signals should be installed at both locations to improve operations to an acceptable level.

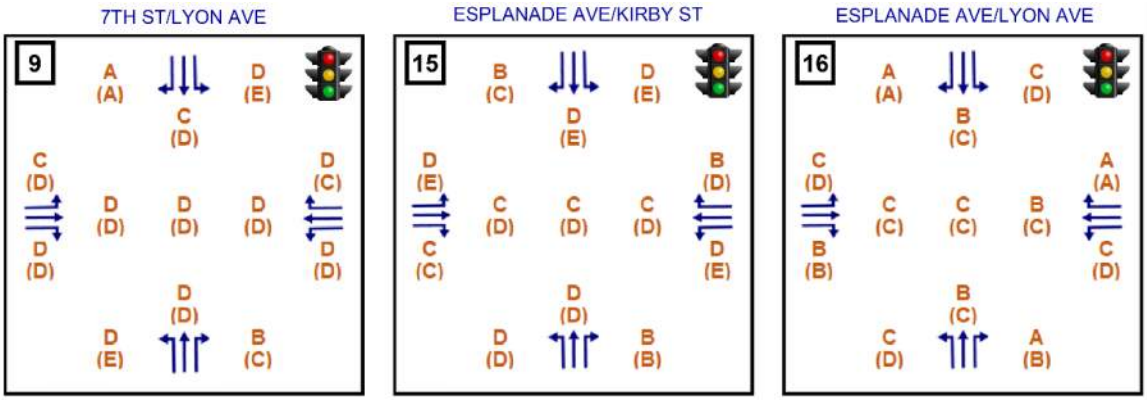
The Ramona Expressway/Sanderson Avenue intersection will operate at LOS E with 70.5 seconds of delay per vehicle in the opening year without the project and at LOS E with 71.6 seconds of delay per vehicle in the opening year with the project. Because the difference is below the threshold of 5.0 seconds, no improvements will be required.

Lastly, the intersection of Esplanade Avenue and Lyon Avenue is expected to operate acceptably with the improvement at Esplanade Avenue and Kirby Street. The LOS for the two intersections to be signalized, as well as the Esplanade Avenue/Lyon Avenue intersection, is shown in Figure 17 and the *SimTraffic* reports are included in Appendix F.

9.2. IMPROVEMENTS AT ROADWAY SEGMENTS

As discussed in Section 6.2, the study roadway segments are expected to operate efficiently in the opening year with project traffic. Therefore, there are not any required improvements to the study roadway segments.

Figure 17. Opening Year Level of Service (LOS) With Improvements



9.3. FAIR SHARE CALCULATION

Table 5 shows the fair share percentage results for the two required traffic signals. As shown, the project will be responsible for 17% of the 7th Street/Lyon Avenue traffic signal cost and 11% of the Esplanade Avenue/Kirby Street traffic signal cost.

Table 5. Fair Share Percentage Calculations for Required Traffic Signals

Intersection	Peak Hour	Project Volumes	Future Development Volumes	Project Fair Share
7th St/ Lyon Ave	AM	55	276	17%
	PM	68	330	17%
Esplanade Ave/ Kirby St	AM	55	430	11%
	PM	68	566	11%

10. VEHICLE MILES TRAVELED (VMT) ANALYSIS

Per the WRCOG VMT screening tool[5], the project is located in a low VMT generating TMZ. In addition, the project is consistent with other uses in the TAZ as the northern half of the TAZ is already developed as a single-family residential neighborhood. Therefore, the project is presumed to have a less than significant impact.

11. REFERENCES

[1] *Traffic Impact Analysis Guidelines for Vehicle Miles Traveled and Level of Service Assessment.* City of San Jacinto, June 2020.

[2] *Envision San Jacinto 2040 General Plan* City of San Jacinto, November 2022.

[3] https://gis-sanjacintoca.opendata.arcgis.com/apps/5a2bbf324b5449e1a72604467c4de9b9/explore, accessed February 2024.

[4] *Trip Generation Manual, 11th Edition*. Institute of Transportation Engineers, 2021.

[5] WRCOG Screening Tool, accessed September 2023.

Appendix A – Traffic Volume Data

National Data & Surveying Services

Intersection Turning Movement Count

Location: Cawston Ave & W 7th St
City: San Jacinto
Control: 4-Way Stop

Project ID: 23-030069-001
Date: 11/2/2023

Data - Totals

NS/EW Streets:	Cawston Ave				Cawston Ave				W 7th St				W 7th St				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	0.5	0.5	0	0	1	1	0	0	1	0	0	1	1.5	0.5	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	3	26	5	0	9	18	6	0	8	12	9	0	23	5	25	0	149
7:15 AM	2	33	17	0	28	21	5	0	11	8	11	1	29	5	44	0	215
7:30 AM	2	25	15	0	23	23	8	0	6	15	8	0	25	5	5	0	160
7:45 AM	2	9	11	0	11	19	2	0	4	12	8	0	33	11	11	0	133
8:00 AM	8	7	19	0	9	20	3	0	0	14	13	0	31	10	10	0	144
8:15 AM	4	16	15	0	5	33	5	0	4	21	7	0	62	17	7	0	196
8:30 AM	0	21	19	0	4	12	4	0	1	10	6	0	24	12	2	0	115
8:45 AM	8	15	17	0	6	16	0	0	2	8	11	0	20	9	8	0	120
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	29	152	118	0	95	162	33	0	36	100	73	1	247	74	112	0	1232
APPROACH %'s :	9.70%	50.84%	39.46%	0.00%	32.76%	55.86%	11.38%	0.00%	17.14%	47.62%	34.76%	0.48%	57.04%	17.09%	25.87%	0.00%	
PEAK HR :	07:00 AM - 08:00 AM																TOTAL
PEAK HR VOL :	9	93	48	0	71	81	21	0	29	47	36	1	110	26	85	0	657
PEAK HR FACTOR :	0.750	0.705	0.706	0.000	0.634	0.880	0.656	0.000	0.659	0.783	0.818	0.250	0.833	0.591	0.483	0.000	0.764
	0.721				0.801				0.911				0.708				

NOON	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	0.5	0.5	0	0	1	1	0	0	1	0	0	1	1.5	0.5	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
1:30 PM	5	9	10	0	5	15	4	0	0	7	9	0	17	19	7	0	107
1:45 PM	5	11	6	0	9	10	3	0	2	4	4	0	9	15	5	0	83
2:00 PM	1	8	12	0	13	13	2	0	1	12	8	0	10	13	9	0	102
2:15 PM	6	16	15	0	5	9	2	0	1	8	5	0	14	12	13	0	106
2:30 PM	5	14	13	0	10	25	4	0	1	12	7	0	7	12	11	0	121
2:45 PM	5	15	14	0	6	15	1	0	2	9	8	0	9	17	7	0	108
3:00 PM	7	23	17	0	3	22	1	0	2	15	6	0	34	13	8	0	151
3:15 PM	7	19	18	0	7	20	7	0	3	12	5	0	39	9	5	0	151
3:30 PM	14	28	27	0	11	16	1	0	0	11	7	0	34	14	8	0	171
3:45 PM	9	26	41	0	7	23	4	0	3	19	5	0	33	12	8	0	190
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	64	169	173	0	76	168	29	0	15	109	64	0	206	136	81	0	1290
APPROACH %'s :	15.76%	41.63%	42.61%	0.00%	27.84%	61.54%	10.62%	0.00%	7.98%	57.98%	34.04%	0.00%	48.70%	32.15%	19.15%	0.00%	
PEAK HR :	03:00 PM - 04:00 PM																TOTAL
PEAK HR VOL :	37	96	103	0	28	81	13	0	8	57	23	0	140	48	29	0	663
PEAK HR FACTOR :	0.661	0.857	0.628	0.000	0.636	0.880	0.464	0.000	0.667	0.750	0.821	0.000	0.897	0.857	0.906	0.000	0.872
	0.776				0.897				0.815				0.969				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	0.5	0.5	0	0	1	1	0	0	1	0	0	1	1.5	0.5	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	11	27	25	0	14	27	3	0	1	11	12	0	18	18	11	0	178
4:15 PM	7	23	18	0	6	41	5	0	3	7	8	0	19	11	8	0	156
4:30 PM	11	29	18	0	7	28	2	0	3	10	4	0	25	14	9	0	160
4:45 PM	12	27	15	0	5	41	2	0	3	12	7	0	25	13	8	0	170
5:00 PM	6	27	20	0	12	27	3	0	1	11	10	0	21	16	7	0	161
5:15 PM	13	17	25	0	5	36	4	0	0	18	7	0	15	17	10	0	167
5:30 PM	18	21	28	0	13	27	2	0	2	15	3	0	21	19	10	0	179
5:45 PM	15	19	16	0	13	28	1	0	0	9	4	0	18	10	11	0	144
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	93	190	165	0	75	255	22	0	13	93	55	0	162	118	74	0	1315
APPROACH %'s :	20.76%	42.41%	36.83%	0.00%	21.31%	72.44%	6.25%	0.00%	8.07%	57.76%	34.16%	0.00%	45.76%	33.33%	20.90%	0.00%	
PEAK HR :	04:45 PM - 05:45 PM																TOTAL
PEAK HR VOL :	49	92	88	0	35	131	11	0	6	56	27	0	82	65	35	0	677
PEAK HR FACTOR :	0.681	0.852	0.786	0.000	0.673	0.799	0.688	0.000	0.500	0.778	0.675	0.000	0.820	0.855	0.875	0.000	0.946
	0.854				0.922				0.890				0.910				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Karpick St & W 7th St
City: San Jacinto
Control: 1-Way Stop(SB)

Project ID: 23-030069-002
Date: 11/2/2023

Data - Totals

NS/EW Streets:	Karpick St				Karpick St				W 7th St				W 7th St				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	1	0	0	1	1	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	0	0	0	0	10	0	0	0	0	20	0	0	0	10	3	0	43
7:15 AM	0	0	0	0	13	0	0	0	2	17	0	0	0	10	3	0	45
7:30 AM	0	0	0	0	8	0	0	0	0	22	0	0	0	9	6	0	45
7:45 AM	0	0	0	0	9	0	0	0	1	13	0	0	0	10	4	0	37
8:00 AM	0	0	0	0	8	0	0	0	1	21	0	0	0	14	5	0	49
8:15 AM	0	0	0	0	9	0	1	0	0	22	0	0	0	17	9	0	58
8:30 AM	0	0	0	0	6	0	0	0	0	11	0	0	0	15	1	0	33
8:45 AM	0	0	0	0	6	0	0	0	0	11	0	0	0	10	6	0	33
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	69	0	1	0	4	137	0	0	0	95	37	0	343
APPROACH %'s :					98.57%	0.00%	1.43%	0.00%	2.84%	97.16%	0.00%	0.00%	0.00%	71.97%	28.03%	0.00%	
PEAK HR :	07:30 AM - 08:30 AM																TOTAL
PEAK HR VOL :	0	0	0	0	34	0	1	0	2	78	0	0	0	50	24	0	189
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.944	0.000	0.250	0.000	0.500	0.886	0.000	0.000	0.000	0.735	0.667	0.000	0.815
					0.875				0.909				0.712				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	1	0	0	1	1	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	0	0	0	0	11	0	0	0	0	15	0	0	0	18	11	0	55
4:15 PM	0	0	0	0	10	0	0	0	0	6	0	0	0	16	7	0	39
4:30 PM	0	0	0	0	3	0	0	0	0	12	0	0	0	12	14	0	41
4:45 PM	0	0	0	0	7	0	0	0	0	16	0	0	0	17	11	0	51
5:00 PM	0	0	0	0	9	0	0	0	0	14	0	0	0	17	9	0	49
5:15 PM	0	0	0	0	5	0	0	0	0	19	0	0	0	27	7	0	58
5:30 PM	0	0	0	0	8	0	1	0	0	11	0	0	0	20	19	0	59
5:45 PM	0	0	0	0	5	0	0	0	1	8	0	0	0	15	8	0	37
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	58	0	1	0	1	101	0	0	0	142	86	0	389
APPROACH %'s :					98.31%	0.00%	1.69%	0.00%	0.98%	99.02%	0.00%	0.00%	0.00%	62.28%	37.72%	0.00%	
PEAK HR :	04:45 PM - 05:45 PM																TOTAL
PEAK HR VOL :	0	0	0	0	29	0	1	0	0	60	0	0	0	81	46	0	217
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.806	0.000	0.250	0.000	0.000	0.789	0.000	0.000	0.000	0.750	0.605	0.000	0.919
					0.833				0.789				0.814				

National Data & Surveying Services

Intersection Turning Movement Count

Location: S Sanderson Ave & W 7th St
City: San Jacinto
Control: Signalized

Project ID: 23-030069-003
Date: 11/2/2023

Data - Totals

NS/EW Streets:	S Sanderson Ave				S Sanderson Ave				W 7th St				W 7th St				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	1.5	0.5	0	1	2	1	0	1	0.5	0.5	0	1	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	8	166	9	0	7	126	6	0	7	15	8	0	26	34	17	0	429
7:15 AM	7	128	15	0	11	114	11	0	12	30	9	0	20	47	23	0	427
7:30 AM	2	171	23	0	6	114	4	0	17	42	8	0	18	34	17	0	456
7:45 AM	8	158	18	0	15	164	9	0	3	30	4	0	23	31	18	0	481
8:00 AM	5	152	15	0	10	122	7	0	10	29	12	0	40	43	26	0	471
8:15 AM	10	146	20	0	10	155	14	0	11	22	9	0	21	57	17	0	492
8:30 AM	3	135	23	0	18	139	10	0	6	26	6	0	20	27	9	0	422
8:45 AM	8	160	14	0	8	104	3	0	9	19	4	0	13	27	13	0	382
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	51	1216	137	0	85	1038	64	0	75	213	60	0	181	300	140	0	3560
APPROACH %'s :	3.63%	86.61%	9.76%	0.00%	7.16%	87.45%	5.39%	0.00%	21.55%	61.21%	17.24%	0.00%	29.15%	48.31%	22.54%	0.00%	
PEAK HR :	07:30 AM - 08:30 AM																TOTAL
PEAK HR VOL :	25	627	76	0	41	555	34	0	41	123	33	0	102	165	78	0	1900
PEAK HR FACTOR :	0.625	0.917	0.826	0.000	0.683	0.846	0.607	0.000	0.603	0.732	0.688	0.000	0.638	0.724	0.750	0.000	0.965
	0.929				0.838				0.735				0.791				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	1.5	0.5	0	1	2	1	0	1	0.5	0.5	0	1	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	17	144	30	0	22	210	11	0	8	35	15	0	28	30	12	0	562
4:15 PM	8	153	35	0	19	257	8	0	2	27	7	0	29	32	12	0	589
4:30 PM	13	162	29	0	15	225	7	0	7	21	7	0	36	34	6	0	562
4:45 PM	9	140	17	0	25	215	7	0	3	26	8	0	28	41	15	0	534
5:00 PM	12	167	34	0	24	197	12	0	2	30	11	0	28	24	10	0	551
5:15 PM	11	176	21	0	24	205	9	0	5	36	7	0	26	33	17	0	570
5:30 PM	14	179	25	0	23	212	10	0	6	29	14	0	29	31	17	0	589
5:45 PM	9	141	24	0	19	239	8	0	7	25	12	0	26	21	8	0	539
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	93	1262	215	0	171	1760	72	0	40	229	81	0	230	246	97	0	4496
APPROACH %'s :	5.92%	80.38%	13.69%	0.00%	8.54%	87.87%	3.59%	0.00%	11.43%	65.43%	23.14%	0.00%	40.14%	42.93%	16.93%	0.00%	
PEAK HR :	05:00 PM - 06:00 PM																TOTAL
PEAK HR VOL :	46	663	104	0	90	853	39	0	20	120	44	0	109	109	52	0	2249
PEAK HR FACTOR :	0.821	0.926	0.765	0.000	0.938	0.892	0.813	0.000	0.714	0.833	0.786	0.000	0.940	0.826	0.765	0.000	0.955
	0.932				0.923				0.939				0.877				

National Data & Surveying Services

Intersection Turning Movement Count

Location: S Kirby St & W 7th St
City: San Jacinto
Control: 4-Way Stop

Project ID: 23-030069-004
Date: 11/2/2023

Data - Totals

NS/EW Streets:	S Kirby St				S Kirby St				W 7th St				W 7th St				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0.5	0.5	1	0	0.5	0.5	1	0	0.5	0.5	1	0	1	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	4	22	11	0	3	19	7	0	2	38	4	0	14	67	0	0	191
7:15 AM	7	44	12	0	12	27	3	0	3	45	5	0	13	62	4	0	237
7:30 AM	4	29	15	0	10	23	1	0	4	57	5	0	13	73	2	0	236
7:45 AM	4	30	18	0	14	35	3	0	1	63	11	0	15	67	8	0	269
8:00 AM	8	27	12	0	13	17	9	0	1	51	5	0	20	76	10	0	249
8:15 AM	5	20	10	0	7	25	5	0	3	41	6	0	15	72	4	0	213
8:30 AM	5	19	4	0	4	22	2	0	4	53	12	0	9	50	7	0	191
8:45 AM	8	20	9	0	4	15	1	0	2	38	10	0	15	40	5	0	167
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	45	211	91	0	67	183	31	0	20	386	58	0	114	507	40	0	1753
APPROACH %'s :	12.97%	60.81%	26.22%	0.00%	23.84%	65.12%	11.03%	0.00%	4.31%	83.19%	12.50%	0.00%	17.25%	76.70%	6.05%	0.00%	
PEAK HR :	07:15 AM - 08:15 AM																TOTAL
PEAK HR VOL :	23	130	57	0	49	102	16	0	9	216	26	0	61	278	24	0	991
PEAK HR FACTOR :	0.719	0.739	0.792	0.000	0.875	0.729	0.444	0.000	0.563	0.857	0.591	0.000	0.763	0.914	0.600	0.000	0.921
	0.833				0.803				0.837				0.856				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0.5	0.5	1	0	0.5	0.5	1	0	0.5	0.5	1	0	1	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	9	41	12	0	6	40	8	0	6	69	11	0	27	58	5	0	292
4:15 PM	5	34	11	0	8	42	2	0	4	71	9	0	29	62	8	0	285
4:30 PM	4	29	18	0	5	23	2	0	4	51	9	0	15	71	10	0	241
4:45 PM	6	32	13	0	4	42	4	0	1	58	10	0	12	67	11	0	260
5:00 PM	4	47	11	0	5	44	4	0	5	67	11	0	13	59	8	0	278
5:15 PM	9	46	18	0	6	39	3	0	8	61	10	0	17	55	9	0	281
5:30 PM	10	38	15	0	6	37	3	0	4	67	9	0	13	65	12	0	279
5:45 PM	5	33	11	0	3	31	5	0	2	51	12	0	13	47	7	0	220
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	52	300	109	0	43	298	31	0	34	495	81	0	139	484	70	0	2136
APPROACH %'s :	11.28%	65.08%	23.64%	0.00%	11.56%	80.11%	8.33%	0.00%	5.57%	81.15%	13.28%	0.00%	20.06%	69.84%	10.10%	0.00%	
PEAK HR :	04:45 PM - 05:45 PM																TOTAL
PEAK HR VOL :	29	163	57	0	21	162	14	0	18	253	40	0	55	246	40	0	1098
PEAK HR FACTOR :	0.725	0.867	0.792	0.000	0.875	0.920	0.875	0.000	0.563	0.944	0.909	0.000	0.809	0.918	0.833	0.000	0.977
	0.853				0.929				0.937				0.947				

National Data & Surveying Services

Intersection Turning Movement Count

Location: S Lyon Ave & W 7th St
City: San Jacinto
Control: 4-Way Stop

Project ID: 23-030069-005
Date: 11/2/2023

Data - Totals

NS/EW Streets:	S Lyon Ave				S Lyon Ave				W 7th St				W 7th St				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0.5	0.5	1	0	1	1	1	0	1	0.5	0.5	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	9	40	4	0	5	24	3	0	5	44	4	0	17	53	11	0	219
7:15 AM	9	49	8	0	9	26	1	0	6	55	6	0	12	61	18	0	260
7:30 AM	7	47	13	0	8	32	4	0	3	74	10	0	14	79	11	0	302
7:45 AM	7	59	14	0	15	51	6	0	4	91	4	0	7	77	27	0	362
8:00 AM	16	43	11	0	7	59	3	0	7	64	6	0	16	83	14	0	329
8:15 AM	15	27	5	0	2	44	4	0	2	54	6	0	14	75	6	0	254
8:30 AM	5	20	12	0	4	40	1	0	1	56	6	0	11	60	9	0	225
8:45 AM	5	27	7	0	3	39	2	0	0	51	10	0	11	54	4	0	213
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	73	312	74	0	53	315	24	0	28	489	52	0	102	542	100	0	2164
APPROACH %'s :	15.90%	67.97%	16.12%	0.00%	13.52%	80.36%	6.12%	0.00%	4.92%	85.94%	9.14%	0.00%	13.71%	72.85%	13.44%	0.00%	
PEAK HR :	07:15 AM - 08:15 AM																TOTAL
PEAK HR VOL :	39	198	46	0	39	168	14	0	20	284	26	0	49	300	70	0	1253
PEAK HR FACTOR :	0.609	0.839	0.821	0.000	0.650	0.712	0.583	0.000	0.714	0.780	0.650	0.000	0.766	0.904	0.648	0.000	0.865
	0.884				0.767				0.833				0.927				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0.5	0.5	1	0	1	1	1	0	1	0.5	0.5	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	9	51	12	0	18	67	3	0	3	71	8	0	17	76	19	0	354
4:15 PM	14	41	11	0	9	48	5	0	1	79	5	0	17	86	10	0	326
4:30 PM	12	53	15	0	13	57	4	0	4	62	4	0	15	82	7	0	328
4:45 PM	8	43	9	0	10	56	1	0	1	74	5	0	16	86	7	0	316
5:00 PM	13	54	9	0	12	59	3	0	2	59	5	0	13	75	12	0	316
5:15 PM	13	63	13	0	1	54	2	0	3	73	6	0	13	71	9	0	321
5:30 PM	12	41	12	0	13	70	4	0	2	65	14	0	13	75	11	0	332
5:45 PM	11	35	15	0	4	61	3	0	1	57	6	0	12	50	13	0	268
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	92	381	96	0	80	472	25	0	17	540	53	0	116	601	88	0	2561
APPROACH %'s :	16.17%	66.96%	16.87%	0.00%	13.86%	81.80%	4.33%	0.00%	2.79%	88.52%	8.69%	0.00%	14.41%	74.66%	10.93%	0.00%	
PEAK HR :	04:00 PM - 05:00 PM																TOTAL
PEAK HR VOL :	43	188	47	0	50	228	13	0	9	286	22	0	65	330	43	0	1324
PEAK HR FACTOR :	0.768	0.887	0.783	0.000	0.694	0.851	0.650	0.000	0.563	0.905	0.688	0.000	0.956	0.959	0.566	0.000	0.935
	0.869				0.827				0.932				0.969				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Palm Ave & W 7th St
City: San Jacinto
Control: 4-Way Stop

Project ID: 23-030069-006
Date: 11/2/2023

Data - Totals

NS/EW Streets:	Palm Ave				Palm Ave				W 7th St				W 7th St				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	1	0	0	1	1	0	0	1	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	3	20	3	0	3	21	6	0	9	47	5	0	5	71	10	0	203
7:15 AM	9	25	9	0	3	30	8	0	8	57	3	0	10	61	10	0	233
7:30 AM	3	32	10	0	10	36	14	0	17	85	5	0	13	78	7	0	310
7:45 AM	7	33	10	0	11	49	19	0	18	89	7	0	15	85	6	0	349
8:00 AM	6	40	17	0	14	44	15	0	18	82	2	0	16	83	10	0	347
8:15 AM	7	32	20	0	9	30	14	0	6	50	8	0	18	67	10	0	271
8:30 AM	13	29	9	0	5	35	17	0	5	54	5	0	11	48	8	0	239
8:45 AM	5	15	5	0	6	24	4	0	7	58	7	0	10	56	6	0	203
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	53	226	83	0	61	269	97	0	88	522	42	0	98	549	67	0	2155
APPROACH %'s :	14.64%	62.43%	22.93%	0.00%	14.29%	63.00%	22.72%	0.00%	13.50%	80.06%	6.44%	0.00%	13.73%	76.89%	9.38%	0.00%	
PEAK HR :	07:30 AM - 08:30 AM																TOTAL
PEAK HR VOL :	23	137	57	0	44	159	62	0	59	306	22	0	62	313	33	0	1277
PEAK HR FACTOR :	0.821	0.856	0.713	0.000	0.786	0.811	0.816	0.000	0.819	0.860	0.688	0.000	0.861	0.921	0.825	0.000	0.915
	0.861				0.839				0.849				0.936				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	1	0	0	1	1	0	0	1	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	11	28	17	0	14	56	11	0	12	72	3	0	20	90	6	0	340
4:15 PM	10	31	9	0	9	40	6	0	11	77	9	0	16	95	3	0	316
4:30 PM	3	19	7	0	7	21	8	0	8	78	5	0	13	100	18	0	287
4:45 PM	7	40	19	0	5	33	7	0	12	74	8	0	14	95	13	1	328
5:00 PM	5	40	12	0	6	29	8	0	8	64	6	0	15	92	18	0	303
5:15 PM	10	27	13	0	13	27	7	0	10	72	6	0	14	79	9	0	287
5:30 PM	10	30	12	0	4	32	11	0	13	77	6	0	14	80	7	0	296
5:45 PM	5	35	12	0	8	37	11	0	10	64	4	0	14	59	12	0	271
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	61	250	101	0	66	275	69	0	84	578	47	0	120	690	86	1	2428
APPROACH %'s :	14.81%	60.68%	24.51%	0.00%	16.10%	67.07%	16.83%	0.00%	11.85%	81.52%	6.63%	0.00%	13.38%	76.92%	9.59%	0.11%	
PEAK HR :	04:00 PM - 05:00 PM																TOTAL
PEAK HR VOL :	31	118	52	0	35	150	32	0	43	301	25	0	63	380	40	1	1271
PEAK HR FACTOR :	0.705	0.738	0.684	0.000	0.625	0.670	0.727	0.000	0.896	0.965	0.694	0.000	0.788	0.950	0.556	0.250	0.935
	0.761				0.670				0.951				0.924				

National Data & Surveying Services

Intersection Turning Movement Count

Location: State St & W 7th St
City: San Jacinto
Control: Signalized

Project ID: 23-030069-007
Date: 11/2/2023

Data - Totals

NS/EW Streets:	State St				State St				W 7th St				W 7th St				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	0	0	1	2	0	0	1	1	1	0	1	1	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	6	127	9	0	7	108	12	0	5	38	8	0	14	63	15	0	412
7:15 AM	3	141	21	0	18	129	16	0	12	59	6	0	15	46	16	0	482
7:30 AM	8	146	15	0	16	154	11	0	16	73	8	0	8	73	25	0	553
7:45 AM	13	127	14	0	14	168	12	0	13	82	15	0	19	92	22	0	591
8:00 AM	10	137	14	0	23	170	24	0	19	86	20	0	11	76	23	0	613
8:15 AM	5	133	18	0	17	171	20	0	15	48	17	0	21	66	21	0	552
8:30 AM	8	117	20	0	11	168	14	0	17	52	7	0	28	51	21	0	514
8:45 AM	8	113	8	0	22	144	7	0	15	40	14	0	24	60	21	0	476
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	61	1041	119	0	128	1212	116	0	112	478	95	0	140	527	164	0	4193
APPROACH %'s :	5.00%	85.26%	9.75%	0.00%	8.79%	83.24%	7.97%	0.00%	16.35%	69.78%	13.87%	0.00%	16.85%	63.42%	19.74%	0.00%	
PEAK HR :	07:30 AM - 08:30 AM																TOTAL
PEAK HR VOL :	36	543	61	0	70	663	67	0	63	289	60	0	59	307	91	0	2309
PEAK HR FACTOR :	0.692	0.930	0.847	0.000	0.761	0.969	0.698	0.000	0.829	0.840	0.750	0.000	0.702	0.834	0.910	0.000	0.942
		0.947				0.922				0.824				0.859			

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	0	0	1	2	0	0	1	1	1	0	1	1	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	6	138	19	0	27	269	20	0	11	71	21	0	30	79	22	0	713
4:15 PM	15	127	36	0	29	190	14	0	12	67	18	0	16	89	27	0	640
4:30 PM	13	149	28	0	31	168	14	0	14	79	17	0	20	92	17	0	642
4:45 PM	13	131	32	0	30	199	17	0	11	64	19	0	25	90	17	0	648
5:00 PM	16	151	27	0	25	177	16	0	19	73	18	0	27	73	30	0	652
5:15 PM	12	134	24	0	19	166	10	0	12	68	18	0	19	75	27	0	584
5:30 PM	5	160	28	0	13	175	10	0	13	70	20	0	22	72	22	0	610
5:45 PM	17	133	18	0	20	172	13	0	5	59	9	0	19	60	16	0	541
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	97	1123	212	0	194	1516	114	0	97	551	140	0	178	630	178	0	5030
APPROACH %'s :	6.77%	78.42%	14.80%	0.00%	10.64%	83.11%	6.25%	0.00%	12.31%	69.92%	17.77%	0.00%	18.05%	63.89%	18.05%	0.00%	
PEAK HR :	04:00 PM - 05:00 PM																TOTAL
PEAK HR VOL :	47	545	115	0	117	826	65	0	48	281	75	0	91	350	83	0	2643
PEAK HR FACTOR :	0.783	0.914	0.799	0.000	0.944	0.768	0.813	0.000	0.857	0.889	0.893	0.000	0.758	0.951	0.769	0.000	0.927
		0.930				0.797				0.918				0.992			

National Data & Surveying Services Intersection Turning Movement Count

Location: Cawston Ave & Cottonwood Ave
City: San Jacinto
Control: 1-Way Stop(NB)

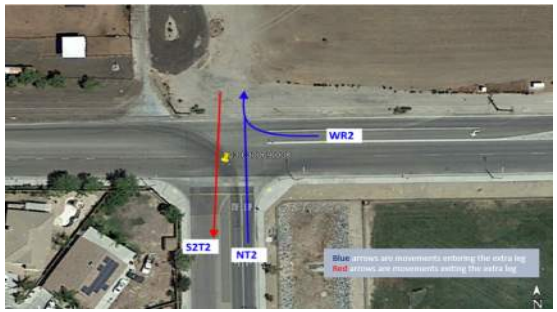
Project ID: 23-030069-008
Date: 11/2/2023

Data - Totals

NS/EW Streets:	Cawston Ave					Cawston Ave				Cottonwood Ave				Cottonwood Ave						
AM	NORTHBOUND					SOUTHBOUND				EASTBOUND				WESTBOUND					SOUTHBOUND2	
	1	0	1	0	0	0	1	0	0	0	2	0	0	1	1	0	0	0	0	
	NL	NT	NR	NU	NT2	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	WR2	S2T2	TOTAL
7:00 AM	25	0	16	0	0	0	0	0	0	0	73	6	0	6	32	0	2	0	0	160
7:15 AM	21	0	26	0	1	0	0	0	0	0	118	12	0	24	42	0	19	0	0	263
7:30 AM	23	0	27	0	0	0	0	0	0	0	77	4	0	7	48	0	4	0	1	191
7:45 AM	9	0	14	0	0	0	0	0	0	0	80	9	0	9	28	0	0	0	0	149
8:00 AM	8	0	13	0	0	0	0	0	0	0	56	6	0	17	50	0	0	0	0	150
8:15 AM	12	0	19	0	0	0	0	0	0	0	41	8	0	17	58	0	0	1	0	156
8:30 AM	8	0	16	0	1	0	0	0	0	0	30	10	0	16	46	0	0	0	0	127
8:45 AM	4	0	15	0	0	0	0	0	0	0	29	4	0	8	32	0	0	0	0	92
	NL	NT	NR	NU	NT2	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	WR2	S2T2	TOTAL
TOTAL VOLUMES :	110	0	146	0	2	0	0	0	0	0	504	59	0	104	336	0	25	1	1	1288
APPROACH %'s :	42.64%	0.00%	56.59%	0.00%	0.78%					0.00%	89.52%	10.48%	0.00%	22.32%	72.10%	0.00%	5.36%	0.21%	100.00%	
PEAK HR :	07:00 AM - 08:00 AM																			TOTAL
PEAK HR VOL :	78	0	83	0	1	0	0	0	0	0	348	31	0	46	150	0	25	0	1	763
PEAK HR FACTOR :	0.780	0.000	0.769	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.737	0.646	0.000	0.479	0.781	0.000	0.329	0.000	0.250	0.725
			0.810								0.729					0.650				

NOON	NORTHBOUND					SOUTHBOUND				EASTBOUND				WESTBOUND						
	1	0	1	0	0	0	1	0	0	0	2	0	0	1	1	0	0	0	0	
	NL	NT	NR	NU	NT2	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	WR2	S2T2	TOTAL
1:30 PM	7	0	9	0	0	1	0	0	0	0	52	8	0	7	28	0	0	0	1	113
1:45 PM	11	0	5	0	0	0	0	0	0	0	41	3	0	8	34	0	0	0	0	102
2:00 PM	6	0	6	0	0	0	0	0	0	0	49	8	0	6	27	0	0	0	0	102
2:15 PM	9	0	10	0	0	0	0	0	0	0	65	5	0	2	37	0	0	0	0	128
2:30 PM	12	0	13	1	0	0	0	0	0	0	67	10	0	18	67	0	0	0	0	188
2:45 PM	15	0	6	0	0	0	0	0	0	0	49	8	0	8	35	0	0	0	0	121
3:00 PM	10	0	16	0	0	0	0	0	0	0	55	11	0	9	34	0	0	0	0	135
3:15 PM	11	0	16	0	0	0	0	0	0	0	65	11	0	18	43	0	0	0	0	164
3:30 PM	9	0	18	0	0	0	0	0	0	0	55	3	0	13	41	0	0	0	0	139
3:45 PM	9	0	13	0	0	0	0	0	0	0	62	7	0	18	63	0	0	0	0	172
	NL	NT	NR	NU	NT2	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	WR2	S2T2	TOTAL
TOTAL VOLUMES :	99	0	112	1	0	1	0	0	0	0	560	74	0	107	409	0	0	0	1	1364
APPROACH %'s :	46.70%	0.00%	52.83%	0.47%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	88.33%	11.67%	0.00%	20.74%	79.26%	0.00%	0.00%	0.00%	100.00%	
PEAK HR :	03:00 PM - 04:00 PM																			TOTAL
PEAK HR VOL :	39	0	63	0	0	0	0	0	0	0	237	32	0	58	181	0	0	0	0	610
PEAK HR FACTOR :	0.886	0.000	0.875	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.912	0.727	0.000	0.806	0.718	0.000	0.000	0.000	0.000	0.887
			0.944								0.885					0.738				

PM	NORTHBOUND					SOUTHBOUND				EASTBOUND				WESTBOUND						
	1	0	1	0	0	0	1	0	0	0	2	0	0	1	1	0	0	0	0	
	NL	NT	NR	NU	NT2	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	WR2	S2T2	TOTAL
4:00 PM	10	0	18	0	0	0	0	0	0	0	81	16	0	26	51	0	0	0	0	202
4:15 PM	11	0	17	0	0	0	0	0	0	0	53	16	0	25	41	0	0	0	0	163
4:30 PM	9	0	19	0	0	0	0	0	0	0	50	15	0	26	28	0	0	0	0	147
4:45 PM	8	0	20	0	0	0	0	0	0	0	70	9	0	24	58	0	0	0	0	189
5:00 PM	9	0	19	0	0	0	0	0	0	0	58	17	0	19	59	0	0	0	0	181
5:15 PM	8	0	12	0	0	0	0	0	0	0	71	19	0	27	47	0	0	0	0	184
5:30 PM	10	0	13	0	0	0	0	0	0	0	61	12	0	21	37	0	0	0	0	154
5:45 PM	11	0	10	0	0	0	0	0	0	0	56	17	0	15	64	0	0	0	0	173
	NL	NT	NR	NU	NT2	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	WR2	S2T2	TOTAL
TOTAL VOLUMES :	76	0	128	0	0	0	0	0	0	0	500	121	0	183	385	0	0	0	0	1393
APPROACH %'s :	37.25%	0.00%	62.75%	0.00%	0.00%					0.00%	80.52%	19.48%	0.00%	32.22%	67.78%	0.00%	0.00%	0.00%		
PEAK HR :	04:45 PM - 05:45 PM																			TOTAL
PEAK HR VOL :	35	0	64	0	0	0	0	0	0	0	260	57	0	91	201	0	0	0	0	708
PEAK HR FACTOR :	0.875	0.000	0.800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.915	0.750	0.000	0.843	0.852	0.000	0.000	0.000	0.000	0.937
			0.884								0.881					0.890				



National Data & Surveying Services

Intersection Turning Movement Count

Location: S Sanderson Ave & Cottonwood Ave
City: San Jacinto
Control: Signalized

Project ID: 23-030069-009
Date: 11/2/2023

Data - Totals

NS/EW Streets:	S Sanderson Ave				S Sanderson Ave				Cottonwood Ave				Cottonwood Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	2	2	1	0	2	2	1	0	2	2	1	0	2	1	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	11	175	9	0	12	103	17	0	28	49	8	0	18	80	57	0	567
7:15 AM	14	137	18	1	14	97	22	0	32	98	19	0	22	100	51	0	625
7:30 AM	15	209	15	0	10	121	11	0	28	88	13	0	10	44	38	0	602
7:45 AM	6	145	17	0	13	134	20	0	32	88	23	1	19	35	32	0	565
8:00 AM	8	184	12	0	13	111	21	0	16	47	7	1	24	48	31	0	523
8:15 AM	6	142	15	0	12	149	15	0	29	49	13	0	24	47	32	0	533
8:30 AM	8	138	11	0	9	124	11	0	18	26	8	0	25	39	24	0	441
8:45 AM	7	145	18	0	9	90	6	0	10	28	11	0	31	25	27	0	407
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	75	1275	115	1	92	929	123	0	193	473	102	2	173	418	292	0	4263
APPROACH %'s :	5.12%	86.97%	7.84%	0.07%	8.04%	81.21%	10.75%	0.00%	25.06%	61.43%	13.25%	0.26%	19.59%	47.34%	33.07%	0.00%	
PEAK HR :	07:00 AM - 08:00 AM																TOTAL
PEAK HR VOL :	46	666	59	1	49	455	70	0	120	323	63	1	69	259	178	0	2359
PEAK HR FACTOR :	0.767	0.797	0.819	0.250	0.875	0.849	0.795	0.000	0.938	0.824	0.685	0.250	0.784	0.648	0.781	0.000	0.944
	0.808				0.859				0.851				0.731				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	2	2	1	0	2	2	1	0	2	2	1	0	2	1	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	6	114	21	0	30	224	33	0	21	52	23	0	24	43	33	0	624
4:15 PM	10	135	28	0	27	235	27	0	22	54	15	0	28	33	31	0	645
4:30 PM	6	139	23	0	42	215	24	0	19	42	16	0	18	38	20	0	602
4:45 PM	13	102	35	0	38	202	25	0	22	51	15	0	27	39	16	0	585
5:00 PM	12	121	17	0	34	215	31	0	29	59	10	0	27	41	33	0	629
5:15 PM	6	149	28	0	26	207	29	0	18	58	25	0	27	31	22	0	626
5:30 PM	8	154	31	1	25	213	19	0	17	54	19	0	21	34	18	1	615
5:45 PM	10	114	27	0	33	213	25	0	10	50	13	0	22	44	15	0	576
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	71	1028	210	1	255	1724	213	0	158	420	136	0	194	303	188	1	4902
APPROACH %'s :	5.42%	78.47%	16.03%	0.08%	11.63%	78.65%	9.72%	0.00%	22.13%	58.82%	19.05%	0.00%	28.28%	44.17%	27.41%	0.15%	
PEAK HR :	04:15 PM - 05:15 PM																TOTAL
PEAK HR VOL :	41	497	103	0	141	867	107	0	92	206	56	0	100	151	100	0	2461
PEAK HR FACTOR :	0.788	0.894	0.736	0.000	0.839	0.922	0.863	0.000	0.793	0.873	0.875	0.000	0.893	0.921	0.758	0.000	0.954
	0.926				0.965				0.903				0.869				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Cawston Ave & W Esplanade Ave
City: San Jacinto
Control: 4-Way Stop

Project ID: 23-030069-010
Date: 11/2/2023

Data - Totals

NS/EW Streets:	Cawston Ave				Cawston Ave				W Esplanade Ave				W Esplanade Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	1	1	0	0	1	0	0	0	1	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	22	19	6	0	0	29	18	0	14	35	28	0	15	40	3	0	229
7:15 AM	26	31	17	0	1	35	25	0	12	20	28	0	17	34	7	0	253
7:30 AM	15	28	15	0	6	36	14	0	7	32	15	0	21	32	7	0	228
7:45 AM	8	10	17	0	6	38	19	0	8	28	19	0	25	32	2	0	212
8:00 AM	10	20	19	0	2	46	13	0	17	37	41	0	33	25	0	0	263
8:15 AM	13	25	24	0	4	82	17	0	10	33	52	0	64	41	2	0	367
8:30 AM	14	27	41	0	0	29	15	0	11	29	20	0	43	44	2	0	275
8:45 AM	14	27	16	0	3	32	13	0	9	29	19	0	28	28	3	0	221
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	122	187	155	0	22	327	134	0	88	243	222	0	246	276	26	0	2048
APPROACH %'s :	26.29%	40.30%	33.41%	0.00%	4.55%	67.70%	27.74%	0.00%	15.91%	43.94%	40.14%	0.00%	44.89%	50.36%	4.74%	0.00%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	51	99	100	0	9	189	58	0	47	128	132	0	168	138	7	0	1126
PEAK HR FACTOR :	0.911	0.917	0.610	0.000	0.563	0.576	0.853	0.000	0.691	0.865	0.635	0.000	0.656	0.784	0.583	0.000	0.767
	0.762				0.621				0.808				0.731				

NOON	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	1	1	0	0	1	0	0	0	1	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
1:30 PM	7	12	6	0	5	24	12	0	5	37	14	0	8	36	2	0	168
1:45 PM	6	9	11	0	3	15	6	0	7	27	8	0	14	26	6	0	138
2:00 PM	8	10	9	0	4	18	9	0	11	40	18	0	5	29	2	0	163
2:15 PM	27	21	21	0	3	18	9	0	12	38	15	0	13	24	5	0	206
2:30 PM	7	17	13	0	5	24	9	0	7	43	7	0	17	17	5	0	171
2:45 PM	3	21	7	0	1	24	7	0	9	32	12	0	16	41	5	0	178
3:00 PM	5	24	8	0	4	40	16	0	14	41	15	0	23	29	6	0	225
3:15 PM	6	25	12	0	4	32	27	0	12	27	25	0	43	52	9	0	274
3:30 PM	31	61	74	0	1	34	26	0	10	33	11	0	35	38	0	0	354
3:45 PM	28	51	51	0	3	31	21	0	19	35	14	0	30	41	6	0	330
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	128	251	212	0	33	260	142	0	106	353	139	0	204	333	46	0	2207
APPROACH %'s :	21.66%	42.47%	35.87%	0.00%	7.59%	59.77%	32.64%	0.00%	17.73%	59.03%	23.24%	0.00%	34.99%	57.12%	7.89%	0.00%	
PEAK HR :	03:00 PM - 04:00 PM																TOTAL
PEAK HR VOL :	70	161	145	0	12	137	90	0	55	136	65	0	131	160	21	0	1183
PEAK HR FACTOR :	0.565	0.660	0.490	0.000	0.750	0.856	0.833	0.000	0.724	0.829	0.650	0.000	0.762	0.769	0.583	0.000	0.835
	0.566				0.948				0.914				0.750				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	1	1	0	0	1	0	0	0	1	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	15	41	15	0	3	33	24	0	14	49	16	0	16	44	7	0	277
4:15 PM	12	35	20	0	5	46	16	0	9	44	15	0	19	32	2	0	255
4:30 PM	15	39	13	0	2	38	16	0	16	44	17	0	23	41	3	0	267
4:45 PM	17	35	15	0	3	54	15	0	14	30	22	0	19	48	5	0	277
5:00 PM	20	34	14	0	2	36	19	0	18	43	12	0	20	37	3	0	258
5:15 PM	19	30	22	0	2	46	13	0	21	46	18	0	22	39	7	0	285
5:30 PM	20	41	29	0	1	36	16	0	19	30	19	0	21	40	6	0	278
5:45 PM	18	33	15	0	2	35	11	0	14	47	14	0	21	37	5	0	252
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	136	288	143	0	20	324	130	0	125	333	133	0	161	318	38	0	2149
APPROACH %'s :	23.99%	50.79%	25.22%	0.00%	4.22%	68.35%	27.43%	0.00%	21.15%	56.35%	22.50%	0.00%	31.14%	61.51%	7.35%	0.00%	
PEAK HR :	04:45 PM - 05:45 PM																TOTAL
PEAK HR VOL :	76	140	80	0	8	172	63	0	72	149	71	0	82	164	21	0	1098
PEAK HR FACTOR :	0.950	0.854	0.690	0.000	0.667	0.796	0.829	0.000	0.857	0.810	0.807	0.000	0.932	0.854	0.750	0.000	0.963
	0.822				0.844				0.859				0.927				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Cawston Ave & Eaton Ave
City: Hemet
Control: 3-Way Stop(NB/SB/WB)

Project ID: 23-030069-011
Date: 11/2/2023

Data - Totals

NS/EW Streets:	Cawston Ave				Cawston Ave				Eaton Ave				Eaton Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	2	0	0	1	2	0	0	0	0	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	0	53	4	0	5	64	0	0	0	0	0	0	13	0	12	0	151
7:15 AM	0	88	11	0	16	71	0	0	0	0	0	0	19	0	28	0	233
7:30 AM	0	60	10	0	20	69	0	0	0	0	0	0	9	0	27	0	195
7:45 AM	0	46	15	0	20	73	0	0	0	0	0	0	20	0	35	0	209
8:00 AM	0	100	3	0	46	100	0	0	0	0	0	0	10	0	82	0	341
8:15 AM	0	104	14	0	78	155	0	0	0	0	0	0	19	0	90	0	460
8:30 AM	0	76	18	0	63	140	0	0	0	0	0	0	31	0	39	0	367
8:45 AM	0	48	15	0	16	81	0	0	0	0	0	0	36	0	21	0	217
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	575	90	0	264	753	0	0	0	0	0	0	157	0	334	0	2173
APPROACH %'s :	0.00%	86.47%	13.53%	0.00%	25.96%	74.04%	0.00%	0.00%					31.98%	0.00%	68.02%	0.00%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	0	328	50	0	203	476	0	0	0	0	0	0	96	0	232	0	1385
PEAK HR FACTOR :	0.000	0.788	0.694	0.000	0.651	0.768	0.000	0.000	0.000	0.000	0.000	0.000	0.667	0.000	0.644	0.000	0.753
	0.801				0.729								0.752				

NOON	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	2	0	0	1	2	0	0	0	0	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
1:30 PM	0	20	8	0	3	38	0	0	0	0	0	0	6	0	5	0	80
1:45 PM	0	19	7	0	3	41	0	0	0	0	0	0	8	0	4	0	82
2:00 PM	0	24	4	1	5	39	0	0	0	0	0	0	13	0	6	0	92
2:15 PM	0	70	10	0	6	41	0	0	0	0	0	0	5	0	13	0	145
2:30 PM	0	26	4	0	7	59	0	0	0	0	0	0	4	0	10	0	110
2:45 PM	0	33	9	0	9	36	0	0	0	0	0	0	6	0	10	0	103
3:00 PM	0	55	12	0	8	52	0	0	0	0	0	0	9	0	17	0	153
3:15 PM	0	57	12	0	29	61	0	0	0	0	0	0	11	0	36	0	206
3:30 PM	0	40	19	0	73	95	0	0	0	0	0	0	17	0	38	0	282
3:45 PM	0	55	39	0	39	44	0	0	0	0	0	0	14	0	44	0	235
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	399	124	1	182	506	0	0	0	0	0	0	93	0	183	0	1488
APPROACH %'s :	0.00%	76.15%	23.66%	0.19%	26.45%	73.55%	0.00%	0.00%					33.70%	0.00%	66.30%	0.00%	
PEAK HR :	03:00 PM - 04:00 PM																TOTAL
PEAK HR VOL :	0	207	82	0	149	252	0	0	0	0	0	0	51	0	135	0	876
PEAK HR FACTOR :	0.000	0.908	0.526	0.000	0.510	0.663	0.000	0.000	0.000	0.000	0.000	0.000	0.750	0.000	0.767	0.000	0.777
	0.769				0.597								0.802				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	2	0	0	1	2	0	0	0	0	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	0	55	19	0	20	78	0	0	0	0	0	0	6	0	11	0	189
4:15 PM	0	65	11	0	11	85	0	0	0	0	0	0	11	0	15	0	198
4:30 PM	0	60	9	0	19	88	0	0	0	0	0	0	8	0	8	0	192
4:45 PM	0	64	5	0	20	96	0	0	0	0	0	0	4	0	13	1	203
5:00 PM	0	71	10	0	15	62	0	0	0	0	0	0	3	0	20	0	181
5:15 PM	0	66	8	0	15	101	0	0	0	0	0	0	13	0	12	0	215
5:30 PM	0	88	14	0	17	88	0	0	0	0	0	0	7	0	16	0	230
5:45 PM	0	59	13	0	4	64	0	0	0	0	0	0	10	0	11	0	161
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	528	89	0	121	662	0	0	0	0	0	0	62	0	106	1	1569
APPROACH %'s :	0.00%	85.58%	14.42%	0.00%	15.45%	84.55%	0.00%	0.00%					36.69%	0.00%	62.72%	0.59%	
PEAK HR :	04:45 PM - 05:45 PM																TOTAL
PEAK HR VOL :	0	289	37	0	67	347	0	0	0	0	0	0	27	0	61	1	829
PEAK HR FACTOR :	0.000	0.821	0.661	0.000	0.838	0.859	0.000	0.000	0.000	0.000	0.000	0.000	0.519	0.000	0.763	0.250	0.901
	0.799				0.892								0.890				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Cawston Ave & W Fruitvale Ave
City: Hemet
Control: 4-Way Stop

Project ID: 23-030069-012
Date: 11/2/2023

Data - Totals

NS/EW Streets:	Cawston Ave				Cawston Ave				W Fruitvale Ave				W Fruitvale Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	0	0	1	2	0	0	0	1	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	2	56	34	0	10	74	0	0	1	0	0	0	17	1	11	0	206
7:15 AM	2	96	52	2	17	76	0	0	0	1	1	0	22	0	20	0	289
7:30 AM	0	72	20	1	17	66	0	0	1	0	3	0	10	0	18	0	208
7:45 AM	0	56	6	0	30	77	0	0	0	0	1	0	8	0	23	0	201
8:00 AM	0	88	2	0	19	88	0	0	1	1	1	0	5	0	30	0	235
8:15 AM	1	98	5	0	40	118	1	0	0	0	0	0	6	0	34	0	303
8:30 AM	0	88	2	0	56	125	0	0	0	1	1	0	6	0	23	0	302
8:45 AM	0	89	6	0	49	132	0	0	0	0	1	0	5	1	21	1	305
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	5	643	127	3	238	756	1	0	3	3	8	0	79	2	180	1	2049
APPROACH %'s :	0.64%	82.65%	16.32%	0.39%	23.92%	75.98%	0.10%	0.00%	21.43%	21.43%	57.14%	0.00%	30.15%	0.76%	68.70%	0.38%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	1	363	15	0	164	463	1	0	1	2	3	0	22	1	108	1	1145
PEAK HR FACTOR :	0.250	0.926	0.625	0.000	0.732	0.877	0.250	0.000	0.250	0.500	0.750	0.000	0.917	0.250	0.794	0.250	0.939
	0.911				0.867				0.500				0.825				

NOON	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	0	0	1	2	0	0	0	1	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
1:30 PM	0	29	4	0	4	41	0	0	0	1	1	0	8	3	6	0	97
1:45 PM	1	22	5	0	4	52	0	0	0	4	0	0	7	1	6	0	102
2:00 PM	1	23	13	0	7	47	0	0	0	0	1	0	11	1	3	0	107
2:15 PM	2	83	52	0	8	41	0	0	0	0	2	0	8	1	5	0	202
2:30 PM	0	29	11	0	7	60	0	0	0	2	1	0	5	0	3	0	118
2:45 PM	2	48	7	0	3	33	0	0	0	0	0	0	12	1	7	0	113
3:00 PM	1	65	10	0	4	44	1	0	1	1	2	0	12	1	10	0	152
3:15 PM	2	79	11	2	9	51	0	0	0	1	1	0	16	1	21	0	194
3:30 PM	3	72	28	2	23	84	2	1	0	0	1	0	19	0	20	0	255
3:45 PM	1	51	22	0	39	99	0	0	1	0	1	0	26	1	14	0	255
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	13	501	163	4	108	552	3	1	2	9	10	0	124	10	95	0	1595
APPROACH %'s :	1.91%	73.57%	23.94%	0.59%	16.27%	83.13%	0.45%	0.15%	9.52%	42.86%	47.62%	0.00%	54.15%	4.37%	41.48%	0.00%	
PEAK HR :	03:00 PM - 04:00 PM																TOTAL
PEAK HR VOL :	7	267	71	4	75	278	3	1	2	2	5	0	73	3	65	0	856
PEAK HR FACTOR :	0.583	0.845	0.634	0.500	0.481	0.702	0.375	0.250	0.500	0.500	0.625	0.000	0.702	0.750	0.774	0.000	0.839
	0.831				0.647				0.563				0.860				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	0	0	1	2	0	0	0	1	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	1	65	18	2	20	104	0	0	0	1	1	0	11	1	13	0	237
4:15 PM	1	66	11	0	15	92	1	0	1	0	1	0	11	1	4	0	204
4:30 PM	1	61	12	0	10	92	1	0	1	0	3	0	8	1	7	0	197
4:45 PM	1	70	15	1	6	99	0	0	0	0	0	0	12	0	9	0	213
5:00 PM	1	73	13	0	6	73	0	0	0	0	0	0	5	0	13	0	184
5:15 PM	2	68	17	0	17	101	0	0	0	1	1	0	9	2	8	0	226
5:30 PM	2	90	17	0	9	99	0	0	0	1	1	0	9	0	17	0	245
5:45 PM	4	75	15	0	15	66	0	1	0	0	1	0	5	0	10	0	192
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	13	568	118	3	98	726	2	1	2	3	8	0	70	5	81	0	1698
APPROACH %'s :	1.85%	80.91%	16.81%	0.43%	11.85%	87.79%	0.24%	0.12%	15.38%	23.08%	61.54%	0.00%	44.87%	3.21%	51.92%	0.00%	
PEAK HR :	04:45 PM - 05:45 PM																TOTAL
PEAK HR VOL :	6	301	62	1	38	372	0	0	0	2	2	0	35	2	47	0	868
PEAK HR FACTOR :	0.750	0.836	0.912	0.250	0.559	0.921	0.000	0.000	0.000	0.500	0.500	0.000	0.729	0.250	0.691	0.000	0.886
	0.849				0.869				0.500				0.808				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Warren Rd & Esplanade Ave
City: San Jacinto
Control: 4-Way Stop

Project ID: 23-030069-013
Date: 11/2/2023

Data - Totals

NS/EW Streets:	Warren Rd				Warren Rd				Esplanade Ave				Esplanade Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	0	91	23	0	11	82	5	0	14	5	1	0	44	11	17	0	304
7:15 AM	0	110	15	0	5	83	4	0	10	7	0	0	50	10	18	0	312
7:30 AM	0	110	17	0	7	97	5	0	4	7	0	0	30	5	16	0	298
7:45 AM	0	97	23	0	11	79	2	0	7	7	1	0	24	15	10	0	276
8:00 AM	1	112	39	0	8	77	4	0	8	14	1	0	23	6	13	0	306
8:15 AM	0	109	41	0	10	80	2	0	5	13	0	0	30	16	12	0	318
8:30 AM	1	89	23	0	8	98	3	0	3	5	0	0	43	12	9	0	294
8:45 AM	0	112	25	0	8	68	4	0	4	6	0	0	29	6	13	0	275
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	2	830	206	0	68	664	29	0	55	64	3	0	273	81	108	0	2383
APPROACH %'s :	0.19%	79.96%	19.85%	0.00%	8.94%	87.25%	3.81%	0.00%	45.08%	52.46%	2.46%	0.00%	59.09%	17.53%	23.38%	0.00%	
PEAK HR :	07:30 AM - 08:30 AM																TOTAL
PEAK HR VOL :	1	428	120	0	36	333	13	0	24	41	2	0	107	42	51	0	1198
PEAK HR FACTOR :	0.250	0.955	0.732	0.000	0.818	0.858	0.650	0.000	0.750	0.732	0.500	0.000	0.892	0.656	0.797	0.000	0.942
	0.903				0.876				0.728				0.862				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	2	115	29	0	9	72	2	0	3	5	0	0	36	5	12	0	290
4:15 PM	1	119	35	0	12	69	4	0	2	9	0	0	28	7	11	0	297
4:30 PM	1	120	32	0	11	65	4	0	1	4	1	0	32	6	9	0	286
4:45 PM	1	123	30	0	16	76	15	0	5	11	0	0	28	18	8	0	331
5:00 PM	1	107	43	0	24	100	16	0	4	7	1	0	20	17	14	0	354
5:15 PM	0	104	42	0	27	106	18	0	6	16	0	0	18	18	14	0	369
5:30 PM	0	116	37	0	16	74	9	0	4	9	1	0	14	16	14	0	310
5:45 PM	0	108	50	0	13	91	5	0	10	12	0	0	15	14	11	0	329
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	6	912	298	0	128	653	73	0	35	73	3	0	191	101	93	0	2566
APPROACH %'s :	0.49%	75.00%	24.51%	0.00%	14.99%	76.46%	8.55%	0.00%	31.53%	65.77%	2.70%	0.00%	49.61%	26.23%	24.16%	0.00%	
PEAK HR :	04:45 PM - 05:45 PM																TOTAL
PEAK HR VOL :	2	450	152	0	83	356	58	0	19	43	2	0	80	69	50	0	1364
PEAK HR FACTOR :	0.500	0.915	0.884	0.000	0.769	0.840	0.806	0.000	0.792	0.672	0.500	0.000	0.714	0.958	0.893	0.000	0.924
	0.981				0.823				0.727				0.921				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Sanderson Ave & W Esplanade Ave
City: San Jacinto
Control: Signalized

Project ID: 23-030069-014
Date: 11/2/2023

Data - Totals

NS/EW Streets:	Sanderson Ave				Sanderson Ave				W Esplanade Ave				W Esplanade Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	0	0	1	2	1	0	1	1	1	0	1	1	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	9	155	28	0	8	138	17	2	10	28	8	0	24	32	12	0	471
7:15 AM	13	129	22	0	7	127	16	2	15	22	3	0	27	49	13	0	445
7:30 AM	10	190	26	0	10	118	11	2	19	28	4	0	26	38	10	0	492
7:45 AM	10	155	27	0	12	148	16	5	11	40	3	0	26	42	7	0	502
8:00 AM	9	180	27	0	10	133	12	1	16	35	6	0	22	48	12	0	511
8:15 AM	19	145	42	0	11	160	16	2	20	38	6	0	19	86	8	0	572
8:30 AM	8	139	32	0	9	141	14	5	25	38	5	0	38	62	12	0	528
8:45 AM	7	174	17	0	6	104	10	4	10	35	4	0	42	45	11	0	469
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	85	1267	221	0	73	1069	112	23	126	264	39	0	224	402	85	0	3990
APPROACH %'s :	5.40%	80.55%	14.05%	0.00%	5.72%	83.71%	8.77%	1.80%	29.37%	61.54%	9.09%	0.00%	31.50%	56.54%	11.95%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	46	619	128	0	42	582	58	13	72	151	20	0	105	238	39	0	2113
PEAK HR FACTOR :	0.605	0.860	0.762	0.000	0.875	0.909	0.906	0.650	0.720	0.944	0.833	0.000	0.691	0.692	0.813	0.000	0.924
	0.918				0.919				0.893				0.845				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	0	0	1	2	1	0	1	1	1	0	1	1	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	16	163	28	0	15	223	17	4	16	41	19	0	38	49	14	0	643
4:15 PM	11	167	24	0	14	249	11	1	14	34	10	0	39	33	17	0	624
4:30 PM	16	174	25	0	16	215	16	2	22	32	10	0	37	48	15	0	628
4:45 PM	11	168	30	0	22	234	18	1	11	32	4	0	38	43	5	0	617
5:00 PM	6	170	33	0	18	187	10	3	28	34	7	0	42	45	16	0	599
5:15 PM	15	201	26	0	17	207	16	1	17	41	9	0	34	41	16	0	641
5:30 PM	9	173	28	0	13	197	14	1	21	36	6	0	46	52	18	0	614
5:45 PM	13	143	24	0	15	234	15	3	13	48	7	0	22	42	10	0	589
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	97	1359	218	0	130	1746	117	16	142	298	72	0	296	353	111	0	4955
APPROACH %'s :	5.79%	81.18%	13.02%	0.00%	6.47%	86.91%	5.82%	0.80%	27.73%	58.20%	14.06%	0.00%	38.95%	46.45%	14.61%	0.00%	
PEAK HR :	04:00 PM - 05:00 PM																TOTAL
PEAK HR VOL :	54	672	107	0	67	921	62	8	63	139	43	0	152	173	51	0	2512
PEAK HR FACTOR :	0.844	0.966	0.892	0.000	0.761	0.925	0.861	0.500	0.716	0.848	0.566	0.000	0.974	0.883	0.750	0.000	0.977
	0.969				0.962				0.806				0.931				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Kirby St & W Esplanade Ave
City: San Jacinto
Control: 4-Way Stop

Project ID: 23-030069-015
Date: 11/2/2023

Data - Totals

NS/EW Streets:	Kirby St				Kirby St				W Esplanade Ave				W Esplanade Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	1	0	1	0	1	0	0	1	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	8	30	8	0	7	56	5	0	7	63	5	0	18	52	5	0	264
7:15 AM	15	59	13	0	8	53	11	0	3	58	7	0	19	53	5	0	304
7:30 AM	12	41	23	0	8	42	7	0	3	63	4	0	14	58	6	0	281
7:45 AM	10	43	17	0	19	51	11	0	7	76	9	0	19	55	2	0	319
8:00 AM	14	38	17	0	11	34	11	0	6	68	9	0	16	78	4	0	306
8:15 AM	17	28	20	0	6	48	6	0	7	68	7	0	11	94	7	0	319
8:30 AM	10	29	20	0	6	34	14	0	5	77	11	0	12	77	7	0	302
8:45 AM	11	28	12	0	8	30	17	0	11	47	5	0	12	75	4	0	260
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	97	296	130	0	73	348	82	0	49	520	57	0	121	542	40	0	2355
APPROACH %'s :	18.55%	56.60%	24.86%	0.00%	14.51%	69.18%	16.30%	0.00%	7.83%	83.07%	9.11%	0.00%	17.21%	77.10%	5.69%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	51	138	74	0	42	167	42	0	25	289	36	0	58	304	20	0	1246
PEAK HR FACTOR :	0.750	0.802	0.925	0.000	0.553	0.819	0.750	0.000	0.893	0.938	0.818	0.000	0.763	0.809	0.714	0.000	0.976
	0.939				0.775				0.941				0.853				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	1	0	1	0	1	0	0	1	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	10	62	16	0	15	63	11	0	8	86	17	0	12	90	9	0	399
4:15 PM	13	44	21	0	8	70	10	0	5	85	18	0	28	64	7	0	373
4:30 PM	19	54	25	0	3	36	11	0	6	65	16	0	18	77	12	0	342
4:45 PM	13	55	27	0	12	56	6	0	7	88	9	0	20	71	8	0	372
5:00 PM	15	61	23	0	11	49	12	0	10	75	13	0	12	79	7	0	367
5:15 PM	20	62	26	0	14	51	13	0	11	75	14	0	14	69	9	0	378
5:30 PM	16	57	17	0	18	42	10	0	11	71	12	0	17	80	11	0	362
5:45 PM	15	48	21	0	18	46	9	0	9	95	9	0	13	56	5	0	344
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	121	443	176	0	99	413	82	0	67	640	108	0	134	586	68	0	2937
APPROACH %'s :	16.35%	59.86%	23.78%	0.00%	16.67%	69.53%	13.80%	0.00%	8.22%	78.53%	13.25%	0.00%	17.01%	74.37%	8.63%	0.00%	
PEAK HR :	04:00 PM - 05:00 PM																TOTAL
PEAK HR VOL :	55	215	89	0	38	225	38	0	26	324	60	0	78	302	36	0	1486
PEAK HR FACTOR :	0.724	0.867	0.824	0.000	0.633	0.804	0.864	0.000	0.813	0.920	0.833	0.000	0.696	0.839	0.750	0.000	0.931
	0.916				0.846				0.923				0.937				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Lyon Ave & W Esplanade Ave
City: San Jacinto
Control: Signalized

Project ID: 23-030069-016
Date: 11/2/2023

Data - Totals

NS/EW Streets:	Lyon Ave				Lyon Ave				W Esplanade Ave				W Esplanade Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	1	1	0	1	1	1	0	1	1	1	0	1	1	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	4	42	13	0	8	39	7	0	3	70	4	0	10	67	14	0	281
7:15 AM	2	44	13	0	5	44	11	0	11	68	4	0	15	62	19	0	298
7:30 AM	4	51	16	0	8	38	5	0	4	82	2	0	18	73	16	0	317
7:45 AM	4	39	17	0	10	38	8	0	7	98	9	0	21	67	24	0	342
8:00 AM	2	41	9	0	14	55	13	0	3	88	6	0	17	88	16	0	352
8:15 AM	4	28	16	0	8	62	9	0	6	83	1	0	16	86	11	0	330
8:30 AM	6	24	7	0	4	54	7	0	3	100	6	0	14	84	10	0	319
8:45 AM	3	28	15	0	9	49	6	0	7	58	4	0	8	84	9	0	280
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	29	297	106	0	66	379	66	0	44	647	36	0	119	611	119	0	2519
APPROACH %'s :	6.71%	68.75%	24.54%	0.00%	12.92%	74.17%	12.92%	0.00%	6.05%	89.00%	4.95%	0.00%	14.02%	71.97%	14.02%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	16	132	49	0	36	209	37	0	19	369	22	0	68	325	61	0	1343
PEAK HR FACTOR :	0.667	0.805	0.721	0.000	0.643	0.843	0.712	0.000	0.679	0.923	0.611	0.000	0.810	0.923	0.635	0.000	0.954
	0.821				0.860				0.899				0.938				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	1	1	0	1	1	1	0	1	1	1	0	1	1	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	8	53	21	0	17	74	7	0	11	104	6	0	31	93	14	0	439
4:15 PM	4	50	23	0	12	58	2	0	4	103	9	0	23	92	21	0	401
4:30 PM	3	53	17	0	13	59	1	0	8	86	4	0	31	98	23	0	396
4:45 PM	2	40	22	0	11	52	5	0	6	111	12	0	22	106	19	0	408
5:00 PM	3	54	16	0	15	69	2	0	7	89	8	0	19	85	21	0	388
5:15 PM	7	66	17	0	13	58	5	0	6	103	12	0	23	85	19	0	414
5:30 PM	2	52	20	0	19	73	6	0	8	89	4	0	11	93	16	0	393
5:45 PM	5	39	28	0	18	57	4	0	9	116	7	0	28	61	15	0	387
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	34	407	164	0	118	500	32	0	59	801	62	0	188	713	148	0	3226
APPROACH %'s :	5.62%	67.27%	27.11%	0.00%	18.15%	76.92%	4.92%	0.00%	6.40%	86.88%	6.72%	0.00%	17.92%	67.97%	14.11%	0.00%	
PEAK HR :	04:00 PM - 05:00 PM																TOTAL
PEAK HR VOL :	17	196	83	0	53	243	15	0	29	404	31	0	107	389	77	0	1644
PEAK HR FACTOR :	0.531	0.925	0.902	0.000	0.779	0.821	0.536	0.000	0.659	0.910	0.646	0.000	0.863	0.917	0.837	0.000	0.936
	0.902				0.793				0.899				0.942				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Palm Ave & W Esplanade Ave
City: San Jacinto
Control: Signalized

Project ID: 23-030069-017
Date: 11/2/2023

Data - Totals

NS/EW Streets:	Palm Ave				Palm Ave				W Esplanade Ave				W Esplanade Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	1	0	0	1	1	1	0	1	1	0	0	1	1	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	6	22	9	0	13	22	5	0	3	77	6	0	8	62	5	0	238
7:15 AM	10	35	23	0	8	33	6	0	3	77	4	0	13	70	12	0	294
7:30 AM	6	44	18	0	11	36	10	0	9	85	5	0	10	97	7	0	338
7:45 AM	14	50	28	0	22	46	10	0	5	117	6	0	23	73	7	0	401
8:00 AM	12	69	21	0	29	65	17	0	12	89	5	0	11	83	10	0	423
8:15 AM	5	58	21	0	25	54	26	0	21	86	3	0	19	84	14	0	416
8:30 AM	6	49	17	0	38	52	22	0	12	92	4	0	16	77	10	0	395
8:45 AM	15	23	21	0	15	42	5	0	6	85	3	0	16	86	8	0	325
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	74	350	158	0	161	350	101	0	71	708	36	0	116	632	73	0	2830
APPROACH %'s :	12.71%	60.14%	27.15%	0.00%	26.31%	57.19%	16.50%	0.00%	8.71%	86.87%	4.42%	0.00%	14.13%	76.98%	8.89%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	37	226	87	0	114	217	75	0	50	384	18	0	69	317	41	0	1635
PEAK HR FACTOR :	0.661	0.819	0.777	0.000	0.750	0.835	0.721	0.000	0.595	0.821	0.750	0.000	0.750	0.943	0.732	0.000	0.966
	0.858				0.906				0.883				0.912				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	1	0	0	1	1	1	0	1	1	0	0	1	1	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	8	28	22	0	25	60	11	0	10	120	11	0	31	121	18	0	465
4:15 PM	10	38	26	0	18	44	16	0	8	112	11	0	29	115	19	0	446
4:30 PM	16	25	37	0	11	33	5	0	3	109	6	0	24	135	21	0	425
4:45 PM	12	32	33	0	20	36	11	0	9	123	10	0	23	118	24	0	451
5:00 PM	14	36	27	0	11	38	5	0	9	99	7	0	28	133	24	0	431
5:15 PM	8	23	23	0	18	23	7	0	6	116	8	0	21	102	19	0	374
5:30 PM	9	33	19	0	20	41	4	0	6	123	5	0	24	109	17	0	410
5:45 PM	5	51	22	0	19	28	7	0	6	123	12	0	22	96	10	0	401
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	82	266	209	0	142	303	66	0	57	925	70	0	202	929	152	0	3403
APPROACH %'s :	14.72%	47.76%	37.52%	0.00%	27.79%	59.30%	12.92%	0.00%	5.42%	87.93%	6.65%	0.00%	15.74%	72.41%	11.85%	0.00%	
PEAK HR :	04:00 PM - 05:00 PM																TOTAL
PEAK HR VOL :	46	123	118	0	74	173	43	0	30	464	38	0	107	489	82	0	1787
PEAK HR FACTOR :	0.719	0.809	0.797	0.000	0.740	0.721	0.672	0.000	0.750	0.943	0.864	0.000	0.863	0.906	0.854	0.000	0.961
	0.920				0.755				0.937				0.942				

National Data & Surveying Services

Intersection Turning Movement Count

Location: S State St & W Esplanade Ave
City: San Jacinto
Control: Signalized

Project ID: 23-030069-018
Date: 11/2/2023

Data - Totals

NS/EW Streets:	S State St				S State St				W Esplanade Ave				W Esplanade Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	0	0	1	2	0	0	1	2	0	0	1	2	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	6	130	23	0	23	90	5	0	4	76	9	0	17	66	24	0	473
7:15 AM	5	111	30	0	39	92	11	0	16	82	5	0	18	85	33	0	527
7:30 AM	7	114	20	0	39	116	15	0	13	79	10	0	24	105	40	0	582
7:45 AM	17	127	33	0	38	145	20	0	13	102	16	0	23	114	30	0	678
8:00 AM	16	128	22	0	50	130	16	0	18	102	8	0	22	115	43	1	671
8:15 AM	11	109	21	0	41	117	21	0	16	85	13	0	22	128	24	1	609
8:30 AM	16	127	15	0	39	140	18	0	18	107	12	0	12	92	39	1	636
8:45 AM	9	91	18	0	48	120	11	0	16	84	14	0	20	93	35	2	561
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	87	937	182	0	317	950	117	0	114	717	87	0	158	798	268	5	4737
APPROACH %'s :	7.21%	77.69%	15.09%	0.00%	22.90%	68.64%	8.45%	0.00%	12.42%	78.10%	9.48%	0.00%	12.86%	64.93%	21.81%	0.41%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	60	491	91	0	168	532	75	0	65	396	49	0	79	449	136	3	2594
PEAK HR FACTOR :	0.882	0.959	0.689	0.000	0.840	0.917	0.893	0.000	0.903	0.925	0.766	0.000	0.859	0.877	0.791	0.750	0.956
	0.907				0.954				0.931				0.921				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	0	0	1	2	0	0	1	2	0	0	1	2	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	16	117	39	0	60	194	22	0	14	123	23	0	32	113	35	0	788
4:15 PM	10	125	39	0	50	171	30	0	18	135	15	0	28	138	31	0	790
4:30 PM	16	126	34	0	63	134	22	0	23	106	13	0	39	143	53	2	774
4:45 PM	22	114	36	0	48	143	30	0	22	117	23	0	24	144	48	0	771
5:00 PM	21	132	41	0	75	170	18	0	12	115	20	0	27	133	40	1	805
5:15 PM	25	110	32	0	51	130	19	0	19	108	13	0	24	135	31	0	697
5:30 PM	21	141	21	0	53	143	25	0	18	118	20	0	16	134	27	0	737
5:45 PM	22	99	32	0	41	128	22	0	14	120	13	0	27	147	45	3	713
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	153	964	274	0	441	1213	188	0	140	942	140	0	217	1087	310	6	6075
APPROACH %'s :	11.00%	69.30%	19.70%	0.00%	23.94%	65.85%	10.21%	0.00%	11.46%	77.09%	11.46%	0.00%	13.40%	67.10%	19.14%	0.37%	
PEAK HR :	04:15 PM - 05:15 PM																TOTAL
PEAK HR VOL :	69	497	150	0	236	618	100	0	75	473	71	0	118	558	172	3	3140
PEAK HR FACTOR :	0.784	0.941	0.915	0.000	0.787	0.904	0.833	0.000	0.815	0.876	0.772	0.000	0.756	0.969	0.811	0.375	0.975
	0.923				0.907				0.921				0.898				

