

STOP SIGN WARRANT STUDIES

Piedmont, California

April 2014

Prepared for:

Coastland Civil Engineering, Inc.
City of Piedmont

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TECHNICAL MEMORANDUM

Piedmont Stop Sign Warrants

Date: April 30, 2014 Project #: 17362.0
 To: John Wanger
 Coastland Civil Engineering, Inc.
 1400 Neotomas Avenue
 Santa Rosa, California 95405
 From: Brett Korporaal, Jorge Barrios, Mark Bowman
 cc:

This technical memorandum presents the methodology and findings of a multiway stop control warrant study at the intersections of Crocker Avenue and Ashmount Avenue, Crocker Avenue and La Salle Avenue, and Hampton Road and Sea View Avenue in Piedmont, California. This work was conducted at the request of Coastland Civil Engineering, Inc., on behalf of the City of Piedmont.

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SETTING

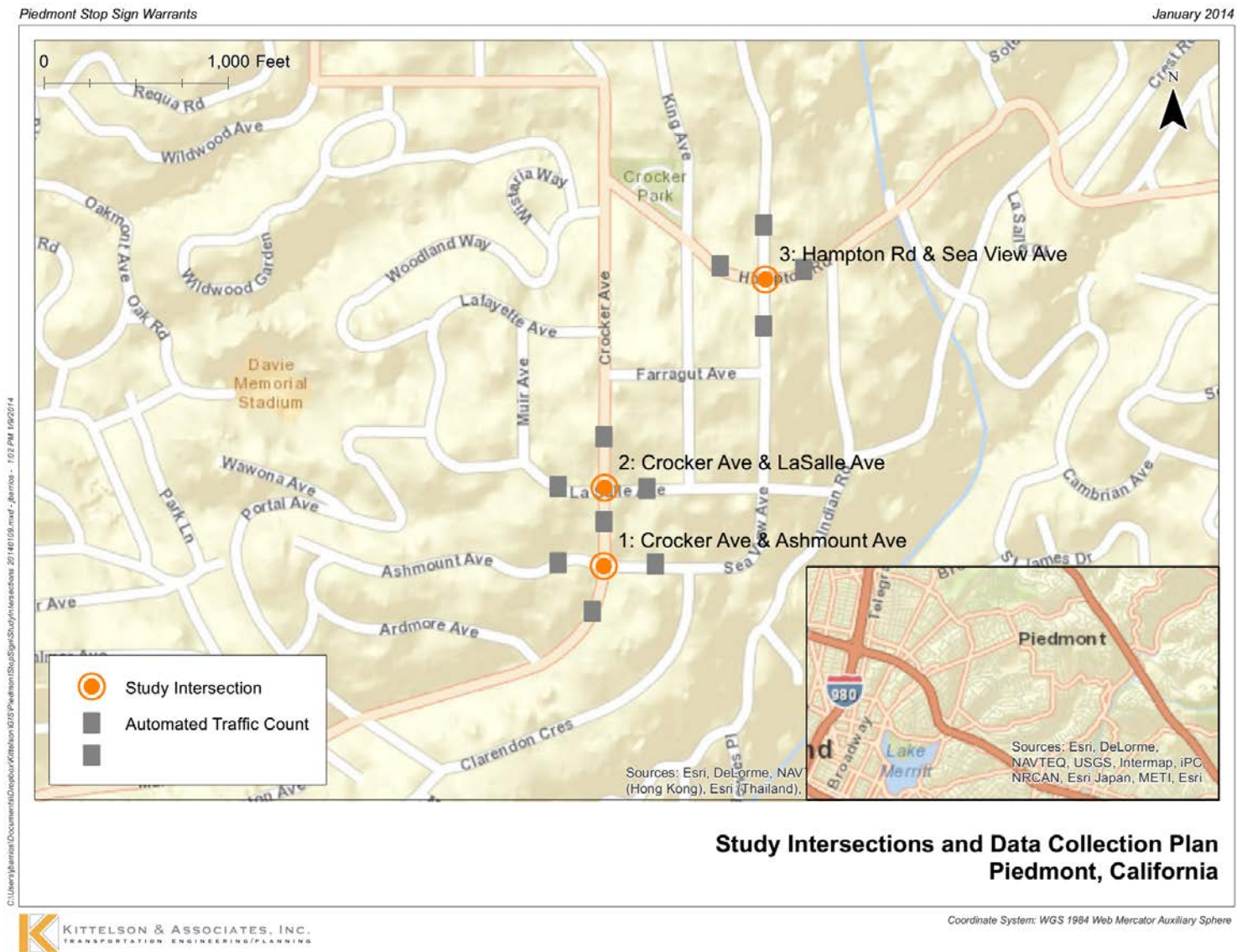
The three study intersections, as listed below, are located in the Crocker Highlands neighborhood of the City of Piedmont.

1. Crocker Avenue & Ashmount Avenue
2. Crocker Avenue & La Salle Avenue
3. Hampton Road & Sea View Avenue

The study intersections on Crocker Avenue (Ashmount Avenue and La Salle Avenue) are the first two intersections encountered when heading north on Crocker Avenue from Mandana Boulevard. The intersection of Crocker Avenue and Ashmount Avenue is currently a two-way stop controlled intersection, with stops on the eastbound and westbound approaches of Ashmount Avenue. The intersection of Crocker Avenue and La Salle Avenue is currently a two-way stop controlled intersection, with stops on the eastbound and westbound approaches of La Salle Avenue. The intersection of Hampton Road and Sea View Avenue is a two-way stop controlled intersection, with stops on the northbound and southbound approaches of Sea View Avenue. The Hampton Road and Sea View Avenue intersection is located roughly a quarter-mile in the northwest direction from the Crocker Avenue study intersections.

In the project vicinity, Crocker Avenue is a two-way, two-lane north-south collector street with parallel parking on both sides of the street. Crocker Avenue is relatively straight; however, it slopes down from Farragut Avenue through Ashmount Avenue as it transitions into Mandana Boulevard. Hampton Road is a two-way, two-lane east-west collector street with parallel parking on the both sides of the street. Hampton Road has a horizontal curve as it intersects Sea View Avenue. Figure 1 presents the project vicinity and the study intersections analyzed for all-way stop control.

Figure 1. Site Vicinity and Study Intersections



BACKGROUND INFORMATION

The intersections of Crocker Avenue & Ashmount Avenue (#1), Crocker Avenue & La Salle Avenue (#2), and Hampton Road & Sea View Avenue (#3) were identified by the City of Piedmont as candidate intersections for conversion from two-way stop control to all-way stop control.

The need for this study is based on the community's desire to safely control speeds along Crocker Avenue and Hampton Road and to allow for safer crossings for both vehicles and pedestrians at the study intersections.

In California, the installation of an all-way stop control treatment is typically based on the guidelines set forth in the latest edition of the California Manual for Uniform Traffic Control Devices ("CA MUTCD"). As of this writing, the 2012 edition is the latest final version of the manual. Section 2B.07, which deals specifically with all-way stop control, is reproduced in its entirety in Appendix A.

When installed at the correct location and under the right conditions as described in the CA MUTCD, an all-way stop control sign provides an effective and valuable traffic control device. On the other hand, unwarranted stop signs have been found to exhibit poor driver compliance, creating reductions in safety and increases in speeds that are detrimental to the goals of the agency or community requesting the stop sign.

A synthesis study conducted by W. Martin Bretherton Jr and titled "Multi-way Stops—The Research Shows the MUTCD is Correct!"¹ contains a valuable summary of the key findings of over 70 technical papers about multi-way stops. One of the most relevant items in Bretherton's synthesis is reproduced below.

Researchers found that multi-way stop signs do not control speed. In analyzing the 23 hypotheses for multi-way stop signs, five were favorable and 18 were unfavorable toward installing unwarranted all-way stop signs. The Chicago study was the only research paper that showed factual support for "unwarranted" multi-way stop signs. They were found to be effective at reducing accidents at intersections that have sight distance problems and on-street parking. It is interesting to note that residential speeding problems and multi-way stop sign requests date back to 1930. The profession still has not "solved" this perception problem.

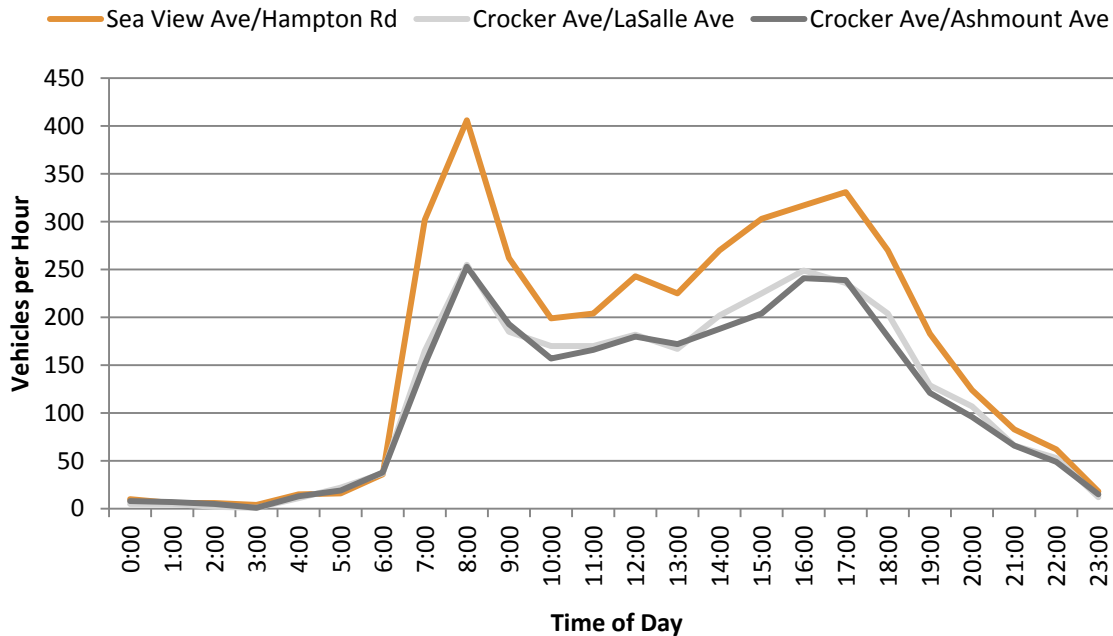
While the rest of this report focuses on the guidelines contained in the CA MUTCD, context information from academic and practical research on the topic will be presented as appropriate.

¹ <http://www.ite.org/traffic/documents/aha99b49.pdf>

EXISTING CONDITIONS

Automated traffic volume data were collected on Tuesday, December 10, 2013 and Wednesday, December 11, 2013 using pneumatic tubes. Since Tuesday and Wednesday volumes are generally consistent, the weekday average volumes are used throughout the report. A plot of weekday average volumes is presented in Exhibit 1. A review of this plot shows distinct morning and afternoon commute periods. The field-collected counts are included as Appendix B.

Exhibit 1. Weekday Average Intersection Entering Volumes

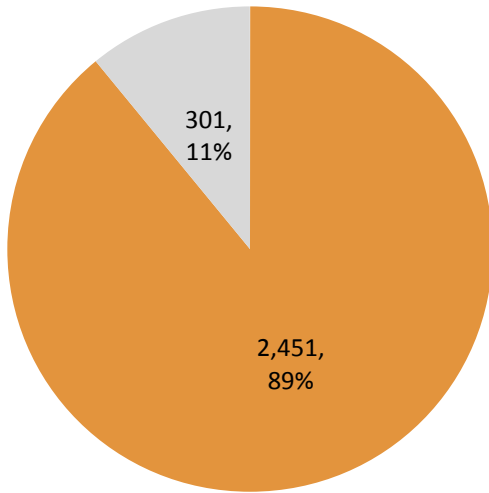


As described in the introduction to CA MUTCD Section 2B.07, multi-way control is intended for situations where the volume of traffic on intersecting roads is about equal. To evaluate this criterion, the daily traffic volumes were calculated for the combined major street and minor street approaches at each intersection. Exhibit 2 compares the intersecting average daily traffic volumes and the percentage splits.

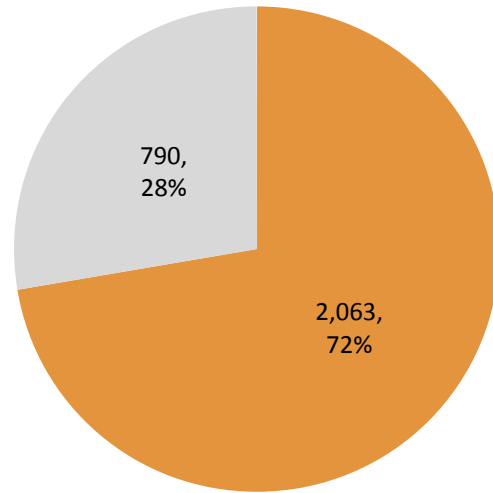
None of the study intersections exhibited equal or near equal volumes between the major and minor street approaches.

Exhibit 2. Comparison of Intersecting Average Daily Traffic Volume

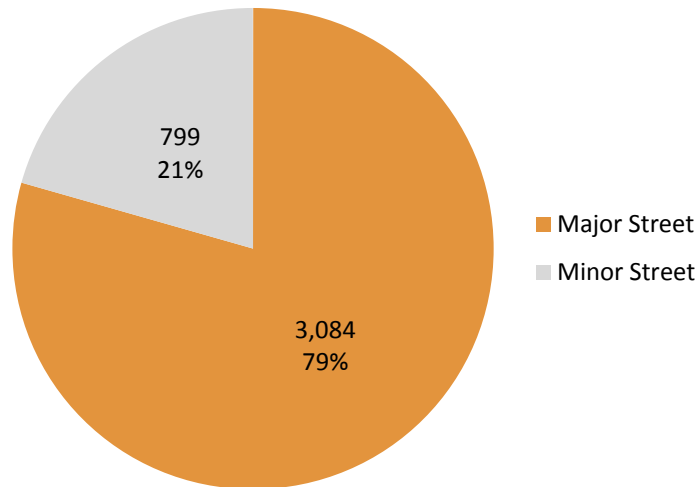
Crocker Ave & Ashmount Avenue (#1)



Crocker Avenue & La Salle Avenue (#2)



Hampton Road & Sea View Avenue (#3)



SPOT-SPEED STUDY

A spot-speed study was performed using speed data collected on Crocker Avenue, between Ashmount Avenue and La Salle Avenue, and on Hampton Road between Indian Road and Sea View Avenue, on Tuesday, December 10, 2013 and Wednesday, December 11, 2013. The field-collected speed counts are included as Appendix C.