National Data & Surveying Services

Intersection Turning Movement Count

Location: N Sanderson Ave & N Ramona Blvd
City: San Jacinto
Control: Signalized

Project ID: 23-030069-019
Date: 11/2/2023

Data - Totals

NS/EW Streets:	N Sanderson Ave				N Sanderson Ave				N Ramona Blvd				N Ramona Blvd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	2	1	0	1	2	0	0	0	0	0	0	1	0	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	0	248	6	0	20	141	0	0	0	0	0	0	12	0	50	0	477
7:15 AM	0	246	8	0	14	122	0	0	0	0	0	0	15	0	42	0	447
7:30 AM	0	233	9	0	27	130	0	0	0	0	0	0	16	0	33	0	448
7:45 AM	0	233	10	0	27	152	0	0	0	0	0	0	21	0	26	0	469
8:00 AM	0	186	15	0	20	122	0	0	0	0	0	0	14	0	36	0	393
8:15 AM	0	216	8	0	21	151	0	0	0	0	0	0	20	0	40	0	456
8:30 AM	0	179	8	0	25	129	0	0	0	0	0	0	10	0	26	0	377
8:45 AM	0	187	2	0	15	99	0	0	0	0	0	0	4	0	19	0	326
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	1728	66	0	169	1046	0	0	0	0	0	0	112	0	272	0	3393
APPROACH %'s :	0.00%	96.32%	3.68%	0.00%	13.91%	86.09%	0.00%	0.00%					29.17%	0.00%	70.83%	0.00%	
PEAK HR :	07:00 AM - 08:00 AM																TOTAL
PEAK HR VOL :	0	960	33	0	88	545	0	0	0	0	0	0	64	0	151	0	1841
PEAK HR FACTOR :	0.000	0.968	0.825	0.000	0.815	0.896	0.000	0.000	0.000	0.000	0.000	0.000	0.762	0.000	0.755	0.000	0.965
		0.977				0.884								0.867			

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	2	1	0	1	2	0	0	0	0	0	0	1	0	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	0	159	15	0	55	284	0	0	0	0	0	0	15	0	32	0	560
4:15 PM	0	176	16	0	45	282	0	0	0	0	0	0	10	0	27	0	556
4:30 PM	0	154	20	0	70	273	0	0	0	0	0	0	13	0	16	0	546
4:45 PM	0	156	9	0	56	245	0	0	0	0	0	0	11	0	21	0	498
5:00 PM	0	153	20	0	70	263	0	0	0	0	0	0	9	0	23	0	538
5:15 PM	0	150	14	0	68	246	0	0	0	0	0	0	7	0	28	0	513
5:30 PM	0	200	16	0	56	269	0	0	0	0	0	0	4	0	16	0	561
5:45 PM	0	132	12	0	63	238	0	0	0	0	0	0	9	0	17	0	471
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	1280	122	0	483	2100	0	0	0	0	0	0	78	0	180	0	4243
APPROACH %'s :	0.00%	91.30%	8.70%	0.00%	18.70%	81.30%	0.00%	0.00%					30.23%	0.00%	69.77%	0.00%	
PEAK HR :	04:00 PM - 05:00 PM																TOTAL
PEAK HR VOL :	0	645	60	0	226	1084	0	0	0	0	0	0	49	0	96	0	2160
PEAK HR FACTOR :	0.000	0.916	0.750	0.000	0.807	0.954	0.000	0.000	0.000	0.000	0.000	0.000	0.817	0.000	0.750	0.000	0.964
		0.918				0.955								0.771			

National Data & Surveying Services

Intersection Turning Movement Count

Location: N Sanderson Ave & Ramona Expy
City: San Jacinto
Control: Signalized

Project ID: 23-030069-020
Date: 11/2/2023

Data - Totals

NS/EW Streets:	N Sanderson Ave				N Sanderson Ave				Ramona Expy				Ramona Expy				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	2	2	1	0	2	2	1	0	2	2	1	0	2	2	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	32	244	4	0	130	133	74	0	113	72	13	0	11	146	203	0	1175
7:15 AM	48	250	8	0	146	118	79	0	88	76	10	0	10	133	176	0	1142
7:30 AM	29	207	9	0	125	131	101	0	132	80	22	0	6	112	142	0	1096
7:45 AM	34	223	23	0	131	137	64	0	104	98	24	0	14	98	166	0	1116
8:00 AM	24	143	10	0	140	126	74	0	101	81	17	0	10	109	136	0	971
8:15 AM	33	256	12	0	129	135	67	0	124	69	11	0	15	64	151	0	1066
8:30 AM	10	182	6	0	113	128	67	0	113	87	12	0	14	81	167	0	980
8:45 AM	24	183	6	0	123	100	66	0	80	68	10	0	6	58	146	0	870
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	234	1688	78	0	1037	1008	592	0	855	631	119	0	86	801	1287	0	8416
APPROACH %'s :	11.70%	84.40%	3.90%	0.00%	39.32%	38.23%	22.45%	0.00%	53.27%	39.31%	7.41%	0.00%	3.96%	36.84%	59.20%	0.00%	
PEAK HR :	07:00 AM - 08:00 AM																TOTAL
PEAK HR VOL :	143	924	44	0	532	519	318	0	437	326	69	0	41	489	687	0	4529
PEAK HR FACTOR :	0.745	0.924	0.478	0.000	0.911	0.947	0.787	0.000	0.828	0.832	0.719	0.000	0.732	0.837	0.846	0.000	0.964
	0.908				0.959				0.889				0.845				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	2	2	1	0	2	2	1	0	2	2	1	0	2	2	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	27	166	4	0	152	280	97	0	96	160	31	0	18	103	145	0	1279
4:15 PM	28	160	12	0	163	283	125	0	108	153	34	0	15	90	121	0	1292
4:30 PM	18	147	8	0	146	285	107	0	101	141	40	0	13	101	130	0	1237
4:45 PM	17	148	12	0	183	268	100	0	113	138	32	0	10	84	105	0	1210
5:00 PM	24	128	6	0	152	271	113	0	100	166	40	0	13	105	108	0	1226
5:15 PM	28	164	4	0	187	264	117	0	109	118	39	0	11	105	115	0	1261
5:30 PM	19	190	5	0	173	273	102	0	108	127	43	0	16	100	108	0	1264
5:45 PM	29	118	4	0	179	250	100	0	80	164	38	0	8	109	132	0	1211
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	190	1221	55	0	1335	2174	861	0	815	1167	297	0	104	797	964	0	9980
APPROACH %'s :	12.96%	83.29%	3.75%	0.00%	30.55%	49.75%	19.70%	0.00%	35.76%	51.21%	13.03%	0.00%	5.58%	42.73%	51.69%	0.00%	
PEAK HR :	04:00 PM - 05:00 PM																TOTAL
PEAK HR VOL :	90	621	36	0	644	1116	429	0	418	592	137	0	56	378	501	0	5018
PEAK HR FACTOR :	0.804	0.935	0.750	0.000	0.880	0.979	0.858	0.000	0.925	0.925	0.856	0.000	0.778	0.917	0.864	0.000	0.971
	0.934				0.958				0.972				0.879				

Prepared by National Data & Surveying Services

VOLUME

W 7th St Bet. Karpick St & Cawston Avenue

Day: Thursday
Date: 11/2/2023

City: San Jacinto
Project #: CA23_030070_001

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	1,262	1,368	2,630

DAILY TOTALS

15-Minutes Interval

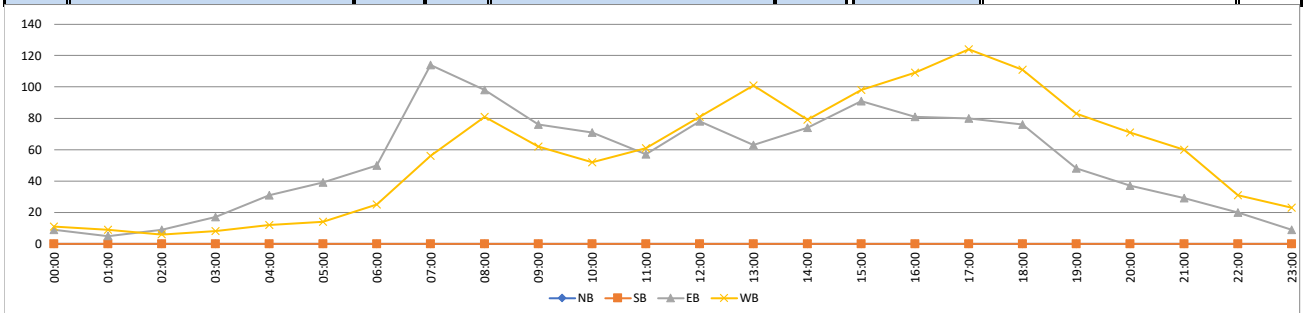
TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL
00:00			2	3	5	12:00			13	14	27
00:15			4	2	6	12:15			24	21	45
00:30			1	3	4	12:30			19	25	44
00:45			2	3	5	12:45			22	21	43
01:00			1	5	6	13:00			16	22	38
01:15			1	1	2	13:15			21	27	48
01:30			1	2	3	13:30			16	28	44
01:45			2	1	3	13:45			10	24	34
02:00			1	2	3	14:00			21	16	37
02:15			2	1	3	14:15			14	19	33
02:30			4	1	5	14:30			20	21	41
02:45			2	2	4	14:45			19	23	42
03:00			2	1	3	15:00			23	21	44
03:15			2	3	5	15:15			20	23	43
03:30			4	2	6	15:30			21	29	50
03:45			9	2	11	15:45			27	25	52
04:00			7	3	10	16:00			24	31	55
04:15			11	4	15	16:15			18	23	41
04:30			6	3	9	16:30			17	26	43
04:45			7	2	9	16:45			22	29	51
05:00			13	7	20	17:00			22	25	47
05:15			6	2	8	17:15			25	34	59
05:30			10	3	13	17:30			20	39	59
05:45			10	2	12	17:45			13	26	39
06:00			7	2	9	18:00			12	37	49
06:15			12	6	18	18:15			25	24	49
06:30			12	10	22	18:30			20	21	41
06:45			19	7	26	18:45			19	29	48
07:00			29	14	43	19:00			11	27	38
07:15			30	12	42	19:15			11	24	35
07:30			30	15	45	19:30			9	14	23
07:45			25	15	40	19:45			17	18	35
08:00			26	21	47	20:00			8	21	29
08:15			33	27	60	20:15			10	20	30
08:30			17	16	33	20:30			7	15	22
08:45			22	17	39	20:45			12	15	27
09:00			18	18	36	21:00			7	20	27
09:15			16	18	34	21:15			10	12	22
09:30			21	13	34	21:30			3	18	21
09:45			21	13	34	21:45			9	10	19
10:00			20	11	31	22:00			5	11	16
10:15			14	13	27	22:15			9	11	20
10:30			17	14	31	22:30			5	6	11
10:45			20	14	34	22:45			1	3	4
11:00			19	12	31	23:00			3	7	10
11:15			15	17	32	23:15			2	7	9
11:30			10	16	26	23:30			3	6	9
11:45			13	16	29	23:45			1	3	4
TOTALS	0	0	576	397	973	TOTALS	0	0	686	971	1657
SPLIT %	0%	0%	59%	41%	37%	SPLIT %	0%	0%	41%	59%	63%

Hourly Intervals

TIME		NB	SB	EB	WB	TOTAL
00:00	01:00			9	11	20
01:00	02:00			5	9	14
02:00	03:00			9	6	15
03:00	04:00			17	8	25
04:00	05:00			31	12	43
05:00	06:00			39	14	53
06:00	07:00			50	25	75
07:00	08:00			114	56	170
08:00	09:00			98	81	179
09:00	10:00			76	62	138
10:00	11:00			71	52	123
11:00	12:00			57	61	118
12:00	13:00			78	81	159
13:00	14:00			63	101	164
14:00	15:00			74	79	153
15:00	16:00			91	98	189
16:00	17:00			81	109	190
17:00	18:00			80	124	204
18:00	19:00			76	111	187
19:00	20:00			48	83	131
20:00	21:00			37	71	108
21:00	22:00			29	60	89
22:00	23:00			20	31	51
23:00	00:00			9	23	32

STATISTICS

	NB	SB	EB	WB	TOTAL
Peak Period	00:00	to	12:00		
Volume			576	397	973
Peak Hour			7:00	8:00	7:30
Peak Volume			114	81	192
Peak Hour Factor			0.950	0.750	0.800
Peak Period	12:00	to	00:00		
Volume			686	971	1657
Peak Hour			15:15	17:15	16:45
Peak Volume			92	136	216
Peak Hour Factor			0.852	0.872	0.915
Peak Period	07:00	to	09:00		
Volume			212	137	349
Peak Hour			7:00	8:00	7:30
Peak Volume			114	81	192
Peak Hour Factor			0.950	0.750	0.800
Peak Period	16:00	to	18:00		
Volume			161	233	394
Peak Hour			16:45	16:45	16:45
Peak Volume			89	127	216
Peak Hour Factor			0.890	0.814	0.915



Prepared by National Data & Surveying Services

VOLUME

Cawston Ave Bet. W 7th St & W Esplanade Ave

Day: Thursday
Date: 11/2/2023

City: San Jacinto
Project #: CA23_030070_002

DAILY TOTALS	NB	SB	EB	WB	Total
	2,341	2,584	0	0	4,925

DAILY TOTALS

15-Minutes Interval

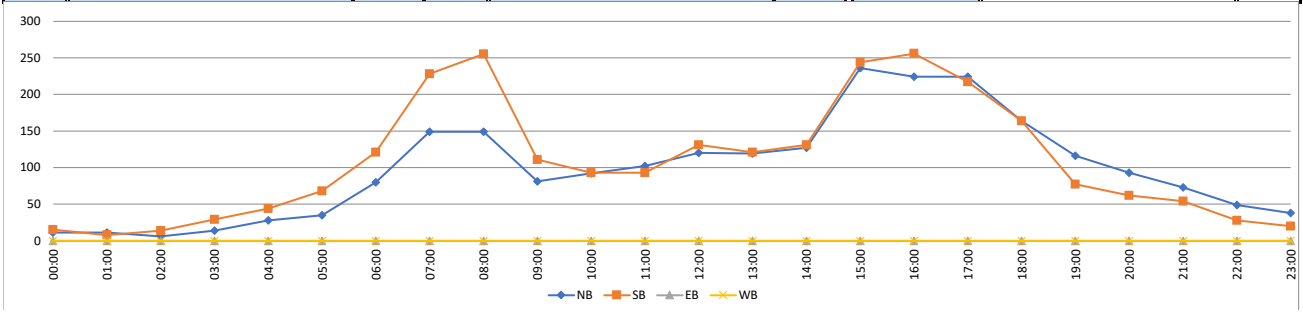
TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL
00:00	1	3			4	12:00	27	28			55
00:15	3	5			8	12:15	32	41			73
00:30	2	4			6	12:30	25	32			57
00:45	5	3			8	12:45	36	30			66
01:00	3	2			5	13:00	37	29			66
01:15	2	1			3	13:15	35	26			61
01:30	4	3			7	13:30	25	43			68
01:45	2	2			4	13:45	22	23			45
02:00	1	2			3	14:00	21	31			52
02:15	2	3			5	14:15	38	29			67
02:30	1	7			8	14:30	32	39			71
02:45	2	2			4	14:45	36	32			68
03:00	6	4			10	15:00	47	62			109
03:15	2	5			7	15:15	45	64			109
03:30	2	7			9	15:30	69	57			126
03:45	4	13			17	15:45	75	61			136
04:00	2	8			10	16:00	63	57			120
04:15	8	14			22	16:15	49	69			118
04:30	11	9			20	16:30	57	58			115
04:45	7	13			20	16:45	55	72			127
05:00	8	19			27	17:00	53	58			111
05:15	8	13			21	17:15	54	58			112
05:30	9	18			27	17:30	67	50			117
05:45	10	18			28	17:45	50	51			101
06:00	11	32			43	18:00	46	53			99
06:15	20	25			45	18:15	41	38			79
06:30	26	29			55	18:30	37	31			68
06:45	23	35			58	18:45	40	42			82
07:00	34	49			83	19:00	31	25			56
07:15	52	62			114	19:15	27	16			43
07:30	42	57			99	19:30	31	18			49
07:45	21	60			81	19:45	27	18			45
08:00	34	65			99	20:00	25	23			48
08:15	35	101			136	20:15	30	16			46
08:30	40	42			82	20:30	21	13			34
08:45	40	47			87	20:45	17	10			27
09:00	28	34			62	21:00	25	19			44
09:15	21	20			41	21:15	12	19			31
09:30	14	30			44	21:30	25	7			32
09:45	18	27			45	21:45	11	9			20
10:00	21	17			38	22:00	12	6			18
10:15	17	25			42	22:15	16	7			23
10:30	25	26			51	22:30	10	6			16
10:45	29	25			54	22:45	11	9			20
11:00	22	29			51	23:00	10	6			16
11:15	22	23			45	23:15	11	9			20
11:30	30	18			48	23:30	11	3			14
11:45	28	23			51	23:45	6	2			8
TOTALS	758	1079	0	0	1837	TOTALS	1583	1505	0	0	3088
SPLIT %	41%	59%	0%	0%	37%	SPLIT %	51%	49%	0%	0%	63%

Hourly Intervals

TIME		NB	SB	EB	WB	TOTAL
00:00	01:00	11	15			26
01:00	02:00	11	8			19
02:00	03:00	6	14			20
03:00	04:00	14	29			43
04:00	05:00	28	44			72
05:00	06:00	35	68			103
06:00	07:00	80	121			201
07:00	08:00	149	228			377
08:00	09:00	149	255			404
09:00	10:00	81	111			192
10:00	11:00	92	93			185
11:00	12:00	102	93			195
12:00	13:00	120	131			251
13:00	14:00	119	121			240
14:00	15:00	127	131			258
15:00	16:00	236	244			480
16:00	17:00	224	256			480
17:00	18:00	224	217			441
18:00	19:00	164	164			328
19:00	20:00	116	77			193
20:00	21:00	93	62			155
21:00	22:00	73	54			127
22:00	23:00	49	28			77
23:00	00:00	38	20			58

STATISTICS

	NB	SB	EB	WB	TOTAL
Peak Period	00:00	to	12:00		
Volume	758	1079			1837
Peak Hour	6:45	7:30			7:30
Peak Volume	151	283			415
Peak Hour Factor	0.726	0.700			0.763
Peak Period	12:00	to	00:00		
Volume	1583	1505			3088
Peak Hour	15:30	16:15			15:30
Peak Volume	256	257			500
Peak Hour Factor	0.853	0.892			0.919
Peak Period	07:00	to	09:00		
Volume	298	483			781
Peak Hour	7:00	7:30			7:30
Peak Volume	149	283			415
Peak Hour Factor	0.716	0.700			0.763
Peak Period	16:00	to	18:00		
Volume	448	473			921
Peak Hour	16:45	16:15			16:00
Peak Volume	229	257			480
Peak Hour Factor	0.854	0.892			0.945



Prepared by National Data & Surveying Services

VOLUME

Cawston Ave Bet. W Esplanade Ave to Eaton Ave

Day: Thursday
Date: 11/2/2023

City: Hemet
Project #: CA23_030070_003

DAILY TOTALS	NB	SB	EB	WB	Total
	3,495	3,963	0	0	7,458

DAILY TOTALS

15-Minutes Interval

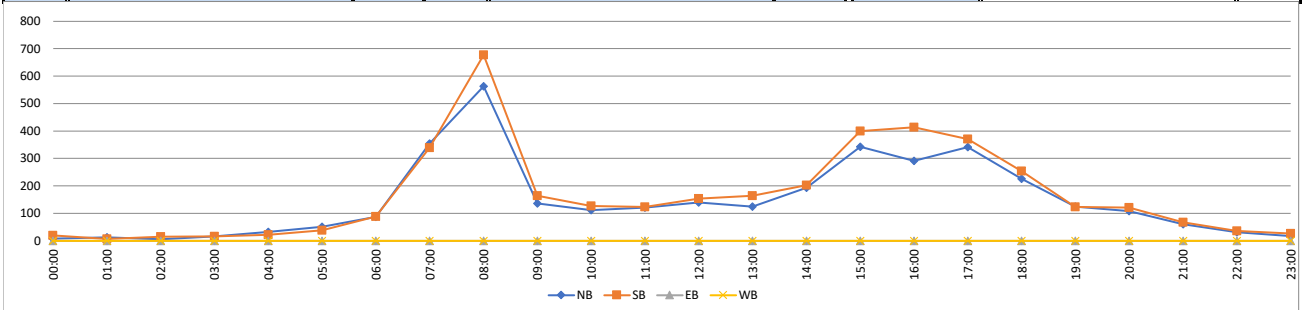
TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL
00:00	1	3			4	12:00	32	29			61
00:15	2	7			9	12:15	35	44			79
00:30	4	5			9	12:30	33	39			72
00:45	1	4			5	12:45	40	41			81
01:00	3	2			5	13:00	29	37			66
01:15	5	1			6	13:15	47	41			88
01:30	3	1			4	13:30	25	42			67
01:45	1	3			4	13:45	23	44			67
02:00	1	5			6	14:00	30	44			74
02:15	2	3			5	14:15	84	47			131
02:30	1	2			3	14:30	36	66			102
02:45	2	5			7	14:45	43	45			88
03:00	4	2			6	15:00	72	58			130
03:15	3	2			5	15:15	93	91			184
03:30	3	4			7	15:30	79	169			248
03:45	6	8			14	15:45	98	81			179
04:00	5	3			8	16:00	67	96			163
04:15	10	5			15	16:15	79	96			175
04:30	7	5			12	16:30	68	106			174
04:45	10	9			19	16:45	77	115			192
05:00	10	6			16	17:00	91	82			173
05:15	13	9			22	17:15	77	115			192
05:30	17	11			28	17:30	104	105			209
05:45	11	12			23	17:45	69	68			137
06:00	14	14			28	18:00	65	79			144
06:15	21	15			36	18:15	54	70			124
06:30	22	17			39	18:30	65	50			115
06:45	30	42			72	18:45	42	55			97
07:00	65	69			134	19:00	25	34			59
07:15	118	87			205	19:15	31	32			63
07:30	89	89			178	19:30	37	30			67
07:45	82	94			176	19:45	31	27			58
08:00	180	146			326	20:00	33	40			73
08:15	197	232			429	20:15	29	24			53
08:30	116	202			318	20:30	21	26			47
08:45	70	97			167	20:45	25	31			56
09:00	54	64			118	21:00	16	21			37
09:15	37	34			71	21:15	16	17			33
09:30	24	39			63	21:30	16	22			38
09:45	21	27			48	21:45	12	7			19
10:00	20	30			50	22:00	6	8			14
10:15	30	33			63	22:15	8	9			17
10:30	23	31			54	22:30	10	13			23
10:45	39	33			72	22:45	7	6			13
11:00	31	27			58	23:00	2	6			8
11:15	31	28			59	23:15	4	9			13
11:30	30	37			67	23:30	10	6			16
11:45	29	31			60	23:45	1	5			6
TOTALS	1498	1635	0	0	3133	TOTALS	1997	2328	0	0	4325
SPLIT %	48%	52%	0%	0%	42%	SPLIT %	46%	54%	0%	0%	58%

Hourly Intervals

TIME		NB	SB	EB	WB	TOTAL
00:00	01:00	8	19			27
01:00	02:00	12	7			19
02:00	03:00	6	15			21
03:00	04:00	16	16			32
04:00	05:00	32	22			54
05:00	06:00	51	38			89
06:00	07:00	87	88			175
07:00	08:00	354	339			693
08:00	09:00	563	677			1240
09:00	10:00	136	164			300
10:00	11:00	112	127			239
11:00	12:00	121	123			244
12:00	13:00	140	153			293
13:00	14:00	124	164			288
14:00	15:00	193	202			395
15:00	16:00	342	399			741
16:00	17:00	291	413			704
17:00	18:00	341	370			711
18:00	19:00	226	254			480
19:00	20:00	124	123			247
20:00	21:00	108	121			229
21:00	22:00	60	67			127
22:00	23:00	31	36			67
23:00	00:00	17	26			43

STATISTICS

	NB	SB	EB	WB	TOTAL
Peak Period	00:00	to	12:00		
Volume	1498	1635			3133
Peak Hour	7:45	8:00			7:45
Peak Volume	575	677			1249
Peak Hour Factor	0.730	0.730			0.728
Peak Period	12:00	to	00:00		
Volume	1997	2328			4325
Peak Hour	16:45	15:30			15:15
Peak Volume	349	442			774
Peak Hour Factor	0.839	0.654			0.780
Peak Period	07:00	to	09:00		
Volume	917	1016			1933
Peak Hour	7:45	8:00			7:45
Peak Volume	575	677			1249
Peak Hour Factor	0.730	0.730			0.728
Peak Period	16:00	to	18:00		
Volume	632	783			1415
Peak Hour	16:45	16:30			16:45
Peak Volume	349	418			766
Peak Hour Factor	0.839	0.909			0.916



Appendix B - SimTraffic Reports - Existing Conditions

Summary of All Intervals

Run Number	1	2	3	4	5	6	7
Start Time	7:25	7:25	7:25	7:25	7:25	7:25	7:25
End Time	8:30	8:30	8:30	8:30	8:30	8:30	8:30
Total Time (min)	65	65	65	65	65	65	65
Time Recorded (min)	60	60	60	60	60	60	60
# of Intervals	2	2	2	2	2	2	2
# of Recorded Intervals	1	1	1	1	1	1	1
Vehs Entered	13112	12986	13110	13139	13246	13402	13362
Vehs Exited	13030	12987	13025	13108	13164	13374	13296
Starting Vehs	506	482	451	487	481	473	449
Ending Vehs	588	481	536	518	563	501	515
Denied Entry Before	1	5	3	3	2	2	4
Denied Entry After	4	3	1	4	2	5	3
Travel Distance (mi)	14900	14746	14768	14913	14975	15159	15135
Travel Time (hr)	522.8	517.9	521.5	525.4	527.5	544.4	540.7
Total Delay (hr)	175.1	173.9	177.0	176.9	178.1	189.3	186.6
Total Stops	21613	21348	21373	21506	21780	22208	22165
Fuel Used (gal)	577.9	573.0	574.1	580.6	581.3	590.4	590.2

Summary of All Intervals

Run Number	8	9	10	Avg
Start Time	7:25	7:25	7:25	7:25
End Time	8:30	8:30	8:30	8:30
Total Time (min)	65	65	65	65
Time Recorded (min)	60	60	60	60
# of Intervals	2	2	2	2
# of Recorded Intervals	1	1	1	1
Vehs Entered	13211	13137	13348	13201
Vehs Exited	13199	13102	13264	13152
Starting Vehs	479	445	491	463
Ending Vehs	491	480	575	508
Denied Entry Before	6	5	2	1
Denied Entry After	3	5	3	0
Travel Distance (mi)	15032	14914	15172	14971
Travel Time (hr)	533.3	524.5	554.7	531.3
Total Delay (hr)	181.5	175.7	200.4	181.4
Total Stops	21824	21582	22203	21759
Fuel Used (gal)	583.7	580.8	591.8	582.4

Interval #0 Information Seeding

Start Time	7:25
End Time	7:30
Total Time (min)	5

Volumes adjusted by Growth Factors.

No data recorded this interval.

Interval #1 Information Recording

Start Time	7:30
End Time	8:30
Total Time (min)	60

Volumes adjusted by Growth Factors.

Run Number	1	2	3	4	5	6	7
Vehs Entered	13112	12986	13110	13139	13246	13402	13362
Vehs Exited	13030	12987	13025	13108	13164	13374	13296
Starting Vehs	506	482	451	487	481	473	449
Ending Vehs	588	481	536	518	563	501	515
Denied Entry Before	1	5	3	3	2	2	4
Denied Entry After	4	3	1	4	2	5	3
Travel Distance (mi)	14900	14746	14768	14913	14975	15159	15135
Travel Time (hr)	522.8	517.9	521.5	525.4	527.5	544.4	540.7
Total Delay (hr)	175.1	173.9	177.0	176.9	178.1	189.3	186.6
Total Stops	21613	21348	21373	21506	21780	22208	22165
Fuel Used (gal)	577.9	573.0	574.1	580.6	581.3	590.4	590.2

Interval #1 Information Recording

Start Time	7:30
End Time	8:30
Total Time (min)	60

Volumes adjusted by Growth Factors.

Run Number	8	9	10	Avg
Vehs Entered	13211	13137	13348	13201
Vehs Exited	13199	13102	13264	13152
Starting Vehs	479	445	491	463
Ending Vehs	491	480	575	508
Denied Entry Before	6	5	2	1
Denied Entry After	3	5	3	0
Travel Distance (mi)	15032	14914	15172	14971
Travel Time (hr)	533.3	524.5	554.7	531.3
Total Delay (hr)	181.5	175.7	200.4	181.4
Total Stops	21824	21582	22203	21759
Fuel Used (gal)	583.7	580.8	591.8	582.4

1: Sanderson Ave & Ramona Expy Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.3	0.0	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.3	0.1	0.2
Denied Del/Veh (s)	2.7	0.4	2.6	2.1	0.4	2.1	0.0	0.0	0.0	1.9	0.6	1.9
Total Delay (hr)	6.3	2.6	0.1	0.6	6.1	11.5	1.7	10.3	0.1	6.6	3.4	0.8
Total Del/Veh (s)	48.3	28.3	6.2	51.5	55.2	67.9	51.8	44.1	7.9	45.4	23.2	9.1
Stop Delay (hr)	5.2	1.7	0.1	0.6	4.4	8.3	1.5	7.0	0.1	5.3	1.9	0.4
Stop Del/Veh (s)	40.1	18.7	3.5	46.9	40.1	48.8	45.4	29.8	6.4	36.4	13.2	4.9
Total Stops	419	188	43	40	357	550	106	659	35	439	260	160
Stop/Veh	0.89	0.57	0.54	0.91	0.90	0.90	0.91	0.78	0.67	0.84	0.49	0.51
Travel Dist (mi)	172.3	122.9	29.9	20.9	194.0	299.0	20.5	148.5	9.2	241.9	246.5	145.4
Travel Time (hr)	10.3	4.6	0.8	1.1	9.1	18.1	2.3	13.3	0.4	11.8	7.6	4.0
Vehicles Entered	459	327	79	42	387	598	114	830	51	512	522	307
Vehicles Exited	462	327	79	42	388	592	114	824	51	511	518	306
Hourly Exit Rate	462	327	79	42	388	592	114	824	51	511	518	306
Input Volume	461	328	74	45	383	595	120	829	54	525	529	306
% of Volume	100	100	107	93	101	99	95	99	94	97	98	100
Denied Entry Before	0	0	0	0	0	1	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

1: Sanderson Ave & Ramona Expy Performance by movement

Movement	All
Denied Delay (hr)	1.4
Denied Del/Veh (s)	1.2
Total Delay (hr)	50.1
Total Del/Veh (s)	42.0
Stop Delay (hr)	36.4
Stop Del/Veh (s)	30.5
Total Stops	3256
Stop/Veh	0.76
Travel Dist (mi)	1650.9
Travel Time (hr)	83.2
Vehicles Entered	4228
Vehicles Exited	4214
Hourly Exit Rate	4214
Input Volume	4249
% of Volume	99
Denied Entry Before	1
Denied Entry After	0

2: Sanderson Ave & Ramona Blvd Performance by movement

Movement	NBT	NBR	SBL	SBT	NWL	NWR	All
Denied Delay (hr)	0.1	0.0	0.0	0.0	0.0	0.1	0.2
Denied Del/Veh (s)	0.2	2.5	0.0	0.0	0.3	2.0	0.3
Total Delay (hr)	2.1	0.0	0.6	1.1	0.4	0.2	4.5
Total Del/Veh (s)	8.9	2.6	22.9	7.1	21.4	6.1	9.2
Stop Delay (hr)	0.7	0.0	0.5	0.1	0.4	0.2	1.8
Stop Del/Veh (s)	2.8	1.3	17.4	0.9	18.6	4.5	3.7
Total Stops	233	12	80	64	62	114	565
Stop/Veh	0.27	0.30	0.85	0.12	0.85	0.84	0.32
Travel Dist (mi)	158.6	7.4	17.2	102.2	31.7	59.5	376.6
Travel Time (hr)	5.1	0.2	1.1	3.2	1.2	1.8	12.6
Vehicles Entered	863	40	93	549	72	134	1751
Vehicles Exited	861	40	93	552	71	135	1752
Hourly Exit Rate	861	40	93	552	71	135	1752
Input Volume	868	42	95	555	71	135	1766
% of Volume	99	95	98	99	100	100	99
Denied Entry Before	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0

3: Cawston Ave & Cottonwood Ave Performance by movement

Movement	EBT	EBR	WBL	WBT	NBL	NBR	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	0.1
Total Delay (hr)	0.0	0.0	0.0	0.1	0.1	0.1	0.3
Total Del/Veh (s)	0.3	0.1	2.5	1.2	7.7	2.5	1.6
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Stop Del/Veh (s)	0.0	0.0	0.9	0.0	6.0	2.3	0.8
Total Stops	0	0	15	0	49	72	136
Stop/Veh	0.00	0.00	0.27	0.00	0.98	1.00	0.20
Travel Dist (mi)	38.9	4.6	21.0	76.1	6.5	9.1	156.2
Travel Time (hr)	0.8	0.1	0.5	1.6	0.3	0.4	3.8
Vehicles Entered	248	29	55	217	50	72	671
Vehicles Exited	248	29	55	217	49	72	670
Hourly Exit Rate	248	29	55	217	49	72	670
Input Volume	254	27	54	222	52	73	682
% of Volume	98	107	102	98	94	99	98
Denied Entry Before	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0

4: Sanderson Ave & Cottonwood Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Denied Del/Veh (s)	0.0	0.0	0.9	3.5	0.4	0.2	0.2	0.0	0.1	3.2	0.2	3.0
Total Delay (hr)	0.7	1.5	0.1	0.6	1.1	0.3	0.3	3.6	0.1	0.4	1.9	0.1
Total Del/Veh (s)	25.3	19.6	4.0	28.2	22.6	7.5	35.3	18.7	7.9	29.9	13.9	3.0
Stop Delay (hr)	0.7	1.1	0.1	0.6	0.8	0.2	0.3	1.8	0.0	0.4	1.2	0.0
Stop Del/Veh (s)	23.5	14.7	3.7	25.7	16.0	6.6	30.2	9.2	3.0	27.3	8.2	1.6
Total Stops	88	175	38	67	117	94	32	365	33	44	246	34
Stop/Veh	0.85	0.64	0.68	0.86	0.68	0.70	0.94	0.52	0.55	0.92	0.49	0.50
Travel Dist (mi)	9.4	25.0	5.4	18.8	42.1	33.0	16.0	336.8	29.0	8.2	87.2	11.8
Travel Time (hr)	1.0	2.0	0.3	1.2	2.0	1.2	0.7	11.4	0.9	0.7	3.9	0.5
Vehicles Entered	103	270	56	76	170	133	33	691	59	47	501	68
Vehicles Exited	102	270	56	76	170	134	33	688	59	47	502	68
Hourly Exit Rate	102	270	56	76	170	134	33	688	59	47	502	68
Input Volume	105	272	56	77	174	133	35	680	59	48	515	67
% of Volume	97	99	100	99	98	101	94	101	100	98	97	101
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

4: Sanderson Ave & Cottonwood Ave Performance by movement

Movement	All
Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.4
Total Delay (hr)	10.7
Total Del/Veh (s)	17.4
Stop Delay (hr)	7.1
Stop Del/Veh (s)	11.5
Total Stops	1333
Stop/Veh	0.60
Travel Dist (mi)	622.7
Travel Time (hr)	25.8
Vehicles Entered	2207
Vehicles Exited	2205
Hourly Exit Rate	2205
Input Volume	2221
% of Volume	99
Denied Entry Before	0
Denied Entry After	0

5: 7th St & Karpick St 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)	2.8	0.1	0.0	0.0	0.1	0.1	0.1
Total Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	1.3	0.1	2.1	1.9	4.4	5.0	1.7
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Stop Del/Veh (s)	0.2	0.0	0.4	0.3	3.1	5.0	0.7
Total Stops	0	0	0	0	34	1	35
Stop/Veh	0.00	0.00	0.00	0.00	1.00	1.00	0.18
Travel Dist (mi)	0.2	7.4	6.2	2.7	0.9	0.0	17.4
Travel Time (hr)	0.0	0.2	0.2	0.1	0.1	0.0	0.7
Vehicles Entered	2	78	52	22	34	1	189
Vehicles Exited	2	78	53	23	34	1	191
Hourly Exit Rate	2	78	53	23	34	1	191
Input Volume	2	78	53	24	34	1	192
% of Volume	100	100	100	96	100	100	99
Denied Entry Before	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0

6: Cawston Ave & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Delay (hr)	0.0	0.1	0.0	0.3	0.1	0.0	0.0	0.2	0.1	0.1	0.2	0.0
Total Del/Veh (s)	5.1	8.0	3.3	6.5	7.3	2.3	7.2	9.6	5.8	5.6	8.5	1.7
Stop Delay (hr)	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0
Stop Del/Veh (s)	3.3	3.6	3.2	3.9	3.0	2.1	3.4	3.6	3.3	3.4	3.6	2.1
Total Stops	14	63	35	147	42	31	16	56	59	50	94	18
Stop/Veh	1.00	0.98	0.97	0.99	1.00	0.97	1.00	0.92	0.98	1.00	0.99	1.00
Travel Dist (mi)	1.7	7.6	4.2	32.0	9.0	6.8	7.9	29.4	29.5	9.1	17.2	3.4
Travel Time (hr)	0.1	0.4	0.2	1.3	0.3	0.2	0.3	1.0	1.0	0.4	0.7	0.1
Vehicles Entered	14	64	35	147	41	31	16	60	59	50	94	18
Vehicles Exited	14	64	35	147	41	31	16	60	59	50	95	18
Hourly Exit Rate	14	64	35	147	41	31	16	60	59	50	95	18
Input Volume	14	63	36	151	43	33	16	60	60	48	95	18
% of Volume	100	102	97	97	95	94	100	100	98	104	100	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

6: Cawston Ave & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.0
Total Delay (hr)	1.2
Total Del/Veh (s)	6.7
Stop Delay (hr)	0.6
Stop Del/Veh (s)	3.4
Total Stops	625
Stop/Veh	0.99
Travel Dist (mi)	157.9
Travel Time (hr)	6.1
Vehicles Entered	629
Vehicles Exited	630
Hourly Exit Rate	630
Input Volume	637
% of Volume	99
Denied Entry Before	0
Denied Entry After	0

7: Sanderson Ave & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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)	0.5	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.2	0.3	0.0	0.4	0.4	0.1	0.2	3.0	0.3	0.3	2.0	0.1
Total Del/Veh (s)	13.0	9.0	4.1	13.4	8.7	3.4	24.7	15.5	12.8	29.3	12.9	5.8
Stop Delay (hr)	0.1	0.2	0.0	0.3	0.2	0.1	0.1	1.0	0.1	0.3	0.7	0.0
Stop Del/Veh (s)	10.9	4.5	3.4	11.2	4.6	3.1	17.4	5.1	4.9	23.9	4.5	2.2
Total Stops	31	52	17	71	68	39	21	296	43	36	233	18
Stop/Veh	0.74	0.41	0.57	0.71	0.43	0.50	0.84	0.43	0.54	0.90	0.41	0.50
Travel Dist (mi)	10.7	31.7	7.6	12.7	20.3	10.0	12.4	330.0	39.4	19.8	277.2	17.8
Travel Time (hr)	0.4	1.0	0.2	0.8	0.8	0.4	0.5	9.8	1.2	0.8	7.9	0.5
Vehicles Entered	42	125	30	99	157	78	25	680	78	39	560	35
Vehicles Exited	42	125	30	99	158	78	25	680	78	39	559	35
Hourly Exit Rate	42	125	30	99	158	78	25	680	78	39	559	35
Input Volume	41	123	33	102	165	78	25	673	76	41	573	34
% of Volume	102	102	91	97	96	100	100	101	103	95	98	103
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

7: Sanderson Ave & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.0
Total Delay (hr)	7.2
Total Del/Veh (s)	13.1
Stop Delay (hr)	3.1
Stop Del/Veh (s)	5.7
Total Stops	925
Stop/Veh	0.47
Travel Dist (mi)	789.5
Travel Time (hr)	24.4
Vehicles Entered	1948
Vehicles Exited	1948
Hourly Exit Rate	1948
Input Volume	1964
% of Volume	99
Denied Entry Before	0
Denied Entry After	0

8: Kirby St & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	4.0
Total Delay (hr)	0.0	0.7	0.0	0.2	1.2	0.1	0.0	0.4	0.1	0.1	0.3	0.0
Total Del/Veh (s)	8.1	11.7	4.3	10.7	15.3	8.6	9.0	11.6	6.3	6.6	10.2	4.4
Stop Delay (hr)	0.0	0.3	0.0	0.1	0.4	0.0	0.0	0.1	0.1	0.0	0.1	0.0
Stop Del/Veh (s)	4.6	4.4	3.1	4.3	4.4	4.0	4.5	4.2	3.6	4.0	4.3	3.4
Total Stops	10	212	30	60	283	23	18	105	53	42	98	16
Stop/Veh	1.00	0.99	1.00	0.97	0.98	0.96	0.95	0.88	0.98	0.98	0.99	1.00
Travel Dist (mi)	3.5	75.2	10.9	30.0	140.6	11.5	9.2	55.6	26.6	5.0	11.6	1.9
Travel Time (hr)	0.1	2.4	0.3	0.9	4.4	0.4	0.3	1.8	0.8	0.2	0.6	0.1
Vehicles Entered	10	212	30	61	284	23	19	117	53	42	98	16
Vehicles Exited	10	211	30	60	284	23	18	117	53	42	98	16
Hourly Exit Rate	10	211	30	60	284	23	18	117	53	42	98	16
Input Volume	9	212	27	63	289	24	21	116	55	44	100	18
% of Volume	111	100	111	95	98	96	86	101	96	95	98	89
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

8: Kirby St & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.1
Total Delay (hr)	3.1
Total Del/Veh (s)	11.6
Stop Delay (hr)	1.2
Stop Del/Veh (s)	4.3
Total Stops	950
Stop/Veh	0.98
Travel Dist (mi)	381.6
Travel Time (hr)	12.5
Vehicles Entered	965
Vehicles Exited	962
Hourly Exit Rate	962
Input Volume	978
% of Volume	98
Denied Entry Before	0
Denied Entry After	0

9: Lyon Ave & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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)	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	3.7	0.3	0.2
Total Delay (hr)	0.1	1.3	0.1	0.3	1.9	0.3	0.1	0.7	0.1	0.1	0.7	0.0
Total Del/Veh (s)	11.4	17.3	10.2	19.4	22.4	16.7	10.0	14.4	5.6	7.4	14.1	2.8
Stop Delay (hr)	0.0	0.5	0.0	0.2	1.0	0.2	0.1	0.3	0.1	0.0	0.3	0.0
Stop Del/Veh (s)	5.4	7.0	6.1	12.1	11.3	11.0	7.1	6.7	4.0	4.8	6.4	3.0
Total Stops	16	276	26	54	306	63	44	171	48	31	187	19
Stop/Veh	1.00	0.99	1.00	1.00	0.98	0.98	1.00	0.99	1.00	1.00	0.99	1.00
Travel Dist (mi)	7.7	134.2	12.5	25.8	146.9	30.6	8.6	33.1	9.3	2.5	15.2	1.6
Travel Time (hr)	0.2	4.5	0.4	0.9	5.3	1.1	0.3	1.4	0.3	0.2	1.1	0.1
Vehicles Entered	16	277	26	53	307	64	44	172	48	31	186	19
Vehicles Exited	16	276	26	54	305	63	44	171	48	31	187	19
Hourly Exit Rate	16	276	26	54	305	63	44	171	48	31	187	19
Input Volume	16	283	26	51	314	58	45	176	43	32	186	17
% of Volume	100	98	100	106	97	109	98	97	112	97	101	112
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

9: Lyon Ave & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.2
Total Delay (hr)	5.7
Total Del/Veh (s)	16.4
Stop Delay (hr)	2.8
Stop Del/Veh (s)	8.1
Total Stops	1241
Stop/Veh	0.99
Travel Dist (mi)	428.0
Travel Time (hr)	15.9
Vehicles Entered	1243
Vehicles Exited	1240
Hourly Exit Rate	1240
Input Volume	1247
% of Volume	99
Denied Entry Before	0
Denied Entry After	0

10: Palm Ave & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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)	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3
Total Delay (hr)	0.2	1.5	0.1	0.2	1.5	0.1	0.1	0.6	0.1	0.1	0.5	0.1
Total Del/Veh (s)	12.1	16.9	11.5	9.5	16.7	11.0	11.7	9.1	9.2	9.8	12.3	7.6
Stop Delay (hr)	0.1	0.5	0.0	0.1	0.8	0.1	0.1	0.3	0.1	0.1	0.3	0.1
Stop Del/Veh (s)	4.9	6.3	6.1	4.7	8.8	8.3	7.7	4.4	6.6	6.6	6.2	6.0
Total Stops	56	304	22	64	309	33	24	139	56	39	158	64
Stop/Veh	0.98	0.98	0.96	1.03	0.99	0.97	1.00	0.60	0.98	0.98	1.00	1.00
Travel Dist (mi)	26.8	146.2	11.0	7.7	38.4	4.1	9.3	71.8	21.7	2.6	10.5	4.2
Travel Time (hr)	0.9	4.8	0.4	0.4	2.3	0.2	0.3	2.4	0.8	0.2	0.8	0.3
Vehicles Entered	56	306	22	62	310	33	24	228	56	39	157	64
Vehicles Exited	56	305	22	62	310	33	24	230	56	39	158	64
Hourly Exit Rate	56	305	22	62	310	33	24	230	56	39	158	64
Input Volume	59	307	22	62	315	33	23	226	57	44	159	62
% of Volume	95	99	100	100	98	100	104	102	98	89	99	103
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

10: Palm Ave & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.1
Total Delay (hr)	5.0
Total Del/Veh (s)	13.2
Stop Delay (hr)	2.5
Stop Del/Veh (s)	6.5
Total Stops	1268
Stop/Veh	0.92
Travel Dist (mi)	354.3
Travel Time (hr)	13.9
Vehicles Entered	1357
Vehicles Exited	1359
Hourly Exit Rate	1359
Input Volume	1369
% of Volume	99
Denied Entry Before	0
Denied Entry After	0

11: State St & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Denied Del/Veh (s)	0.1	0.0	0.0	3.3	0.4	0.2	0.0	0.0	0.0	2.9	0.2	0.2
Total Delay (hr)	0.5	1.4	0.1	0.4	1.7	0.1	0.4	2.9	0.2	0.7	2.8	0.1
Total Del/Veh (s)	28.9	17.9	5.2	26.0	19.6	4.8	41.6	17.7	14.2	36.1	15.2	7.2
Stop Delay (hr)	0.4	0.9	0.1	0.4	1.1	0.1	0.4	1.4	0.1	0.6	1.6	0.1
Stop Del/Veh (s)	24.9	11.5	3.4	21.4	12.3	4.0	35.0	8.6	7.8	32.2	8.8	5.6
Total Stops	56	154	35	53	171	59	36	259	29	69	314	33
Stop/Veh	0.89	0.54	0.56	0.85	0.55	0.59	0.95	0.45	0.47	0.96	0.47	0.51
Travel Dist (mi)	23.3	104.2	22.7	8.3	41.7	13.6	18.3	277.6	30.5	6.7	62.7	6.2
Travel Time (hr)	1.1	3.7	0.7	0.7	2.7	0.6	0.9	9.3	1.0	1.0	4.3	0.4
Vehicles Entered	63	279	61	61	305	99	37	572	61	71	661	65
Vehicles Exited	62	279	60	61	306	100	37	571	60	71	661	65
Hourly Exit Rate	62	279	60	61	306	100	37	571	60	71	661	65
Input Volume	63	289	60	59	307	91	36	578	61	70	663	67
% of Volume	98	97	100	103	100	110	103	99	98	101	100	97
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

11: State St & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.3
Total Delay (hr)	11.5
Total Del/Veh (s)	17.5
Stop Delay (hr)	7.2
Stop Del/Veh (s)	11.0
Total Stops	1268
Stop/Veh	0.54
Travel Dist (mi)	615.7
Travel Time (hr)	26.4
Vehicles Entered	2335
Vehicles Exited	2333
Hourly Exit Rate	2333
Input Volume	2344
% of Volume	100
Denied Entry Before	0
Denied Entry After	0

12: Warren Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.2	0.0	0.0	0.0	0.2	0.5	0.5	0.3	0.3	0.3
Total Delay (hr)	0.0	0.1	0.0	0.3	0.2	0.1	0.0	2.3	0.4	0.1	1.5	0.0
Total Del/Veh (s)	4.6	10.3	2.7	11.0	9.9	8.7	11.9	19.5	12.2	11.1	15.7	7.7
Stop Delay (hr)	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.8	0.2	0.0	0.4	0.0
Stop Del/Veh (s)	3.3	3.9	2.5	4.7	2.6	4.1	6.0	7.0	6.8	5.4	4.5	3.7
Total Stops	22	39	3	101	39	50	1	429	121	32	338	14
Stop/Veh	1.00	1.00	1.00	0.96	0.51	0.96	1.00	0.99	0.99	1.00	0.99	0.93
Travel Dist (mi)	2.8	5.0	0.3	105.7	59.8	52.5	0.2	94.9	26.8	7.2	76.8	3.3
Travel Time (hr)	0.1	0.2	0.0	2.6	1.5	1.3	0.0	4.1	1.2	0.3	2.9	0.1
Vehicles Entered	22	39	3	103	76	51	1	429	121	32	338	14
Vehicles Exited	22	39	3	101	75	50	1	429	121	32	338	14
Hourly Exit Rate	22	39	3	101	75	50	1	429	121	32	338	14
Input Volume	24	41	2	107	81	51	1	428	120	36	333	13
% of Volume	92	95	150	94	93	98	100	100	101	89	102	108
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

12: Warren Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.3
Total Delay (hr)	5.2
Total Del/Veh (s)	15.1
Stop Delay (hr)	1.9
Stop Del/Veh (s)	5.5
Total Stops	1189
Stop/Veh	0.96
Travel Dist (mi)	435.3
Travel Time (hr)	14.4
Vehicles Entered	1229
Vehicles Exited	1225
Hourly Exit Rate	1225
Input Volume	1237
% of Volume	99
Denied Entry Before	0
Denied Entry After	0

13: Cawston Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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)	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.1	0.5	0.3	0.4	0.5	0.0	0.1	0.4	0.1	0.0	0.7	0.1
Total Del/Veh (s)	9.3	14.4	7.8	9.9	11.9	6.8	8.7	3.8	5.5	10.1	12.4	8.1
Stop Delay (hr)	0.1	0.2	0.1	0.2	0.2	0.0	0.1	0.1	0.1	0.0	0.3	0.1
Stop Del/Veh (s)	4.5	4.8	4.1	5.7	4.5	4.1	4.6	1.2	3.4	5.4	5.5	4.7
Total Stops	42	128	127	136	122	12	46	81	79	16	198	62
Stop/Veh	1.00	0.97	0.98	0.99	0.78	1.00	1.00	0.19	0.99	0.94	0.97	0.98
Travel Dist (mi)	34.8	109.2	107.1	53.8	55.6	4.6	23.0	127.7	39.7	8.3	100.6	31.1
Travel Time (hr)	0.9	2.9	2.8	1.6	1.6	0.1	0.8	4.3	1.4	0.3	3.7	1.1
Vehicles Entered	42	128	127	136	157	12	46	420	79	16	201	62
Vehicles Exited	42	128	127	136	156	12	46	420	79	16	200	62
Hourly Exit Rate	42	128	127	136	156	12	46	420	79	16	200	62
Input Volume	42	130	127	143	163	11	46	423	75	18	203	63
% of Volume	100	98	100	95	96	109	100	99	105	89	99	98
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

13: Cawston Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.0
Total Delay (hr)	3.4
Total Del/Veh (s)	8.5
Stop Delay (hr)	1.5
Stop Del/Veh (s)	3.7
Total Stops	1049
Stop/Veh	0.73
Travel Dist (mi)	695.5
Travel Time (hr)	21.6
Vehicles Entered	1426
Vehicles Exited	1424
Hourly Exit Rate	1424
Input Volume	1444
% of Volume	99
Denied Entry Before	0
Denied Entry After	0

14: Sanderson Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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	0.1	0.0	0.0	0.0	2.8	0.2	0.3	0.0	0.0	0.0
Total Delay (hr)	0.6	1.0	0.0	0.8	1.3	0.0	0.4	2.9	0.3	0.4	2.6	0.1
Total Del/Veh (s)	31.8	25.7	5.8	30.8	19.5	4.2	32.9	15.3	9.0	35.9	16.0	7.9
Stop Delay (hr)	0.5	0.8	0.0	0.7	1.0	0.0	0.4	1.7	0.2	0.3	1.2	0.0
Stop Del/Veh (s)	29.3	19.6	4.7	27.4	14.5	4.2	29.8	8.7	6.2	30.3	7.5	3.0
Total Stops	57	103	18	81	139	24	42	326	62	37	248	24
Stop/Veh	0.89	0.71	0.90	0.87	0.58	0.69	0.91	0.47	0.53	0.92	0.43	0.44
Travel Dist (mi)	6.1	13.9	1.9	29.8	71.9	11.0	7.3	112.1	18.8	20.0	281.4	27.1
Travel Time (hr)	0.8	1.3	0.1	1.6	3.1	0.4	0.7	5.5	0.9	0.9	8.5	0.8
Vehicles Entered	64	144	20	92	238	34	45	686	115	40	575	54
Vehicles Exited	64	145	20	91	237	34	45	684	114	40	576	54
Hourly Exit Rate	64	145	20	91	237	34	45	684	114	40	576	54
Input Volume	66	142	19	93	243	37	48	670	122	43	592	55
% of Volume	97	102	105	98	98	92	94	102	93	93	97	98
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

14: Sanderson Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.1
Total Delay (hr)	10.5
Total Del/Veh (s)	17.8
Stop Delay (hr)	6.9
Stop Del/Veh (s)	11.7
Total Stops	1161
Stop/Veh	0.55
Travel Dist (mi)	601.4
Travel Time (hr)	24.4
Vehicles Entered	2107
Vehicles Exited	2104
Hourly Exit Rate	2104
Input Volume	2130
% of Volume	99
Denied Entry Before	0
Denied Entry After	0

15: Kirby St & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	3.7	0.1	0.1	1.0
Total Delay (hr)	0.1	1.2	0.1	0.3	1.7	0.1	0.2	0.5	0.1	0.1	0.7	0.1
Total Del/Veh (s)	13.8	16.8	9.5	19.5	22.4	16.0	9.8	12.5	4.9	10.8	14.1	7.5
Stop Delay (hr)	0.1	0.6	0.1	0.2	0.9	0.1	0.1	0.3	0.1	0.1	0.3	0.0
Stop Del/Veh (s)	10.2	8.5	7.7	12.6	11.4	10.8	6.6	6.2	3.7	6.6	6.6	4.4
Total Stops	24	263	30	54	273	20	60	144	79	44	174	33
Stop/Veh	1.00	0.99	1.00	0.98	0.98	1.00	1.00	0.99	0.99	1.00	0.98	1.00
Travel Dist (mi)	4.0	43.3	4.9	27.2	137.5	10.0	10.2	24.7	13.6	18.9	76.9	14.2
Travel Time (hr)	0.2	2.1	0.2	1.0	4.9	0.4	0.5	1.1	0.6	0.7	2.7	0.5
Vehicles Entered	24	263	30	54	274	20	60	145	80	44	174	32
Vehicles Exited	24	263	29	54	273	20	60	144	79	44	174	33
Hourly Exit Rate	24	263	29	54	273	20	60	144	79	44	174	33
Input Volume	23	275	29	60	285	19	53	150	77	44	175	35
% of Volume	104	96	100	90	96	105	113	96	103	100	99	94
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

15: Kirby St & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.4
Total Delay (hr)	5.2
Total Del/Veh (s)	15.4
Stop Delay (hr)	2.8
Stop Del/Veh (s)	8.3
Total Stops	1198
Stop/Veh	0.99
Travel Dist (mi)	385.3
Travel Time (hr)	14.9
Vehicles Entered	1200
Vehicles Exited	1197
Hourly Exit Rate	1197
Input Volume	1225
% of Volume	98
Denied Entry Before	0
Denied Entry After	0

16: Lyon Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.0	0.0	3.9	0.4	3.8	0.0	0.0	0.1
Total Delay (hr)	0.1	1.5	0.0	0.6	1.1	0.1	0.1	0.7	0.1	0.3	0.7	0.0
Total Del/Veh (s)	27.7	15.6	7.7	27.9	12.9	4.4	24.1	16.2	5.3	21.0	12.7	3.5
Stop Delay (hr)	0.1	0.7	0.0	0.4	0.4	0.0	0.1	0.4	0.1	0.2	0.4	0.0
Stop Del/Veh (s)	22.0	6.9	3.4	21.3	5.2	2.3	21.5	9.4	4.3	18.9	7.2	2.8
Total Stops	18	170	10	68	129	30	15	98	42	40	102	18
Stop/Veh	0.95	0.48	0.56	0.92	0.42	0.45	1.00	0.60	0.70	0.89	0.52	0.53
Travel Dist (mi)	9.3	173.5	8.8	35.3	144.8	31.9	1.4	14.9	5.5	13.0	57.4	10.0
Travel Time (hr)	0.4	5.6	0.3	1.5	4.8	1.0	0.2	1.0	0.4	0.6	1.9	0.3
Vehicles Entered	18	350	18	73	301	66	15	162	59	44	194	34
Vehicles Exited	19	349	18	72	300	65	15	161	59	44	194	34
Hourly Exit Rate	19	349	18	72	300	65	15	161	59	44	194	34
Input Volume	20	358	18	72	315	67	14	159	58	40	193	35
% of Volume	95	97	100	100	95	97	107	101	102	110	101	97
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

16: Lyon Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.3
Total Delay (hr)	5.4
Total Del/Veh (s)	14.3
Stop Delay (hr)	3.0
Stop Del/Veh (s)	7.9
Total Stops	740
Stop/Veh	0.55
Travel Dist (mi)	505.7
Travel Time (hr)	17.9
Vehicles Entered	1334
Vehicles Exited	1330
Hourly Exit Rate	1330
Input Volume	1349
% of Volume	99
Denied Entry Before	0
Denied Entry After	0

17: Palm Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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	3.7	0.4	0.5	1.3	0.1	1.3
Total Delay (hr)	0.4	2.6	0.1	0.7	2.2	0.1	0.3	1.3	0.1	0.8	0.9	0.1
Total Del/Veh (s)	35.4	24.1	16.0	35.2	16.2	7.0	31.0	21.1	13.1	32.0	16.1	3.8
Stop Delay (hr)	0.3	1.3	0.0	0.5	1.1	0.0	0.3	0.9	0.1	0.7	0.7	0.0
Stop Del/Veh (s)	27.8	12.2	9.8	26.9	8.2	4.2	27.3	14.2	9.9	29.1	12.2	2.8
Total Stops	41	222	12	59	186	24	34	144	28	84	118	39
Stop/Veh	0.91	0.57	0.67	0.88	0.38	0.57	0.94	0.64	0.70	0.91	0.59	0.63
Travel Dist (mi)	21.8	187.0	8.8	33.0	203.5	20.9	5.1	32.2	5.7	8.0	17.7	5.4
Travel Time (hr)	1.0	6.5	0.3	1.6	7.4	0.7	0.5	2.1	0.3	1.1	1.4	0.3
Vehicles Entered	44	383	18	65	479	42	35	221	39	91	199	62
Vehicles Exited	44	380	18	65	479	42	35	222	39	90	199	62
Hourly Exit Rate	44	380	18	65	479	42	35	222	39	90	199	62
Input Volume	47	383	19	63	484	38	37	221	38	87	201	63
% of Volume	94	99	95	103	99	111	95	100	103	103	99	98
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

17: Palm Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.3
Total Delay (hr)	9.6
Total Del/Veh (s)	20.3
Stop Delay (hr)	6.1
Stop Del/Veh (s)	12.9
Total Stops	991
Stop/Veh	0.58
Travel Dist (mi)	549.1
Travel Time (hr)	23.3
Vehicles Entered	1678
Vehicles Exited	1675
Hourly Exit Rate	1675
Input Volume	1681
% of Volume	100
Denied Entry Before	0
Denied Entry After	0

18: State St & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.1	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	2.7	0.2	0.2	3.1	0.2	0.2	0.0	0.0	0.0
Total Delay (hr)	0.7	3.0	0.3	1.0	3.2	0.5	0.6	3.2	0.4	2.0	3.3	0.3
Total Del/Veh (s)	45.4	26.9	20.1	40.4	24.5	13.3	43.0	24.0	13.7	43.7	21.8	17.0
Stop Delay (hr)	0.6	1.9	0.2	0.9	2.3	0.4	0.5	2.3	0.3	1.6	1.9	0.2
Stop Del/Veh (s)	38.5	17.2	13.8	35.8	18.0	10.2	38.5	17.5	10.8	34.5	12.2	10.3
Total Stops	55	240	32	79	298	90	50	305	67	153	275	42
Stop/Veh	0.95	0.60	0.67	0.91	0.63	0.65	0.98	0.63	0.69	0.91	0.50	0.58
Travel Dist (mi)	28.7	192.1	23.6	24.0	130.2	38.2	11.2	108.5	21.7	82.1	264.7	36.1
Travel Time (hr)	1.4	7.1	0.8	1.7	6.5	1.6	1.0	6.0	1.0	4.1	9.4	1.3
Vehicles Entered	57	397	47	86	465	137	49	477	96	164	546	72
Vehicles Exited	56	395	47	86	464	137	50	477	96	164	544	72
Hourly Exit Rate	56	395	47	86	464	137	50	477	96	164	544	72
Input Volume	60	395	47	91	462	137	51	478	96	168	542	72
% of Volume	93	100	100	95	100	100	98	100	100	98	100	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

18: State St & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.2
Total Delay (hr)	18.6
Total Del/Veh (s)	25.5
Stop Delay (hr)	13.2
Stop Del/Veh (s)	18.1
Total Stops	1686
Stop/Veh	0.64
Travel Dist (mi)	961.0
Travel Time (hr)	41.9
Vehicles Entered	2593
Vehicles Exited	2588
Hourly Exit Rate	2588
Input Volume	2599
% of Volume	100
Denied Entry Before	0
Denied Entry After	0

19: Cawston Ave & Eaton Ave Performance by movement

Movement	WBL	WBR	NBT	NBR	SBL	SBT	All
Denied Delay (hr)	0.0	0.2	0.0	0.0	0.0	0.0	0.2
Denied Del/Veh (s)	0.5	2.4	0.0	0.0	0.6	0.0	0.5
Total Delay (hr)	0.1	0.3	0.9	0.1	0.4	1.0	2.9
Total Del/Veh (s)	6.5	5.1	8.6	6.6	9.1	9.2	8.1
Stop Delay (hr)	0.1	0.2	0.3	0.0	0.2	0.3	1.2
Stop Del/Veh (s)	3.5	3.3	3.0	3.6	4.2	3.1	3.3
Total Stops	57	230	315	43	163	388	1196
Stop/Veh	0.98	0.99	0.80	1.00	0.99	0.98	0.93
Travel Dist (mi)	19.1	76.5	87.3	10.6	74.7	178.8	446.9
Travel Time (hr)	0.6	2.7	3.6	0.4	2.8	6.4	16.4
Vehicles Entered	57	229	389	43	163	389	1270
Vehicles Exited	57	230	389	43	163	387	1269
Hourly Exit Rate	57	230	389	43	163	387	1269
Input Volume	58	234	379	42	164	397	1274
% of Volume	98	98	103	102	99	97	100
Denied Entry Before	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0

20: Cawston Ave & Coriander Dr/Fruitvale Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Denied Del/Veh (s)	0.1	0.1	0.1	0.4	3.2	2.7	0.1	0.1	0.0	0.0	0.0	0.4
Total Delay (hr)	0.0	0.0	0.0	0.0	0.1	0.0	0.7	0.0	0.2	0.9	0.0	2.1
Total Del/Veh (s)	5.4	2.8	3.0	5.2	3.4	5.0	7.9	3.5	8.1	9.8	8.8	7.8
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.0	0.1	0.3	0.0	0.8
Stop Del/Veh (s)	3.8	1.5	2.9	3.0	2.7	2.4	2.9	2.6	3.2	2.8	3.9	2.9
Total Stops	1	1	6	29	112	2	319	34	102	340	1	947
Stop/Veh	1.00	1.00	1.00	1.00	1.00	1.00	0.99	1.00	0.99	0.99	1.00	0.99
Travel Dist (mi)	0.2	0.1	0.7	6.9	26.5	0.5	77.4	8.2	25.6	85.3	0.4	231.6
Travel Time (hr)	0.0	0.0	0.0	0.3	1.1	0.0	2.9	0.3	1.0	3.4	0.0	9.1
Vehicles Entered	1	1	6	29	112	2	319	34	103	341	1	949
Vehicles Exited	1	1	6	29	112	2	319	34	102	339	1	946
Hourly Exit Rate	1	1	6	29	112	2	319	34	102	339	1	946
Input Volume	2	1	5	29	105	2	314	33	106	349	1	947
% of Volume	50	100	120	100	107	100	102	103	96	97	100	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

Total Network Performance

Denied Delay (hr)	3.1
Denied Del/Veh (s)	0.9
Total Delay (hr)	178.3
Total Del/Veh (s)	47.0
Stop Delay (hr)	101.4
Stop Del/Veh (s)	26.7
Total Stops	21759
Stop/Veh	1.59
Travel Dist (mi)	14971.5
Travel Time (hr)	531.3
Vehicles Entered	13201
Vehicles Exited	13152
Hourly Exit Rate	13152
Input Volume	48784
% of Volume	27
Denied Entry Before	1
Denied Entry After	0

Intersection: 1: Sanderson Ave & Ramona Expy

Movement	EB	EB	EB	EB	EB	WB	WB	WB	WB	WB	NB	NB
Directions Served	L	L	T	T	R	L	L	T	T	R	L	L
Maximum Queue (ft)	216	242	158	159	45	43	68	553	690	343	86	138
Average Queue (ft)	141	167	72	64	15	11	23	214	328	288	36	52
95th Queue (ft)	212	228	131	123	34	33	54	547	767	400	75	102
Link Distance (ft)			1976	1976				2634	2634			
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	400	400			180	375	375			143	400	400
Storage Blk Time (%)				0				0	3	48		
Queuing Penalty (veh)				0				0	18	91		

Intersection: 1: Sanderson Ave & Ramona Expy

Movement	NB	NB	NB	SB	SB	SB	SB	SB
Directions Served	T	T	R	L	L	T	T	R
Maximum Queue (ft)	364	362	55	231	264	178	172	129
Average Queue (ft)	229	216	14	147	168	96	86	53
95th Queue (ft)	335	331	35	217	234	158	147	104
Link Distance (ft)	873	873	873			2486	2486	
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)				400	400			250
Storage Blk Time (%)	0							
Queuing Penalty (veh)	0							

Intersection: 2: Sanderson Ave & Ramona Blvd

Movement	NB	NB	NB	SB	SB	SB	NW	NW
Directions Served	T	T	R	L	T	T	L	R
Maximum Queue (ft)	163	131	39	107	103	110	105	92
Average Queue (ft)	82	47	10	53	18	34	38	37
95th Queue (ft)	138	100	32	96	64	85	79	72
Link Distance (ft)	969	969			873	873	2330	
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)			120	170				50
Storage Blk Time (%)		0					8	2
Queuing Penalty (veh)		0					10	2

Intersection: 3: Cawston Ave & Cottonwood Ave

Movement	WB	NB	NB
Directions Served	L	L	R
Maximum Queue (ft)	46	63	53
Average Queue (ft)	11	27	28
95th Queue (ft)	35	51	47
Link Distance (ft)		696	696
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)	195		
Storage Blk Time (%)			
Queuing Penalty (veh)			

Intersection: 4: Sanderson Ave & Cottonwood Ave

Movement	EB	EB	EB	EB	EB	WB	WB	WB	WB	NB	NB	NB
Directions Served	L	L	T	T	R	L	L	T	R	L	L	T
Maximum Queue (ft)	71	73	108	105	50	45	82	146	95	68	37	175
Average Queue (ft)	29	31	55	46	18	9	34	66	34	22	3	92
95th Queue (ft)	62	59	91	87	39	32	68	118	73	51	21	153
Link Distance (ft)			507	507				1294	1294			2541
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	300	300			205	320	320			300	300	
Storage Blk Time (%)												
Queuing Penalty (veh)												

Intersection: 4: Sanderson Ave & Cottonwood Ave

Movement	NB	NB	SB	SB	SB	SB	SB
Directions Served	T	R	L	L	T	T	R
Maximum Queue (ft)	175	41	31	80	173	143	43
Average Queue (ft)	99	12	2	31	94	55	18
95th Queue (ft)	162	32	16	65	155	112	40
Link Distance (ft)	2541				915	915	
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)		210	290	290			200
Storage Blk Time (%)	0						
Queuing Penalty (veh)	0						

Intersection: 5: 7th St & Karpick St

Movement	EB	SB
Directions Served	L	LR
Maximum Queue (ft)	3	62
Average Queue (ft)	0	22
95th Queue (ft)	3	50
Link Distance (ft)		135
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)	150	
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 6: Cawston Ave & 7th St

Movement	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	LTR	L	T	TR	L	TR	LT	R
Maximum Queue (ft)	55	84	40	59	31	68	77	20
Average Queue (ft)	24	39	17	24	12	36	33	8
95th Queue (ft)	42	67	40	48	36	58	59	22
Link Distance (ft)	571		1098	1098		2608	1226	1226
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)		160			85			
Storage Blk Time (%)						0		
Queuing Penalty (veh)						0		

Intersection: 7: Sanderson Ave & 7th St

Movement	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB	SB
Directions Served	L	TR	L	T	R	L	T	TR	L	T	T	R
Maximum Queue (ft)	59	81	88	90	62	64	150	180	74	113	136	31
Average Queue (ft)	18	30	41	42	23	19	78	100	22	52	66	8
95th Queue (ft)	43	63	78	76	50	50	136	161	56	100	117	23
Link Distance (ft)		1368		646			2568	2568		2541	2541	
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	53		145		600	300			360			360
Storage Blk Time (%)	0	1										
Queuing Penalty (veh)	0	1										

Intersection: 8: Kirby St & 7th St

Movement	EB	EB	WB	WB	NB	NB	SB	SB
Directions Served	LT	R	L	TR	LT	R	LT	R
Maximum Queue (ft)	100	56	50	77	65	50	77	31
Average Queue (ft)	45	14	24	42	32	17	40	12
95th Queue (ft)	79	40	41	67	54	34	63	35
Link Distance (ft)	1855			2533	2574		620	
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)		110	150			280		70
Storage Blk Time (%)	0						0	
Queuing Penalty (veh)	0						0	

Intersection: 9: Lyon Ave & 7th St

Movement	EB	EB	WB	NB	NB	SB	SB	SB
Directions Served	L	TR	LTR	LT	R	L	T	R
Maximum Queue (ft)	27	123	214	116	62	47	116	33
Average Queue (ft)	9	49	89	57	26	21	53	12
95th Queue (ft)	27	93	169	94	51	46	88	34
Link Distance (ft)		2533	2566	1006			429	429
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)	150				105	150		
Storage Blk Time (%)		0		0			0	
Queuing Penalty (veh)		0		0			0	

Intersection: 10: Palm Ave & 7th St

Movement	EB	EB	WB	WB	NB	SB
Directions Served	L	TR	L	TR	LTR	LTR
Maximum Queue (ft)	56	128	145	201	141	128
Average Queue (ft)	27	62	35	91	66	63
95th Queue (ft)	50	100	86	160	111	106
Link Distance (ft)		2566		601	2000	350
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	100		75			
Storage Blk Time (%)		1	0	12		
Queuing Penalty (veh)		1	0	8		

Intersection: 11: State St & 7th St

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	R	L	T	R	L	T	TR	L	T	TR
Maximum Queue (ft)	142	187	58	130	226	82	101	186	189	151	255	206
Average Queue (ft)	43	95	22	40	106	30	28	74	91	47	125	75
95th Queue (ft)	93	164	49	89	190	61	72	153	165	101	214	159
Link Distance (ft)		1929			721	721		2560	2560		491	491
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	95		215	60			85			105		
Storage Blk Time (%)	1	8		2	20		1	5		0	10	
Queuing Penalty (veh)	3	10		6	12		2	2		1	7	

Intersection: 12: Warren Ave & Esplanade Ave

Movement	EB	WB	NB	SB
Directions Served	LTR	LTR	LTR	LTR
Maximum Queue (ft)	58	89	214	145
Average Queue (ft)	28	47	94	68
95th Queue (ft)	49	75	168	115
Link Distance (ft)	671	5386	1168	1198
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 13: Cawston Ave & Esplanade Ave

Movement	EB	WB	NB	NB	NB	SB
Directions Served	LTR	LTR	L	T	R	LTR
Maximum Queue (ft)	110	139	54	65	65	114
Average Queue (ft)	55	59	26	33	31	62
95th Queue (ft)	89	105	49	54	53	93
Link Distance (ft)	5386	2030		2597	2597	2608
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)			150			
Storage Blk Time (%)						
Queuing Penalty (veh)						

Intersection: 14: Sanderson Ave & Esplanade Ave

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	R	L	T	R	L	T	TR	L	T	T
Maximum Queue (ft)	101	161	71	112	176	56	80	203	209	74	140	146
Average Queue (ft)	39	65	11	56	89	17	30	112	90	26	64	75
95th Queue (ft)	77	128	44	100	152	45	65	179	168	59	121	127
Link Distance (ft)		453			1649	1649		852	852		2568	2568
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	130		55	155			225			245		
Storage Blk Time (%)	0	12	0		1			0				
Queuing Penalty (veh)	0	10	0		1			0				

Intersection: 14: Sanderson Ave & Esplanade Ave

Movement	SB
Directions Served	R
Maximum Queue (ft)	41
Average Queue (ft)	11
95th Queue (ft)	30
Link Distance (ft)	
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	200
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 15: Kirby St & Esplanade Ave

Movement	EB	WB	NB	NB	SB	SB
Directions Served	LTR	LTR	LT	R	LT	R
Maximum Queue (ft)	168	198	109	67	110	60
Average Queue (ft)	68	92	53	31	55	23
95th Queue (ft)	126	166	87	52	88	51
Link Distance (ft)	834	2574	903		2574	
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)				132		100
Storage Blk Time (%)			0		1	
Queuing Penalty (veh)			0		0	

Intersection: 16: Lyon Ave & Esplanade Ave

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	R	L	T	R	L	T	R	L	T	R
Maximum Queue (ft)	48	162	42	110	170	62	45	109	57	68	102	35
Average Queue (ft)	14	76	6	41	71	14	11	47	16	25	50	9
95th Queue (ft)	38	134	31	80	142	41	33	87	42	54	91	27
Link Distance (ft)		2574			2526	2526		476			1520	
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	122		122	140			120		120	118		118
Storage Blk Time (%)		1		0	1			0			0	
Queuing Penalty (veh)		0		0	1			0			0	

Intersection: 17: Palm Ave & Esplanade Ave

Movement	EB	EB	WB	WB	WB	NB	NB	SB	SB	SB		
Directions Served	L	TR	L	T	R	L	TR	L	T	R		
Maximum Queue (ft)	90	255	123	285	60	84	210	108	150	64		
Average Queue (ft)	27	121	47	120	17	26	97	57	75	24		
95th Queue (ft)	66	215	101	226	47	62	171	97	130	53		
Link Distance (ft)		2526		2572	2572		765		508			
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	160		250			75		150		150		
Storage Blk Time (%)		4		1		0	16	0	0			
Queuing Penalty (veh)		2		1		0	6	0	1			

Intersection: 18: State St & Esplanade Ave

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	T	TR	L	T	TR
Maximum Queue (ft)	118	170	180	175	222	206	146	220	207	149	251	242
Average Queue (ft)	44	84	102	64	125	114	49	129	109	100	108	120
95th Queue (ft)	93	148	163	124	194	190	111	199	185	158	206	203
Link Distance (ft)		2572	2572		1477	1477		1199	1199		2560	2560
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	100			140			105			100		
Storage Blk Time (%)	1	6		0	6		0	15		16	8	
Queuing Penalty (veh)	3	4		1	6		1	7		41	13	

Intersection: 19: Cawston Ave & Eaton Ave

Movement	WB	WB	NB	NB	SB	SB	SB
Directions Served	L	R	T	TR	L	T	T
Maximum Queue (ft)	56	89	72	69	78	67	75
Average Queue (ft)	26	49	40	42	44	41	43
95th Queue (ft)	49	78	61	64	69	63	66
Link Distance (ft)	1756		1246	1246		2597	2597
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)		50			105		
Storage Blk Time (%)	0	3			0		
Queuing Penalty (veh)	1	2			0		

Intersection: 20: Cawston Ave & Coriander Dr/Fruitvale Ave

Movement	EB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	LTR	LT	R	L	T	TR	L	T	TR
Maximum Queue (ft)	30	50	68	27	74	64	57	50	66
Average Queue (ft)	7	20	34	2	41	38	28	27	29
95th Queue (ft)	28	47	54	14	62	58	45	41	51
Link Distance (ft)	670	1254			1280	1280		1246	1246
Upstream Blk Time (%)									
Queuing Penalty (veh)									
Storage Bay Dist (ft)			50	150			58		
Storage Blk Time (%)		0	1				0	0	
Queuing Penalty (veh)		0	0				0	0	

Network Summary

Network wide Queuing Penalty: 274

Intersection: 1: Sanderson Ave & Ramona Expy

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	22.5	31.5	7.5	30.5	8.5	45.5	20.5	17.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	2.7	-9.4	6.6	-5.8	8.0	5.9	0.2	-2.8
g/C Ratio	0.38	-1.35	0.66	-0.84	1.11	0.84	0.03	-0.41
Cycles Skipped (%)	0	0	30	0	3	0	0	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	97	76	24	73	50	79	73	73
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 7.0
Number of Complete Cycles : 32

Intersection: 2: Sanderson Ave & Ramona Blvd

Phase	1	2	3	6	8
Movement(s) Served	SBL	NBT	NWL	SBT	NWR
Maximum Green (s)	18.5	55.5	22.5	78.5	22.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	Min	None
Avg. Green (s)	-6.3	-0.6	-7.8	-1.2	-3.3
g/C Ratio	-1.03	-0.15	-1.18	-0.27	-0.72
Cycles Skipped (%)	39	0	45	19	19
Cycles @ Minimum (%)	0	0	0	0	16
Cycles Maxed Out (%)	0	3	0	7	0
Cycles with Peds (%)	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 3.7
Number of Complete Cycles : 75

Intersection: 4: Sanderson Ave & Cottonwood Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	8.5	40.5	11.5	31.5	8.5	40.5	12.5	30.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	6.7	0.9	8.2	3.7	6.6	2.3	-6.4	2.7
g/C Ratio	0.80	0.19	1.26	0.81	0.60	0.53	-1.10	0.56
Cycles Skipped (%)	47	0	33	3	60	0	24	7
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	7	2	7	2	4	7	7	2
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 4.4
Number of Complete Cycles : 57

Intersection: 11: State St & 7th St

Phase	1	2	4	5	6	8
Movement(s) Served	SBL	NBT	EBTL	NBL	SBT	WBTL
Maximum Green (s)	14.5	41.5	40.5	9.5	46.5	40.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	Min	None
Avg. Green (s)	7.9	1.2	-0.8	6.7	4.6	-0.8
g/C Ratio	1.14	0.25	-0.17	0.66	0.94	-0.17
Cycles Skipped (%)	29	0	0	52	0	0
Cycles @ Minimum (%)	0	0	0	0	0	0
Cycles Maxed Out (%)	0	8	6	4	4	6
Cycles with Peds (%)	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 4.9
Number of Complete Cycles : 52

Intersection: 14: Sanderson Ave & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	8.5	45.5	14.5	23.5	10.5	43.5	11.5	26.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	6.9	3.7	-6.1	1.3	7.3	3.2	8.2	3.8
g/C Ratio	0.66	0.77	-0.93	0.23	0.75	0.65	1.06	0.73
Cycles Skipped (%)	54	0	26	15	50	0	37	5
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	7	5	9	11	2	9	6	5
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary
Average Cycle Length (s): 4.9
Number of Complete Cycles : 54

Intersection: 16: Lyon Ave & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	5.0	18.0	5.0	18.0	5.0	18.0	5.0	18.0
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	None	None	Min	None	None	None	Min
Avg. Green (s)	6.6	2.3	5.1	-0.7	6.1	-3.6	5.0	2.6
g/C Ratio	0.77	0.63	0.82	-0.22	0.29	-1.08	0.29	0.81
Cycles Skipped (%)	63	14	49	0	85	6	81	2
Cycles @ Minimum (%)	29	1	51	1	13	2	19	1
Cycles Maxed Out (%)	37	9	51	35	15	15	19	51
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary
Average Cycle Length (s): 3.2
Number of Complete Cycles : 86

Intersection: 17: Palm Ave & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	6.5	45.5	9.5	30.5	6.5	45.5	5.5	34.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	6.3	4.9	8.2	-2.0	6.1	-2.8	8.7	-0.6
g/C Ratio	1.08	1.15	1.12	-0.44	0.61	-0.66	0.97	-0.14
Cycles Skipped (%)	27	0	42	5	58	0	53	8
Cycles @ Minimum (%)	0	2	0	0	0	0	0	0
Cycles Maxed Out (%)	44	0	13	15	14	0	44	10
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary
Average Cycle Length (s): 4.3
Number of Complete Cycles : 59

Intersection: 18: State St & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	21.5	31.1	13.5	25.9	9.5	43.1	9.5	29.9
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	-3.9	-5.9	9.5	7.5	7.3	2.7	7.6	-5.0
g/C Ratio	-0.64	-1.03	1.34	1.31	0.82	0.48	0.90	-0.87
Cycles Skipped (%)	5	0	19	0	36	0	32	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	7	26	7	36	14	21	17	36
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary
Average Cycle Length (s): 5.7
Number of Complete Cycles : 42

Summary of All Intervals

Run Number	1	2	3	4	5	6	7
Start Time	3:55	3:55	3:55	3:55	3:55	3:55	3:55
End Time	5:00	5:00	5:00	5:00	5:00	5:00	5:00
Total Time (min)	65	65	65	65	65	65	65
Time Recorded (min)	60	60	60	60	60	60	60
# of Intervals	2	2	2	2	2	2	2
# of Recorded Intervals	1	1	1	1	1	1	1
Vehs Entered	14718	14625	14558	14713	14505	14621	14645
Vehs Exited	14659	14533	14525	14610	14448	14525	14585
Starting Vehs	562	537	542	525	559	519	561
Ending Vehs	621	629	575	628	616	615	621
Denied Entry Before	3	3	3	4	4	2	1
Denied Entry After	2	5	1	5	6	3	9
Travel Distance (mi)	16912	16944	16971	17160	16874	16734	16962
Travel Time (hr)	620.1	616.2	623.8	631.3	618.6	609.0	616.1
Total Delay (hr)	229.7	223.6	232.0	235.5	227.8	221.7	224.9
Total Stops	23599	23436	23694	24023	23866	23155	23529
Fuel Used (gal)	667.1	665.4	668.1	675.8	662.0	657.1	665.4

Summary of All Intervals

Run Number	8	9	10	Avg
Start Time	3:55	3:55	3:55	3:55
End Time	5:00	5:00	5:00	5:00
Total Time (min)	65	65	65	65
Time Recorded (min)	60	60	60	60
# of Intervals	2	2	2	2
# of Recorded Intervals	1	1	1	1
Vehs Entered	14866	14575	14464	14632
Vehs Exited	14745	14527	14440	14560
Starting Vehs	529	538	561	535
Ending Vehs	650	586	585	598
Denied Entry Before	3	5	4	0
Denied Entry After	2	2	4	2
Travel Distance (mi)	17171	17073	16644	16945
Travel Time (hr)	632.3	633.0	598.4	619.9
Total Delay (hr)	235.5	239.1	213.9	228.4
Total Stops	23915	24027	23015	23627
Fuel Used (gal)	676.6	672.8	650.7	666.1

Interval #0 Information Seeding

Start Time	3:55
End Time	4:00
Total Time (min)	5

Volumes adjusted by Growth Factors.

No data recorded this interval.

Interval #1 Information Recording

Start Time	4:00
End Time	5:00
Total Time (min)	60

Volumes adjusted by Growth Factors.

Run Number	1	2	3	4	5	6	7
Vehs Entered	14718	14625	14558	14713	14505	14621	14645
Vehs Exited	14659	14533	14525	14610	14448	14525	14585
Starting Vehs	562	537	542	525	559	519	561
Ending Vehs	621	629	575	628	616	615	621
Denied Entry Before	3	3	3	4	4	2	1
Denied Entry After	2	5	1	5	6	3	9
Travel Distance (mi)	16912	16944	16971	17160	16874	16734	16962
Travel Time (hr)	620.1	616.2	623.8	631.3	618.6	609.0	616.1
Total Delay (hr)	229.7	223.6	232.0	235.5	227.8	221.7	224.9
Total Stops	23599	23436	23694	24023	23866	23155	23529
Fuel Used (gal)	667.1	665.4	668.1	675.8	662.0	657.1	665.4

Interval #1 Information Recording

Start Time	4:00
End Time	5:00
Total Time (min)	60

Volumes adjusted by Growth Factors.

Run Number	8	9	10	Avg
Vehs Entered	14866	14575	14464	14632
Vehs Exited	14745	14527	14440	14560
Starting Vehs	529	538	561	535
Ending Vehs	650	586	585	598
Denied Entry Before	3	5	4	0
Denied Entry After	2	2	4	2
Travel Distance (mi)	17171	17073	16644	16945
Travel Time (hr)	632.3	633.0	598.4	619.9
Total Delay (hr)	235.5	239.1	213.9	228.4
Total Stops	23915	24027	23015	23627
Fuel Used (gal)	676.6	672.8	650.7	666.1

1: Sanderson Ave & Ramona Expy Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.3	0.1	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.4	0.4	0.2
Denied Del/Veh (s)	2.4	0.4	2.3	2.2	0.3	2.2	0.0	0.0	0.0	2.1	1.3	2.0
Total Delay (hr)	5.8	5.6	0.6	0.8	5.3	3.4	1.4	6.6	0.1	10.5	10.3	2.1
Total Del/Veh (s)	49.5	33.2	15.3	52.8	49.8	24.5	50.5	37.6	10.0	54.0	34.3	17.0
Stop Delay (hr)	4.8	3.6	0.5	0.7	3.9	2.1	1.2	4.5	0.0	7.2	4.7	0.8
Stop Del/Veh (s)	41.2	21.1	11.6	48.6	36.7	15.2	45.2	25.9	8.6	37.3	15.5	6.7
Total Stops	378	375	84	50	320	314	91	425	14	605	594	246
Stop/Veh	0.90	0.62	0.59	0.91	0.83	0.63	0.92	0.67	0.74	0.87	0.55	0.55
Travel Dist (mi)	154.5	224.1	52.4	26.5	188.0	247.6	17.3	109.8	3.4	322.4	504.4	209.0
Travel Time (hr)	9.3	9.2	1.8	1.4	8.3	8.8	1.9	8.8	0.1	17.5	19.2	6.9
Vehicles Entered	411	595	139	53	375	494	97	625	19	683	1067	443
Vehicles Exited	416	599	140	53	376	490	97	624	18	677	1064	442
Hourly Exit Rate	416	599	140	53	376	490	97	624	18	677	1064	442
Input Volume	418	592	137	56	378	501	100	622	19	691	1058	432
% of Volume	100	101	102	95	99	98	97	100	95	98	101	102
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	1	0	0	0	1	0	0

1: Sanderson Ave & Ramona Expy Performance by movement

Movement	All
Denied Delay (hr)	1.8
Denied Del/Veh (s)	1.3
Total Delay (hr)	52.5
Total Del/Veh (s)	37.1
Stop Delay (hr)	34.2
Stop Del/Veh (s)	24.2
Total Stops	3496
Stop/Veh	0.69
Travel Dist (mi)	2059.3
Travel Time (hr)	93.1
Vehicles Entered	5001
Vehicles Exited	4996
Hourly Exit Rate	4996
Input Volume	5004
% of Volume	100
Denied Entry Before	0
Denied Entry After	2

2: Sanderson Ave & Ramona Blvd Performance by movement

Movement	NBT	NBR	SBL	SBT	NWL	NWR	All
Denied Delay (hr)	0.0	0.1	0.0	0.0	0.0	0.1	0.2
Denied Del/Veh (s)	0.2	3.1	0.2	0.0	0.3	2.1	0.3
Total Delay (hr)	1.8	0.1	1.7	2.9	0.3	0.1	6.9
Total Del/Veh (s)	9.8	3.3	27.9	9.5	25.5	5.2	11.4
Stop Delay (hr)	0.7	0.0	1.2	0.2	0.3	0.1	2.5
Stop Del/Veh (s)	3.7	2.3	19.2	0.5	23.3	4.1	4.1
Total Stops	204	24	178	83	41	85	615
Stop/Veh	0.31	0.36	0.79	0.08	0.93	0.88	0.28
Travel Dist (mi)	118.7	12.0	40.5	199.4	19.4	42.5	432.4
Travel Time (hr)	4.0	0.4	2.9	6.9	0.8	1.3	16.3
Vehicles Entered	646	65	221	1093	44	96	2165
Vehicles Exited	645	65	222	1099	44	96	2171
Hourly Exit Rate	645	65	222	1099	44	96	2171
Input Volume	645	60	226	1084	49	96	2160
% of Volume	100	108	98	101	90	100	101
Denied Entry Before	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0

3: Cawston Ave & Cottonwood Ave Performance by movement

Movement	EBT	EBR	WBL	WBT	NBL	NBT	NBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.1
Total Delay (hr)	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.3
Total Del/Veh (s)	0.5	0.1	2.7	1.4	8.8	0.1	2.6	1.6
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1
Stop Del/Veh (s)	0.0	0.0	0.8	0.0	7.3	0.0	2.4	0.7
Total Stops	0	0	26	0	34	0	76	136
Stop/Veh	0.00	0.00	0.26	0.00	1.00	0.00	1.00	0.18
Travel Dist (mi)	39.1	8.6	37.9	73.1	4.8	3.1	10.8	177.3
Travel Time (hr)	0.8	0.2	1.0	1.6	0.2	0.1	0.4	4.3
Vehicles Entered	249	55	99	201	34	40	76	754
Vehicles Exited	249	55	99	200	34	40	76	753
Hourly Exit Rate	249	55	99	200	34	40	76	753
Input Volume	254	56	101	196	38	40	74	759
% of Volume	98	98	98	102	89	100	103	99
Denied Entry Before	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0

4: Sanderson Ave & Cottonwood Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Denied Del/Veh (s)	0.0	0.0	0.2	3.5	0.4	0.2	0.0	0.0	0.0	2.6	0.3	2.6
Total Delay (hr)	0.7	1.2	0.1	0.9	1.1	0.2	0.4	2.6	0.3	1.4	3.4	0.1
Total Del/Veh (s)	30.0	22.7	6.8	31.6	26.2	5.5	36.2	18.0	8.7	35.6	13.8	3.6
Stop Delay (hr)	0.7	1.0	0.1	0.8	0.8	0.1	0.3	1.4	0.1	1.2	1.8	0.1
Stop Del/Veh (s)	28.3	18.0	6.8	28.8	19.5	4.9	31.3	9.4	3.4	31.5	7.4	1.6
Total Stops	72	135	51	84	108	77	35	252	58	127	381	54
Stop/Veh	0.87	0.69	0.76	0.87	0.72	0.73	0.95	0.48	0.53	0.92	0.43	0.47
Travel Dist (mi)	8.6	20.4	7.1	23.7	36.8	26.0	18.1	249.8	54.6	23.7	153.3	19.9
Travel Time (hr)	1.0	1.7	0.4	1.6	1.9	0.9	0.8	8.3	1.7	2.1	6.9	0.8
Vehicles Entered	82	195	67	96	149	105	36	517	110	137	881	115
Vehicles Exited	82	194	67	96	149	105	36	514	109	136	881	115
Hourly Exit Rate	82	194	67	96	149	105	36	514	109	136	881	115
Input Volume	84	199	69	97	153	100	35	522	107	137	876	109
% of Volume	98	97	97	99	97	105	103	98	102	99	101	106
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

4: Sanderson Ave & Cottonwood Ave Performance by movement

Movement	All
Denied Delay (hr)	0.4
Denied Del/Veh (s)	0.6
Total Delay (hr)	12.3
Total Del/Veh (s)	17.7
Stop Delay (hr)	8.4
Stop Del/Veh (s)	12.0
Total Stops	1434
Stop/Veh	0.57
Travel Dist (mi)	641.8
Travel Time (hr)	28.1
Vehicles Entered	2490
Vehicles Exited	2484
Hourly Exit Rate	2484
Input Volume	2488
% of Volume	100
Denied Entry Before	0
Denied Entry After	0

5: 7th St & Karpick St Performance by movement

Movement	EBT	WBT	WBR	SBL	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.0	0.0	0.1	0.1
Total Delay (hr)	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	0.1	2.3	2.2	4.1	2.0
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.0
Stop Del/Veh (s)	0.0	0.4	0.4	2.8	0.7
Total Stops	0	0	0	32	32
Stop/Veh	0.00	0.00	0.00	1.00	0.17
Travel Dist (mi)	4.7	7.7	5.3	0.8	18.5
Travel Time (hr)	0.1	0.3	0.2	0.1	0.7
Vehicles Entered	49	64	43	32	188
Vehicles Exited	49	64	43	32	188
Hourly Exit Rate	49	64	43	32	188
Input Volume	49	66	43	31	189
% of Volume	100	97	100	103	99
Denied Entry Before	0	0	0	0	0
Denied Entry After	0	0	0	0	0

6: Cawston Ave & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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)	0.0	0.1	0.0	0.1	0.1	0.0	0.1	0.3	0.1	0.0	0.3	0.0
Total Del/Veh (s)	4.5	7.7	2.8	5.5	4.6	2.3	8.3	10.4	6.4	6.1	8.3	1.7
Stop Delay (hr)	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.0
Stop Del/Veh (s)	3.0	3.4	2.9	3.3	1.9	2.2	3.4	3.4	3.1	3.7	3.4	2.3
Total Stops	10	38	34	85	60	33	36	106	77	29	135	12
Stop/Veh	0.91	1.00	0.97	0.99	0.60	0.97	1.00	0.98	0.99	1.00	0.99	1.00
Travel Dist (mi)	1.3	4.5	4.1	18.7	17.7	7.3	18.1	53.0	38.7	6.7	30.6	2.7
Travel Time (hr)	0.1	0.2	0.2	0.7	0.6	0.3	0.6	1.9	1.4	0.3	1.2	0.1
Vehicles Entered	11	37	34	85	100	33	36	106	77	29	135	12
Vehicles Exited	10	38	34	85	100	33	36	106	77	29	135	12
Hourly Exit Rate	10	38	34	85	100	33	36	106	77	29	135	12
Input Volume	10	40	31	87	94	36	41	106	76	32	137	12
% of Volume	100	95	110	98	106	92	88	100	101	91	99	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

6: Cawston Ave & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.0
Total Delay (hr)	1.3
Total Del/Veh (s)	6.7
Stop Delay (hr)	0.6
Stop Del/Veh (s)	3.1
Total Stops	655
Stop/Veh	0.94
Travel Dist (mi)	203.4
Travel Time (hr)	7.5
Vehicles Entered	695
Vehicles Exited	695
Hourly Exit Rate	695
Input Volume	702
% of Volume	99
Denied Entry Before	0
Denied Entry After	0

7: Sanderson Ave & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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)	0.5	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.1	0.3	0.1	0.5	0.3	0.0	0.5	3.0	0.4	0.8	4.5	0.1
Total Del/Veh (s)	11.0	9.2	5.4	13.9	8.9	3.0	37.5	16.7	14.4	34.2	17.2	7.7
Stop Delay (hr)	0.0	0.1	0.0	0.4	0.2	0.0	0.4	1.0	0.2	0.6	1.5	0.0
Stop Del/Veh (s)	9.1	4.9	4.8	11.6	4.7	2.9	30.1	5.6	5.6	26.3	5.5	2.3
Total Stops	12	46	18	82	61	24	44	291	65	72	425	18
Stop/Veh	0.67	0.42	0.50	0.69	0.44	0.51	0.92	0.46	0.60	0.90	0.45	0.53
Travel Dist (mi)	4.5	27.4	9.3	15.4	18.2	6.1	23.6	308.3	53.5	39.7	465.6	16.5
Travel Time (hr)	0.2	0.9	0.3	0.9	0.7	0.2	1.0	9.4	1.7	1.7	14.3	0.5
Vehicles Entered	18	108	36	117	139	47	47	629	107	79	931	33
Vehicles Exited	18	108	36	117	139	47	47	627	106	78	932	33
Hourly Exit Rate	18	108	36	117	139	47	47	627	106	78	932	33
Input Volume	20	110	37	121	137	45	47	628	111	81	928	33
% of Volume	90	98	97	97	101	104	100	100	95	96	100	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

7: Sanderson Ave & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.0
Total Delay (hr)	10.5
Total Del/Veh (s)	16.3
Stop Delay (hr)	4.5
Stop Del/Veh (s)	6.9
Total Stops	1158
Stop/Veh	0.50
Travel Dist (mi)	988.3
Travel Time (hr)	31.8
Vehicles Entered	2291
Vehicles Exited	2288
Hourly Exit Rate	2288
Input Volume	2298
% of Volume	100
Denied Entry Before	0
Denied Entry After	0

8: Kirby St & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	3.8
Total Delay (hr)	0.0	0.9	0.1	0.3	1.2	0.1	0.1	0.6	0.1	0.1	0.5	0.0
Total Del/Veh (s)	10.0	12.9	4.8	11.7	15.3	9.5	9.8	10.1	6.7	8.3	11.3	4.2
Stop Delay (hr)	0.0	0.4	0.0	0.1	0.4	0.0	0.0	0.2	0.1	0.0	0.2	0.0
Stop Del/Veh (s)	6.1	5.5	3.4	5.1	4.7	4.3	5.1	3.8	4.0	5.3	5.1	3.0
Total Stops	11	242	40	86	260	36	21	132	56	23	148	17
Stop/Veh	1.00	0.99	1.00	0.99	0.94	1.00	1.00	0.66	0.98	1.00	0.99	1.00
Travel Dist (mi)	3.9	87.7	14.4	42.6	132.9	17.7	10.3	83.1	28.1	2.7	17.4	2.0
Travel Time (hr)	0.1	2.8	0.4	1.3	4.2	0.6	0.3	2.7	0.9	0.1	0.9	0.1
Vehicles Entered	11	243	40	86	274	36	20	198	56	23	148	17
Vehicles Exited	11	242	40	86	273	36	21	197	56	23	148	17
Hourly Exit Rate	11	242	40	86	273	36	21	197	56	23	148	17
Input Volume	15	249	39	83	269	34	24	199	54	23	147	16
% of Volume	73	97	103	104	101	106	88	99	104	100	101	106
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

8: Kirby St & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.1
Total Delay (hr)	3.8
Total Del/Veh (s)	11.7
Stop Delay (hr)	1.5
Stop Del/Veh (s)	4.7
Total Stops	1072
Stop/Veh	0.92
Travel Dist (mi)	442.7
Travel Time (hr)	14.7
Vehicles Entered	1152
Vehicles Exited	1150
Hourly Exit Rate	1150
Input Volume	1152
% of Volume	100
Denied Entry Before	0
Denied Entry After	0

9: Lyon Ave & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	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	3.6	0.3	0.1
Total Delay (hr)	0.0	1.5	0.1	0.4	2.7	0.2	0.2	0.8	0.1	0.1	1.0	0.0
Total Del/Veh (s)	10.8	18.0	11.7	23.5	27.3	20.4	13.1	14.5	6.2	8.7	15.6	3.6
Stop Delay (hr)	0.0	0.6	0.1	0.3	1.5	0.2	0.1	0.4	0.1	0.1	0.5	0.0
Stop Del/Veh (s)	5.3	7.7	7.5	15.7	15.6	14.2	9.9	7.6	4.3	5.6	7.7	3.7
Total Stops	7	280	24	66	342	41	42	183	48	51	232	14
Stop/Veh	0.88	0.96	0.96	0.99	0.97	0.98	1.00	0.87	1.00	0.98	0.99	1.00
Travel Dist (mi)	3.6	140.7	12.3	32.7	170.9	20.6	8.3	38.7	9.4	4.2	18.9	1.1
Travel Time (hr)	0.1	4.7	0.4	1.3	6.6	0.8	0.4	1.6	0.3	0.3	1.4	0.1
Vehicles Entered	8	288	25	66	345	41	42	208	48	52	233	14
Vehicles Exited	7	289	25	66	344	41	42	208	48	51	232	14
Hourly Exit Rate	7	289	25	66	344	41	42	208	48	51	232	14
Input Volume	9	295	22	65	333	43	43	212	47	50	228	13
% of Volume	78	98	114	102	103	95	98	98	102	102	102	108
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

9: Lyon Ave & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.2
Total Delay (hr)	7.1
Total Del/Veh (s)	18.6
Stop Delay (hr)	3.9
Stop Del/Veh (s)	10.1
Total Stops	1330
Stop/Veh	0.96
Travel Dist (mi)	461.4
Travel Time (hr)	18.0
Vehicles Entered	1370
Vehicles Exited	1367
Hourly Exit Rate	1367
Input Volume	1360
% of Volume	101
Denied Entry Before	0
Denied Entry After	0

10: Palm Ave & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2
Total Delay (hr)	0.1	1.3	0.1	0.2	2.1	0.1	0.1	0.4	0.1	0.1	0.3	0.0
Total Del/Veh (s)	11.6	15.3	10.4	10.5	18.8	12.7	9.5	10.0	7.2	8.2	10.8	5.2
Stop Delay (hr)	0.1	0.4	0.0	0.1	1.1	0.1	0.1	0.2	0.1	0.0	0.2	0.0
Stop Del/Veh (s)	4.8	5.1	5.0	4.8	10.3	9.4	6.3	4.9	5.1	5.6	5.0	4.2
Total Stops	43	294	26	72	389	42	31	117	55	28	111	31
Stop/Veh	0.98	0.94	1.00	1.04	0.99	1.00	0.97	0.76	1.00	1.00	1.00	1.00
Travel Dist (mi)	21.6	150.7	12.8	8.3	46.9	5.0	12.2	52.5	21.4	1.9	7.4	2.1
Travel Time (hr)	0.7	4.8	0.4	0.5	3.1	0.3	0.4	1.8	0.7	0.1	0.5	0.1
Vehicles Entered	43	309	26	69	388	42	32	151	55	28	111	31
Vehicles Exited	43	309	25	68	390	42	32	151	55	28	111	31
Hourly Exit Rate	43	309	25	68	390	42	32	151	55	28	111	31
Input Volume	43	315	25	64	380	40	31	152	52	31	110	30
% of Volume	100	98	100	106	103	105	103	99	106	90	101	103
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

10: Palm Ave & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.0
Total Delay (hr)	5.0
Total Del/Veh (s)	13.9
Stop Delay (hr)	2.4
Stop Del/Veh (s)	6.8
Total Stops	1239
Stop/Veh	0.95
Travel Dist (mi)	342.6
Travel Time (hr)	13.5
Vehicles Entered	1285
Vehicles Exited	1285
Hourly Exit Rate	1285
Input Volume	1273
% of Volume	101
Denied Entry Before	0
Denied Entry After	0

11: State St & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Denied Del/Veh (s)	0.2	0.0	0.2	3.2	0.5	0.2	0.0	0.0	0.0	2.8	0.3	0.3
Total Delay (hr)	0.5	1.7	0.1	0.8	2.5	0.1	0.7	3.6	0.6	1.5	4.4	0.2
Total Del/Veh (s)	34.2	22.6	7.0	32.7	24.5	4.7	49.2	22.8	19.9	43.8	19.3	11.1
Stop Delay (hr)	0.4	1.2	0.1	0.7	1.6	0.1	0.6	2.0	0.4	1.3	2.7	0.2
Stop Del/Veh (s)	30.0	15.7	4.7	27.2	15.9	4.0	41.7	12.7	12.2	38.3	11.8	8.6
Total Stops	43	166	43	82	218	48	49	287	68	123	438	33
Stop/Veh	0.90	0.60	0.57	0.91	0.60	0.58	0.98	0.50	0.59	1.00	0.53	0.51
Travel Dist (mi)	17.4	100.1	27.4	12.1	49.5	11.2	24.6	277.5	57.2	11.5	78.0	6.1
Travel Time (hr)	0.9	4.0	0.9	1.3	3.6	0.5	1.3	10.1	2.1	2.0	6.3	0.4
Vehicles Entered	47	274	75	88	361	82	49	566	114	122	823	64
Vehicles Exited	47	272	75	89	364	82	49	560	114	122	819	65
Hourly Exit Rate	47	272	75	89	364	82	49	560	114	122	819	65
Input Volume	48	281	75	91	350	83	47	564	115	117	826	65
% of Volume	98	97	100	98	104	99	104	99	99	104	99	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

11: State St & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.3
Denied Del/Veh (s)	0.4
Total Delay (hr)	16.8
Total Del/Veh (s)	22.5
Stop Delay (hr)	11.3
Stop Del/Veh (s)	15.1
Total Stops	1598
Stop/Veh	0.59
Travel Dist (mi)	672.5
Travel Time (hr)	33.4
Vehicles Entered	2665
Vehicles Exited	2658
Hourly Exit Rate	2658
Input Volume	2662
% of Volume	100
Denied Entry Before	0
Denied Entry After	0

12: Warren Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.0	0.0	0.8	0.5	0.5	0.3	0.3	0.3
Total Delay (hr)	0.0	0.1	0.0	0.4	0.2	0.1	0.0	2.9	0.5	0.1	1.2	0.1
Total Del/Veh (s)	3.8	10.1	4.9	10.5	6.5	10.0	18.8	21.8	14.8	10.5	15.0	7.5
Stop Delay (hr)	0.0	0.0	0.0	0.2	0.1	0.1	0.0	1.2	0.3	0.1	0.3	0.0
Stop Del/Veh (s)	2.9	3.9	4.0	4.4	1.3	4.5	11.2	9.0	9.0	5.1	4.1	3.5
Total Stops	11	29	1	123	33	42	5	474	122	44	289	28
Stop/Veh	1.00	1.00	1.00	0.97	0.25	1.00	1.00	0.99	0.98	0.98	1.00	1.00
Travel Dist (mi)	1.3	3.7	0.2	128.1	86.2	42.8	1.1	105.1	27.2	10.1	65.5	6.3
Travel Time (hr)	0.0	0.2	0.0	3.2	2.1	1.1	0.1	4.9	1.3	0.4	2.4	0.2
Vehicles Entered	11	29	1	126	133	41	5	476	123	44	289	28
Vehicles Exited	11	29	1	123	132	42	5	474	122	44	288	28
Hourly Exit Rate	11	29	1	123	132	42	5	474	122	44	288	28
Input Volume	11	29	1	124	131	40	5	477	126	48	282	25
% of Volume	100	100	100	99	101	105	100	99	97	92	102	112
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

12: Warren Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.3
Total Delay (hr)	5.7
Total Del/Veh (s)	15.5
Stop Delay (hr)	2.2
Stop Del/Veh (s)	6.1
Total Stops	1201
Stop/Veh	0.91
Travel Dist (mi)	477.6
Travel Time (hr)	15.8
Vehicles Entered	1306
Vehicles Exited	1299
Hourly Exit Rate	1299
Input Volume	1299
% of Volume	100
Denied Entry Before	0
Denied Entry After	0

13: Cawston Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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)	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.2	0.7	0.2	0.3	0.8	0.0	0.3	0.5	0.1	0.1	0.6	0.2
Total Del/Veh (s)	15.3	15.3	8.0	15.1	13.6	8.6	17.7	9.9	5.1	13.1	12.1	7.4
Stop Delay (hr)	0.1	0.3	0.1	0.2	0.4	0.0	0.2	0.2	0.0	0.0	0.3	0.1
Stop Del/Veh (s)	10.3	7.2	4.8	11.1	6.9	5.9	12.8	5.0	2.5	8.2	6.2	4.1
Total Stops	35	82	42	58	97	10	51	71	34	8	77	39
Stop/Veh	0.69	0.51	0.56	0.72	0.49	0.59	0.82	0.42	0.52	0.57	0.45	0.53
Travel Dist (mi)	44.3	136.8	64.0	31.4	72.5	6.8	30.6	79.4	31.7	7.1	84.7	36.6
Travel Time (hr)	1.2	3.6	1.6	1.1	2.2	0.2	1.2	2.8	1.1	0.3	3.1	1.3
Vehicles Entered	50	159	74	80	198	17	61	166	63	14	170	73
Vehicles Exited	50	158	73	78	197	17	61	167	64	14	169	72
Hourly Exit Rate	50	158	73	78	197	17	61	167	64	14	169	72
Input Volume	53	167	70	77	195	17	59	169	63	13	173	71
% of Volume	94	95	104	101	101	100	103	99	102	108	98	101
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

13: Cawston Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.0
Total Delay (hr)	3.8
Total Del/Veh (s)	12.1
Stop Delay (hr)	2.1
Stop Del/Veh (s)	6.7
Total Stops	604
Stop/Veh	0.53
Travel Dist (mi)	625.9
Travel Time (hr)	19.7
Vehicles Entered	1125
Vehicles Exited	1120
Hourly Exit Rate	1120
Input Volume	1127
% of Volume	99
Denied Entry Before	0
Denied Entry After	0

14: Sanderson Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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	0.1	0.0	0.0	0.0	2.8	0.2	0.3	0.0	0.0	0.0
Total Delay (hr)	0.6	1.2	0.1	1.4	1.3	0.1	0.6	3.3	0.3	0.9	5.9	0.2
Total Del/Veh (s)	34.7	32.4	9.6	34.2	23.3	4.3	39.4	17.6	10.1	42.1	22.6	11.0
Stop Delay (hr)	0.5	1.0	0.1	1.2	1.0	0.1	0.5	2.0	0.2	0.7	2.6	0.0
Stop Del/Veh (s)	32.0	25.6	8.3	30.4	18.3	4.2	35.9	10.8	7.1	34.1	10.1	2.7
Total Stops	53	109	38	124	123	38	50	336	57	70	454	29
Stop/Veh	0.88	0.78	0.90	0.84	0.61	0.72	0.93	0.50	0.52	0.90	0.48	0.45
Travel Dist (mi)	5.7	13.3	4.0	46.9	61.1	16.9	8.7	110.0	17.7	38.5	462.5	32.0
Travel Time (hr)	0.8	1.5	0.3	2.7	2.8	0.5	0.9	5.8	0.9	1.8	15.4	1.0
Vehicles Entered	59	138	42	145	200	53	54	672	108	77	927	64
Vehicles Exited	59	137	42	145	199	52	53	672	108	76	924	64
Hourly Exit Rate	59	137	42	145	199	52	53	672	108	76	924	64
Input Volume	63	139	43	152	192	51	54	672	107	75	928	62
% of Volume	94	99	98	95	104	102	98	100	101	101	100	103
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

14: Sanderson Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.1
Total Delay (hr)	15.9
Total Del/Veh (s)	22.4
Stop Delay (hr)	10.2
Stop Del/Veh (s)	14.3
Total Stops	1481
Stop/Veh	0.58
Travel Dist (mi)	817.3
Travel Time (hr)	34.4
Vehicles Entered	2539
Vehicles Exited	2531
Hourly Exit Rate	2531
Input Volume	2538
% of Volume	100
Denied Entry Before	0
Denied Entry After	0

15: Kirby St & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.2	0.0	0.0	0.0	0.5	0.5	3.5	0.0	0.0	0.4
Total Delay (hr)	0.2	2.9	0.4	0.7	3.2	0.3	0.2	0.9	0.2	0.2	1.2	0.1
Total Del/Veh (s)	28.2	31.8	25.7	33.1	35.6	31.4	14.2	15.9	6.3	16.8	18.3	9.2
Stop Delay (hr)	0.2	2.2	0.4	0.5	2.1	0.3	0.1	0.5	0.1	0.1	0.7	0.1
Stop Del/Veh (s)	24.7	23.5	24.1	25.1	23.7	24.7	10.5	9.2	4.7	11.6	10.4	5.2
Total Stops	28	327	59	75	310	38	51	208	90	34	232	39
Stop/Veh	1.00	0.99	0.98	0.99	0.97	1.00	1.00	0.99	0.99	1.00	0.98	0.98
Travel Dist (mi)	4.2	49.0	8.9	37.8	157.4	19.2	8.7	35.6	15.5	16.1	109.8	18.5
Travel Time (hr)	0.3	3.9	0.7	1.6	6.7	0.8	0.5	1.9	0.7	0.6	4.1	0.6
Vehicles Entered	28	327	59	75	314	38	51	208	91	34	232	39
Vehicles Exited	27	326	59	74	314	38	51	209	90	34	232	39
Hourly Exit Rate	27	326	59	74	314	38	51	209	90	34	232	39
Input Volume	26	324	60	78	308	36	55	215	89	38	225	38
% of Volume	104	101	98	95	102	106	93	97	101	89	103	103
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

15: Kirby St & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.4
Total Delay (hr)	10.5
Total Del/Veh (s)	25.0
Stop Delay (hr)	7.3
Stop Del/Veh (s)	17.4
Total Stops	1491
Stop/Veh	0.99
Travel Dist (mi)	480.6
Travel Time (hr)	22.6
Vehicles Entered	1496
Vehicles Exited	1493
Hourly Exit Rate	1493
Input Volume	1492
% of Volume	100
Denied Entry Before	0
Denied Entry After	0

16: Lyon Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.0	0.0	3.6	0.5	3.7	0.0	0.0	0.0
Total Delay (hr)	0.2	2.3	0.1	1.1	1.9	0.1	0.1	1.0	0.2	0.4	1.0	0.0
Total Del/Veh (s)	31.2	20.4	8.9	37.6	17.3	5.2	27.3	18.6	6.4	24.5	14.4	4.6
Stop Delay (hr)	0.2	1.2	0.0	0.9	0.9	0.1	0.1	0.6	0.1	0.3	0.6	0.0
Stop Del/Veh (s)	24.3	10.4	4.2	29.3	7.9	2.8	24.5	11.3	4.9	21.8	8.4	3.9
Total Stops	25	235	20	101	203	37	17	126	56	47	138	9
Stop/Veh	0.96	0.58	0.56	0.95	0.50	0.49	0.94	0.64	0.66	0.89	0.54	0.60
Travel Dist (mi)	12.9	198.6	17.4	51.3	195.5	36.9	1.6	18.1	7.8	15.9	76.4	4.4
Travel Time (hr)	0.6	6.9	0.5	2.5	7.0	1.1	0.2	1.4	0.5	0.7	2.6	0.1
Vehicles Entered	26	402	35	104	399	75	18	197	85	52	255	15
Vehicles Exited	26	400	35	104	400	74	18	197	84	52	254	14
Hourly Exit Rate	26	400	35	104	400	74	18	197	84	52	254	14
Input Volume	29	404	31	107	394	77	17	196	83	53	247	15
% of Volume	90	99	113	97	102	96	106	101	101	98	103	93
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

16: Lyon Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.3
Total Delay (hr)	8.5
Total Del/Veh (s)	18.2
Stop Delay (hr)	5.0
Stop Del/Veh (s)	10.7
Total Stops	1014
Stop/Veh	0.60
Travel Dist (mi)	637.0
Travel Time (hr)	24.2
Vehicles Entered	1663
Vehicles Exited	1658
Hourly Exit Rate	1658
Input Volume	1653
% of Volume	100
Denied Entry Before	0
Denied Entry After	0

17: Palm Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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	3.6	0.4	0.4	1.3	0.1	1.3
Total Delay (hr)	0.4	3.8	0.2	1.2	3.2	0.2	0.5	0.9	0.4	0.7	1.0	0.1
Total Del/Veh (s)	43.3	28.7	21.7	40.1	21.6	6.7	36.0	26.0	12.3	33.4	20.3	4.5
Stop Delay (hr)	0.3	1.9	0.1	0.9	1.4	0.1	0.4	0.7	0.3	0.6	0.8	0.0
Stop Del/Veh (s)	34.4	14.5	12.6	29.6	9.8	3.0	32.1	18.9	9.3	30.7	16.2	3.5
Total Stops	30	289	26	95	252	43	44	91	87	70	116	30
Stop/Veh	0.97	0.61	0.65	0.88	0.48	0.51	0.94	0.73	0.72	0.92	0.66	0.67
Travel Dist (mi)	15.0	229.4	19.6	52.7	253.2	42.0	6.7	18.0	17.4	6.5	15.2	3.9
Travel Time (hr)	0.7	8.6	0.7	2.7	9.7	1.3	0.7	1.4	1.0	1.0	1.4	0.2
Vehicles Entered	30	467	40	105	516	83	46	124	120	75	176	45
Vehicles Exited	30	465	40	105	516	83	46	124	120	74	176	44
Hourly Exit Rate	30	465	40	105	516	83	46	124	120	74	176	44
Input Volume	30	472	38	107	517	82	46	123	118	74	173	43
% of Volume	100	99	105	98	100	101	100	101	102	100	102	102
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

17: Palm Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.2
Total Delay (hr)	12.5
Total Del/Veh (s)	24.2
Stop Delay (hr)	7.6
Stop Del/Veh (s)	14.8
Total Stops	1173
Stop/Veh	0.63
Travel Dist (mi)	679.7
Travel Time (hr)	29.5
Vehicles Entered	1827
Vehicles Exited	1823
Hourly Exit Rate	1823
Input Volume	1823
% of Volume	100
Denied Entry Before	0
Denied Entry After	0

18: State St & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	2.5	0.2	0.3	3.0	0.2	0.2	0.0	0.0	0.0
Total Delay (hr)	1.2	4.7	0.6	1.8	4.6	0.9	0.8	4.5	1.0	3.4	5.2	0.7
Total Del/Veh (s)	56.0	33.2	27.6	49.3	30.5	20.2	47.5	32.2	22.9	55.2	27.6	23.4
Stop Delay (hr)	1.0	3.1	0.4	1.6	3.4	0.7	0.8	3.4	0.8	2.7	2.8	0.4
Stop Del/Veh (s)	47.7	21.8	20.3	43.2	22.7	15.7	42.4	24.7	18.4	43.5	14.8	13.8
Total Stops	80	330	53	133	382	119	67	353	111	216	372	63
Stop/Veh	1.04	0.65	0.72	1.00	0.70	0.72	1.05	0.71	0.74	0.98	0.55	0.59
Travel Dist (mi)	37.9	244.9	36.3	36.5	151.3	45.7	14.3	111.6	33.6	107.6	326.3	52.2
Travel Time (hr)	2.1	9.9	1.5	2.9	8.5	2.3	1.3	7.3	2.0	6.1	12.7	2.0
Vehicles Entered	76	504	73	130	541	163	63	491	148	215	664	104
Vehicles Exited	75	500	73	130	537	163	62	491	149	216	669	105
Hourly Exit Rate	75	500	73	130	537	163	62	491	149	216	669	105
Input Volume	77	506	74	125	538	167	64	482	148	221	667	104
% of Volume	97	99	99	104	100	98	97	102	101	98	100	101
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

18: State St & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.3
Total Delay (hr)	29.4
Total Del/Veh (s)	32.8
Stop Delay (hr)	21.1
Stop Del/Veh (s)	23.5
Total Stops	2279
Stop/Veh	0.71
Travel Dist (mi)	1198.1
Travel Time (hr)	58.5
Vehicles Entered	3172
Vehicles Exited	3170
Hourly Exit Rate	3170
Input Volume	3173
% of Volume	100
Denied Entry Before	0
Denied Entry After	0

19: Cawston Ave & Eaton Ave Performance by movement

Movement	WBL	WBR	NBT	NBR	SBL	SBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Denied Del/Veh (s)	0.2	2.6	0.0	0.0	0.8	0.0	0.3
Total Delay (hr)	0.0	0.0	0.7	0.1	0.1	0.8	1.8
Total Del/Veh (s)	4.1	2.4	9.3	5.7	7.3	8.6	8.1
Stop Delay (hr)	0.0	0.0	0.2	0.0	0.1	0.3	0.6
Stop Del/Veh (s)	2.6	2.3	2.8	2.7	3.1	2.7	2.8
Total Stops	26	47	243	45	70	344	775
Stop/Veh	0.96	0.98	0.95	1.00	1.00	0.99	0.98
Travel Dist (mi)	8.8	15.8	61.6	11.1	30.6	152.0	280.0
Travel Time (hr)	0.3	0.5	2.5	0.4	1.1	5.3	10.1
Vehicles Entered	27	47	254	45	69	344	786
Vehicles Exited	26	47	253	45	69	344	784
Hourly Exit Rate	26	47	253	45	69	344	784
Input Volume	30	47	253	44	70	347	791
% of Volume	87	100	100	102	99	99	99
Denied Entry Before	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0

20: Cawston Ave & Coriander Dr/Fruitvale Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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)	0.1	0.1	0.1	0.2	0.3	3.3	3.0	0.1	0.1	0.6	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.6	0.1	0.1	1.0	0.0
Total Del/Veh (s)	3.9	3.2	3.0	4.8	8.3	2.7	5.2	7.6	3.4	7.6	9.6	5.6
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.3	0.0
Stop Del/Veh (s)	2.7	2.0	2.8	2.9	3.5	2.5	2.9	2.7	2.4	3.1	2.8	3.1
Total Stops	1	1	6	42	3	33	6	265	58	50	377	2
Stop/Veh	1.00	1.00	1.00	1.00	1.00	0.97	1.00	0.99	1.00	0.98	0.99	1.00
Travel Dist (mi)	0.1	0.1	0.7	9.8	0.7	7.9	1.5	64.2	14.0	11.6	87.8	0.5
Travel Time (hr)	0.0	0.0	0.0	0.4	0.0	0.3	0.1	2.4	0.5	0.5	3.6	0.0
Vehicles Entered	1	1	6	41	3	33	6	265	58	51	378	2
Vehicles Exited	1	1	6	42	3	33	6	265	58	50	377	2
Hourly Exit Rate	1	1	6	42	3	33	6	265	58	50	377	2
Input Volume	2	1	5	42	3	33	7	262	56	51	387	2
% of Volume	50	100	120	100	100	100	86	101	104	98	97	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

20: Cawston Ave & Coriander Dr/Fruitvale Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.3
Total Delay (hr)	1.9
Total Del/Veh (s)	7.9
Stop Delay (hr)	0.7
Stop Del/Veh (s)	2.8
Total Stops	844
Stop/Veh	0.99
Travel Dist (mi)	198.9
Travel Time (hr)	7.8
Vehicles Entered	845
Vehicles Exited	844
Hourly Exit Rate	844
Input Volume	851
% of Volume	99
Denied Entry Before	0
Denied Entry After	0

Total Network Performance

Denied Delay (hr)	3.8
Denied Del/Veh (s)	0.9
Total Delay (hr)	224.5
Total Del/Veh (s)	53.3
Stop Delay (hr)	127.5
Stop Del/Veh (s)	30.3
Total Stops	23627
Stop/Veh	1.56
Travel Dist (mi)	16944.6
Travel Time (hr)	619.9
Vehicles Entered	14632
Vehicles Exited	14560
Hourly Exit Rate	14560
Input Volume	54088
% of Volume	27
Denied Entry Before	0
Denied Entry After	2

Intersection: 1: Sanderson Ave & Ramona Expy

Movement	EB	EB	EB	EB	EB	WB	WB	WB	WB	WB	NB	NB
Directions Served	L	L	T	T	R	L	L	T	T	R	L	L
Maximum Queue (ft)	211	235	227	234	114	54	72	199	256	316	76	88
Average Queue (ft)	127	153	133	130	40	15	27	128	111	161	31	43
95th Queue (ft)	198	218	206	206	84	42	60	186	202	270	65	79
Link Distance (ft)			1976	1976				2634	2634			
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	400	400			180	375	375			143	400	400
Storage Blk Time (%)				1					2	12		
Queuing Penalty (veh)				2					11	23		

Intersection: 1: Sanderson Ave & Ramona Expy

Movement	NB	NB	NB	SB	SB	SB	SB	SB
Directions Served	T	T	R	L	L	T	T	R
Maximum Queue (ft)	255	245	28	322	338	799	874	242
Average Queue (ft)	155	143	6	196	213	221	215	90
95th Queue (ft)	235	222	20	287	301	552	554	197
Link Distance (ft)	873	873	873			2486	2486	
Upstream Blk Time (%)						0	0	
Queuing Penalty (veh)						0	0	
Storage Bay Dist (ft)				400	400			250
Storage Blk Time (%)				0	0		2	0
Queuing Penalty (veh)				0	0		8	1

Intersection: 2: Sanderson Ave & Ramona Blvd

Movement	NB	NB	NB	SB	SB	SB	NW	NW
Directions Served	T	T	R	L	T	T	L	R
Maximum Queue (ft)	172	128	58	201	134	145	78	75
Average Queue (ft)	81	38	16	104	26	40	26	28
95th Queue (ft)	141	90	43	178	86	105	59	55
Link Distance (ft)	969	969			873	873	2330	
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)			120	170				50
Storage Blk Time (%)		0		2	0		4	1
Queuing Penalty (veh)		0		9	0		4	0

Intersection: 3: Cawston Ave & Cottonwood Ave

Movement	WB	NB	NB
Directions Served	L	L	R
Maximum Queue (ft)	56	53	56
Average Queue (ft)	17	22	30
95th Queue (ft)	44	48	49
Link Distance (ft)		697	697
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)	195		
Storage Blk Time (%)			
Queuing Penalty (veh)			

Intersection: 4: Sanderson Ave & Cottonwood Ave

Movement	EB	EB	EB	EB	EB	WB	WB	WB	WB	NB	NB	NB
Directions Served	L	L	T	T	R	L	L	T	R	L	L	T
Maximum Queue (ft)	64	72	82	88	55	63	108	136	61	78	37	141
Average Queue (ft)	20	32	42	38	21	14	43	66	24	24	4	65
95th Queue (ft)	48	62	74	73	45	43	84	117	50	55	23	120
Link Distance (ft)			513	513				1294	1294			2542
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	300	300			205	320	320			300	300	
Storage Blk Time (%)												
Queuing Penalty (veh)												

Intersection: 4: Sanderson Ave & Cottonwood Ave

Movement	NB	NB	SB	SB	SB	SB	SB
Directions Served	T	R	L	L	T	T	R
Maximum Queue (ft)	156	70	113	161	231	202	53
Average Queue (ft)	79	22	17	73	129	98	25
95th Queue (ft)	137	52	63	130	198	173	47
Link Distance (ft)	2542				915	915	
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)		210	290	290			200
Storage Blk Time (%)					0	0	
Queuing Penalty (veh)					0	0	

Intersection: 5: 7th St & Karpick St

Movement	SB
Directions Served	LR
Maximum Queue (ft)	57
Average Queue (ft)	22
95th Queue (ft)	51
Link Distance (ft)	135
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 6: Cawston Ave & 7th St

Movement	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	LTR	L	T	TR	L	TR	LT	R
Maximum Queue (ft)	49	59	47	58	50	89	77	20
Average Queue (ft)	22	29	22	27	22	48	37	6
95th Queue (ft)	38	50	43	49	49	75	63	20
Link Distance (ft)	571		1098	1098		2608	1226	1226
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)		160			85			
Storage Blk Time (%)						0		
Queuing Penalty (veh)						0		

Intersection: 7: Sanderson Ave & 7th St

Movement	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB	SB
Directions Served	L	TR	L	T	R	L	T	TR	L	T	T	R
Maximum Queue (ft)	47	84	101	91	62	98	162	186	104	169	183	37
Average Queue (ft)	8	30	45	40	16	35	80	107	43	92	105	8
95th Queue (ft)	30	66	85	76	44	76	137	171	86	153	164	26
Link Distance (ft)		1368		646			2568	2568		2542	2542	
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	53		145		600	300			360			360
Storage Blk Time (%)	0	2	0	0								
Queuing Penalty (veh)	0	0	0	0								

Intersection: 8: Kirby St & 7th St

Movement	EB	EB	WB	WB	NB	NB	SB	SB
Directions Served	LT	R	L	TR	LT	R	LT	R
Maximum Queue (ft)	106	48	58	82	75	43	99	31
Average Queue (ft)	50	16	28	43	36	17	46	13
95th Queue (ft)	88	36	47	70	61	34	77	36
Link Distance (ft)	1855			2533	2574		620	
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)		110	150			280		70
Storage Blk Time (%)	0						1	
Queuing Penalty (veh)	0						0	

Intersection: 9: Lyon Ave & 7th St

Movement	EB	EB	WB	NB	NB	SB	SB	SB
Directions Served	L	TR	LTR	LT	R	L	T	R
Maximum Queue (ft)	24	105	256	138	63	58	125	40
Average Queue (ft)	4	50	109	66	27	27	63	9
95th Queue (ft)	19	89	204	109	54	53	100	31
Link Distance (ft)		2533	2566	988			429	429
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)	150				105	150		
Storage Blk Time (%)		0		2	0		0	
Queuing Penalty (veh)		0		1	0		0	

Intersection: 10: Palm Ave & 7th St

Movement	EB	EB	WB	WB	NB	SB
Directions Served	L	TR	L	TR	LTR	LTR
Maximum Queue (ft)	46	99	169	268	120	87
Average Queue (ft)	24	56	43	117	59	48
95th Queue (ft)	46	87	108	207	97	76
Link Distance (ft)		2566		601	2014	350
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	100		75			
Storage Blk Time (%)		0	0	21		
Queuing Penalty (veh)		0	0	14		

Intersection: 11: State St & 7th St

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	R	L	T	R	L	T	TR	L	T	TR
Maximum Queue (ft)	126	234	113	140	288	77	120	221	240	174	358	310
Average Queue (ft)	37	111	31	62	147	27	37	97	120	86	178	133
95th Queue (ft)	87	190	78	127	247	57	88	190	214	164	292	246
Link Distance (ft)		1929			721	721		2560	2560		491	491
Upstream Blk Time (%)											0	
Queuing Penalty (veh)											0	
Storage Bay Dist (ft)	95		215	60			85			105		
Storage Blk Time (%)	0	14	0	7	30		1	11		5	20	
Queuing Penalty (veh)	1	17	0	25	27		3	5		20	23	

Intersection: 12: Warren Ave & Esplanade Ave

Movement	EB	WB	NB	SB
Directions Served	LTR	LTR	LTR	LTR
Maximum Queue (ft)	57	92	275	125
Average Queue (ft)	23	49	116	62
95th Queue (ft)	47	79	211	99
Link Distance (ft)	671	5386	1168	1198
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 13: Cawston Ave & Esplanade Ave

Movement	EB	WB	NB	NB	NB	SB
Directions Served	LTR	LTR	L	T	R	LTR
Maximum Queue (ft)	168	174	85	93	52	132
Average Queue (ft)	68	78	33	45	22	61
95th Queue (ft)	129	152	69	81	48	109
Link Distance (ft)	5386	2030		2597	2597	2608
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)			150			
Storage Blk Time (%)						
Queuing Penalty (veh)						

Intersection: 14: Sanderson Ave & Esplanade Ave

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	R	L	T	R	L	T	TR	L	T	T
Maximum Queue (ft)	93	156	80	139	171	54	86	213	221	122	238	245
Average Queue (ft)	41	74	27	83	85	22	35	120	103	50	126	139
95th Queue (ft)	82	135	75	132	146	46	73	190	184	99	207	220
Link Distance (ft)		453			1649	1649		852	852		2568	2568
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	130		55	155			225			245		
Storage Blk Time (%)	0	16	0	0	1			0			0	1
Queuing Penalty (veh)	0	17	0	0	1			0			0	1

Intersection: 14: Sanderson Ave & Esplanade Ave

Movement	SB
Directions Served	R
Maximum Queue (ft)	76
Average Queue (ft)	15
95th Queue (ft)	48
Link Distance (ft)	
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	200
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 15: Kirby St & Esplanade Ave

Movement	EB	WB	NB	NB	SB	SB
Directions Served	LTR	LTR	LT	R	LT	R
Maximum Queue (ft)	283	288	137	76	155	78
Average Queue (ft)	133	151	70	35	72	25
95th Queue (ft)	266	266	114	61	126	64
Link Distance (ft)	834	2574	903		2574	
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)				132		100
Storage Blk Time (%)			0		3	
Queuing Penalty (veh)			0		1	

Intersection: 16: Lyon Ave & Esplanade Ave

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	R	L	T	R	L	T	R	L	T	R
Maximum Queue (ft)	76	196	55	183	271	86	43	152	71	71	132	24
Average Queue (ft)	20	103	11	65	108	18	13	64	22	30	66	5
95th Queue (ft)	55	172	38	133	217	54	36	120	50	60	114	18
Link Distance (ft)		2574			2526	2526		476			1539	
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	122		122	140			120		120	118		118
Storage Blk Time (%)		4		1	4			1	0		1	
Queuing Penalty (veh)		3		4	4			1	0		0	

Intersection: 17: Palm Ave & Esplanade Ave

Movement	EB	EB	WB	WB	WB	NB	NB	SB	SB	SB		
Directions Served	L	TR	L	T	R	L	TR	L	T	R		
Maximum Queue (ft)	85	322	175	333	92	114	204	103	156	58		
Average Queue (ft)	22	163	72	163	27	31	91	50	76	22		
95th Queue (ft)	67	280	146	306	64	72	161	90	132	50		
Link Distance (ft)		2526		2572	2572		765		494			
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	160		250			75		150		150		
Storage Blk Time (%)		10		2		0	15		0			
Queuing Penalty (veh)		3		2		1	7		0			

Intersection: 18: State St & Esplanade Ave

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	T	TR	L	T	TR
Maximum Queue (ft)	144	224	228	191	297	272	154	258	266	150	321	301
Average Queue (ft)	69	125	139	106	171	163	65	158	151	127	171	166
95th Queue (ft)	133	201	210	190	259	248	143	239	238	173	301	279
Link Distance (ft)		2572	2572		1477	1477		1199	1199		2560	2560
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	100			140			105			100		
Storage Blk Time (%)	4	18		4	17		1	23		32	14	
Queuing Penalty (veh)	10	14		10	21		2	15		102	31	

Intersection: 19: Cawston Ave & Eaton Ave

Movement	WB	WB	NB	NB	SB	SB	SB
Directions Served	L	R	T	TR	L	T	T
Maximum Queue (ft)	41	58	66	67	57	71	67
Average Queue (ft)	17	24	35	37	31	42	41
95th Queue (ft)	42	48	52	56	51	63	62
Link Distance (ft)	1756		1246	1246		2597	2597
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)		50			105		
Storage Blk Time (%)	0	0					
Queuing Penalty (veh)	0	0					

Intersection: 20: Cawston Ave & Coriander Dr/Fruitvale Ave

Movement	EB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	LTR	LT	R	L	T	TR	L	T	TR
Maximum Queue (ft)	30	53	46	31	63	74	48	58	58
Average Queue (ft)	6	25	21	6	38	39	21	30	31
95th Queue (ft)	26	48	46	26	55	63	40	47	52
Link Distance (ft)	670	1254			1280	1280		1246	1246
Upstream Blk Time (%)									
Queuing Penalty (veh)									
Storage Bay Dist (ft)			50	150			58		
Storage Blk Time (%)		0	0				0	0	
Queuing Penalty (veh)		0	0				0	0	

Network Summary

Network wide Queuing Penalty: 447

Intersection: 1: Sanderson Ave & Ramona Expy

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	27.5	27.5	5.5	31.5	8.5	46.5	19.5	17.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	7.1	7.3	5.7	-7.3	7.7	7.4	-1.3	-2.3
g/C Ratio	1.17	1.21	0.76	-1.20	1.23	1.23	-0.22	-0.39
Cycles Skipped (%)	0	0	19	0	3	0	0	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	85	67	78	67	38	88	67	76
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 6.0
Number of Complete Cycles : 32

Intersection: 2: Sanderson Ave & Ramona Blvd

Phase	1	2	3	6	8
Movement(s) Served	SBL	NBT	NWL	SBT	NWR
Maximum Green (s)	18.5	55.5	22.5	78.5	22.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	Min	None
Avg. Green (s)	0.6	-2.5	7.2	4.1	6.9
g/C Ratio	0.13	-0.67	0.82	0.68	1.14
Cycles Skipped (%)	15	0	57	38	38
Cycles @ Minimum (%)	0	0	0	0	13
Cycles Maxed Out (%)	13	3	0	14	0
Cycles with Peds (%)	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 3.8
Number of Complete Cycles : 71

Intersection: 4: Sanderson Ave & Cottonwood Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	8.5	40.5	11.5	31.5	8.5	40.5	12.5	30.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	-6.4	0.5	-7.7	0.4	6.7	6.2	-8.3	1.0
g/C Ratio	-1.09	0.10	-1.15	0.08	0.60	1.19	-1.20	0.19
Cycles Skipped (%)	12	0	23	4	54	0	25	8
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	48	6	10	0	4	17	6	0
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 5.2
Number of Complete Cycles : 52

Intersection: 11: State St & 7th St

Phase	1	2	4	5	6	8
Movement(s) Served	SBL	NBT	EBTL	NBL	SBT	WBTL
Maximum Green (s)	14.5	41.5	40.5	9.5	46.5	40.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	Min	None
Avg. Green (s)	-6.6	0.9	-1.1	7.4	6.9	-1.1
g/C Ratio	-1.07	0.15	-0.19	0.85	1.20	-0.19
Cycles Skipped (%)	7	0	0	34	0	0
Cycles @ Minimum (%)	0	0	0	0	0	0
Cycles Maxed Out (%)	14	21	19	12	26	19
Cycles with Peds (%)	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 5.7
Number of Complete Cycles : 41

Intersection: 14: Sanderson Ave & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	8.5	45.5	14.5	23.5	10.5	43.5	11.5	26.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	7.5	4.5	-4.0	-1.9	7.4	5.7	9.0	4.3
g/C Ratio	1.02	0.78	-0.63	-0.30	0.86	0.99	1.05	0.71
Cycles Skipped (%)	23	0	9	9	33	0	33	4
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	30	13	29	7	7	24	11	18
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 5.7

Number of Complete Cycles : 44

Intersection: 16: Lyon Ave & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	5.0	18.0	5.0	18.0	5.0	18.0	5.0	18.0
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	None	None	Min	None	None	None	Min
Avg. Green (s)	5.9	3.2	5.0	-1.4	6.6	-3.5	5.0	2.4
g/C Ratio	0.78	0.82	0.96	-0.39	0.38	-0.94	0.40	0.68
Cycles Skipped (%)	53	8	31	0	79	4	72	0
Cycles @ Minimum (%)	41	0	69	0	19	0	28	0
Cycles Maxed Out (%)	47	17	69	55	21	30	28	74
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 3.6

Number of Complete Cycles : 74

Intersection: 17: Palm Ave & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	6.5	45.5	9.5	30.5	6.5	45.5	5.5	34.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	6.3	3.5	-7.1	0.2	6.1	5.4	7.9	6.0
g/C Ratio	1.01	0.75	-1.23	0.04	0.73	1.16	0.69	1.25
Cycles Skipped (%)	25	0	19	2	44	0	60	4
Cycles @ Minimum (%)	0	2	0	0	0	0	0	0
Cycles Maxed Out (%)	43	0	35	41	23	0	37	44
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 4.6
Number of Complete Cycles : 51

Intersection: 18: State St & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	22.5	27.5	15.5	26.5	11.5	38.5	12.5	29.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	-2.0	-8.9	-7.6	8.3	8.2	1.6	9.0	-5.5
g/C Ratio	-0.32	-1.45	-1.19	1.36	1.07	0.26	1.22	-0.89
Cycles Skipped (%)	0	0	3	0	20	0	17	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	17	67	20	58	11	53	11	69
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 6.1
Number of Complete Cycles : 35

Appendix C – Approved Scoping Agreement

Project Scoping Form

This scoping form shall be submitted to the City of San Jacinto to assist in identifying infrastructure improvements that may be required to support traffic from the proposed project.

Project Identification:

Case Number:	ARC23-0042
Related Cases:	
SP No.	
EIR No.	
GPA No.	
CZ No.	
Project Name:	Chacon Farms
Project Address:	710 Cawston Avenue North, San Jacinto, CA 92582
Project Opening Year:	2027
Project Description:	Master planned development with 640 residential units, including 210 single family dwellings and 430 townhouses

	Consultant:	**Developer:**
Name:	Darlene Yellowhair, Psomas	Richard Michael (for Teunis J. De Jong)
Address:	333 E. Wetmore Road, Ste. 450	2451 Ramona Expressway
	Tucson, AZ 85705	San Jacinto, CA 92582
Telephone:	520-690-7878	907-229-2072
Fax/Email:	darlene.yellowhair@psomas.com	richard@homealaska.net

Trip Generation Information:

Trip Generation Data Source: ITE Trip Generation Manual, 11th Edition

Current General Plan Land Use: VLDR (very low density residential)

Proposed General Plan Land Use: MDR (medium density residential)

Current Zoning: RR (rural residential)

Proposed Zoning: RM (medium residential)

	Existing Trip Generation			Proposed Trip Generation		
	In	Out	Total	In	Out	Total
AM Trips	0	0	0	91	273	364
PM Trips	0	0	0	276	178	454

Trip Internalization: ☐ Yes ☒ No (_____% Trip Discount)

Pass-By Allowance: ☐ Yes ☒ No (_____% Trip Discount)

Potential Screening Checks

Is your project screened from specific analyses (see Page 8 of the guidelines related to LOS assessment and Page 9 related to VMT).

Is the project screened from LOS assessment? ☐ Yes ☒ No

LOS screening justification (see Page 8 of the guidelines): _____

Is the project screened from VMT assessment? ☒ Yes ☐ No

VMT screening justification (see Page 9 of the guidelines): _____
Per the WRCOG VMT screening tool, the project is located in a low VMT generating TAZ. In addition, the project is consistent with other uses in the TAZ as the northern half of the TAZ is a developed single-family residential neighborhood.

Level of Service Scoping

- Proposed Trip Distribution (Attach Graphic for Detailed Distribution):

North	South	East	West
30 %	30 %	30%	10 %

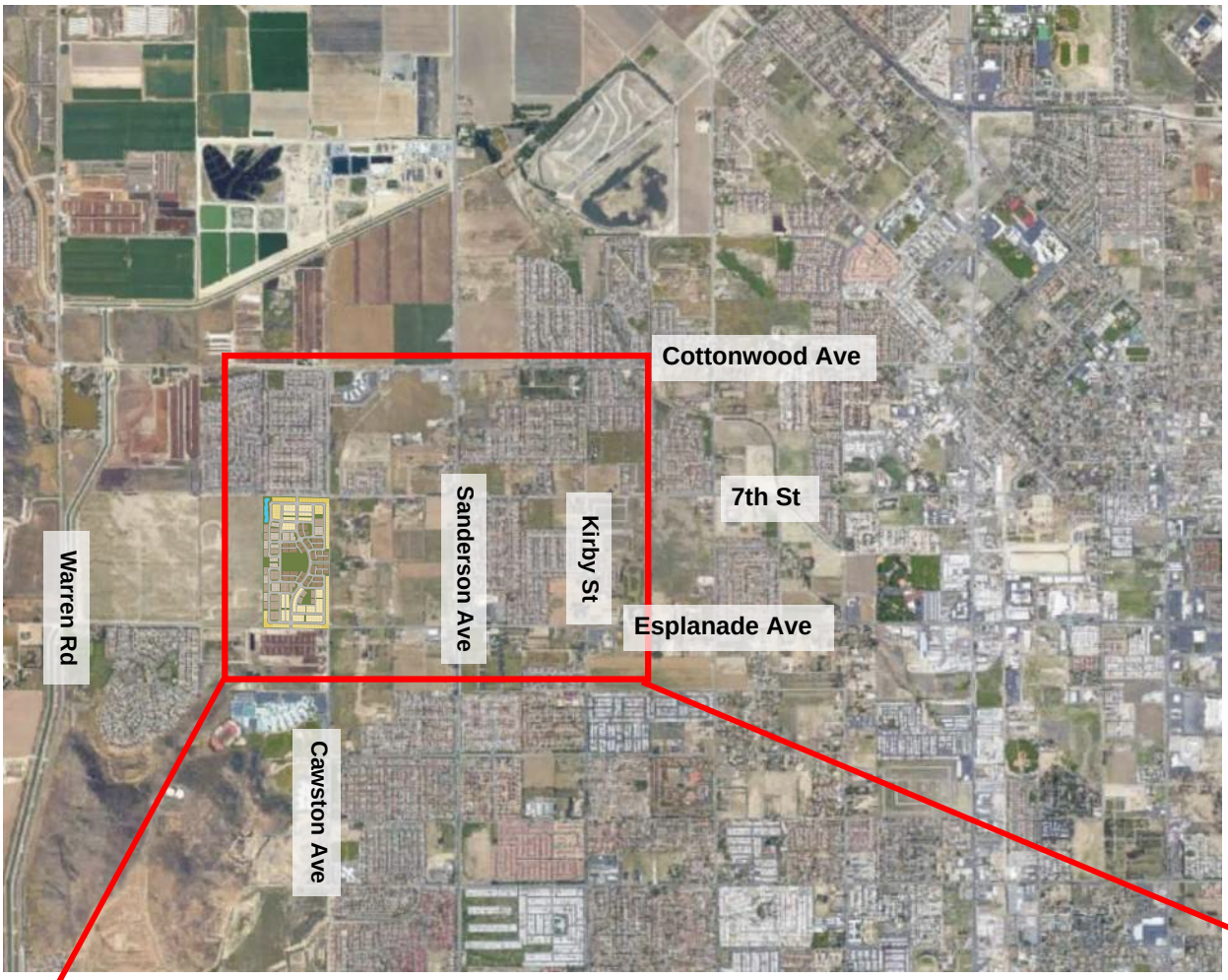
- Attach list of Approved and Pending Projects that need to be considered (provided by the lead agency and adjacent agencies) City to provide
- Attach list of study intersections/roadway segments
- Attach site plan
- Note other specific items to be addressed:
  - Site access
  - On-site circulation
  - Parking
  - Consistency with Plans supporting Bikes/Peds/Transit
  - Other _____
- Date of Traffic Counts September/October 2023
- Attach proposed analysis scenarios (years plus proposed forecasting approach)
- Attach proposed phasing approach (if the project is phased)

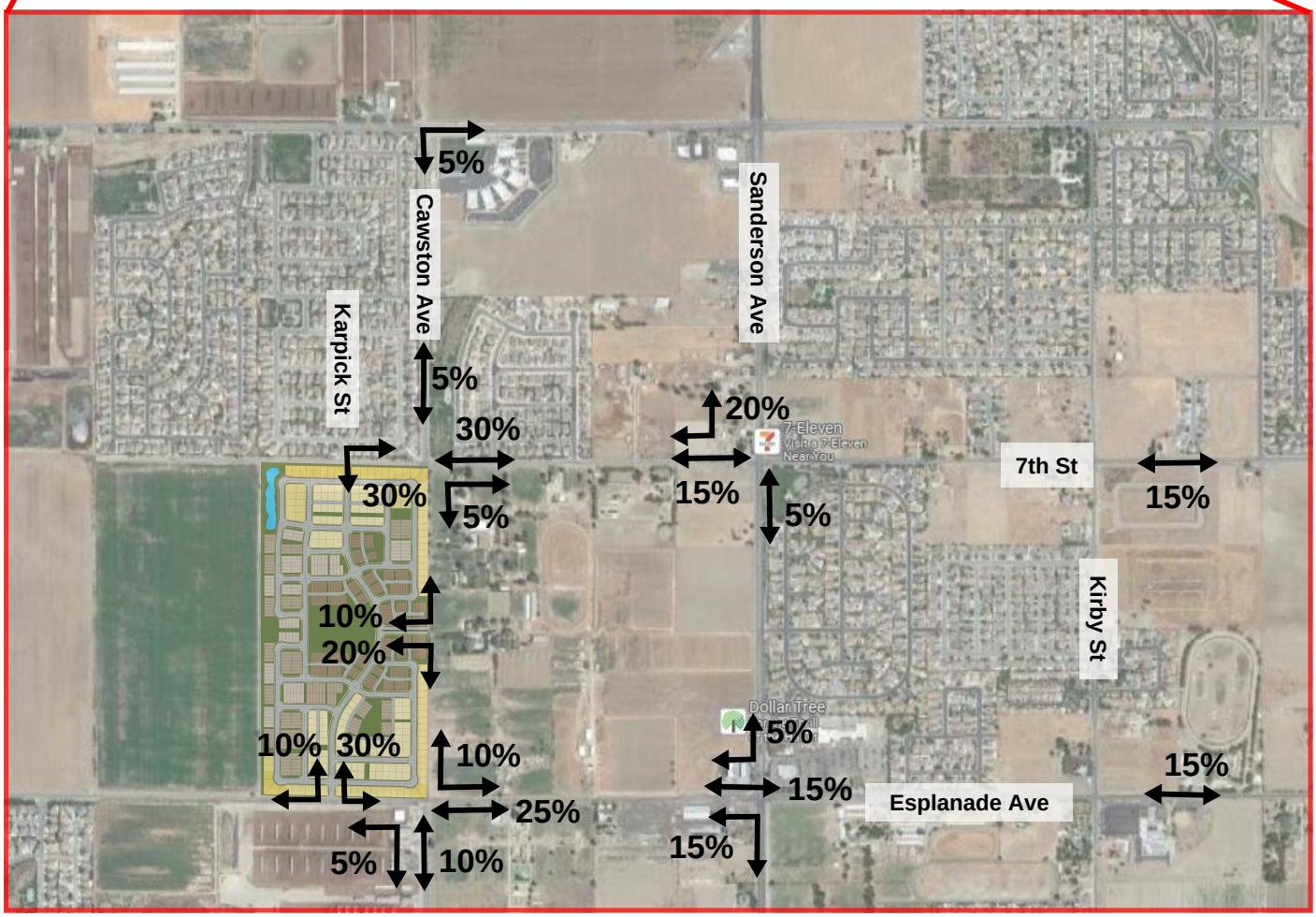
VMT Scoping

For projects that are not screened, identify the following:

- Travel Demand Forecasting Model Used _____
- Attach WRCOG Screening VMT Assessment output or describe why it is not appropriate for use
- Attach proposed Model Land Use Inputs and Assumed Conversion Factors (attach)


5%
10%
20%
Ramona Expy
Ramona Blvd
Sanderson Ave
30%
State St
Cottonwood Ave
Warren Rd
7th St
15%
15%
5%
10%
5%
Esplanade Ave
15%
15%
5%
10%
5%
5%
Cawston Ave
Sanderson Ave
Kirby St
Lyon Ave
Palm Ave
5%
to/from
this area
15%
10%
Florida Ave


Cottonwood Ave
7th St
Sanderson Ave
Kirby St
Esplanade Ave
Warren Rd
Cawston Ave


5%
Cawston Ave
Sanderson Ave
Karpick St
5%
30%
30%
5%
20%
15%
5%
7th St
15%
10%
20%
Kirby St
10%
30%
10%
25%
5%
10%
5%
15%
15%
Esplanade Ave
15%

Intersections (AM and PM peak periods, unless otherwise noted):

1. West 7th Street and Cawston Avenue (include school release period)
2. West 7th Street and Karpick Street
3. West 7th Street and Sanderson Avenue
4. West 7th Street and Kirby Street
5. West 7th Street and Lyon Avenue
6. West 7th Street and Palm Avenue
7. West 7th Street and State Street
8. Cottonwood Avenue and Cawston Avenue (include school release period)
9. Cottonwood Avenue and Sanderson Avenue
10. Cawston Avenue and Esplanade Avenue (include school release period)
11. Cawston Avenue and Eaton Avenue (include school release period)
12. Cawston Avenue and Fruitvale Avenue (include school release period)
13. Esplanade Avenue and Warren Road
14. Esplanade Avenue and Sanderson Avenue
15. Esplanade Avenue and Kirby Street
16. Esplanade Avenue and Lyon Avenue
17. Esplanade Avenue and Palm Avenue
18. Esplanade Avenue and State Street
19. Sanderson Avenue and Ramona Boulevard
20. Sanderson Avenue and Ramona Expressway

Road Segments:

1. 7th Street from Karpick Street to Cawston Avenue
2. Cawston Avenue from 7th Street to Esplanade Avenue
3. Cawston Avenue from Esplanade Avenue to Eaton Avenue

Analysis Scenarios:

1. Existing Conditions (2023)
2. Background Conditions (2027)
3. Background Plus Project Conditions (2027)
4. Cumulative No Project Conditions (2027)
5. Cumulative Plus Project Conditions (2027)

Chacon Farms

PRELIMINARY LOTTING PLAN
SAN JACINTO, CA
JULY, 2023

CHACON FARMS



STATISTICAL SUMMARY

Project Total	73.97 ac
Open Space	
Roads	

LAND USE	UNITS
75′ x 20′ Townhome	93
75′ x 24′ Townhome	152
75′ x 26′ Townhome	185
60′ x 50′ Cottage	115
75′ x 50′ Cottage	71
85′ x 53′ Cottage	24
Total	640
	(8.5 du/ac)

PARKING TYPE	SPACES
Driveway	1,034
Garage	1,266
On-Street Visitor	121
Off-Street Visitor	98
Total	2,519
Total Required	1,456

North

PSOMAS

NOT DRAWN TO SCALE

Appendix D - SimTraffic Reports – Opening Year Without Project Operations

Summary of All Intervals

Run Number	1	2	3	4	5	6	7
Start Time	7:25	7:25	7:25	7:25	7:25	7:25	7:25
End Time	8:30	8:30	8:30	8:30	8:30	8:30	8:30
Total Time (min)	65	65	65	65	65	65	65
Time Recorded (min)	60	60	60	60	60	60	60
# of Intervals	2	2	2	2	2	2	2
# of Recorded Intervals	1	1	1	1	1	1	1
Vehs Entered	14801	15166	14812	15016	14869	15253	14973
Vehs Exited	14670	14962	14587	14822	14730	14899	14781
Starting Vehs	630	616	572	602	619	526	598
Ending Vehs	761	820	797	796	758	880	790
Denied Entry Before	5	0	2	6	4	4	6
Denied Entry After	35	21	10	24	28	16	31
Travel Distance (mi)	17569	17931	17379	17709	17628	17866	17709
Travel Time (hr)	729.4	754.0	706.1	763.6	713.0	773.1	755.8
Total Delay (hr)	318.3	335.0	300.6	349.3	300.4	354.7	341.2
Total Stops	26170	26908	26101	26718	26419	27390	27032
Fuel Used (gal)	703.8	718.9	691.2	715.0	700.4	724.4	715.1

Summary of All Intervals

Run Number	8	9	10	Avg
Start Time	7:25	7:25	7:25	7:25
End Time	8:30	8:30	8:30	8:30
Total Time (min)	65	65	65	65
Time Recorded (min)	60	60	60	60
# of Intervals	2	2	2	2
# of Recorded Intervals	1	1	1	1
Vehs Entered	15150	15019	15113	15020
Vehs Exited	14929	14807	14966	14813
Starting Vehs	600	584	601	593
Ending Vehs	821	796	748	796
Denied Entry Before	5	0	2	1
Denied Entry After	24	26	24	21
Travel Distance (mi)	18047	17559	17839	17724
Travel Time (hr)	742.4	723.9	747.5	740.9
Total Delay (hr)	321.1	314.0	331.0	326.6
Total Stops	26879	26387	27516	26756
Fuel Used (gal)	719.4	705.2	714.4	710.8

Interval #0 Information Seeding

Start Time	7:25
End Time	7:30
Total Time (min)	5

Volumes adjusted by Growth Factors.