A vehicle spot-speed study is designed to measure the speed characteristics at a specified location under the traffic and environmental conditions prevailing at the time of the study. Two measures were developed as part of the speed study: 85th percentile speed and 10 miles per hour (mph) pace. The 85th percentile speed is defined as the speed at or below which 85 percent of the observed free-flowing vehicles are traveling and the 10-mph pace is defined as the 10-mph range containing the highest number of vehicles contained in the study sample data.

As shown in Table 1, the median speed on Crocker Avenue is consistent with the posted speed limit of 25 mph. The 85th percentile speed on this roadway is 29 mph, and approximately 67.5 percent of vehicles traveling on Crocker Avenue were in the 21-30 mph pace.

Table 1. Crocker Avenue Spot-Speed Summary Table

Speed Study Metrics	Crocker Avenue, between Ashmount Ave and La Salle Ave
Speed Limit	25 mph
Median (50th Percentile) Speed	25 mph
85th Percentile Speed	29 mph
10 mph Pace (% of daily traffic in pace)	21-30 mph, (67.5%)

Speed data collected on Tuesday, December 10, 2013 and Wednesday, December 11, 2013.

As shown in Table 2, the median speed on Hampton Road is below the prima fascia speed limit of 25 mph. The 85th percentile speed on this roadway is 28 mph, and approximately 72.6 percent of vehicles traveling on Hampton Road were in the 21-30 mph pace.

Table 2. Hampton Road Spot-Speed Summary Table

Speed Study Metrics	Hampton Road, between Indian Road and Sea View Avenue
Speed Limit	25 mph
Median (50th Percentile) Speed	23 mph
85th Percentile Speed	28 mph
10 mph Pace, (% of daily traffic in pace)	21-30 mph, (72.6%)

HISTORICAL CRASH ANALYSIS

In accordance to Criterion B found in Section 2B.07 of the CA MUTCD, a historical crash analysis was conducted in order to determine if crash data at the study intersections warrant the implementation of multi-way stop control. The California Highway Patrol Statewide Integrated Traffic Records System (SWITRS) was used for the historical crash analysis. Crash data were analyzed at the three study intersections from 2009-2012, although crash data from 2012 are complete only through the month of July.

Table 3 summarizes the crashes recorded at each study intersection during the 2009-2012 study period. There were no crashes reported at the Crocker Avenue & Ashmount intersection (#1) during the study period. At the Crocker Avenue & La Salle Avenue intersection (#2), there were two crashes recorded in 2010 and one crash recorded in 2011. There were no crashes reported at the Hampton Road/Sea View Avenue intersection (#3) in 2009, 2011, or 2012. However, there were two PDO crashes reported in 2010.

Table 3. Historical Crash Data Summary 2009-2012

Year	1. Crocker Ave & Ashmount Ave	2. Crocker Ave & La Salle Ave	3. Hampton Rd & Sea View Ave
2009	N/A*	N/A	N/A
2010	N/A	<p>A 2/17/2010 injury collision was recorded. It was a broadside collision, primarily due to failure to comply with automobile right-of-way laws.</p> <p>A 6/5/2010 PDO† collision was recorded. It was a broadside collision, primarily due to failure to comply with the traffic control sign.</p>	<p>A 1/4/2010 PDO single-vehicle collision was recorded. The vehicle struck a fixed object, primarily due to unsafe speed.</p> <p>A 12/10/2010 PDO collision was recorded. It was a rear-end collision, primarily due to unsafe starting or backing.</p>
2011	N/A	<p>A 7/28/2011 PDO collision was recorded. It was a broadside collision, primarily due to driving under the influence.</p>	N/A
2012**	N/A	N/A	N/A

Source: California Highway Patrol Statewide Integrated Traffic Records System (SWITRS)

*N/A = No collision recorded

†PDO = Property damage only

**Through July 2012 only

An additional data source for crash analyses was also consulted. The UC Berkeley Transportation Injury Mapping System (TIMS), which uses SWITRS data as well as other national safety databases, maps injury and fatal collisions and provides one-page summaries with date, location, and other useful information. This data source also identified one injury collision in Piedmont in the 2009-2012 study period (the 2/17/2010 collision at Crocker Avenue & La Salle Avenue, described in Table 3). The one-page summary is included as Appendix D.

The historical crash data from SWITRS suggests a trend in broadside collisions at the Crocker Avenue & La Salle Avenue (#2) intersection. Only one of the five recorded crashes cited unsafe speed as the probable cause of the crash.

MULTIWAY STOP CONTROL WARRANT

The following criteria were evaluated in accordance to the 2012 CA MUTCD Section 2B.07 Multiway Stop Applications. Supporting calculations and numerical comparisons to the established thresholds are included in Appendix E.

Criterion A

Criterion A is applicable where traffic control signals (i.e., a traffic light) are justified, such that an all-way stop sign would serve as an interim measure. Because none of the study intersections meet traffic signal warrants, **Criterion A is not met.**

Criterion B

All-way stop control should be considered if five or more crashes correctable by all-way stop control are reported within a 12 month period. Such crashes include right-turn and left-turn crashes as well as angle crashes. As described in detail in the Historical Crash Analysis section, the intersection of Crocker Avenue & La Salle Avenue (#2) has had a total of three crashes correctable by all-way stop control in the last three years and had two correctable crashes within a 12-month period. The other intersections have not had any such crashes. Because the number of applicable crashes is below the minimum five crashes per year, **Criterion B is not met.**

Criterion C

Criterion C is based on minimum vehicular and non-motorized traffic volumes at the intersection. As described in the introduction to CA MUTCD Section 2B.07, multiway control is intended for situations where the volume of traffic on intersecting roads is about equal. The CA MUTCD calls for a minimum of 300 vehicles per hour on the major street and 200 vehicles, pedestrians, or bicyclists per hour on the minor street. These minimum volumes must be present for any eight hours of an average day.

On Crocker Avenue—the major street for two study intersections—a maximum of 230 vehicles per hour was recorded for the hour between 4:30 PM and 5:30 PM. Hampton Road had a maximum vehicular volume of 417 vehicles on the hour between 7:30 AM and 8:30 AM. However, this level of traffic was not sustained for the required eight hours. Moreover, the minor street intersecting with Hampton Road (Sea View Avenue) only had a maximum of 83 vehicles per hour.

Based on the observed traffic volumes, **Criterion C is not met.**

Criterion D

If no single criterion is met, but both Criteria B and Criteria C are satisfied to 80 percent of the minimum values, all-way stop control should be considered. Based on the findings for Criteria B and Criteria C, **Criterion D is not met.**

Additional Criteria

The CA MUTCD allows an engineering study to consider alternative criteria that would justify the installation of all-way stop control.

- A. The need to control left-turn conflicts;
- B. The need to control vehicle/pedestrian conflicts near locations that generate high pedestrian volumes;
- C. Locations where a road user, after stopping, cannot see conflicting traffic and is not able to negotiate the intersection unless conflicting cross traffic is also required to stop; and
- D. An intersection of two residential neighborhood collector (through) streets of similar design and operating characteristics where multi-way stop control would improve traffic operational characteristics of the intersection.

The first, second, and fourth criteria were not considered to be satisfied as there is no apparent need to control left-turn conflicts, pedestrian volumes were observed to be low, and none of the intersections involve two collector (through) streets. The third criterion was examined for the intersection of Crocker Avenue and Ashmount Avenue (#1), as Crocker Avenue has a considerable upward slope when approaching the intersection from the south (see Exhibit 4). The crest vertical curve reduces sight distance for Ashmount Avenue vehicles stopped at the intersection and complicates turning movements onto Crocker Avenue.

On the other hand, other factors weigh against the installation of all-way stop control at the Crocker Avenue and Ashmount Avenue intersection:

- The split of major street and minor street traffic is uneven at 89 percent versus 11 percent (see Exhibit 2). The reader may recall that multiway control is intended for situations where the volume of traffic on intersecting roads is about equal.

- Vehicles traveling northbound on Crocker Avenue, south of Ashmount Avenue—which are the ones partially obscured by the crest curve—are naturally slowed down by the upgrade. While the downhill 85th percentile speed south of Ashmount Avenue is 32 mph, the uphill speed is only 29 mph.
- For eastbound Ashmount Avenue vehicles, sight distance to the right is approximately 150 feet (see Exhibit 3) and sight distance to the left is approximately 220 feet. Westbound Ashmount Avenue motorists have approximately 180 feet of sight distance to the right and 200 feet of sight distance to the left. None of these sight distances are less than the minimum stopping sight distance prescribed in Table 201.1 of the California Highway Design Manual for roadways with 25 mph design speeds (150 feet).
- There have been no reported collisions at this location in the past three years.

Exhibit 3: Eastbound Ashmount Avenue, facing south toward Crocker Avenue



Exhibit 4: Crocker Avenue, south of Ashmount Avenue



CONCLUSIONS

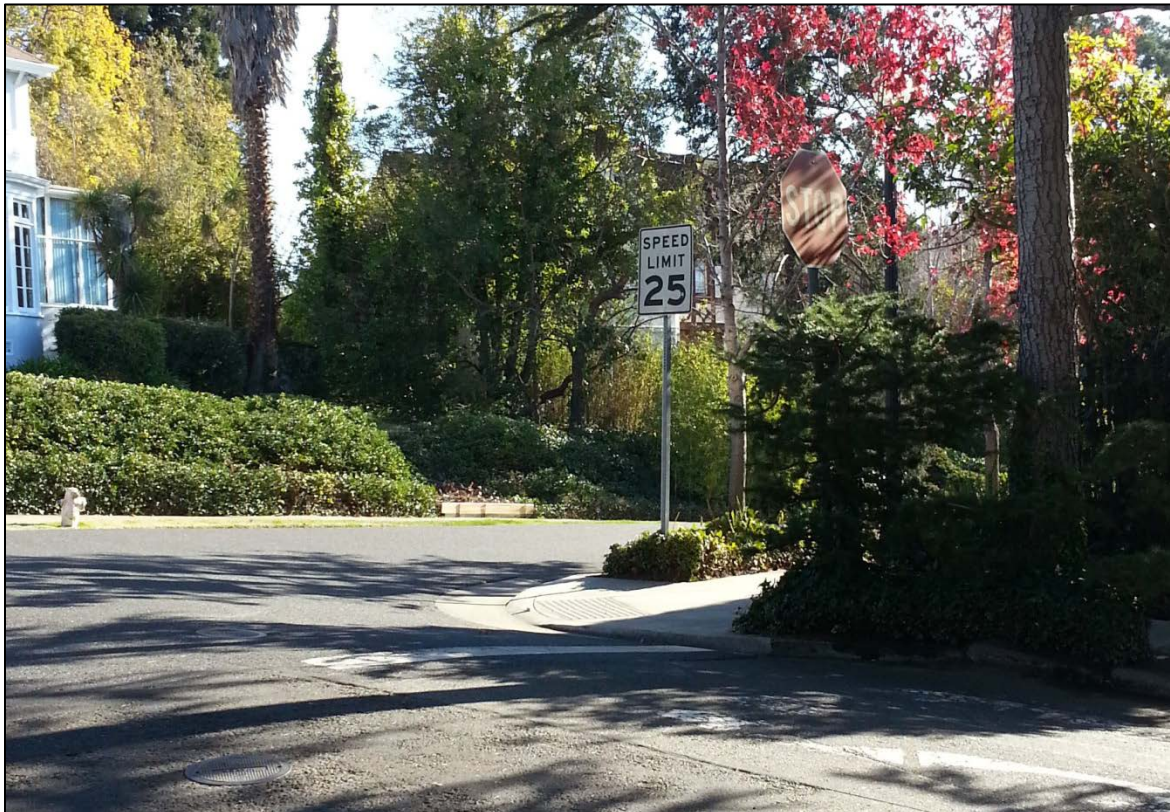
The technical recommendations provided on this report are based primarily on the guidelines of the CA MUTCD. However, the City of Piedmont's desire for a safer Crocker Highlands neighborhood was also taken into account. Although the initial investment to install all-way stop control is relatively small, it is not a decision that should be taken without first conducting an engineering study of traffic conditions. As mentioned previously, unwarranted stop signs have been found to be regularly ignored by motorists, leading to reduced safety performance at an intersection.

The data collection and analysis presented in this report lead to the conclusion that multi-way stop control is not justified at any of the study intersections. The analysis also found that a significant percentage of traffic on Crocker Avenue, particularly in the downhill (southbound) direction, travels faster than the posted speed limit of 25 mph. Moreover, sight distance issues were noted at the intersection of Crocker Avenue & Ashmount Avenue, particularly due to the crest curve immediately south of the intersection. However, the sight distance issues were not considered critical enough to override the low vehicular volume on Ashmount Avenue and the lack of recorded collisions at the intersection in the past three years.

More effective ways to control speeds and improve the experience of motorists using the minor streets should be considered. The following non-comprehensive list provides ideas that may be considered for implementation by the City of Piedmont.

- Prohibiting on-street parking on both sides of Crocker Avenue within 50 feet of the Ashmount Avenue intersection would improve the sight distance of vehicles stopped at the intersection.
- Trimming the foliage on the southwest corner of Crocker Avenue & Ashmount Avenue (#1) would improve the sight distance of eastbound vehicles at this intersection.

Exhibit 5: Foliage on SW corner of Crocker Avenue & Ashmount Avenue (#1)



- An intersection warning sign (CA MUTCD #W2-1, depicted in Exhibit 6) may be installed in the northbound approach to the Crocker Avenue & Ashmount Avenue intersection (#1) to alert motorists of the possibility of minor street traffic turning onto Crocker Avenue. The warning sign should be carefully placed as to not impede sight distance toward and from the intersection.
- The City of Piedmont’s Needs Assessment (in preparation for a Bicycle and Pedestrian Master Plan²) mentions the introduction of traffic calming measures to reduce speeds. Speed bumps and speed readers are specifically mentioned, but other treatments

Exhibit 6: CA MUTCD Intersection Warning Sign



W2-1

² <http://www.ci.piedmont.ca.us/publicworks/docs/planning/bike-ped/needs-assessment.pdf>

(e.g., tighter curb radii, narrower lanes, chicanes, etc.) may be as or more effective in reducing speeds. The Needs Assessment's idea to turn "excess width" into bicycle lanes can also be expected to lead to reduced speeds.

A combination of one or more of these suggestions is likely to calm major street traffic more than the installation of an unwarranted all-way stop control.

APPENDIX A: CA MUTCD SECTION 2B.07

California MUTCD 2012 Edition
(FHWA's MUTCD 2009 Edition, as amended for use in California)

Page 137

Section 2B.06 STOP Sign Applications

Guidance:

- 01 At intersections where a full stop is not necessary at all times, consideration should first be given to using less restrictive measures such as YIELD signs (see Sections 2B.08 and 2B.09).*
- 02 The use of STOP signs on the minor-street approaches should be considered if engineering judgment indicates that a stop is always required because of one or more of the following conditions:*
 - A. The vehicular traffic volumes on the through street or highway exceed 6,000 vehicles per day;*
 - B. A restricted view exists that requires road users to stop in order to adequately observe conflicting traffic on the through street or highway; and/or*
 - C. Crash records indicate that three or more crashes that are susceptible to correction by the installation of a STOP sign have been reported within a 12-month period, or that five or more such crashes have been reported within a 2-year period. Such crashes include right-angle collisions involving road users on the minor-street approach failing to yield the right-of-way to traffic on the through street or highway.*

Support:

- 03 The use of STOP signs at grade crossings is described in Sections 8B.04 and 8B.05.*

Section 2B.07 Multi-Way Stop Applications

Support:

01 Multi-way stop control can be useful as a safety measure at intersections if certain traffic conditions exist. Safety concerns associated with multi-way stops include pedestrians, bicyclists, and all road users expecting other road users to stop. Multi-way stop control is used where the volume of traffic on the intersecting roads is approximately equal.

02 The restrictions on the use of STOP signs described in Section 2B.04 also apply to multi-way stop applications.

Guidance:

- 03 The decision to install multi-way stop control should be based on an engineering study.*
- 04 The following criteria should be considered in the engineering study for a multi-way STOP sign installation:*
 - A. Where traffic control signals are justified, the multi-way stop is an interim measure that can be installed quickly to control traffic while arrangements are being made for the installation of the traffic control signal.*
 - B. Five or more reported crashes in a 12-month period that are susceptible to correction by a multi-way stop installation. Such crashes include right-turn and left-turn collisions as well as right-angle collisions.*
 - C. Minimum volumes:*
 - 1. The vehicular volume entering the intersection from the major street approaches (total of both approaches) averages at least 300 vehicles per hour for any 8 hours of an average day; and*
 - 2. The combined vehicular, pedestrian, and bicycle volume entering the intersection from the minor street approaches (total of both approaches) averages at least 200 units per hour for the same 8 hours, with an average delay to minor-street vehicular traffic of at least 30 seconds per vehicle during the highest hour; but*
 - 3. If the 85th-percentile approach speed of the major-street traffic exceeds 40 mph, the minimum vehicular volume warrants are 70 percent of the values provided in Items 1 and 2.*
 - D. Where no single criterion is satisfied, but where Criteria B, C.1, and C.2 are all satisfied to 80 percent of the minimum values. Criterion C.3 is excluded from this condition.*

Option:

- 05 Other criteria that may be considered in an engineering study include:*
 - A. The need to control left-turn conflicts;*
 - B. The need to control vehicle/pedestrian conflicts near locations that generate high pedestrian volumes;*
 - C. Locations where a road user, after stopping, cannot see conflicting traffic and is not able to negotiate the intersection unless conflicting cross traffic is also required to stop; and*
 - D. An intersection of two residential neighborhood collector (through) streets of similar design and operating characteristics where multi-way stop control would improve traffic operational characteristics of the intersection.*

APPENDIX B: TRAFFIC COUNT DATA

Crocker Avenue & Ashmount Avenue

Start Hr	Total	EB	WB	NB	SB	Major St	Minor St
0:00	8	1	2	3	2	5	3
1:00	7	0	2	3	2	5	2
2:00	5	0	1	3	1	4	1
3:00	1	0	0	1	0	1	0
4:00	13	3	1	4	5	9	4
5:00	19	1	1	2	15	17	2
6:00	38	1	3	15	19	34	4
7:00	151	9	8	82	52	134	17
8:00	253	9	24	114	106	220	33
9:00	193	11	12	80	90	170	23
10:00	157	7	11	59	80	139	18
11:00	166	8	15	79	64	143	23
12:00	180	9	15	85	71	156	24
13:00	172	9	12	74	77	151	21
14:00	188	9	12	84	83	167	21
15:00	204	11	16	87	90	177	27
16:00	241	7	10	109	115	224	17
17:00	239	6	10	110	113	223	16
18:00	180	6	10	99	65	164	16
19:00	121	5	9	64	43	107	14
20:00	96	2	5	46	43	89	7
21:00	66	1	4	33	28	61	5
22:00	49	2	1	28	18	46	3
23:00	15	1	0	7	7	14	1

Hours meeting minimum volume criteria in Sect 2B.07(C)

A minimum of 8 hours must be met to satisfy the warrant's volume criterion

Crocker Avenue & La Salle Avenue

Start Hr	Total	EB	WB	NB	SB	Major St	Minor St
0:00	5	0	2	2	1	3	2
1:00	5	2	1	2	0	2	3
2:00	2	1	0	1	0	1	1
3:00	1	0	0	1	0	1	0
4:00	11	1	1	4	5	9	2
5:00	22	5	6	1	10	11	11
6:00	37	3	6	14	14	28	9
7:00	165	13	26	90	36	126	39
8:00	255	18	57	120	60	180	75
9:00	185	14	40	77	54	131	54
10:00	170	19	40	62	49	111	59
11:00	170	14	33	80	43	123	47
12:00	182	17	32	83	50	133	49
13:00	167	14	30	74	49	123	44
14:00	202	16	35	85	66	151	51
15:00	225	19	47	89	70	159	66
16:00	249	29	35	101	84	185	64
17:00	236	14	49	97	76	173	63
18:00	204	25	30	97	52	149	55
19:00	129	8	22	65	34	99	30
20:00	107	8	25	42	32	74	33
21:00	66	3	15	30	18	48	18
22:00	53	2	11	27	13	40	13
23:00	12	3	3	4	2	6	6

Hours meeting minimum volume criteria in Sect 2B.07(C)

A minimum of 8 hours must be met to satisfy the warrant's volume criterion

Sea View Ave & Hampton Rd

Start Hr	Total	EB	WB	NB	SB	Major St	Minor St
0:00	10	3	3	2	2	6	4
1:00	6	3	1	1	1	4	2
2:00	6	3	2	0	1	5	1
3:00	4	1	2	0	1	3	1
4:00	15	4	5	3	3	9	6
5:00	16	2	9	3	2	11	5
6:00	36	14	11	5	6	25	11
7:00	302	82	176	17	27	258	44
8:00	406	114	237	12	43	351	55
9:00	262	80	141	14	27	221	41
10:00	199	59	93	11	36	152	47
11:00	204	79	94	6	25	173	31
12:00	243	85	101	15	42	186	57
13:00	225	74	106	10	35	180	45
14:00	270	84	130	8	48	214	56
15:00	303	87	142	12	62	229	74
16:00	317	109	139	12	57	248	69
17:00	331	110	140	20	61	250	81
18:00	270	99	108	15	48	207	63
19:00	183	64	77	8	34	141	42
20:00	124	46	52	6	20	98	26
21:00	83	33	29	6	15	62	21
22:00	62	28	20	6	8	48	14
23:00	18	7	4	3	4	11	7

Hours meeting minimum volume criteria in Sect 2B.07(C)

A minimum of 8 hours must be met to satisfy the warrant's volume criterion

LOCATION: Ashmount Ave - West of Crocker Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590507 DIRECTION: EB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 AM		0	0			0			0	
12:15 AM		0	0			0			0	
12:30 AM		0	0			0			0	
12:45 AM		1	0			1			1	
1:00 AM		0	0			0			0	
1:15 AM		0	0			0			0	
1:30 AM		0	0			0			0	
1:45 AM		0	0			0			0	
2:00 AM		0	0			0			0	
2:15 AM		0	0			0			0	
2:30 AM		0	0			0			0	
2:45 AM		0	0			0			0	
3:00 AM		0	0			0			0	
3:15 AM		0	0			0			0	
3:30 AM		0	0			0			0	
3:45 AM		0	0			0			0	
4:00 AM		0	0			0			0	
4:15 AM		1	0			1			1	
4:30 AM		0	1			1			1	
4:45 AM		1	1			1			1	
5:00 AM		0	0			0			0	
5:15 AM		1	1			1			1	
5:30 AM		0	0			0			0	
5:45 AM		0	0			0			0	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										
<i>Comments:</i>										

LOCATION: Ashmount Ave - West of Crocker Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590507 DIRECTION: EB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
6:00 AM		0	0			0			0	
6:15 AM		0	1			1			1	
6:30 AM		0	0			0			0	
6:45 AM		0	0			0			0	
7:00 AM		1	0			1			1	
7:15 AM		0	3			2			2	
7:30 AM		5	4			5			5	
7:45 AM		2	0			1			1	
8:00 AM		4	3			4			4	
8:15 AM		1	1			1			1	
8:30 AM		1	2			2			2	
8:45 AM		2	1			2			2	
9:00 AM		1	4			3			3	
9:15 AM		1	1			1			1	
9:30 AM		5	3			4			4	
9:45 AM		2	4			3			3	
10:00 AM		1	1			1			1	
10:15 AM		1	3			2			2	
10:30 AM		2	2			2			2	
10:45 AM		3	0			2			2	
11:00 AM		1	0			1			1	
11:15 AM		4	1			3			3	
11:30 AM		0	1			1			1	
11:45 AM		2	4			3			3	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										
<i>Comments:</i>										

LOCATION: Ashmount Ave - West of Crocker Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590507 DIRECTION: EB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 PM		4	3			4			4	
12:15 PM		2	1			2			2	
12:30 PM		0	3			2			2	
12:45 PM		1	0			1			1	
1:00 PM		0	1			1			1	
1:15 PM		1	4			3			3	
1:30 PM		1	2			2			2	
1:45 PM		3	2			3			3	
2:00 PM		3	3			3			3	
2:15 PM		0	0			0			0	
2:30 PM		1	6			4			4	
2:45 PM		0	3			2			2	
3:00 PM		1	6			4			4	
3:15 PM		3	3			3			3	
3:30 PM		1	2			2			2	
3:45 PM		1	3			2			2	
4:00 PM		2	4			3			3	
4:15 PM		0	1			1			1	
4:30 PM		1	1			1			1	
4:45 PM		3	0			2			2	
5:00 PM		0	1			1			1	
5:15 PM		0	2			1			1	
5:30 PM		1	2			2			2	
5:45 PM		2	2			2			2	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										
<i>Comments:</i>										

LOCATION: Ashmount Ave - West of Crocker Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590507 DIRECTION: EB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
6:00 PM		3	1			2			2	
6:15 PM		0	3			2			2	
6:30 PM		1	1			1			1	
6:45 PM		1	1			1			1	
7:00 PM		2	1			2			2	
7:15 PM		1	1			1			1	
7:30 PM		1	1			1			1	
7:45 PM		1	0			1			1	
8:00 PM		1	1			1			1	
8:15 PM		0	0			0			0	
8:30 PM		0	0			0			0	
8:45 PM		0	1			1			1	
9:00 PM		0	0			0			0	
9:15 PM		1	0			1			1	
9:30 PM		0	0			0			0	
9:45 PM		0	0			0			0	
10:00 PM		0	0			0			0	
10:15 PM		1	0			1			1	
10:30 PM		0	0			0			0	
10:45 PM		0	1			1			1	
11:00 PM		0	0			0			0	
11:15 PM		1	1			1			1	
11:30 PM		0	0			0			0	
11:45 PM		0	0			0			0	
Day Total		88	110			118			118	
% Weekday Average		74.6%	93.2%							
% Week Average		74.6%	93.2%			100.0%				
AM Peak		7:30 AM	7:30 AM			7:30 AM			7:30 AM	
Volume		5	4			5			5	
PM Peak		12:00 PM	2:30 PM			12:00 PM			12:00 PM	
Volume		4	6			4			4	
<i>Comments:</i>										