No data recorded this interval.

Interval #1 Information Recording

Start Time	7:30
End Time	8:30
Total Time (min)	60

Volumes adjusted by Growth Factors.

Run Number	1	2	3	4	5	6	7
Vehs Entered	14801	15166	14812	15016	14869	15253	14973
Vehs Exited	14670	14962	14587	14822	14730	14899	14781
Starting Vehs	630	616	572	602	619	526	598
Ending Vehs	761	820	797	796	758	880	790
Denied Entry Before	5	0	2	6	4	4	6
Denied Entry After	35	21	10	24	28	16	31
Travel Distance (mi)	17569	17931	17379	17709	17628	17866	17709
Travel Time (hr)	729.4	754.0	706.1	763.6	713.0	773.1	755.8
Total Delay (hr)	318.3	335.0	300.6	349.3	300.4	354.7	341.2
Total Stops	26170	26908	26101	26718	26419	27390	27032
Fuel Used (gal)	703.8	718.9	691.2	715.0	700.4	724.4	715.1

Interval #1 Information Recording

Start Time	7:30
End Time	8:30
Total Time (min)	60

Volumes adjusted by Growth Factors.

Run Number	8	9	10	Avg
Vehs Entered	15150	15019	15113	15020
Vehs Exited	14929	14807	14966	14813
Starting Vehs	600	584	601	593
Ending Vehs	821	796	748	796
Denied Entry Before	5	0	2	1
Denied Entry After	24	26	24	21
Travel Distance (mi)	18047	17559	17839	17724
Travel Time (hr)	742.4	723.9	747.5	740.9
Total Delay (hr)	321.1	314.0	331.0	326.6
Total Stops	26879	26387	27516	26756
Fuel Used (gal)	719.4	705.2	714.4	710.8

1: Sanderson Ave & Ramona Expy Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.4	0.0	0.1	0.0	0.1	0.4	0.0	0.0	0.0	0.3	0.1	0.2
Denied Del/Veh (s)	2.7	0.4	2.6	2.1	0.5	2.0	0.0	0.0	0.0	1.9	0.6	1.8
Total Delay (hr)	18.2	3.3	0.2	0.6	7.2	32.9	2.4	16.6	0.1	8.1	4.0	1.0
Total Del/Veh (s)	127.2	35.1	7.9	53.9	60.2	181.3	57.3	56.9	9.0	52.1	23.4	10.4
Stop Delay (hr)	16.3	2.2	0.1	0.6	4.9	27.3	2.0	11.4	0.1	6.5	2.1	0.5
Stop Del/Veh (s)	113.7	23.5	4.7	47.8	41.6	150.3	48.7	39.1	7.2	41.8	12.6	5.3
Total Stops	666	225	54	40	426	706	144	949	36	497	292	160
Stop/Veh	1.29	0.66	0.60	0.93	1.00	1.08	0.97	0.90	0.61	0.89	0.48	0.47
Travel Dist (mi)	187.3	126.5	33.6	20.7	208.3	312.0	25.8	185.8	10.5	256.7	285.6	157.4
Travel Time (hr)	22.5	5.3	1.0	1.1	10.4	39.7	3.1	20.3	0.4	13.7	8.9	4.5
Vehicles Entered	502	337	89	42	418	638	144	1038	58	544	604	332
Vehicles Exited	484	335	88	42	417	595	145	1035	58	542	602	333
Hourly Exit Rate	484	335	88	42	417	595	145	1035	58	542	602	333
Input Volume	495	344	84	47	407	631	146	1018	56	550	600	323
% of Volume	98	97	105	89	102	94	99	102	104	99	100	103
Denied Entry Before	1	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

1: Sanderson Ave & Ramona Expy Performance by movement

Movement	All
Denied Delay (hr)	1.5
Denied Del/Veh (s)	1.1
Total Delay (hr)	94.7
Total Del/Veh (s)	70.5
Stop Delay (hr)	74.1
Stop Del/Veh (s)	55.2
Total Stops	4195
Stop/Veh	0.87
Travel Dist (mi)	1810.3
Travel Time (hr)	130.9
Vehicles Entered	4746
Vehicles Exited	4676
Hourly Exit Rate	4676
Input Volume	4701
% of Volume	99
Denied Entry Before	1
Denied Entry After	0

2: Sanderson Ave & Ramona Blvd Performance by movement

Movement	NBT	NBR	SBL	SBT	NWL	NWR	All
Denied Delay (hr)	0.1	0.0	0.0	0.0	0.0	0.1	0.2
Denied Del/Veh (s)	0.3	2.5	0.0	0.0	0.4	2.0	0.3
Total Delay (hr)	3.2	0.0	0.8	1.3	0.6	0.3	6.2
Total Del/Veh (s)	10.4	2.8	28.7	7.3	27.7	7.6	10.6
Stop Delay (hr)	1.0	0.0	0.6	0.1	0.5	0.2	2.6
Stop Del/Veh (s)	3.4	1.1	22.8	0.8	24.5	5.7	4.4
Total Stops	308	12	86	70	67	124	667
Stop/Veh	0.28	0.29	0.84	0.11	0.87	0.84	0.32
Travel Dist (mi)	201.5	7.7	18.6	118.2	33.1	64.4	443.4
Travel Time (hr)	7.0	0.3	1.3	3.7	1.4	2.0	15.7
Vehicles Entered	1096	42	100	637	75	145	2095
Vehicles Exited	1093	42	101	636	76	146	2094
Hourly Exit Rate	1093	42	101	636	76	146	2094
Input Volume	1079	44	99	636	74	140	2072
% of Volume	101	95	102	100	103	104	101
Denied Entry Before	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0

3: Cawston Ave & Cottonwood Ave Performance by movement

Movement	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	All
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
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.1	0.1
Total Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.2	0.7
Total Del/Veh (s)	0.6	0.1	2.4	1.6	0.7	9.3	9.8	3.3	8.4	10.0	3.0
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.4
Stop Del/Veh (s)	0.0	0.0	0.7	0.0	0.0	7.2	5.5	2.8	6.1	6.3	1.6
Total Stops	0	0	12	0	0	50	21	72	32	68	255
Stop/Veh	0.00	0.00	0.21	0.00	0.00	1.00	1.00	1.00	0.97	0.99	0.30
Travel Dist (mi)	42.2	4.5	21.4	85.5	4.0	6.5	2.8	9.4	4.2	8.8	189.3
Travel Time (hr)	0.9	0.1	0.5	1.9	0.1	0.3	0.1	0.4	0.2	0.5	5.1
Vehicles Entered	267	29	56	241	10	50	21	72	33	68	847
Vehicles Exited	268	29	56	241	11	50	21	72	33	68	849
Hourly Exit Rate	268	29	56	241	11	50	21	72	33	68	849
Input Volume	267	28	56	241	12	54	22	76	35	65	856
% of Volume	100	104	100	100	92	93	95	95	94	105	99
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0

4: Sanderson Ave & Cottonwood Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Denied Del/Veh (s)	0.0	0.0	1.0	3.4	0.4	0.2	0.1	0.0	0.1	2.9	0.2	2.9
Total Delay (hr)	1.1	1.8	0.1	0.7	1.4	0.5	0.5	4.8	0.1	0.5	2.9	0.1
Total Del/Veh (s)	30.4	22.0	5.3	32.6	27.4	9.8	40.9	21.3	8.4	35.4	16.1	3.3
Stop Delay (hr)	1.0	1.4	0.1	0.7	1.1	0.4	0.5	2.4	0.0	0.5	1.8	0.0
Stop Del/Veh (s)	28.3	17.0	4.9	30.1	20.3	8.5	35.2	10.7	2.8	32.5	9.8	1.5
Total Stops	114	196	40	69	134	122	44	418	31	50	318	34
Stop/Veh	0.86	0.65	0.69	0.86	0.71	0.73	0.94	0.52	0.51	0.91	0.49	0.47
Travel Dist (mi)	12.3	28.0	5.4	19.1	46.5	40.9	22.6	392.3	29.7	9.4	112.6	12.7
Travel Time (hr)	1.5	2.5	0.3	1.3	2.5	1.6	1.1	13.7	0.9	0.9	5.5	0.5
Vehicles Entered	131	298	58	78	188	166	46	796	60	54	647	73
Vehicles Exited	131	298	58	78	188	165	46	792	60	54	647	73
Hourly Exit Rate	131	298	58	78	188	165	46	792	60	54	647	73
Input Volume	134	293	61	80	184	167	47	801	61	60	645	78
% of Volume	98	102	95	98	102	99	98	99	98	90	100	94
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

4: Sanderson Ave & Cottonwood Ave Performance by movement

Movement	All
Denied Delay (hr)	0.3
Denied Del/Veh (s)	0.4
Total Delay (hr)	14.6
Total Del/Veh (s)	20.1
Stop Delay (hr)	9.9
Stop Del/Veh (s)	13.6
Total Stops	1570
Stop/Veh	0.60
Travel Dist (mi)	731.5
Travel Time (hr)	32.3
Vehicles Entered	2595
Vehicles Exited	2590
Hourly Exit Rate	2590
Input Volume	2611
% of Volume	99
Denied Entry Before	0
Denied Entry After	0

5: 7th St & Karpick St 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)	4.8	0.1	0.0	0.0	0.1	0.2	0.1
Total Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	1.8	0.1	2.1	1.9	4.3	3.5	1.7
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Stop Del/Veh (s)	0.0	0.0	0.4	0.4	2.9	3.3	0.7
Total Stops	0	0	0	0	34	1	35
Stop/Veh	0.00	0.00	0.00	0.00	1.00	1.00	0.18
Travel Dist (mi)	0.2	6.9	6.3	3.2	0.9	0.0	17.5
Travel Time (hr)	0.0	0.2	0.2	0.1	0.1	0.0	0.7
Vehicles Entered	2	72	54	27	34	1	190
Vehicles Exited	2	72	54	27	34	1	190
Hourly Exit Rate	2	72	54	27	34	1	190
Input Volume	2	81	57	25	35	1	201
% of Volume	100	89	95	108	97	100	95
Denied Entry Before	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0

6: Cawston Ave & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Delay (hr)	0.0	0.1	0.0	0.3	0.1	0.0	0.0	0.2	0.1	0.1	0.4	0.0
Total Del/Veh (s)	5.3	8.0	3.3	6.4	7.3	2.6	8.4	9.4	7.2	6.4	8.5	1.6
Stop Delay (hr)	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0
Stop Del/Veh (s)	3.2	3.7	2.9	3.7	3.1	2.4	3.7	3.5	3.8	3.5	3.4	2.1
Total Stops	12	59	35	151	44	36	16	74	60	62	154	21
Stop/Veh	1.00	0.97	1.00	0.99	0.98	1.00	1.00	0.80	0.98	0.98	0.99	1.00
Travel Dist (mi)	1.5	7.1	4.1	33.2	9.7	7.8	8.0	42.2	30.4	12.3	30.3	4.3
Travel Time (hr)	0.1	0.4	0.2	1.3	0.4	0.3	0.3	1.5	1.1	0.5	1.2	0.2
Vehicles Entered	12	61	35	152	45	36	16	92	60	62	154	21
Vehicles Exited	12	61	35	151	45	36	16	91	60	62	153	21
Hourly Exit Rate	12	61	35	151	45	36	16	91	60	62	153	21
Input Volume	15	66	37	157	46	39	17	91	62	65	149	19
% of Volume	80	92	95	96	98	92	94	100	97	95	103	111
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

6: Cawston Ave & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.0
Total Delay (hr)	1.5
Total Del/Veh (s)	7.0
Stop Delay (hr)	0.7
Stop Del/Veh (s)	3.4
Total Stops	724
Stop/Veh	0.97
Travel Dist (mi)	190.9
Travel Time (hr)	7.4
Vehicles Entered	746
Vehicles Exited	743
Hourly Exit Rate	743
Input Volume	763
% of Volume	97
Denied Entry Before	0
Denied Entry After	0

7: Sanderson Ave & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.6	0.0	0.0	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.2	0.4	0.0	1.1	0.5	0.1	0.2	4.2	0.4	0.8	2.7	0.1
Total Del/Veh (s)	15.4	10.5	5.1	17.7	9.5	3.9	30.3	18.7	16.8	39.9	14.1	6.9
Stop Delay (hr)	0.1	0.2	0.0	0.9	0.2	0.1	0.1	1.4	0.1	0.6	0.9	0.0
Stop Del/Veh (s)	13.1	5.5	4.1	14.4	4.9	3.6	21.9	6.3	6.7	32.9	4.5	2.2
Total Stops	31	63	18	173	76	48	19	385	48	63	268	17
Stop/Veh	0.78	0.47	0.55	0.79	0.44	0.51	0.86	0.47	0.62	0.90	0.39	0.47
Travel Dist (mi)	10.0	34.0	8.3	25.0	19.9	11.0	11.1	389.5	38.6	34.5	334.9	17.8
Travel Time (hr)	0.4	1.2	0.3	1.9	0.9	0.5	0.4	12.4	1.3	1.6	9.7	0.5
Vehicles Entered	40	134	33	219	172	94	22	798	77	69	678	35
Vehicles Exited	40	134	33	219	173	94	22	798	77	69	677	35
Hourly Exit Rate	40	134	33	219	173	94	22	798	77	69	677	35
Input Volume	43	143	34	222	177	91	26	806	83	66	685	35
% of Volume	93	94	97	99	98	103	85	99	93	105	99	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

7: Sanderson Ave & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.1
Total Delay (hr)	10.6
Total Del/Veh (s)	15.8
Stop Delay (hr)	4.8
Stop Del/Veh (s)	7.2
Total Stops	1209
Stop/Veh	0.50
Travel Dist (mi)	934.6
Travel Time (hr)	31.1
Vehicles Entered	2371
Vehicles Exited	2371
Hourly Exit Rate	2371
Input Volume	2411
% of Volume	98
Denied Entry Before	0
Denied Entry After	0

8: Kirby St & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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	0.1	0.9	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.3	4.0
Total Delay (hr)	0.0	1.5	0.1	0.3	1.6	0.1	0.1	0.6	0.1	0.1	0.5	0.0
Total Del/Veh (s)	13.1	16.5	6.2	12.8	16.7	10.5	10.2	14.2	7.2	9.3	12.5	5.4
Stop Delay (hr)	0.0	0.8	0.0	0.1	0.5	0.0	0.0	0.2	0.1	0.1	0.2	0.0
Stop Del/Veh (s)	8.7	8.4	3.7	5.8	5.8	5.2	5.8	6.2	4.6	6.2	6.1	3.8
Total Stops	8	324	29	88	320	28	26	138	64	51	135	20
Stop/Veh	1.00	0.99	1.00	0.98	0.94	0.97	0.96	0.99	0.98	1.00	0.99	1.00
Travel Dist (mi)	2.5	103.8	9.3	43.7	162.5	13.7	13.0	66.6	31.0	6.0	15.9	2.4
Travel Time (hr)	0.1	3.8	0.3	1.4	5.3	0.4	0.4	2.3	1.0	0.3	0.9	0.1
Vehicles Entered	8	324	29	88	333	28	27	138	65	51	135	20
Vehicles Exited	8	324	29	88	333	28	26	138	64	51	135	20
Hourly Exit Rate	8	324	29	88	333	28	26	138	64	51	135	20
Input Volume	9	335	29	97	338	27	25	141	69	53	126	19
% of Volume	89	97	100	91	99	104	104	98	93	96	107	105
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

8: Kirby St & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.2
Total Delay (hr)	4.9
Total Del/Veh (s)	14.1
Stop Delay (hr)	2.2
Stop Del/Veh (s)	6.4
Total Stops	1231
Stop/Veh	0.98
Travel Dist (mi)	470.3
Travel Time (hr)	16.5
Vehicles Entered	1246
Vehicles Exited	1244
Hourly Exit Rate	1244
Input Volume	1268
% of Volume	98
Denied Entry Before	0
Denied Entry After	0

9: Lyon Ave & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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)	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	3.8	0.3	0.1
Total Delay (hr)	0.2	3.0	0.1	0.5	4.0	0.5	0.1	0.8	0.1	0.1	0.8	0.0
Total Del/Veh (s)	14.6	26.0	18.6	33.6	37.1	29.8	12.3	16.6	6.2	9.1	15.4	3.7
Stop Delay (hr)	0.1	1.7	0.1	0.4	2.8	0.4	0.1	0.4	0.1	0.1	0.4	0.0
Stop Del/Veh (s)	7.2	15.1	14.2	26.5	26.3	24.5	9.2	8.9	4.5	6.2	7.7	3.8
Total Stops	38	402	26	56	384	60	42	179	45	30	195	26
Stop/Veh	1.03	0.98	0.96	1.00	0.98	0.98	1.00	0.99	1.00	0.97	0.99	1.00
Travel Dist (mi)	17.6	193.3	12.6	26.3	183.1	29.0	8.1	34.8	8.6	2.5	15.9	2.1
Travel Time (hr)	0.6	7.4	0.5	1.2	8.2	1.3	0.4	1.5	0.3	0.2	1.2	0.1
Vehicles Entered	36	402	27	55	383	61	42	179	44	30	195	25
Vehicles Exited	36	401	26	55	382	60	42	178	44	31	195	26
Hourly Exit Rate	36	401	26	55	382	60	42	178	44	31	195	26
Input Volume	38	420	27	57	390	60	47	185	46	33	195	25
% of Volume	95	95	96	96	98	100	89	96	96	94	100	104
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

9: Lyon Ave & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.1
Total Delay (hr)	10.3
Total Del/Veh (s)	24.7
Stop Delay (hr)	6.7
Stop Del/Veh (s)	16.0
Total Stops	1483
Stop/Veh	0.99
Travel Dist (mi)	533.8
Travel Time (hr)	22.9
Vehicles Entered	1479
Vehicles Exited	1476
Hourly Exit Rate	1476
Input Volume	1523
% of Volume	97
Denied Entry Before	0
Denied Entry After	0

10: Palm Ave & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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)	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3
Total Delay (hr)	0.2	3.0	0.1	0.2	2.2	0.1	0.1	0.7	0.2	0.2	0.7	0.2
Total Del/Veh (s)	14.9	23.4	17.0	11.5	21.3	15.1	14.3	10.8	11.5	12.0	14.4	9.2
Stop Delay (hr)	0.1	1.5	0.1	0.1	1.4	0.1	0.1	0.4	0.1	0.1	0.4	0.1
Stop Del/Veh (s)	6.0	11.7	10.7	5.8	13.2	12.4	10.4	6.1	8.8	8.8	8.3	7.6
Total Stops	60	449	24	65	370	33	24	144	60	46	167	67
Stop/Veh	1.05	0.98	1.00	1.05	0.99	1.00	1.00	0.61	0.98	1.00	0.99	0.99
Travel Dist (mi)	26.7	213.2	11.0	7.6	46.0	4.1	9.2	74.6	23.3	3.0	11.1	4.5
Travel Time (hr)	0.9	7.8	0.4	0.4	3.3	0.3	0.3	2.6	0.9	0.3	1.0	0.4
Vehicles Entered	56	450	23	62	372	33	24	236	60	46	167	67
Vehicles Exited	56	448	24	61	371	33	24	236	60	46	166	67
Hourly Exit Rate	56	448	24	61	371	33	24	236	60	46	166	67
Input Volume	61	468	23	65	377	34	24	236	59	46	165	65
% of Volume	92	96	104	94	98	97	100	100	102	100	101	103
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

10: Palm Ave & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.1
Total Delay (hr)	7.9
Total Del/Veh (s)	17.6
Stop Delay (hr)	4.5
Stop Del/Veh (s)	10.1
Total Stops	1509
Stop/Veh	0.94
Travel Dist (mi)	434.2
Travel Time (hr)	18.6
Vehicles Entered	1596
Vehicles Exited	1592
Hourly Exit Rate	1592
Input Volume	1623
% of Volume	98
Denied Entry Before	0
Denied Entry After	0

11: State St & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Denied Del/Veh (s)	0.1	0.0	0.1	3.3	0.4	0.2	0.0	0.0	0.0	2.8	0.3	0.3
Total Delay (hr)	1.0	2.3	0.2	0.6	2.1	0.1	0.5	4.1	0.3	0.8	3.7	0.2
Total Del/Veh (s)	34.6	21.5	7.0	35.4	22.0	5.5	46.9	22.8	20.7	43.2	18.8	10.6
Stop Delay (hr)	0.9	1.5	0.1	0.5	1.4	0.1	0.4	2.3	0.2	0.7	2.3	0.2
Stop Del/Veh (s)	29.1	13.9	4.0	30.2	14.1	4.7	39.2	12.7	13.2	38.4	11.6	8.2
Total Stops	100	218	44	58	196	54	42	332	36	70	370	45
Stop/Veh	0.94	0.56	0.56	0.95	0.56	0.57	1.02	0.52	0.60	1.00	0.52	0.54
Travel Dist (mi)	38.9	142.1	29.1	8.2	47.1	12.8	19.9	307.2	29.5	6.6	66.6	7.9
Travel Time (hr)	2.0	5.5	0.9	0.9	3.2	0.5	1.0	11.3	1.1	1.1	5.2	0.5
Vehicles Entered	105	383	78	60	344	94	40	633	59	70	703	84
Vehicles Exited	104	380	78	60	344	94	40	632	59	69	702	83
Hourly Exit Rate	104	380	78	60	344	94	40	632	59	69	702	83
Input Volume	107	397	82	62	350	95	44	635	67	73	701	82
% of Volume	97	96	95	97	98	99	91	100	88	95	100	101
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

11: State St & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.3
Total Delay (hr)	16.1
Total Del/Veh (s)	21.6
Stop Delay (hr)	10.6
Stop Del/Veh (s)	14.2
Total Stops	1565
Stop/Veh	0.58
Travel Dist (mi)	715.9
Travel Time (hr)	33.5
Vehicles Entered	2653
Vehicles Exited	2645
Hourly Exit Rate	2645
Input Volume	2695
% of Volume	98
Denied Entry Before	0
Denied Entry After	0

12: Warren Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.0	0.0		0.5	0.5	0.3	0.4	0.3
Total Delay (hr)	0.0	0.1	0.0	0.3	0.2	0.2	0.0	3.1	0.6	0.2	1.7	0.0
Total Del/Veh (s)	6.4	11.9	4.0	9.8	7.3	7.8		24.7	16.9	13.9	18.0	10.1
Stop Delay (hr)	0.0	0.1	0.0	0.2	0.1	0.1	0.0	1.5	0.4	0.1	0.6	0.0
Stop Del/Veh (s)	4.7	5.3	3.5	5.3	2.2	4.7		12.3	11.7	8.0	6.6	5.9
Total Stops	26	40	3	122	43	85	0	440	132	49	334	16
Stop/Veh	1.00	1.00	1.00	0.98	0.37	0.98		0.99	0.99	0.98	0.99	1.00
Travel Dist (mi)	3.3	5.1	0.4	126.4	81.8	88.5	0.1	95.4	28.6	11.0	75.2	3.5
Travel Time (hr)	0.1	0.2	0.0	3.1	2.0	2.2	0.0	4.9	1.4	0.5	3.1	0.1
Vehicles Entered	26	40	3	122	114	86	0	440	132	49	335	16
Vehicles Exited	26	40	3	122	113	85	0	438	131	49	334	16
Hourly Exit Rate	26	40	3	122	113	85	0	438	131	49	334	16
Input Volume	25	43	2	126	118	84	1	445	130	47	347	14
% of Volume	104	93	150	97	96	101	0	98	101	104	96	114
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

12: Warren Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.3
Total Delay (hr)	6.5
Total Del/Veh (s)	17.1
Stop Delay (hr)	3.2
Stop Del/Veh (s)	8.3
Total Stops	1290
Stop/Veh	0.94
Travel Dist (mi)	519.2
Travel Time (hr)	17.7
Vehicles Entered	1363
Vehicles Exited	1357
Hourly Exit Rate	1357
Input Volume	1382
% of Volume	98
Denied Entry Before	0
Denied Entry After	0

13: Cawston Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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)	1.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.5	1.5	0.6	1.4	0.9	0.0	0.7	0.8	0.1	0.4	1.7	0.3
Total Del/Veh (s)	32.8	19.7	10.3	33.3	14.6	9.3	32.3	6.6	5.7	29.2	25.0	16.5
Stop Delay (hr)	0.5	0.9	0.4	1.1	0.5	0.0	0.6	0.5	0.1	0.3	1.2	0.2
Stop Del/Veh (s)	29.2	12.4	6.7	26.8	8.1	5.6	27.8	4.0	3.5	26.3	17.8	12.4
Total Stops	51	158	144	132	90	11	70	60	55	38	167	52
Stop/Veh	0.89	0.58	0.64	0.87	0.41	0.58	0.86	0.14	0.67	0.84	0.70	0.75
Travel Dist (mi)	40.0	190.6	160.8	74.3	97.8	9.6	39.8	131.8	40.3	21.7	116.6	33.6
Travel Time (hr)	1.4	5.5	4.4	3.2	3.0	0.3	2.0	4.8	1.4	1.0	5.2	1.4
Vehicles Entered	56	268	222	149	216	19	80	429	81	44	234	68
Vehicles Exited	55	266	221	148	213	19	80	428	81	44	233	67
Hourly Exit Rate	55	266	221	148	213	19	80	428	81	44	233	67
Input Volume	57	271	222	150	219	19	78	423	78	44	235	70
% of Volume	96	98	100	99	97	100	103	101	104	100	99	96
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

13: Cawston Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.1
Total Delay (hr)	9.0
Total Del/Veh (s)	17.1
Stop Delay (hr)	6.4
Stop Del/Veh (s)	12.2
Total Stops	1028
Stop/Veh	0.54
Travel Dist (mi)	957.0
Travel Time (hr)	33.5
Vehicles Entered	1866
Vehicles Exited	1855
Hourly Exit Rate	1855
Input Volume	1866
% of Volume	99
Denied Entry Before	0
Denied Entry After	0

14: Sanderson Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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)	0.3	0.0	0.2	0.0	0.0	0.0	2.8	0.2	0.3	0.0	0.0	0.0
Total Delay (hr)	1.4	2.7	0.2	1.3	2.3	0.1	0.7	5.3	0.7	2.0	4.2	0.2
Total Del/Veh (s)	43.8	38.1	13.3	42.2	28.6	5.4	45.2	26.5	18.4	47.0	21.9	9.0
Stop Delay (hr)	1.2	2.0	0.1	1.2	1.8	0.1	0.7	3.5	0.5	1.7	2.3	0.0
Stop Del/Veh (s)	37.1	28.8	7.9	37.9	22.6	5.2	41.2	17.6	14.0	39.2	12.1	2.7
Total Stops	101	204	53	102	187	56	52	441	88	137	329	31
Stop/Veh	0.89	0.80	0.98	0.89	0.65	0.71	0.91	0.62	0.66	0.89	0.47	0.46
Travel Dist (mi)	53.0	120.6	25.8	36.4	87.9	25.2	9.1	115.8	21.4	75.6	335.7	33.1
Travel Time (hr)	2.7	5.3	0.8	2.4	4.5	0.8	1.0	7.9	1.4	3.8	11.3	1.0
Vehicles Entered	111	252	53	113	282	78	56	711	131	151	688	66
Vehicles Exited	110	251	53	111	284	78	56	709	131	150	685	66
Hourly Exit Rate	110	251	53	111	284	78	56	709	131	150	685	66
Input Volume	114	253	52	116	286	77	53	724	133	151	695	72
% of Volume	96	99	102	96	99	101	106	98	98	99	99	92
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

14: Sanderson Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.1
Total Delay (hr)	21.1
Total Del/Veh (s)	27.8
Stop Delay (hr)	15.2
Stop Del/Veh (s)	20.1
Total Stops	1781
Stop/Veh	0.65
Travel Dist (mi)	939.5
Travel Time (hr)	42.9
Vehicles Entered	2692
Vehicles Exited	2684
Hourly Exit Rate	2684
Input Volume	2726
% of Volume	98
Denied Entry Before	0
Denied Entry After	0

15: Kirby St & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.3	5.8	0.8	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Denied Del/Veh (s)	41.7	43.7	57.0	0.0	0.0	0.0	0.5	0.5	3.6	0.1	0.1	0.8
Total Delay (hr)	1.1	21.8	2.2	0.9	5.8	0.3	0.2	0.8	0.2	0.3	1.3	0.1
Total Del/Veh (s)	164.2	170.5	159.9	51.3	55.6	51.2	13.6	16.4	6.8	17.5	20.7	9.3
Stop Delay (hr)	1.2	22.1	2.3	0.8	4.7	0.3	0.2	0.5	0.1	0.2	0.8	0.1
Stop Del/Veh (s)	170.4	172.7	168.0	44.6	45.0	46.2	10.2	9.9	5.2	12.8	12.9	5.4
Total Stops	19	316	36	63	366	22	61	168	81	52	221	50
Stop/Veh	0.76	0.69	0.72	0.98	0.98	0.96	0.98	0.99	0.99	0.98	0.98	1.00
Travel Dist (mi)	4.1	74.1	8.1	31.7	184.3	11.2	10.5	28.7	13.8	23.0	98.1	22.4
Travel Time (hr)	1.6	29.0	3.3	1.7	10.0	0.6	0.6	1.5	0.7	0.9	3.9	0.8
Vehicles Entered	25	456	49	63	367	22	61	168	81	52	222	50
Vehicles Exited	24	428	47	63	363	22	61	167	81	52	221	50
Hourly Exit Rate	24	428	47	63	363	22	61	167	81	52	221	50
Input Volume	29	490	53	62	366	23	63	167	80	57	215	51
% of Volume	83	87	89	102	99	96	97	100	101	91	103	98
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	1	18	2	0	0	0	0	0	0	0	0	0

15: Kirby St & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	7.0
Denied Del/Veh (s)	15.4
Total Delay (hr)	35.0
Total Del/Veh (s)	77.0
Stop Delay (hr)	33.2
Stop Del/Veh (s)	72.9
Total Stops	1455
Stop/Veh	0.89
Travel Dist (mi)	510.0
Travel Time (hr)	54.5
Vehicles Entered	1616
Vehicles Exited	1579
Hourly Exit Rate	1579
Input Volume	1656
% of Volume	95
Denied Entry Before	0
Denied Entry After	21

16: Lyon Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.0	0.0	3.7	0.4	3.8	0.1	0.0	0.1
Total Delay (hr)	0.2	2.8	0.1	0.6	1.7	0.1	0.1	0.8	0.1	0.3	0.8	0.0
Total Del/Veh (s)	31.7	19.6	8.8	30.2	15.4	4.8	28.9	17.5	7.4	24.5	14.5	4.6
Stop Delay (hr)	0.1	1.3	0.0	0.5	0.7	0.0	0.1	0.5	0.1	0.2	0.5	0.0
Stop Del/Veh (s)	24.8	9.0	3.5	22.9	6.4	2.5	26.1	10.7	6.3	22.2	8.6	4.0
Total Stops	19	282	16	69	186	31	17	100	46	36	117	24
Stop/Veh	0.95	0.54	0.57	0.91	0.46	0.44	1.00	0.62	0.72	0.92	0.57	0.62
Travel Dist (mi)	9.8	256.1	13.4	36.0	192.0	34.4	1.6	14.7	5.9	11.4	60.3	11.4
Travel Time (hr)	0.4	8.8	0.4	1.6	6.7	1.1	0.2	1.1	0.4	0.5	2.0	0.3
Vehicles Entered	20	514	27	74	396	70	17	160	64	39	203	38
Vehicles Exited	20	512	27	74	393	70	17	161	64	39	204	38
Hourly Exit Rate	20	512	27	74	393	70	17	161	64	39	204	38
Input Volume	23	574	30	75	393	70	18	166	60	42	205	37
% of Volume	87	89	90	99	100	100	94	97	107	93	100	103
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

16: Lyon Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.2
Total Delay (hr)	7.7
Total Del/Veh (s)	16.9
Stop Delay (hr)	4.2
Stop Del/Veh (s)	9.2
Total Stops	943
Stop/Veh	0.57
Travel Dist (mi)	647.3
Travel Time (hr)	23.6
Vehicles Entered	1622
Vehicles Exited	1619
Hourly Exit Rate	1619
Input Volume	1693
% of Volume	96
Denied Entry Before	0
Denied Entry After	0

17: Palm Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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	3.5	0.4	0.5	1.3	0.2	1.2
Total Delay (hr)	0.6	5.2	0.3	0.8	3.1	0.1	0.5	1.6	0.4	1.0	1.1	0.1
Total Del/Veh (s)	45.7	35.1	25.9	45.3	19.6	7.2	43.2	25.0	16.7	42.3	19.2	4.3
Stop Delay (hr)	0.4	2.7	0.2	0.6	1.6	0.0	0.5	1.1	0.3	1.0	0.9	0.1
Stop Del/Veh (s)	34.1	18.5	15.2	35.7	10.2	4.1	38.3	17.2	12.6	39.3	15.1	3.2
Total Stops	45	360	26	57	237	24	46	156	62	86	131	41
Stop/Veh	1.02	0.67	0.70	0.92	0.41	0.56	1.02	0.66	0.69	0.97	0.62	0.62
Travel Dist (mi)	21.5	259.6	18.1	30.7	247.8	21.4	6.5	34.2	13.1	7.9	18.4	5.8
Travel Time (hr)	1.1	10.6	0.7	1.6	9.5	0.7	0.8	2.5	0.9	1.4	1.7	0.3
Vehicles Entered	44	527	37	61	566	42	45	235	90	88	210	66
Vehicles Exited	43	525	36	61	564	42	45	234	90	88	209	66
Hourly Exit Rate	43	525	36	61	564	42	45	234	90	88	209	66
Input Volume	49	577	43	66	561	40	47	230	92	91	209	66
% of Volume	88	91	84	92	101	105	96	102	98	97	100	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

17: Palm Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.3
Total Delay (hr)	14.9
Total Del/Veh (s)	26.3
Stop Delay (hr)	9.5
Stop Del/Veh (s)	16.7
Total Stops	1271
Stop/Veh	0.62
Travel Dist (mi)	685.1
Travel Time (hr)	31.8
Vehicles Entered	2011
Vehicles Exited	2003
Hourly Exit Rate	2003
Input Volume	2071
% of Volume	97
Denied Entry Before	0
Denied Entry After	0

18: State St & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.1	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	2.7	0.2	0.3	3.1	0.2	0.2	0.0	0.0	0.0
Total Delay (hr)	1.4	4.2	0.3	1.2	4.2	0.7	0.8	4.2	0.5	2.7	4.1	0.5
Total Del/Veh (s)	52.1	27.1	22.4	44.5	28.4	17.9	50.1	30.5	18.9	49.0	26.1	21.6
Stop Delay (hr)	1.2	2.6	0.2	1.1	3.1	0.6	0.7	3.2	0.4	2.1	2.4	0.3
Stop Del/Veh (s)	43.6	17.0	14.9	39.2	21.1	14.0	45.1	23.2	15.3	38.8	15.0	13.2
Total Stops	94	304	30	94	359	106	59	354	71	182	306	54
Stop/Veh	0.99	0.54	0.64	0.93	0.67	0.70	1.07	0.71	0.74	0.92	0.54	0.59
Travel Dist (mi)	47.0	260.6	23.3	27.8	147.4	41.8	12.2	111.8	21.5	95.3	270.3	44.9
Travel Time (hr)	2.5	9.7	0.9	2.1	8.0	2.0	1.2	7.1	1.2	5.1	10.3	1.7
Vehicles Entered	94	556	46	100	526	150	54	491	95	191	559	90
Vehicles Exited	93	552	46	99	524	149	54	490	94	192	559	90
Hourly Exit Rate	93	552	46	99	524	149	54	490	94	192	559	90
Input Volume	99	605	49	95	527	150	53	497	100	195	563	87
% of Volume	94	91	94	104	99	99	102	99	94	98	99	103
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

18: State St & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.2
Total Delay (hr)	24.9
Total Del/Veh (s)	30.0
Stop Delay (hr)	17.9
Stop Del/Veh (s)	21.6
Total Stops	2013
Stop/Veh	0.67
Travel Dist (mi)	1103.9
Travel Time (hr)	51.6
Vehicles Entered	2952
Vehicles Exited	2942
Hourly Exit Rate	2942
Input Volume	3020
% of Volume	97
Denied Entry Before	0
Denied Entry After	0

19: Cawston Ave & Eaton Ave Performance by movement

Movement	WBL	WBR	NBT	NBR	SBL	SBT	All
Denied Delay (hr)	0.0	0.2	0.0	0.0	0.0	0.0	0.2
Denied Del/Veh (s)	0.5	2.3	0.0	0.0	0.1	0.0	0.4
Total Delay (hr)	0.1	0.4	1.0	0.1	0.4	1.3	3.3
Total Del/Veh (s)	7.1	5.6	8.9	6.9	9.6	10.0	8.6
Stop Delay (hr)	0.1	0.2	0.4	0.0	0.2	0.4	1.3
Stop Del/Veh (s)	3.8	3.5	3.2	3.7	4.2	3.1	3.4
Total Stops	60	245	346	42	165	452	1310
Stop/Veh	0.98	0.99	0.82	1.00	0.98	0.98	0.94
Travel Dist (mi)	20.0	81.1	94.7	10.4	81.6	223.3	511.2
Travel Time (hr)	0.7	2.9	3.9	0.4	3.0	8.0	18.9
Vehicles Entered	60	244	417	42	165	452	1380
Vehicles Exited	60	244	417	42	165	452	1380
Hourly Exit Rate	60	244	417	42	165	452	1380
Input Volume	60	244	406	44	171	452	1377
% of Volume	100	100	103	95	96	100	100
Denied Entry Before	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0

20: Cawston Ave & Coriander Dr/Fruitvale Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Denied Del/Veh (s)	0.1	0.1	0.1	0.3	3.2	2.7	0.1	0.1	0.0	0.0	0.0	0.4
Total Delay (hr)	0.0	0.0	0.0	0.0	0.1	0.0	0.8	0.0	0.2	1.1	0.0	2.4
Total Del/Veh (s)	4.2	6.1	3.6	5.4	3.4	6.0	8.1	3.9	8.2	10.1	8.7	8.1
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.0	0.1	0.3	0.0	0.9
Stop Del/Veh (s)	3.2	3.5	3.3	3.2	2.7	3.2	2.9	2.7	3.4	2.9	3.7	2.9
Total Stops	2	1	5	30	109	1	349	37	104	406	1	1045
Stop/Veh	1.00	1.00	1.00	1.00	0.99	1.00	0.99	0.97	0.99	0.99	1.00	0.99
Travel Dist (mi)	0.2	0.1	0.6	7.2	25.9	0.3	84.6	8.9	26.2	101.7	0.4	256.1
Travel Time (hr)	0.0	0.0	0.0	0.3	1.0	0.0	3.2	0.3	1.1	4.1	0.0	10.2
Vehicles Entered	2	1	5	30	109	1	349	37	105	406	1	1046
Vehicles Exited	2	1	5	30	109	1	348	37	104	406	1	1044
Hourly Exit Rate	2	1	5	30	109	1	348	37	104	406	1	1044
Input Volume	2	1	5	30	109	2	339	34	110	402	1	1035
% of Volume	100	100	100	100	100	50	103	109	95	101	100	101
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

Total Network Performance

Denied Delay (hr)	10.4
Denied Del/Veh (s)	2.5
Total Delay (hr)	316.1
Total Del/Veh (s)	72.9
Stop Delay (hr)	214.0
Stop Del/Veh (s)	49.4
Total Stops	26756
Stop/Veh	1.71
Travel Dist (mi)	17723.7
Travel Time (hr)	740.9
Vehicles Entered	15020
Vehicles Exited	14813
Hourly Exit Rate	14813
Input Volume	56969
% of Volume	26
Denied Entry Before	1
Denied Entry After	21

Intersection: 1: Sanderson Ave & Ramona Expy

Movement	EB	EB	EB	EB	EB	WB	WB	WB	WB	WB	NB	NB
Directions Served	L	L	T	T	R	L	L	T	T	R	L	L
Maximum Queue (ft)	377	426	497	389	60	49	109	1421	1513	343	104	259
Average Queue (ft)	260	289	159	137	20	11	24	718	920	333	48	89
95th Queue (ft)	437	475	588	515	47	36	77	1712	1857	386	93	267
Link Distance (ft)			1976	1976				2634	2634			
Upstream Blk Time (%)									0			
Queuing Penalty (veh)									0			
Storage Bay Dist (ft)	400	400			180	375	375			143	400	400
Storage Blk Time (%)	7	10	0	0				0	5	66		0
Queuing Penalty (veh)	12	17	2	0				0	28	133		0

Intersection: 1: Sanderson Ave & Ramona Expy

Movement	NB	NB	NB	SB	SB	SB	SB	SB
Directions Served	T	T	R	L	L	T	T	R
Maximum Queue (ft)	487	486	120	267	278	192	181	162
Average Queue (ft)	328	314	22	168	186	108	96	59
95th Queue (ft)	556	542	126	245	261	173	160	119
Link Distance (ft)	873	873	873			2486	2486	
Upstream Blk Time (%)	0	0						
Queuing Penalty (veh)	1	0						
Storage Bay Dist (ft)				400	400			250
Storage Blk Time (%)	6						0	0
Queuing Penalty (veh)	9						0	0

Intersection: 2: Sanderson Ave & Ramona Blvd

Movement	NB	NB	NB	SB	SB	SB	NW	NW
Directions Served	T	T	R	L	T	T	L	R
Maximum Queue (ft)	202	171	43	123	106	127	119	96
Average Queue (ft)	111	71	9	60	21	37	45	42
95th Queue (ft)	184	143	32	110	72	93	96	82
Link Distance (ft)	969	969			873	873	2330	
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)			120	170				50
Storage Blk Time (%)		1		0	0		12	3
Queuing Penalty (veh)		0		0	0		17	2

Intersection: 3: Cawston Ave & Cottonwood Ave

Movement	WB	NB	NB	SB
Directions Served	L	LT	R	LT
Maximum Queue (ft)	32	70	63	74
Average Queue (ft)	7	34	31	40
95th Queue (ft)	24	60	50	62
Link Distance (ft)		697		682
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)	195		150	
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 4: Sanderson Ave & Cottonwood Ave

Movement	EB	EB	EB	EB	EB	WB	WB	WB	WB	NB	NB	NB
Directions Served	L	L	T	T	R	L	L	T	R	L	L	T
Maximum Queue (ft)	90	93	119	117	50	42	86	180	111	71	53	194
Average Queue (ft)	38	40	63	57	18	12	36	82	43	28	6	109
95th Queue (ft)	74	73	104	102	41	35	73	149	85	60	30	185
Link Distance (ft)			507	507				1294	1294			2541
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	300	300			205	320	320			300	300	
Storage Blk Time (%)												
Queuing Penalty (veh)												

Intersection: 4: Sanderson Ave & Cottonwood Ave

Movement	NB	NB	SB	SB	SB	SB	SB
Directions Served	T	R	L	L	T	T	R
Maximum Queue (ft)	219	43	30	87	212	172	48
Average Queue (ft)	120	11	2	38	121	78	19
95th Queue (ft)	202	30	15	76	188	149	42
Link Distance (ft)	2541				915	915	
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)		210	290	290			200
Storage Blk Time (%)	0					0	
Queuing Penalty (veh)	0					0	

Intersection: 5: 7th St & Karpick St

Movement	EB	SB
Directions Served	L	LR
Maximum Queue (ft)	3	65
Average Queue (ft)	0	23
95th Queue (ft)	3	52
Link Distance (ft)		135
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)	150	
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 6: Cawston Ave & 7th St

Movement	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	LTR	L	T	TR	L	TR	LT	R
Maximum Queue (ft)	66	87	46	57	45	84	80	20
Average Queue (ft)	34	45	20	27	12	46	39	9
95th Queue (ft)	55	71	46	50	38	73	65	24
Link Distance (ft)	572		1110	1110		2590	1226	1226
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)		160			85			
Storage Blk Time (%)						0		
Queuing Penalty (veh)						0		

Intersection: 7: Sanderson Ave & 7th St

Movement	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB	SB
Directions Served	L	TR	L	T	R	L	T	TR	L	T	T	R
Maximum Queue (ft)	58	99	143	107	70	62	182	207	113	135	141	34
Average Queue (ft)	18	36	77	45	27	17	102	123	40	63	72	8
95th Queue (ft)	44	77	126	83	56	47	165	187	87	114	124	24
Link Distance (ft)		1368		646			2569	2569		2541	2541	
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	53		145		600	300			360			360
Storage Blk Time (%)	0	2	0	0								
Queuing Penalty (veh)	1	1	1	0								

Intersection: 8: Kirby St & 7th St

Movement	EB	EB	WB	WB	NB	NB	SB	SB
Directions Served	LT	R	L	TR	LT	R	LT	R
Maximum Queue (ft)	155	59	58	97	77	54	107	35
Average Queue (ft)	70	15	29	50	39	19	51	15
95th Queue (ft)	125	46	48	81	65	39	83	39
Link Distance (ft)	1855			2533	2574		620	
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)		110	150			280		70
Storage Blk Time (%)	2						2	
Queuing Penalty (veh)	1						0	

Intersection: 9: Lyon Ave & 7th St

Movement	EB	EB	WB	NB	NB	SB	SB	SB
Directions Served	L	TR	LTR	LT	R	L	T	R
Maximum Queue (ft)	111	233	344	134	57	52	114	52
Average Queue (ft)	20	91	156	64	25	20	59	17
95th Queue (ft)	68	190	313	108	50	47	94	41
Link Distance (ft)		2533	2566	1006			429	429
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)	150				105	150		
Storage Blk Time (%)		5		1			0	
Queuing Penalty (veh)		2		1			0	

Intersection: 10: Palm Ave & 7th St

Movement	EB	EB	WB	WB	NB	SB
Directions Served	L	TR	L	TR	LTR	LTR
Maximum Queue (ft)	149	223	146	244	158	170
Average Queue (ft)	37	99	42	119	77	71
95th Queue (ft)	96	174	107	201	128	123
Link Distance (ft)		2566		601	2000	350
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	100		75			
Storage Blk Time (%)		14	0	26		
Queuing Penalty (veh)		8	0	17		

Intersection: 11: State St & 7th St

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	R	L	T	R	L	T	TR	L	T	TR
Maximum Queue (ft)	159	252	198	139	251	82	130	222	234	166	269	230
Average Queue (ft)	73	138	35	47	131	29	35	102	121	55	150	108
95th Queue (ft)	144	224	113	108	223	62	92	201	212	124	239	199
Link Distance (ft)		1929			721	721		2560	2560		491	491
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	95		215	60			85			105		
Storage Blk Time (%)	4	19	0	4	26		0	12		1	17	
Queuing Penalty (veh)	18	36	0	15	16		1	5		3	12	

Intersection: 12: Warren Ave & Esplanade Ave

Movement	EB	WB	WB	NB	SB
Directions Served	LTR	L	TR	LTR	LTR
Maximum Queue (ft)	68	86	80	292	177
Average Queue (ft)	31	39	39	127	80
95th Queue (ft)	55	67	65	240	135
Link Distance (ft)	671	5387	5387	1142	1186
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)					
Storage Blk Time (%)					
Queuing Penalty (veh)					

Intersection: 13: Cawston Ave & Esplanade Ave

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	T	R	L	TR
Maximum Queue (ft)	89	134	188	174	102	105	107	111	61	77	236
Average Queue (ft)	37	62	89	81	30	42	50	46	28	31	121
95th Queue (ft)	74	111	154	146	76	87	91	92	54	65	201
Link Distance (ft)		5387	5387		2540	2540		2579	2579	2590	2590
Upstream Blk Time (%)											
Queuing Penalty (veh)											
Storage Bay Dist (ft)	150			150			150				
Storage Blk Time (%)		0		2	0			0			
Queuing Penalty (veh)		0		1	0			0			

Intersection: 14: Sanderson Ave & Esplanade Ave

Movement	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB
Directions Served	L	T	T	R	L	T	R	L	T	TR	L	T
Maximum Queue (ft)	140	134	148	80	153	236	67	98	251	262	183	209
Average Queue (ft)	71	60	73	34	76	130	28	35	159	143	98	106
95th Queue (ft)	127	111	130	87	131	201	55	78	233	230	164	180
Link Distance (ft)		2540	2540			1649	1649		840	840		2569
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	130			55	155			225			245	
Storage Blk Time (%)	1	0	21	0	0	4			1			0
Queuing Penalty (veh)	2	0	11	0	1	5			0			0

Intersection: 14: Sanderson Ave & Esplanade Ave

Movement	SB	SB
Directions Served	T	R
Maximum Queue (ft)	217	76
Average Queue (ft)	121	22
95th Queue (ft)	188	59
Link Distance (ft)	2569	
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		200
Storage Blk Time (%)	0	
Queuing Penalty (veh)	0	

Intersection: 15: Kirby St & Esplanade Ave

Movement	EB	B60	WB	NB	NB	SB	SB
Directions Served	LTR	T	LTR	LT	R	LT	R
Maximum Queue (ft)	913	511	448	130	73	163	89
Average Queue (ft)	661	134	222	67	35	77	29
95th Queue (ft)	1109	524	409	107	61	132	64
Link Distance (ft)	834	1649	2574	903		2574	
Upstream Blk Time (%)	37						
Queuing Penalty (veh)	197						
Storage Bay Dist (ft)					132		100
Storage Blk Time (%)				0		5	
Queuing Penalty (veh)				0		3	

Intersection: 16: Lyon Ave & Esplanade Ave

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	R	L	T	R	L	T	R	L	T	R
Maximum Queue (ft)	59	216	54	105	244	66	52	130	58	60	119	41
Average Queue (ft)	15	114	10	42	98	15	13	52	18	24	56	11
95th Queue (ft)	45	186	37	83	188	42	40	97	41	51	99	30
Link Distance (ft)		2574			2526	2526		476			1520	
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	122		122	140			120		120	118		118
Storage Blk Time (%)		6		0	2			0			0	
Queuing Penalty (veh)		3		0	2			0			0	

Intersection: 17: Palm Ave & Esplanade Ave

Movement	EB	EB	WB	WB	WB	NB	NB	SB	SB	SB		
Directions Served	L	TR	L	T	R	L	TR	L	T	R		
Maximum Queue (ft)	227	384	188	348	71	137	274	124	173	78		
Average Queue (ft)	45	209	49	159	19	36	124	62	84	25		
95th Queue (ft)	146	344	117	294	53	92	213	111	143	58		
Link Distance (ft)		2526		2572	2572		765		508			
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	160		250			75		150		150		
Storage Blk Time (%)		18		2		1	24	0	1			
Queuing Penalty (veh)		9		2		3	12	0	1			

Intersection: 18: State St & Esplanade Ave

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	T	TR	L	T	TR
Maximum Queue (ft)	144	212	216	188	267	256	154	261	254	150	287	276
Average Queue (ft)	75	110	125	79	155	144	60	153	131	117	131	141
95th Queue (ft)	136	188	200	149	234	230	135	231	218	168	244	240
Link Distance (ft)		2572	2572		1477	1477		1199	1199		2560	2560
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	100			140			105			100		
Storage Blk Time (%)	7	13		1	13		0	22		24	12	
Queuing Penalty (veh)	19	13		2	12		1	12		63	23	

Intersection: 19: Cawston Ave & Eaton Ave

Movement	WB	WB	NB	NB	SB	SB	SB
Directions Served	L	R	T	TR	L	T	T
Maximum Queue (ft)	76	92	71	79	87	75	83
Average Queue (ft)	30	53	41	45	47	46	50
95th Queue (ft)	58	85	63	69	74	69	73
Link Distance (ft)	1756		1246	1246		2579	2579
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)		50			105		
Storage Blk Time (%)	1	4			0	0	
Queuing Penalty (veh)	1	3			0	0	

Intersection: 20: Cawston Ave & Coriander Dr/Fruitvale Ave

Movement	EB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	LTR	LT	R	L	T	TR	L	T	TR
Maximum Queue (ft)	30	51	65	17	82	84	55	56	70
Average Queue (ft)	7	21	35	1	43	41	28	29	32
95th Queue (ft)	27	46	56	10	68	67	44	47	55
Link Distance (ft)	670	1254			1280	1280		1246	1246
Upstream Blk Time (%)									
Queuing Penalty (veh)									
Storage Bay Dist (ft)			50	150			58		
Storage Blk Time (%)		0	1				0	0	
Queuing Penalty (veh)		0	0				0	0	

Network Summary

Network wide Queuing Penalty: 765

Intersection: 1: Sanderson Ave & Ramona Expy

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	21.5	35.5	6.5	28.5	8.5	48.5	16.5	18.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	1.6	-4.9	6.3	-9.1	8.2	9.1	-3.4	-2.3
g/C Ratio	0.24	-0.71	0.67	-1.33	1.20	1.34	-0.50	-0.33
Cycles Skipped (%)	0	0	28	0	0	0	0	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	100	91	34	84	69	94	97	75
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 6.8
Number of Complete Cycles : 32

Intersection: 2: Sanderson Ave & Ramona Blvd

Phase	1	2	3	6	8
Movement(s) Served	SBL	NBT	NWL	SBT	NWR
Maximum Green (s)	18.5	55.5	22.5	78.5	22.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	Min	None
Avg. Green (s)	-6.7	2.0	-7.9	0.9	-4.5
g/C Ratio	-1.02	0.43	-1.13	0.17	-0.83
Cycles Skipped (%)	31	0	35	16	16
Cycles @ Minimum (%)	0	0	0	0	10
Cycles Maxed Out (%)	0	11	0	10	0
Cycles with Peds (%)	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 4.5
Number of Complete Cycles : 61

Intersection: 4: Sanderson Ave & Cottonwood Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	8.5	40.5	11.5	31.5	8.5	40.5	12.5	30.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	6.9	2.6	7.8	4.8	6.9	3.3	-6.2	2.3
g/C Ratio	0.84	0.50	1.13	0.92	0.76	0.63	-1.07	0.43
Cycles Skipped (%)	37	0	24	0	43	0	10	4
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	12	12	6	4	10	14	8	0
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 5.2
Number of Complete Cycles : 49

Intersection: 11: State St & 7th St

Phase	1	2	4	5	6	8
Movement(s) Served	SBL	NBT	EBTL	NBL	SBT	WBTL
Maximum Green (s)	14.5	41.5	40.5	9.5	46.5	40.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	Min	None
Avg. Green (s)	8.3	1.0	1.9	7.2	4.3	1.9
g/C Ratio	1.10	0.17	0.33	0.70	0.74	0.33
Cycles Skipped (%)	23	0	0	44	0	0
Cycles @ Minimum (%)	0	0	0	0	0	0
Cycles Maxed Out (%)	2	19	28	7	12	28
Cycles with Peds (%)	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 5.8
Number of Complete Cycles : 43

Intersection: 13: Cawston Ave & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	10.5	24.5	14.5	42.5	10.5	24.5	9.5	47.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	None	None	Min	None	None	None	Min
Avg. Green (s)	-11.7	6.1	-4.2	-4.9	8.1	4.3	7.1	0.3
g/C Ratio	-1.23	1.10	-0.73	-1.07	1.20	0.89	0.87	0.06
Cycles Skipped (%)	52	18	21	0	32	5	44	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	2
Cycles Maxed Out (%)	14	28	16	0	12	14	9	2
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 4.6
Number of Complete Cycles : 57

Intersection: 14: Sanderson Ave & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	15.5	36.5	16.5	23.5	10.5	41.5	14.5	25.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	-6.1	-2.1	-8.2	5.5	7.7	4.6	-8.6	5.7
g/C Ratio	-0.87	-0.31	-1.10	0.82	0.86	0.68	-1.17	0.85
Cycles Skipped (%)	3	0	8	0	24	0	8	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	24	45	8	57	14	37	16	37
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 6.8
Number of Complete Cycles : 37

Intersection: 16: Lyon Ave & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	5.0	18.0	5.0	18.0	5.0	18.0	5.0	18.0
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	None	None	Min	None	None	None	Min
Avg. Green (s)	6.3	2.3	5.1	0.6	6.5	4.2	5.2	4.1
g/C Ratio	0.66	0.59	0.80	0.18	0.33	1.11	0.32	1.13
Cycles Skipped (%)	62	10	43	0	82	5	78	1
Cycles @ Minimum (%)	30	0	57	0	16	0	22	0
Cycles Maxed Out (%)	38	13	57	71	18	19	22	78
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 3.6

Number of Complete Cycles : 77

Intersection: 17: Palm Ave & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	6.5	45.5	9.5	30.5	6.5	45.5	5.5	34.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	6.4	-6.5	7.7	0.7	6.3	-3.8	7.7	2.3
g/C Ratio	0.95	-1.20	0.96	0.12	0.64	-0.71	0.78	0.41
Cycles Skipped (%)	19	0	32	2	45	0	45	4
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	55	2	15	58	26	2	53	36
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 5.4

Number of Complete Cycles : 47

Intersection: 18: State St & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	21.5	26.5	13.5	30.5	9.5	38.5	13.5	30.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	-3.0	8.1	-9.6	-6.4	7.6	0.7	9.7	-5.6
g/C Ratio	-0.47	1.24	-1.31	-0.97	0.85	0.10	1.32	-0.85
Cycles Skipped (%)	0	0	11	0	27	0	11	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	14	54	16	43	16	43	14	57
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary
Average Cycle Length (s): 6.5
Number of Complete Cycles : 37

Summary of All Intervals

Run Number	1	2	3	4	5	6	7
Start Time	3:55	3:55	3:55	3:55	3:55	3:55	3:55
End Time	5:00	5:00	5:00	5:00	5:00	5:00	5:00
Total Time (min)	65	65	65	65	65	65	65
Time Recorded (min)	60	60	60	60	60	60	60
# of Intervals	2	2	2	2	2	2	2
# of Recorded Intervals	1	1	1	1	1	1	1
Vehs Entered	16504	16637	16678	16870	16502	16836	16698
Vehs Exited	16129	16209	16169	16353	16088	16405	16299
Starting Vehs	715	641	701	696	705	710	702
Ending Vehs	1090	1069	1210	1213	1119	1141	1101
Denied Entry Before	9	7	5	2	4	4	5
Denied Entry After	100	67	96	79	90	64	81
Travel Distance (mi)	19483	19699	19869	19902	19614	19929	19913
Travel Time (hr)	949.0	965.2	1028.1	1024.4	932.8	994.7	974.3
Total Delay (hr)	497.7	509.3	566.5	562.3	477.7	532.1	512.7
Total Stops	28558	28866	29568	29228	28998	29901	29080
Fuel Used (gal)	811.8	821.7	835.2	839.1	814.0	833.0	831.5

Summary of All Intervals

Run Number	8	9	10	Avg
Start Time	3:55	3:55	3:55	3:55
End Time	5:00	5:00	5:00	5:00
Total Time (min)	65	65	65	65
Time Recorded (min)	60	60	60	60
# of Intervals	2	2	2	2
# of Recorded Intervals	1	1	1	1
Vehs Entered	16617	16568	16866	16681
Vehs Exited	16033	16185	16455	16234
Starting Vehs	615	645	697	675
Ending Vehs	1199	1028	1108	1124
Denied Entry Before	2	2	14	3
Denied Entry After	84	101	61	80
Travel Distance (mi)	19616	19764	19953	19774
Travel Time (hr)	991.0	930.6	960.5	975.1
Total Delay (hr)	535.5	472.8	498.4	516.5
Total Stops	28934	28447	29699	29127
Fuel Used (gal)	823.3	818.0	828.8	825.6

Interval #0 Information Seeding

Start Time	3:55
End Time	4:00
Total Time (min)	5

Volumes adjusted by Growth Factors.

No data recorded this interval.

Interval #1 Information Recording

Start Time	4:00
End Time	5:00
Total Time (min)	60

Volumes adjusted by Growth Factors.

Run Number	1	2	3	4	5	6	7
Vehs Entered	16504	16637	16678	16870	16502	16836	16698
Vehs Exited	16129	16209	16169	16353	16088	16405	16299
Starting Vehs	715	641	701	696	705	710	702
Ending Vehs	1090	1069	1210	1213	1119	1141	1101
Denied Entry Before	9	7	5	2	4	4	5
Denied Entry After	100	67	96	79	90	64	81
Travel Distance (mi)	19483	19699	19869	19902	19614	19929	19913
Travel Time (hr)	949.0	965.2	1028.1	1024.4	932.8	994.7	974.3
Total Delay (hr)	497.7	509.3	566.5	562.3	477.7	532.1	512.7
Total Stops	28558	28866	29568	29228	28998	29901	29080
Fuel Used (gal)	811.8	821.7	835.2	839.1	814.0	833.0	831.5

Interval #1 Information Recording

Start Time	4:00
End Time	5:00
Total Time (min)	60

Volumes adjusted by Growth Factors.

Run Number	8	9	10	Avg
Vehs Entered	16617	16568	16866	16681
Vehs Exited	16033	16185	16455	16234
Starting Vehs	615	645	697	675
Ending Vehs	1199	1028	1108	1124
Denied Entry Before	2	2	14	3
Denied Entry After	84	101	61	80
Travel Distance (mi)	19616	19764	19953	19774
Travel Time (hr)	991.0	930.6	960.5	975.1
Total Delay (hr)	535.5	472.8	498.4	516.5
Total Stops	28934	28447	29699	29127
Fuel Used (gal)	823.3	818.0	828.8	825.6

1: Sanderson Ave & Ramona Expy Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.3	0.1	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.6	0.7	0.4
Denied Del/Veh (s)	2.4	0.5	2.3	2.2	0.4	2.0	0.0	0.0	0.0	2.8	2.0	2.7
Total Delay (hr)	7.0	6.4	0.9	0.8	6.4	4.4	1.8	9.5	0.1	11.7	15.1	3.1
Total Del/Veh (s)	54.2	36.4	19.6	50.5	56.4	29.7	51.1	46.0	11.3	56.9	43.0	23.0
Stop Delay (hr)	5.8	4.1	0.7	0.7	4.8	2.8	1.5	6.7	0.1	7.2	6.4	1.1
Stop Del/Veh (s)	44.8	23.3	15.1	46.0	42.2	18.6	44.7	32.3	9.9	35.2	18.3	8.0
Total Stops	426	408	108	49	359	352	114	562	12	639	771	288
Stop/Veh	0.92	0.64	0.63	0.89	0.88	0.65	0.92	0.76	0.63	0.86	0.61	0.59
Travel Dist (mi)	168.7	233.5	64.0	26.4	198.3	264.1	21.9	129.1	3.3	342.6	587.9	227.0
Travel Time (hr)	10.8	10.1	2.4	1.3	9.5	10.2	2.4	12.0	0.1	19.3	25.7	8.4
Vehicles Entered	449	622	170	53	396	528	122	732	19	724	1241	480
Vehicles Exited	451	622	170	53	398	528	122	732	18	727	1243	480
Hourly Exit Rate	451	622	170	53	398	528	122	732	18	727	1243	480
Input Volume	445	625	168	58	398	529	118	738	20	733	1255	468
% of Volume	101	100	101	91	100	100	103	99	90	99	99	103
Denied Entry Before	0	0	0	0	0	1	0	0	0	1	1	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	1

1: Sanderson Ave & Ramona Expy Performance by movement

Movement	All
Denied Delay (hr)	2.5
Denied Del/Veh (s)	1.6
Total Delay (hr)	67.1
Total Del/Veh (s)	42.8
Stop Delay (hr)	41.8
Stop Del/Veh (s)	26.7
Total Stops	4088
Stop/Veh	0.72
Travel Dist (mi)	2266.7
Travel Time (hr)	112.4
Vehicles Entered	5536
Vehicles Exited	5544
Hourly Exit Rate	5544
Input Volume	5555
% of Volume	100
Denied Entry Before	3
Denied Entry After	1

2: Sanderson Ave & Ramona Blvd Performance by movement

Movement	NBT	NBR	SBL	SBT	NWL	NWR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.1	0.2
Denied Del/Veh (s)	0.2	2.8	0.2	0.0	0.3	2.1	0.3
Total Delay (hr)	2.3	0.1	2.1	4.0	0.4	0.2	9.1
Total Del/Veh (s)	10.7	3.6	32.6	11.0	28.1	5.9	12.9
Stop Delay (hr)	0.9	0.0	1.5	0.2	0.4	0.1	3.1
Stop Del/Veh (s)	4.1	2.4	22.7	0.6	25.5	4.5	4.5
Total Stops	250	22	196	119	46	90	723
Stop/Veh	0.32	0.36	0.83	0.09	0.90	0.87	0.29
Travel Dist (mi)	141.7	11.1	42.2	236.2	22.0	44.9	498.1
Travel Time (hr)	4.9	0.4	3.3	8.7	0.9	1.4	19.7
Vehicles Entered	771	60	232	1297	50	102	2512
Vehicles Exited	772	60	232	1298	50	101	2513
Hourly Exit Rate	772	60	232	1298	50	101	2513
Input Volume	776	62	235	1307	51	100	2531
% of Volume	99	97	99	99	98	101	99
Denied Entry Before	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0

3: Cawston Ave & Cottonwood Ave Performance by movement

Movement	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	All
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
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1
Total Delay (hr)	0.1	0.0	0.1	0.1	0.0	0.1	0.3	0.1	0.1	0.2	1.0
Total Del/Veh (s)	0.8	0.2	3.1	2.2	1.0	12.4	8.1	3.7	11.3	10.9	3.7
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.1	0.5
Stop Del/Veh (s)	0.0	0.0	0.9	0.0	0.0	10.2	5.1	2.9	9.2	7.3	1.9
Total Stops	0	0	28	0	1	40	74	76	25	50	294
Stop/Veh	0.00	0.00	0.27	0.00	0.03	0.98	0.64	1.00	1.00	1.00	0.30
Travel Dist (mi)	42.2	9.1	39.0	75.0	14.4	5.8	13.6	10.7	3.2	6.5	219.6
Travel Time (hr)	0.9	0.2	1.0	1.7	0.3	0.3	0.7	0.5	0.2	0.4	6.2
Vehicles Entered	268	58	102	205	38	41	115	76	25	50	978
Vehicles Exited	268	57	102	205	38	40	115	76	25	50	976
Hourly Exit Rate	268	57	102	205	38	40	115	76	25	50	976
Input Volume	276	58	105	211	40	40	116	77	24	44	991
% of Volume	97	98	97	97	95	100	99	99	104	114	98
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0

4: Sanderson Ave & Cottonwood Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Denied Del/Veh (s)	0.0	0.0	0.3	3.4	0.4	0.2	0.0	0.0	0.0	2.4	0.4	2.4
Total Delay (hr)	1.0	1.5	0.2	0.9	1.4	0.2	0.5	3.4	0.3	2.3	4.8	0.2
Total Del/Veh (s)	33.4	26.2	9.2	33.4	29.9	6.8	42.2	17.2	9.3	45.3	16.5	4.0
Stop Delay (hr)	0.9	1.2	0.2	0.8	1.1	0.2	0.4	1.9	0.1	2.1	2.6	0.1
Stop Del/Veh (s)	31.5	21.1	9.0	30.4	22.8	6.0	37.6	9.7	4.0	40.2	9.1	1.6
Total Stops	94	153	61	85	124	92	38	295	58	180	486	62
Stop/Veh	0.89	0.72	0.74	0.86	0.73	0.72	0.95	0.41	0.56	0.98	0.47	0.45
Travel Dist (mi)	10.7	21.7	8.5	24.0	41.4	31.2	19.8	323.2	51.5	31.4	179.9	24.0
Travel Time (hr)	1.3	2.0	0.5	1.6	2.4	1.1	1.0	10.8	1.6	3.3	9.0	1.0
Vehicles Entered	104	210	82	98	168	126	40	705	103	181	1034	138
Vehicles Exited	105	210	82	97	168	126	39	702	103	180	1034	138
Hourly Exit Rate	105	210	82	97	168	126	39	702	103	180	1034	138
Input Volume	104	214	84	101	171	123	43	746	111	175	1025	142
% of Volume	101	98	98	96	98	102	91	94	93	103	101	97
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

4: Sanderson Ave & Cottonwood Ave Performance by movement

Movement	All
Denied Delay (hr)	0.5
Denied Del/Veh (s)	0.6
Total Delay (hr)	16.7
Total Del/Veh (s)	19.9
Stop Delay (hr)	11.7
Stop Del/Veh (s)	14.0
Total Stops	1728
Stop/Veh	0.57
Travel Dist (mi)	767.4
Travel Time (hr)	35.5
Vehicles Entered	2989
Vehicles Exited	2984
Hourly Exit Rate	2984
Input Volume	3039
% of Volume	98
Denied Entry Before	0
Denied Entry After	0

5: 7th St & Karpick St Performance by movement

Movement	EBT	WBT	WBR	SBL	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.0	0.0	0.1	0.1
Total Delay (hr)	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	0.1	2.2	2.1	4.0	1.9
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.0
Stop Del/Veh (s)	0.0	0.5	0.5	2.7	0.7
Total Stops	0	0	0	29	29
Stop/Veh	0.00	0.00	0.00	1.00	0.15
Travel Dist (mi)	5.0	8.4	5.1	0.7	19.3
Travel Time (hr)	0.1	0.3	0.2	0.1	0.8
Vehicles Entered	52	70	42	29	193
Vehicles Exited	52	70	42	29	193
Hourly Exit Rate	52	70	42	29	193
Input Volume	51	68	45	32	196
% of Volume	102	103	93	91	98
Denied Entry Before	0	0	0	0	0
Denied Entry After	0	0	0	0	0

6: Cawston Ave & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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)	0.0	0.1	0.0	0.1	0.1	0.0	0.1	0.6	0.2	0.1	0.4	0.0
Total Del/Veh (s)	5.0	8.1	3.1	5.9	4.7	3.2	9.8	12.1	8.9	6.5	8.6	1.7
Stop Delay (hr)	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.2	0.1	0.0	0.2	0.0
Stop Del/Veh (s)	3.1	3.7	2.8	3.5	2.0	2.9	3.8	4.3	4.4	3.8	3.5	2.3
Total Stops	11	40	31	84	54	51	45	169	76	41	178	14
Stop/Veh	1.00	0.98	1.00	1.00	0.58	0.98	1.00	0.96	0.99	0.98	1.00	1.00
Travel Dist (mi)	1.2	4.8	3.6	18.4	16.4	11.4	22.5	86.7	38.3	9.6	41.0	3.1
Travel Time (hr)	0.1	0.2	0.2	0.7	0.6	0.4	0.8	3.2	1.4	0.4	1.6	0.1
Vehicles Entered	11	40	31	84	93	52	45	174	76	41	177	14
Vehicles Exited	11	40	31	84	93	51	45	173	76	41	177	14
Hourly Exit Rate	11	40	31	84	93	51	45	173	76	41	177	14
Input Volume	10	42	32	91	98	54	43	173	79	43	177	12
% of Volume	110	95	97	92	95	94	105	100	96	95	100	117
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

6: Cawston Ave & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.0
Total Delay (hr)	1.8
Total Del/Veh (s)	7.9
Stop Delay (hr)	0.8
Stop Del/Veh (s)	3.5
Total Stops	794
Stop/Veh	0.94
Travel Dist (mi)	257.0
Travel Time (hr)	9.7
Vehicles Entered	838
Vehicles Exited	836
Hourly Exit Rate	836
Input Volume	854
% of Volume	98
Denied Entry Before	0
Denied Entry After	0

7: Sanderson Ave & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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)	0.4	0.0	0.0	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.1	0.8	0.1	1.9	0.9	0.1	0.4	3.4	0.5	1.0	4.8	0.1
Total Del/Veh (s)	26.9	23.5	14.5	36.3	21.8	5.4	30.8	14.8	13.4	38.0	15.8	8.3
Stop Delay (hr)	0.1	0.6	0.1	1.7	0.7	0.1	0.3	0.8	0.1	0.8	1.4	0.0
Stop Del/Veh (s)	24.2	17.6	13.3	32.3	16.4	5.2	22.9	3.6	3.5	29.2	4.5	1.3
Total Stops	18	82	25	172	91	40	38	191	39	80	315	9
Stop/Veh	0.90	0.65	0.71	0.90	0.61	0.68	0.83	0.23	0.30	0.84	0.29	0.24
Travel Dist (mi)	5.0	31.8	8.6	23.1	17.7	7.0	22.9	396.4	63.1	46.9	537.1	18.4
Travel Time (hr)	0.3	1.6	0.4	2.7	1.3	0.3	0.9	11.7	2.0	2.1	16.0	0.5
Vehicles Entered	20	126	34	191	147	59	45	809	126	93	1084	36
Vehicles Exited	19	125	34	190	147	59	45	805	126	93	1084	37
Hourly Exit Rate	19	125	34	190	147	59	45	805	126	93	1084	37
Input Volume	21	124	39	195	160	66	49	848	130	98	1078	34
% of Volume	90	101	87	97	92	89	92	95	97	95	101	109
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

7: Sanderson Ave & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.1
Total Delay (hr)	14.2
Total Del/Veh (s)	18.2
Stop Delay (hr)	6.7
Stop Del/Veh (s)	8.7
Total Stops	1100
Stop/Veh	0.39
Travel Dist (mi)	1177.8
Travel Time (hr)	39.8
Vehicles Entered	2770
Vehicles Exited	2764
Hourly Exit Rate	2764
Input Volume	2842
% of Volume	97
Denied Entry Before	0
Denied Entry After	0

8: Kirby St & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	3.7
Total Delay (hr)	0.1	1.9	0.1	0.4	1.6	0.1	0.1	1.0	0.2	0.1	0.6	0.0
Total Del/Veh (s)	15.7	20.2	7.2	13.6	14.7	11.2	13.2	15.7	8.2	11.4	13.3	4.9
Stop Delay (hr)	0.0	1.1	0.1	0.2	0.6	0.1	0.0	0.4	0.1	0.1	0.3	0.0
Stop Del/Veh (s)	11.3	12.1	4.5	6.7	5.4	6.0	7.6	7.1	4.9	8.1	6.8	3.4
Total Stops	14	328	47	93	288	39	23	217	86	27	164	17
Stop/Veh	1.00	0.99	1.04	0.99	0.76	0.98	1.00	0.99	0.99	1.00	0.99	0.94
Travel Dist (mi)	4.9	111.8	15.3	46.1	165.3	19.5	11.4	107.8	42.7	3.2	19.2	2.1
Travel Time (hr)	0.2	4.4	0.5	1.5	5.3	0.6	0.4	3.7	1.4	0.2	1.1	0.1
Vehicles Entered	14	328	45	93	374	39	23	217	85	27	164	18
Vehicles Exited	14	327	45	93	375	39	23	217	86	27	163	18
Hourly Exit Rate	14	327	45	93	375	39	23	217	86	27	163	18
Input Volume	16	335	45	108	406	42	27	238	91	28	167	17
% of Volume	88	98	100	86	92	93	85	91	95	96	98	106
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

8: Kirby St & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.1
Total Delay (hr)	6.0
Total Del/Veh (s)	15.0
Stop Delay (hr)	3.0
Stop Del/Veh (s)	7.5
Total Stops	1343
Stop/Veh	0.93
Travel Dist (mi)	549.4
Travel Time (hr)	19.5
Vehicles Entered	1427
Vehicles Exited	1427
Hourly Exit Rate	1427
Input Volume	1520
% of Volume	94
Denied Entry Before	0
Denied Entry After	0

9: Lyon Ave & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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	3.5	0.4	0.2
Total Delay (hr)	0.1	2.9	0.1	3.6	25.6	2.4	0.2	1.2	0.1	0.1	1.1	0.0
Total Del/Veh (s)	14.9	26.1	20.0	178.4	183.5	189.3	18.1	19.6	7.6	10.2	17.5	4.5
Stop Delay (hr)	0.0	1.8	0.1	3.6	25.2	2.4	0.2	0.7	0.1	0.1	0.6	0.0
Stop Del/Veh (s)	7.1	15.7	15.5	178.6	180.6	191.5	14.5	12.3	5.1	6.9	9.6	4.5
Total Stops	19	379	23	73	480	46	44	188	49	47	234	33
Stop/Veh	1.00	0.94	0.96	1.00	0.95	1.00	0.98	0.88	0.98	1.00	1.00	1.00
Travel Dist (mi)	9.0	192.6	11.5	34.6	232.5	22.1	8.9	40.1	9.9	3.8	19.0	2.7
Travel Time (hr)	0.3	7.4	0.4	4.5	30.9	3.0	0.5	2.0	0.4	0.3	1.5	0.1
Vehicles Entered	19	398	23	72	493	46	44	211	50	47	233	33
Vehicles Exited	18	395	23	65	448	42	44	211	49	47	233	33
Hourly Exit Rate	18	395	23	65	448	42	44	211	49	47	233	33
Input Volume	21	410	23	71	496	45	45	222	54	52	241	35
% of Volume	86	96	100	92	90	93	98	95	91	90	97	94
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

9: Lyon Ave & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.2
Total Delay (hr)	37.6
Total Del/Veh (s)	80.3
Stop Delay (hr)	34.9
Stop Del/Veh (s)	74.5
Total Stops	1615
Stop/Veh	0.96
Travel Dist (mi)	586.7
Travel Time (hr)	51.3
Vehicles Entered	1669
Vehicles Exited	1608
Hourly Exit Rate	1608
Input Volume	1715
% of Volume	94
Denied Entry Before	0
Denied Entry After	0

10: Palm Ave & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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	0.1	0.2	0.1	0.0	0.0	0.0	0.2	0.2	0.2
Total Delay (hr)	0.2	2.0	0.1	0.3	5.0	0.3	0.1	0.5	0.1	0.1	0.4	0.1
Total Del/Veh (s)	13.2	17.4	13.0	17.6	32.6	27.4	10.3	10.9	8.5	8.0	11.5	6.6
Stop Delay (hr)	0.1	0.7	0.0	0.2	3.7	0.3	0.1	0.2	0.1	0.0	0.2	0.1
Stop Del/Veh (s)	5.6	6.5	6.9	9.4	24.2	24.3	6.9	5.7	6.4	5.5	5.8	5.4
Total Stops	41	384	24	88	548	43	29	121	52	31	113	33
Stop/Veh	0.98	0.93	1.00	1.33	0.99	1.00	0.97	0.78	1.00	0.97	0.99	0.97
Travel Dist (mi)	20.4	198.1	12.0	8.0	66.9	5.2	11.3	53.7	20.2	2.1	7.5	2.2
Travel Time (hr)	0.7	6.6	0.4	0.6	6.6	0.5	0.4	1.9	0.7	0.2	0.6	0.2
Vehicles Entered	41	410	24	66	549	43	30	154	52	31	113	33
Vehicles Exited	41	408	24	66	549	43	29	154	52	32	113	33
Hourly Exit Rate	41	408	24	66	549	43	29	154	52	32	113	33
Input Volume	45	428	26	67	549	42	32	158	54	32	114	31
% of Volume	91	95	92	99	100	102	91	97	96	100	99	106
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

10: Palm Ave & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.1
Total Delay (hr)	9.1
Total Del/Veh (s)	21.0
Stop Delay (hr)	5.7
Stop Del/Veh (s)	13.2
Total Stops	1507
Stop/Veh	0.96
Travel Dist (mi)	407.7
Travel Time (hr)	19.1
Vehicles Entered	1546
Vehicles Exited	1544
Hourly Exit Rate	1544
Input Volume	1578
% of Volume	98
Denied Entry Before	0
Denied Entry After	0

11: State St & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Denied Del/Veh (s)	0.1	0.0	0.2	3.1	0.6	0.2	0.0	0.0	0.0	2.6	0.4	0.4
Total Delay (hr)	1.1	2.4	0.2	1.2	3.9	0.1	1.0	4.5	0.8	1.9	6.5	0.6
Total Del/Veh (s)	58.5	25.6	9.1	42.5	29.9	4.5	54.3	27.3	24.4	55.0	25.7	18.0
Stop Delay (hr)	1.0	1.7	0.1	1.0	2.6	0.1	0.8	2.7	0.6	1.6	4.2	0.4
Stop Del/Veh (s)	53.3	17.8	6.1	35.4	19.5	3.8	46.5	16.7	16.2	48.4	16.6	13.9
Total Stops	65	206	51	106	301	48	63	328	79	139	554	66
Stop/Veh	1.00	0.61	0.57	1.06	0.64	0.55	1.00	0.55	0.63	1.14	0.61	0.59
Travel Dist (mi)	23.6	122.6	32.4	13.5	63.6	11.9	30.7	286.0	61.4	11.3	85.8	10.5
Travel Time (hr)	1.7	5.2	1.1	1.7	5.4	0.5	1.7	11.3	2.5	2.3	8.5	1.0
Vehicles Entered	64	334	89	99	466	87	62	582	123	119	905	110
Vehicles Exited	64	334	87	99	466	87	61	581	123	120	903	111
Hourly Exit Rate	64	334	87	99	466	87	61	581	123	120	903	111
Input Volume	71	348	91	101	459	86	71	611	124	122	899	105
% of Volume	90	96	96	98	102	101	86	95	99	98	100	106
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

11: State St & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.4
Denied Del/Veh (s)	0.4
Total Delay (hr)	24.1
Total Del/Veh (s)	28.2
Stop Delay (hr)	16.8
Stop Del/Veh (s)	19.7
Total Stops	2006
Stop/Veh	0.65
Travel Dist (mi)	753.4
Travel Time (hr)	42.8
Vehicles Entered	3040
Vehicles Exited	3036
Hourly Exit Rate	3036
Input Volume	3088
% of Volume	98
Denied Entry Before	0
Denied Entry After	0

12: Warren Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.0	0.0	0.6	0.6	0.6	0.4	0.3	0.3
Total Delay (hr)	0.0	0.1	0.0	0.4	0.4	0.1	0.0	4.7	1.1	0.3	1.4	0.1
Total Del/Veh (s)	5.9	11.0	4.3	10.3	4.1	7.9	32.1	34.0	26.1	14.0	17.7	9.4
Stop Delay (hr)	0.0	0.0	0.0	0.2	0.1	0.1	0.0	3.0	0.8	0.2	0.5	0.0
Stop Del/Veh (s)	4.8	5.0	3.9	5.4	0.7	4.7	24.4	21.7	21.0	8.1	6.4	5.4
Total Stops	12	31	2	123	32	59	3	495	145	83	292	26
Stop/Veh	1.00	1.00	1.00	0.97	0.09	0.97	1.00	0.99	0.99	0.99	0.99	1.00
Travel Dist (mi)	1.5	3.9	0.2	128.6	202.2	61.2	0.7	107.1	31.4	18.6	65.6	5.7
Travel Time (hr)	0.1	0.2	0.0	3.2	4.8	1.5	0.0	6.8	1.9	0.8	2.7	0.2
Vehicles Entered	12	31	2	125	354	59	3	494	144	83	292	26
Vehicles Exited	12	31	2	123	353	59	3	494	144	83	292	26
Hourly Exit Rate	12	31	2	123	353	59	3	494	144	83	292	26
Input Volume	11	30	1	139	385	64	5	496	149	86	293	26
% of Volume	109	103	200	88	92	92	60	100	97	97	100	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

12: Warren Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.3
Total Delay (hr)	8.7
Total Del/Veh (s)	18.9
Stop Delay (hr)	5.0
Stop Del/Veh (s)	11.0
Total Stops	1303
Stop/Veh	0.79
Travel Dist (mi)	626.8
Travel Time (hr)	22.2
Vehicles Entered	1625
Vehicles Exited	1622
Hourly Exit Rate	1622
Input Volume	1685
% of Volume	96
Denied Entry Before	0
Denied Entry After	0

13: Cawston Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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)	0.9	0.1	0.1	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0
Total Delay (hr)	0.5	1.4	0.4	0.6	1.5	0.1	1.6	1.0	0.1	0.2	1.3	0.4
Total Del/Veh (s)	30.0	18.7	9.4	31.6	17.0	11.2	32.1	17.8	5.2	29.0	25.1	16.2
Stop Delay (hr)	0.5	0.9	0.2	0.5	0.8	0.1	1.3	0.6	0.1	0.2	0.9	0.3
Stop Del/Veh (s)	26.5	12.1	6.5	26.9	9.8	7.3	26.1	11.5	3.0	25.8	17.8	11.8
Total Stops	56	153	88	62	152	27	156	108	38	27	138	69
Stop/Veh	0.90	0.56	0.65	0.89	0.49	0.60	0.89	0.56	0.58	0.90	0.73	0.76
Travel Dist (mi)	49.1	214.4	105.9	34.0	145.4	21.9	78.7	87.1	29.6	14.5	91.4	44.0
Travel Time (hr)	1.6	6.0	2.8	1.4	4.7	0.7	4.0	3.5	1.0	0.7	4.0	1.8
Vehicles Entered	61	268	134	69	307	44	173	191	65	29	186	89
Vehicles Exited	61	267	133	68	307	44	172	189	65	29	185	89
Hourly Exit Rate	61	267	133	68	307	44	172	189	65	29	185	89
Input Volume	63	269	136	81	366	47	167	185	68	31	195	88
% of Volume	97	99	98	84	84	94	103	102	96	94	95	101
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

13: Cawston Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.1
Total Delay (hr)	9.1
Total Del/Veh (s)	20.0
Stop Delay (hr)	6.5
Stop Del/Veh (s)	14.2
Total Stops	1074
Stop/Veh	0.65
Travel Dist (mi)	916.1
Travel Time (hr)	32.3
Vehicles Entered	1616
Vehicles Exited	1609
Hourly Exit Rate	1609
Input Volume	1696
% of Volume	95
Denied Entry Before	0
Denied Entry After	0

14: Sanderson Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0	0.0	2.7	0.2	0.3	0.0	0.0	0.0
Total Delay (hr)	1.2	2.4	0.2	1.5	2.1	0.2	0.9	5.9	0.7	2.1	7.0	0.4
Total Del/Veh (s)	44.8	38.7	15.7	41.4	27.9	6.7	48.3	27.1	18.2	50.5	25.0	12.2
Stop Delay (hr)	1.0	1.8	0.2	1.3	1.7	0.2	0.8	3.9	0.5	1.7	3.3	0.1
Stop Del/Veh (s)	38.3	29.3	10.8	37.2	22.4	6.3	43.7	17.7	13.5	40.6	11.8	2.5
Total Stops	84	183	48	113	168	80	64	481	83	129	474	57
Stop/Veh	0.88	0.81	0.92	0.88	0.63	0.71	0.93	0.61	0.64	0.87	0.47	0.47
Travel Dist (mi)	46.3	109.4	25.2	40.7	79.9	36.0	11.1	126.3	21.0	73.1	496.0	60.2
Travel Time (hr)	2.3	4.7	0.9	2.6	4.1	1.2	1.3	8.8	1.3	3.8	17.4	1.9
Vehicles Entered	94	222	51	127	263	111	68	776	128	147	1000	120
Vehicles Exited	93	219	51	126	263	112	68	776	129	145	999	121
Hourly Exit Rate	93	219	51	126	263	112	68	776	129	145	999	121
Input Volume	99	223	52	170	350	155	68	773	128	140	1012	118
% of Volume	94	98	98	74	75	72	100	100	101	104	99	103
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

14: Sanderson Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.1
Total Delay (hr)	24.6
Total Del/Veh (s)	28.2
Stop Delay (hr)	16.5
Stop Del/Veh (s)	18.9
Total Stops	1964
Stop/Veh	0.62
Travel Dist (mi)	1125.1
Travel Time (hr)	50.2
Vehicles Entered	3107
Vehicles Exited	3102
Hourly Exit Rate	3102
Input Volume	3288
% of Volume	94
Denied Entry Before	0
Denied Entry After	0

15: Kirby St & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	2.1	24.7	4.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Denied Del/Veh (s)	201.1	195.6	208.0	0.0	0.0	0.0	0.6	0.6	3.4	0.0	0.0	0.5
Total Delay (hr)	1.9	23.4	3.7	9.3	62.3	5.2	0.6	2.0	0.2	0.2	1.6	0.1
Total Del/Veh (s)	209.2	212.3	206.9	479.9	483.6	484.6	25.9	27.7	7.6	20.3	23.3	11.0
Stop Delay (hr)	2.0	23.9	3.9	9.6	63.9	5.4	0.5	1.5	0.1	0.2	1.1	0.1
Stop Del/Veh (s)	218.1	216.6	217.7	495.1	495.6	501.6	22.2	20.9	5.2	15.5	15.5	6.5
Total Stops	19	237	38	68	454	38	87	261	95	43	242	48
Stop/Veh	0.58	0.60	0.59	0.97	0.98	0.97	0.99	0.99	0.99	0.98	0.98	1.00
Travel Dist (mi)	5.2	62.9	10.1	31.9	209.2	17.5	14.8	44.6	16.3	20.4	115.9	22.3
Travel Time (hr)	4.1	49.4	8.2	10.1	67.1	5.7	1.1	3.2	0.8	0.8	4.6	0.8
Vehicles Entered	32	393	63	69	457	39	87	260	95	43	244	48
Vehicles Exited	31	366	59	58	374	31	86	259	95	43	241	47
Hourly Exit Rate	31	366	59	58	374	31	86	259	95	43	241	47
Input Volume	42	472	76	81	550	49	82	261	93	47	256	49
% of Volume	74	78	78	72	68	63	105	99	102	91	94	96
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	5	62	10	0	0	0	0	0	0	0	0	0

15: Kirby St & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	31.2
Denied Del/Veh (s)	58.8
Total Delay (hr)	110.8
Total Del/Veh (s)	215.1
Stop Delay (hr)	112.3
Stop Del/Veh (s)	218.0
Total Stops	1630
Stop/Veh	0.88
Travel Dist (mi)	571.2
Travel Time (hr)	156.0
Vehicles Entered	1830
Vehicles Exited	1690
Hourly Exit Rate	1690
Input Volume	2058
% of Volume	82
Denied Entry Before	0
Denied Entry After	77

16: Lyon Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0
Denied Del/Veh (s)	0.2	0.0	0.1	0.0	0.1	0.0	4.3	1.3	4.6	0.0	0.0	0.0
Total Delay (hr)	0.4	2.8	0.1	6.0	31.9	1.8	0.7	1.9	0.3	0.6	2.0	0.1
Total Del/Veh (s)	48.2	21.5	9.9	199.5	178.7	80.7	83.4	33.4	10.4	40.9	28.7	13.8
Stop Delay (hr)	0.3	1.5	0.0	5.8	30.0	1.6	0.7	1.5	0.2	0.6	1.5	0.1
Stop Del/Veh (s)	41.3	11.8	4.5	191.8	168.2	73.4	79.3	25.0	8.3	37.3	21.2	12.8
Total Stops	26	228	16	134	541	69	30	153	68	49	170	12
Stop/Veh	0.96	0.49	0.48	1.23	0.84	0.86	0.97	0.73	0.76	0.91	0.67	0.67
Travel Dist (mi)	13.2	226.3	16.1	46.7	287.0	37.3	2.8	19.1	8.2	15.8	74.2	5.4
Travel Time (hr)	0.7	8.0	0.5	7.3	39.3	2.8	0.8	2.4	0.7	1.0	3.5	0.2
Vehicles Entered	27	456	32	107	635	78	31	208	89	53	250	18
Vehicles Exited	27	457	32	85	525	71	29	207	89	53	248	18
Hourly Exit Rate	27	457	32	85	525	71	29	207	89	53	248	18
Input Volume	32	552	39	111	637	80	30	209	86	55	260	20
% of Volume	84	83	82	77	82	89	97	99	103	96	95	90
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	1	1	0	0	0

16: Lyon Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.4
Total Delay (hr)	48.6
Total Del/Veh (s)	87.0
Stop Delay (hr)	43.8
Stop Del/Veh (s)	78.5
Total Stops	1496
Stop/Veh	0.74
Travel Dist (mi)	752.0
Travel Time (hr)	67.3
Vehicles Entered	1984
Vehicles Exited	1841
Hourly Exit Rate	1841
Input Volume	2111
% of Volume	87
Denied Entry Before	0
Denied Entry After	2

17: Palm Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	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	3.6	0.5	0.5	1.3	0.2	1.6
Total Delay (hr)	0.3	5.0	0.4	1.8	8.7	0.3	0.9	1.0	0.5	0.8	1.2	0.1
Total Del/Veh (s)	46.3	33.7	25.3	58.6	41.2	12.4	44.2	26.2	14.0	39.4	24.1	5.5
Stop Delay (hr)	0.2	2.6	0.2	1.2	4.8	0.2	0.8	0.7	0.4	0.8	1.0	0.1
Stop Del/Veh (s)	35.3	17.8	15.2	41.4	22.6	6.8	39.7	18.9	10.7	36.5	19.6	4.4
Total Stops	26	352	34	121	554	43	70	93	94	72	128	30
Stop/Veh	1.04	0.66	0.68	1.12	0.73	0.52	0.97	0.70	0.73	0.96	0.70	0.68
Travel Dist (mi)	12.4	258.2	24.2	53.1	367.8	40.7	10.3	19.0	18.3	6.5	16.0	3.8
Travel Time (hr)	0.6	10.4	1.0	3.2	18.2	1.4	1.3	1.5	1.1	1.1	1.7	0.2
Vehicles Entered	25	525	49	106	748	81	71	131	126	74	181	44
Vehicles Exited	25	522	49	105	733	81	70	130	126	74	181	44
Hourly Exit Rate	25	522	49	105	733	81	70	130	126	74	181	44
Input Volume	31	608	54	111	739	85	73	128	123	77	180	45
% of Volume	81	86	91	95	99	95	96	102	102	96	101	98
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

17: Palm Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.3
Total Delay (hr)	20.9
Total Del/Veh (s)	34.2
Stop Delay (hr)	12.9
Stop Del/Veh (s)	21.2
Total Stops	1617
Stop/Veh	0.74
Travel Dist (mi)	830.3
Travel Time (hr)	41.8
Vehicles Entered	2161
Vehicles Exited	2140
Hourly Exit Rate	2140
Input Volume	2254
% of Volume	95
Denied Entry Before	0
Denied Entry After	0

18: State St & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	2.3	0.2	0.3	3.0	0.2	0.2	0.0	0.0	0.0
Total Delay (hr)	1.4	5.3	0.6	2.2	8.7	1.8	1.0	4.9	1.2	4.4	6.6	1.3
Total Del/Veh (s)	54.7	34.0	28.9	61.3	42.8	32.5	53.8	36.1	25.9	64.5	33.5	30.0
Stop Delay (hr)	1.2	3.5	0.4	1.9	6.5	1.4	0.9	3.8	0.9	3.5	3.6	0.8
Stop Del/Veh (s)	45.9	22.3	20.6	52.7	31.8	25.2	48.3	28.1	21.0	50.8	18.6	18.0
Total Stops	99	359	51	161	607	164	72	363	126	265	432	103
Stop/Veh	1.04	0.64	0.72	1.26	0.83	0.83	1.12	0.75	0.78	1.07	0.61	0.65
Travel Dist (mi)	46.2	269.8	35.2	35.1	202.2	54.8	14.2	108.3	36.1	121.1	339.9	77.9
Travel Time (hr)	2.5	11.0	1.4	3.2	13.9	3.4	1.4	7.6	2.3	7.5	14.4	3.3
Vehicles Entered	93	552	71	125	723	196	62	476	159	241	692	156
Vehicles Exited	92	549	70	125	717	194	63	479	159	242	688	154
Hourly Exit Rate	92	549	70	125	717	194	63	479	159	242	688	154
Input Volume	108	616	77	130	713	196	67	502	154	243	693	155
% of Volume	85	89	91	96	101	99	94	95	103	100	99	99
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

18: State St & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.2
Total Delay (hr)	39.3
Total Del/Veh (s)	39.2
Stop Delay (hr)	28.3
Stop Del/Veh (s)	28.3
Total Stops	2802
Stop/Veh	0.78
Travel Dist (mi)	1340.8
Travel Time (hr)	72.0
Vehicles Entered	3546
Vehicles Exited	3532
Hourly Exit Rate	3532
Input Volume	3654
% of Volume	97
Denied Entry Before	0
Denied Entry After	0

19: Cawston Ave & Eaton Ave Performance by movement

Movement	WBL	WBR	NBT	NBR	SBL	SBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.2	2.4	0.0	0.0	0.3	0.0	0.2
Total Delay (hr)	0.0	0.0	0.8	0.1	0.1	1.0	2.1
Total Del/Veh (s)	4.4	2.6	9.6	6.0	7.8	9.3	8.6
Stop Delay (hr)	0.0	0.0	0.3	0.0	0.1	0.3	0.7
Stop Del/Veh (s)	2.9	2.3	2.9	2.8	3.3	2.8	2.8
Total Stops	31	52	304	44	66	366	863
Stop/Veh	1.00	1.00	0.96	1.00	0.99	0.99	0.98
Travel Dist (mi)	10.4	17.3	76.6	10.9	31.7	173.0	319.8
Travel Time (hr)	0.3	0.6	3.1	0.4	1.1	6.1	11.7
Vehicles Entered	31	52	313	44	66	365	871
Vehicles Exited	31	52	314	44	66	365	872
Hourly Exit Rate	31	52	314	44	66	365	872
Input Volume	31	49	308	46	73	387	894
% of Volume	100	106	102	96	90	94	98
Denied Entry Before	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0

20: Cawston Ave & Coriander Dr/Fruitvale Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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)	0.1	0.1	0.1	0.2	0.2	3.2	2.9	0.1	0.1	0.6	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.7	0.1	0.1	1.1	0.0
Total Del/Veh (s)	6.0	3.3	3.3	5.3	8.7	2.9	5.6	7.9	3.5	7.8	9.8	6.9
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3	0.0
Stop Del/Veh (s)	4.4	2.1	3.1	3.2	3.4	2.5	3.2	2.8	2.5	3.3	2.9	3.7
Total Stops	1	1	5	47	2	37	7	319	56	51	405	1
Stop/Veh	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.99	0.98	0.98	0.99	1.00
Travel Dist (mi)	0.1	0.1	0.7	11.1	0.5	8.8	1.8	77.4	13.6	11.8	94.4	0.3
Travel Time (hr)	0.0	0.0	0.0	0.4	0.0	0.3	0.1	3.0	0.5	0.5	3.9	0.0
Vehicles Entered	1	1	5	47	2	37	7	319	57	51	406	1
Vehicles Exited	1	1	5	47	2	37	7	319	56	51	405	1
Hourly Exit Rate	1	1	5	47	2	37	7	319	56	51	405	1
Input Volume	2	1	5	44	3	34	7	318	58	53	429	2
% of Volume	50	100	100	107	67	109	100	100	97	96	94	50
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

20: Cawston Ave & Coriander Dr/Fruitvale Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.3
Total Delay (hr)	2.1
Total Del/Veh (s)	8.1
Stop Delay (hr)	0.7
Stop Del/Veh (s)	2.9
Total Stops	932
Stop/Veh	0.99
Travel Dist (mi)	220.6
Travel Time (hr)	8.7
Vehicles Entered	934
Vehicles Exited	932
Hourly Exit Rate	932
Input Volume	956
% of Volume	97
Denied Entry Before	0
Denied Entry After	0

Total Network Performance

Denied Delay (hr)	35.9
Denied Del/Veh (s)	7.7
Total Delay (hr)	480.6
Total Del/Veh (s)	99.7
Stop Delay (hr)	359.9
Stop Del/Veh (s)	74.6
Total Stops	29127
Stop/Veh	1.68
Travel Dist (mi)	19774.1
Travel Time (hr)	975.1
Vehicles Entered	16681
Vehicles Exited	16234
Hourly Exit Rate	16234
Input Volume	64287
% of Volume	25
Denied Entry Before	3
Denied Entry After	80

Intersection: 1: Sanderson Ave & Ramona Expy

Movement	EB	EB	EB	EB	EB	WB	WB	WB	WB	WB	NB	NB
Directions Served	L	L	T	T	R	L	L	T	T	R	L	L
Maximum Queue (ft)	252	279	250	253	156	57	69	252	351	334	94	107
Average Queue (ft)	146	173	145	143	59	15	26	145	137	196	41	50
95th Queue (ft)	228	253	219	216	119	42	58	220	267	315	81	93
Link Distance (ft)			1976	1976				2634	2634			
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	400	400			180	375	375			143	400	400
Storage Blk Time (%)				2	0			0	3	19		
Queuing Penalty (veh)				4	0			0	17	38		

Intersection: 1: Sanderson Ave & Ramona Expy

Movement	NB	NB	NB	SB	SB	SB	SB	SB
Directions Served	T	T	R	L	L	T	T	R
Maximum Queue (ft)	307	312	29	319	351	1448	514	334
Average Queue (ft)	198	191	5	205	223	294	256	118
95th Queue (ft)	287	285	19	292	309	795	431	262
Link Distance (ft)	873	873	873			2486	2486	
Upstream Blk Time (%)						0		
Queuing Penalty (veh)						0		
Storage Bay Dist (ft)				400	400			250
Storage Blk Time (%)				0	0	1	7	0
Queuing Penalty (veh)				0	0	4	34	2

Intersection: 2: Sanderson Ave & Ramona Blvd

Movement	NB	NB	NB	SB	SB	SB	NW	NW
Directions Served	T	T	R	L	T	T	L	R
Maximum Queue (ft)	187	143	60	222	184	175	93	86
Average Queue (ft)	99	50	16	112	40	55	32	31
95th Queue (ft)	162	108	44	189	117	132	71	67
Link Distance (ft)	969	969			873	873	2330	
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)			120	170				50
Storage Blk Time (%)		0		3	0		7	1
Queuing Penalty (veh)		0		17	0		7	1

Intersection: 3: Cawston Ave & Cottonwood Ave

Movement	EB	WB	WB	NB	NB	SB
Directions Served	T	L	TR	LT	R	LT
Maximum Queue (ft)	2	44	4	91	75	75
Average Queue (ft)	0	14	0	46	33	36
95th Queue (ft)	2	35	3	77	55	62
Link Distance (ft)	830		1962	697		682
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)		195			150	
Storage Blk Time (%)						
Queuing Penalty (veh)						

Intersection: 4: Sanderson Ave & Cottonwood Ave

Movement	EB	EB	EB	EB	EB	WB	WB	WB	WB	NB	NB	NB
Directions Served	L	L	T	T	R	L	L	T	R	L	L	T
Maximum Queue (ft)	80	93	94	107	66	57	102	168	77	72	52	185
Average Queue (ft)	29	40	48	47	27	17	43	77	31	27	5	85
95th Queue (ft)	65	73	82	89	55	44	84	142	60	60	29	161
Link Distance (ft)			507	507				1294	1294			2541
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	300	300			205	320	320			300	300	
Storage Blk Time (%)												
Queuing Penalty (veh)												

Intersection: 4: Sanderson Ave & Cottonwood Ave

Movement	NB	NB	SB	SB	SB	SB	SB
Directions Served	T	R	L	L	T	T	R
Maximum Queue (ft)	201	70	164	190	298	278	58
Average Queue (ft)	97	21	40	98	164	136	28
95th Queue (ft)	179	51	117	166	251	225	53
Link Distance (ft)	2541				915	915	
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)		210	290	290			200
Storage Blk Time (%)	0				0	1	
Queuing Penalty (veh)	0				0	1	

Intersection: 5: 7th St & Karpick St

Movement	SB
Directions Served	LR
Maximum Queue (ft)	52
Average Queue (ft)	20
95th Queue (ft)	47
Link Distance (ft)	135
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 6: Cawston Ave & 7th St

Movement	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	LTR	L	T	TR	L	TR	LT	R
Maximum Queue (ft)	57	77	48	54	65	118	77	22
Average Queue (ft)	32	34	22	30	27	62	42	7
95th Queue (ft)	50	60	46	51	55	100	68	21
Link Distance (ft)	572		1110	1110		2590	1226	1226
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)		160			85			
Storage Blk Time (%)					0	1		
Queuing Penalty (veh)					0	1		

Intersection: 7: Sanderson Ave & 7th St

Movement	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB	SB
Directions Served	L	TR	L	T	R	L	T	TR	L	T	T	R
Maximum Queue (ft)	64	149	192	209	63	78	224	254	139	248	255	28
Average Queue (ft)	13	63	103	72	23	29	71	95	55	95	104	4
95th Queue (ft)	46	121	168	152	51	66	175	203	115	215	224	17
Link Distance (ft)		1368		646			2569	2569		2541	2541	
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	53		145		600	300			360			360
Storage Blk Time (%)	0	12	3	0			0					
Queuing Penalty (veh)	0	2	7	1			0					

Intersection: 8: Kirby St & 7th St

Movement	EB	EB	WB	WB	NB	NB	SB	SB
Directions Served	LT	R	L	TR	LT	R	LT	R
Maximum Queue (ft)	209	91	58	108	92	54	109	35
Average Queue (ft)	84	23	30	51	49	23	52	13
95th Queue (ft)	165	76	49	86	78	42	86	37
Link Distance (ft)	1855			2533	2574		620	
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)		110	150			280		70
Storage Blk Time (%)	7			0			3	0
Queuing Penalty (veh)	3			0			0	0

Intersection: 9: Lyon Ave & 7th St

Movement	EB	EB	WB	NB	NB	SB	SB	SB
Directions Served	L	TR	LTR	LT	R	L	T	R
Maximum Queue (ft)	87	210	1619	185	60	60	138	45
Average Queue (ft)	16	88	812	84	28	27	67	19
95th Queue (ft)	75	175	1762	148	55	54	110	42
Link Distance (ft)		2533	2566	1006			429	429
Upstream Blk Time (%)			0					
Queuing Penalty (veh)			0					
Storage Bay Dist (ft)	150				105	150		
Storage Blk Time (%)		5		5			0	
Queuing Penalty (veh)		1		3			0	

Intersection: 10: Palm Ave & 7th St

Movement	EB	EB	WB	WB	NB	SB
Directions Served	L	TR	L	TR	LTR	LTR
Maximum Queue (ft)	59	144	170	411	128	104
Average Queue (ft)	25	70	87	217	61	50
95th Queue (ft)	52	112	202	373	99	81
Link Distance (ft)		2566		601	2000	350
Upstream Blk Time (%)				0		
Queuing Penalty (veh)				0		
Storage Bay Dist (ft)	100		75			
Storage Blk Time (%)		2	0	61		
Queuing Penalty (veh)		1	0	41		

Intersection: 11: State St & 7th St

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	R	L	T	R	L	T	TR	L	T	TR
Maximum Queue (ft)	159	280	187	140	390	88	144	236	252	175	421	347
Average Queue (ft)	60	145	42	79	215	28	53	117	147	110	231	189
95th Queue (ft)	129	239	122	154	353	61	117	210	238	194	359	307
Link Distance (ft)		1929			721	721		2560	2560		491	491
Upstream Blk Time (%)											0	
Queuing Penalty (veh)											0	
Storage Bay Dist (ft)	95		215	60			85			105		
Storage Blk Time (%)	5	22	0	13	40		2	17		7	30	
Queuing Penalty (veh)	23	36	0	60	40		7	12		30	37	

Intersection: 12: Warren Ave & Esplanade Ave

Movement	EB	WB	WB	NB	SB
Directions Served	LTR	L	TR	LTR	LTR
Maximum Queue (ft)	59	80	61	412	176
Average Queue (ft)	25	37	32	186	80
95th Queue (ft)	49	64	55	358	136
Link Distance (ft)	671	5387	5387	1142	1186
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)					
Storage Blk Time (%)					
Queuing Penalty (veh)					

Intersection: 13: Cawston Ave & Esplanade Ave

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	T	R	L	TR
Maximum Queue (ft)	85	121	143	88	111	134	168	170	58	66	208
Average Queue (ft)	38	55	75	42	44	63	88	74	24	24	110
95th Queue (ft)	72	101	127	82	91	114	144	137	52	56	182
Link Distance (ft)		5387	5387		2540	2540		2579	2579	2590	2590
Upstream Blk Time (%)											
Queuing Penalty (veh)											
Storage Bay Dist (ft)	150			150			150				
Storage Blk Time (%)		0			0		1	0			
Queuing Penalty (veh)		0			0		2	1			

Intersection: 14: Sanderson Ave & Esplanade Ave

Movement	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB
Directions Served	L	T	T	R	L	T	R	L	T	TR	L	T
Maximum Queue (ft)	138	150	131	80	164	214	81	145	289	273	231	322
Average Queue (ft)	62	55	67	31	84	119	37	45	171	158	99	154
95th Queue (ft)	116	108	119	82	141	191	67	103	256	252	173	262
Link Distance (ft)		2540	2540			1649	1649		840	840		2569
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	130			55	155			225			245	
Storage Blk Time (%)	1	0	19	1	1	3			2			1
Queuing Penalty (veh)	1	0	10	1	2	6			1			2

Intersection: 14: Sanderson Ave & Esplanade Ave

Movement	SB	SB
Directions Served	T	R
Maximum Queue (ft)	330	225
Average Queue (ft)	166	44
95th Queue (ft)	274	142
Link Distance (ft)	2569	
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		200
Storage Blk Time (%)	5	
Queuing Penalty (veh)	5	

Intersection: 15: Kirby St & Esplanade Ave

Movement	EB	B60	WB	NB	NB	SB	SB
Directions Served	LTR	T	LTR	LT	R	LT	R
Maximum Queue (ft)	922	758	2583	266	68	189	105
Average Queue (ft)	737	190	1912	117	36	84	30
95th Queue (ft)	1101	669	3274	210	60	152	75
Link Distance (ft)	834	1649	2574	903		2574	
Upstream Blk Time (%)	46		7				
Queuing Penalty (veh)	226		46				
Storage Bay Dist (ft)					132		100
Storage Blk Time (%)				11		8	
Queuing Penalty (veh)				10		4	

Intersection: 16: Lyon Ave & Esplanade Ave

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	R	L	T	R	L	T	R	L	T	R
Maximum Queue (ft)	77	239	79	220	2486	1826	123	263	153	111	201	33
Average Queue (ft)	22	135	11	128	861	443	33	107	30	38	108	7
95th Queue (ft)	58	210	46	262	2336	1479	91	209	87	82	181	24
Link Distance (ft)		2574			2526	2526		476			1520	
Upstream Blk Time (%)					2	0		1				
Queuing Penalty (veh)					8	1		0				
Storage Bay Dist (ft)	122		122	140			120		120	118		118
Storage Blk Time (%)		9		1	47		3	6		0	7	
Queuing Penalty (veh)		7		4	52		8	7		0	5	

Intersection: 17: Palm Ave & Esplanade Ave

Movement	EB	EB	WB	WB	WB	NB	NB	SB	SB	SB		
Directions Served	L	TR	L	T	R	L	TR	L	T	R		
Maximum Queue (ft)	135	390	314	829	550	138	201	118	192	61		
Average Queue (ft)	26	219	123	324	81	49	98	56	86	22		
95th Queue (ft)	101	361	289	698	376	103	169	100	153	51		
Link Distance (ft)		2526		2572	2572		765		508			
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	160		250			75		150		150		
Storage Blk Time (%)		18	0	18		4	17	0	1			
Queuing Penalty (veh)		6	0	20		9	13	0	1			

Intersection: 18: State St & Esplanade Ave

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	T	TR	L	T	TR
Maximum Queue (ft)	145	238	252	195	431	421	154	294	308	150	387	364
Average Queue (ft)	82	138	156	137	268	252	71	171	166	136	216	209
95th Queue (ft)	149	220	236	235	397	374	151	259	259	171	376	346
Link Distance (ft)		2572	2572		1477	1477		1199	1199		2560	2560
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	100			140			105			100		
Storage Blk Time (%)	7	22		5	39		1	27		41	18	
Queuing Penalty (veh)	21	24		18	51		2	18		136	44	

Intersection: 19: Cawston Ave & Eaton Ave

Movement	WB	WB	NB	NB	SB	SB	SB
Directions Served	L	R	T	TR	L	T	T
Maximum Queue (ft)	45	57	67	63	58	69	76
Average Queue (ft)	19	26	40	37	30	41	45
95th Queue (ft)	43	48	61	56	52	62	68
Link Distance (ft)	1756		1246	1246		2579	2579
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)		50			105		
Storage Blk Time (%)	0	0					
Queuing Penalty (veh)	0	0					

Intersection: 20: Cawston Ave & Coriander Dr/Fruitvale Ave

Movement	EB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	LTR	LT	R	L	T	TR	L	T	TR
Maximum Queue (ft)	30	58	52	33	67	81	50	59	70
Average Queue (ft)	7	26	22	7	40	40	22	30	33
95th Queue (ft)	27	50	49	27	60	65	41	49	57
Link Distance (ft)	670	1254			1280	1280		1246	1246
Upstream Blk Time (%)									
Queuing Penalty (veh)									
Storage Bay Dist (ft)			50	150			58		
Storage Blk Time (%)		0	0				0	0	
Queuing Penalty (veh)		0	0				0	0	

Network Summary

Network wide Queuing Penalty: 1203

Intersection: 1: Sanderson Ave & Ramona Expy

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	29.5	26.5	7.5	28.5	7.5	48.5	19.5	16.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	9.3	6.7	7.0	-8.7	7.4	8.7	-1.0	-3.6
g/C Ratio	1.36	0.97	0.77	-1.27	1.04	1.27	-0.14	-0.53
Cycles Skipped (%)	0	0	25	0	3	0	0	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	91	94	38	94	78	97	81	88
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 6.9
Number of Complete Cycles : 32

Intersection: 2: Sanderson Ave & Ramona Blvd

Phase	1	2	3	6	8
Movement(s) Served	SBL	NBT	NWL	SBT	NWR
Maximum Green (s)	18.5	55.5	22.5	78.5	22.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	Min	None
Avg. Green (s)	0.7	-2.1	7.5	5.3	7.2
g/C Ratio	0.16	-0.53	0.98	0.86	1.19
Cycles Skipped (%)	9	0	48	35	34
Cycles @ Minimum (%)	0	0	0	0	9
Cycles Maxed Out (%)	14	5	0	17	0
Cycles with Peds (%)	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 4.0
Number of Complete Cycles : 64

Intersection: 4: Sanderson Ave & Cottonwood Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	8.5	40.5	11.5	31.5	8.5	40.5	12.5	30.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	-6.3	1.5	-8.1	0.8	6.8	-6.2	-8.2	0.9
g/C Ratio	-1.16	0.28	-1.29	0.15	0.66	-1.15	-1.30	0.17
Cycles Skipped (%)	2	0	15	2	48	0	15	4
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	76	11	11	2	7	46	7	0
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary
Average Cycle Length (s): 5.3
Number of Complete Cycles : 46

Intersection: 7: Sanderson Ave & 7th St

Phase	2	4	6	8
Movement(s) Served	NBTL	EBTL	SBTL	WBTL
Maximum Green (s)	61.5	39.5	61.5	39.5
Minimum Green (s)	5.0	5.0	5.0	5.0
Recall	Min	None	Min	None
Avg. Green (s)	2.4	-5.5	2.4	-5.5
g/C Ratio	0.46	-1.04	0.46	-1.04
Cycles Skipped (%)	0	0	0	0
Cycles @ Minimum (%)	0	0	0	0
Cycles Maxed Out (%)	23	6	23	6
Cycles with Peds (%)	0	0	0	0

Controller Summary
Average Cycle Length (s): 5.3
Number of Complete Cycles : 46

Intersection: 11: State St & 7th St

Phase	1	2	4	5	6	8
Movement(s) Served	SBL	NBT	EBTL	NBL	SBT	WBTL
Maximum Green (s)	15.5	39.5	41.5	9.5	45.5	41.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	Min	None
Avg. Green (s)	-7.8	0.4	1.7	7.8	5.6	1.7
g/C Ratio	-1.16	0.06	0.27	0.96	0.86	0.27
Cycles Skipped (%)	3	0	0	19	0	0
Cycles @ Minimum (%)	0	0	0	0	0	0
Cycles Maxed Out (%)	17	49	58	28	51	58
Cycles with Peds (%)	0	0	0	0	0	0

Controller Summary
Average Cycle Length (s): 6.6
Number of Complete Cycles : 35

Intersection: 13: Cawston Ave & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	10.5	24.5	14.5	42.5	10.5	24.5	9.5	47.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	None	None	Min	None	None	None	Min
Avg. Green (s)	9.0	-0.7	7.7	-4.3	-2.5	3.1	7.0	-3.9
g/C Ratio	0.74	-0.16	1.08	-1.00	-0.52	0.64	0.99	-0.92
Cycles Skipped (%)	65	5	40	0	12	13	40	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	2
Cycles Maxed Out (%)	5	40	0	0	43	10	8	0
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary
Average Cycle Length (s): 4.3
Number of Complete Cycles : 60

Intersection: 14: Sanderson Ave & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	16.5	35.5	16.5	23.5	11.5	40.5	14.5	25.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	-6.2	-0.1	-6.9	3.0	8.2	5.7	-9.8	5.5
g/C Ratio	-0.89	-0.01	-0.97	0.43	0.98	0.84	-1.29	0.81
Cycles Skipped (%)	3	0	5	3	19	0	11	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	22	70	14	41	14	65	11	39
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 6.8

Number of Complete Cycles : 36

Intersection: 16: Lyon Ave & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	7.5	23.5	13.5	47.5	5.5	25.5	5.5	55.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	None	None	Min	None	None	None	Min
Avg. Green (s)	7.4	2.6	8.9	7.5	6.2	5.3	5.5	-1.7
g/C Ratio	0.91	0.43	1.28	1.30	0.57	0.91	0.43	-0.30
Cycles Skipped (%)	29	2	17	0	46	0	55	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	38	24	7	26	54	29	40	46
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 5.8

Number of Complete Cycles : 41

Intersection: 17: Palm Ave & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	6.5	43.5	8.5	33.5	7.5	42.5	8.5	33.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	6.3	4.5	-8.4	2.4	7.0	4.4	6.9	-5.6
g/C Ratio	0.86	0.79	-1.28	0.42	0.91	0.78	0.49	-0.99
Cycles Skipped (%)	22	0	13	2	27	0	60	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	49	0	47	57	44	0	4	89
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary
Average Cycle Length (s): 5.7
Number of Complete Cycles : 45

Intersection: 18: State St & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	21.5	25.5	15.5	29.5	8.5	38.5	15.5	29.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	-1.1	8.0	-8.4	-8.1	7.5	1.5	10.3	-5.7
g/C Ratio	-0.17	1.22	-1.25	-1.24	0.94	0.23	1.38	-0.87
Cycles Skipped (%)	0	0	3	0	18	0	12	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	34	82	21	65	32	74	9	97
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary
Average Cycle Length (s): 6.5
Number of Complete Cycles : 34

Appendix E - SimTraffic Reports – Opening Year Plus Project Operations

Summary of All Intervals

Run Number	1	2	3	4	5	6	7
Start Time	7:25	7:25	7:25	7:25	7:25	7:25	7:25
End Time	8:30	8:30	8:30	8:30	8:30	8:30	8:30
Total Time (min)	65	65	65	65	65	65	65
Time Recorded (min)	60	60	60	60	60	60	60
# of Intervals	2	2	2	2	2	2	2
# of Recorded Intervals	1	1	1	1	1	1	1
Vehs Entered	15469	15547	15327	15466	15223	15405	15540
Vehs Exited	15171	15323	15033	15133	15054	15068	15350
Starting Vehs	641	597	602	605	640	585	598
Ending Vehs	939	821	896	938	809	922	788
Denied Entry Before	5	4	2	3	1	1	1
Denied Entry After	26	26	40	40	15	32	22
Travel Distance (mi)	18482	18478	18308	18378	18199	18277	18584
Travel Time (hr)	813.6	769.5	830.2	811.6	751.9	794.1	796.7
Total Delay (hr)	381.2	336.5	400.5	380.3	325.4	365.0	360.5
Total Stops	28739	28554	28160	28179	27855	28220	28686
Fuel Used (gal)	748.9	740.8	745.2	746.3	726.1	737.9	750.0

Summary of All Intervals

Run Number	8	9	10	Avg
Start Time	7:25	7:25	7:25	7:25
End Time	8:30	8:30	8:30	8:30
Total Time (min)	65	65	65	65
Time Recorded (min)	60	60	60	60
# of Intervals	2	2	2	2
# of Recorded Intervals	1	1	1	1
Vehs Entered	15353	15413	15654	15429
Vehs Exited	15070	15261	15389	15184
Starting Vehs	581	634	572	594
Ending Vehs	864	786	837	838
Denied Entry Before	3	3	1	0
Denied Entry After	27	16	7	22
Travel Distance (mi)	18213	18406	18470	18380
Travel Time (hr)	784.7	749.9	781.6	788.4
Total Delay (hr)	357.5	318.8	349.3	357.5
Total Stops	28424	27947	28295	28305
Fuel Used (gal)	735.4	734.1	742.5	740.7

Interval #0 Information Seeding

Start Time	7:25
End Time	7:30
Total Time (min)	5

Volumes adjusted by Growth Factors.

No data recorded this interval.

Interval #1 Information Recording

Start Time	7:30
End Time	8:30
Total Time (min)	60

Volumes adjusted by Growth Factors.

Run Number	1	2	3	4	5	6	7
Vehs Entered	15469	15547	15327	15466	15223	15405	15540
Vehs Exited	15171	15323	15033	15133	15054	15068	15350
Starting Vehs	641	597	602	605	640	585	598
Ending Vehs	939	821	896	938	809	922	788
Denied Entry Before	5	4	2	3	1	1	1
Denied Entry After	26	26	40	40	15	32	22
Travel Distance (mi)	18482	18478	18308	18378	18199	18277	18584
Travel Time (hr)	813.6	769.5	830.2	811.6	751.9	794.1	796.7
Total Delay (hr)	381.2	336.5	400.5	380.3	325.4	365.0	360.5
Total Stops	28739	28554	28160	28179	27855	28220	28686
Fuel Used (gal)	748.9	740.8	745.2	746.3	726.1	737.9	750.0

Interval #1 Information Recording

Start Time	7:30
End Time	8:30
Total Time (min)	60

Volumes adjusted by Growth Factors.

Run Number	8	9	10	Avg
Vehs Entered	15353	15413	15654	15429
Vehs Exited	15070	15261	15389	15184
Starting Vehs	581	634	572	594
Ending Vehs	864	786	837	838
Denied Entry Before	3	3	1	0
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Total Delay (hr)	357.5	318.8	349.3	357.5
Total Stops	28424	27947	28295	28305
Fuel Used (gal)	735.4	734.1	742.5	740.7

1: Sanderson Ave & Ramona Expy Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.4	0.0	0.1	0.0	0.1	0.4	0.0	0.0	0.0	0.3	0.1	0.2
Denied Del/Veh (s)	2.7	0.4	2.5	2.1	0.5	2.1	0.0	0.0	0.0	1.9	0.6	1.8
Total Delay (hr)	16.8	3.3	0.2	0.7	7.2	33.4	2.8	18.6	0.1	9.1	4.2	1.1
Total Del/Veh (s)	118.1	34.7	7.9	53.2	60.9	184.0	59.1	61.7	8.5	57.2	24.2	12.3
Stop Delay (hr)	15.0	2.2	0.1	0.6	4.9	27.5	2.4	13.0	0.1	7.3	2.3	0.6
Stop Del/Veh (s)	105.4	23.3	4.9	46.8	42.0	151.7	49.7	43.0	7.0	46.1	13.1	7.1
Total Stops	650	219	55	45	430	717	167	1048	34	540	301	168
Stop/Veh	1.27	0.64	0.60	0.94	1.01	1.10	0.97	0.96	0.63	0.94	0.49	0.51
Travel Dist (mi)	186.5	126.5	33.9	22.9	206.9	309.7	30.3	191.5	9.7	265.3	289.9	153.5
Travel Time (hr)	21.0	5.3	1.0	1.2	10.4	40.1	3.7	22.4	0.4	14.9	9.2	4.6
Vehicles Entered	498	336	90	46	414	635	170	1073	54	561	613	324
Vehicles Exited	486	336	90	47	411	591	169	1062	54	561	612	325
Hourly Exit Rate	486	336	90	47	411	591	169	1062	54	561	612	325
Input Volume	495	344	93	47	407	631	173	1073	56	550	618	323
% of Volume	98	98	97	100	101	94	98	99	96	102	99	101
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	1	0	0	0	0	0	0

1: Sanderson Ave & Ramona Expy Performance by movement

Movement	All
Denied Delay (hr)	1.5
Denied Del/Veh (s)	1.1
Total Delay (hr)	97.6
Total Del/Veh (s)	71.6
Stop Delay (hr)	76.1
Stop Del/Veh (s)	55.9
Total Stops	4374
Stop/Veh	0.89
Travel Dist (mi)	1826.6
Travel Time (hr)	134.1
Vehicles Entered	4814
Vehicles Exited	4744
Hourly Exit Rate	4744
Input Volume	4810
% of Volume	99
Denied Entry Before	0
Denied Entry After	1

2: Sanderson Ave & Ramona Blvd Performance by movement

Movement	NBT	NBR	SBL	SBT	NWL	NWR	All
Denied Delay (hr)	0.1	0.0	0.0	0.0	0.0	0.1	0.2
Denied Del/Veh (s)	0.3	2.4	0.0	0.0	0.3	2.0	0.4
Total Delay (hr)	3.4	0.0	0.8	1.3	0.6	0.3	6.5
Total Del/Veh (s)	10.6	2.7	30.0	7.3	28.1	8.2	10.7
Stop Delay (hr)	1.1	0.0	0.7	0.2	0.5	0.3	2.7
Stop Del/Veh (s)	3.3	1.3	24.1	0.9	24.9	6.3	4.4
Total Stops	314	14	83	76	65	125	677
Stop/Veh	0.27	0.30	0.84	0.11	0.88	0.86	0.31
Travel Dist (mi)	211.8	8.4	18.0	121.7	32.0	63.9	455.9
Travel Time (hr)	7.4	0.3	1.3	3.8	1.4	2.1	16.2
Vehicles Entered	1153	46	97	655	73	144	2168
Vehicles Exited	1152	46	96	657	72	144	2167
Hourly Exit Rate	1152	46	96	657	72	144	2167
Input Volume	1161	44	99	663	74	140	2181
% of Volume	99	105	97	99	97	103	99
Denied Entry Before	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0

3: Cawston Ave & Cottonwood Ave Performance by movement

Movement	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	All
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
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.6	0.2	0.2	0.1
Total Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.2	0.8
Total Del/Veh (s)	0.7	0.1	2.7	1.7	1.1	10.4	10.6	3.4	9.5	11.0	3.3
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.4
Stop Del/Veh (s)	0.0	0.0	0.8	0.0	0.0	8.4	6.2	2.8	7.2	7.2	1.8
Total Stops	0	0	16	0	0	50	24	91	34	66	281
Stop/Veh	0.00	0.00	0.26	0.00	0.00	1.00	1.00	1.00	1.00	1.00	0.32
Travel Dist (mi)	42.3	4.5	23.6	86.6	5.3	6.5	3.1	12.0	4.4	8.5	196.8
Travel Time (hr)	0.9	0.1	0.6	1.9	0.1	0.4	0.2	0.5	0.3	0.5	5.4
Vehicles Entered	268	28	62	245	14	50	24	91	34	66	882
Vehicles Exited	268	28	62	245	14	50	24	90	34	66	881
Hourly Exit Rate	268	28	62	245	14	50	24	90	34	66	881
Input Volume	267	28	61	241	12	54	22	90	35	65	875
% of Volume	100	100	102	102	117	93	109	100	97	102	101
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0

4: Sanderson Ave & Cottonwood Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Denied Del/Veh (s)	0.0	0.0	0.9	3.3	0.4	0.2	0.1	0.0	0.1	2.8	0.3	2.8
Total Delay (hr)	1.3	1.9	0.1	0.7	1.4	0.5	0.6	5.1	0.2	0.6	3.0	0.1
Total Del/Veh (s)	32.8	23.4	5.3	34.7	27.9	10.8	41.7	21.2	8.9	37.5	15.9	3.4
Stop Delay (hr)	1.2	1.5	0.1	0.7	1.1	0.5	0.5	2.5	0.0	0.6	1.9	0.0
Stop Del/Veh (s)	30.6	18.2	5.0	32.1	20.8	9.5	35.6	10.5	2.7	34.4	9.7	1.7
Total Stops	125	196	39	67	132	126	46	434	31	56	325	45
Stop/Veh	0.86	0.67	0.65	0.87	0.71	0.74	0.94	0.50	0.49	0.92	0.47	0.50
Travel Dist (mi)	13.7	27.9	5.7	18.7	45.6	42.0	23.8	420.9	30.8	10.4	118.2	15.5
Travel Time (hr)	1.8	2.5	0.3	1.3	2.5	1.7	1.2	14.8	0.9	1.0	5.7	0.6
Vehicles Entered	145	292	59	76	184	170	48	854	62	60	679	89
Vehicles Exited	144	291	59	76	184	170	48	850	62	60	680	89
Hourly Exit Rate	144	291	59	76	184	170	48	850	62	60	680	89
Input Volume	148	293	61	80	184	167	47	869	61	60	668	83
% of Volume	97	99	97	95	100	102	102	98	102	100	102	107
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

4: Sanderson Ave & Cottonwood Ave Performance by movement

Movement	All
Denied Delay (hr)	0.3
Denied Del/Veh (s)	0.4
Total Delay (hr)	15.6
Total Del/Veh (s)	20.4
Stop Delay (hr)	10.5
Stop Del/Veh (s)	13.8
Total Stops	1622
Stop/Veh	0.59
Travel Dist (mi)	773.1
Travel Time (hr)	34.4
Vehicles Entered	2718
Vehicles Exited	2713
Hourly Exit Rate	2713
Input Volume	2721
% of Volume	100
Denied Entry Before	0
Denied Entry After	0

5: North Driveway/Karpick St & 7th St Performance by movement

Movement	EBL	EBT	WBL	WBT	WBR	NBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	2.9	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1
Total Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2
Total Del/Veh (s)	1.1	0.3	3.8	2.3	2.2	3.2	4.6	2.1	2.5
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
Stop Del/Veh (s)	0.1	0.0	0.6	0.5	0.5	2.6	3.3	2.0	1.3
Total Stops	0	0	2	0	0	85	34	2	123
Stop/Veh	0.00	0.00	0.07	0.00	0.00	0.99	1.00	1.00	0.41
Travel Dist (mi)	0.1	7.1	3.2	6.5	2.9	4.8	0.9	0.0	25.5
Travel Time (hr)	0.0	0.2	0.1	0.2	0.1	0.3	0.1	0.0	1.1
Vehicles Entered	2	75	26	55	24	85	34	2	303
Vehicles Exited	2	75	26	55	24	85	34	2	303
Hourly Exit Rate	2	75	26	55	24	85	34	2	303
Input Volume	2	81	27	58	25	82	35	1	311
% of Volume	100	93	96	95	96	104	97	200	97
Denied Entry Before	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0

6: Cawston Ave & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Delay (hr)	0.0	0.4	0.1	0.3	0.2	0.0	0.0	0.3	0.1	0.1	0.4	0.0
Total Del/Veh (s)	6.4	9.5	5.2	7.6	7.9	2.8	7.3	9.7	6.1	8.0	10.1	2.1
Stop Delay (hr)	0.0	0.2	0.0	0.2	0.1	0.0	0.0	0.1	0.1	0.1	0.2	0.0
Stop Del/Veh (s)	4.3	4.8	4.7	4.8	3.6	2.6	4.4	4.6	4.6	5.3	4.9	2.5
Total Stops	15	144	35	155	68	38	16	89	77	65	153	19
Stop/Veh	1.00	0.97	0.97	0.99	0.97	1.00	1.00	0.94	1.00	0.98	0.99	1.00
Travel Dist (mi)	1.8	17.3	4.2	33.9	15.1	8.2	4.1	23.4	19.5	12.8	30.8	3.9
Travel Time (hr)	0.1	1.0	0.2	1.4	0.6	0.3	0.2	0.9	0.8	0.6	1.3	0.1
Vehicles Entered	15	147	36	155	70	38	16	94	76	65	154	19
Vehicles Exited	15	146	35	155	70	38	16	94	77	65	153	19
Hourly Exit Rate	15	146	35	155	70	38	16	94	77	65	153	19
Input Volume	15	148	37	162	73	39	17	95	76	65	154	19
% of Volume	100	99	95	96	96	97	94	99	101	100	99	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

6: Cawston Ave & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.0
Total Delay (hr)	2.0
Total Del/Veh (s)	8.1
Stop Delay (hr)	1.1
Stop Del/Veh (s)	4.6
Total Stops	874
Stop/Veh	0.98
Travel Dist (mi)	175.0
Travel Time (hr)	7.5
Vehicles Entered	885
Vehicles Exited	883
Hourly Exit Rate	883
Input Volume	900
% of Volume	98
Denied Entry Before	0
Denied Entry After	0

7: Sanderson Ave & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.4	0.0	0.0	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.4	0.6	0.1	1.3	0.5	0.1	0.2	4.5	0.4	0.8	3.0	0.1
Total Del/Veh (s)	16.4	12.2	6.4	21.5	10.4	4.5	30.3	19.5	18.1	41.6	15.0	7.1
Stop Delay (hr)	0.4	0.3	0.0	1.1	0.3	0.1	0.2	1.5	0.2	0.6	1.0	0.0
Stop Del/Veh (s)	13.1	6.2	4.9	17.9	5.5	4.0	21.8	6.6	7.6	34.6	4.9	2.4
Total Stops	78	94	18	192	86	47	23	402	52	62	294	27
Stop/Veh	0.80	0.51	0.51	0.86	0.47	0.52	0.88	0.49	0.66	0.93	0.41	0.51
Travel Dist (mi)	24.7	47.6	9.0	25.2	21.0	10.3	12.6	395.9	38.9	32.9	345.5	26.5
Travel Time (hr)	1.1	1.7	0.3	2.2	1.0	0.4	0.5	12.8	1.3	1.5	10.2	0.7
Vehicles Entered	96	184	35	221	182	90	25	812	77	65	698	53
Vehicles Exited	96	185	35	220	181	90	25	809	77	66	697	53
Hourly Exit Rate	96	185	35	220	181	90	25	809	77	66	697	53
Input Volume	98	184	34	222	191	91	26	820	83	66	690	53
% of Volume	98	101	103	99	95	99	96	99	93	100	101	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

7: Sanderson Ave & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.1
Total Delay (hr)	12.0
Total Del/Veh (s)	16.8
Stop Delay (hr)	5.7
Stop Del/Veh (s)	7.9
Total Stops	1375
Stop/Veh	0.53
Travel Dist (mi)	990.2
Travel Time (hr)	33.9
Vehicles Entered	2538
Vehicles Exited	2534
Hourly Exit Rate	2534
Input Volume	2558
% of Volume	99
Denied Entry Before	0
Denied Entry After	0

8: Kirby St & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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)	0.2	0.1	1.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.2	3.6
Total Delay (hr)	0.0	2.1	0.1	0.4	1.6	0.1	0.1	0.6	0.1	0.1	0.4	0.0
Total Del/Veh (s)	16.5	19.9	6.8	13.2	17.0	11.2	11.5	14.2	7.8	10.4	13.0	5.1
Stop Delay (hr)	0.0	1.2	0.0	0.2	0.6	0.0	0.0	0.2	0.1	0.1	0.2	0.0
Stop Del/Veh (s)	11.8	11.5	3.7	6.1	6.0	5.7	6.6	6.3	5.0	7.4	6.7	3.5
Total Stops	10	370	29	94	329	28	22	140	65	49	124	20
Stop/Veh	1.00	0.99	1.04	0.98	0.95	1.00	0.96	0.99	0.97	1.00	1.00	1.00
Travel Dist (mi)	3.3	120.9	9.1	46.8	167.2	13.7	10.9	67.5	31.6	5.7	14.5	2.3
Travel Time (hr)	0.1	4.8	0.3	1.5	5.5	0.4	0.4	2.3	1.0	0.3	0.8	0.1
Vehicles Entered	10	370	28	94	343	28	22	140	66	49	123	20
Vehicles Exited	10	370	28	94	344	28	22	140	65	49	124	20
Hourly Exit Rate	10	370	28	94	344	28	22	140	65	49	124	20
Input Volume	9	376	29	97	352	27	25	141	69	53	126	19
% of Volume	111	98	97	97	98	104	88	99	94	92	98	105
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

8: Kirby St & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.2
Total Delay (hr)	5.7
Total Del/Veh (s)	15.6
Stop Delay (hr)	2.8
Stop Del/Veh (s)	7.7
Total Stops	1280
Stop/Veh	0.98
Travel Dist (mi)	493.6
Travel Time (hr)	17.7
Vehicles Entered	1293
Vehicles Exited	1294
Hourly Exit Rate	1294
Input Volume	1323
% of Volume	98
Denied Entry Before	0
Denied Entry After	0

9: Lyon Ave & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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)	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	3.7	0.3	0.1
Total Delay (hr)	0.2	4.0	0.2	1.0	7.7	1.2	0.2	0.9	0.1	0.1	0.8	0.0
Total Del/Veh (s)	17.2	32.0	26.1	66.4	68.5	67.9	14.1	17.7	6.7	9.1	15.9	4.0
Stop Delay (hr)	0.1	2.6	0.2	1.0	6.7	1.1	0.1	0.5	0.1	0.1	0.4	0.0
Stop Del/Veh (s)	8.2	21.0	20.8	61.1	59.2	64.3	10.8	9.9	4.9	6.3	8.2	4.1
Total Stops	45	442	28	55	401	62	44	183	44	32	191	26
Stop/Veh	1.10	0.98	1.00	0.98	0.99	0.98	1.00	0.99	1.00	1.00	0.99	1.00
Travel Dist (mi)	19.6	213.5	13.6	26.2	191.5	29.5	8.5	35.2	8.4	2.6	15.6	2.1
Travel Time (hr)	0.7	8.9	0.6	1.7	12.1	2.0	0.4	1.6	0.3	0.2	1.2	0.1
Vehicles Entered	40	442	28	55	403	62	44	182	44	32	192	26
Vehicles Exited	40	441	28	54	395	60	44	183	44	31	191	26
Hourly Exit Rate	40	441	28	54	395	60	44	183	44	31	191	26
Input Volume	38	461	27	57	404	60	47	185	46	33	195	25
% of Volume	105	96	104	95	98	100	94	99	96	94	98	104
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

9: Lyon Ave & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.1
Total Delay (hr)	16.5
Total Del/Veh (s)	37.9
Stop Delay (hr)	12.9
Stop Del/Veh (s)	29.6
Total Stops	1553
Stop/Veh	0.99
Travel Dist (mi)	566.4
Travel Time (hr)	29.8
Vehicles Entered	1550
Vehicles Exited	1537
Hourly Exit Rate	1537
Input Volume	1578
% of Volume	97
Denied Entry Before	0
Denied Entry After	0

10: Palm Ave & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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)	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3
Total Delay (hr)	0.3	3.9	0.2	0.2	2.6	0.2	0.1	0.6	0.2	0.1	0.7	0.2
Total Del/Veh (s)	17.4	28.1	22.1	12.8	23.4	18.2	13.7	10.1	10.4	12.1	14.7	9.0
Stop Delay (hr)	0.1	2.3	0.1	0.1	1.7	0.1	0.1	0.3	0.1	0.1	0.4	0.1
Stop Del/Veh (s)	7.5	16.3	15.7	6.8	15.3	15.5	9.7	5.5	8.0	9.0	8.6	7.4
Total Stops	67	489	24	66	391	34	22	134	61	44	164	68
Stop/Veh	1.14	0.98	0.96	1.08	0.99	1.00	1.00	0.59	1.00	1.00	0.99	0.99
Travel Dist (mi)	27.7	232.0	11.6	7.5	48.5	4.1	8.5	70.4	23.5	2.9	10.9	4.5
Travel Time (hr)	1.0	9.2	0.5	0.4	3.7	0.3	0.3	2.4	0.8	0.3	1.0	0.4
Vehicles Entered	59	490	24	60	392	33	22	225	60	44	164	68
Vehicles Exited	58	487	24	61	390	34	22	224	61	44	165	68
Hourly Exit Rate	58	487	24	61	390	34	22	224	61	44	165	68
Input Volume	61	509	23	65	391	34	24	236	59	46	165	65
% of Volume	95	96	104	94	100	100	92	95	103	96	100	105
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

10: Palm Ave & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.1
Total Delay (hr)	9.2
Total Del/Veh (s)	19.9
Stop Delay (hr)	5.6
Stop Del/Veh (s)	12.2
Total Stops	1564
Stop/Veh	0.94
Travel Dist (mi)	452.1
Travel Time (hr)	20.2
Vehicles Entered	1641
Vehicles Exited	1638
Hourly Exit Rate	1638
Input Volume	1678
% of Volume	98
Denied Entry Before	0
Denied Entry After	0

11: State St & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Denied Del/Veh (s)	0.1	0.0	0.0	3.2	0.4	0.2	0.0	0.0	0.0	2.8	0.3	0.3
Total Delay (hr)	1.1	2.5	0.2	0.7	2.2	0.1	0.6	4.1	0.4	0.8	4.0	0.3
Total Del/Veh (s)	37.0	21.8	7.3	38.9	21.3	5.0	52.8	22.6	19.7	44.8	20.3	12.2
Stop Delay (hr)	0.9	1.6	0.1	0.6	1.4	0.1	0.5	2.3	0.2	0.8	2.5	0.2
Stop Del/Veh (s)	31.2	13.9	4.2	33.9	13.5	4.3	44.7	12.6	12.4	40.1	12.8	9.6
Total Stops	105	230	43	63	197	54	43	322	40	67	381	49
Stop/Veh	0.97	0.55	0.54	0.98	0.54	0.57	1.00	0.50	0.58	0.99	0.54	0.56
Travel Dist (mi)	39.8	154.0	29.2	8.6	49.2	12.9	21.1	310.0	34.1	6.3	66.1	8.2
Travel Time (hr)	2.1	6.0	0.9	1.0	3.3	0.5	1.2	11.4	1.3	1.1	5.5	0.6
Vehicles Entered	107	413	78	63	359	94	42	637	68	67	696	87
Vehicles Exited	106	411	78	63	360	95	41	636	68	67	697	87
Hourly Exit Rate	106	411	78	63	360	95	41	636	68	67	697	87
Input Volume	115	424	82	62	359	95	44	649	67	73	706	87
% of Volume	92	97	95	102	100	100	93	98	101	92	99	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

11: State St & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.3
Total Delay (hr)	16.9
Total Del/Veh (s)	22.2
Stop Delay (hr)	11.2
Stop Del/Veh (s)	14.7
Total Stops	1594
Stop/Veh	0.58
Travel Dist (mi)	739.4
Travel Time (hr)	34.9
Vehicles Entered	2711
Vehicles Exited	2709
Hourly Exit Rate	2709
Input Volume	2763
% of Volume	98
Denied Entry Before	0
Denied Entry After	0

12: Warren Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.2	0.1	0.3	0.0	0.0	0.0	0.1	0.5	0.5	0.4	0.4	0.4
Total Delay (hr)	0.0	0.1	0.0	0.3	0.2	0.2	0.0	3.3	0.7	0.2	2.0	0.1
Total Del/Veh (s)	6.5	12.0	4.7	8.4	5.7	6.7	13.0	27.0	18.9	16.1	19.7	11.3
Stop Delay (hr)	0.0	0.1	0.0	0.2	0.1	0.1	0.0	1.8	0.5	0.1	0.8	0.0
Stop Del/Veh (s)	4.8	5.5	4.6	5.4	2.2	5.1	7.7	14.8	13.9	9.9	8.2	6.6
Total Stops	24	42	2	138	42	98	1	439	129	53	355	15
Stop/Veh	0.96	1.00	1.00	0.98	0.39	0.99	1.00	0.99	0.98	0.98	0.99	0.94
Travel Dist (mi)	3.1	5.3	0.3	117.6	63.2	83.1	0.2	95.1	28.1	12.0	79.6	3.4
Travel Time (hr)	0.1	0.2	0.0	2.9	1.5	2.0	0.0	5.1	1.5	0.5	3.5	0.1
Vehicles Entered	24	42	2	140	106	98	1	438	130	53	354	15
Vehicles Exited	24	42	2	138	105	98	1	439	129	53	355	15
Hourly Exit Rate	24	42	2	138	105	98	1	439	129	53	355	15
Input Volume	25	43	2	140	113	98	1	445	135	52	347	14
% of Volume	96	98	100	99	93	100	100	99	96	102	102	107
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

12: Warren Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.3
Total Delay (hr)	7.1
Total Del/Veh (s)	18.2
Stop Delay (hr)	3.8
Stop Del/Veh (s)	9.8
Total Stops	1338
Stop/Veh	0.94
Travel Dist (mi)	491.1
Travel Time (hr)	17.5
Vehicles Entered	1403
Vehicles Exited	1401
Hourly Exit Rate	1401
Input Volume	1415
% of Volume	99
Denied Entry Before	0
Denied Entry After	0

13: Cawston Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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)	0.1	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	1.9	0.8	1.5	1.1	0.1	0.8	0.9	0.1	0.6	1.9	0.3
Total Del/Veh (s)	34.6	19.5	11.8	35.3	15.7	9.5	35.5	7.6	6.2	30.5	26.5	18.3
Stop Delay (hr)	0.5	1.2	0.6	1.2	0.6	0.0	0.7	0.6	0.1	0.6	1.5	0.3
Stop Del/Veh (s)	31.8	13.1	8.5	28.8	8.7	5.6	30.9	4.9	4.1	28.4	20.2	15.2
Total Stops	51	196	156	129	106	15	74	70	56	60	186	51
Stop/Veh	0.91	0.57	0.66	0.87	0.44	0.56	0.89	0.16	0.72	0.85	0.71	0.77
Travel Dist (mi)	9.8	60.9	42.3	72.4	110.2	13.1	40.6	136.3	38.3	17.2	63.3	15.9
Travel Time (hr)	0.8	3.2	2.1	3.2	3.5	0.4	2.1	5.1	1.3	1.2	3.8	0.9
Vehicles Entered	55	338	235	146	241	27	82	436	77	70	259	65
Vehicles Exited	55	337	235	144	240	26	82	436	77	70	259	65
Hourly Exit Rate	55	337	235	144	240	26	82	436	77	70	259	65
Input Volume	57	339	236	150	243	28	83	432	78	71	263	70
% of Volume	96	99	100	96	99	93	99	101	99	99	98	93
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

13: Cawston Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.0
Total Delay (hr)	10.5
Total Del/Veh (s)	18.4
Stop Delay (hr)	7.8
Stop Del/Veh (s)	13.7
Total Stops	1150
Stop/Veh	0.56
Travel Dist (mi)	620.5
Travel Time (hr)	27.4
Vehicles Entered	2031
Vehicles Exited	2026
Hourly Exit Rate	2026
Input Volume	2050
% of Volume	99
Denied Entry Before	0
Denied Entry After	0

14: Sanderson Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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	2.8	0.2	0.3	0.0	0.0	0.0
Total Delay (hr)	1.7	3.6	0.3	1.4	2.6	0.1	0.9	5.7	0.8	2.2	4.6	0.2
Total Del/Veh (s)	47.9	43.7	17.4	44.5	31.0	5.3	47.9	28.4	20.1	52.1	23.4	9.7
Stop Delay (hr)	1.4	2.8	0.2	1.3	2.1	0.1	0.8	3.8	0.6	1.9	2.5	0.1
Stop Del/Veh (s)	40.4	33.8	11.2	39.9	24.6	5.2	43.4	19.1	15.6	43.9	12.9	2.9
Total Stops	116	245	72	104	206	56	60	461	92	137	348	37
Stop/Veh	0.92	0.82	1.01	0.91	0.68	0.71	0.92	0.64	0.67	0.90	0.49	0.47
Travel Dist (mi)	61.4	146.4	34.9	36.3	92.2	25.2	10.4	116.2	22.2	75.0	342.8	38.7
Travel Time (hr)	3.1	6.8	1.2	2.4	4.9	0.8	1.2	8.3	1.5	4.0	11.9	1.1
Vehicles Entered	123	295	70	112	297	78	64	714	136	150	703	77
Vehicles Exited	123	292	70	112	295	78	64	713	136	147	700	77
Hourly Exit Rate	123	292	70	112	295	78	64	713	136	147	700	77
Input Volume	128	294	71	116	300	77	67	724	133	151	695	77
% of Volume	96	99	99	97	98	101	96	98	102	97	101	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