LOCATION: Ashmount Ave btwn Crocker Ave & Clarendon Crescent SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590508 DIRECTION: WB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 AM		0	0			0			0	
12:15 AM		0	0			0			0	
12:30 AM		1	0			1			1	
12:45 AM		1	0			1			1	
1:00 AM		0	1			1			1	
1:15 AM		0	0			0			0	
1:30 AM		0	0			0			0	
1:45 AM		0	1			1			1	
2:00 AM		0	0			0			0	
2:15 AM		0	0			0			0	
2:30 AM		0	0			0			0	
2:45 AM		0	1			1			1	
3:00 AM		0	0			0			0	
3:15 AM		0	0			0			0	
3:30 AM		0	0			0			0	
3:45 AM		0	0			0			0	
4:00 AM		0	0			0			0	
4:15 AM		0	0			0			0	
4:30 AM		1	1			1			1	
4:45 AM		0	0			0			0	
5:00 AM		0	0			0			0	
5:15 AM		1	1			1			1	
5:30 AM		0	0			0			0	
5:45 AM		0	0			0			0	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										
<i>Comments:</i>										

LOCATION: Ashmount Ave btwn Crocker Ave & Clarendon Crescent SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590508 DIRECTION: WB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
6:00 AM		1	0			1			1	
6:15 AM		0	0			0			0	
6:30 AM		0	1			1			1	
6:45 AM		1	1			1			1	
7:00 AM		1	0			1			1	
7:15 AM		1	0			1			1	
7:30 AM		3	1			2			2	
7:45 AM		6	2			4			4	
8:00 AM		3	5			4			4	
8:15 AM		10	6			8			8	
8:30 AM		8	3			6			6	
8:45 AM		9	3			6			6	
9:00 AM		5	1			3			3	
9:15 AM		0	4			2			2	
9:30 AM		3	5			4			4	
9:45 AM		4	2			3			3	
10:00 AM		0	3			2			2	
10:15 AM		1	1			1			1	
10:30 AM		6	3			5			5	
10:45 AM		2	3			3			3	
11:00 AM		2	4			3			3	
11:15 AM		5	1			3			3	
11:30 AM		2	3			3			3	
11:45 AM		4	7			6			6	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										
<i>Comments:</i>										

LOCATION: Ashmount Ave btwn Crocker Ave & Clarendon Crescent SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA							QC JOB #: 11590508 DIRECTION: WB DATE: Dec 10 2013 - Dec 11 2013			
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 PM		3	4			4			4	
12:15 PM		4	6			5			5	
12:30 PM		4	1			3			3	
12:45 PM		3	2			3			3	
1:00 PM		0	3			2			2	
1:15 PM		1	2			2			2	
1:30 PM		2	4			3			3	
1:45 PM		4	5			5			5	
2:00 PM		2	4			3			3	
2:15 PM		4	3			4			4	
2:30 PM		1	3			2			2	
2:45 PM		2	3			3			3	
3:00 PM		4	3			4			4	
3:15 PM		4	6			5			5	
3:30 PM		4	3			4			4	
3:45 PM		3	2			3			3	
4:00 PM		3	2			3			3	
4:15 PM		0	2			1			1	
4:30 PM		2	2			2			2	
4:45 PM		3	4			4			4	
5:00 PM		2	4			3			3	
5:15 PM		2	1			2			2	
5:30 PM		1	5			3			3	
5:45 PM		2	1			2			2	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										
<i>Comments:</i>										

LOCATION: Ashmount Ave btwn Crocker Ave & Clarendon Crescent SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA							QC JOB #: 11590508 DIRECTION: WB DATE: Dec 10 2013 - Dec 11 2013			
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
6:00 PM		4	3			4			4	
6:15 PM		1	1			1			1	
6:30 PM		0	3			2			2	
6:45 PM		2	3			3			3	
7:00 PM		5	1			3			3	
7:15 PM		3	2			3			3	
7:30 PM		2	0			1			1	
7:45 PM		2	2			2			2	
8:00 PM		3	3			3			3	
8:15 PM		1	0			1			1	
8:30 PM		1	0			1			1	
8:45 PM		0	0			0			0	
9:00 PM		1	0			1			1	
9:15 PM		0	2			1			1	
9:30 PM		0	1			1			1	
9:45 PM		1	1			1			1	
10:00 PM		0	1			1			1	
10:15 PM		0	0			0			0	
10:30 PM		0	0			0			0	
10:45 PM		0	0			0			0	
11:00 PM		0	0			0			0	
11:15 PM		0	0			0			0	
11:30 PM		0	0			0			0	
11:45 PM		0	0			0			0	
Day Total		167	162			184			184	
% Weekday Average		90.8%	88.0%							
% Week Average		90.8%	88.0%			100.0%				
AM Peak		8:15 AM	11:45 AM			8:15 AM			8:15 AM	
Volume		10	7			8			8	
PM Peak		7:00 PM	12:15 PM			12:15 PM			12:15 PM	
Volume		5	6			5			5	
<i>Comments:</i>										

LOCATION: Mandana Blvd btwn Ashmount Ave & Ardmore Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590509 DIRECTION: NB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 AM		2	0			1			1	
12:15 AM		0	1			1			1	
12:30 AM		0	1			1			1	
12:45 AM		0	0			0			0	
1:00 AM		1	0			1			1	
1:15 AM		1	1			1			1	
1:30 AM		0	1			1			1	
1:45 AM		0	0			0			0	
2:00 AM		1	0			1			1	
2:15 AM		0	0			0			0	
2:30 AM		1	1			1			1	
2:45 AM		0	1			1			1	
3:00 AM		0	0			0			0	
3:15 AM		0	1			1			1	
3:30 AM		0	0			0			0	
3:45 AM		0	0			0			0	
4:00 AM		1	0			1			1	
4:15 AM		0	0			0			0	
4:30 AM		2	1			2			2	
4:45 AM		0	1			1			1	
5:00 AM		0	0			0			0	
5:15 AM		1	0			1			1	
5:30 AM		0	0			0			0	
5:45 AM		2	0			1			1	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										
<i>Comments:</i>										

LOCATION: Mandana Blvd btwn Ashmount Ave & Ardmore Ave
SPECIFIC LOCATION: 0 ft from
CITY/STATE: Piedmont, CA

QC JOB #: 11590509
DIRECTION: NB
DATE: Dec 10 2013 - Dec 11 2013

Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
6:00 AM		1	1			1			1	
6:15 AM		1	1			1			1	
6:30 AM		4	3			4			4	
6:45 AM		10	8			9			9	
7:00 AM		8	10			9			9	
7:15 AM		11	16			14			14	
7:30 AM		25	23			24			24	
7:45 AM		32	37			35			35	
8:00 AM		45	31			38			38	
8:15 AM		25	24			25			25	
8:30 AM		24	27			26			26	
8:45 AM		19	31			25			25	
9:00 AM		26	23			25			25	
9:15 AM		17	20			19			19	
9:30 AM		18	19			19			19	
9:45 AM		16	18			17			17	
10:00 AM		11	17			14			14	
10:15 AM		14	12			13			13	
10:30 AM		10	18			14			14	
10:45 AM		15	21			18			18	
11:00 AM		15	17			16			16	
11:15 AM		16	21			19			19	
11:30 AM		17	27			22			22	
11:45 AM		21	23			22			22	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										

Comments:

LOCATION: Mandana Blvd btwn Ashmount Ave & Ardmore Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590509 DIRECTION: NB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 PM		13	29			21			21	
12:15 PM		26	26			26			26	
12:30 PM		19	18			19			19	
12:45 PM		15	23			19			19	
1:00 PM		23	21			22			22	
1:15 PM		14	12			13			13	
1:30 PM		15	17			16			16	
1:45 PM		21	25			23			23	
2:00 PM		18	23			21			21	
2:15 PM		20	16			18			18	
2:30 PM		20	29			25			25	
2:45 PM		19	21			20			20	
3:00 PM		22	18			20			20	
3:15 PM		14	16			15			15	
3:30 PM		26	21			24			24	
3:45 PM		29	27			28			28	
4:00 PM		24	27			26			26	
4:15 PM		20	30			25			25	
4:30 PM		20	30			25			25	
4:45 PM		29	36			33			33	
5:00 PM		29	19			24			24	
5:15 PM		32	27			30			30	
5:30 PM		29	16			23			23	
5:45 PM		38	27			33			33	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										
<i>Comments:</i>										

LOCATION: Mandana Blvd btwn Ashmount Ave & Ardmore Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590509 DIRECTION: NB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
6:00 PM		23	24			24			24	
6:15 PM		28	24			26			26	
6:30 PM		25	28			27			27	
6:45 PM		17	27			22			22	
7:00 PM		17	11			14			14	
7:15 PM		19	23			21			21	
7:30 PM		18	12			15			15	
7:45 PM		13	15			14			14	
8:00 PM		10	13			12			12	
8:15 PM		16	12			14			14	
8:30 PM		9	13			11			11	
8:45 PM		10	7			9			9	
9:00 PM		9	10			10			10	
9:15 PM		1	12			7			7	
9:30 PM		8	6			7			7	
9:45 PM		8	9			9			9	
10:00 PM		7	2			5			5	
10:15 PM		8	12			10			10	
10:30 PM		8	6			7			7	
10:45 PM		7	5			6			6	
11:00 PM		1	3			2			2	
11:15 PM		0	3			2			2	
11:30 PM		1	1			1			1	
11:45 PM		1	2			2			2	
Day Total		1212	1291			1271			1271	
% Weekday Average		95.4%	101.6%							
% Week Average		95.4%	101.6%			100.0%				
AM Peak		8:00 AM	7:45 AM			8:00 AM			8:00 AM	
Volume		45	37			38			38	
PM Peak		5:45 PM	4:45 PM			4:45 PM			4:45 PM	
Volume		38	36			33			33	
<i>Comments:</i>										

LOCATION: Crocker Ave btwn La Salle Ave & Ashmount Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590511 DIRECTION: SB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 AM		0	0			0			0	
12:15 AM		0	0			0			0	
12:30 AM		0	1			1			1	
12:45 AM		0	1			1			1	
1:00 AM		1	1			1			1	
1:15 AM		0	0			0			0	
1:30 AM		0	1			1			1	
1:45 AM		0	0			0			0	
2:00 AM		0	0			0			0	
2:15 AM		1	0			1			1	
2:30 AM		0	0			0			0	
2:45 AM		0	0			0			0	
3:00 AM		0	0			0			0	
3:15 AM		0	0			0			0	
3:30 AM		0	0			0			0	
3:45 AM		0	0			0			0	
4:00 AM		0	1			1			1	
4:15 AM		0	0			0			0	
4:30 AM		1	1			1			1	
4:45 AM		4	2			3			3	
5:00 AM		3	3			3			3	
5:15 AM		1	2			2			2	
5:30 AM		1	2			2			2	
5:45 AM		7	8			8			8	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										
<i>Comments:</i>										

LOCATION: Crocker Ave btwn La Salle Ave & Ashmount Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590511 DIRECTION: SB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
6:00 AM		4	2			3			3	
6:15 AM		4	4			4			4	
6:30 AM		6	4			5			5	
6:45 AM		4	9			7			7	
7:00 AM		10	6			8			8	
7:15 AM		12	8			10			10	
7:30 AM		12	16			14			14	
7:45 AM		25	14			20			20	
8:00 AM		23	23			23			23	
8:15 AM		33	31			32			32	
8:30 AM		28	23			26			26	
8:45 AM		25	25			25			25	
9:00 AM		22	31			27			27	
9:15 AM		25	19			22			22	
9:30 AM		13	18			16			16	
9:45 AM		19	31			25			25	
10:00 AM		19	26			23			23	
10:15 AM		18	24			21			21	
10:30 AM		17	18			18			18	
10:45 AM		13	22			18			18	
11:00 AM		12	20			16			16	
11:15 AM		23	11			17			17	
11:30 AM		11	21			16			16	
11:45 AM		11	19			15			15	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										
<i>Comments:</i>										

LOCATION: Crocker Ave btwn La Salle Ave & Ashmount Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA							QC JOB #: 11590511 DIRECTION: SB DATE: Dec 10 2013 - Dec 11 2013			
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 PM		17	22			20			20	
12:15 PM		18	19			19			19	
12:30 PM		16	22			19			19	
12:45 PM		10	15			13			13	
1:00 PM		30	15			23			23	
1:15 PM		14	20			17			17	
1:30 PM		18	13			16			16	
1:45 PM		15	26			21			21	
2:00 PM		16	13			15			15	
2:15 PM		22	21			22			22	
2:30 PM		18	27			23			23	
2:45 PM		21	25			23			23	
3:00 PM		24	18			21			21	
3:15 PM		23	19			21			21	
3:30 PM		20	25			23			23	
3:45 PM		25	24			25			25	
4:00 PM		33	30			32			32	
4:15 PM		24	20			22			22	
4:30 PM		37	27			32			32	
4:45 PM		24	34			29			29	
5:00 PM		34	19			27			27	
5:15 PM		28	31			30			30	
5:30 PM		36	27			32			32	
5:45 PM		21	27			24			24	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										
<i>Comments:</i>										

LOCATION: Crocker Ave btwn La Salle Ave & Ashmount Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA							QC JOB #: 11590511 DIRECTION: SB DATE: Dec 10 2013 - Dec 11 2013			
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
6:00 PM		23	19			21			21	
6:15 PM		14	16			15			15	
6:30 PM		15	9			12			12	
6:45 PM		17	16			17			17	
7:00 PM		13	8			11			11	
7:15 PM		9	14			12			12	
7:30 PM		12	14			13			13	
7:45 PM		5	9			7			7	
8:00 PM		7	16			12			12	
8:15 PM		5	13			9			9	
8:30 PM		19	9			14			14	
8:45 PM		10	6			8			8	
9:00 PM		10	8			9			9	
9:15 PM		7	5			6			6	
9:30 PM		6	12			9			9	
9:45 PM		6	2			4			4	
10:00 PM		9	2			6			6	
10:15 PM		5	5			5			5	
10:30 PM		4	1			3			3	
10:45 PM		3	4			4			4	
11:00 PM		3	2			3			3	
11:15 PM		1	1			1			1	
11:30 PM		2	0			1			1	
11:45 PM		2	1			2			2	
Day Total		1159	1179			1189			1189	
% Weekday Average		97.5%	99.2%							
% Week Average		97.5%	99.2%			100.0%				
AM Peak		8:15 AM	8:15 AM			8:15 AM			8:15 AM	
Volume		33	31			32			32	
PM Peak		4:30 PM	4:45 PM			4:00 PM			4:00 PM	
Volume		37	34			32			32	
<i>Comments:</i>										