14: Sanderson Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.1
Total Delay (hr)	24.2
Total Del/Veh (s)	30.5
Stop Delay (hr)	17.6
Stop Del/Veh (s)	22.1
Total Stops	1934
Stop/Veh	0.68
Travel Dist (mi)	1001.8
Travel Time (hr)	47.4
Vehicles Entered	2819
Vehicles Exited	2807
Hourly Exit Rate	2807
Input Volume	2833
% of Volume	99
Denied Entry Before	0
Denied Entry After	0

15: Kirby St & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.1	7.2	0.8	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Denied Del/Veh (s)	20.4	52.1	63.7	0.0	0.0	0.0	0.4	0.5	3.6	0.0	0.1	0.9
Total Delay (hr)	1.2	23.0	2.1	0.8	5.3	0.3	0.2	0.7	0.1	0.2	1.1	0.1
Total Del/Veh (s)	166.9	172.3	164.2	47.4	49.8	43.8	14.2	15.8	6.7	16.2	18.4	9.4
Stop Delay (hr)	1.2	23.4	2.2	0.6	4.1	0.2	0.2	0.4	0.1	0.2	0.6	0.1
Stop Del/Veh (s)	173.9	175.2	173.3	40.2	38.9	38.6	10.7	9.3	5.2	11.4	10.8	5.7
Total Stops	15	286	27	57	375	22	61	168	76	51	210	55
Stop/Veh	0.60	0.60	0.59	0.98	0.98	0.96	0.98	0.99	0.99	1.00	0.99	1.00
Travel Dist (mi)	4.0	77.5	7.4	28.7	189.5	11.1	10.5	28.7	13.0	22.8	93.4	23.9
Travel Time (hr)	1.4	31.7	3.2	1.5	9.6	0.6	0.6	1.5	0.6	0.9	3.5	0.8
Vehicles Entered	25	475	46	57	377	22	61	168	76	50	210	54
Vehicles Exited	23	447	43	56	373	22	61	167	76	50	210	55
Hourly Exit Rate	23	447	43	56	373	22	61	167	76	50	210	55
Input Volume	29	531	53	62	379	23	63	167	80	57	215	51
% of Volume	79	84	81	90	98	96	97	100	95	88	98	108
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	19	2	0	0	0	0	0	0	0	0	0

15: Kirby St & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	8.3
Denied Del/Veh (s)	18.1
Total Delay (hr)	35.2
Total Del/Veh (s)	77.1
Stop Delay (hr)	33.4
Stop Del/Veh (s)	73.3
Total Stops	1403
Stop/Veh	0.85
Travel Dist (mi)	510.5
Travel Time (hr)	55.9
Vehicles Entered	1621
Vehicles Exited	1583
Hourly Exit Rate	1583
Input Volume	1710
% of Volume	93
Denied Entry Before	0
Denied Entry After	21

16: Lyon Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.2	0.0	0.0	3.7	0.4	3.7	0.1	0.0	0.1
Total Delay (hr)	0.2	3.1	0.1	0.6	1.7	0.1	0.1	0.7	0.1	0.2	0.8	0.0
Total Del/Veh (s)	28.1	20.5	9.5	29.5	15.3	4.8	23.4	16.3	7.2	24.8	14.5	4.8
Stop Delay (hr)	0.1	1.4	0.0	0.4	0.7	0.0	0.1	0.4	0.1	0.2	0.5	0.0
Stop Del/Veh (s)	20.5	9.6	3.9	21.5	6.3	2.6	21.2	9.6	6.1	22.5	8.6	4.2
Total Stops	18	302	14	68	188	32	16	97	41	34	116	23
Stop/Veh	0.90	0.56	0.54	0.91	0.46	0.46	0.94	0.59	0.67	0.94	0.56	0.62
Travel Dist (mi)	9.6	263.5	13.1	35.5	195.8	33.3	1.5	15.0	5.6	10.6	60.7	10.7
Travel Time (hr)	0.4	9.1	0.4	1.6	6.8	1.0	0.2	1.1	0.4	0.5	2.1	0.3
Vehicles Entered	19	528	26	74	402	69	17	163	61	36	205	36
Vehicles Exited	19	525	26	73	402	68	16	163	61	36	204	36
Hourly Exit Rate	19	525	26	73	402	68	16	163	61	36	204	36
Input Volume	23	615	30	75	407	70	18	166	60	42	205	37
% of Volume	83	85	87	97	99	97	89	98	102	86	100	97
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

16: Lyon Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.2
Total Delay (hr)	7.8
Total Del/Veh (s)	17.0
Stop Delay (hr)	4.2
Stop Del/Veh (s)	9.1
Total Stops	949
Stop/Veh	0.57
Travel Dist (mi)	654.8
Travel Time (hr)	23.9
Vehicles Entered	1636
Vehicles Exited	1629
Hourly Exit Rate	1629
Input Volume	1748
% of Volume	93
Denied Entry Before	0
Denied Entry After	0

17: Palm Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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	3.6	0.4	0.4	1.2	0.2	1.3
Total Delay (hr)	0.6	5.3	0.3	0.8	3.5	0.1	0.6	1.7	0.4	1.1	1.2	0.1
Total Del/Veh (s)	47.1	35.2	26.9	44.4	21.4	7.5	42.9	26.4	15.8	44.0	19.8	4.3
Stop Delay (hr)	0.4	2.8	0.2	0.6	1.9	0.0	0.5	1.2	0.3	1.0	0.9	0.1
Stop Del/Veh (s)	35.5	18.5	15.2	34.2	11.4	4.5	38.2	18.6	12.0	41.1	15.7	3.1
Total Stops	44	369	29	62	256	24	50	158	68	84	128	39
Stop/Veh	1.02	0.68	0.72	0.93	0.44	0.60	1.02	0.69	0.70	0.95	0.61	0.60
Travel Dist (mi)	21.2	261.9	19.9	32.8	250.2	19.4	7.0	33.1	14.0	7.8	18.4	5.8
Travel Time (hr)	1.1	10.7	0.8	1.7	9.9	0.6	0.8	2.5	0.9	1.4	1.7	0.3
Vehicles Entered	43	533	40	66	576	39	48	228	96	87	208	65
Vehicles Exited	42	528	40	64	575	39	48	227	96	87	209	65
Hourly Exit Rate	42	528	40	64	575	39	48	227	96	87	209	65
Input Volume	49	618	43	66	575	40	47	230	92	91	209	66
% of Volume	86	85	93	97	100	98	102	99	104	96	100	98
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

17: Palm Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.3
Total Delay (hr)	15.5
Total Del/Veh (s)	27.2
Stop Delay (hr)	9.9
Stop Del/Veh (s)	17.4
Total Stops	1311
Stop/Veh	0.64
Travel Dist (mi)	691.4
Travel Time (hr)	32.6
Vehicles Entered	2029
Vehicles Exited	2020
Hourly Exit Rate	2020
Input Volume	2126
% of Volume	95
Denied Entry Before	0
Denied Entry After	0

18: State St & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.1	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	2.7	0.2	0.2	3.1	0.2	0.2	0.0	0.0	0.0
Total Delay (hr)	1.4	4.2	0.3	1.2	4.3	0.7	0.7	4.3	0.5	2.6	4.0	0.6
Total Del/Veh (s)	48.9	26.5	21.8	44.7	28.4	16.8	47.6	30.5	18.8	49.0	25.5	21.5
Stop Delay (hr)	1.1	2.6	0.2	1.1	3.2	0.5	0.6	3.3	0.4	2.0	2.3	0.3
Stop Del/Veh (s)	40.6	16.4	14.9	39.5	21.0	13.0	42.8	23.2	14.9	38.8	14.4	13.1
Total Stops	95	305	31	96	367	104	52	362	72	175	296	56
Stop/Veh	0.94	0.54	0.66	0.99	0.67	0.68	1.04	0.71	0.73	0.93	0.52	0.58
Travel Dist (mi)	49.4	259.4	23.3	26.5	150.4	41.8	11.2	113.6	22.1	91.9	271.1	46.9
Travel Time (hr)	2.5	9.7	0.8	2.0	8.1	2.0	1.0	7.2	1.2	4.9	10.3	1.8
Vehicles Entered	100	558	47	94	537	150	49	500	97	184	560	94
Vehicles Exited	98	555	46	95	538	149	49	500	97	183	554	94
Hourly Exit Rate	98	555	46	95	538	149	49	500	97	183	554	94
Input Volume	113	632	49	95	536	150	53	497	100	195	563	92
% of Volume	87	88	94	100	100	99	92	101	97	94	98	102
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

18: State St & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.2
Total Delay (hr)	24.7
Total Del/Veh (s)	29.5
Stop Delay (hr)	17.6
Stop Del/Veh (s)	21.1
Total Stops	2011
Stop/Veh	0.67
Travel Dist (mi)	1107.7
Travel Time (hr)	51.4
Vehicles Entered	2970
Vehicles Exited	2958
Hourly Exit Rate	2958
Input Volume	3075
% of Volume	96
Denied Entry Before	0
Denied Entry After	0

19: Cawston Ave & Eaton Ave Performance by movement

Movement	WBL	WBR	NBT	NBR	SBL	SBT	All
Denied Delay (hr)	0.0	0.2	0.0	0.0	0.0	0.0	0.2
Denied Del/Veh (s)	0.5	2.3	0.0	0.0	0.1	0.0	0.4
Total Delay (hr)	0.1	0.4	1.1	0.1	0.5	1.4	3.5
Total Del/Veh (s)	6.9	5.4	8.9	6.9	10.0	10.0	8.7
Stop Delay (hr)	0.1	0.2	0.4	0.0	0.2	0.4	1.3
Stop Del/Veh (s)	3.7	3.5	3.1	3.8	4.4	3.0	3.4
Total Stops	55	239	356	45	167	484	1346
Stop/Veh	0.98	0.99	0.82	0.98	0.98	0.98	0.94
Travel Dist (mi)	18.3	79.6	97.5	11.2	82.5	239.2	528.3
Travel Time (hr)	0.6	2.8	4.0	0.5	3.1	8.6	19.5
Vehicles Entered	55	240	429	45	167	486	1422
Vehicles Exited	55	239	428	45	166	483	1416
Hourly Exit Rate	55	239	428	45	166	483	1416
Input Volume	60	244	420	44	171	493	1432
% of Volume	92	98	102	102	97	98	99
Denied Entry Before	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0

20: Cawston Ave & Coriander Dr/Fruitvale Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Denied Del/Veh (s)	0.1	0.1	0.1	0.4	3.2	3.1	0.1	0.2	0.0	0.0	0.0	0.4
Total Delay (hr)	0.0	0.0	0.0	0.0	0.1	0.0	0.8	0.0	0.2	1.2	0.0	2.5
Total Del/Veh (s)	3.5	8.5	2.9	5.7	3.4	4.0	8.0	3.9	8.1	10.1	8.0	8.2
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.0	0.1	0.4	0.0	0.9
Stop Del/Veh (s)	2.3	5.4	2.7	3.3	2.7	2.2	2.9	2.7	3.3	2.9	3.5	2.9
Total Stops	2	1	5	28	114	2	359	36	100	434	1	1082
Stop/Veh	1.00	1.00	1.00	1.00	0.99	1.00	0.99	1.00	0.97	0.99	1.00	0.99
Travel Dist (mi)	0.2	0.2	0.6	6.7	27.1	0.3	87.3	8.6	25.4	108.7	0.3	265.4
Travel Time (hr)	0.0	0.0	0.0	0.3	1.1	0.0	3.3	0.3	1.0	4.4	0.0	10.6
Vehicles Entered	2	1	4	28	114	1	361	35	102	435	1	1084
Vehicles Exited	2	1	5	28	114	2	359	36	100	433	1	1081
Hourly Exit Rate	2	1	5	28	114	2	359	36	100	433	1	1081
Input Volume	2	1	5	30	109	2	353	34	110	443	1	1090
% of Volume	100	100	100	93	105	100	102	106	91	98	100	99
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

21: Cawston Ave & East Driveway Performance by movement

Movement	EBL	EBR	WBL	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
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
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.5
Total Del/Veh (s)	7.4	4.0	6.7	3.5	4.9	2.3	2.7	3.3	2.4	1.9	2.8
Stop Delay (hr)	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2
Stop Del/Veh (s)	5.4	3.6	4.5	3.5	1.5	0.3	0.3	0.8	0.6	0.5	1.0
Total Stops	28	57	1	2	5	0	0	0	0	0	93
Stop/Veh	1.00	0.98	1.00	1.00	0.33	0.00	0.00	0.00	0.00	0.00	0.15
Travel Dist (mi)	2.4	4.9	0.1	0.1	3.7	40.8	0.6	0.4	85.4	2.5	140.8
Travel Time (hr)	0.1	0.3	0.0	0.0	0.1	1.4	0.0	0.0	2.8	0.1	4.9
Vehicles Entered	28	57	1	2	15	166	2	2	334	10	617
Vehicles Exited	28	57	1	2	15	167	2	2	334	10	618
Hourly Exit Rate	28	57	1	2	15	167	2	2	334	10	618
Input Volume	27	55	2	2	18	168	2	2	344	9	629
% of Volume	104	104	50	100	83	99	100	100	97	111	98
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0

22: Esplanade Ave & South Driveway 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)	1.2	0.1	0.0	0.0	0.2	0.2	0.1
Total Delay (hr)	0.0	0.2	0.2	0.0	0.2	0.0	0.7
Total Del/Veh (s)	2.6	1.6	2.6	2.1	9.8	4.8	2.7
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.2	0.0	0.3
Stop Del/Veh (s)	1.1	0.2	0.2	0.2	8.1	4.1	1.0
Total Stops	2	0	0	0	80	29	111
Stop/Veh	0.25	0.00	0.00	0.00	1.00	1.00	0.11
Travel Dist (mi)	4.7	318.6	59.0	4.9	6.7	2.4	396.3
Travel Time (hr)	0.1	7.0	1.6	0.2	0.5	0.2	9.6
Vehicles Entered	8	536	319	27	79	28	997
Vehicles Exited	8	534	318	26	80	29	995
Hourly Exit Rate	8	534	318	26	80	29	995
Input Volume	9	537	329	27	82	27	1011
% of Volume	89	99	97	96	98	107	98
Denied Entry Before	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0

Total Network Performance

Denied Delay (hr)	11.8
Denied Del/Veh (s)	2.7
Total Delay (hr)	345.7
Total Del/Veh (s)	77.7
Stop Delay (hr)	238.3
Stop Del/Veh (s)	53.5
Total Stops	28305
Stop/Veh	1.77
Travel Dist (mi)	18379.5
Travel Time (hr)	788.4
Vehicles Entered	15429
Vehicles Exited	15184
Hourly Exit Rate	15184
Input Volume	61035
% of Volume	25
Denied Entry Before	0
Denied Entry After	22

Intersection: 1: Sanderson Ave & Ramona Expy

Movement	EB	EB	EB	EB	EB	WB	WB	WB	WB	WB	NB	NB
Directions Served	L	L	T	T	R	L	L	T	T	R	L	L
Maximum Queue (ft)	390	420	356	252	67	44	75	1486	1578	343	121	441
Average Queue (ft)	260	284	106	93	20	12	26	707	938	339	56	106
95th Queue (ft)	420	448	316	256	46	35	59	1620	1763	369	105	301
Link Distance (ft)			1976	1976				2634	2634			
Upstream Blk Time (%)								0	0			
Queuing Penalty (veh)								0	0			
Storage Bay Dist (ft)	400	400			180	375	375			143	400	400
Storage Blk Time (%)	3	5	0	0				0	5	68		0
Queuing Penalty (veh)	5	9	0	0				0	31	138		0

Intersection: 1: Sanderson Ave & Ramona Expy

Movement	NB	NB	NB	SB	SB	SB	SB	SB
Directions Served	T	T	R	L	L	T	T	R
Maximum Queue (ft)	559	559	104	285	297	359	382	180
Average Queue (ft)	348	342	18	182	201	124	117	62
95th Queue (ft)	544	541	82	271	288	370	397	134
Link Distance (ft)	873	873	873			2486	2486	
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)				400	400			250
Storage Blk Time (%)	8				0		0	0
Queuing Penalty (veh)	14				0		0	0

Intersection: 2: Sanderson Ave & Ramona Blvd

Movement	NB	NB	NB	SB	SB	SB	NW	NW
Directions Served	T	T	R	L	T	T	L	R
Maximum Queue (ft)	251	196	42	148	122	133	139	97
Average Queue (ft)	117	75	10	59	23	40	45	43
95th Queue (ft)	205	154	34	114	76	99	97	85
Link Distance (ft)	969	969			873	873	2330	
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)			120	170				50
Storage Blk Time (%)		1		0	0		12	4
Queuing Penalty (veh)		0		1	0		17	3

Intersection: 3: Cawston Ave & Cottonwood Ave

Movement	WB	NB	NB	SB
Directions Served	L	LT	R	LT
Maximum Queue (ft)	32	80	65	87
Average Queue (ft)	9	35	32	41
95th Queue (ft)	27	62	54	71
Link Distance (ft)		697		682
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)	195		150	
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 4: Sanderson Ave & Cottonwood Ave

Movement	EB	EB	EB	EB	EB	WB	WB	WB	WB	NB	NB	NB
Directions Served	L	L	T	T	R	L	L	T	R	L	L	T
Maximum Queue (ft)	98	98	123	123	53	58	91	171	117	71	51	216
Average Queue (ft)	42	44	61	58	19	14	34	80	46	29	8	117
95th Queue (ft)	80	80	104	106	43	40	71	142	92	61	34	194
Link Distance (ft)			507	507				1294	1294			2541
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	300	300			205	320	320			300	300	
Storage Blk Time (%)												
Queuing Penalty (veh)												

Intersection: 4: Sanderson Ave & Cottonwood Ave

Movement	NB	NB	SB	SB	SB	SB	SB
Directions Served	T	R	L	L	T	T	R
Maximum Queue (ft)	218	50	36	87	224	187	56
Average Queue (ft)	127	12	5	39	122	87	21
95th Queue (ft)	206	34	24	75	190	164	47
Link Distance (ft)	2541				915	915	
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)		210	290	290			200
Storage Blk Time (%)	0				0	0	
Queuing Penalty (veh)	0				0	0	

Intersection: 5: North Driveway/Karpick St & 7th St

Movement	EB	WB	NB	SB
Directions Served	L	L	LTR	LTR
Maximum Queue (ft)	3	32	63	59
Average Queue (ft)	0	2	33	23
95th Queue (ft)	3	16	54	49
Link Distance (ft)			297	136
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)	150	150		
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 6: Cawston Ave & 7th St

Movement	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	LTR	L	T	TR	L	TR	LT	R
Maximum Queue (ft)	84	87	53	54	41	103	95	25
Average Queue (ft)	35	47	27	28	13	51	48	9
95th Queue (ft)	65	74	48	51	38	85	80	24
Link Distance (ft)	576		1110	1110		1288	1226	1226
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)		160			85			
Storage Blk Time (%)						1		
Queuing Penalty (veh)						0		

Intersection: 7: Sanderson Ave & 7th St

Movement	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB	SB
Directions Served	L	TR	L	T	R	L	T	TR	L	T	T	R
Maximum Queue (ft)	76	125	162	142	68	61	198	229	117	154	156	43
Average Queue (ft)	37	51	85	54	27	20	110	129	41	68	80	11
95th Queue (ft)	71	99	140	106	58	52	182	203	90	126	138	30
Link Distance (ft)		1368		646			2569	2569		2541	2541	
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	53		145		600	300			360			360
Storage Blk Time (%)	3	5	1	0								
Queuing Penalty (veh)	6	4	3	0								

Intersection: 8: Kirby St & 7th St

Movement	EB	EB	WB	WB	NB	NB	SB	SB
Directions Served	LT	R	L	TR	LT	R	LT	R
Maximum Queue (ft)	218	119	57	105	77	48	111	37
Average Queue (ft)	88	17	31	52	40	19	53	14
95th Queue (ft)	164	64	52	85	65	37	87	38
Link Distance (ft)	1855			2533	2574		620	
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)		110	150			280		70
Storage Blk Time (%)	7			0			3	0
Queuing Penalty (veh)	2			0			0	0

Intersection: 9: Lyon Ave & 7th St

Movement	EB	EB	WB	NB	NB	SB	SB	SB
Directions Served	L	TR	LTR	LT	R	L	T	R
Maximum Queue (ft)	178	301	544	133	56	54	115	50
Average Queue (ft)	33	121	281	67	26	21	59	17
95th Queue (ft)	119	253	632	111	52	49	96	41
Link Distance (ft)		2533	2566	1006			429	429
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)	150				105	150		
Storage Blk Time (%)		12		2			0	
Queuing Penalty (veh)		5		1			0	

Intersection: 10: Palm Ave & 7th St

Movement	EB	EB	WB	WB	NB	SB
Directions Served	L	TR	L	TR	LTR	LTR
Maximum Queue (ft)	159	264	169	288	138	144
Average Queue (ft)	51	124	45	133	71	71
95th Queue (ft)	133	237	119	233	116	118
Link Distance (ft)		2566		601	2000	350
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	100		75			
Storage Blk Time (%)		25	0	32		
Queuing Penalty (veh)		15	1	21		

Intersection: 11: State St & 7th St

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	R	L	T	R	L	T	TR	L	T	TR
Maximum Queue (ft)	159	293	217	140	274	76	136	220	235	174	278	236
Average Queue (ft)	76	150	34	51	136	29	37	102	119	58	158	118
95th Queue (ft)	150	240	105	117	239	59	94	193	214	136	249	213
Link Distance (ft)		1929			721	721		2560	2560		491	491
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	95		215	60			85			105		
Storage Blk Time (%)	4	21	0	7	25		1	12		1	19	
Queuing Penalty (veh)	21	42	0	23	16		4	5		3	14	

Intersection: 12: Warren Ave & Esplanade Ave

Movement	EB	WB	WB	NB	SB
Directions Served	LTR	L	TR	LTR	LTR
Maximum Queue (ft)	66	87	90	308	215
Average Queue (ft)	30	42	42	140	91
95th Queue (ft)	55	72	72	259	169
Link Distance (ft)	671	4426	4426	1142	1186
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)					
Storage Blk Time (%)					
Queuing Penalty (veh)					

Intersection: 13: Cawston Ave & Esplanade Ave

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	T	R	L	TR
Maximum Queue (ft)	93	148	198	179	108	121	110	122	65	106	275
Average Queue (ft)	39	76	109	82	34	50	53	54	28	46	137
95th Queue (ft)	78	129	174	145	82	100	97	102	55	87	233
Link Distance (ft)		906	906		2540	2540		2579	2579	1246	1246
Upstream Blk Time (%)											
Queuing Penalty (veh)											
Storage Bay Dist (ft)	150			150			150				
Storage Blk Time (%)	0	0		1			0	0			
Queuing Penalty (veh)	0	0		1			0	0			

Intersection: 14: Sanderson Ave & Esplanade Ave

Movement	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB
Directions Served	L	T	T	R	L	T	R	L	T	TR	L	T
Maximum Queue (ft)	167	182	190	80	206	250	71	105	282	277	213	234
Average Queue (ft)	82	78	95	46	83	143	30	41	171	156	102	117
95th Queue (ft)	138	146	166	99	149	227	58	86	257	247	180	199
Link Distance (ft)		2540	2540			1649	1649		840	840		2569
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	130			55	155			225			245	
Storage Blk Time (%)	2	2	31	1	0	8			2		1	0
Queuing Penalty (veh)	3	2	22	1	1	9			1		3	0

Intersection: 14: Sanderson Ave & Esplanade Ave

Movement	SB	SB
Directions Served	T	R
Maximum Queue (ft)	244	86
Average Queue (ft)	128	26
95th Queue (ft)	207	65
Link Distance (ft)	2569	
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		200
Storage Blk Time (%)	1	
Queuing Penalty (veh)	1	

Intersection: 15: Kirby St & Esplanade Ave

Movement	EB	B60	WB	NB	NB	SB	SB
Directions Served	LTR	T	LTR	LT	R	LT	R
Maximum Queue (ft)	940	1068	426	125	72	136	88
Average Queue (ft)	681	296	207	66	33	69	29
95th Queue (ft)	1134	1007	386	107	59	113	62
Link Distance (ft)	834	1649	2574	903		2574	
Upstream Blk Time (%)	46	0					
Queuing Penalty (veh)	264	1					
Storage Bay Dist (ft)					132		100
Storage Blk Time (%)				0		3	0
Queuing Penalty (veh)				0		1	0

Intersection: 16: Lyon Ave & Esplanade Ave

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	R	L	T	R	L	T	R	L	T	R
Maximum Queue (ft)	81	237	50	116	232	76	39	113	62	67	116	40
Average Queue (ft)	16	121	10	43	99	16	12	50	17	23	55	11
95th Queue (ft)	53	196	43	90	192	48	33	96	43	53	99	29
Link Distance (ft)		2574			2526	2526		476			1520	
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	122		122	140			120		120	118		118
Storage Blk Time (%)		7		0	3			0			0	
Queuing Penalty (veh)		4		0	2			0			0	

Intersection: 17: Palm Ave & Esplanade Ave

Movement	EB	EB	WB	WB	WB	NB	NB	SB	SB	SB		
Directions Served	L	TR	L	T	R	L	TR	L	T	R		
Maximum Queue (ft)	243	418	237	390	62	127	245	140	185	73		
Average Queue (ft)	43	214	53	174	17	38	128	62	87	25		
95th Queue (ft)	141	356	131	323	48	91	210	116	157	56		
Link Distance (ft)		2526		2572	2572		765		508			
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	160		250			75		150		150		
Storage Blk Time (%)		19		3		1	26	1	1			
Queuing Penalty (veh)		9		2		3	12	3	2			

Intersection: 18: State St & Esplanade Ave

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	T	TR	L	T	TR
Maximum Queue (ft)	143	203	210	184	276	247	154	249	238	150	272	280
Average Queue (ft)	76	110	125	82	160	146	57	151	134	114	123	138
95th Queue (ft)	136	185	194	162	236	226	132	224	211	167	236	244
Link Distance (ft)		2572	2572		1477	1477		1199	1199		2560	2560
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	100			140			105			100		
Storage Blk Time (%)	7	12		1	14		0	23		23	11	
Queuing Penalty (veh)	19	14		1	14		1	12		61	22	

Intersection: 19: Cawston Ave & Eaton Ave

Movement	WB	WB	NB	NB	SB	SB	SB
Directions Served	L	R	T	TR	L	T	T
Maximum Queue (ft)	63	89	68	74	97	80	84
Average Queue (ft)	28	50	40	44	48	47	51
95th Queue (ft)	54	78	60	67	78	71	73
Link Distance (ft)	1756		1246	1246		2579	2579
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)		50			105		
Storage Blk Time (%)	0	4			0	0	
Queuing Penalty (veh)	1	2			0	0	

Intersection: 20: Cawston Ave & Coriander Dr/Fruitvale Ave

Movement	EB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	LTR	LT	R	L	T	TR	L	T	TR
Maximum Queue (ft)	33	55	68	24	71	73	52	68	74
Average Queue (ft)	7	21	35	1	44	40	27	31	33
95th Queue (ft)	27	48	56	12	65	63	43	53	57
Link Distance (ft)	670	1254			1280	1280		1246	1246
Upstream Blk Time (%)									
Queuing Penalty (veh)									
Storage Bay Dist (ft)			50	150			58		
Storage Blk Time (%)		0	1				0	0	
Queuing Penalty (veh)		0	0				0	0	

Intersection: 21: Cawston Ave & East Driveway

Movement	EB	WB	NB	SB
Directions Served	LTR	LTR	L	L
Maximum Queue (ft)	66	31	35	3
Average Queue (ft)	32	3	4	0
95th Queue (ft)	53	18	23	3
Link Distance (ft)	449	354		
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)			150	150
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 22: Esplanade Ave & South Driveway

Movement	EB	SB
Directions Served	L	LR
Maximum Queue (ft)	23	89
Average Queue (ft)	2	43
95th Queue (ft)	12	74
Link Distance (ft)		443
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)	150	
Storage Blk Time (%)		
Queuing Penalty (veh)		

Network Summary

Network wide Queuing Penalty: 902

Intersection: 1: Sanderson Ave & Ramona Expy

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	21.5	35.5	6.5	28.5	8.5	48.5	16.5	18.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	1.6	-5.1	6.3	-9.8	8.4	8.5	-3.5	-2.2
g/C Ratio	0.25	-0.78	0.76	-1.50	1.29	1.30	-0.54	-0.34
Cycles Skipped (%)	0	0	22	0	0	0	0	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	100	94	41	84	78	94	100	78
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 6.5
Number of Complete Cycles : 32

Intersection: 2: Sanderson Ave & Ramona Blvd

Phase	1	2	3	6	8
Movement(s) Served	SBL	NBT	NWL	SBT	NWR
Maximum Green (s)	18.5	55.5	22.5	78.5	22.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	Min	None
Avg. Green (s)	-7.3	2.4	-8.5	0.8	-4.8
g/C Ratio	-1.17	0.54	-1.29	0.16	-0.96
Cycles Skipped (%)	29	0	33	12	12
Cycles @ Minimum (%)	0	0	0	0	12
Cycles Maxed Out (%)	2	16	0	9	0
Cycles with Peds (%)	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 4.4
Number of Complete Cycles : 58

Intersection: 4: Sanderson Ave & Cottonwood Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	8.5	40.5	11.5	31.5	8.5	40.5	12.5	30.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	7.1	3.3	8.0	4.5	7.0	4.4	-6.2	1.7
g/C Ratio	0.95	0.65	1.24	0.88	0.81	0.87	-1.13	0.33
Cycles Skipped (%)	33	0	22	2	41	0	9	2
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	13	17	7	4	9	23	11	2
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 5.0
Number of Complete Cycles : 46

Intersection: 11: State St & 7th St

Phase	1	2	4	5	6	8
Movement(s) Served	SBL	NBT	EBTL	NBL	SBT	WBTL
Maximum Green (s)	14.5	41.5	40.5	9.5	46.5	40.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	Min	None
Avg. Green (s)	8.5	0.8	2.9	7.3	3.6	2.9
g/C Ratio	1.17	0.14	0.52	0.78	0.66	0.52
Cycles Skipped (%)	24	0	0	41	0	0
Cycles @ Minimum (%)	0	0	0	0	0	0
Cycles Maxed Out (%)	2	19	36	10	14	36
Cycles with Peds (%)	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 5.5
Number of Complete Cycles : 41

Intersection: 13: Cawston Ave & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	10.5	24.5	14.5	42.5	10.5	24.5	9.5	47.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	None	None	Min	None	None	None	Min
Avg. Green (s)	-7.2	4.7	-5.2	-4.2	8.4	5.4	7.1	0.9
g/C Ratio	-1.03	0.82	-0.87	-0.84	1.23	1.06	0.92	0.19
Cycles Skipped (%)	30	14	18	0	27	4	36	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	2
Cycles Maxed Out (%)	20	28	18	4	14	25	12	6
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 4.9
Number of Complete Cycles : 50

Intersection: 14: Sanderson Ave & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	15.5	36.5	16.5	23.5	10.5	41.5	14.5	25.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	-6.1	-2.6	-8.4	6.5	8.2	3.7	-7.9	6.1
g/C Ratio	-0.95	-0.40	-1.25	1.03	1.03	0.59	-1.18	0.96
Cycles Skipped (%)	0	0	6	0	19	0	6	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	28	53	8	72	19	39	22	42
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 6.4
Number of Complete Cycles : 36

Intersection: 16: Lyon Ave & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	5.0	18.0	5.0	18.0	5.0	18.0	5.0	18.0
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	None	None	Min	None	None	None	Min
Avg. Green (s)	6.4	2.6	5.0	0.6	6.0	4.1	5.1	4.1
g/C Ratio	0.60	0.68	0.81	0.18	0.30	1.11	0.30	1.16
Cycles Skipped (%)	67	9	44	0	82	5	79	1
Cycles @ Minimum (%)	28	1	56	0	17	0	21	0
Cycles Maxed Out (%)	33	13	56	72	18	18	21	78
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary
Average Cycle Length (s): 3.5
Number of Complete Cycles : 78

Intersection: 17: Palm Ave & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	6.5	45.5	9.5	30.5	6.5	45.5	5.5	34.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	6.4	-6.5	7.6	0.8	6.2	-4.2	8.6	2.1
g/C Ratio	0.99	-1.21	0.98	0.15	0.70	-0.78	0.91	0.37
Cycles Skipped (%)	17	0	30	0	39	0	43	6
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	59	0	17	65	28	0	54	38
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary
Average Cycle Length (s): 5.4
Number of Complete Cycles : 46

Intersection: 18: State St & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	21.5	26.5	13.5	30.5	9.5	38.5	13.5	30.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	-3.4	8.0	-9.5	-5.9	7.2	0.8	9.5	-5.7
g/C Ratio	-0.57	1.39	-1.47	-1.02	0.88	0.13	1.47	-0.98
Cycles Skipped (%)	3	0	11	0	29	0	11	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	11	53	13	45	11	39	16	50
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary
Average Cycle Length (s): 5.8
Number of Complete Cycles : 37

Summary of All Intervals

Run Number	1	2	3	4	5	6	7
Start Time	3:55	3:55	3:55	3:55	3:55	3:55	3:55
End Time	5:00	5:00	5:00	5:00	5:00	5:00	5:00
Total Time (min)	65	65	65	65	65	65	65
Time Recorded (min)	60	60	60	60	60	60	60
# of Intervals	2	2	2	2	2	2	2
# of Recorded Intervals	1	1	1	1	1	1	1
Vehs Entered	17380	17404	17135	17332	17375	17395	17088
Vehs Exited	16897	16884	16470	16906	16729	16885	16667
Starting Vehs	690	758	656	718	728	689	746
Ending Vehs	1173	1278	1321	1144	1374	1199	1167
Denied Entry Before	5	4	5	4	2	3	1
Denied Entry After	71	96	88	78	87	81	70
Travel Distance (mi)	20734	20624	20252	20673	20566	20644	20434
Travel Time (hr)	1014.2	1081.2	1075.1	1045.7	1083.2	1038.0	1011.5
Total Delay (hr)	531.2	601.4	604.6	565.3	604.7	558.0	534.7
Total Stops	31432	31697	30750	31023	30963	31349	30701
Fuel Used (gal)	862.0	876.5	858.5	870.1	870.5	866.4	850.4

Summary of All Intervals

Run Number	8	9	10	Avg
Start Time	3:55	3:55	3:55	3:55
End Time	5:00	5:00	5:00	5:00
Total Time (min)	65	65	65	65
Time Recorded (min)	60	60	60	60
# of Intervals	2	2	2	2
# of Recorded Intervals	1	1	1	1
Vehs Entered	17224	17378	17195	17289
Vehs Exited	16748	16933	16608	16772
Starting Vehs	727	680	706	705
Ending Vehs	1203	1125	1293	1213
Denied Entry Before	10	0	4	1
Denied Entry After	87	88	96	81
Travel Distance (mi)	20535	20730	20186	20538
Travel Time (hr)	1019.5	1035.5	1073.0	1047.7
Total Delay (hr)	541.9	553.1	604.0	569.9
Total Stops	30914	31839	30495	31119
Fuel Used (gal)	857.2	868.1	858.4	863.8

Interval #0 Information Seeding

Start Time	3:55
End Time	4:00
Total Time (min)	5

Volumes adjusted by Growth Factors.

No data recorded this interval.

Interval #1 Information Recording

Start Time	4:00
End Time	5:00
Total Time (min)	60

Volumes adjusted by Growth Factors.

Run Number	1	2	3	4	5	6	7
Vehs Entered	17380	17404	17135	17332	17375	17395	17088
Vehs Exited	16897	16884	16470	16906	16729	16885	16667
Starting Vehs	690	758	656	718	728	689	746
Ending Vehs	1173	1278	1321	1144	1374	1199	1167
Denied Entry Before	5	4	5	4	2	3	1
Denied Entry After	71	96	88	78	87	81	70
Travel Distance (mi)	20734	20624	20252	20673	20566	20644	20434
Travel Time (hr)	1014.2	1081.2	1075.1	1045.7	1083.2	1038.0	1011.5
Total Delay (hr)	531.2	601.4	604.6	565.3	604.7	558.0	534.7
Total Stops	31432	31697	30750	31023	30963	31349	30701
Fuel Used (gal)	862.0	876.5	858.5	870.1	870.5	866.4	850.4

Interval #1 Information Recording

Start Time	4:00
End Time	5:00
Total Time (min)	60

Volumes adjusted by Growth Factors.

Run Number	8	9	10	Avg
Vehs Entered	17224	17378	17195	17289
Vehs Exited	16748	16933	16608	16772
Starting Vehs	727	680	706	705
Ending Vehs	1203	1125	1293	1213
Denied Entry Before	10	0	4	1
Denied Entry After	87	88	96	81
Travel Distance (mi)	20535	20730	20186	20538
Travel Time (hr)	1019.5	1035.5	1073.0	1047.7
Total Delay (hr)	541.9	553.1	604.0	569.9
Total Stops	30914	31839	30495	31119
Fuel Used (gal)	857.2	868.1	858.4	863.8

1: Sanderson Ave & Ramona Expy Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.3	0.1	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.6	0.8	0.4
Denied Del/Veh (s)	2.4	0.5	2.2	2.1	0.4	2.1	0.0	0.0	0.0	2.9	2.2	2.8
Total Delay (hr)	6.8	6.8	1.2	0.9	6.5	4.5	2.1	12.6	0.1	12.1	17.6	3.5
Total Del/Veh (s)	52.7	38.4	22.0	52.8	56.3	30.0	56.0	56.6	11.7	59.4	47.7	25.8
Stop Delay (hr)	5.6	4.4	1.0	0.8	4.8	2.8	1.8	9.2	0.1	7.4	7.7	1.2
Stop Del/Veh (s)	43.6	24.8	17.3	48.2	42.1	19.0	48.8	41.6	10.1	36.5	20.9	9.0
Total Stops	418	427	132	56	366	358	123	692	14	654	882	309
Stop/Veh	0.90	0.67	0.67	0.92	0.89	0.67	0.91	0.87	0.64	0.89	0.67	0.64
Travel Dist (mi)	169.1	237.1	73.0	30.0	200.9	264.0	23.6	138.9	4.0	338.5	615.0	226.8
Travel Time (hr)	10.6	10.6	2.9	1.5	9.6	10.2	2.8	15.3	0.2	19.7	28.7	8.8
Vehicles Entered	451	630	194	60	401	526	132	785	22	718	1300	478
Vehicles Exited	450	632	194	60	404	527	133	780	22	715	1299	478
Hourly Exit Rate	450	632	194	60	404	527	133	780	22	715	1299	478
Input Volume	445	625	196	58	398	529	136	773	20	733	1310	468
% of Volume	101	101	99	103	102	100	98	101	110	98	99	102
Denied Entry Before	0	0	0	0	0	0	0	0	0	1	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	1	0	0

1: Sanderson Ave & Ramona Expy Performance by movement

Movement	All
Denied Delay (hr)	2.6
Denied Del/Veh (s)	1.7
Total Delay (hr)	74.5
Total Del/Veh (s)	46.2
Stop Delay (hr)	46.9
Stop Del/Veh (s)	29.1
Total Stops	4431
Stop/Veh	0.76
Travel Dist (mi)	2321.0
Travel Time (hr)	120.9
Vehicles Entered	5697
Vehicles Exited	5694
Hourly Exit Rate	5694
Input Volume	5691
% of Volume	100
Denied Entry Before	1
Denied Entry After	1

2: Sanderson Ave & Ramona Blvd Performance by movement

Movement	NBT	NBR	SBL	SBT	NWL	NWR	All
Denied Delay (hr)	0.1	0.0	0.0	0.0	0.0	0.1	0.2
Denied Del/Veh (s)	0.2	2.8	0.2	0.0	0.3	2.1	0.2
Total Delay (hr)	2.6	0.1	2.3	4.4	0.4	0.2	10.1
Total Del/Veh (s)	11.2	4.1	35.1	11.4	28.8	7.0	13.5
Stop Delay (hr)	1.0	0.0	1.6	0.2	0.4	0.1	3.5
Stop Del/Veh (s)	4.3	2.7	24.8	0.6	26.2	5.5	4.7
Total Stops	275	22	202	124	49	87	759
Stop/Veh	0.32	0.37	0.85	0.09	0.91	0.89	0.28
Travel Dist (mi)	155.1	10.9	42.7	251.9	23.4	42.7	526.7
Travel Time (hr)	5.5	0.4	3.5	9.5	1.0	1.3	21.3
Vehicles Entered	845	59	236	1379	53	96	2668
Vehicles Exited	842	60	233	1383	53	97	2668
Hourly Exit Rate	842	60	233	1383	53	97	2668
Input Volume	829	62	235	1390	51	100	2667
% of Volume	102	97	99	99	104	97	100
Denied Entry Before	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0

3: Cawston Ave & Cottonwood Ave Performance by movement

Movement	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBT	SBR	All
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
Denied Del/Veh (s)	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	4.1	0.2
Total Delay (hr)	0.1	0.0	0.1	0.1	0.0	0.1	0.3	0.1	0.1	0.0	0.9
Total Del/Veh (s)	0.7	0.2	3.4	2.3	1.2	12.3	8.1	3.4	10.2	3.7	3.3
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.0	0.5
Stop Del/Veh (s)	0.0	0.0	0.9	0.0	0.0	9.9	5.1	2.7	6.9	3.4	1.7
Total Stops	0	0	34	0	1	39	72	78	41	25	290
Stop/Veh	0.00	0.00	0.30	0.00	0.02	1.00	0.64	0.99	0.98	0.96	0.29
Travel Dist (mi)	42.7	9.3	43.3	78.1	16.0	5.5	13.3	11.2	5.3	3.3	228.1
Travel Time (hr)	0.9	0.2	1.1	1.7	0.4	0.3	0.6	0.5	0.3	0.2	6.3
Vehicles Entered	271	59	113	213	42	39	111	79	41	25	993
Vehicles Exited	271	59	112	212	42	39	111	78	41	25	990
Hourly Exit Rate	271	59	112	212	42	39	111	78	41	25	990
Input Volume	276	58	119	211	40	40	115	86	44	24	1013
% of Volume	98	102	94	100	105	98	97	91	93	104	98
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0

4: Sanderson Ave & Cottonwood Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1
Denied Del/Veh (s)	0.0	0.0	0.6	3.5	0.4	0.2	0.0	0.0	0.0	2.4	0.5	2.3
Total Delay (hr)	1.1	1.5	0.2	1.0	1.5	0.3	0.5	3.5	0.2	2.4	5.4	0.2
Total Del/Veh (s)	34.3	26.7	10.3	36.6	30.5	8.0	40.7	16.5	8.4	47.6	17.3	4.4
Stop Delay (hr)	1.0	1.2	0.2	1.0	1.1	0.2	0.4	1.9	0.1	2.1	2.9	0.1
Stop Del/Veh (s)	32.3	21.7	10.1	33.6	23.3	7.2	36.4	9.0	3.4	42.2	9.4	1.7
Total Stops	98	146	64	91	125	95	37	306	55	175	517	72
Stop/Veh	0.86	0.71	0.77	0.88	0.72	0.76	0.90	0.40	0.52	0.98	0.46	0.46
Travel Dist (mi)	11.2	20.7	8.3	24.8	42.1	30.5	19.9	350.3	51.8	30.3	192.1	27.2
Travel Time (hr)	1.5	2.0	0.5	1.8	2.4	1.1	1.0	11.5	1.6	3.3	9.8	1.1
Vehicles Entered	113	206	82	100	170	123	40	761	105	175	1104	156
Vehicles Exited	112	205	82	101	170	124	40	757	104	174	1109	157
Hourly Exit Rate	112	205	82	101	170	124	40	757	104	174	1109	157
Input Volume	113	214	84	101	171	123	43	791	111	175	1094	156
% of Volume	99	96	98	100	99	101	93	96	94	99	101	101
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

4: Sanderson Ave & Cottonwood Ave Performance by movement

Movement	All
Denied Delay (hr)	0.5
Denied Del/Veh (s)	0.6
Total Delay (hr)	17.8
Total Del/Veh (s)	20.2
Stop Delay (hr)	12.4
Stop Del/Veh (s)	14.0
Total Stops	1781
Stop/Veh	0.56
Travel Dist (mi)	809.3
Travel Time (hr)	37.7
Vehicles Entered	3135
Vehicles Exited	3135
Hourly Exit Rate	3135
Input Volume	3176
% of Volume	99
Denied Entry Before	0
Denied Entry After	0

5: North Driveway/Karpick St & 7th St Performance by movement

Movement	EBT	WBL	WBT	WBR	NBR	SBL	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	0.1
Total Delay (hr)	0.0	0.1	0.1	0.0	0.1	0.0	0.3
Total Del/Veh (s)	0.3	4.3	3.2	2.8	3.1	5.1	3.2
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Stop Del/Veh (s)	0.0	0.6	0.7	0.7	2.6	3.8	1.3
Total Stops	0	3	0	0	80	30	113
Stop/Veh	0.00	0.04	0.00	0.00	1.00	1.00	0.33
Travel Dist (mi)	4.2	9.6	8.1	5.4	4.5	0.8	32.6
Travel Time (hr)	0.1	0.4	0.3	0.2	0.3	0.1	1.5
Vehicles Entered	45	78	66	43	79	30	341
Vehicles Exited	45	78	66	43	80	30	342
Hourly Exit Rate	45	78	66	43	80	30	342
Input Volume	51	83	68	45	82	32	361
% of Volume	88	94	97	96	98	94	95
Denied Entry Before	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0

6: Cawston Ave & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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)	0.0	0.2	0.0	0.2	0.3	0.1	0.1	0.5	0.2	0.1	0.5	0.0
Total Del/Veh (s)	6.6	7.4	4.0	7.4	6.8	4.1	8.0	11.3	7.3	7.7	10.0	2.4
Stop Delay (hr)	0.0	0.1	0.0	0.1	0.2	0.1	0.0	0.3	0.1	0.1	0.3	0.0
Stop Del/Veh (s)	4.7	3.9	3.9	4.7	3.2	3.6	4.3	5.4	5.0	5.0	4.9	2.9
Total Stops	9	92	29	100	138	52	37	170	85	38	186	12
Stop/Veh	1.00	0.78	1.00	0.99	0.77	1.00	1.00	0.98	0.99	1.00	0.99	1.00
Travel Dist (mi)	1.0	12.6	3.4	22.1	35.2	11.4	9.3	43.4	21.6	8.8	42.9	2.8
Travel Time (hr)	0.1	0.7	0.2	0.9	1.4	0.4	0.4	1.8	0.9	0.4	1.8	0.1
Vehicles Entered	9	117	29	100	179	52	37	172	85	38	185	12
Vehicles Exited	9	117	29	100	178	52	37	172	85	38	185	12
Hourly Exit Rate	9	117	29	100	178	52	37	172	85	38	185	12
Input Volume	10	123	32	105	180	54	43	180	88	43	191	12
% of Volume	90	95	91	95	99	96	86	96	97	88	97	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

6: Cawston Ave & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.0
Total Delay (hr)	2.3
Total Del/Veh (s)	8.1
Stop Delay (hr)	1.3
Stop Del/Veh (s)	4.4
Total Stops	948
Stop/Veh	0.93
Travel Dist (mi)	214.7
Travel Time (hr)	8.9
Vehicles Entered	1015
Vehicles Exited	1014
Hourly Exit Rate	1014
Input Volume	1061
% of Volume	96
Denied Entry Before	0
Denied Entry After	0

7: Sanderson Ave & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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)	0.3	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.5	0.9	0.2	1.9	1.3	0.1	0.5	3.6	0.5	1.2	5.2	0.2
Total Del/Veh (s)	33.6	23.6	16.7	37.8	24.3	5.2	37.1	15.5	14.3	41.2	16.7	9.5
Stop Delay (hr)	0.5	0.7	0.2	1.7	1.0	0.1	0.4	0.9	0.2	0.9	1.5	0.0
Stop Del/Veh (s)	30.2	17.4	15.1	33.8	18.3	5.0	29.0	4.0	4.2	32.0	4.8	1.9
Total Stops	50	90	27	165	122	41	40	203	43	90	325	27
Stop/Veh	0.93	0.62	0.69	0.90	0.63	0.64	0.85	0.24	0.33	0.89	0.29	0.29
Travel Dist (mi)	13.9	37.0	9.8	22.1	23.4	7.8	23.3	403.5	64.8	50.4	544.1	46.2
Travel Time (hr)	0.9	1.8	0.5	2.6	1.8	0.3	1.0	12.1	2.1	2.3	16.5	1.3
Vehicles Entered	53	143	38	182	192	64	46	821	130	100	1101	92
Vehicles Exited	54	142	38	180	193	64	46	821	128	99	1098	91
Hourly Exit Rate	54	142	38	180	193	64	46	821	128	99	1098	91
Input Volume	57	150	39	195	201	66	49	857	130	98	1092	89
% of Volume	95	95	97	92	96	97	94	96	98	101	101	102
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

7: Sanderson Ave & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.1
Total Delay (hr)	16.1
Total Del/Veh (s)	19.4
Stop Delay (hr)	8.0
Stop Del/Veh (s)	9.6
Total Stops	1223
Stop/Veh	0.41
Travel Dist (mi)	1246.2
Travel Time (hr)	43.3
Vehicles Entered	2962
Vehicles Exited	2954
Hourly Exit Rate	2954
Input Volume	3023
% of Volume	98
Denied Entry Before	0
Denied Entry After	0

8: Kirby St & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	3.7
Total Delay (hr)	0.1	2.2	0.1	0.4	1.9	0.1	0.1	1.0	0.2	0.1	0.6	0.0
Total Del/Veh (s)	18.2	22.2	8.1	14.1	16.6	12.8	13.3	16.1	8.4	10.9	13.6	5.6
Stop Delay (hr)	0.1	1.4	0.1	0.2	0.8	0.1	0.0	0.5	0.1	0.1	0.3	0.0
Stop Del/Veh (s)	13.7	13.9	4.7	6.6	6.5	7.2	7.9	7.5	5.2	7.5	7.2	3.8
Total Stops	14	352	47	97	335	41	22	220	89	29	169	16
Stop/Veh	0.93	0.99	1.02	0.99	0.79	0.98	1.00	0.98	0.99	1.00	0.99	1.00
Travel Dist (mi)	5.0	120.8	15.9	47.9	187.9	20.5	11.1	109.7	44.4	3.4	19.9	1.9
Travel Time (hr)	0.2	4.9	0.5	1.6	6.3	0.7	0.4	3.8	1.5	0.2	1.2	0.1
Vehicles Entered	15	353	46	96	419	41	22	221	88	29	169	16
Vehicles Exited	14	351	46	97	418	41	22	220	89	28	169	16
Hourly Exit Rate	14	351	46	97	418	41	22	220	89	28	169	16
Input Volume	16	362	45	108	443	42	27	238	91	28	167	17
% of Volume	88	97	102	90	94	98	81	92	98	100	101	94
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

8: Kirby St & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.1
Total Delay (hr)	6.9
Total Del/Veh (s)	16.2
Stop Delay (hr)	3.6
Stop Del/Veh (s)	8.4
Total Stops	1431
Stop/Veh	0.93
Travel Dist (mi)	588.2
Travel Time (hr)	21.3
Vehicles Entered	1515
Vehicles Exited	1511
Hourly Exit Rate	1511
Input Volume	1584
% of Volume	95
Denied Entry Before	0
Denied Entry After	0

9: Lyon Ave & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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	3.8	0.2	0.1
Total Delay (hr)	0.1	2.8	0.1	2.2	18.0	1.4	0.2	1.2	0.1	0.1	0.4	0.0
Total Del/Veh (s)	13.8	23.5	18.0	118.0	119.2	114.6	17.2	19.9	7.6	8.3	13.8	4.3
Stop Delay (hr)	0.0	1.5	0.1	2.1	17.1	1.4	0.2	0.8	0.1	0.1	0.2	0.0
Stop Del/Veh (s)	6.5	12.8	13.3	115.1	112.9	113.4	13.5	12.3	4.9	6.1	6.6	4.4
Total Stops	22	408	21	65	516	43	40	196	52	31	110	30
Stop/Veh	1.00	0.94	0.95	0.98	0.95	0.98	0.98	0.88	1.00	1.00	0.99	1.00
Travel Dist (mi)	10.6	206.3	10.7	31.8	257.0	21.2	8.1	42.0	10.4	2.5	9.0	2.4
Travel Time (hr)	0.4	7.6	0.4	3.0	23.9	1.9	0.4	2.1	0.4	0.2	0.6	0.1
Vehicles Entered	22	425	22	65	537	43	41	221	52	31	110	29
Vehicles Exited	21	426	21	62	509	41	41	221	51	31	110	30
Hourly Exit Rate	21	426	21	62	509	41	41	221	51	31	110	30
Input Volume	21	437	23	71	537	45	45	222	54	32	114	31
% of Volume	100	97	91	87	95	91	91	100	94	97	96	97
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

9: Lyon Ave & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.1
Total Delay (hr)	26.7
Total Del/Veh (s)	59.4
Stop Delay (hr)	23.5
Stop Del/Veh (s)	52.4
Total Stops	1534
Stop/Veh	0.95
Travel Dist (mi)	611.9
Travel Time (hr)	41.0
Vehicles Entered	1598
Vehicles Exited	1564
Hourly Exit Rate	1564
Input Volume	1632
% of Volume	96
Denied Entry Before	0
Denied Entry After	0

10: Palm Ave & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	2.3	2.7	0.6	0.0	0.0	0.0	0.2	0.2	0.2
Total Delay (hr)	0.2	2.3	0.1	0.5	7.9	0.5	0.1	0.5	0.1	0.1	0.4	0.1
Total Del/Veh (s)	14.0	19.1	13.8	28.6	48.4	39.9	10.7	11.2	9.0	9.5	12.0	6.4
Stop Delay (hr)	0.1	0.9	0.1	0.4	6.9	0.5	0.1	0.3	0.1	0.1	0.2	0.0
Stop Del/Veh (s)	5.5	7.5	7.3	21.1	42.0	38.3	7.4	6.0	6.9	6.7	6.2	5.3
Total Stops	43	412	27	95	567	43	34	116	55	32	114	32
Stop/Veh	1.00	0.97	1.00	1.48	0.96	0.96	1.00	0.77	0.98	1.00	0.99	1.00
Travel Dist (mi)	21.4	207.6	13.3	7.7	71.2	5.3	13.0	51.8	21.6	2.1	7.6	2.1
Travel Time (hr)	0.7	7.0	0.4	0.8	10.0	0.7	0.5	1.8	0.8	0.2	0.6	0.1
Vehicles Entered	43	421	27	64	585	44	33	150	55	32	114	32
Vehicles Exited	43	419	27	63	579	44	33	150	56	32	114	32
Hourly Exit Rate	43	419	27	63	579	44	33	150	56	32	114	32
Input Volume	45	436	26	67	590	42	32	158	54	32	114	31
% of Volume	96	96	104	94	98	105	103	95	104	100	100	103
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	1	0	0	0	0	0	0	0

10: Palm Ave & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.5
Denied Del/Veh (s)	1.1
Total Delay (hr)	12.7
Total Del/Veh (s)	28.3
Stop Delay (hr)	9.5
Stop Del/Veh (s)	21.1
Total Stops	1570
Stop/Veh	0.97
Travel Dist (mi)	424.8
Travel Time (hr)	23.6
Vehicles Entered	1600
Vehicles Exited	1592
Hourly Exit Rate	1592
Input Volume	1627
% of Volume	98
Denied Entry Before	0
Denied Entry After	1

11: State St & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Denied Del/Veh (s)	0.1	0.0	0.2	3.0	0.6	0.2	0.0	0.0	0.0	2.5	0.4	0.5
Total Delay (hr)	1.3	2.7	0.3	1.4	4.7	0.1	1.0	5.1	0.9	1.9	6.8	0.7
Total Del/Veh (s)	61.2	27.3	10.1	49.2	34.0	5.5	56.7	29.5	27.6	55.5	26.9	20.0
Stop Delay (hr)	1.2	1.9	0.2	1.1	3.1	0.1	0.9	3.2	0.7	1.7	4.4	0.5
Stop Del/Veh (s)	55.5	19.1	6.7	41.1	22.6	4.7	48.7	18.6	19.1	49.0	17.5	15.3
Total Stops	81	219	55	110	353	48	69	356	80	137	573	74
Stop/Veh	1.08	0.61	0.59	1.10	0.71	0.54	1.06	0.57	0.65	1.12	0.63	0.63
Travel Dist (mi)	27.2	129.8	33.6	13.4	67.6	12.0	31.9	300.7	61.1	11.2	85.8	11.2
Travel Time (hr)	2.0	5.6	1.1	1.8	6.3	0.5	1.8	12.2	2.6	2.3	8.8	1.1
Vehicles Entered	74	354	92	98	495	88	64	613	122	120	905	118
Vehicles Exited	73	350	91	97	492	88	63	612	122	118	906	118
Hourly Exit Rate	73	350	91	97	492	88	63	612	122	118	906	118
Input Volume	80	366	91	101	487	86	71	620	124	122	913	119
% of Volume	91	96	100	96	101	102	89	99	98	97	99	99
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

11: State St & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.4
Denied Del/Veh (s)	0.4
Total Delay (hr)	26.9
Total Del/Veh (s)	30.5
Stop Delay (hr)	19.0
Stop Del/Veh (s)	21.5
Total Stops	2155
Stop/Veh	0.68
Travel Dist (mi)	785.6
Travel Time (hr)	46.3
Vehicles Entered	3143
Vehicles Exited	3130
Hourly Exit Rate	3130
Input Volume	3180
% of Volume	98
Denied Entry Before	0
Denied Entry After	0

12: Warren Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.0	0.0	0.4	0.6	0.6	0.4	0.4	0.4
Total Delay (hr)	0.0	0.1	0.0	0.3	0.2	0.1	0.0	5.2	1.4	0.4	1.5	0.1
Total Del/Veh (s)	6.1	11.7	3.8	8.0	2.2	6.3	31.5	37.8	30.7	14.6	18.6	10.4
Stop Delay (hr)	0.0	0.0	0.0	0.2	0.0	0.1	0.0	3.5	1.2	0.2	0.6	0.0
Stop Del/Veh (s)	4.8	5.7	3.0	5.1	0.5	4.5	24.8	25.8	25.7	8.4	7.1	5.9
Total Stops	10	30	2	130	33	65	4	488	165	99	297	28
Stop/Veh	1.00	1.00	1.00	0.98	0.10	0.98	1.00	0.99	0.99	1.00	0.99	1.00
Travel Dist (mi)	1.2	3.8	0.2	110.5	151.3	55.5	0.8	105.5	35.6	22.2	66.7	6.3
Travel Time (hr)	0.1	0.2	0.0	2.7	3.3	1.3	0.1	7.2	2.4	1.0	2.8	0.3
Vehicles Entered	9	30	2	131	321	66	4	487	165	98	297	28
Vehicles Exited	10	30	2	129	319	65	4	484	163	99	297	28
Hourly Exit Rate	10	30	2	129	319	65	4	484	163	99	297	28
Input Volume	11	30	1	148	371	73	5	496	163	100	293	26
% of Volume	91	100	200	87	86	89	80	98	100	99	101	108
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

12: Warren Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.3
Total Delay (hr)	9.4
Total Del/Veh (s)	20.5
Stop Delay (hr)	6.0
Stop Del/Veh (s)	13.1
Total Stops	1351
Stop/Veh	0.82
Travel Dist (mi)	559.5
Travel Time (hr)	21.2
Vehicles Entered	1638
Vehicles Exited	1630
Hourly Exit Rate	1630
Input Volume	1717
% of Volume	95
Denied Entry Before	0
Denied Entry After	0

13: Cawston Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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	0.6	0.1	0.0	0.0	0.0	0.0
Total Delay (hr)	0.5	1.6	0.4	0.6	1.8	0.2	2.0	1.3	0.1	0.4	1.6	0.4
Total Del/Veh (s)	32.8	18.6	9.6	34.2	18.1	13.1	38.6	22.0	5.9	31.1	26.7	17.1
Stop Delay (hr)	0.5	1.1	0.3	0.6	1.0	0.1	1.6	0.9	0.1	0.3	1.2	0.3
Stop Del/Veh (s)	30.2	12.5	7.4	29.4	10.3	8.4	32.1	15.1	3.6	29.3	20.5	14.1
Total Stops	54	174	95	61	181	38	169	132	41	38	156	69
Stop/Veh	0.93	0.56	0.64	0.90	0.50	0.61	0.92	0.61	0.59	0.88	0.75	0.79
Travel Dist (mi)	10.4	55.3	26.7	33.4	171.4	30.8	83.1	97.4	31.5	10.3	49.6	20.8
Travel Time (hr)	0.8	2.8	1.2	1.5	5.6	1.0	4.5	4.2	1.1	0.7	3.0	1.1
Vehicles Entered	57	307	148	67	358	62	180	213	68	43	206	86
Vehicles Exited	57	306	148	66	354	61	178	212	69	42	206	86
Hourly Exit Rate	57	306	148	66	354	61	178	212	69	42	206	86
Input Volume	63	314	145	81	433	75	181	213	68	49	213	88
% of Volume	90	97	102	81	82	81	98	100	101	86	97	98
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

13: Cawston Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.1
Total Delay (hr)	10.9
Total Del/Veh (s)	21.7
Stop Delay (hr)	8.1
Stop Del/Veh (s)	16.1
Total Stops	1208
Stop/Veh	0.67
Travel Dist (mi)	620.6
Travel Time (hr)	27.4
Vehicles Entered	1795
Vehicles Exited	1785
Hourly Exit Rate	1785
Input Volume	1923
% of Volume	93
Denied Entry Before	0
Denied Entry After	0

14: Sanderson Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.0	0.0	2.7	0.3	0.3	0.0	0.0	0.0
Total Delay (hr)	1.4	2.7	0.4	1.5	2.2	0.2	1.4	6.2	0.7	2.1	7.5	0.5
Total Del/Veh (s)	47.5	40.2	17.9	43.2	28.5	6.8	47.1	27.9	20.6	52.9	26.7	13.0
Stop Delay (hr)	1.2	2.1	0.3	1.3	1.8	0.2	1.3	4.1	0.6	1.7	3.6	0.1
Stop Del/Veh (s)	40.8	30.3	12.2	38.8	22.8	6.5	42.2	18.5	15.5	42.6	12.7	2.6
Total Stops	93	200	76	110	181	74	98	489	83	122	502	64
Stop/Veh	0.89	0.81	0.95	0.89	0.64	0.69	0.90	0.62	0.65	0.87	0.49	0.46
Travel Dist (mi)	50.7	119.6	38.9	39.2	85.0	34.3	17.2	128.4	20.7	68.4	497.8	67.9
Travel Time (hr)	2.6	5.3	1.4	2.6	4.4	1.2	2.0	9.1	1.4	3.6	17.9	2.1
Vehicles Entered	103	242	79	122	280	106	107	787	127	137	1002	136
Vehicles Exited	102	240	78	121	276	106	108	789	127	137	999	136
Hourly Exit Rate	102	240	78	121	276	106	108	789	127	137	999	136
Input Volume	108	250	79	170	391	155	109	773	128	140	1012	132
% of Volume	94	96	99	71	71	68	99	102	99	98	99	103
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

14: Sanderson Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.2
Total Delay (hr)	26.9
Total Del/Veh (s)	29.6
Stop Delay (hr)	18.1
Stop Del/Veh (s)	19.9
Total Stops	2092
Stop/Veh	0.64
Travel Dist (mi)	1168.3
Travel Time (hr)	53.5
Vehicles Entered	3228
Vehicles Exited	3219
Hourly Exit Rate	3219
Input Volume	3447
% of Volume	93
Denied Entry Before	0
Denied Entry After	0

15: Kirby St & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	1.9	26.7	3.8	0.1	0.2	0.1	0.0	0.0	0.1	0.0	0.0	0.0
Denied Del/Veh (s)	175.4	211.5	182.8	3.6	1.9	5.8	0.6	0.6	3.4	0.0	0.0	0.3
Total Delay (hr)	2.1	24.6	4.0	8.9	66.6	5.7	0.7	2.3	0.2	0.3	1.7	0.2
Total Del/Veh (s)	221.2	223.8	219.8	517.6	503.9	502.8	29.9	31.5	8.5	22.9	24.2	10.9
Stop Delay (hr)	2.2	25.2	4.3	9.2	68.5	5.9	0.6	1.8	0.2	0.2	1.1	0.1
Stop Del/Veh (s)	231.3	229.7	232.1	535.1	517.9	521.4	26.3	24.9	6.0	18.0	16.2	6.4
Total Stops	17	182	30	62	466	41	81	262	97	44	249	52
Stop/Veh	0.50	0.46	0.45	1.00	0.98	1.00	0.99	0.99	1.01	1.00	0.99	1.04
Travel Dist (mi)	5.5	62.9	10.5	28.4	213.7	18.8	13.8	44.9	16.4	20.9	119.1	23.5
Travel Time (hr)	4.1	52.5	8.1	9.7	71.7	6.3	1.1	3.5	0.8	0.9	4.8	0.8
Vehicles Entered	34	390	65	61	468	41	81	263	95	44	249	50
Vehicles Exited	32	364	61	51	385	33	80	262	96	44	248	49
Hourly Exit Rate	32	364	61	51	385	33	80	262	96	44	248	49
Input Volume	42	499	76	81	592	49	82	261	93	47	256	49
% of Volume	76	73	80	63	65	67	98	100	103	94	97	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	5	64	9	0	1	0	0	0	0	0	0	0

15: Kirby St & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	32.9
Denied Del/Veh (s)	61.6
Total Delay (hr)	117.3
Total Del/Veh (s)	226.4
Stop Delay (hr)	119.3
Stop Del/Veh (s)	230.3
Total Stops	1583
Stop/Veh	0.85
Travel Dist (mi)	578.6
Travel Time (hr)	164.4
Vehicles Entered	1841
Vehicles Exited	1705
Hourly Exit Rate	1705
Input Volume	2127
% of Volume	80
Denied Entry Before	0
Denied Entry After	79

16: Lyon Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Denied Del/Veh (s)	0.2	0.0	0.1	0.0	0.0	0.0	3.6	0.6	3.6	1.5	0.1	1.7
Total Delay (hr)	0.3	2.8	0.1	8.1	44.2	2.8	0.9	2.1	0.2	0.7	2.1	0.1
Total Del/Veh (s)	54.3	21.6	9.5	284.7	243.7	121.7	101.9	34.7	9.5	46.3	32.1	13.4
Stop Delay (hr)	0.3	1.5	0.0	8.0	42.6	2.6	0.9	1.6	0.2	0.6	1.6	0.1
Stop Del/Veh (s)	47.5	12.0	4.4	279.1	234.8	113.4	98.0	25.9	7.1	42.1	23.8	11.6
Total Stops	22	227	18	136	602	85	32	169	62	50	169	13
Stop/Veh	0.96	0.49	0.50	1.32	0.92	1.02	1.00	0.76	0.73	0.93	0.70	0.68
Travel Dist (mi)	11.1	226.0	17.6	44.3	287.7	37.8	2.9	20.3	7.7	12.8	57.5	4.4
Travel Time (hr)	0.6	8.0	0.6	9.3	51.6	3.9	1.0	2.6	0.6	1.0	3.3	0.2
Vehicles Entered	23	457	36	101	641	81	32	221	84	53	238	18
Vehicles Exited	22	456	35	80	527	71	30	221	84	53	237	18
Hourly Exit Rate	22	456	35	80	527	71	30	221	84	53	237	18
Input Volume	32	579	39	111	677	80	30	209	86	55	256	20
% of Volume	69	79	90	72	78	89	100	106	98	96	93	90
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

16: Lyon Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.4
Total Delay (hr)	64.6
Total Del/Veh (s)	115.5
Stop Delay (hr)	60.0
Stop Del/Veh (s)	107.3
Total Stops	1585
Stop/Veh	0.79
Travel Dist (mi)	730.1
Travel Time (hr)	82.8
Vehicles Entered	1985
Vehicles Exited	1834
Hourly Exit Rate	1834
Input Volume	2174
% of Volume	84
Denied Entry Before	0
Denied Entry After	0

17: Palm Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	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	3.6	0.5	0.5	1.4	0.2	1.2
Total Delay (hr)	0.4	4.6	0.3	2.4	13.3	0.5	1.1	1.0	0.4	0.8	1.2	0.1
Total Del/Veh (s)	47.2	31.3	23.0	71.3	60.1	21.4	55.0	27.8	15.9	39.2	24.1	6.0
Stop Delay (hr)	0.3	2.3	0.2	1.8	8.9	0.4	1.0	0.7	0.3	0.8	1.0	0.1
Stop Del/Veh (s)	36.9	15.8	12.6	53.7	40.4	14.7	50.6	20.5	12.6	36.3	19.7	4.9
Total Stops	28	327	29	141	667	54	72	95	66	70	124	32
Stop/Veh	1.00	0.62	0.66	1.18	0.84	0.61	0.99	0.73	0.79	0.93	0.70	0.71
Travel Dist (mi)	13.2	257.2	21.5	56.9	380.1	43.4	10.5	18.7	12.1	6.5	15.6	4.0
Travel Time (hr)	0.7	10.0	0.8	3.9	23.2	1.7	1.5	1.5	0.8	1.1	1.6	0.2
Vehicles Entered	27	523	43	117	787	87	72	129	83	74	176	45
Vehicles Exited	27	523	44	111	743	84	70	128	83	74	174	44
Hourly Exit Rate	27	523	44	111	743	84	70	128	83	74	174	44
Input Volume	31	635	54	111	781	85	73	128	85	77	180	45
% of Volume	87	82	81	100	95	99	96	100	98	96	97	98
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

17: Palm Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.3
Total Delay (hr)	26.1
Total Del/Veh (s)	42.8
Stop Delay (hr)	17.7
Stop Del/Veh (s)	29.1
Total Stops	1705
Stop/Veh	0.78
Travel Dist (mi)	839.7
Travel Time (hr)	47.1
Vehicles Entered	2163
Vehicles Exited	2105
Hourly Exit Rate	2105
Input Volume	2285
% of Volume	92
Denied Entry Before	0
Denied Entry After	0

18: State St & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.0	0.0	2.4	0.2	0.3	2.9	0.2	0.3	0.0	0.0	0.0
Total Delay (hr)	1.6	5.1	0.5	2.4	10.8	2.2	1.1	5.0	1.0	4.7	6.8	1.5
Total Del/Veh (s)	56.0	34.4	26.4	66.9	50.4	39.8	53.3	35.3	24.8	68.4	35.0	31.1
Stop Delay (hr)	1.3	3.3	0.3	2.1	8.1	1.7	1.0	3.9	0.8	3.7	3.8	0.9
Stop Del/Veh (s)	47.4	22.3	18.3	57.1	37.9	31.3	47.8	27.4	20.0	54.1	19.4	18.1
Total Stops	105	346	43	176	705	180	78	379	114	278	459	115
Stop/Veh	1.03	0.65	0.68	1.34	0.92	0.90	1.08	0.74	0.77	1.13	0.66	0.68
Travel Dist (mi)	49.6	257.5	30.5	35.7	211.9	55.0	16.0	114.5	33.2	119.8	335.7	83.6
Travel Time (hr)	2.8	10.5	1.2	3.5	16.2	3.8	1.6	7.9	2.0	7.7	14.5	3.6
Vehicles Entered	100	524	62	128	757	197	70	504	146	241	686	167
Vehicles Exited	100	518	61	128	754	196	70	502	146	237	683	167
Hourly Exit Rate	100	518	61	128	754	196	70	502	146	237	683	167
Input Volume	117	610	77	130	741	196	67	502	154	243	693	169
% of Volume	85	85	79	98	102	100	104	100	95	98	99	99
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

18: State St & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.2
Total Delay (hr)	42.6
Total Del/Veh (s)	42.1
Stop Delay (hr)	30.9
Stop Del/Veh (s)	30.5
Total Stops	2978
Stop/Veh	0.82
Travel Dist (mi)	1342.9
Travel Time (hr)	75.3
Vehicles Entered	3582
Vehicles Exited	3562
Hourly Exit Rate	3562
Input Volume	3699
% of Volume	96
Denied Entry Before	0
Denied Entry After	0

19: Cawston Ave & Eaton Ave Performance by movement

Movement	WBL	WBR	NBT	NBR	SBL	SBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.2	2.5	0.0	0.0	0.3	0.0	0.2
Total Delay (hr)	0.0	0.0	1.0	0.1	0.2	1.1	2.3
Total Del/Veh (s)	4.5	2.6	9.9	5.8	8.1	9.5	8.8
Stop Delay (hr)	0.0	0.0	0.3	0.0	0.1	0.3	0.8
Stop Del/Veh (s)	2.9	2.3	3.0	2.7	3.3	2.8	2.9
Total Stops	31	52	337	47	68	391	926
Stop/Veh	1.00	0.98	0.97	1.00	0.97	0.98	0.98
Travel Dist (mi)	10.2	17.5	84.6	11.5	32.7	187.7	344.3
Travel Time (hr)	0.3	0.6	3.4	0.5	1.2	6.7	12.6
Vehicles Entered	30	53	345	47	69	393	937
Vehicles Exited	31	52	345	47	68	391	934
Hourly Exit Rate	31	52	345	47	68	391	934
Input Volume	31	49	349	46	73	414	962
% of Volume	100	106	99	102	93	94	97
Denied Entry Before	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0

20: Cawston Ave & Coriander Dr/Fruitvale Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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)	0.1	0.1	0.1	0.2	0.3	3.3	2.8	0.1	0.2	0.6	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.8	0.1	0.1	1.2	0.0
Total Del/Veh (s)	5.0	5.7	3.0	5.0	7.9	3.1	5.8	7.9	3.7	8.0	10.0	5.6
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.4	0.0
Stop Del/Veh (s)	3.5	3.9	2.9	3.0	3.6	2.6	3.1	2.8	2.5	3.3	2.9	2.7
Total Stops	1	1	5	44	3	36	5	354	58	51	436	2
Stop/Veh	1.00	1.00	1.00	0.98	1.00	0.97	1.00	0.99	1.00	1.00	0.99	1.00
Travel Dist (mi)	0.1	0.1	0.7	10.5	0.7	8.6	1.3	86.0	14.0	11.6	101.5	0.5
Travel Time (hr)	0.0	0.0	0.0	0.4	0.0	0.3	0.1	3.3	0.5	0.5	4.2	0.0
Vehicles Entered	1	1	5	44	3	36	5	354	58	51	437	2
Vehicles Exited	1	1	5	44	3	36	5	354	58	50	435	2
Hourly Exit Rate	1	1	5	44	3	36	5	354	58	50	435	2
Input Volume	2	1	5	44	3	34	7	359	58	53	456	2
% of Volume	50	100	100	100	100	106	71	99	100	94	95	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

20: Cawston Ave & Coriander Dr/Fruitvale Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.2
Total Delay (hr)	2.3
Total Del/Veh (s)	8.2
Stop Delay (hr)	0.8
Stop Del/Veh (s)	2.9
Total Stops	996
Stop/Veh	0.99
Travel Dist (mi)	235.5
Travel Time (hr)	9.4
Vehicles Entered	997
Vehicles Exited	994
Hourly Exit Rate	994
Input Volume	1024
% of Volume	97
Denied Entry Before	0
Denied Entry After	0

21: Cawston Ave & East Driveway Performance by movement

Movement	EBL	EBR	WBL	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
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
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	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	0.1	0.2	0.0	0.0	0.2	0.0	0.6
Total Del/Veh (s)	8.8	3.4	9.7	3.0	5.0	2.5	3.2	4.8	2.8	2.4	3.0
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Stop Del/Veh (s)	6.7	3.1	8.0	2.8	1.3	0.2	0.2	1.6	0.5	0.5	0.8
Total Stops	19	33	2	2	16	0	0	0	0	0	72
Stop/Veh	1.00	1.00	1.00	1.00	0.31	0.00	0.00	0.00	0.00	0.00	0.10
Travel Dist (mi)	1.6	2.9	0.1	0.1	12.8	68.9	0.6	0.5	73.3	6.9	167.8
Travel Time (hr)	0.1	0.2	0.0	0.0	0.5	2.3	0.0	0.0	2.4	0.3	5.8
Vehicles Entered	19	33	2	2	51	277	2	2	286	27	701
Vehicles Exited	19	33	2	2	51	276	2	2	286	27	700
Hourly Exit Rate	19	33	2	2	51	276	2	2	286	27	700
Input Volume	18	36	2	2	55	294	2	2	299	28	738
% of Volume	106	92	100	100	93	94	100	100	96	96	95
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0