LOCATION: Crocker Ave btwn Farragut Ave & La Salle Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590504 DIRECTION: SB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 AM		0	0			0			0	
12:15 AM		0	0			0			0	
12:30 AM		0	0			0			0	
12:45 AM		0	1			1			1	
1:00 AM		0	0			0			0	
1:15 AM		0	0			0			0	
1:30 AM		0	0			0			0	
1:45 AM		0	0			0			0	
2:00 AM		0	0			0			0	
2:15 AM		0	0			0			0	
2:30 AM		0	0			0			0	
2:45 AM		0	0			0			0	
3:00 AM		0	0			0			0	
3:15 AM		0	0			0			0	
3:30 AM		0	0			0			0	
3:45 AM		0	0			0			0	
4:00 AM		0	1			1			1	
4:15 AM		0	0			0			0	
4:30 AM		1	1			1			1	
4:45 AM		3	3			3			3	
5:00 AM		2	2			2			2	
5:15 AM		2	2			2			2	
5:30 AM		1	2			2			2	
5:45 AM		3	4			4			4	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										
<i>Comments:</i>										

LOCATION: Crocker Ave btwn Farragut Ave & La Salle Ave
SPECIFIC LOCATION: 0 ft from
CITY/STATE: Piedmont, CA

QC JOB #: 11590504
DIRECTION: SB
DATE: Dec 10 2013 - Dec 11 2013

Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
6:00 AM		2	1			2			2	
6:15 AM		2	2			2			2	
6:30 AM		6	3			5			5	
6:45 AM		4	5			5			5	
7:00 AM		4	1			3			3	
7:15 AM		7	5			6			6	
7:30 AM		7	7			7			7	
7:45 AM		26	13			20			20	
8:00 AM		16	17			17			17	
8:15 AM		13	12			13			13	
8:30 AM		20	14			17			17	
8:45 AM		15	11			13			13	
9:00 AM		12	17			15			15	
9:15 AM		15	11			13			13	
9:30 AM		9	10			10			10	
9:45 AM		13	19			16			16	
10:00 AM		9	13			11			11	
10:15 AM		11	16			14			14	
10:30 AM		7	13			10			10	
10:45 AM		10	17			14			14	
11:00 AM		9	9			9			9	
11:15 AM		13	6			10			10	
11:30 AM		8	13			11			11	
11:45 AM		9	17			13			13	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										

Comments:

LOCATION: Crocker Ave btwn Farragut Ave & La Salle Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590504 DIRECTION: SB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 PM		12	15			14			14	
12:15 PM		13	15			14			14	
12:30 PM		10	12			11			11	
12:45 PM		10	11			11			11	
1:00 PM		19	13			16			16	
1:15 PM		10	14			12			12	
1:30 PM		9	6			8			8	
1:45 PM		6	19			13			13	
2:00 PM		14	7			11			11	
2:15 PM		16	20			18			18	
2:30 PM		17	24			21			21	
2:45 PM		13	19			16			16	
3:00 PM		14	17			16			16	
3:15 PM		20	14			17			17	
3:30 PM		15	22			19			19	
3:45 PM		16	20			18			18	
4:00 PM		33	23			28			28	
4:15 PM		20	15			18			18	
4:30 PM		24	16			20			20	
4:45 PM		17	19			18			18	
5:00 PM		24	12			18			18	
5:15 PM		21	21			21			21	
5:30 PM		26	16			21			21	
5:45 PM		16	16			16			16	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										
<i>Comments:</i>										

LOCATION: Crocker Ave btwn Farragut Ave & La Salle Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590504 DIRECTION: SB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
6:00 PM		19	15			17			17	
6:15 PM		14	10			12			12	
6:30 PM		14	10			12			12	
6:45 PM		10	11			11			11	
7:00 PM		15	10			13			13	
7:15 PM		6	7			7			7	
7:30 PM		9	10			10			10	
7:45 PM		1	7			4			4	
8:00 PM		7	16			12			12	
8:15 PM		5	12			9			9	
8:30 PM		5	6			6			6	
8:45 PM		7	2			5			5	
9:00 PM		4	7			6			6	
9:15 PM		3	3			3			3	
9:30 PM		4	8			6			6	
9:45 PM		5	1			3			3	
10:00 PM		4	1			3			3	
10:15 PM		3	4			4			4	
10:30 PM		2	1			2			2	
10:45 PM		4	4			4			4	
11:00 PM		2	2			2			2	
11:15 PM		0	0			0			0	
11:30 PM		0	0			0			0	
11:45 PM		0	0			0			0	
Day Total		797	801			818			818	
% Weekday Average		97.4%	97.9%							
% Week Average		97.4%	97.9%			100.0%				
AM Peak		7:45 AM	9:45 AM			7:45 AM			7:45 AM	
Volume		26	19			20			20	
PM Peak		4:00 PM	2:30 PM			4:00 PM			4:00 PM	
Volume		33	24			28			28	
<i>Comments:</i>										

LOCATION: La Salle Ave btwn Muir Ave & Crocker Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590505 DIRECTION: EB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 AM		0	0			0			0	
12:15 AM		0	0			0			0	
12:30 AM		0	0			0			0	
12:45 AM		0	0			0			0	
1:00 AM		1	0			1			1	█
1:15 AM		0	0			0			0	
1:30 AM		0	1			1			1	█
1:45 AM		0	0			0			0	
2:00 AM		0	0			0			0	
2:15 AM		1	0			1			1	█
2:30 AM		0	0			0			0	
2:45 AM		0	0			0			0	
3:00 AM		0	0			0			0	
3:15 AM		0	0			0			0	
3:30 AM		0	0			0			0	
3:45 AM		0	0			0			0	
4:00 AM		0	0			0			0	
4:15 AM		0	0			0			0	
4:30 AM		0	0			0			0	
4:45 AM		1	0			1			1	█
5:00 AM		0	1			1			1	█
5:15 AM		1	2			2			2	█
5:30 AM		1	0			1			1	█
5:45 AM		1	1			1			1	█
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										
<i>Comments:</i>										

LOCATION: La Salle Ave btwn Muir Ave & Crocker Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590505 DIRECTION: EB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
6:00 AM		0	0			0			0	1
6:15 AM		1	1			1			1	1
6:30 AM		0	1			1			1	1
6:45 AM		0	1			1			1	1
7:00 AM		1	2			2			2	2
7:15 AM		2	1			2			2	2
7:30 AM		3	4			4			4	4
7:45 AM		5	5			5			5	5
8:00 AM		4	1			3			3	3
8:15 AM		7	7			7			7	7
8:30 AM		6	3			5			5	5
8:45 AM		2	3			3			3	3
9:00 AM		5	3			4			4	4
9:15 AM		2	1			2			2	2
9:30 AM		3	5			4			4	4
9:45 AM		3	4			4			4	4
10:00 AM		3	3			3			3	3
10:15 AM		7	5			6			6	6
10:30 AM		5	4			5			5	5
10:45 AM		3	6			5			5	5
11:00 AM		2	4			3			3	3
11:15 AM		4	5			5			5	5
11:30 AM		1	2			2			2	2
11:45 AM		1	6			4			4	4
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										
<i>Comments:</i>										

LOCATION: La Salle Ave btwn Muir Ave & Crocker Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590505 DIRECTION: EB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 PM		4	4			4			4	
12:15 PM		2	3			3			3	
12:30 PM		6	5			6			6	
12:45 PM		4	4			4			4	
1:00 PM		4	4			4			4	
1:15 PM		4	4			4			4	
1:30 PM		3	3			3			3	
1:45 PM		4	2			3			3	
2:00 PM		3	5			4			4	
2:15 PM		3	2			3			3	
2:30 PM		3	4			4			4	
2:45 PM		2	7			5			5	
3:00 PM		5	6			6			6	
3:15 PM		6	4			5			5	
3:30 PM		3	5			4			4	
3:45 PM		5	2			4			4	
4:00 PM		8	8			8			8	
4:15 PM		5	6			6			6	
4:30 PM		7	7			7			7	
4:45 PM		8	7			8			8	
5:00 PM		7	3			5			5	
5:15 PM		3	4			4			4	
5:30 PM		1	5			3			3	
5:45 PM		2	1			2			2	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										
<i>Comments:</i>										

LOCATION: La Salle Ave btwn Muir Ave & Crocker Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590505 DIRECTION: EB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
6:00 PM		6	3			5			5	
6:15 PM		6	6			6			6	
6:30 PM		7	8			8			8	
6:45 PM		7	4			6			6	
7:00 PM		3	1			2			2	
7:15 PM		2	8			5			5	
7:30 PM		0	0			0			0	
7:45 PM		0	1			1			1	
8:00 PM		1	7			4			4	
8:15 PM		1	1			1			1	
8:30 PM		1	0			1			1	
8:45 PM		3	0			2			2	
9:00 PM		0	0			0			0	
9:15 PM		0	0			0			0	
9:30 PM		0	1			1			1	
9:45 PM		1	2			2			2	
10:00 PM		1	0			1			1	
10:15 PM		0	0			0			0	
10:30 PM		0	1			1			1	
10:45 PM		0	0			0			0	
11:00 PM		2	0			1			1	
11:15 PM		0	0			0			0	
11:30 PM		1	0			1			1	
11:45 PM		1	1			1			1	
Day Total		221	231			248			248	
% Weekday Average		89.1%	93.1%							
% Week Average		89.1%	93.1%			100.0%				
AM Peak		8:15 AM	8:15 AM			8:15 AM			8:15 AM	
Volume		7	7			7			7	
PM Peak		4:00 PM	4:00 PM			4:00 PM			4:00 PM	
Volume		8	8			8			8	
<i>Comments:</i>										

LOCATION: La Salle btwn Crocker Ave & King Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590506 DIRECTION: WB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 AM		0	0			0			0	
12:15 AM		1	1			1			1	
12:30 AM		0	1			1			1	
12:45 AM		0	0			0			0	
1:00 AM		0	1			1			1	
1:15 AM		0	0			0			0	
1:30 AM		0	0			0			0	
1:45 AM		0	0			0			0	
2:00 AM		0	0			0			0	
2:15 AM		0	0			0			0	
2:30 AM		0	0			0			0	
2:45 AM		0	0			0			0	
3:00 AM		0	0			0			0	
3:15 AM		0	0			0			0	
3:30 AM		0	0			0			0	
3:45 AM		0	0			0			0	
4:00 AM		0	0			0			0	
4:15 AM		0	0			0			0	
4:30 AM		0	0			0			0	
4:45 AM		2	0			1			1	
5:00 AM		1	0			1			1	
5:15 AM		0	0			0			0	
5:30 AM		0	1			1			1	
5:45 AM		3	4			4			4	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										
<i>Comments:</i>										

LOCATION: La Salle btwn Crocker Ave & King Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590506 DIRECTION: WB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
6:00 AM		2	1			2			2	
6:15 AM		1	1			1			1	
6:30 AM		1	1			1			1	
6:45 AM		2	1			2			2	
7:00 AM		5	5			5			5	
7:15 AM		4	5			5			5	
7:30 AM		9	11			10			10	
7:45 AM		7	5			6			6	
8:00 AM		8	9			9			9	
8:15 AM		21	21			21			21	
8:30 AM		9	16			13			13	
8:45 AM		14	14			14			14	
9:00 AM		10	14			12			12	
9:15 AM		11	12			12			12	
9:30 AM		5	7			6			6	
9:45 AM		8	11			10			10	
10:00 AM		7	15			11			11	
10:15 AM		12	10			11			11	
10:30 AM		9	6			8			8	
10:45 AM		12	7			10			10	
11:00 AM		8	14			11			11	
11:15 AM		8	2			5			5	
11:30 AM		8	10			9			9	
11:45 AM		6	9			8			8	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										
<i>Comments:</i>										

LOCATION: La Salle btwn Crocker Ave & King Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590506 DIRECTION: WB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 PM		8	5			7			7	
12:15 PM		11	10			11			11	
12:30 PM		9	9			9			9	
12:45 PM		3	6			5			5	
1:00 PM		10	3			7			7	
1:15 PM		4	7			6			6	
1:30 PM		6	9			8			8	
1:45 PM		7	11			9			9	
2:00 PM		8	9			9			9	
2:15 PM		11	4			8			8	
2:30 PM		8	8			8			8	
2:45 PM		10	10			10			10	
3:00 PM		16	11			14			14	
3:15 PM		11	12			12			12	
3:30 PM		9	5			7			7	
3:45 PM		15	12			14			14	
4:00 PM		8	9			9			9	
4:15 PM		6	6			6			6	
4:30 PM		12	12			12			12	
4:45 PM		5	10			8			8	
5:00 PM		17	10			14			14	
5:15 PM		14	13			14			14	
5:30 PM		10	11			11			11	
5:45 PM		10	10			10			10	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										
<i>Comments:</i>										