22: Esplanade Ave & South Driveway 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)	0.8	0.1	0.0	0.0	0.1	0.1	0.1
Total Delay (hr)	0.0	0.2	0.4	0.1	0.2	0.0	0.9
Total Del/Veh (s)	3.8	1.5	3.0	2.7	12.0	4.9	2.8
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.1	0.0	0.3
Stop Del/Veh (s)	2.4	0.3	0.2	0.2	10.3	4.4	0.8
Total Stops	12	0	0	0	50	18	80
Stop/Veh	0.40	0.00	0.00	0.00	1.00	0.95	0.07
Travel Dist (mi)	19.8	307.8	94.6	14.6	4.2	1.6	442.6
Travel Time (hr)	0.5	6.8	2.7	0.5	0.3	0.1	11.0
Vehicles Entered	29	451	513	78	50	19	1140
Vehicles Exited	28	453	512	78	49	18	1138
Hourly Exit Rate	28	453	512	78	49	18	1138
Input Volume	28	459	588	83	53	18	1229
% of Volume	100	99	87	94	92	100	93
Denied Entry Before	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0

Total Network Performance

Denied Delay (hr)	38.3
Denied Del/Veh (s)	7.9
Total Delay (hr)	531.6
Total Del/Veh (s)	106.4
Stop Delay (hr)	402.0
Stop Del/Veh (s)	80.5
Total Stops	31119
Stop/Veh	1.73
Travel Dist (mi)	20537.9
Travel Time (hr)	1047.7
Vehicles Entered	17289
Vehicles Exited	16772
Hourly Exit Rate	16772
Input Volume	69025
% of Volume	24
Denied Entry Before	1
Denied Entry After	81

Intersection: 1: Sanderson Ave & Ramona Expy

Movement	EB	EB	EB	EB	EB	WB	WB	WB	WB	WB	NB	NB
Directions Served	L	L	T	T	R	L	L	T	T	R	L	L
Maximum Queue (ft)	235	256	248	242	159	52	79	236	275	326	100	206
Average Queue (ft)	144	167	152	149	72	17	29	146	132	205	46	60
95th Queue (ft)	214	230	227	221	136	43	63	218	234	319	86	143
Link Distance (ft)			1976	1976				2634	2634			
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	400	400			180	375	375			143	400	400
Storage Blk Time (%)				3	0				4	21		
Queuing Penalty (veh)				7	0				23	42		

Intersection: 1: Sanderson Ave & Ramona Expy

Movement	NB	NB	NB	SB	SB	SB	SB	SB
Directions Served	T	T	R	L	L	T	T	R
Maximum Queue (ft)	394	403	38	335	421	1252	1220	361
Average Queue (ft)	240	233	6	209	231	318	326	138
95th Queue (ft)	368	374	22	311	358	754	815	305
Link Distance (ft)	873	873	873			2486	2486	
Upstream Blk Time (%)						0	0	
Queuing Penalty (veh)						0	0	
Storage Bay Dist (ft)				400	400			250
Storage Blk Time (%)	1			0	0	1	13	0
Queuing Penalty (veh)	2			0	0	10	59	2

Intersection: 2: Sanderson Ave & Ramona Blvd

Movement	NB	NB	NB	SB	SB	SB	NW	NW
Directions Served	T	T	R	L	T	T	L	R
Maximum Queue (ft)	194	158	58	225	183	158	118	93
Average Queue (ft)	105	59	16	120	42	57	36	32
95th Queue (ft)	171	124	44	204	132	132	83	68
Link Distance (ft)	969	969			873	873	2330	
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)			120	170				50
Storage Blk Time (%)		0		4	0		8	2
Queuing Penalty (veh)		0		28	0		8	1

Intersection: 3: Cawston Ave & Cottonwood Ave

Movement	EB	WB	WB	NB	NB	SB	SB
Directions Served	T	L	TR	LT	R	LT	R
Maximum Queue (ft)	4	56	6	91	64	64	44
Average Queue (ft)	0	16	0	45	32	26	17
95th Queue (ft)	3	41	3	76	53	55	43
Link Distance (ft)	830		1962	697		682	
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)		195			150		150
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 4: Sanderson Ave & Cottonwood Ave

Movement	EB	EB	EB	EB	EB	WB	WB	WB	WB	NB	NB	NB
Directions Served	L	L	T	T	R	L	L	T	R	L	L	T
Maximum Queue (ft)	69	84	98	97	79	86	121	172	80	71	49	208
Average Queue (ft)	31	40	51	47	29	19	47	80	32	25	6	89
95th Queue (ft)	62	73	89	88	61	55	92	145	67	56	31	171
Link Distance (ft)			507	507				1294	1294			2541
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	300	300			205	320	320			300	300	
Storage Blk Time (%)												
Queuing Penalty (veh)												

Intersection: 4: Sanderson Ave & Cottonwood Ave

Movement	NB	NB	SB	SB	SB	SB	SB
Directions Served	T	R	L	L	T	T	R
Maximum Queue (ft)	206	61	159	191	306	288	58
Average Queue (ft)	98	19	39	97	173	150	29
95th Queue (ft)	183	47	115	163	270	249	51
Link Distance (ft)	2541				915	915	
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)		210	290	290			200
Storage Blk Time (%)	0				0	2	
Queuing Penalty (veh)	0				1	3	

Intersection: 5: North Driveway/Karpick St & 7th St

Movement	WB	NB	SB
Directions Served	L	LTR	LTR
Maximum Queue (ft)	34	61	56
Average Queue (ft)	3	32	20
95th Queue (ft)	19	51	49
Link Distance (ft)		297	136
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)	150		
Storage Blk Time (%)			
Queuing Penalty (veh)			

Intersection: 6: Cawston Ave & 7th St

Movement	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	LTR	L	T	TR	L	TR	LT	R
Maximum Queue (ft)	69	79	68	69	70	141	113	20
Average Queue (ft)	28	37	36	37	23	68	46	6
95th Queue (ft)	52	65	57	59	54	111	83	21
Link Distance (ft)	576		1110	1110		1288	1226	1226
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)		160			85			
Storage Blk Time (%)					0	2		
Queuing Penalty (veh)					0	1		

Intersection: 7: Sanderson Ave & 7th St

Movement	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB	SB
Directions Served	L	TR	L	T	R	L	T	TR	L	T	T	R
Maximum Queue (ft)	77	196	184	193	66	111	224	263	142	248	268	49
Average Queue (ft)	35	75	102	91	24	34	71	98	58	100	111	12
95th Queue (ft)	77	153	166	164	51	81	176	211	119	216	230	35
Link Distance (ft)		1368		646			2569	2569		2541	2541	
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	53		145		600	300			360			360
Storage Blk Time (%)	4	14	2	1			0					
Queuing Penalty (veh)	7	8	7	4			0					

Intersection: 8: Kirby St & 7th St

Movement	EB	EB	WB	WB	NB	NB	SB	SB
Directions Served	LT	R	L	TR	LT	R	LT	R
Maximum Queue (ft)	207	108	56	118	98	61	103	45
Average Queue (ft)	94	21	30	61	50	24	53	12
95th Queue (ft)	174	68	48	101	80	44	87	38
Link Distance (ft)	1855			2533	2574		620	
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)		110	150			280		70
Storage Blk Time (%)	9	0		0			3	
Queuing Penalty (veh)	4	0		0			0	

Intersection: 9: Lyon Ave & 7th St

Movement	EB	EB	WB	NB	NB	SB	SB	SB
Directions Served	L	TR	LTR	LT	R	L	T	R
Maximum Queue (ft)	50	218	1037	196	96	50	87	50
Average Queue (ft)	13	81	560	86	30	20	42	18
95th Queue (ft)	50	165	1367	152	67	46	70	42
Link Distance (ft)		2533	2566	1006			429	429
Upstream Blk Time (%)			0					
Queuing Penalty (veh)			0					
Storage Bay Dist (ft)	150				105	150		
Storage Blk Time (%)		4		5	0			
Queuing Penalty (veh)		1		3	0			

Intersection: 10: Palm Ave & 7th St

Movement	EB	EB	WB	WB	B52	NB	SB
Directions Served	L	TR	L	TR	T	LTR	LTR
Maximum Queue (ft)	82	149	170	540	38	124	109
Average Queue (ft)	26	77	107	310	6	64	52
95th Queue (ft)	58	123	224	580	46	105	87
Link Distance (ft)		2566		601	1929	2000	350
Upstream Blk Time (%)				4			
Queuing Penalty (veh)				30			
Storage Bay Dist (ft)	100		75				
Storage Blk Time (%)		4	0	74			
Queuing Penalty (veh)		2	0	50			

Intersection: 11: State St & 7th St

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	R	L	T	R	L	T	TR	L	T	TR
Maximum Queue (ft)	160	316	216	140	468	120	144	250	264	175	442	374
Average Queue (ft)	77	160	44	77	254	29	56	131	155	106	238	203
95th Queue (ft)	154	272	125	150	420	87	120	236	258	190	372	322
Link Distance (ft)		1929			721	721		2560	2560		491	491
Upstream Blk Time (%)											0	0
Queuing Penalty (veh)											0	0
Storage Bay Dist (ft)	95		215	60			85			105		
Storage Blk Time (%)	8	25	0	14	42		3	21		8	32	
Queuing Penalty (veh)	34	42	0	69	42		8	15		36	39	

Intersection: 12: Warren Ave & Esplanade Ave

Movement	EB	WB	WB	NB	SB
Directions Served	LTR	L	TR	LTR	LTR
Maximum Queue (ft)	55	78	66	506	173
Average Queue (ft)	23	39	33	213	86
95th Queue (ft)	50	64	57	429	143
Link Distance (ft)	671	4426	4426	1142	1186
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)					
Storage Blk Time (%)					
Queuing Penalty (veh)					

Intersection: 13: Cawston Ave & Esplanade Ave

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	T	R	L	TR
Maximum Queue (ft)	83	124	166	99	125	156	200	225	62	80	236
Average Queue (ft)	39	61	88	43	55	77	99	96	25	32	125
95th Queue (ft)	76	108	147	86	105	136	171	181	54	64	206
Link Distance (ft)		906	906		2540	2540		2579	2579	1246	1246
Upstream Blk Time (%)											
Queuing Penalty (veh)											
Storage Bay Dist (ft)	150			150			150				
Storage Blk Time (%)		0			0		3	1			
Queuing Penalty (veh)		0			0		7	2			

Intersection: 14: Sanderson Ave & Esplanade Ave

Movement	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB
Directions Served	L	T	T	R	L	T	R	L	T	TR	L	T
Maximum Queue (ft)	144	126	173	80	152	224	82	157	301	309	221	315
Average Queue (ft)	68	59	81	47	82	128	36	67	174	166	95	166
95th Queue (ft)	123	110	148	97	138	198	66	130	266	269	172	278
Link Distance (ft)		2540	2540			1649	1649		840	840		2569
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	130			55	155			225			245	
Storage Blk Time (%)	1	1	22	2	0	4		0	2			2
Queuing Penalty (veh)	2	1	17	2	1	8		0	3			2

Intersection: 14: Sanderson Ave & Esplanade Ave

Movement	SB	SB
Directions Served	T	R
Maximum Queue (ft)	330	269
Average Queue (ft)	177	51
95th Queue (ft)	290	161
Link Distance (ft)	2569	
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		200
Storage Blk Time (%)	5	
Queuing Penalty (veh)	7	

Intersection: 15: Kirby St & Esplanade Ave

Movement	EB	B60	WB	NB	NB	SB	SB
Directions Served	LTR	T	LTR	LT	R	LT	R
Maximum Queue (ft)	945	816	2584	297	100	203	116
Average Queue (ft)	778	296	2014	124	42	89	31
95th Queue (ft)	1143	838	3335	271	114	162	80
Link Distance (ft)	834	1649	2574	903		2574	
Upstream Blk Time (%)	60		8				
Queuing Penalty (veh)	312		57				
Storage Bay Dist (ft)					132		100
Storage Blk Time (%)				14		10	
Queuing Penalty (veh)				13		5	

Intersection: 16: Lyon Ave & Esplanade Ave

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	R	L	T	R	L	T	R	L	T	R
Maximum Queue (ft)	109	244	56	220	2544	2190	124	229	138	119	205	37
Average Queue (ft)	22	139	10	132	1130	662	37	113	30	41	109	7
95th Queue (ft)	67	211	37	271	2784	1946	96	199	86	90	183	25
Link Distance (ft)		2574			2526	2526		476			1520	
Upstream Blk Time (%)					6	0						
Queuing Penalty (veh)					28	2						
Storage Bay Dist (ft)	122		122	140			120		120	118		118
Storage Blk Time (%)		10		0	55		3	8	0	0	7	
Queuing Penalty (veh)		7		3	61		8	10	0	0	5	

Intersection: 17: Palm Ave & Esplanade Ave

Movement	EB	EB	WB	WB	WB	NB	NB	SB	SB	SB		
Directions Served	L	TR	L	T	R	L	TR	L	T	R		
Maximum Queue (ft)	207	387	315	1314	808	136	246	114	164	58		
Average Queue (ft)	32	197	149	452	140	52	99	53	82	23		
95th Queue (ft)	124	340	337	1140	667	109	207	97	139	50		
Link Distance (ft)		2526		2572	2572		765		508			
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	160		250			75		150		150		
Storage Blk Time (%)		15	0	25		7	15	0	0			
Queuing Penalty (veh)		5	0	28		15	11	0	1			

Intersection: 18: State St & Esplanade Ave

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	T	TR	L	T	TR
Maximum Queue (ft)	145	234	237	195	516	495	154	281	279	150	402	398
Average Queue (ft)	85	134	145	140	306	291	77	172	163	138	237	222
95th Queue (ft)	150	211	217	236	498	481	155	252	252	174	392	369
Link Distance (ft)		2572	2572		1477	1477		1199	1199		2560	2560
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	100			140			105			100		
Storage Blk Time (%)	9	20		5	43		1	29		44	19	
Queuing Penalty (veh)	26	24		19	56		3	19		148	45	

Intersection: 19: Cawston Ave & Eaton Ave

Movement	WB	WB	NB	NB	SB	SB	SB
Directions Served	L	R	T	TR	L	T	T
Maximum Queue (ft)	48	58	74	78	59	79	74
Average Queue (ft)	18	26	42	38	32	43	45
95th Queue (ft)	43	47	65	61	54	65	68
Link Distance (ft)	1756		1246	1246		2579	2579
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)		50			105		
Storage Blk Time (%)	0	0				0	
Queuing Penalty (veh)	0	0				0	

Intersection: 20: Cawston Ave & Coriander Dr/Fruitvale Ave

Movement	EB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	LTR	LT	R	L	T	TR	L	T	TR
Maximum Queue (ft)	30	47	54	31	80	70	47	67	67
Average Queue (ft)	6	25	22	5	43	40	23	32	34
95th Queue (ft)	26	47	48	24	67	61	42	54	57
Link Distance (ft)	670	1254			1280	1280		1246	1246
Upstream Blk Time (%)									
Queuing Penalty (veh)									
Storage Bay Dist (ft)			50	150			58		
Storage Blk Time (%)		0	0				0	0	
Queuing Penalty (veh)		0	0				0	0	

Intersection: 21: Cawston Ave & East Driveway

Movement	EB	WB	NB	SB
Directions Served	LTR	LTR	L	L
Maximum Queue (ft)	54	28	44	12
Average Queue (ft)	25	4	13	0
95th Queue (ft)	48	20	39	7
Link Distance (ft)	449	354		
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)			150	150
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 22: Esplanade Ave & South Driveway

Movement	EB	WB	WB	SB
Directions Served	L	T	TR	LR
Maximum Queue (ft)	32	2	4	78
Average Queue (ft)	9	0	0	34
95th Queue (ft)	30	2	3	63
Link Distance (ft)		906	906	443
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)	150			
Storage Blk Time (%)				
Queuing Penalty (veh)				

Network Summary

Network wide Queuing Penalty: 1550

Intersection: 1: Sanderson Ave & Ramona Expy

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	29.5	26.5	7.5	28.5	7.5	48.5	19.5	16.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	9.0	6.9	6.9	-9.6	7.3	8.4	-1.0	-3.4
g/C Ratio	1.24	0.95	0.80	-1.32	1.01	1.15	-0.14	-0.46
Cycles Skipped (%)	0	0	16	0	0	0	0	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	91	100	38	91	84	100	81	88
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 7.3
Number of Complete Cycles : 32

Intersection: 2: Sanderson Ave & Ramona Blvd

Phase	1	2	3	6	8
Movement(s) Served	SBL	NBT	NWL	SBT	NWR
Maximum Green (s)	18.5	55.5	22.5	78.5	22.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	Min	None
Avg. Green (s)	0.6	-1.6	7.7	6.3	7.4
g/C Ratio	0.12	-0.37	0.96	0.96	1.14
Cycles Skipped (%)	8	0	46	33	33
Cycles @ Minimum (%)	0	0	0	0	8
Cycles Maxed Out (%)	18	7	0	20	0
Cycles with Peds (%)	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 4.3
Number of Complete Cycles : 61

Intersection: 4: Sanderson Ave & Cottonwood Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	8.5	40.5	11.5	31.5	8.5	40.5	12.5	30.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	-6.9	2.5	-8.3	0.6	6.8	-6.1	-7.6	0.4
g/C Ratio	-1.20	0.45	-1.27	0.11	0.66	-1.08	-1.21	0.06
Cycles Skipped (%)	2	0	14	2	45	0	11	5
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	77	13	16	2	9	57	9	0
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 5.6
Number of Complete Cycles : 44

Intersection: 7: Sanderson Ave & 7th St

Phase	2	4	6	8
Movement(s) Served	NBTL	EBTL	SBTL	WBTL
Maximum Green (s)	61.5	39.5	61.5	39.5
Minimum Green (s)	5.0	5.0	5.0	5.0
Recall	Min	None	Min	None
Avg. Green (s)	1.1	-3.9	1.1	-3.9
g/C Ratio	0.21	-0.74	0.21	-0.74
Cycles Skipped (%)	0	0	0	0
Cycles @ Minimum (%)	0	0	0	0
Cycles Maxed Out (%)	35	12	35	12
Cycles with Peds (%)	0	0	0	0

Controller Summary

Average Cycle Length (s): 5.3
Number of Complete Cycles : 43

Intersection: 11: State St & 7th St

Phase	1	2	4	5	6	8
Movement(s) Served	SBL	NBT	EBTL	NBL	SBT	WBTL
Maximum Green (s)	15.5	39.5	41.5	9.5	45.5	41.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	Min	None
Avg. Green (s)	-8.1	0.6	2.0	8.3	5.7	2.0
g/C Ratio	-1.32	0.10	0.34	1.13	0.94	0.34
Cycles Skipped (%)	3	0	0	18	0	0
Cycles @ Minimum (%)	0	0	0	0	0	0
Cycles Maxed Out (%)	21	51	71	35	57	71
Cycles with Peds (%)	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 6.0

Number of Complete Cycles : 34

Intersection: 13: Cawston Ave & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	10.5	24.5	14.5	42.5	10.5	24.5	9.5	47.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	None	None	Min	None	None	None	Min
Avg. Green (s)	9.2	-2.3	8.0	-3.8	-3.1	4.1	7.1	-3.1
g/C Ratio	1.00	-0.45	1.03	-0.80	-0.59	0.79	0.92	-0.65
Cycles Skipped (%)	48	6	39	0	9	9	39	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	7	43	0	0	51	19	9	0
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 4.7

Number of Complete Cycles : 54

Intersection: 14: Sanderson Ave & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	16.5	35.5	16.5	23.5	11.5	40.5	14.5	25.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	-7.4	0.7	-7.6	4.1	9.7	3.1	-9.9	5.7
g/C Ratio	-1.00	0.11	-1.05	0.59	1.31	0.45	-1.30	0.81
Cycles Skipped (%)	6	0	3	0	6	0	9	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	19	78	11	54	37	61	14	39
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 7.0

Number of Complete Cycles : 35

Intersection: 16: Lyon Ave & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	7.5	23.5	13.5	47.5	5.5	25.5	5.5	55.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	None	None	Min	None	None	None	Min
Avg. Green (s)	7.2	2.9	8.7	-7.0	6.0	4.7	5.8	-0.8
g/C Ratio	0.82	0.48	1.17	-1.13	0.58	0.76	0.38	-0.13
Cycles Skipped (%)	30	0	18	0	40	0	59	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	43	31	8	32	58	25	38	58
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 6.1

Number of Complete Cycles : 40

Intersection: 17: Palm Ave & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	6.5	43.5	8.5	33.5	7.5	42.5	8.5	33.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	6.2	3.3	-7.5	2.5	7.1	2.9	6.9	-5.1
g/C Ratio	0.90	0.63	-1.23	0.46	0.99	0.55	0.53	-0.96
Cycles Skipped (%)	23	0	13	2	26	0	59	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	49	0	49	54	49	0	2	87
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 5.3
Number of Complete Cycles : 46

Intersection: 18: State St & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	21.5	25.5	15.5	29.5	8.5	38.5	15.5	29.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	-1.5	8.3	-8.2	-8.2	7.8	0.4	10.5	-6.2
g/C Ratio	-0.23	1.26	-1.21	-1.25	1.04	0.06	1.50	-0.94
Cycles Skipped (%)	0	0	3	0	12	0	6	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	38	82	21	68	35	71	9	100
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 6.6
Number of Complete Cycles : 34

Appendix F - SimTraffic Reports – Opening Year Plus Project and Improvement Operations

Summary of All Intervals

Run Number	1	2	3	4	5	6	7
Start Time	7:25	7:25	7:25	7:25	7:25	7:25	7:25
End Time	8:30	8:30	8:30	8:30	8:30	8:30	8:30
Total Time (min)	65	65	65	65	65	65	65
Time Recorded (min)	60	60	60	60	60	60	60
# of Intervals	2	2	2	2	2	2	2
# of Recorded Intervals	1	1	1	1	1	1	1
Vehs Entered	14913	14819	14868	15032	14878	14888	14843
Vehs Exited	14757	14745	14665	14857	14735	14667	14714
Starting Vehs	569	586	574	608	576	562	590
Ending Vehs	725	660	777	783	719	783	719
Denied Entry Before	4	2	1	2	2	4	5
Denied Entry After	4	1	3	0	1	7	3
Travel Distance (mi)	18020	17966	18024	18244	17940	17972	18028
Travel Time (hr)	708.4	704.5	711.1	734.9	694.9	724.4	721.3
Total Delay (hr)	287.0	283.4	288.0	307.9	273.9	302.2	297.7
Total Stops	26610	26461	26933	27191	26265	26881	27079
Fuel Used (gal)	715.6	711.8	713.8	725.6	707.2	712.5	718.8

Summary of All Intervals

Run Number	8	9	10	Avg
Start Time	7:25	7:25	7:25	7:25
End Time	8:30	8:30	8:30	8:30
Total Time (min)	65	65	65	65
Time Recorded (min)	60	60	60	60
# of Intervals	2	2	2	2
# of Recorded Intervals	1	1	1	1
Vehs Entered	14992	15037	15089	14931
Vehs Exited	14826	14889	15022	14790
Starting Vehs	581	573	627	577
Ending Vehs	747	721	694	720
Denied Entry Before	3	4	4	0
Denied Entry After	1	3	3	1
Travel Distance (mi)	17979	18166	18347	18069
Travel Time (hr)	726.4	757.0	730.9	721.4
Total Delay (hr)	305.0	330.3	300.6	297.6
Total Stops	26443	27654	27263	26876
Fuel Used (gal)	714.4	725.7	728.2	717.4

Interval #0 Information Seeding

Start Time	7:25
End Time	7:30
Total Time (min)	5

Volumes adjusted by Growth Factors.

No data recorded this interval.

Interval #1 Information Recording

Start Time	7:30
End Time	8:30
Total Time (min)	60

Volumes adjusted by Growth Factors.

Run Number	1	2	3	4	5	6	7
Vehs Entered	14913	14819	14868	15032	14878	14888	14843
Vehs Exited	14757	14745	14665	14857	14735	14667	14714
Starting Vehs	569	586	574	608	576	562	590
Ending Vehs	725	660	777	783	719	783	719
Denied Entry Before	4	2	1	2	2	4	5
Denied Entry After	4	1	3	0	1	7	3
Travel Distance (mi)	18020	17966	18024	18244	17940	17972	18028
Travel Time (hr)	708.4	704.5	711.1	734.9	694.9	724.4	721.3
Total Delay (hr)	287.0	283.4	288.0	307.9	273.9	302.2	297.7
Total Stops	26610	26461	26933	27191	26265	26881	27079
Fuel Used (gal)	715.6	711.8	713.8	725.6	707.2	712.5	718.8

Interval #1 Information Recording

Start Time	7:30
End Time	8:30
Total Time (min)	60

Volumes adjusted by Growth Factors.

Run Number	8	9	10	Avg
Vehs Entered	14992	15037	15089	14931
Vehs Exited	14826	14889	15022	14790
Starting Vehs	581	573	627	577
Ending Vehs	747	721	694	720
Denied Entry Before	3	4	4	0
Denied Entry After	1	3	3	1
Travel Distance (mi)	17979	18166	18347	18069
Travel Time (hr)	726.4	757.0	730.9	721.4
Total Delay (hr)	305.0	330.3	300.6	297.6
Total Stops	26443	27654	27263	26876
Fuel Used (gal)	714.4	725.7	728.2	717.4

1: Sanderson Ave & Ramona Expy Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.3	0.0	0.1	0.0	0.0	0.4	0.0	0.0	0.0	0.3	0.1	0.2
Denied Del/Veh (s)	2.7	0.4	2.5	2.2	0.4	2.1	0.0	0.0	0.0	2.0	0.6	1.8
Total Delay (hr)	12.3	3.0	0.2	0.6	6.4	22.0	2.7	15.9	0.1	8.3	3.9	0.9
Total Del/Veh (s)	91.6	32.2	7.3	52.5	57.0	126.7	57.8	54.4	7.5	55.2	23.5	10.3
Stop Delay (hr)	10.9	2.0	0.1	0.6	4.5	17.2	2.3	10.8	0.1	6.8	2.1	0.5
Stop Del/Veh (s)	80.6	21.7	4.5	47.2	40.2	99.2	49.4	36.9	6.0	44.8	13.0	5.4
Total Stops	556	206	55	39	379	647	160	928	31	497	287	162
Stop/Veh	1.15	0.61	0.59	0.93	0.94	1.04	0.95	0.88	0.60	0.92	0.48	0.49
Travel Dist (mi)	176.2	123.8	34.5	20.3	197.4	302.5	29.5	185.2	9.3	251.4	278.5	153.3
Travel Time (hr)	16.4	5.0	1.0	1.0	9.5	28.6	3.5	19.5	0.4	13.8	8.7	4.4
Vehicles Entered	469	329	92	40	394	610	165	1036	52	532	589	324
Vehicles Exited	470	332	92	41	394	585	165	1032	52	530	586	324
Hourly Exit Rate	470	332	92	41	394	585	165	1032	52	530	586	324
Input Volume	476	331	90	45	391	607	168	1039	54	529	597	311
% of Volume	99	100	102	91	101	96	98	99	96	100	98	104
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	1	0	0	0	0	0	0

1: Sanderson Ave & Ramona Expy Performance by movement

Movement	All
Denied Delay (hr)	1.4
Denied Del/Veh (s)	1.1
Total Delay (hr)	76.4
Total Del/Veh (s)	58.2
Stop Delay (hr)	57.9
Stop Del/Veh (s)	44.1
Total Stops	3947
Stop/Veh	0.84
Travel Dist (mi)	1761.8
Travel Time (hr)	111.7
Vehicles Entered	4632
Vehicles Exited	4603
Hourly Exit Rate	4603
Input Volume	4638
% of Volume	99
Denied Entry Before	0
Denied Entry After	1

2: Sanderson Ave & Ramona Blvd Performance by movement

Movement	NBT	NBR	SBL	SBT	NWL	NWR	All
Denied Delay (hr)	0.1	0.0	0.0	0.0	0.0	0.1	0.2
Denied Del/Veh (s)	0.3	2.5	0.0	0.0	0.3	2.0	0.3
Total Delay (hr)	3.0	0.0	0.7	1.2	0.5	0.3	5.8
Total Del/Veh (s)	9.8	2.7	26.8	6.9	27.4	7.8	10.0
Stop Delay (hr)	0.9	0.0	0.6	0.1	0.5	0.2	2.3
Stop Del/Veh (s)	2.9	1.1	21.3	0.8	24.4	6.0	4.0
Total Stops	295	11	82	66	58	122	634
Stop/Veh	0.26	0.26	0.83	0.10	0.87	0.87	0.30
Travel Dist (mi)	205.1	7.8	17.9	116.6	28.8	61.1	437.3
Travel Time (hr)	6.9	0.3	1.2	3.6	1.2	2.0	15.2
Vehicles Entered	1115	42	97	626	65	138	2083
Vehicles Exited	1115	42	97	630	65	138	2087
Hourly Exit Rate	1115	42	97	630	65	138	2087
Input Volume	1126	42	95	640	71	135	2109
% of Volume	99	100	102	98	92	102	99
Denied Entry Before	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0

3: Cawston Ave & Cottonwood Ave Performance by movement

Movement	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	All
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
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.6	0.2	0.2	0.1
Total Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.2	0.7
Total Del/Veh (s)	0.6	0.1	2.7	1.6	0.9	9.0	9.8	3.4	9.1	9.9	3.1
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.4
Stop Del/Veh (s)	0.0	0.0	0.8	0.0	0.0	7.1	5.7	2.8	6.7	6.1	1.7
Total Stops	0	0	14	0	0	48	22	89	36	69	278
Stop/Veh	0.00	0.00	0.24	0.00	0.00	0.98	1.00	1.00	1.00	1.00	0.33
Travel Dist (mi)	40.6	4.1	22.0	80.7	4.9	6.4	2.8	11.7	4.6	8.9	186.9
Travel Time (hr)	0.9	0.1	0.5	1.7	0.1	0.3	0.1	0.5	0.3	0.5	5.1
Vehicles Entered	257	26	58	228	13	48	22	89	36	69	846
Vehicles Exited	258	26	57	227	13	48	22	89	36	68	844
Hourly Exit Rate	258	26	57	227	13	48	22	89	36	68	844
Input Volume	257	27	59	232	12	52	22	87	35	65	848
% of Volume	100	96	97	98	108	92	100	102	103	105	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0

4: Sanderson Ave & Cottonwood Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Denied Del/Veh (s)	0.0	0.0	0.9	3.4	0.3	0.2	0.1	0.0	0.0	2.9	0.2	3.0
Total Delay (hr)	1.2	1.8	0.1	0.8	1.4	0.5	0.6	4.8	0.1	0.6	2.8	0.1
Total Del/Veh (s)	30.2	22.4	5.0	35.1	28.3	10.4	40.0	20.9	8.7	36.8	15.2	3.2
Stop Delay (hr)	1.1	1.4	0.1	0.7	1.0	0.4	0.5	2.4	0.1	0.6	1.7	0.0
Stop Del/Veh (s)	28.0	17.4	4.8	32.1	21.2	9.3	33.8	10.4	3.3	33.9	9.1	1.5
Total Stops	121	191	41	69	129	121	46	427	34	54	306	33
Stop/Veh	0.84	0.65	0.71	0.88	0.72	0.73	0.92	0.51	0.55	0.90	0.46	0.45
Travel Dist (mi)	13.4	27.5	5.5	19.0	43.3	40.7	24.2	407.7	30.5	10.3	114.9	12.9
Travel Time (hr)	1.7	2.4	0.3	1.3	2.4	1.6	1.2	14.2	0.9	1.0	5.4	0.5
Vehicles Entered	142	292	57	77	175	165	49	825	62	59	660	74
Vehicles Exited	143	292	57	77	175	164	49	822	61	59	660	74
Hourly Exit Rate	143	292	57	77	175	164	49	822	61	59	660	74
Input Volume	144	282	59	77	177	162	46	841	59	58	647	80
% of Volume	99	104	97	100	99	101	107	98	103	102	102	92
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

4: Sanderson Ave & Cottonwood Ave Performance by movement

Movement	All
Denied Delay (hr)	0.3
Denied Del/Veh (s)	0.4
Total Delay (hr)	14.8
Total Del/Veh (s)	20.0
Stop Delay (hr)	10.0
Stop Del/Veh (s)	13.5
Total Stops	1572
Stop/Veh	0.59
Travel Dist (mi)	749.9
Travel Time (hr)	33.0
Vehicles Entered	2637
Vehicles Exited	2633
Hourly Exit Rate	2633
Input Volume	2632
% of Volume	100
Denied Entry Before	0
Denied Entry After	0

5: North Driveway/Karpick St & 7th St Performance by movement

Movement	EBL	EBT	WBL	WBT	WBR	NBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	5.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1
Total Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2
Total Del/Veh (s)	1.9	0.3	3.7	2.5	2.3	3.2	4.6	2.2	2.4
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
Stop Del/Veh (s)	0.1	0.0	0.6	0.5	0.5	2.7	3.3	2.0	1.3
Total Stops	0	0	2	0	0	79	34	2	117
Stop/Veh	0.00	0.00	0.08	0.00	0.00	1.00	1.00	1.00	0.39
Travel Dist (mi)	0.1	7.7	3.0	6.1	3.0	4.4	0.9	0.0	25.4
Travel Time (hr)	0.0	0.2	0.1	0.2	0.1	0.3	0.1	0.0	1.1
Vehicles Entered	1	82	24	52	24	79	34	2	298
Vehicles Exited	1	82	25	52	24	79	34	2	299
Hourly Exit Rate	1	82	25	52	24	79	34	2	299
Input Volume	2	78	27	54	24	82	34	1	302
% of Volume	50	105	93	96	100	96	100	200	99
Denied Entry Before	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0

6: Cawston Ave & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Delay (hr)	0.0	0.4	0.0	0.3	0.1	0.0	0.0	0.2	0.1	0.1	0.4	0.0
Total Del/Veh (s)	6.4	9.3	4.6	7.6	7.9	2.9	6.5	9.1	4.9	7.0	9.5	1.8
Stop Delay (hr)	0.0	0.2	0.0	0.2	0.1	0.0	0.0	0.1	0.1	0.1	0.2	0.0
Stop Del/Veh (s)	4.2	4.6	4.2	4.8	3.5	2.7	3.9	4.3	3.7	4.3	4.4	2.3
Total Stops	13	142	37	155	67	38	16	87	76	61	150	18
Stop/Veh	0.93	0.97	1.00	0.99	0.99	1.00	1.00	0.94	0.99	1.00	0.99	1.00
Travel Dist (mi)	1.6	17.2	4.4	33.9	14.6	8.3	4.1	22.7	19.3	12.1	30.4	3.6
Travel Time (hr)	0.1	1.0	0.2	1.4	0.6	0.3	0.2	0.9	0.7	0.5	1.3	0.1
Vehicles Entered	14	145	37	156	68	38	16	92	76	60	149	18
Vehicles Exited	13	144	37	155	68	38	16	92	76	61	150	18
Hourly Exit Rate	13	144	37	155	68	38	16	92	76	61	150	18
Input Volume	14	145	36	156	71	38	16	92	74	63	150	18
% of Volume	93	99	103	99	96	100	100	100	103	97	100	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

6: Cawston Ave & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.0
Total Delay (hr)	1.9
Total Del/Veh (s)	7.6
Stop Delay (hr)	1.0
Stop Del/Veh (s)	4.2
Total Stops	860
Stop/Veh	0.98
Travel Dist (mi)	172.2
Travel Time (hr)	7.3
Vehicles Entered	869
Vehicles Exited	868
Hourly Exit Rate	868
Input Volume	873
% of Volume	99
Denied Entry Before	0
Denied Entry After	0

7: Sanderson Ave & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.4	0.0	0.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.4	0.6	0.1	1.2	0.5	0.1	0.2	4.0	0.4	0.7	2.8	0.1
Total Del/Veh (s)	16.0	11.9	6.2	20.9	10.3	4.0	29.5	18.2	16.6	38.6	14.4	6.9
Stop Delay (hr)	0.3	0.3	0.0	1.0	0.3	0.1	0.1	1.3	0.1	0.6	0.9	0.0
Stop Del/Veh (s)	12.8	6.1	4.9	17.3	5.3	3.5	21.5	6.0	6.8	32.0	4.7	2.4
Total Stops	74	91	16	178	82	45	22	368	50	60	282	26
Stop/Veh	0.78	0.49	0.53	0.83	0.46	0.50	0.88	0.46	0.64	0.92	0.41	0.48
Travel Dist (mi)	24.2	47.4	7.6	24.8	20.6	10.4	12.4	383.9	38.5	32.0	336.0	26.6
Travel Time (hr)	1.1	1.7	0.3	2.1	1.0	0.4	0.5	12.1	1.3	1.4	9.8	0.7
Vehicles Entered	94	184	30	214	179	90	25	784	76	63	678	53
Vehicles Exited	94	183	30	213	179	90	25	781	76	64	681	53
Hourly Exit Rate	94	183	30	213	179	90	25	781	76	64	681	53
Input Volume	96	179	33	218	184	88	25	792	80	64	667	52
% of Volume	98	102	91	98	97	102	100	99	95	100	102	102
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

7: Sanderson Ave & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.1
Total Delay (hr)	11.1
Total Del/Veh (s)	16.0
Stop Delay (hr)	5.2
Stop Del/Veh (s)	7.5
Total Stops	1294
Stop/Veh	0.52
Travel Dist (mi)	964.3
Travel Time (hr)	32.5
Vehicles Entered	2470
Vehicles Exited	2469
Hourly Exit Rate	2469
Input Volume	2478
% of Volume	100
Denied Entry Before	0
Denied Entry After	0

8: Kirby St & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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)	0.1	0.1	0.9	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.2	3.9
Total Delay (hr)	0.0	2.0	0.1	0.4	2.3	0.1	0.1	0.7	0.2	0.1	0.5	0.0
Total Del/Veh (s)	17.3	19.8	6.6	16.1	24.0	19.4	14.8	17.7	9.2	9.9	12.7	5.2
Stop Delay (hr)	0.0	1.2	0.0	0.2	1.1	0.1	0.1	0.3	0.1	0.1	0.2	0.0
Stop Del/Veh (s)	12.1	11.4	3.7	6.2	10.8	11.3	9.1	8.5	5.3	6.8	6.4	3.8
Total Stops	6	364	30	96	330	27	25	133	68	50	129	17
Stop/Veh	1.00	0.99	1.03	0.99	0.94	1.00	0.96	0.99	0.99	1.00	0.99	1.00
Travel Dist (mi)	2.2	118.9	9.4	47.5	168.1	13.4	12.2	64.0	32.7	5.8	15.2	1.9
Travel Time (hr)	0.1	4.7	0.3	1.6	6.2	0.5	0.4	2.3	1.1	0.3	0.9	0.1
Vehicles Entered	6	366	29	96	347	27	25	132	68	49	130	16
Vehicles Exited	6	362	29	95	343	27	25	132	68	50	129	16
Hourly Exit Rate	6	362	29	95	343	27	25	132	68	50	129	16
Input Volume	9	367	28	94	341	26	24	137	67	51	122	18
% of Volume	67	99	104	101	101	104	104	96	101	98	106	89
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

8: Kirby St & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.1
Total Delay (hr)	6.6
Total Del/Veh (s)	18.2
Stop Delay (hr)	3.4
Stop Del/Veh (s)	9.3
Total Stops	1275
Stop/Veh	0.98
Travel Dist (mi)	491.3
Travel Time (hr)	18.6
Vehicles Entered	1291
Vehicles Exited	1282
Hourly Exit Rate	1282
Input Volume	1284
% of Volume	100
Denied Entry Before	0
Denied Entry After	0

9: Lyon Ave & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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)	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	3.7	0.3	0.2
Total Delay (hr)	0.3	5.8	0.3	0.7	5.3	0.7	0.6	2.6	0.1	0.4	1.7	0.1
Total Del/Veh (s)	34.9	46.6	39.5	44.4	47.2	39.7	50.0	50.7	11.5	39.8	33.8	9.0
Stop Delay (hr)	0.2	4.0	0.2	0.5	3.5	0.5	0.6	2.2	0.1	0.3	1.3	0.1
Stop Del/Veh (s)	25.0	31.7	29.9	31.8	31.3	28.9	45.4	41.4	8.4	36.2	26.0	8.9
Total Stops	27	358	23	45	323	54	44	165	35	29	129	20
Stop/Veh	0.75	0.79	0.85	0.82	0.80	0.83	1.00	0.88	0.80	0.85	0.70	0.80
Travel Dist (mi)	16.8	214.1	12.7	25.7	190.7	30.3	8.4	35.7	8.3	2.7	14.9	2.1
Travel Time (hr)	0.8	10.8	0.6	1.3	9.7	1.5	0.8	3.4	0.4	0.5	2.1	0.1
Vehicles Entered	35	444	27	54	400	64	44	185	43	34	183	25
Vehicles Exited	34	441	26	53	399	63	44	185	43	33	184	25
Hourly Exit Rate	34	441	26	53	399	63	44	185	43	33	184	25
Input Volume	37	450	26	55	391	58	45	178	44	32	187	24
% of Volume	92	98	100	96	102	109	98	104	98	103	98	104
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

9: Lyon Ave & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.2
Total Delay (hr)	18.8
Total Del/Veh (s)	43.4
Stop Delay (hr)	13.5
Stop Del/Veh (s)	31.3
Total Stops	1252
Stop/Veh	0.80
Travel Dist (mi)	562.5
Travel Time (hr)	32.1
Vehicles Entered	1538
Vehicles Exited	1530
Hourly Exit Rate	1530
Input Volume	1527
% of Volume	100
Denied Entry Before	0
Denied Entry After	0

10: Palm Ave & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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)	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.3
Total Delay (hr)	0.4	5.4	0.2	0.2	2.3	0.1	0.1	0.6	0.2	0.1	0.6	0.2
Total Del/Veh (s)	23.6	38.9	33.0	11.4	21.1	15.0	12.6	10.0	11.6	10.8	13.9	8.4
Stop Delay (hr)	0.1	3.4	0.1	0.1	1.4	0.1	0.1	0.3	0.1	0.1	0.3	0.1
Stop Del/Veh (s)	9.2	24.3	23.5	5.6	12.9	12.1	9.0	5.5	8.9	7.7	7.8	6.8
Total Stops	71	493	22	66	386	32	22	133	57	40	160	67
Stop/Veh	1.31	0.98	1.00	1.05	0.99	1.00	0.96	0.59	0.98	1.00	1.00	0.99
Travel Dist (mi)	25.3	234.1	10.4	7.7	47.9	3.9	8.7	69.5	22.3	2.6	10.6	4.5
Travel Time (hr)	1.0	10.8	0.5	0.4	3.4	0.3	0.3	2.4	0.8	0.2	0.9	0.4
Vehicles Entered	54	493	22	63	388	32	22	221	57	40	160	67
Vehicles Exited	53	489	21	62	388	32	22	220	56	40	160	67
Hourly Exit Rate	53	489	21	62	388	32	22	220	56	40	160	67
Input Volume	59	497	22	62	379	33	23	226	57	44	159	62
% of Volume	90	98	95	100	102	97	96	97	98	91	101	108
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

10: Palm Ave & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.1
Total Delay (hr)	10.4
Total Del/Veh (s)	22.9
Stop Delay (hr)	6.4
Stop Del/Veh (s)	14.1
Total Stops	1549
Stop/Veh	0.95
Travel Dist (mi)	447.8
Travel Time (hr)	21.4
Vehicles Entered	1619
Vehicles Exited	1610
Hourly Exit Rate	1610
Input Volume	1623
% of Volume	99
Denied Entry Before	0
Denied Entry After	0

11: State St & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.0	0.0	3.3	0.4	0.2	0.0	0.0	0.0	2.8	0.3	0.3
Total Delay (hr)	1.2	2.5	0.2	0.6	2.1	0.1	0.6	4.0	0.4	0.8	3.8	0.3
Total Del/Veh (s)	37.6	21.8	7.5	34.6	21.0	4.5	46.9	23.5	21.0	44.3	20.1	10.9
Stop Delay (hr)	1.0	1.6	0.1	0.5	1.3	0.1	0.5	2.3	0.2	0.7	2.4	0.2
Stop Del/Veh (s)	32.0	13.8	4.2	29.6	13.2	3.9	39.3	13.3	13.3	39.6	12.8	8.4
Total Stops	106	229	42	59	194	45	47	339	42	63	376	48
Stop/Veh	0.94	0.57	0.55	0.97	0.55	0.53	1.02	0.55	0.64	1.02	0.55	0.56
Travel Dist (mi)	41.7	150.1	28.3	8.2	48.0	11.6	22.5	297.4	32.6	5.8	64.8	8.1
Travel Time (hr)	2.2	5.8	0.9	0.9	3.2	0.5	1.2	11.1	1.2	1.0	5.3	0.6
Vehicles Entered	112	401	76	60	350	85	45	609	64	61	684	86
Vehicles Exited	112	401	75	61	352	85	45	606	65	61	680	85
Hourly Exit Rate	112	401	75	61	352	85	45	606	65	61	680	85
Input Volume	112	412	80	60	347	91	43	625	65	70	679	84
% of Volume	100	97	94	102	101	93	105	97	100	87	100	101
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

11: State St & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.3
Total Delay (hr)	16.4
Total Del/Veh (s)	22.2
Stop Delay (hr)	10.9
Stop Del/Veh (s)	14.7
Total Stops	1590
Stop/Veh	0.60
Travel Dist (mi)	719.0
Travel Time (hr)	33.9
Vehicles Entered	2633
Vehicles Exited	2628
Hourly Exit Rate	2628
Input Volume	2668
% of Volume	99
Denied Entry Before	0
Denied Entry After	0

12: Warren Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.5	0.5	0.4	0.4	0.4
Total Delay (hr)	0.0	0.1	0.0	0.3	0.2	0.2	0.0	3.0	0.6	0.2	1.6	0.0
Total Del/Veh (s)	5.9	11.4	4.1	7.9	5.3	6.3	18.2	24.9	16.8	13.6	17.8	9.9
Stop Delay (hr)	0.0	0.1	0.0	0.2	0.1	0.1	0.0	1.5	0.4	0.1	0.6	0.0
Stop Del/Veh (s)	4.3	5.0	3.9	5.0	2.0	4.7	12.7	12.6	11.7	7.8	6.6	5.5
Total Stops	22	40	2	133	44	98	1	424	134	48	325	14
Stop/Veh	1.00	1.00	1.00	0.98	0.38	0.99	1.00	0.99	0.99	1.00	0.99	1.00
Travel Dist (mi)	2.8	5.1	0.3	112.6	67.3	82.9	0.2	91.9	29.1	10.7	73.0	3.1
Travel Time (hr)	0.1	0.2	0.0	2.7	1.6	2.0	0.0	4.7	1.4	0.5	3.0	0.1
Vehicles Entered	22	40	2	133	114	98	1	424	134	48	325	14
Vehicles Exited	22	40	2	133	112	98	1	424	134	48	325	14
Hourly Exit Rate	22	40	2	133	112	98	1	424	134	48	325	14
Input Volume	24	41	2	136	109	96	1	428	130	51	333	13
% of Volume	92	98	100	98	103	102	100	99	103	94	98	108
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

12: Warren Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.3
Total Delay (hr)	6.2
Total Del/Veh (s)	16.4
Stop Delay (hr)	3.1
Stop Del/Veh (s)	8.3
Total Stops	1285
Stop/Veh	0.94
Travel Dist (mi)	478.9
Travel Time (hr)	16.4
Vehicles Entered	1355
Vehicles Exited	1353
Hourly Exit Rate	1353
Input Volume	1364
% of Volume	99
Denied Entry Before	0
Denied Entry After	0

13: Cawston Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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)	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.6	1.8	0.7	1.5	1.0	0.3	0.8	0.9	0.1	0.6	1.9	0.4
Total Del/Veh (s)	34.8	19.0	10.9	36.9	18.3	11.1	35.4	7.7	5.9	32.6	26.4	19.1
Stop Delay (hr)	0.5	1.2	0.5	1.2	0.6	0.2	0.7	0.6	0.1	0.6	1.4	0.3
Stop Del/Veh (s)	32.0	12.5	7.8	30.5	10.1	6.4	30.7	4.9	4.0	30.5	20.0	15.8
Total Stops	52	188	152	128	101	46	73	70	53	58	182	55
Stop/Veh	0.91	0.56	0.64	0.88	0.51	0.55	0.89	0.17	0.72	0.85	0.71	0.79
Travel Dist (mi)	10.1	60.6	42.0	70.5	96.3	40.5	40.2	131.2	36.2	16.6	61.6	17.1
Travel Time (hr)	0.8	3.1	2.0	3.2	3.1	1.3	2.0	4.9	1.3	1.1	3.7	0.9
Vehicles Entered	56	336	234	145	197	83	81	417	72	68	252	70
Vehicles Exited	56	334	233	142	196	82	80	417	73	67	251	70
Hourly Exit Rate	56	334	233	142	196	82	80	417	73	67	251	70
Input Volume	55	334	231	144	198	82	81	414	75	70	255	67
% of Volume	102	100	101	99	99	100	99	101	97	96	98	104
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

13: Cawston Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.0
Total Delay (hr)	10.5
Total Del/Veh (s)	18.6
Stop Delay (hr)	7.8
Stop Del/Veh (s)	13.8
Total Stops	1158
Stop/Veh	0.57
Travel Dist (mi)	623.0
Travel Time (hr)	27.4
Vehicles Entered	2011
Vehicles Exited	2001
Hourly Exit Rate	2001
Input Volume	2006
% of Volume	100
Denied Entry Before	0
Denied Entry After	0

14: Sanderson Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	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	2.8	0.2	0.3	0.0	0.0	0.0
Total Delay (hr)	1.5	2.6	0.3	1.3	2.6	0.1	0.8	4.8	0.6	1.9	4.1	0.2
Total Del/Veh (s)	44.4	32.5	14.3	42.9	32.0	7.1	43.4	25.0	16.0	45.1	21.5	9.2
Stop Delay (hr)	1.3	1.8	0.2	1.1	2.0	0.1	0.7	3.2	0.4	1.6	2.2	0.1
Stop Del/Veh (s)	37.6	22.4	8.4	36.8	24.5	6.6	39.1	16.4	11.8	36.9	11.7	2.8
Total Stops	108	198	66	100	206	58	61	418	82	134	318	36
Stop/Veh	0.89	0.68	0.93	0.90	0.70	0.78	0.91	0.60	0.64	0.88	0.47	0.45
Travel Dist (mi)	59.8	142.5	35.0	35.1	89.9	23.8	10.6	111.4	20.7	74.6	327.5	39.4
Travel Time (hr)	2.9	5.7	1.1	2.3	4.9	0.8	1.2	7.4	1.2	3.7	11.0	1.2
Vehicles Entered	120	287	70	109	292	74	66	691	128	150	672	79
Vehicles Exited	121	286	70	110	289	74	66	690	128	149	668	78
Hourly Exit Rate	121	286	70	110	289	74	66	690	128	149	668	78
Input Volume	125	288	70	112	291	75	65	697	128	149	671	75
% of Volume	97	99	100	98	99	99	102	99	100	100	100	104
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

14: Sanderson Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.1
Total Delay (hr)	20.9
Total Del/Veh (s)	27.2
Stop Delay (hr)	14.7
Stop Del/Veh (s)	19.1
Total Stops	1785
Stop/Veh	0.64
Travel Dist (mi)	970.4
Travel Time (hr)	43.3
Vehicles Entered	2738
Vehicles Exited	2729
Hourly Exit Rate	2729
Input Volume	2746
% of Volume	99
Denied Entry Before	0
Denied Entry After	0

15: Kirby St & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.1	0.0	0.0	0.0	0.0	0.5	0.5	3.6	0.1	0.1	0.8
Total Delay (hr)	0.4	4.9	0.3	0.7	2.6	0.1	0.6	1.8	0.3	0.6	2.6	0.2
Total Del/Veh (s)	44.2	34.2	24.0	44.6	25.3	19.8	38.0	40.1	12.2	38.1	41.4	13.3
Stop Delay (hr)	0.4	3.1	0.3	0.6	1.5	0.1	0.5	1.4	0.2	0.5	2.0	0.1
Stop Del/Veh (s)	43.1	21.4	17.3	41.0	14.5	13.7	32.8	32.2	10.0	31.5	32.2	8.2
Total Stops	28	357	37	51	204	14	50	133	61	47	182	46
Stop/Veh	0.93	0.69	0.71	0.91	0.55	0.64	0.83	0.83	0.78	0.85	0.82	0.87
Travel Dist (mi)	4.9	84.9	8.6	27.6	185.3	11.2	10.1	27.1	13.3	23.6	97.0	23.4
Travel Time (hr)	0.5	6.7	0.6	1.4	6.8	0.4	0.9	2.5	0.8	1.2	5.1	0.9
Vehicles Entered	30	514	52	55	369	22	59	159	78	54	219	52
Vehicles Exited	30	514	52	54	366	22	59	158	78	53	218	52
Hourly Exit Rate	30	514	52	54	366	22	59	158	78	53	218	52
Input Volume	28	520	52	60	368	22	61	161	77	55	208	50
% of Volume	107	99	100	90	99	100	97	98	101	96	105	104
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

15: Kirby St & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.3
Total Delay (hr)	15.1
Total Del/Veh (s)	32.3
Stop Delay (hr)	10.7
Stop Del/Veh (s)	22.9
Total Stops	1210
Stop/Veh	0.72
Travel Dist (mi)	516.8
Travel Time (hr)	27.8
Vehicles Entered	1663
Vehicles Exited	1656
Hourly Exit Rate	1656
Input Volume	1662
% of Volume	100
Denied Entry Before	0
Denied Entry After	0

16: Lyon Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.0	0.0	3.7	0.4	3.7	0.0	0.0	0.1
Total Delay (hr)	0.2	4.9	0.1	0.6	1.6	0.1	0.1	0.8	0.1	0.3	0.9	0.0
Total Del/Veh (s)	33.2	29.3	14.5	30.2	14.7	4.8	23.3	18.1	7.8	25.4	16.5	4.8
Stop Delay (hr)	0.1	2.3	0.0	0.4	0.7	0.1	0.1	0.5	0.1	0.2	0.5	0.0
Stop Del/Veh (s)	20.2	13.7	4.7	22.5	5.9	2.7	20.7	11.2	6.8	21.8	9.3	2.8
Total Stops	23	441	19	67	177	35	16	101	40	37	116	20
Stop/Veh	1.05	0.73	0.68	0.93	0.44	0.50	0.94	0.63	0.71	0.92	0.59	0.61
Travel Dist (mi)	11.0	295.6	14.0	34.7	191.6	33.8	1.5	14.7	5.1	11.6	57.4	9.7
Travel Time (hr)	0.5	11.7	0.5	1.6	6.6	1.0	0.2	1.1	0.4	0.6	2.1	0.3
Vehicles Entered	22	595	28	71	395	69	16	160	56	39	194	33
Vehicles Exited	21	588	28	71	396	69	16	160	56	39	193	32
Hourly Exit Rate	21	588	28	71	396	69	16	160	56	39	193	32
Input Volume	22	601	29	72	394	67	17	160	58	40	197	36
% of Volume	95	98	97	99	101	103	94	100	97	98	98	89
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

16: Lyon Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.2
Total Delay (hr)	9.8
Total Del/Veh (s)	20.8
Stop Delay (hr)	5.1
Stop Del/Veh (s)	10.8
Total Stops	1092
Stop/Veh	0.64
Travel Dist (mi)	680.7
Travel Time (hr)	26.4
Vehicles Entered	1678
Vehicles Exited	1669
Hourly Exit Rate	1669
Input Volume	1693
% of Volume	99
Denied Entry Before	0
Denied Entry After	0

17: Palm Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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	3.7	0.4	0.4	1.2	0.2	1.3
Total Delay (hr)	0.8	7.9	0.5	0.7	3.3	0.1	0.5	1.6	0.4	0.9	1.1	0.1
Total Del/Veh (s)	56.6	47.6	39.3	43.1	21.2	6.9	40.1	26.0	15.1	40.0	20.5	4.2
Stop Delay (hr)	0.6	4.5	0.3	0.6	1.8	0.0	0.5	1.1	0.3	0.9	0.9	0.1
Stop Del/Veh (s)	42.0	27.2	24.7	33.5	11.5	3.8	35.3	18.2	11.3	37.1	16.3	3.1
Total Stops	58	500	37	57	244	23	45	146	64	80	127	40
Stop/Veh	1.16	0.84	0.88	0.93	0.44	0.56	0.98	0.68	0.70	0.94	0.63	0.62
Travel Dist (mi)	24.3	287.7	20.4	30.3	243.2	20.0	6.5	31.0	13.1	7.5	17.7	5.8
Travel Time (hr)	1.3	13.8	1.0	1.6	9.6	0.6	0.8	2.4	0.8	1.2	1.7	0.3
Vehicles Entered	49	586	41	60	553	40	45	213	90	84	201	65
Vehicles Exited	48	581	41	59	549	40	44	213	90	84	200	65
Hourly Exit Rate	48	581	41	59	549	40	44	213	90	84	200	65
Input Volume	47	603	42	63	556	38	45	221	88	87	201	63
% of Volume	102	96	98	94	99	105	98	96	102	97	100	103
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

17: Palm Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.2
Total Delay (hr)	17.8
Total Del/Veh (s)	31.3
Stop Delay (hr)	11.4
Stop Del/Veh (s)	20.1
Total Stops	1421
Stop/Veh	0.69
Travel Dist (mi)	707.5
Travel Time (hr)	35.1
Vehicles Entered	2027
Vehicles Exited	2014
Hourly Exit Rate	2014
Input Volume	2054
% of Volume	98
Denied Entry Before	0
Denied Entry After	0

18: State St & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.1	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	2.7	0.2	0.2	3.1	0.2	0.2	0.0	0.0	0.0
Total Delay (hr)	1.5	4.4	0.3	1.2	4.0	0.7	0.7	4.1	0.5	2.5	4.1	0.6
Total Del/Veh (s)	51.1	26.2	21.2	45.9	27.8	17.9	47.8	30.4	19.2	48.3	26.7	22.9
Stop Delay (hr)	1.2	2.6	0.2	1.1	3.0	0.6	0.6	3.1	0.4	2.0	2.4	0.4
Stop Del/Veh (s)	42.4	15.6	13.7	40.7	20.5	14.1	43.2	23.3	15.5	37.8	15.4	14.6
Total Stops	104	324	29	93	349	103	54	341	67	178	313	55
Stop/Veh	0.99	0.54	0.62	0.95	0.67	0.72	1.04	0.71	0.73	0.94	0.56	0.63
Travel Dist (mi)	51.6	279.5	23.1	26.7	144.6	40.1	11.5	107.8	20.7	92.0	264.8	42.9
Travel Time (hr)	2.7	10.3	0.8	2.1	7.7	1.9	1.1	6.8	1.1	4.8	10.2	1.7
Vehicles Entered	103	597	47	96	516	143	50	474	91	184	547	86
Vehicles Exited	102	593	46	96	517	143	50	473	90	183	544	86
Hourly Exit Rate	102	593	46	96	517	143	50	473	90	183	544	86
Input Volume	111	613	47	91	517	144	51	478	96	188	542	89
% of Volume	92	97	98	105	100	99	98	99	94	97	100	97
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

18: State St & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.2
Total Delay (hr)	24.6
Total Del/Veh (s)	29.8
Stop Delay (hr)	17.5
Stop Del/Veh (s)	21.2
Total Stops	2010
Stop/Veh	0.68
Travel Dist (mi)	1105.2
Travel Time (hr)	51.2
Vehicles Entered	2934
Vehicles Exited	2923
Hourly Exit Rate	2923
Input Volume	2967
% of Volume	99
Denied Entry Before	0
Denied Entry After	0

19: Cawston Ave & Eaton Ave Performance by movement

Movement	WBL	WBR	NBT	NBR	SBL	SBT	All
Denied Delay (hr)	0.0	0.2	0.0	0.0	0.0	0.0	0.2
Denied Del/Veh (s)	0.5	2.4	0.0	0.0	0.1	0.0	0.4
Total Delay (hr)	0.1	0.4	1.0	0.1	0.4	1.3	3.3
Total Del/Veh (s)	6.8	5.5	8.9	6.8	9.6	10.0	8.6
Stop Delay (hr)	0.1	0.2	0.4	0.0	0.2	0.4	1.3
Stop Del/Veh (s)	3.7	3.5	3.2	3.7	4.1	3.1	3.3
Total Stops	56	235	336	40	161	472	1300
Stop/Veh	0.98	0.99	0.82	1.00	0.98	0.98	0.94
Travel Dist (mi)	18.8	78.1	92.1	10.0	80.1	234.1	513.2
Travel Time (hr)	0.6	2.8	3.8	0.4	3.0	8.4	18.9
Vehicles Entered	57	235	405	40	162	474	1373
Vehicles Exited	56	235	405	40	161	471	1368
Hourly Exit Rate	56	235	405	40	161	471	1368
Input Volume	58	234	405	42	164	477	1380
% of Volume	97	100	100	95	98	99	99
Denied Entry Before	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0

20: Cawston Ave & Coriander Dr/Fruitvale Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Denied Del/Veh (s)	0.1	0.2	0.1	0.3	3.2	3.9	0.1	0.1	0.0	0.0	0.0	0.4
Total Delay (hr)	0.0	0.0	0.0	0.0	0.1	0.0	0.8	0.0	0.3	1.2	0.0	2.4
Total Del/Veh (s)	4.3	6.9	3.2	5.4	3.3	7.0	8.0	3.4	8.5	10.2	5.2	8.2
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.0	0.1	0.3	0.0	0.9
Stop Del/Veh (s)	3.0	3.9	3.0	3.3	2.6	3.9	2.9	2.5	3.4	2.9	2.1	2.9
Total Stops	2	1	6	30	106	1	338	36	106	419	2	1047
Stop/Veh	1.00	1.00	1.00	1.00	0.99	1.00	0.99	1.00	0.99	0.99	1.00	0.99
Travel Dist (mi)	0.2	0.2	0.8	7.1	25.2	0.3	81.9	8.6	26.5	105.1	0.4	256.3
Travel Time (hr)	0.0	0.0	0.0	0.3	1.0	0.0	3.1	0.3	1.1	4.3	0.0	10.2
Vehicles Entered	2	1	6	30	106	1	339	35	107	420	2	1049
Vehicles Exited	2	1	6	30	106	1	338	36	106	418	2	1046
Hourly Exit Rate	2	1	6	30	106	1	338	36	106	418	2	1046
Input Volume	2	1	5	29	105	2	340	33	106	429	1	1053
% of Volume	100	100	120	103	101	50	99	109	100	97	200	99
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

21: Cawston Ave & East Driveway Performance by movement

Movement	EBL	EBR	WBL	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
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
Denied Del/Veh (s)	0.1	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.5
Total Del/Veh (s)	7.9	3.8	8.3	4.1	4.6	1.7	1.0	3.9	2.4	2.1	2.6
Stop Delay (hr)	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2
Stop Del/Veh (s)	5.8	3.4	6.9	4.0	1.5	0.3	0.2	0.9	0.6	0.5	0.9
Total Stops	25	54	1	2	6	0	0	0	0	0	88
Stop/Veh	1.00	1.00	1.00	1.00	0.35	0.00	0.00	0.00	0.00	0.00	0.13
Travel Dist (mi)	2.2	4.7	0.1	0.2	4.1	47.6	0.3	0.4	84.9	2.5	147.0
Travel Time (hr)	0.1	0.3	0.0	0.0	0.2	1.6	0.0	0.0	2.8	0.1	5.1
Vehicles Entered	25	54	1	2	16	222	2	2	332	10	666
Vehicles Exited	25	54	1	2	16	222	1	2	333	10	666
Hourly Exit Rate	25	54	1	2	16	222	1	2	333	10	666
Input Volume	27	55	2	2	18	217	2	2	333	9	667
% of Volume	93	98	50	100	89	102	50	100	100	111	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0

22: Esplanade Ave & South Driveway 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)	1.6	0.1	0.0	0.0	0.2	0.2	0.1
Total Delay (hr)	0.0	0.2	0.2	0.0	0.2	0.0	0.7
Total Del/Veh (s)	2.4	1.5	2.5	2.4	9.9	5.5	2.6
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.2	0.0	0.3
Stop Del/Veh (s)	1.1	0.2	0.2	0.3	8.1	4.8	1.0
Total Stops	2	0	0	0	80	30	112
Stop/Veh	0.22	0.00	0.00	0.00	0.99	1.00	0.11
Travel Dist (mi)	5.2	317.3	59.1	4.9	6.7	2.5	395.8
Travel Time (hr)	0.1	6.9	1.7	0.2	0.5	0.2	9.6
Vehicles Entered	8	533	320	26	80	30	997
Vehicles Exited	9	532	320	26	80	30	997
Hourly Exit Rate	9	532	320	26	80	30	997
Input Volume	9	525	319	27	82	27	989
% of Volume	100	101	100	96	98	111	101
Denied Entry Before	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0

Total Network Performance

Denied Delay (hr)	3.5
Denied Del/Veh (s)	0.8
Total Delay (hr)	294.1
Total Del/Veh (s)	68.3
Stop Delay (hr)	185.4
Stop Del/Veh (s)	43.0
Total Stops	26876
Stop/Veh	1.73
Travel Dist (mi)	18068.6
Travel Time (hr)	721.4
Vehicles Entered	14931
Vehicles Exited	14790
Hourly Exit Rate	14790
Input Volume	59102
% of Volume	25
Denied Entry Before	0
Denied Entry After	1

Intersection: 1: Sanderson Ave & Ramona Expy

Movement	EB	EB	EB	EB	EB	WB	WB	WB	WB	WB	NB	NB
Directions Served	L	L	T	T	R	L	L	T	T	R	L	L
Maximum Queue (ft)	328	358	282	211	63	41	68	998	1077	343	138	360
Average Queue (ft)	209	233	95	82	20	11	22	435	632	324	56	91
95th Queue (ft)	358	387	280	229	46	33	52	1032	1245	399	109	243
Link Distance (ft)			1976	1976				2634	2634			
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	400	400			180	375	375			143	400	400
Storage Blk Time (%)	3	4	0	0				0	3	62		0
Queuing Penalty (veh)	5	7	0	0				0	17	120		0

Intersection: 1: Sanderson Ave & Ramona Expy

Movement	NB	NB	NB	SB	SB	SB	SB	SB
Directions Served	T	T	R	L	L	T	T	R
Maximum Queue (ft)	515	500	53	289	307	182	178	155
Average Queue (ft)	309	301	13	164	187	106	95	60
95th Queue (ft)	480	474	38	261	280	165	158	120
Link Distance (ft)	873	873	873			2486	2486	
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)				400	400			250
Storage Blk Time (%)	4			0	0			
Queuing Penalty (veh)	7			0	0			

Intersection: 2: Sanderson Ave & Ramona Blvd

Movement	NB	NB	NB	SB	SB	SB	NW	NW
Directions Served	T	T	R	L	T	T	L	R
Maximum Queue (ft)	220	174	36	132	99	196	113	92
Average Queue (ft)	108	64	9	56	20	37	39	40
95th Queue (ft)	181	130	31	106	68	138	81	77
Link Distance (ft)	969	969			873	873	2330	
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)			120	170				50
Storage Blk Time (%)		1		0			10	4
Queuing Penalty (veh)		0		0			13	3

Intersection: 3: Cawston Ave & Cottonwood Ave

Movement	EB	WB	NB	NB	SB
Directions Served	TR	L	LT	R	LT
Maximum Queue (ft)	2	36	66	69	76
Average Queue (ft)	0	8	34	33	41
95th Queue (ft)	2	26	58	55	64
Link Distance (ft)	830		697		682
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)		195		150	
Storage Blk Time (%)					
Queuing Penalty (veh)					

Intersection: 4: Sanderson Ave & Cottonwood Ave

Movement	EB	EB	EB	EB	EB	WB	WB	WB	WB	NB	NB	NB
Directions Served	L	L	T	T	R	L	L	T	R	L	L	T
Maximum Queue (ft)	88	89	110	114	51	74	102	170	105	76	55	207
Average Queue (ft)	41	41	62	56	18	15	38	79	44	29	8	116
95th Queue (ft)	76	75	101	100	39	46	79	141	84	64	35	190
Link Distance (ft)			507	507				1294	1294			2541
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	300	300			205	320	320			300	300	
Storage Blk Time (%)												
Queuing Penalty (veh)												

Intersection: 4: Sanderson Ave & Cottonwood Ave

Movement	NB	NB	SB	SB	SB	SB	SB
Directions Served	T	R	L	L	T	T	R
Maximum Queue (ft)	214	50	32	87	199	179	52
Average Queue (ft)	124	13	4	38	118	79	18
95th Queue (ft)	200	35	19	74	182	152	42
Link Distance (ft)	2541				915	915	
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)		210	290	290			200
Storage Blk Time (%)	0					0	
Queuing Penalty (veh)	0					0	

Intersection: 5: North Driveway/Karpick St & 7th St

Movement	EB	WB	NB	SB
Directions Served	L	L	LTR	LTR
Maximum Queue (ft)	3	27	58	56
Average Queue (ft)	0	2	32	23
95th Queue (ft)	3	13	51	49
Link Distance (ft)			297	136
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)	150	150		
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 6: Cawston Ave & 7th St

Movement	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	LTR	L	T	TR	L	TR	LT	R
Maximum Queue (ft)	68	98	56	63	35	85	85	20
Average Queue (ft)	34	47	27	29	13	46	42	8
95th Queue (ft)	58	77	50	52	38	75	71	22
Link Distance (ft)	576		1110	1110		1288	1226	1226
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)		160			85			
Storage Blk Time (%)						0		
Queuing Penalty (veh)						0		

Intersection: 7: Sanderson Ave & 7th St

Movement	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB	SB
Directions Served	L	TR	L	T	R	L	T	TR	L	T	T	R
Maximum Queue (ft)	76	112	176	126	68	64	186	205	109	150	141	46
Average Queue (ft)	36	46	86	52	26	19	97	118	38	65	75	11
95th Queue (ft)	69	92	142	97	56	51	160	185	85	121	130	30
Link Distance (ft)		1368		646			2569	2569		2541	2541	
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	53		145		600	300			360			360
Storage Blk Time (%)	3	4	1	0								
Queuing Penalty (veh)	6	4	3	0								

Intersection: 8: Kirby St & 7th St

Movement	EB	EB	WB	WB	NB	NB	SB	SB
Directions Served	LT	R	L	TR	LT	R	LT	R
Maximum Queue (ft)	215	91	81	204	119	68	118	36
Average Queue (ft)	86	17	35	99	56	25	51	12
95th Queue (ft)	171	60	64	171	99	51	88	37
Link Distance (ft)	1855			2533	2568		620	
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)		110	150			280		70
Storage Blk Time (%)	7		0	2			2	0
Queuing Penalty (veh)	2		0	2			0	0

Intersection: 9: Lyon Ave & 7th St

Movement	EB	EB	WB	NB	NB	SB	SB	SB
Directions Served	L	TR	LTR	LT	R	L	T	R
Maximum Queue (ft)	209	455	482	294	167	82	189	52
Average Queue (ft)	36	239	267	148	28	28	98	14
95th Queue (ft)	141	426	432	256	90	64	165	40
Link Distance (ft)		2533	2566	1006			429	429
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)	150				105	150		
Storage Blk Time (%)		26		27	0		2	
Queuing Penalty (veh)		10		12	0		1	

Intersection: 10: Palm Ave & 7th St

Movement	EB	EB	WB	WB	NB	SB
Directions Served	L	TR	L	TR	LTR	LTR
Maximum Queue (ft)	160	389	161	236	141	131
Average Queue (ft)	72	210	42	119	71	66
95th Queue (ft)	179	348	107	203	121	108
Link Distance (ft)		2566		601	2000	350
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	100		75			
Storage Blk Time (%)		45	0	27		
Queuing Penalty (veh)		27	0	17		

Intersection: 11: State St & 7th St

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	R	L	T	R	L	T	TR	L	T	TR
Maximum Queue (ft)	159	290	149	129	245	66	137	243	258	167	276	226
Average Queue (ft)	77	148	31	49	131	26	40	104	124	52	155	107
95th Queue (ft)	149	245	89	107	218	55	102	202	223	121	238	196
Link Distance (ft)		1929			721	721		2560	2560		491	491
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	95		215	60			85			105		
Storage Blk Time (%)	6	20	0	4	25		1	13		0	19	
Queuing Penalty (veh)	28	38	0	14	15		3	5		1	13	

Intersection: 12: Warren Ave & Esplanade Ave

Movement	EB	WB	WB	NB	SB
Directions Served	LTR	L	TR	LTR	LTR
Maximum Queue (ft)	56	79	82	295	181
Average Queue (ft)	28	39	40	125	78
95th Queue (ft)	50	66	66	251	137
Link Distance (ft)	671	4426	4426	1142	1186
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)					
Storage Blk Time (%)					
Queuing Penalty (veh)					

Intersection: 13: Cawston Ave & Esplanade Ave

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	T	R	L	TR
Maximum Queue (ft)	90	160	213	184	116	140	122	134	65	103	265
Average Queue (ft)	39	72	104	82	38	58	54	56	29	45	137
95th Queue (ft)	76	126	178	151	91	115	101	108	55	87	226
Link Distance (ft)		906	906		2540	2540		2579	2579	1246	1246
Upstream Blk Time (%)											
Queuing Penalty (veh)											
Storage Bay Dist (ft)	150			150			150				
Storage Blk Time (%)		0		2	0		0	0			
Queuing Penalty (veh)		0		2	0		0	0			

Intersection: 14: Sanderson Ave & Esplanade Ave

Movement	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB
Directions Served	L	T	T	R	L	T	R	L	T	TR	L	T
Maximum Queue (ft)	152	159	184	80	227	285	90	109	257	257	198	195
Average Queue (ft)	75	62	87	38	84	147	33	45	160	140	99	101
95th Queue (ft)	132	123	161	90	168	249	71	90	237	227	171	172
Link Distance (ft)		2540	2540			1649	1649		841	841		2569
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	130			55	155			225			245	
Storage Blk Time (%)	2	0	19	0	1	10			1		0	0
Queuing Penalty (veh)	3	0	14	1	4	11			1		0	0

Intersection: 14: Sanderson Ave & Esplanade Ave

Movement	SB	SB
Directions Served	T	R
Maximum Queue (ft)	216	69
Average Queue (ft)	115	25
95th Queue (ft)	188	56
Link Distance (ft)	2569	
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		200
Storage Blk Time (%)	1	
Queuing Penalty (veh)	0	

Intersection: 15: Kirby St & Esplanade Ave

Movement	EB	EB	WB	WB	NB	NB	SB	SB
Directions Served	L	TR	L	TR	LT	R	LT	R
Maximum Queue (ft)	137	467	106	316	262	82	296	170
Average Queue (ft)	23	239	38	141	127	37	156	50
95th Queue (ft)	95	418	83	256	214	69	260	145
Link Distance (ft)	835	835	2575	2575	897		2568	
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)						132		100
Storage Blk Time (%)					9		29	0
Queuing Penalty (veh)					7		15	0