LOCATION: La Salle btwn Crocker Ave & King Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590506 DIRECTION: WB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
6:00 PM		7	6			7			7	
6:15 PM		10	5			8			8	
6:30 PM		7	7			7			7	
6:45 PM		6	9			8			8	
7:00 PM		1	4			3			3	
7:15 PM		8	6			7			7	
7:30 PM		9	6			8			8	
7:45 PM		4	4			4			4	
8:00 PM		2	5			4			4	
8:15 PM		3	7			5			5	
8:30 PM		17	5			11			11	
8:45 PM		4	6			5			5	
9:00 PM		7	5			6			6	
9:15 PM		3	3			3			3	
9:30 PM		5	6			6			6	
9:45 PM		0	0			0			0	
10:00 PM		8	3			6			6	
10:15 PM		2	3			3			3	
10:30 PM		2	0			1			1	
10:45 PM		1	1			1			1	
11:00 PM		0	2			1			1	
11:15 PM		2	0			1			1	
11:30 PM		2	0			1			1	
11:45 PM		0	0			0			0	
Day Total		532	520			546			546	
% Weekday Average		97.4%	95.2%							
% Week Average		97.4%	95.2%			100.0%				
AM Peak		8:15 AM	8:15 AM			8:15 AM			8:15 AM	
Volume		21	21			21			21	
PM Peak		5:00 PM	5:15 PM			3:00 PM			3:00 PM	
Volume		17	13			14			14	
<i>Comments:</i>										

LOCATION: Crocker Ave btwn La Salle Ave & Ashmount Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590511 DIRECTION: NB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 AM		2	0			1			1	
12:15 AM		0	0			0			0	
12:30 AM		0	0			0			0	
12:45 AM		1	0			1			1	
1:00 AM		0	1			1			1	
1:15 AM		1	1			1			1	
1:30 AM		0	0			0			0	
1:45 AM		0	0			0			0	
2:00 AM		0	0			0			0	
2:15 AM		0	0			0			0	
2:30 AM		1	1			1			1	
2:45 AM		0	0			0			0	
3:00 AM		0	0			0			0	
3:15 AM		0	1			1			1	
3:30 AM		0	0			0			0	
3:45 AM		0	0			0			0	
4:00 AM		1	0			1			1	
4:15 AM		0	0			0			0	
4:30 AM		1	0			1			1	
4:45 AM		1	2			2			2	
5:00 AM		0	0			0			0	
5:15 AM		0	0			0			0	
5:30 AM		0	0			0			0	
5:45 AM		2	0			1			1	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										
<i>Comments:</i>										

LOCATION: Crocker Ave btwn La Salle Ave & Ashmount Ave
SPECIFIC LOCATION: 0 ft from
CITY/STATE: Piedmont, CA

QC JOB #: 11590511
DIRECTION: NB
DATE: Dec 10 2013 - Dec 11 2013

Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
6:00 AM		1	1			1			1	
6:15 AM		1	1			1			1	
6:30 AM		4	3			4			4	
6:45 AM		8	8			8			8	
7:00 AM		10	9			10			10	
7:15 AM		11	19			15			15	
7:30 AM		26	27			27			27	
7:45 AM		39	37			38			38	
8:00 AM		50	37			44			44	
8:15 AM		26	21			24			24	
8:30 AM		23	29			26			26	
8:45 AM		22	30			26			26	
9:00 AM		24	21			23			23	
9:15 AM		16	19			18			18	
9:30 AM		24	16			20			20	
9:45 AM		15	17			16			16	
10:00 AM		10	18			14			14	
10:15 AM		12	14			13			13	
10:30 AM		11	19			15			15	
10:45 AM		18	21			20			20	
11:00 AM		16	12			14			14	
11:15 AM		21	20			21			21	
11:30 AM		17	26			22			22	
11:45 AM		21	25			23			23	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										

Comments:

LOCATION: Crocker Ave btwn La Salle Ave & Ashmount Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590511 DIRECTION: NB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 PM		17	27			22			22	
12:15 PM		22	26			24			24	
12:30 PM		19	18			19			19	
12:45 PM		15	20			18			18	
1:00 PM		22	22			22			22	
1:15 PM		13	13			13			13	
1:30 PM		16	17			17			17	
1:45 PM		22	22			22			22	
2:00 PM		20	25			23			23	
2:15 PM		17	16			17			17	
2:30 PM		20	30			25			25	
2:45 PM		19	20			20			20	
3:00 PM		23	24			24			24	
3:15 PM		17	21			19			19	
3:30 PM		23	18			21			21	
3:45 PM		23	26			25			25	
4:00 PM		27	24			26			26	
4:15 PM		19	26			23			23	
4:30 PM		20	28			24			24	
4:45 PM		26	29			28			28	
5:00 PM		25	19			22			22	
5:15 PM		26	24			25			25	
5:30 PM		31	19			25			25	
5:45 PM		32	18			25			25	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										
<i>Comments:</i>										

LOCATION: Crocker Ave btwn La Salle Ave & Ashmount Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590511 DIRECTION: NB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
6:00 PM		24	22			23			23	
6:15 PM		27	23			25			25	
6:30 PM		25	26			26			26	
6:45 PM		19	27			23			23	
7:00 PM		17	10			14			14	
7:15 PM		19	22			21			21	
7:30 PM		18	13			16			16	
7:45 PM		14	13			14			14	
8:00 PM		10	15			13			13	
8:15 PM		11	11			11			11	
8:30 PM		9	13			11			11	
8:45 PM		9	5			7			7	
9:00 PM		11	9			10			10	
9:15 PM		1	11			6			6	
9:30 PM		8	4			6			6	
9:45 PM		7	9			8			8	
10:00 PM		5	2			4			4	
10:15 PM		8	11			10			10	
10:30 PM		8	5			7			7	
10:45 PM		7	4			6			6	
11:00 PM		0	2			1			1	
11:15 PM		0	3			2			2	
11:30 PM		0	0			0			0	
11:45 PM		1	1			1			1	
Day Total		1208	1249			1248			1248	
% Weekday Average		96.8%	100.1%							
% Week Average		96.8%	100.1%			100.0%				
AM Peak		8:00 AM	7:45 AM			8:00 AM			8:00 AM	
Volume		50	37			44			44	
PM Peak		5:45 PM	2:30 PM			4:45 PM			4:45 PM	
Volume		32	30			28			28	
<i>Comments:</i>										

LOCATION: Seaview Ave - North of Hampton SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590501 DIRECTION: SB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 AM		1	0			1			1	
12:15 AM		1	0			1			1	
12:30 AM		0	0			0			0	
12:45 AM		0	0			0			0	
1:00 AM		0	0			0			0	
1:15 AM		0	0			0			0	
1:30 AM		0	0			0			0	
1:45 AM		1	1			1			1	
2:00 AM		0	0			0			0	
2:15 AM		0	0			0			0	
2:30 AM		0	0			0			0	
2:45 AM		1	0			1			1	
3:00 AM		0	0			0			0	
3:15 AM		0	0			0			0	
3:30 AM		0	0			0			0	
3:45 AM		1	0			1			1	
4:00 AM		0	0			0			0	
4:15 AM		0	1			1			1	
4:30 AM		1	0			1			1	
4:45 AM		1	0			1			1	
5:00 AM		2	0			1			1	
5:15 AM		0	0			0			0	
5:30 AM		1	1			1			1	
5:45 AM		0	0			0			0	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										
<i>Comments:</i>										

LOCATION: Seaview Ave - North of Hampton SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590501 DIRECTION: SB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
6:00 AM		0	1			1			1	
6:15 AM		1	2			2			2	
6:30 AM		1	1			1			1	
6:45 AM		2	2			2			2	
7:00 AM		3	3			3			3	
7:15 AM		3	4			4			4	
7:30 AM		4	4			4			4	
7:45 AM		15	16			16			16	
8:00 AM		12	14			13			13	
8:15 AM		10	14			12			12	
8:30 AM		13	10			12			12	
8:45 AM		6	5			6			6	
9:00 AM		6	6			6			6	
9:15 AM		13	6			10			10	
9:30 AM		4	5			5			5	
9:45 AM		4	8			6			6	
10:00 AM		11	13			12			12	
10:15 AM		8	10			9			9	
10:30 AM		7	10			9			9	
10:45 AM		8	4			6			6	
11:00 AM		10	3			7			7	
11:15 AM		5	2			4			4	
11:30 AM		10	6			8			8	
11:45 AM		4	8			6			6	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										
<i>Comments:</i>										

LOCATION: Seaview Ave - North of Hampton
SPECIFIC LOCATION: 0 ft from
CITY/STATE: Piedmont, CA

QC JOB #: 11590501
DIRECTION: SB
DATE: Dec 10 2013 - Dec 11 2013

Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 PM		16	11			14			14	
12:15 PM		12	9			11			11	
12:30 PM		7	7			7			7	
12:45 PM		10	10			10			10	
1:00 PM		9	11			10			10	
1:15 PM		8	5			7			7	
1:30 PM		0	8			4			4	
1:45 PM		12	15			14			14	
2:00 PM		10	13			12			12	
2:15 PM		9	11			10			10	
2:30 PM		12	9			11			11	
2:45 PM		18	11			15			15	
3:00 PM		17	12			15			15	
3:15 PM		25	17			21			21	
3:30 PM		14	12			13			13	
3:45 PM		19	6			13			13	
4:00 PM		15	15			15			15	
4:15 PM		8	13			11			11	
4:30 PM		14	21			18			18	
4:45 PM		15	10			13			13	
5:00 PM		18	13			16			16	
5:15 PM		22	15			19			19	
5:30 PM		13	12			13			13	
5:45 PM		9	16			13			13	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										

Comments:

LOCATION: Seaview Ave - North of Hampton SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590501 DIRECTION: SB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
6:00 PM		16	14			15			15	
6:15 PM		18	16			17			17	
6:30 PM		11	11			11			11	
6:45 PM		6	3			5			5	
7:00 PM		12	15			14			14	
7:15 PM		5	7			6			6	
7:30 PM		10	12			11			11	
7:45 PM		3	3			3			3	
8:00 PM		4	1			3			3	
8:15 PM		3	10			7			7	
8:30 PM		7	5			6			6	
8:45 PM		3	4			4			4	
9:00 PM		1	5			3			3	
9:15 PM		6	1			4			4	
9:30 PM		0	8			4			4	
9:45 PM		1	6			4			4	
10:00 PM		0	3			2			2	
10:15 PM		3	0			2			2	
10:30 PM		3	2			3			3	
10:45 PM		2	0			1			1	
11:00 PM		3	1			2			2	
11:15 PM		1	0			1			1	
11:30 PM		0	1			1			1	
11:45 PM		0	0			0			0	
Day Total		600	570			608			608	
% Weekday Average		98.7%	93.8%							
% Week Average		98.7%	93.8%			100.0%				
AM Peak Volume		7:45 AM 15	7:45 AM 16			7:45 AM 16			7:45 AM 16	
PM Peak Volume		3:15 PM 25	4:30 PM 21			3:15 PM 21			3:15 PM 21	
<i>Comments:</i>										

LOCATION: Hampton btwn King Ave & Seaview Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590502 DIRECTION: EB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 AM		2	0			1			1	
12:15 AM		0	1			1			1	
12:30 AM		0	1			1			1	
12:45 AM		0	0			0			0	
1:00 AM		1	0			1			1	
1:15 AM		1	1			1			1	
1:30 AM		0	1			1			1	
1:45 AM		0	0			0			0	
2:00 AM		1	0			1			1	
2:15 AM		0	0			0			0	
2:30 AM		1	1			1			1	
2:45 AM		0	1			1			1	
3:00 AM		0	0			0			0	
3:15 AM		0	1			1			1	
3:30 AM		0	0			0			0	
3:45 AM		0	0			0			0	
4:00 AM		1	0			1			1	
4:15 AM		0	0			0			0	
4:30 AM		2	1			2			2	
4:45 AM		0	1			1			1	
5:00 AM		0	0			0			0	
5:15 AM		1	0			1			1	
5:30 AM		0	0			0			0	
5:45 AM		2	0			1			1	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										
<i>Comments:</i>										

LOCATION: Hampton btwn King Ave & Seaview Ave
SPECIFIC LOCATION: 0 ft from
CITY/STATE: Piedmont, CA

QC JOB #: 11590502
DIRECTION: EB
DATE: Dec 10 2013 - Dec 11 2013

Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
6:00 AM		1	1			1			1	
6:15 AM		1	1			1			1	
6:30 AM		3	3			3			3	
6:45 AM		10	8			9			9	
7:00 AM		8	10			9			9	
7:15 AM		11	16			14			14	
7:30 AM		25	23			24			24	
7:45 AM		32	37			35			35	
8:00 AM		45	31			38			38	
8:15 AM		25	24			25			25	
8:30 AM		24	27			26			26	
8:45 AM		19	31			25			25	
9:00 AM		26	23			25			25	
9:15 AM		17	20			19			19	
9:30 AM		18	19			19			19	
9:45 AM		16	18			17			17	
10:00 AM		11	17			14			14	
10:15 AM		14	12			13			13	
10:30 AM		10	18			14			14	
10:45 AM		15	21			18			18	
11:00 AM		15	17			16			16	
11:15 AM		16	21			19			19	
11:30 AM		17	27			22			22	
11:45 AM		21	23			22			22	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										

Comments:

LOCATION: Hampton btwn King Ave & Seaview Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590502 DIRECTION: EB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 PM		13	29			21			21	
12:15 PM		26	26			26			26	
12:30 PM		19	18			19			19	
12:45 PM		15	23			19			19	
1:00 PM		23	21			22			22	
1:15 PM		14	12			13			13	
1:30 PM		15	17			16			16	
1:45 PM		21	25			23			23	
2:00 PM		18	23			21			21	
2:15 PM		20	16			18			18	
2:30 PM		20	29			25			25	
2:45 PM		19	21			20			20	
3:00 PM		22	18			20			20	
3:15 PM		14	16			15			15	
3:30 PM		26	21			24			24	
3:45 PM		29	27			28			28	
4:00 PM		24	27			26			26	
4:15 PM		20	30			25			25	
4:30 PM		20	30			25			25	
4:45 PM		29	36			33			33	
5:00 PM		29	19			24			24	
5:15 PM		32	27			30			30	
5:30 PM		29	16			23			23	
5:45 PM		38	27			33			33	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										
<i>Comments:</i>										

LOCATION: Hampton btwn King Ave & Seaview Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590502 DIRECTION: EB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
6:00 PM		23	24			24			24	
6:15 PM		28	24			26			26	
6:30 PM		25	28			27			27	
6:45 PM		17	27			22			22	
7:00 PM		17	11			14			14	
7:15 PM		19	23			21			21	
7:30 PM		18	12			15			15	
7:45 PM		13	15			14			14	
8:00 PM		10	13			12			12	
8:15 PM		16	12			14			14	
8:30 PM		9	13			11			11	
8:45 PM		10	7			9			9	
9:00 PM		9	10			10			10	
9:15 PM		1	12			7			7	
9:30 PM		8	6			7			7	
9:45 PM		8	9			9			9	
10:00 PM		7	2			5			5	
10:15 PM		8	12			10			10	
10:30 PM		8	6			7			7	
10:45 PM		7	5			6			6	
11:00 PM		1	3			2			2	
11:15 PM		0	3			2			2	
11:30 PM		1	1			1			1	
11:45 PM		1	2			2			2	
Day Total		1211	1291			1270			1270	
% Weekday Average		95.4%	101.7%							
% Week Average		95.4%	101.7%			100.0%				
AM Peak		8:00 AM	7:45 AM			8:00 AM			8:00 AM	
Volume		45	37			38			38	
PM Peak		5:45 PM	4:45 PM			4:45 PM			4:45 PM	
Volume		38	36			33			33	
<i>Comments:</i>										

LOCATION: Seaview Ave btwn Hampton Ave & Farragut Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590503 DIRECTION: NB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 AM		1	0			1			1	
12:15 AM		0	1			1			1	
12:30 AM		0	0			0			0	
12:45 AM		0	0			0			0	
1:00 AM		1	0			1			1	
1:15 AM		0	0			0			0	
1:30 AM		0	0			0			0	
1:45 AM		0	0			0			0	
2:00 AM		0	0			0			0	
2:15 AM		0	0			0			0	
2:30 AM		0	0			0			0	
2:45 AM		0	0			0			0	
3:00 AM		0	0			0			0	
3:15 AM		0	0			0			0	
3:30 AM		0	0			0			0	
3:45 AM		0	0			0			0	
4:00 AM		0	0			0			0	
4:15 AM		1	0			1			1	
4:30 AM		0	1			1			1	
4:45 AM		1	1			1			1	
5:00 AM		0	1			1			1	
5:15 AM		1	1			1			1	
5:30 AM		0	0			0			0	
5:45 AM		0	1			1			1	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										
<i>Comments:</i>										

LOCATION: Seaview Ave btwn Hampton Ave & Farragut Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590503 DIRECTION: NB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
6:00 AM		1	1			1			1	
6:15 AM		0	2			1			1	
6:30 AM		2	0			1			1	
6:45 AM		2	1			2			2	
7:00 AM		3	3			3			3	
7:15 AM		2	2			2			2	
7:30 AM		2	1			2			2	
7:45 AM		12	7			10			10	
8:00 AM		1	4			3			3	
8:15 AM		1	2			2			2	
8:30 AM		4	2			3			3	
8:45 AM		2	5			4			4	
9:00 AM		5	3			4			4	
9:15 AM		5	2			4			4	
9:30 AM		0	2			1			1	
9:45 AM		5	4			5			5	
10:00 AM		2	3			3			3	
10:15 AM		8	1			5			5	
10:30 AM		2	1			2			2	
10:45 AM		1	1			1			1	
11:00 AM		1	0			1			1	
11:15 AM		1	2			2			2	
11:30 AM		1	0			1			1	
11:45 AM		2	1			2			2	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										
<i>Comments:</i>										

LOCATION: Seaview Ave btwn Hampton Ave & Farragut Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590503 DIRECTION: NB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 PM		4	6			5			5	
12:15 PM		3	4			4			4	
12:30 PM		2	3			3			3	
12:45 PM		2	4			3			3	
1:00 PM		0	5			3			3	
1:15 PM		1	2			2			2	
1:30 PM		1	3			2			2	
1:45 PM		2	4			3			3	
2:00 PM		0	2			1			1	
2:15 PM		4	0			2			2	
2:30 PM		1	4			3			3	
2:45 PM		2	2			2			2	
3:00 PM		3	2			3			3	
3:15 PM		0	3			2			2	
3:30 PM		3	4			4			4	
3:45 PM		0	5			3			3	
4:00 PM		1	2			2			2	
4:15 PM		2	4			3			3	
4:30 PM		2	2			2			2	
4:45 PM		7	3			5			5	
5:00 PM		2	3			3			3	
5:15 PM		6	6			6			6	
5:30 PM		3	6			5			5	
5:45 PM		10	2			6			6	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										
<i>Comments:</i>										

LOCATION: Seaview Ave btwn Hampton Ave & Farragut Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590503 DIRECTION: NB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
6:00 PM		6	6			6			6	
6:15 PM		3	4			4			4	
6:30 PM		1	4			3			3	
6:45 PM		1	3			2			2	
7:00 PM		0	3			2			2	
7:15 PM		1	2			2			2	
7:30 PM		1	4			3			3	
7:45 PM		0	2			1			1	
8:00 PM		0	1			1			1	
8:15 PM		1	2			2			2	
8:30 PM		1	1			1			1	
8:45 PM		1	3			2			2	
9:00 PM		0	1			1			1	
9:15 PM		5	2			4			4	
9:30 PM		0	0			0			0	
9:45 PM		1	1			1			1	
10:00 PM		2	1			2			2	
10:15 PM		2	0			1			1	
10:30 PM		0	1			1			1	
10:45 PM		2	1			2			2	
11:00 PM		0	1			1			1	
11:15 PM		1	1			1			1	
11:30 PM		0	1			1			1	
11:45 PM		0	0			0			0	
Day Total		160	182			195			195	
% Weekday Average		82.1%	93.3%							
% Week Average		82.1%	93.3%			100.0%				
AM Peak Volume		7:45 AM 12	7:45 AM 7			7:45 AM 10			7:45 AM 10	
PM Peak Volume		5:45 PM 10	12:00 PM 6			5:15 PM 6			5:15 PM 6	
<i>Comments:</i>										

LOCATION: Hampton btwn Seaview Ave & Indian Rd SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590510 DIRECTION: WB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 AM		0	2			1			1	
12:15 AM		0	0			0			0	
12:30 AM		2	0			1			1	
12:45 AM		1	0			1			1	
1:00 AM		1	0			1			1	
1:15 AM		0	0			0			0	
1:30 AM		0	0			0			0	
1:45 AM		0	0			0			0	
2:00 AM		1	0			1			1	
2:15 AM		0	1			1			1	
2:30 AM		0	0			0			0	
2:45 AM		0	0			0			0	
3:00 AM		0	0			0			0	
3:15 AM		1	0			1			1	
3:30 AM		0	0			0			0	
3:45 AM		2	0			1			1	
4:00 AM		1	1			1			1	
4:15 AM		1	0			1			1	
4:30 AM		0	0			0			0	
4:45 AM		3	2			3			3	
5:00 AM		3	1			2			2	
5:15 AM		4	0			2			2	
5:30 AM		0	1			1			1	
5:45 AM		3	5			4			4	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										
<i>Comments:</i>										

LOCATION: Hampton btwn Seaview Ave & Indian Rd SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590510 DIRECTION: WB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
6:00 AM		2	5			4			4	
6:15 AM		2	0			1			1	
6:30 AM		0	0			0			0	
6:45 AM		6	6			6			6	
7:00 AM		9	12			11			11	
7:15 AM		17	20			19			19	
7:30 AM		69	65			67			67	
7:45 AM		75	83			79			79	
8:00 AM		49	53			51			51	
8:15 AM		97	98			98			98	
8:30 AM		50	37			44			44	
8:45 AM		43	45			44			44	
9:00 AM		47	50			49			49	
9:15 AM		31	40			36			36	
9:30 AM		24	30			27			27	
9:45 AM		34	23			29			29	
10:00 AM		19	32			26			26	
10:15 AM		18	21			20			20	
10:30 AM		29	21			25			25	
10:45 AM		28	16			22			22	
11:00 AM		21	26			24			24	
11:15 AM		15	27			21			21	
11:30 AM		28	21			25			25	
11:45 AM		20	28			24			24	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										
<i>Comments:</i>										

LOCATION: Hampton btwn Seaview Ave & Indian Rd SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA							QC JOB #: 11590510 DIRECTION: WB DATE: Dec 10 2013 - Dec 11 2013			
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 PM		37	37			37			37	
12:15 PM		17	23			20			20	
12:30 PM		25	21			23			23	
12:45 PM		23	19			21			21	
1:00 PM		22	24			23			23	
1:15 PM		26	31			29			29	
1:30 PM		20	29			25			25	
1:45 PM		31	27			29			29	
2:00 PM		32	31			32			32	
2:15 PM		30	22			26			26	
2:30 PM		29	20			25			25	
2:45 PM		52	41			47			47	
3:00 PM		48	40			44			44	
3:15 PM		35	26			31			31	
3:30 PM		23	32			28			28	
3:45 PM		41	37			39			39	
4:00 PM		41	40			41			41	
4:15 PM		37	36			37			37	
4:30 PM		20	42			31			31	
4:45 PM		30	30			30			30	
5:00 PM		34	36			35			35	
5:15 PM		36	37			37			37	
5:30 PM		29	32			31			31	
5:45 PM		36	37			37			37	
Day Total										
% Weekday Average										
% Week Average										
AM Peak Volume										
PM Peak Volume										
<i>Comments:</i>										

LOCATION: Hampton btwn Seaview Ave & Indian Rd SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA						QC JOB #: 11590510 DIRECTION: WB DATE: Dec 10 2013 - Dec 11 2013				
Start Time	Mon 10-Dec-13	Tue 11-Dec-13	Wed 11-Dec-13	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
6:00 PM		33	25			29			29	
6:15 PM		25	29			27			27	
6:30 PM		25	26			26			26	
6:45 PM		22	29			26			26	
7:00 PM		24	18			21			21	
7:15 PM		23	27			25			25	
7:30 PM		13	18			16			16	
7:45 PM		14	15			15			15	
8:00 PM		9	18			14			14	
8:15 PM		13	19			16			16	
8:30 PM		14	14			14			14	
8:45 PM		4	12			8			8	
9:00 PM		5	8			7			7	
9:15 PM		6	13			10			10	
9:30 PM		4	10			7			7	
9:45 PM		3	6			5			5	
10:00 PM		6	4			5			5	
10:15 PM		3	9			6			6	
10:30 PM		3	6			5			5	
10:45 PM		4	3			4			4	
11:00 PM		0	1			1			1	
11:15 PM		3	0			2			2	
11:30 PM		1	0			1			1	
11:45 PM		0	0			0			0	
Day Total		1767	1832			1822			1822	
% Weekday Average		97.0%	100.5%							
% Week Average		97.0%	100.5%			100.0%				
AM Peak		8:15 AM	8:15 AM			8:15 AM			8:15 AM	
Volume		97	98			98			98	
PM Peak		2:45 PM	4:30 PM			2:45 PM			2:45 PM	
Volume		52	42			47			47	
<i>Comments:</i>										

APPENDIX C: SPEED DATA

LOCATION: Crocker Ave btwn La Salle Ave & Ashmount Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA															QC JOB #: 11590511 DIRECTION: NB/SB DATE: Dec 10 2013		
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
12:00 AM	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2	16-25	2
12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
12:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	11-20	1
1:00 AM	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	15-24	0
1:15 AM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	26-35	1
1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
2:15 AM	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	15-24	0
2:30 AM	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	21-30	1
2:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
3:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
4:00 AM	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	21-30	1
4:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
4:30 AM	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2	16-25	2
4:45 AM	1	1	0	2	0	1	0	0	0	0	0	0	0	0	5	21-30	2
5:00 AM	0	0	1	0	2	0	0	0	0	0	0	0	0	0	3	26-35	2
5:15 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	31-40	1
5:30 AM	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	21-30	1
5:45 AM	0	0	3	4	2	0	0	0	0	0	0	0	0	0	9	21-30	7
Day Total																	
Percent																	
AM Peak Volume																	
PM Peak Volume																	
Comments:																	

LOCATION: Crocker Ave btwn La Salle Ave & Ashmount Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA															QC JOB #: 11590511 DIRECTION: NB/SB DATE: Dec 10 2013		
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
6:00 AM	0	0	2	3	0	0	0	0	0	0	0	0	0	0	5	23-32	4
6:15 AM	0	0	2	2	1	0	0	0	0	0	0	0	0	0	5	21-30	4
6:30 AM	0	1	6	1	1	1	0	0	0	0	0	0	0	0	10	16-25	7
6:45 AM	0	0	3	6	3	0	0	0	0	0	0	0	0	0	12	22-31	9
7:00 AM	3	0	3	12	2	0	0	0	0	0	0	0	0	0	20	21-30	15
7:15 AM	2	3	5	7	6	0	0	0	0	0	0	0	0	0	23	26-35	12
7:30 AM	3	3	18	8	4	2	0	0	0	0	0	0	0	0	38	21-30	26
7:45 AM	7	4	18	29	4	2	0	0	0	0	0	0	0	0	64	21-30	46
8:00 AM	4	5	17	34	13	0	0	0	0	0	0	0	0	0	73	22-31	50
8:15 AM	4	2	3	38	9	3	0	0	0	0	0	0	0	0	59	26-35	46
8:30 AM	6	2	12	23	7	1	0	0	0	0	0	0	0	0	51	21-30	35
8:45 AM	5	2	5	29	6	0	0	0	0	0	0	0	0	0	47	26-35	35
9:00 AM	5	3	7	16	14	1	0	0	0	0	0	0	0	0	46	26-35	29
9:15 AM	3	3	6	17	11	1	0	0	0	0	0	0	0	0	41	26-35	28
9:30 AM	2	6	6	18	5	0	0	0	0	0	0	0	0	0	37	21-30	24
9:45 AM	2	7	3	14	8	0	0	0	0	0	0	0	0	0	34	26-35	22
10:00 AM	4	0	3	13	7	0	2	0	0	0	0	0	0	0	29	26-35	19
10:15 AM	2	3	13	10	2	0	0	0	0	0	0	0	0	0	30	21-30	23
10:30 AM	1	7	14	5	1	0	0	0	0	0	0	0	0	0	28	16-25	21
10:45 AM	3	6	9	12	1	0	0	0	0	0	0	0	0	0	31	21-30	20
11:00 AM	2	1	10	13	2	0	0	0	0	0	0	0	0	0	28	21-30	23
11:15 AM	8	2	8	22	4	0	0	0	0	0	0	0	0	0	44	22-31	29
11:30 AM	2	0	6	11	6	3	0	0	0	0	0	0	0	0	28	21-30	17
11:45 AM	2	3	5	21	1	0	0	0	0	0	0	0	0	0	32	21-30	26
Day Total																	
Percent																	
AM Peak Volume																	
PM Peak Volume																	
Comments:																	