Intersection: 16: Lyon Ave & Esplanade Ave

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	R	L	T	R	L	T	R	L	T	R
Maximum Queue (ft)	137	396	147	140	224	65	45	114	56	83	169	51
Average Queue (ft)	19	189	21	43	97	17	12	51	17	30	73	15
95th Queue (ft)	77	346	101	95	191	46	34	97	41	67	140	43
Link Distance (ft)		2575			2526	2526		476			1520	
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	122		122	140			120		120	118		118
Storage Blk Time (%)		19		0	3			0			2	
Queuing Penalty (veh)		10		0	2			0			2	

Intersection: 17: Palm Ave & Esplanade Ave

Movement	EB	EB	WB	WB	WB	NB	NB	SB	SB	SB		
Directions Served	L	TR	L	T	R	L	TR	L	T	R		
Maximum Queue (ft)	244	603	160	347	72	119	249	154	184	92		
Average Queue (ft)	67	292	49	165	18	35	119	59	85	26		
95th Queue (ft)	200	577	112	301	51	89	203	112	149	63		
Link Distance (ft)		2526		2572	2572		765		508			
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	160		250			75		150		150		
Storage Blk Time (%)		28		3		1	23	0	1			
Queuing Penalty (veh)		13		2		2	10	0	1			

Intersection: 18: State St & Esplanade Ave

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	T	TR	L	T	TR
Maximum Queue (ft)	144	220	227	188	259	243	154	248	242	150	283	281
Average Queue (ft)	79	114	130	78	152	139	53	145	128	113	131	141
95th Queue (ft)	138	192	204	151	231	226	120	222	207	170	249	245
Link Distance (ft)		2572	2572		1477	1477		1199	1199		2560	2560
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	100			140			105			100		
Storage Blk Time (%)	8	14		1	13		0	21		21	12	
Queuing Penalty (veh)	20	15		2	12		0	10		54	23	

Intersection: 19: Cawston Ave & Eaton Ave

Movement	WB	WB	NB	NB	SB	SB	SB
Directions Served	L	R	T	TR	L	T	T
Maximum Queue (ft)	88	92	73	82	86	88	79
Average Queue (ft)	29	50	42	44	46	48	50
95th Queue (ft)	59	79	64	68	72	74	72
Link Distance (ft)	1756		1246	1246		2579	2579
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)		50			105		
Storage Blk Time (%)	0	4			0	0	
Queuing Penalty (veh)	1	2			0	0	

Intersection: 20: Cawston Ave & Coriander Dr/Fruitvale Ave

Movement	EB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	LTR	LT	R	L	T	TR	L	T	TR
Maximum Queue (ft)	30	46	63	21	73	74	56	63	67
Average Queue (ft)	8	19	34	1	43	40	29	31	32
95th Queue (ft)	29	45	52	11	64	61	47	52	56
Link Distance (ft)	670	1254			1280	1280		1246	1246
Upstream Blk Time (%)									
Queuing Penalty (veh)									
Storage Bay Dist (ft)			50	150			58		
Storage Blk Time (%)		0	1				0	0	
Queuing Penalty (veh)		0	0				1	0	

Intersection: 21: Cawston Ave & East Driveway

Movement	EB	WB	NB	SB
Directions Served	LTR	LTR	L	L
Maximum Queue (ft)	64	32	33	9
Average Queue (ft)	32	3	5	0
95th Queue (ft)	54	19	24	7
Link Distance (ft)	449	354		
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)			150	150
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 22: Esplanade Ave & South Driveway

Movement	EB	SB
Directions Served	L	LR
Maximum Queue (ft)	23	94
Average Queue (ft)	2	43
95th Queue (ft)	14	74
Link Distance (ft)		443
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)	150	
Storage Blk Time (%)		
Queuing Penalty (veh)		

Network Summary

Network wide Queuing Penalty: 616

Intersection: 1: Sanderson Ave & Ramona Expy

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	21.5	35.5	6.5	28.5	8.5	48.5	16.5	18.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	1.6	-5.2	6.5	-8.9	8.5	8.5	-3.3	-2.3
g/C Ratio	0.26	-0.83	0.72	-1.42	1.35	1.36	-0.53	-0.36
Cycles Skipped (%)	0	0	31	0	0	0	0	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	97	91	28	81	78	88	97	70
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 6.3
Number of Complete Cycles : 32

Intersection: 2: Sanderson Ave & Ramona Blvd

Phase	1	2	3	6	8
Movement(s) Served	SBL	NBT	NWL	SBT	NWR
Maximum Green (s)	18.5	55.5	22.5	78.5	22.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	Min	None
Avg. Green (s)	-6.9	2.0	8.3	1.1	-5.1
g/C Ratio	-1.16	0.50	1.25	0.22	-1.03
Cycles Skipped (%)	32	0	39	18	18
Cycles @ Minimum (%)	0	0	0	0	11
Cycles Maxed Out (%)	0	11	0	10	0
Cycles with Peds (%)	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 4.0
Number of Complete Cycles : 62

Intersection: 4: Sanderson Ave & Cottonwood Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	8.5	40.5	11.5	31.5	8.5	40.5	12.5	30.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	6.9	2.9	7.9	4.5	7.0	4.3	-6.2	1.6
g/C Ratio	0.90	0.54	1.12	0.83	0.74	0.81	-1.06	0.30
Cycles Skipped (%)	31	0	25	2	44	0	9	2
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	13	15	6	6	10	19	11	2
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary
Average Cycle Length (s): 5.3
Number of Complete Cycles : 47

Intersection: 9: Lyon Ave & 7th St

Phase	2	4	6	8
Movement(s) Served	NBTL	EBTL	SBTL	WBTL
Maximum Green (s)	25.5	34.5	25.5	36.5
Minimum Green (s)	5.0	5.0	5.0	5.0
Recall	Min	None	Min	None
Avg. Green (s)	4.0	-5.9	4.0	-3.4
g/C Ratio	0.59	-0.88	0.59	-0.50
Cycles Skipped (%)	0	0	0	0
Cycles @ Minimum (%)	0	0	0	0
Cycles Maxed Out (%)	50	56	50	66
Cycles with Peds (%)	0	0	0	0

Controller Summary
Average Cycle Length (s): 6.8
Number of Complete Cycles : 35

Intersection: 11: State St & 7th St

Phase	1	2	4	5	6	8
Movement(s) Served	SBL	NBT	EBTL	NBL	SBT	WBTL
Maximum Green (s)	14.5	41.5	40.5	9.5	46.5	40.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	Min	None
Avg. Green (s)	8.0	1.1	2.9	7.4	3.2	2.9
g/C Ratio	1.03	0.19	0.50	0.79	0.56	0.50
Cycles Skipped (%)	26	0	0	39	0	0
Cycles @ Minimum (%)	0	0	0	0	0	0
Cycles Maxed Out (%)	0	19	33	12	12	33
Cycles with Peds (%)	0	0	0	0	0	0

Controller Summary
Average Cycle Length (s): 5.7
Number of Complete Cycles : 42

Intersection: 13: Cawston Ave & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	10.5	24.5	14.5	42.5	10.5	24.5	9.5	47.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	None	None	Min	None	None	None	Min
Avg. Green (s)	-8.1	4.9	-5.2	-3.6	8.1	5.0	7.1	0.8
g/C Ratio	-1.02	0.80	-0.84	-0.71	1.16	0.93	0.90	0.16
Cycles Skipped (%)	35	17	18	0	27	4	35	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	20	25	18	4	13	24	10	4
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary
Average Cycle Length (s): 5.1
Number of Complete Cycles : 51

Intersection: 14: Sanderson Ave & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	15.5	36.5	16.5	23.5	10.5	41.5	14.5	25.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	-5.9	-1.0	-7.9	4.2	8.0	4.6	-7.3	3.7
g/C Ratio	-0.92	-0.17	-1.17	0.67	1.02	0.76	-1.10	0.59
Cycles Skipped (%)	5	0	10	3	23	0	8	3
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	23	38	10	38	13	33	21	28
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary
Average Cycle Length (s): 6.1
Number of Complete Cycles : 39

Intersection: 15: Kirby St & Esplanade Ave

Phase	2	3	4	6	7	8
Movement(s) Served	NBTL	WBL	EBT	SBTL	EBL	WBT
Maximum Green (s)	20.5	8.5	41.5	21.5	6.5	43.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0
Recall	Min	None	None	Min	None	None
Avg. Green (s)	-1.2	7.5	2.1	1.2	7.3	4.9
g/C Ratio	-0.20	0.90	0.35	0.19	0.63	0.80
Cycles Skipped (%)	0	26	0	0	47	0
Cycles @ Minimum (%)	0	0	0	0	0	0
Cycles Maxed Out (%)	28	21	46	44	18	37
Cycles with Peds (%)	0	0	0	0	0	0

Controller Summary
Average Cycle Length (s): 6.1
Number of Complete Cycles : 38

Intersection: 16: Lyon Ave & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	5.0	18.0	5.0	18.0	5.0	18.0	5.0	18.0
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	None	None	Min	None	None	None	Min
Avg. Green (s)	6.2	2.3	5.1	0.9	7.8	3.9	5.1	-4.2
g/C Ratio	0.60	0.58	0.78	0.25	0.39	0.99	0.31	-1.16
Cycles Skipped (%)	66	11	46	0	82	10	78	3
Cycles @ Minimum (%)	29	1	54	0	13	3	22	0
Cycles Maxed Out (%)	34	11	54	77	18	19	22	78
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary
Average Cycle Length (s): 3.6
Number of Complete Cycles : 79

Intersection: 17: Palm Ave & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	6.5	45.5	9.5	30.5	6.5	45.5	5.5	34.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	6.3	6.3	7.4	1.9	6.2	-4.7	8.4	2.1
g/C Ratio	1.00	1.20	0.94	0.36	0.70	-0.91	0.98	0.38
Cycles Skipped (%)	17	0	34	0	41	0	38	6
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	55	0	15	72	24	4	57	36
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary
Average Cycle Length (s): 5.2
Number of Complete Cycles : 47

Intersection: 18: State St & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	21.5	26.5	13.5	30.5	9.5	38.5	13.5	30.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	-3.6	7.5	-9.6	-5.1	7.6	0.0	-9.1	-5.4
g/C Ratio	-0.54	1.16	-1.33	-0.78	0.83	0.00	-1.30	-0.84
Cycles Skipped (%)	3	0	11	0	30	0	8	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	11	47	13	45	16	32	16	53
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary
Average Cycle Length (s): 6.5

Number of Complete Cycles : 37

Summary of All Intervals

Run Number	1	2	3	4	5	6	7
Start Time	3:55	3:55	3:55	3:55	3:55	3:55	3:55
End Time	5:00	5:00	5:00	5:00	5:00	5:00	5:00
Total Time (min)	65	65	65	65	65	65	65
Time Recorded (min)	60	60	60	60	60	60	60
# of Intervals	2	2	2	2	2	2	2
# of Recorded Intervals	1	1	1	1	1	1	1
Vehs Entered	16689	16739	16552	16693	16681	16691	17004
Vehs Exited	16466	16570	16288	16504	16507	16547	16836
Starting Vehs	702	711	647	642	630	661	736
Ending Vehs	925	880	911	831	804	805	904
Denied Entry Before	3	8	2	3	4	5	4
Denied Entry After	7	3	2	4	3	4	4
Travel Distance (mi)	20503	20656	20206	20445	20347	20475	20873
Travel Time (hr)	842.4	857.7	816.7	838.0	818.2	819.7	870.9
Total Delay (hr)	364.3	376.5	346.8	361.7	345.3	344.0	384.7
Total Stops	29610	29500	28743	29588	28662	28631	30920
Fuel Used (gal)	820.5	827.8	805.1	819.9	810.0	815.4	837.8

Summary of All Intervals

Run Number	8	9	10	Avg
Start Time	3:55	3:55	3:55	3:55
End Time	5:00	5:00	5:00	5:00
Total Time (min)	65	65	65	65
Time Recorded (min)	60	60	60	60
# of Intervals	2	2	2	2
# of Recorded Intervals	1	1	1	1
Vehs Entered	16854	16985	16722	16760
Vehs Exited	16632	16813	16636	16581
Starting Vehs	690	667	711	664
Ending Vehs	912	839	797	854
Denied Entry Before	1	4	2	0
Denied Entry After	4	2	4	0
Travel Distance (mi)	20716	20776	20554	20555
Travel Time (hr)	854.2	848.9	830.1	839.7
Total Delay (hr)	371.4	366.8	351.8	361.3
Total Stops	30336	29914	29017	29500
Fuel Used (gal)	830.3	833.5	821.3	822.2

Interval #0 Information Seeding

Start Time	3:55
End Time	4:00
Total Time (min)	5

Volumes adjusted by Growth Factors.

No data recorded this interval.

Interval #1 Information Recording

Start Time	4:00
End Time	5:00
Total Time (min)	60

Volumes adjusted by Growth Factors.

Run Number	1	2	3	4	5	6	7
Vehs Entered	16689	16739	16552	16693	16681	16691	17004
Vehs Exited	16466	16570	16288	16504	16507	16547	16836
Starting Vehs	702	711	647	642	630	661	736
Ending Vehs	925	880	911	831	804	805	904
Denied Entry Before	3	8	2	3	4	5	4
Denied Entry After	7	3	2	4	3	4	4
Travel Distance (mi)	20503	20656	20206	20445	20347	20475	20873
Travel Time (hr)	842.4	857.7	816.7	838.0	818.2	819.7	870.9
Total Delay (hr)	364.3	376.5	346.8	361.7	345.3	344.0	384.7
Total Stops	29610	29500	28743	29588	28662	28631	30920
Fuel Used (gal)	820.5	827.8	805.1	819.9	810.0	815.4	837.8

Interval #1 Information Recording

Start Time	4:00
End Time	5:00
Total Time (min)	60

Volumes adjusted by Growth Factors.

Run Number	8	9	10	Avg
Vehs Entered	16854	16985	16722	16760
Vehs Exited	16632	16813	16636	16581
Starting Vehs	690	667	711	664
Ending Vehs	912	839	797	854
Denied Entry Before	1	4	2	0
Denied Entry After	4	2	4	0
Travel Distance (mi)	20716	20776	20554	20555
Travel Time (hr)	854.2	848.9	830.1	839.7
Total Delay (hr)	371.4	366.8	351.8	361.3
Total Stops	30336	29914	29017	29500
Fuel Used (gal)	830.3	833.5	821.3	822.2

1: Sanderson Ave & Ramona Expy Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.3	0.1	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.5	0.6	0.3
Denied Del/Veh (s)	2.4	0.5	2.3	2.3	0.4	2.1	0.0	0.0	0.0	2.5	1.8	2.4
Total Delay (hr)	6.5	6.3	1.1	0.8	5.9	4.1	2.1	10.5	0.1	11.3	16.0	3.0
Total Del/Veh (s)	52.4	37.1	20.3	52.1	54.2	28.6	57.1	49.4	11.5	56.2	44.6	23.6
Stop Delay (hr)	5.4	4.1	0.8	0.8	4.4	2.6	1.9	7.6	0.1	7.0	7.0	1.1
Stop Del/Veh (s)	43.5	24.1	15.8	47.7	40.5	18.3	50.5	35.5	9.9	34.8	19.5	8.5
Total Stops	404	401	119	52	338	330	124	605	14	631	826	280
Stop/Veh	0.90	0.66	0.64	0.91	0.87	0.64	0.93	0.79	0.67	0.87	0.64	0.61
Travel Dist (mi)	163.7	224.7	69.5	27.7	189.6	253.2	23.4	133.1	3.7	335.6	598.3	212.4
Travel Time (hr)	10.2	9.8	2.7	1.4	8.8	9.6	2.8	13.1	0.2	18.7	26.7	7.9
Vehicles Entered	436	597	185	56	379	506	131	753	21	712	1267	449
Vehicles Exited	435	596	184	55	379	505	132	752	21	709	1261	449
Hourly Exit Rate	435	596	184	55	379	505	132	752	21	709	1261	449
Input Volume	428	601	190	56	383	509	132	748	19	705	1267	450
% of Volume	102	99	97	98	99	99	100	101	111	101	100	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

1: Sanderson Ave & Ramona Expy Performance by movement

Movement	All
Denied Delay (hr)	2.3
Denied Del/Veh (s)	1.5
Total Delay (hr)	67.6
Total Del/Veh (s)	43.5
Stop Delay (hr)	42.6
Stop Del/Veh (s)	27.4
Total Stops	4124
Stop/Veh	0.74
Travel Dist (mi)	2234.9
Travel Time (hr)	112.0
Vehicles Entered	5492
Vehicles Exited	5478
Hourly Exit Rate	5478
Input Volume	5488
% of Volume	100
Denied Entry Before	0
Denied Entry After	0

2: Sanderson Ave & Ramona Blvd Performance by movement

Movement	NBT	NBR	SBL	SBT	NWL	NWR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.1	0.2
Denied Del/Veh (s)	0.2	2.7	0.2	0.0	0.3	2.2	0.2
Total Delay (hr)	2.3	0.1	2.2	4.3	0.4	0.2	9.3
Total Del/Veh (s)	10.2	3.4	34.4	11.4	28.7	5.7	12.9
Stop Delay (hr)	0.9	0.0	1.5	0.3	0.4	0.1	3.2
Stop Del/Veh (s)	3.8	2.2	24.2	0.7	26.1	4.4	4.4
Total Stops	240	20	190	133	44	87	714
Stop/Veh	0.30	0.34	0.84	0.10	0.90	0.88	0.28
Travel Dist (mi)	148.1	10.7	40.6	243.8	21.2	43.3	507.7
Travel Time (hr)	5.1	0.4	3.3	9.1	0.9	1.3	20.1
Vehicles Entered	806	58	223	1338	48	98	2571
Vehicles Exited	806	58	222	1339	47	98	2570
Hourly Exit Rate	806	58	222	1339	47	98	2570
Input Volume	803	60	226	1346	49	96	2580
% of Volume	100	97	98	99	96	102	100
Denied Entry Before	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0

3: Cawston Ave & Cottonwood Ave Performance by movement

Movement	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	All
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
Denied Del/Veh (s)	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1
Total Delay (hr)	0.1	0.0	0.1	0.1	0.0	0.1	0.3	0.1	0.1	0.1	0.9
Total Del/Veh (s)	0.8	0.2	3.3	2.2	0.9	11.2	7.9	3.5	10.8	11.0	3.5
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.1	0.5
Stop Del/Veh (s)	0.0	0.0	1.1	0.0	0.0	8.9	4.9	2.9	8.6	7.5	1.8
Total Stops	0	0	33	0	1	35	74	82	24	42	291
Stop/Veh	0.00	0.00	0.29	0.00	0.02	1.00	0.64	0.99	1.00	1.00	0.30
Travel Dist (mi)	41.6	8.9	43.4	72.4	15.3	4.9	13.6	11.6	3.1	5.4	220.3
Travel Time (hr)	0.9	0.2	1.1	1.6	0.4	0.3	0.6	0.5	0.2	0.3	6.1
Vehicles Entered	264	56	114	200	40	35	115	82	24	42	972
Vehicles Exited	264	57	113	199	40	35	114	82	24	42	970
Hourly Exit Rate	264	57	113	199	40	35	114	82	24	42	970
Input Volume	266	56	115	204	40	38	116	83	24	44	986
% of Volume	99	102	98	98	100	92	98	99	100	95	98
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0

4: Sanderson Ave & Cottonwood Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Denied Del/Veh (s)	0.0	0.0	0.3	3.5	0.4	0.2	0.0	0.0	0.0	2.4	0.5	2.4
Total Delay (hr)	1.0	1.5	0.2	0.9	1.3	0.3	0.4	3.6	0.3	2.2	4.9	0.2
Total Del/Veh (s)	33.5	26.5	9.2	34.2	29.6	7.7	38.9	16.8	8.5	44.3	16.4	4.2
Stop Delay (hr)	1.0	1.2	0.2	0.9	1.0	0.2	0.4	1.9	0.1	2.0	2.7	0.1
Stop Del/Veh (s)	31.5	21.4	9.0	31.3	22.4	6.9	34.5	9.0	3.5	39.3	9.0	1.6
Total Stops	97	150	59	86	121	93	37	309	57	173	493	70
Stop/Veh	0.88	0.71	0.75	0.88	0.74	0.76	0.92	0.40	0.53	0.97	0.46	0.45
Travel Dist (mi)	11.2	21.8	8.1	23.7	39.8	30.1	19.3	349.0	53.0	30.5	183.5	26.8
Travel Time (hr)	1.4	2.0	0.5	1.7	2.3	1.1	0.9	11.6	1.6	3.2	9.1	1.1
Vehicles Entered	109	209	79	96	161	122	39	764	106	176	1054	154
Vehicles Exited	108	208	78	96	161	122	38	763	106	176	1052	154
Hourly Exit Rate	108	208	78	96	161	122	38	763	106	176	1052	154
Input Volume	110	206	81	97	165	119	42	769	107	169	1058	152
% of Volume	98	101	96	99	98	103	90	99	99	104	99	101
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

4: Sanderson Ave & Cottonwood Ave Performance by movement

Movement	All
Denied Delay (hr)	0.5
Denied Del/Veh (s)	0.6
Total Delay (hr)	16.8
Total Del/Veh (s)	19.6
Stop Delay (hr)	11.6
Stop Del/Veh (s)	13.5
Total Stops	1745
Stop/Veh	0.56
Travel Dist (mi)	796.7
Travel Time (hr)	36.4
Vehicles Entered	3069
Vehicles Exited	3062
Hourly Exit Rate	3062
Input Volume	3075
% of Volume	100
Denied Entry Before	0
Denied Entry After	0

5: North Driveway/Karpick St & 7th St Performance by movement

Movement	EBT	WBL	WBT	WBR	NBR	SBL	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	0.1	0.1	0.0	0.0	0.0	0.3
Total Del/Veh (s)	0.2	4.3	3.1	2.9	2.9	4.7	3.0
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Stop Del/Veh (s)	0.0	0.6	0.7	0.7	2.5	3.3	1.1
Total Stops	0	4	0	0	53	31	88
Stop/Veh	0.00	0.05	0.00	0.00	1.00	1.00	0.28
Travel Dist (mi)	4.7	9.6	8.2	4.7	3.0	0.8	31.0
Travel Time (hr)	0.1	0.4	0.3	0.2	0.2	0.1	1.4
Vehicles Entered	49	78	68	38	53	31	317
Vehicles Exited	49	78	68	38	52	31	316
Hourly Exit Rate	49	78	68	38	52	31	316
Input Volume	49	83	66	43	53	31	325
% of Volume	100	94	103	88	98	100	97
Denied Entry Before	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0

6: Cawston Ave & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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)	0.0	0.2	0.0	0.2	0.3	0.1	0.1	0.5	0.2	0.1	0.5	0.0
Total Del/Veh (s)	6.5	8.9	4.0	7.3	7.0	3.8	8.1	10.9	6.9	8.3	10.0	1.9
Stop Delay (hr)	0.0	0.1	0.0	0.1	0.2	0.0	0.0	0.3	0.1	0.1	0.2	0.0
Stop Del/Veh (s)	4.5	4.4	3.8	4.5	3.3	3.3	4.2	5.1	4.6	5.7	4.8	2.4
Total Stops	8	93	32	97	136	49	36	174	85	41	182	11
Stop/Veh	1.00	0.99	0.97	0.99	0.77	1.00	1.00	0.98	1.00	1.00	0.99	0.92
Travel Dist (mi)	1.0	11.1	3.9	21.4	34.7	10.8	9.2	44.6	21.6	9.5	42.2	2.6
Travel Time (hr)	0.1	0.6	0.2	0.9	1.3	0.4	0.4	1.8	0.9	0.4	1.7	0.1
Vehicles Entered	8	93	33	98	176	49	36	176	85	41	182	12
Vehicles Exited	8	93	32	97	176	49	36	177	85	41	182	11
Hourly Exit Rate	8	93	32	97	176	49	36	177	85	41	182	11
Input Volume	10	93	31	101	176	53	41	175	85	42	185	12
% of Volume	80	100	103	96	100	92	88	101	100	98	98	92
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

6: Cawston Ave & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.0
Total Delay (hr)	2.3
Total Del/Veh (s)	8.2
Stop Delay (hr)	1.2
Stop Del/Veh (s)	4.4
Total Stops	944
Stop/Veh	0.95
Travel Dist (mi)	212.5
Travel Time (hr)	8.8
Vehicles Entered	989
Vehicles Exited	987
Hourly Exit Rate	987
Input Volume	1004
% of Volume	98
Denied Entry Before	0
Denied Entry After	0

7: Sanderson Ave & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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)	0.3	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.4	1.0	0.2	1.8	1.2	0.1	0.4	3.8	0.5	1.0	4.7	0.2
Total Del/Veh (s)	28.5	23.9	15.7	35.7	22.9	5.0	33.7	16.2	14.6	38.6	15.9	9.1
Stop Delay (hr)	0.4	0.7	0.1	1.6	0.9	0.1	0.3	1.1	0.2	0.8	1.3	0.0
Stop Del/Veh (s)	25.1	17.7	14.1	31.6	16.9	4.7	25.7	4.7	4.8	29.7	4.5	1.9
Total Stops	50	94	25	163	119	40	40	230	45	80	302	27
Stop/Veh	0.94	0.62	0.69	0.90	0.61	0.63	0.87	0.27	0.37	0.87	0.28	0.30
Travel Dist (mi)	13.8	38.6	9.2	22.1	23.5	7.6	22.6	409.5	59.9	45.1	517.7	44.5
Travel Time (hr)	0.8	1.9	0.4	2.5	1.8	0.3	1.0	12.4	1.9	2.0	15.5	1.3
Vehicles Entered	53	149	36	180	194	63	45	831	120	90	1048	88
Vehicles Exited	53	149	35	180	192	63	45	828	119	90	1048	88
Hourly Exit Rate	53	149	35	180	192	63	45	828	119	90	1048	88
Input Volume	56	146	37	190	195	64	47	832	125	95	1053	88
% of Volume	95	102	95	95	98	98	96	100	95	95	100	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

7: Sanderson Ave & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.0
Total Delay (hr)	15.3
Total Del/Veh (s)	18.8
Stop Delay (hr)	7.6
Stop Del/Veh (s)	9.3
Total Stops	1215
Stop/Veh	0.41
Travel Dist (mi)	1214.1
Travel Time (hr)	41.9
Vehicles Entered	2897
Vehicles Exited	2890
Hourly Exit Rate	2890
Input Volume	2928
% of Volume	99
Denied Entry Before	0
Denied Entry After	0

8: Kirby St & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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)	0.1	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	3.9
Total Delay (hr)	0.1	2.1	0.1	0.5	2.8	0.2	0.2	1.4	0.3	0.1	0.6	0.0
Total Del/Veh (s)	18.8	21.3	7.5	17.9	23.4	22.1	21.1	23.1	10.4	10.5	13.9	5.8
Stop Delay (hr)	0.1	1.3	0.1	0.2	1.4	0.2	0.1	0.8	0.1	0.1	0.3	0.0
Stop Del/Veh (s)	14.7	13.0	4.4	7.7	11.8	14.3	13.8	12.8	5.6	7.5	7.5	4.1
Total Stops	14	346	43	104	333	39	26	220	89	25	166	16
Stop/Veh	1.00	0.99	1.02	1.01	0.77	0.98	1.00	0.99	1.00	1.00	1.00	1.00
Travel Dist (mi)	4.8	118.3	14.2	50.5	188.8	19.6	12.8	109.6	43.9	2.9	19.5	1.9
Travel Time (hr)	0.2	4.7	0.5	1.8	7.1	0.8	0.5	4.3	1.5	0.2	1.1	0.1
Vehicles Entered	14	346	42	102	425	40	26	220	88	25	166	16
Vehicles Exited	14	344	41	102	426	39	26	219	88	25	165	16
Hourly Exit Rate	14	344	41	102	426	39	26	219	88	25	165	16
Input Volume	15	352	43	105	435	41	26	232	89	27	161	16
% of Volume	93	98	95	97	98	95	100	94	99	93	102	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

8: Kirby St & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.1
Total Delay (hr)	8.4
Total Del/Veh (s)	19.7
Stop Delay (hr)	4.6
Stop Del/Veh (s)	10.9
Total Stops	1421
Stop/Veh	0.93
Travel Dist (mi)	586.9
Travel Time (hr)	22.8
Vehicles Entered	1510
Vehicles Exited	1505
Hourly Exit Rate	1505
Input Volume	1542
% of Volume	98
Denied Entry Before	0
Denied Entry After	0

9: Lyon Ave & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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	3.6	0.4	0.2
Total Delay (hr)	0.2	5.5	0.2	0.7	5.7	0.4	0.6	2.4	0.4	1.0	2.8	0.1
Total Del/Veh (s)	36.2	47.2	38.3	38.0	39.0	33.6	55.3	38.6	31.4	78.6	41.0	9.5
Stop Delay (hr)	0.2	3.9	0.2	0.5	3.4	0.3	0.6	1.8	0.4	1.0	2.2	0.1
Stop Del/Veh (s)	26.7	33.6	29.4	25.0	23.1	22.6	54.0	29.9	27.1	74.4	32.0	9.2
Total Stops	17	331	19	46	348	32	39	155	41	45	193	25
Stop/Veh	0.81	0.78	0.86	0.68	0.66	0.71	0.98	0.70	0.82	0.94	0.79	0.74
Travel Dist (mi)	10.1	200.9	10.8	33.4	254.7	21.8	8.0	41.9	10.1	3.8	19.7	2.8
Travel Time (hr)	0.5	10.2	0.5	1.5	11.5	1.0	0.8	3.2	0.7	1.2	3.2	0.2
Vehicles Entered	20	415	22	67	524	44	40	220	50	47	242	34
Vehicles Exited	20	413	22	66	517	44	40	218	50	46	242	34
Hourly Exit Rate	20	413	22	66	517	44	40	218	50	46	242	34
Input Volume	21	425	22	68	525	43	43	214	52	50	232	34
% of Volume	95	97	100	97	98	102	93	102	96	92	104	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

9: Lyon Ave & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.2
Total Delay (hr)	20.2
Total Del/Veh (s)	41.6
Stop Delay (hr)	14.5
Stop Del/Veh (s)	29.9
Total Stops	1291
Stop/Veh	0.74
Travel Dist (mi)	617.9
Travel Time (hr)	34.6
Vehicles Entered	1725
Vehicles Exited	1712
Hourly Exit Rate	1712
Input Volume	1729
% of Volume	99
Denied Entry Before	0
Denied Entry After	0

10: Palm Ave & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.5	1.2	1.2	0.0	0.0	0.0	0.2	0.2	0.2
Total Delay (hr)	0.2	3.3	0.2	0.4	6.6	0.4	0.1	0.5	0.1	0.1	0.3	0.1
Total Del/Veh (s)	18.2	27.5	22.8	25.3	40.8	34.7	10.3	10.8	8.1	8.2	11.2	6.3
Stop Delay (hr)	0.1	1.6	0.1	0.3	5.4	0.4	0.1	0.3	0.1	0.0	0.2	0.0
Stop Del/Veh (s)	5.3	13.3	14.1	17.4	33.5	32.6	7.0	5.6	6.2	5.6	5.4	5.1
Total Stops	46	397	24	90	564	40	30	122	47	30	107	30
Stop/Veh	1.10	0.93	0.96	1.43	0.96	0.98	1.00	0.76	0.98	1.00	0.99	1.00
Travel Dist (mi)	20.8	204.6	12.2	7.7	70.5	4.9	11.5	54.8	18.4	2.0	7.1	2.0
Travel Time (hr)	0.7	8.0	0.5	0.7	8.4	0.6	0.4	1.9	0.6	0.1	0.5	0.1
Vehicles Entered	42	424	25	63	580	41	30	158	48	30	108	30
Vehicles Exited	42	418	24	62	576	40	30	158	47	30	107	30
Hourly Exit Rate	42	418	24	62	576	40	30	158	47	30	107	30
Input Volume	43	442	25	64	575	40	31	152	52	31	110	30
% of Volume	98	95	96	97	100	100	97	104	90	97	97	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

10: Palm Ave & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.5
Total Delay (hr)	12.2
Total Del/Veh (s)	27.7
Stop Delay (hr)	8.5
Stop Del/Veh (s)	19.3
Total Stops	1527
Stop/Veh	0.96
Travel Dist (mi)	416.5
Travel Time (hr)	22.6
Vehicles Entered	1579
Vehicles Exited	1564
Hourly Exit Rate	1564
Input Volume	1595
% of Volume	98
Denied Entry Before	0
Denied Entry After	0

11: State St & 7th St Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Denied Del/Veh (s)	0.2	0.0	0.2	3.1	0.6	0.3	0.0	0.0	0.0	2.6	0.4	0.4
Total Delay (hr)	1.4	2.4	0.2	1.2	4.3	0.1	1.1	4.5	0.7	1.7	6.3	0.6
Total Del/Veh (s)	66.1	25.8	9.2	45.1	32.0	5.1	56.1	26.6	23.0	54.6	26.1	19.8
Stop Delay (hr)	1.3	1.7	0.1	1.0	2.8	0.1	0.9	2.7	0.5	1.5	4.2	0.5
Stop Del/Veh (s)	60.7	17.8	5.9	37.6	21.0	4.3	48.4	16.0	15.0	48.3	17.0	15.6
Total Stops	78	202	43	105	326	48	72	330	69	128	537	76
Stop/Veh	1.03	0.59	0.52	1.12	0.67	0.56	1.04	0.55	0.59	1.12	0.61	0.64
Travel Dist (mi)	27.5	123.7	29.6	12.8	65.8	11.5	33.6	291.2	58.1	10.5	82.3	11.1
Travel Time (hr)	2.1	5.2	1.0	1.6	5.9	0.5	1.9	11.4	2.3	2.2	8.3	1.1
Vehicles Entered	75	337	81	94	482	84	68	591	115	112	868	117
Vehicles Exited	73	333	80	93	478	84	67	591	115	112	869	116
Hourly Exit Rate	73	333	80	93	478	84	67	591	115	112	869	116
Input Volume	78	355	88	97	473	83	69	597	119	117	879	116
% of Volume	94	94	91	96	101	101	97	99	97	96	99	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

11: State St & 7th St Performance by movement

Movement	All
Denied Delay (hr)	0.4
Denied Del/Veh (s)	0.4
Total Delay (hr)	24.7
Total Del/Veh (s)	29.0
Stop Delay (hr)	17.3
Stop Del/Veh (s)	20.4
Total Stops	2014
Stop/Veh	0.66
Travel Dist (mi)	757.8
Travel Time (hr)	43.4
Vehicles Entered	3024
Vehicles Exited	3011
Hourly Exit Rate	3011
Input Volume	3071
% of Volume	98
Denied Entry Before	0
Denied Entry After	0

12: Warren Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.0	0.0	0.4	0.6	0.6	0.4	0.3	0.4
Total Delay (hr)	0.0	0.1	0.0	0.4	0.2	0.1	0.0	5.8	1.5	0.4	1.5	0.1
Total Del/Veh (s)	6.1	11.6	2.6	9.3	2.3	6.4	40.0	42.7	35.1	14.8	18.8	11.4
Stop Delay (hr)	0.0	0.0	0.0	0.2	0.1	0.1	0.0	4.2	1.3	0.2	0.6	0.0
Stop Del/Veh (s)	5.0	5.5	2.6	5.9	0.5	4.7	34.9	31.0	30.5	8.8	7.5	6.7
Total Stops	10	29	2	140	36	68	4	483	158	95	281	25
Stop/Veh	0.91	1.00	1.00	0.99	0.10	0.99	1.00	0.99	0.99	0.99	0.99	1.00
Travel Dist (mi)	1.3	3.6	0.2	118.7	172.0	58.0	0.8	104.5	34.4	21.4	63.1	5.7
Travel Time (hr)	0.1	0.2	0.0	2.9	3.7	1.4	0.1	7.8	2.5	0.9	2.7	0.2
Vehicles Entered	11	29	2	140	365	68	4	481	158	95	280	25
Vehicles Exited	10	29	2	140	364	68	4	482	158	95	281	25
Hourly Exit Rate	10	29	2	140	364	68	4	482	158	95	281	25
Input Volume	11	29	1	143	366	71	5	477	158	98	282	25
% of Volume	91	100	200	98	99	96	80	101	100	97	100	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

12: Warren Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.3
Total Delay (hr)	10.2
Total Del/Veh (s)	21.8
Stop Delay (hr)	6.9
Stop Del/Veh (s)	14.8
Total Stops	1331
Stop/Veh	0.79
Travel Dist (mi)	583.7
Travel Time (hr)	22.5
Vehicles Entered	1658
Vehicles Exited	1658
Hourly Exit Rate	1658
Input Volume	1666
% of Volume	100
Denied Entry Before	0
Denied Entry After	0

13: Cawston Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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	0.6	0.1	0.0	0.0	0.0	0.0
Total Delay (hr)	0.5	1.5	0.4	0.7	2.3	0.3	2.0	1.3	0.1	0.4	1.4	0.4
Total Del/Veh (s)	31.8	17.8	9.4	37.3	19.3	15.0	38.2	22.2	6.0	31.5	25.5	16.6
Stop Delay (hr)	0.5	1.0	0.3	0.6	1.2	0.2	1.6	0.9	0.1	0.4	1.1	0.3
Stop Del/Veh (s)	29.2	12.0	7.4	31.5	10.4	9.2	31.8	15.3	3.7	29.6	19.5	13.7
Total Stops	57	169	87	63	209	42	168	134	40	41	148	66
Stop/Veh	0.92	0.56	0.64	0.88	0.50	0.60	0.91	0.63	0.62	0.89	0.73	0.78
Travel Dist (mi)	11.1	53.8	24.5	35.4	200.7	34.1	83.0	95.7	29.6	10.9	48.8	20.4
Travel Time (hr)	0.9	2.6	1.1	1.6	6.7	1.1	4.5	4.1	1.0	0.7	2.9	1.1
Vehicles Entered	61	298	136	72	417	69	180	208	64	45	202	84
Vehicles Exited	61	298	136	71	415	68	180	206	64	45	201	84
Hourly Exit Rate	61	298	136	71	415	68	180	206	64	45	201	84
Input Volume	61	307	142	78	425	74	179	207	65	48	206	85
% of Volume	100	97	96	91	98	92	101	100	98	94	98	99
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

13: Cawston Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.1
Total Delay (hr)	11.3
Total Del/Veh (s)	21.8
Stop Delay (hr)	8.2
Stop Del/Veh (s)	15.9
Total Stops	1224
Stop/Veh	0.66
Travel Dist (mi)	648.0
Travel Time (hr)	28.3
Vehicles Entered	1836
Vehicles Exited	1829
Hourly Exit Rate	1829
Input Volume	1877
% of Volume	97
Denied Entry Before	0
Denied Entry After	0

14: Sanderson Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.0	0.0	2.7	0.3	0.3	0.0	0.0	0.0
Total Delay (hr)	1.3	2.4	0.4	2.2	3.7	0.4	1.4	5.6	0.6	1.9	7.3	0.5
Total Del/Veh (s)	47.0	36.1	17.8	49.5	35.4	9.5	46.4	26.6	17.8	51.3	26.8	13.0
Stop Delay (hr)	1.1	1.8	0.3	1.9	2.8	0.3	1.2	3.7	0.5	1.6	3.6	0.1
Stop Del/Veh (s)	40.6	26.4	12.1	42.4	27.1	8.3	41.5	17.5	13.0	41.7	13.2	3.0
Total Stops	88	174	73	158	258	110	98	465	79	118	490	61
Stop/Veh	0.88	0.72	0.94	0.97	0.69	0.73	0.91	0.61	0.63	0.88	0.50	0.47
Travel Dist (mi)	48.5	118.1	38.1	51.7	112.1	48.4	17.1	121.2	20.2	65.5	477.3	64.0
Travel Time (hr)	2.5	4.9	1.3	3.7	6.5	1.8	2.0	8.4	1.3	3.4	17.2	2.0
Vehicles Entered	98	239	77	160	369	150	107	752	126	131	962	128
Vehicles Exited	97	238	78	159	365	150	106	749	124	130	964	128
Hourly Exit Rate	97	238	78	159	365	150	106	749	124	130	964	128
Input Volume	105	244	77	164	383	153	107	746	124	137	974	129
% of Volume	92	98	101	97	95	98	99	100	100	95	99	99
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

14: Sanderson Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.2
Total Delay (hr)	27.7
Total Del/Veh (s)	29.8
Stop Delay (hr)	18.9
Stop Del/Veh (s)	20.3
Total Stops	2172
Stop/Veh	0.65
Travel Dist (mi)	1182.3
Travel Time (hr)	54.9
Vehicles Entered	3299
Vehicles Exited	3288
Hourly Exit Rate	3288
Input Volume	3343
% of Volume	98
Denied Entry Before	0
Denied Entry After	0

15: Kirby St & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.2	0.1	0.0	0.0	0.0	0.7	0.6	3.5	0.0	0.0	0.4
Total Delay (hr)	0.6	5.6	0.7	1.2	6.8	0.5	1.1	3.5	0.3	0.7	4.4	0.4
Total Del/Veh (s)	55.1	42.3	33.7	61.4	42.3	38.9	50.7	49.2	13.0	60.2	61.4	30.1
Stop Delay (hr)	0.6	3.8	0.6	1.1	4.0	0.3	1.0	2.8	0.3	0.6	3.6	0.3
Stop Del/Veh (s)	53.5	28.8	26.2	56.5	24.9	25.7	43.5	39.3	9.9	51.8	50.3	23.4
Total Stops	35	360	60	71	405	34	74	223	72	41	251	53
Stop/Veh	0.92	0.75	0.79	0.99	0.71	0.76	0.91	0.88	0.78	1.02	0.98	1.10
Travel Dist (mi)	5.8	73.9	11.7	36.0	285.7	22.4	13.5	42.5	15.5	18.8	120.2	22.3
Travel Time (hr)	0.7	7.1	1.1	2.1	13.3	1.1	1.6	4.6	0.9	1.2	7.5	1.0
Vehicles Entered	37	476	76	71	568	44	80	250	91	39	252	47
Vehicles Exited	36	472	75	71	562	44	79	250	91	39	250	47
Hourly Exit Rate	36	472	75	71	562	44	79	250	91	39	250	47
Input Volume	41	486	74	78	577	48	80	252	89	45	247	47
% of Volume	88	97	101	91	97	92	99	99	102	87	101	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

15: Kirby St & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.3
Total Delay (hr)	25.8
Total Del/Veh (s)	45.2
Stop Delay (hr)	18.9
Stop Del/Veh (s)	33.0
Total Stops	1679
Stop/Veh	0.82
Travel Dist (mi)	668.4
Travel Time (hr)	42.3
Vehicles Entered	2031
Vehicles Exited	2016
Hourly Exit Rate	2016
Input Volume	2064
% of Volume	98
Denied Entry Before	0
Denied Entry After	0

16: Lyon Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Denied Del/Veh (s)	0.2	0.0	0.1	0.0	0.0	0.0	3.7	0.6	3.5	0.0	0.0	0.0
Total Delay (hr)	0.4	3.9	0.1	1.4	3.8	0.1	0.3	1.7	0.2	0.7	2.1	0.0
Total Del/Veh (s)	50.8	24.8	13.3	48.6	21.0	5.8	43.1	30.5	10.9	44.9	28.8	7.4
Stop Delay (hr)	0.3	1.7	0.0	1.1	1.7	0.1	0.3	1.3	0.2	0.6	1.5	0.0
Stop Del/Veh (s)	40.2	11.1	4.3	37.2	9.5	2.8	39.6	22.3	9.0	39.5	19.9	4.9
Total Stops	31	278	17	102	295	36	26	145	62	52	174	12
Stop/Veh	1.03	0.50	0.47	0.99	0.45	0.45	0.96	0.70	0.76	0.96	0.66	0.67
Travel Dist (mi)	14.3	273.2	17.4	49.7	317.4	38.8	2.4	18.7	7.5	16.0	76.5	5.3
Travel Time (hr)	0.8	10.2	0.6	2.7	12.0	1.2	0.4	2.2	0.6	1.1	3.6	0.2
Vehicles Entered	29	552	35	101	646	78	27	204	82	54	259	18
Vehicles Exited	29	550	35	100	644	78	27	204	82	53	257	18
Hourly Exit Rate	29	550	35	100	644	78	27	204	82	53	257	18
Input Volume	31	563	38	107	660	77	29	201	83	53	250	19
% of Volume	94	98	92	93	98	101	93	101	99	100	103	95
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

16: Lyon Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.3
Total Delay (hr)	14.9
Total Del/Veh (s)	25.4
Stop Delay (hr)	8.8
Stop Del/Veh (s)	15.0
Total Stops	1230
Stop/Veh	0.58
Travel Dist (mi)	837.3
Travel Time (hr)	35.5
Vehicles Entered	2085
Vehicles Exited	2077
Hourly Exit Rate	2077
Input Volume	2111
% of Volume	98
Denied Entry Before	0
Denied Entry After	0

17: Palm Ave & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	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	3.6	0.4	0.4	1.4	0.1	1.3
Total Delay (hr)	0.4	8.1	0.5	1.6	7.3	0.2	0.7	1.0	0.5	0.7	1.2	0.1
Total Del/Veh (s)	54.0	47.2	38.5	53.6	34.5	10.1	38.8	28.2	15.4	37.5	24.5	5.1
Stop Delay (hr)	0.3	4.5	0.3	1.1	3.5	0.1	0.7	0.7	0.4	0.7	1.0	0.1
Stop Del/Veh (s)	39.3	26.1	23.1	37.1	16.6	4.8	34.6	21.0	12.1	34.6	20.0	4.1
Total Stops	36	521	43	111	491	45	66	91	92	66	121	31
Stop/Veh	1.24	0.85	0.88	1.06	0.65	0.54	0.96	0.72	0.77	0.94	0.71	0.70
Travel Dist (mi)	14.1	298.2	23.9	51.4	366.6	41.3	9.9	18.2	17.3	6.1	15.0	3.9
Travel Time (hr)	0.8	14.3	1.1	3.0	16.7	1.4	1.1	1.5	1.1	1.0	1.6	0.2
Vehicles Entered	28	608	48	102	743	83	67	125	119	69	171	44
Vehicles Exited	28	601	48	102	742	82	68	125	119	70	169	44
Hourly Exit Rate	28	601	48	102	742	82	68	125	119	70	169	44
Input Volume	30	617	52	107	760	82	71	123	118	74	173	43
% of Volume	93	97	92	95	98	100	96	102	101	95	98	102
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

17: Palm Ave & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.2
Total Delay (hr)	22.3
Total Del/Veh (s)	35.8
Stop Delay (hr)	13.3
Stop Del/Veh (s)	21.3
Total Stops	1714
Stop/Veh	0.76
Travel Dist (mi)	865.7
Travel Time (hr)	43.8
Vehicles Entered	2207
Vehicles Exited	2198
Hourly Exit Rate	2198
Input Volume	2250
% of Volume	98
Denied Entry Before	0
Denied Entry After	0

18: State St & Esplanade Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	2.4	0.2	0.3	3.0	0.2	0.2	0.0	0.0	0.0
Total Delay (hr)	1.7	5.7	0.6	2.0	8.8	1.8	0.9	4.7	1.0	4.1	6.0	1.3
Total Del/Veh (s)	55.1	33.7	30.4	60.3	43.8	34.1	52.1	34.9	23.9	63.4	32.2	29.0
Stop Delay (hr)	1.4	3.6	0.4	1.8	6.6	1.4	0.8	3.7	0.8	3.3	3.3	0.8
Stop Del/Veh (s)	45.6	21.2	21.6	51.9	32.9	26.8	46.8	27.3	19.2	50.6	17.8	17.3
Total Stops	121	375	53	154	609	165	67	350	115	244	391	100
Stop/Veh	1.07	0.62	0.74	1.26	0.84	0.85	1.06	0.73	0.78	1.04	0.59	0.63
Travel Dist (mi)	55.2	291.6	35.5	33.2	200.1	53.6	14.1	108.2	33.3	114.3	321.7	78.1
Travel Time (hr)	3.0	11.8	1.5	3.1	13.9	3.4	1.4	7.4	2.0	7.0	13.3	3.3
Vehicles Entered	111	598	71	119	716	191	62	476	147	229	656	157
Vehicles Exited	111	592	70	118	709	190	62	474	145	227	652	155
Hourly Exit Rate	111	592	70	118	709	190	62	474	145	227	652	155
Input Volume	114	613	74	125	719	189	64	482	148	234	665	165
% of Volume	97	97	95	94	99	101	97	98	98	97	98	94
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

18: State St & Esplanade Ave Performance by movement

Movement	All
Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.2
Total Delay (hr)	38.7
Total Del/Veh (s)	38.9
Stop Delay (hr)	27.9
Stop Del/Veh (s)	28.0
Total Stops	2744
Stop/Veh	0.77
Travel Dist (mi)	1338.9
Travel Time (hr)	71.1
Vehicles Entered	3533
Vehicles Exited	3505
Hourly Exit Rate	3505
Input Volume	3592
% of Volume	98
Denied Entry Before	0
Denied Entry After	0

19: Cawston Ave & Eaton Ave Performance by movement

Movement	WBL	WBR	NBT	NBR	SBL	SBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.2	2.4	0.0	0.0	0.3	0.0	0.2
Total Delay (hr)	0.0	0.0	0.9	0.1	0.1	1.0	2.2
Total Del/Veh (s)	4.2	2.6	9.7	5.8	7.7	9.5	8.8
Stop Delay (hr)	0.0	0.0	0.3	0.0	0.1	0.3	0.7
Stop Del/Veh (s)	2.8	2.4	2.9	2.7	3.3	2.8	2.9
Total Stops	25	51	331	40	67	382	896
Stop/Veh	0.96	1.00	0.96	0.98	0.99	0.98	0.98
Travel Dist (mi)	8.4	16.8	83.2	9.9	31.9	182.4	332.6
Travel Time (hr)	0.3	0.5	3.4	0.4	1.2	6.5	12.2
Vehicles Entered	25	51	340	40	67	383	906
Vehicles Exited	25	51	341	40	67	381	905
Hourly Exit Rate	25	51	341	40	67	381	905
Input Volume	30	47	339	44	70	400	930
% of Volume	83	109	101	91	96	95	97
Denied Entry Before	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0

20: Cawston Ave & Coriander Dr/Fruitvale Ave Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
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)	0.1	0.1	0.1	0.2	0.2	3.3	2.5	0.1	0.1	0.5	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.8	0.1	0.1	1.2	0.0
Total Del/Veh (s)	4.0	7.2	3.1	5.0	7.7	2.9	5.4	7.9	3.5	7.9	9.9	7.4
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3	0.0
Stop Del/Veh (s)	2.7	4.5	2.9	3.0	3.3	2.6	2.9	2.8	2.4	3.2	2.9	3.4
Total Stops	2	1	5	42	2	33	8	346	56	46	419	2
Stop/Veh	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.99	1.00	0.98	0.99	1.00
Travel Dist (mi)	0.2	0.2	0.6	10.0	0.5	7.8	1.8	84.0	13.4	10.9	97.7	0.6
Travel Time (hr)	0.0	0.0	0.0	0.4	0.0	0.3	0.1	3.2	0.5	0.5	4.0	0.0
Vehicles Entered	2	1	5	42	2	33	8	346	55	47	419	2
Vehicles Exited	2	1	5	41	2	33	8	346	56	46	419	2
Hourly Exit Rate	2	1	5	41	2	33	8	346	56	46	419	2
Input Volume	2	1	5	42	3	33	7	348	56	51	440	2
% of Volume	100	100	100	98	67	100	114	99	100	90	95	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

20: Cawston Ave & Coriander Dr/Fruitvale Ave Performance by movement

Movement	All
Denied Delay (hr)	0.1
Denied Del/Veh (s)	0.2
Total Delay (hr)	2.2
Total Del/Veh (s)	8.2
Stop Delay (hr)	0.8
Stop Del/Veh (s)	2.8
Total Stops	962
Stop/Veh	0.99
Travel Dist (mi)	227.6
Travel Time (hr)	9.0
Vehicles Entered	962
Vehicles Exited	961
Hourly Exit Rate	961
Input Volume	990
% of Volume	97
Denied Entry Before	0
Denied Entry After	0

21: Cawston Ave & East Driveway Performance by movement

Movement	EBL	EBR	WBL	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
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
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	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	0.1	0.2	0.0	0.0	0.2	0.0	0.6
Total Del/Veh (s)	7.5	3.5	6.1	3.2	4.9	2.4	2.4	6.7	2.8	2.5	3.0
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Stop Del/Veh (s)	5.8	3.2	4.6	2.9	1.2	0.2	0.2	2.1	0.5	0.5	0.7
Total Stops	16	37	2	3	16	0	0	0	0	0	74
Stop/Veh	0.94	1.00	1.00	1.00	0.31	0.00	0.00	0.00	0.00	0.00	0.10
Travel Dist (mi)	1.4	3.2	0.1	0.2	13.0	70.1	0.5	0.3	72.2	7.4	168.4
Travel Time (hr)	0.1	0.2	0.0	0.0	0.5	2.3	0.0	0.0	2.4	0.3	5.8
Vehicles Entered	17	37	2	3	52	282	2	1	283	29	708
Vehicles Exited	16	37	2	3	52	282	2	1	282	29	706
Hourly Exit Rate	16	37	2	3	52	282	2	1	282	29	706
Input Volume	18	36	2	2	55	286	2	2	289	28	720
% of Volume	89	103	100	150	95	99	100	50	98	104	98
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0

22: Esplanade Ave & South Driveway 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)	1.0	0.1	0.0	0.0	0.2	0.2	0.1
Total Delay (hr)	0.0	0.2	0.5	0.1	0.2	0.0	1.0
Total Del/Veh (s)	4.3	1.4	3.2	3.1	12.9	7.3	3.1
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.2	0.0	0.3
Stop Del/Veh (s)	2.7	0.3	0.2	0.2	11.2	6.7	0.9
Total Stops	12	0	0	0	52	18	82
Stop/Veh	0.43	0.00	0.00	0.00	0.98	1.00	0.07
Travel Dist (mi)	18.4	295.8	105.4	14.7	4.4	1.5	440.3
Travel Time (hr)	0.5	6.6	3.0	0.5	0.4	0.1	11.0
Vehicles Entered	27	435	572	79	52	18	1183
Vehicles Exited	27	434	571	79	52	18	1181
Hourly Exit Rate	27	434	571	79	52	18	1181
Input Volume	28	447	576	83	53	18	1205
% of Volume	96	97	99	95	98	100	98
Denied Entry Before	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0

Total Network Performance

Denied Delay (hr)	4.9
Denied Del/Veh (s)	1.0
Total Delay (hr)	356.5
Total Del/Veh (s)	73.6
Stop Delay (hr)	217.8
Stop Del/Veh (s)	45.0
Total Stops	29500
Stop/Veh	1.69
Travel Dist (mi)	20555.3
Travel Time (hr)	839.7
Vehicles Entered	16760
Vehicles Exited	16581
Hourly Exit Rate	16581
Input Volume	67129
% of Volume	25
Denied Entry Before	0
Denied Entry After	0

Intersection: 1: Sanderson Ave & Ramona Expy

Movement	EB	EB	EB	EB	EB	WB	WB	WB	WB	WB	NB	NB
Directions Served	L	L	T	T	R	L	L	T	T	R	L	L
Maximum Queue (ft)	238	258	249	249	159	60	69	253	311	319	117	156
Average Queue (ft)	138	164	144	141	63	17	28	138	124	187	46	58
95th Queue (ft)	217	235	223	218	126	45	61	210	237	302	94	116
Link Distance (ft)			1976	1976				2634	2634			
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	400	400			180	375	375			143	400	400
Storage Blk Time (%)				3	0			0	3	18		
Queuing Penalty (veh)				5	0			0	18	34		

Intersection: 1: Sanderson Ave & Ramona Expy

Movement	NB	NB	NB	SB	SB	SB	SB	SB
Directions Served	T	T	R	L	L	T	T	R
Maximum Queue (ft)	358	346	36	312	372	943	1050	319
Average Queue (ft)	215	205	6	198	220	298	300	115
95th Queue (ft)	332	321	23	282	323	684	736	268
Link Distance (ft)	873	873	873			2486	2486	
Upstream Blk Time (%)						0	0	
Queuing Penalty (veh)						0	0	
Storage Bay Dist (ft)				400	400			250
Storage Blk Time (%)	0			0	0	1	9	0
Queuing Penalty (veh)	0			0	0	7	42	3

Intersection: 2: Sanderson Ave & Ramona Blvd

Movement	NB	NB	NB	SB	SB	SB	NW	NW
Directions Served	T	T	R	L	T	T	L	R
Maximum Queue (ft)	180	146	54	228	232	187	79	80
Average Queue (ft)	97	49	14	118	50	60	30	31
95th Queue (ft)	160	106	39	198	150	146	65	64
Link Distance (ft)	969	969			873	873	2330	
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)			120	170				50
Storage Blk Time (%)		0		3	0		6	1
Queuing Penalty (veh)		0		22	1		6	1

Intersection: 3: Cawston Ave & Cottonwood Ave

Movement	EB	WB	WB	NB	NB	SB
Directions Served	TR	L	TR	LT	R	LT
Maximum Queue (ft)	2	48	8	93	70	73
Average Queue (ft)	0	15	0	43	33	35
95th Queue (ft)	2	39	4	75	54	61
Link Distance (ft)	830		1962	697		682
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)		195			150	
Storage Blk Time (%)						
Queuing Penalty (veh)						

Intersection: 4: Sanderson Ave & Cottonwood Ave

Movement	EB	EB	EB	EB	EB	WB	WB	WB	WB	NB	NB	NB
Directions Served	L	L	T	T	R	L	L	T	R	L	L	T
Maximum Queue (ft)	71	81	101	105	72	54	116	165	82	66	45	200
Average Queue (ft)	29	39	48	48	28	15	45	74	31	24	4	89
95th Queue (ft)	63	70	83	88	57	41	87	135	63	54	24	169
Link Distance (ft)			507	507				1294	1294			2541
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	300	300			205	320	320			300	300	
Storage Blk Time (%)												
Queuing Penalty (veh)												

Intersection: 4: Sanderson Ave & Cottonwood Ave

Movement	NB	NB	SB	SB	SB	SB	SB
Directions Served	T	R	L	L	T	T	R
Maximum Queue (ft)	218	64	137	170	264	248	62
Average Queue (ft)	101	19	32	94	159	132	29
95th Queue (ft)	187	47	96	153	241	220	52
Link Distance (ft)	2541				915	915	
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)		210	290	290			200
Storage Blk Time (%)	0				0	1	
Queuing Penalty (veh)	0				0	2	

Intersection: 5: North Driveway/Karpick St & 7th St

Movement	WB	NB	SB
Directions Served	L	LTR	LTR
Maximum Queue (ft)	31	52	54
Average Queue (ft)	4	27	21
95th Queue (ft)	20	49	49
Link Distance (ft)		297	136
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)	150		
Storage Blk Time (%)			
Queuing Penalty (veh)			

Intersection: 6: Cawston Ave & 7th St

Movement	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	LTR	L	T	TR	L	TR	LT	R
Maximum Queue (ft)	59	84	78	77	58	120	107	22
Average Queue (ft)	28	39	37	35	24	63	46	5
95th Queue (ft)	48	64	61	61	51	101	82	19
Link Distance (ft)	576		1110	1110		1288	1226	1226
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)		160			85			
Storage Blk Time (%)					0	2		
Queuing Penalty (veh)					0	1		

Intersection: 7: Sanderson Ave & 7th St

Movement	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB	SB
Directions Served	L	TR	L	T	R	L	T	TR	L	T	T	R
Maximum Queue (ft)	77	177	186	220	60	88	252	286	153	247	501	56
Average Queue (ft)	34	74	99	91	23	32	81	108	52	92	115	13
95th Queue (ft)	76	144	163	168	50	73	193	227	114	202	380	40
Link Distance (ft)		1368		646			2569	2569		2541	2541	
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	53		145		600	300			360			360
Storage Blk Time (%)	2	16	2	2			0					
Queuing Penalty (veh)	4	9	6	4			0					

Intersection: 8: Kirby St & 7th St

Movement	EB	EB	WB	WB	NB	NB	SB	SB
Directions Served	LT	R	L	TR	LT	R	LT	R
Maximum Queue (ft)	212	144	147	250	175	79	113	31
Average Queue (ft)	92	22	43	115	87	30	55	12
95th Queue (ft)	164	76	109	202	147	59	89	35
Link Distance (ft)	1855			2533	2568		620	
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)		110	150			280		70
Storage Blk Time (%)	7			5			3	
Queuing Penalty (veh)	3			5			0	

Intersection: 9: Lyon Ave & 7th St

Movement	EB	EB	WB	NB	NB	SB	SB	SB
Directions Served	L	TR	LTR	L	TR	L	T	R
Maximum Queue (ft)	192	408	422	100	284	168	270	68
Average Queue (ft)	22	222	275	35	142	51	144	18
95th Queue (ft)	105	359	400	80	247	122	236	47
Link Distance (ft)		2533	2574	1006	1006		429	429
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)	150					150		
Storage Blk Time (%)		27				1	9	
Queuing Penalty (veh)		6				3	5	

Intersection: 10: Palm Ave & 7th St

Movement	EB	EB	WB	WB	B52	NB	SB
Directions Served	L	TR	L	TR	T	LTR	LTR
Maximum Queue (ft)	159	260	170	515	45	117	79
Average Queue (ft)	38	151	94	267	6	62	47
95th Queue (ft)	113	234	212	506	59	100	74
Link Distance (ft)		2574		601	1929	2000	350
Upstream Blk Time (%)				3			
Queuing Penalty (veh)				20			
Storage Bay Dist (ft)	100		75				
Storage Blk Time (%)		21	0	69			
Queuing Penalty (veh)		9	0	44			

Intersection: 11: State St & 7th St

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	R	L	T	R	L	T	TR	L	T	TR
Maximum Queue (ft)	159	330	200	140	423	70	144	232	255	175	419	350
Average Queue (ft)	72	150	36	77	230	26	59	117	140	103	226	190
95th Queue (ft)	150	272	110	154	383	55	126	213	233	190	356	305
Link Distance (ft)		1929			721	721		2560	2560		491	491
Upstream Blk Time (%)											0	0
Queuing Penalty (veh)											0	0
Storage Bay Dist (ft)	95		215	60			85			105		
Storage Blk Time (%)	10	21	0	12	41		5	16		6	30	
Queuing Penalty (veh)	46	35	0	55	40		13	11		27	35	

Intersection: 12: Warren Ave & Esplanade Ave

Movement	EB	WB	WB	NB	SB
Directions Served	LTR	L	TR	LTR	LTR
Maximum Queue (ft)	62	89	65	512	195
Average Queue (ft)	23	42	35	232	85
95th Queue (ft)	50	73	58	501	148
Link Distance (ft)	671	4426	4426	1142	1186
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)					
Storage Blk Time (%)					
Queuing Penalty (veh)					

Intersection: 13: Cawston Ave & Esplanade Ave

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	T	R	L	TR
Maximum Queue (ft)	98	116	169	106	164	179	188	197	62	87	237
Average Queue (ft)	42	60	82	45	68	91	98	89	24	34	118
95th Queue (ft)	83	104	142	89	137	161	165	161	52	68	201
Link Distance (ft)		906	906		2540	2540		2579	2579	1246	1246
Upstream Blk Time (%)											
Queuing Penalty (veh)											
Storage Bay Dist (ft)	150			150			150				
Storage Blk Time (%)		0			0		3	1			
Queuing Penalty (veh)		0			0		6	2			

Intersection: 14: Sanderson Ave & Esplanade Ave

Movement	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB
Directions Served	L	T	T	R	L	T	R	L	T	TR	L	T
Maximum Queue (ft)	144	127	176	80	234	356	158	149	292	283	200	312
Average Queue (ft)	66	53	79	40	130	189	54	72	176	163	92	163
95th Queue (ft)	119	104	145	90	232	326	109	131	263	258	160	281
Link Distance (ft)		2540	2540			1649	1649		841	841		2569
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	130			55	155			225			245	
Storage Blk Time (%)	1	0	19	2	4	20			2		0	2
Queuing Penalty (veh)	1	0	15	2	13	32			2		0	2

Intersection: 14: Sanderson Ave & Esplanade Ave

Movement	SB	SB
Directions Served	T	R
Maximum Queue (ft)	339	269
Average Queue (ft)	175	55
95th Queue (ft)	292	172
Link Distance (ft)	2569	
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		200
Storage Blk Time (%)	6	
Queuing Penalty (veh)	8	

Intersection: 15: Kirby St & Esplanade Ave

Movement	EB	EB	WB	WB	NB	NB	SB	SB
Directions Served	L	TR	L	TR	LT	R	LT	R
Maximum Queue (ft)	211	493	250	556	375	226	422	170
Average Queue (ft)	35	270	62	288	209	48	215	62
95th Queue (ft)	126	454	158	499	343	148	385	168
Link Distance (ft)	835	835	2575	2575	897		2568	
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)						132		100
Storage Blk Time (%)					32	0	48	0
Queuing Penalty (veh)					29	0	22	0

Intersection: 16: Lyon Ave & Esplanade Ave

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	R	L	T	R	L	T	R	L	T	R
Maximum Queue (ft)	191	409	164	219	441	134	75	196	110	141	240	38
Average Queue (ft)	33	183	20	91	198	28	22	92	28	45	122	10
95th Queue (ft)	116	357	103	194	383	78	57	162	71	99	215	33
Link Distance (ft)		2575			2526	2526		476			1520	
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	122		122	140			120		120	118		118
Storage Blk Time (%)		13		1	14			4	0	0	13	
Queuing Penalty (veh)		9		4	15			5	0	1	9	

Intersection: 17: Palm Ave & Esplanade Ave

Movement	EB	EB	WB	WB	WB	NB	NB	SB	SB	SB		
Directions Served	L	TR	L	T	R	L	TR	L	T	R		
Maximum Queue (ft)	225	601	314	585	316	142	201	108	161	54		
Average Queue (ft)	46	307	116	287	49	44	100	50	82	22		
95th Queue (ft)	171	555	279	552	187	93	174	95	138	48		
Link Distance (ft)		2526		2572	2572		765		508			
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	160		250			75		150		150		
Storage Blk Time (%)		29		14		1	19	0	0			
Queuing Penalty (veh)		9		15		3	13	0	0			

Intersection: 18: State St & Esplanade Ave

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	T	TR	L	T	TR
Maximum Queue (ft)	145	248	257	195	485	466	154	263	281	150	371	367
Average Queue (ft)	90	148	162	130	265	253	67	161	157	133	202	192
95th Queue (ft)	157	233	239	233	422	402	145	238	249	174	339	329
Link Distance (ft)		2572	2572		1477	1477		1199	1199		2560	2560
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	100			140			105			100		
Storage Blk Time (%)	11	23		4	39		1	26		40	18	
Queuing Penalty (veh)	33	26		16	49		2	17		130	42	

Intersection: 19: Cawston Ave & Eaton Ave

Movement	WB	WB	NB	NB	SB	SB	SB
Directions Served	L	R	T	TR	L	T	T
Maximum Queue (ft)	47	56	78	69	66	74	80
Average Queue (ft)	17	26	42	37	31	43	47
95th Queue (ft)	42	48	65	57	53	65	70
Link Distance (ft)	1756		1246	1246		2579	2579
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)		50			105		
Storage Blk Time (%)	0	0			0		
Queuing Penalty (veh)	0	0			0		

Intersection: 20: Cawston Ave & Coriander Dr/Fruitvale Ave

Movement	EB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	LTR	LT	R	L	T	TR	L	T	TR
Maximum Queue (ft)	30	51	53	33	78	71	44	68	61
Average Queue (ft)	7	24	21	6	43	40	21	32	32
95th Queue (ft)	27	48	47	26	67	62	40	52	54
Link Distance (ft)	670	1254			1280	1280		1246	1246
Upstream Blk Time (%)									
Queuing Penalty (veh)									
Storage Bay Dist (ft)			50	150			58		
Storage Blk Time (%)		0	0				0	0	
Queuing Penalty (veh)		0	0				0	0	

Intersection: 21: Cawston Ave & East Driveway

Movement	EB	WB	NB	SB
Directions Served	LTR	LTR	L	L
Maximum Queue (ft)	53	31	47	12
Average Queue (ft)	24	4	13	0
95th Queue (ft)	45	21	40	6
Link Distance (ft)	449	354		
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)			150	150
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 22: Esplanade Ave & South Driveway

Movement	EB	WB	SB
Directions Served	L	TR	LR
Maximum Queue (ft)	48	6	87
Average Queue (ft)	10	0	36
95th Queue (ft)	33	4	68
Link Distance (ft)		906	443
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)	150		
Storage Blk Time (%)			
Queuing Penalty (veh)			

Network Summary

Network wide Queuing Penalty: 1054

Intersection: 1: Sanderson Ave & Ramona Expy

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	29.5	26.5	7.5	28.5	7.5	48.5	19.5	16.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	9.3	6.8	6.8	-9.4	7.3	8.5	-1.2	-3.5
g/C Ratio	1.39	1.02	0.83	-1.41	1.10	1.27	-0.17	-0.52
Cycles Skipped (%)	0	0	19	0	0	0	0	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	91	94	41	91	81	97	78	82
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 6.7
Number of Complete Cycles : 32

Intersection: 2: Sanderson Ave & Ramona Blvd

Phase	1	2	3	6	8
Movement(s) Served	SBL	NBT	NWL	SBT	NWR
Maximum Green (s)	18.5	55.5	22.5	78.5	22.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	Min	None
Avg. Green (s)	0.2	-1.2	7.4	5.9	7.2
g/C Ratio	0.03	-0.28	0.89	0.94	1.14
Cycles Skipped (%)	13	0	50	34	34
Cycles @ Minimum (%)	0	0	0	0	10
Cycles Maxed Out (%)	16	6	0	18	0
Cycles with Peds (%)	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 4.2
Number of Complete Cycles : 62

Intersection: 4: Sanderson Ave & Cottonwood Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	8.5	40.5	11.5	31.5	8.5	40.5	12.5	30.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	-6.6	2.2	-8.6	0.6	6.8	-6.2	-8.0	0.4
g/C Ratio	-1.20	0.40	-1.34	0.11	0.70	-1.15	-1.29	0.08
Cycles Skipped (%)	2	0	16	0	44	0	13	4
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	76	11	11	0	4	48	7	0
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 5.4
Number of Complete Cycles : 45

Intersection: 7: Sanderson Ave & 7th St

Phase	2	4	6	8
Movement(s) Served	NBTL	EBTL	SBTL	WBTL
Maximum Green (s)	61.5	39.5	61.5	39.5
Minimum Green (s)	5.0	5.0	5.0	5.0
Recall	Min	None	Min	None
Avg. Green (s)	1.0	-3.6	1.0	-3.6
g/C Ratio	0.18	-0.63	0.18	-0.63
Cycles Skipped (%)	0	0	0	0
Cycles @ Minimum (%)	0	0	0	0
Cycles Maxed Out (%)	27	14	27	14
Cycles with Peds (%)	0	0	0	0

Controller Summary

Average Cycle Length (s): 5.8
Number of Complete Cycles : 44

Intersection: 9: Lyon Ave & 7th St

Phase	2	4	6	8
Movement(s) Served	NBTL	EBTL	SBTL	WBTL
Maximum Green (s)	22.5	30.5	22.5	43.5
Minimum Green (s)	5.0	5.0	5.0	5.0
Recall	Min	None	Min	None
Avg. Green (s)	2.7	9.3	2.7	2.3
g/C Ratio	0.40	1.36	0.40	0.34
Cycles Skipped (%)	0	0	0	0
Cycles @ Minimum (%)	0	0	0	0
Cycles Maxed Out (%)	79	65	79	68
Cycles with Peds (%)	0	0	0	0

Controller Summary

Average Cycle Length (s): 6.8

Number of Complete Cycles : 33

Intersection: 11: State St & 7th St

Phase	1	2	4	5	6	8
Movement(s) Served	SBL	NBT	EBTL	NBL	SBT	WBTL
Maximum Green (s)	15.5	39.5	41.5	9.5	45.5	41.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	Min	None
Avg. Green (s)	-8.1	0.8	1.9	8.2	5.2	1.9
g/C Ratio	-1.24	0.12	0.30	1.07	0.82	0.30
Cycles Skipped (%)	3	0	0	17	0	0
Cycles @ Minimum (%)	0	0	0	0	0	0
Cycles Maxed Out (%)	14	51	69	33	49	69
Cycles with Peds (%)	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 6.3

Number of Complete Cycles : 35

Intersection: 13: Cawston Ave & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	10.5	24.5	14.5	42.5	10.5	24.5	9.5	47.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	None	None	Min	None	None	None	Min
Avg. Green (s)	9.2	-3.1	8.0	-3.5	-3.3	3.5	7.2	-2.5
g/C Ratio	1.00	-0.60	1.07	-0.73	-0.63	0.68	0.93	-0.52
Cycles Skipped (%)	47	6	35	0	8	7	38	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	8	40	2	2	57	15	13	0
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 4.8

Number of Complete Cycles : 53

Intersection: 14: Sanderson Ave & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	16.5	35.5	16.5	23.5	11.5	40.5	14.5	25.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	-7.3	0.7	-5.3	2.0	9.6	3.4	-10.1	6.1
g/C Ratio	-1.14	0.10	-0.82	0.31	1.40	0.54	-1.42	0.97
Cycles Skipped (%)	3	0	3	3	8	0	11	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	17	75	31	33	33	58	14	57
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 6.3

Number of Complete Cycles : 35

Intersection: 15: Kirby St & Esplanade Ave

Phase	2	3	4	6	7	8
Movement(s) Served	NBTL	WBL	EBT	SBTL	EBL	WBT
Maximum Green (s)	24.5	7.5	39.5	20.5	5.5	41.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	None	Min	None	None	Min
Avg. Green (s)	3.3	7.1	0.7	0.2	5.7	4.4
g/C Ratio	0.51	0.98	0.11	0.03	0.54	0.69
Cycles Skipped (%)	0	12	0	0	39	0
Cycles @ Minimum (%)	0	0	0	0	0	0
Cycles Maxed Out (%)	62	61	79	68	61	79
Cycles with Peds (%)	0	0	0	0	0	0

Controller Summary
Average Cycle Length (s): 6.4
Number of Complete Cycles : 33

Intersection: 16: Lyon Ave & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	7.5	23.5	13.5	47.5	5.5	25.5	5.5	55.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	None	None	Min	None	None	None	Min
Avg. Green (s)	7.6	2.4	-8.4	6.0	6.6	5.4	5.5	-2.1
g/C Ratio	0.88	0.42	-1.31	1.08	0.52	0.94	0.47	-0.37
Cycles Skipped (%)	36	2	14	0	57	2	52	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	34	21	12	16	39	25	43	18
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary
Average Cycle Length (s): 5.5
Number of Complete Cycles : 44

Intersection: 17: Palm Ave & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	6.5	43.5	8.5	33.5	7.5	42.5	8.5	33.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	6.3	3.9	-8.5	3.3	6.8	3.2	7.3	-5.3
g/C Ratio	0.82	0.70	-1.28	0.57	0.93	0.57	0.58	-0.95
Cycles Skipped (%)	26	0	16	2	24	0	56	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	46	0	44	78	41	0	4	89
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 5.6
Number of Complete Cycles : 45

Intersection: 18: State St & Esplanade Ave

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
Maximum Green (s)	21.5	25.5	15.5	29.5	8.5	38.5	15.5	29.5
Minimum Green (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Recall	None	Min	None	None	None	Min	None	None
Avg. Green (s)	-2.1	8.1	-8.6	-7.1	7.6	0.8	-9.2	-6.3
g/C Ratio	-0.33	1.29	-1.29	-1.12	0.96	0.13	-1.37	-1.00
Cycles Skipped (%)	0	0	6	0	21	0	6	0
Cycles @ Minimum (%)	0	0	0	0	0	0	0	0
Cycles Maxed Out (%)	32	76	17	74	32	71	11	94
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): 6.3
Number of Complete Cycles : 34


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