LOCATION: Crocker Ave btwn La Salle Ave & Ashmount Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA															QC JOB #: 11590511 DIRECTION: NB/SB DATE: Dec 10 2013		
Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
12:00 PM	7	0	6	15	6	0	0	0	0	0	0	0	0	0	34	26-35	21
12:15 PM	3	5	10	14	7	1	0	0	0	0	0	0	0	0	40	22-31	23
12:30 PM	3	1	6	15	8	2	0	0	0	0	0	0	0	0	35	26-35	23
12:45 PM	4	1	5	10	5	0	0	0	0	0	0	0	0	0	25	21-30	15
1:00 PM	9	3	12	23	4	1	0	0	0	0	0	0	0	0	52	21-30	35
1:15 PM	5	3	4	10	5	0	0	0	0	0	0	0	0	0	27	26-35	15
1:30 PM	4	1	9	15	5	0	0	0	0	0	0	0	0	0	34	21-30	24
1:45 PM	5	2	8	17	5	0	0	0	0	0	0	0	0	0	37	22-31	24
2:00 PM	5	6	2	17	6	0	0	0	0	0	0	0	0	0	36	26-35	23
2:15 PM	1	2	7	16	12	1	0	0	0	0	0	0	0	0	39	26-35	27
2:30 PM	4	1	16	13	2	2	0	0	0	0	0	0	0	0	38	21-30	29
2:45 PM	2	2	10	19	6	1	0	0	0	0	0	0	0	0	40	22-31	28
3:00 PM	5	3	10	22	7	0	0	0	0	0	0	0	0	0	47	22-31	31
3:15 PM	7	4	11	10	8	0	0	0	0	0	0	0	0	0	40	21-30	21
3:30 PM	6	3	10	17	7	0	0	0	0	0	0	0	0	0	43	22-31	26
3:45 PM	6	2	13	25	2	0	0	0	0	0	0	0	0	0	48	21-30	38
4:00 PM	4	3	15	28	9	1	0	0	0	0	0	0	0	0	60	21-30	43
4:15 PM	1	4	16	16	5	1	0	0	0	0	0	0	0	0	43	21-30	32
4:30 PM	4	5	22	21	5	0	0	0	0	0	0	0	0	0	57	21-30	43
4:45 PM	2	5	16	22	3	2	0	0	0	0	0	0	0	0	50	21-30	38
5:00 PM	6	10	22	18	3	0	0	0	0	0	0	0	0	0	59	21-30	39
5:15 PM	6	6	9	25	6	1	1	0	0	0	0	0	0	0	54	21-30	34
5:30 PM	6	6	21	33	1	0	0	0	0	0	0	0	0	0	67	21-30	53
5:45 PM	4	8	16	21	4	0	0	0	0	0	0	0	0	0	53	21-30	37
Day Total																	
Percent																	
AM Peak																	
Volume																	
PM Peak																	
Volume																	
Comments:																	

LOCATION: Crocker Ave btwn La Salle Ave & Ashmount Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA															QC JOB #: 11590511 DIRECTION: NB/SB DATE: Dec 10 2013			
Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace	
6:00 PM	6	5	13	16	7	0	0	0	0	0	0	0	0	0	47	21-30	29	
6:15 PM	4	1	12	23	1	0	0	0	0	0	0	0	0	0	41	21-30	35	
6:30 PM	1	3	13	17	6	0	0	0	0	0	0	0	0	0	40	21-30	29	
6:45 PM	8	0	9	12	7	0	0	0	0	0	0	0	0	0	36	23-32	20	
7:00 PM	2	3	9	14	2	0	0	0	0	0	0	0	0	0	30	21-30	22	
7:15 PM	4	3	6	9	5	1	0	0	0	0	0	0	0	0	28	21-30	15	
7:30 PM	3	3	6	14	3	1	0	0	0	0	0	0	0	0	30	21-30	20	
7:45 PM	2	0	5	9	3	0	0	0	0	0	0	0	0	0	19	21-30	14	
8:00 PM	2	1	9	4	1	0	0	0	0	0	0	0	0	0	17	21-30	13	
8:15 PM	2	0	4	9	1	0	0	0	0	0	0	0	0	0	16	21-30	13	
8:30 PM	3	5	7	11	1	1	0	0	0	0	0	0	0	0	28	21-30	18	
8:45 PM	2	1	5	6	5	0	0	0	0	0	0	0	0	0	19	24-33	11	
9:00 PM	1	2	5	11	2	0	0	0	0	0	0	0	0	0	21	22-31	15	
9:15 PM	2	1	0	4	1	0	0	0	0	0	0	0	0	0	8	27-36	4	
9:30 PM	0	2	5	6	1	0	0	0	0	0	0	0	0	0	14	22-31	10	
9:45 PM	1	0	5	5	1	1	0	0	0	0	0	0	0	0	13	21-30	10	
10:00 PM	3	1	4	6	0	0	0	0	0	0	0	0	0	0	14	22-31	9	
10:15 PM	1	1	2	4	5	0	0	0	0	0	0	0	0	0	13	26-35	9	
10:30 PM	0	0	6	4	2	0	0	0	0	0	0	0	0	0	12	21-30	10	
10:45 PM	0	0	3	5	2	0	0	0	0	0	0	0	0	0	10	21-30	8	
11:00 PM	0	0	1	1	1	0	0	0	0	0	0	0	0	0	3	26-35	2	
11:15 PM	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	21-30	1	
11:30 PM	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2	21-30	1	
11:45 PM	1	0	2	0	0	0	0	0	0	0	0	0	0	0	3	16-25	2	
Day Total	231	185	597	1007	311	33	3	0	0	0	0	0	0	0	2367	21-30	1604	
Percent	9.8%	7.8%	25.2%	42.5%	13.1%	1.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
ADT 2367																		
AM Peak Volume	11:15 AM	9:45 AM	7:30 AM	8:15 AM	9:00 AM	8:15 AM	10:00 AM	8:00 AM										
	8	7	18	38	14	3	2	73										
PM Peak Volume	1:00 PM	5:00 PM	4:30 PM	5:30 PM	2:15 PM	12:30 PM	5:15 PM	5:30 PM										
	9	10	22	33	12	2	1	67										
<i>Comments:</i>																		

LOCATION: Crocker Ave btwn La Salle Ave & Ashmount Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA															QC JOB #: 11590511 DIRECTION: NB/SB DATE: Dec 11 2013		
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
12:30 AM	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	16-25	1
12:45 AM	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	21-30	1
1:00 AM	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2	21-30	1
1:15 AM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	26-35	1
1:30 AM	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	15-24	0
1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
2:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
2:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	11-20	1
2:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
3:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	11-20	1
3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
3:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
4:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	26-35	1
4:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
4:30 AM	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	15-24	0
4:45 AM	0	2	0	1	0	1	0	0	0	0	0	0	0	0	4	11-20	2
5:00 AM	0	0	0	0	1	1	1	0	0	0	0	0	0	0	3	36-45	2
5:15 AM	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	21-30	2
5:30 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	2	11-20	1
5:45 AM	0	0	2	4	1	1	0	0	0	0	0	0	0	0	8	21-30	6
Day Total																	
Percent																	
AM Peak Volume																	
PM Peak Volume																	
Comments:																	

LOCATION: Crocker Ave btwn La Salle Ave & Ashmount Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA															QC JOB #: 11590511 DIRECTION: NB/SB DATE: Dec 11 2013		
Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
6:00 AM	0	0	1	2	0	0	0	0	0	0	0	0	0	0	3	21-30	3
6:15 AM	0	1	1	2	1	0	0	0	0	0	0	0	0	0	5	26-35	3
6:30 AM	0	0	3	3	1	0	0	0	0	0	0	0	0	0	7	23-32	5
6:45 AM	1	0	4	9	3	0	0	0	0	0	0	0	0	0	17	21-30	13
7:00 AM	1	0	3	8	3	0	0	0	0	0	0	0	0	0	15	26-35	11
7:15 AM	0	2	17	6	2	0	0	0	0	0	0	0	0	0	27	21-30	23
7:30 AM	3	6	10	14	10	0	0	0	0	0	0	0	0	0	43	23-32	24
7:45 AM	5	4	21	14	6	1	0	0	0	0	0	0	0	0	51	21-30	34
8:00 AM	6	15	11	23	5	0	0	0	0	0	0	0	0	0	60	21-30	34
8:15 AM	3	1	11	27	8	2	0	0	0	0	0	0	0	0	52	21-30	38
8:30 AM	1	2	10	25	14	0	0	0	0	0	0	0	0	0	52	26-35	38
8:45 AM	6	1	12	24	11	1	0	0	0	0	0	0	0	0	55	26-35	35
9:00 AM	3	6	9	29	5	0	0	0	0	0	0	0	0	0	52	21-30	38
9:15 AM	4	5	8	14	7	0	0	0	0	0	0	0	0	0	38	25-34	21
9:30 AM	2	3	5	17	6	1	0	0	0	0	0	0	0	0	34	26-35	23
9:45 AM	4	4	11	22	5	2	0	0	0	0	0	0	0	0	48	21-30	33
10:00 AM	7	3	9	18	7	0	0	0	0	0	0	0	0	0	44	21-30	27
10:15 AM	3	6	8	14	7	0	0	0	0	0	0	0	0	0	38	25-34	21
10:30 AM	2	3	7	19	6	0	0	0	0	0	0	0	0	0	37	26-35	25
10:45 AM	5	0	11	17	10	0	0	0	0	0	0	0	0	0	43	25-34	27
11:00 AM	2	0	7	17	5	1	0	0	0	0	0	0	0	0	32	23-32	23
11:15 AM	2	3	6	15	5	0	0	0	0	0	0	0	0	0	31	21-30	21
11:30 AM	6	1	10	22	8	0	0	0	0	0	0	0	0	0	47	23-32	31
11:45 AM	6	2	9	15	12	0	0	0	0	0	0	0	0	0	44	26-35	26
Day Total																	
Percent																	
AM Peak																	
Volume																	
PM Peak																	
Volume																	
Comments:																	

LOCATION: Crocker Ave btwn La Salle Ave & Ashmount Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA															QC JOB #: 11590511 DIRECTION: NB/SB DATE: Dec 11 2013		
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
12:00 PM	2	3	12	23	9	0	0	0	0	0	0	0	0	0	49	21-30	35
12:15 PM	5	4	9	18	9	0	0	0	0	0	0	0	0	0	45	21-30	27
12:30 PM	4	2	9	18	7	0	0	0	0	0	0	0	0	0	40	21-30	27
12:45 PM	2	1	6	21	3	2	0	0	0	0	0	0	0	0	35	21-30	27
1:00 PM	1	5	7	16	7	1	0	0	0	0	0	0	0	0	37	21-30	23
1:15 PM	4	3	8	16	2	0	0	0	0	0	0	0	0	0	33	21-30	24
1:30 PM	4	3	6	16	1	0	0	0	0	0	0	0	0	0	30	21-30	22
1:45 PM	2	5	7	28	6	0	0	0	0	0	0	0	0	0	48	21-30	35
2:00 PM	4	3	8	19	4	0	0	0	0	0	0	0	0	0	38	22-31	26
2:15 PM	3	1	6	18	7	2	0	0	0	0	0	0	0	0	37	26-35	24
2:30 PM	4	3	15	29	6	0	0	0	0	0	0	0	0	0	57	21-30	43
2:45 PM	5	2	12	22	4	0	0	0	0	0	0	0	0	0	45	21-30	34
3:00 PM	4	14	9	15	0	0	0	0	0	0	0	0	0	0	42	21-30	24
3:15 PM	14	4	16	5	1	0	0	0	0	0	0	0	0	0	40	21-30	21
3:30 PM	3	5	17	16	2	0	0	0	0	0	0	0	0	0	43	21-30	33
3:45 PM	7	3	14	18	7	1	0	0	0	0	0	0	0	0	50	21-30	32
4:00 PM	7	7	12	20	7	1	0	0	0	0	0	0	0	0	54	21-30	32
4:15 PM	3	7	9	21	6	0	0	0	0	0	0	0	0	0	46	21-30	30
4:30 PM	5	1	11	34	3	1	0	0	0	0	0	0	0	0	55	21-30	44
4:45 PM	5	7	18	28	5	0	0	0	0	0	0	0	0	0	63	21-30	45
5:00 PM	2	4	21	8	3	0	0	0	0	0	0	0	0	0	38	21-30	29
5:15 PM	6	5	13	25	6	0	0	0	0	0	0	0	0	0	55	21-30	38
5:30 PM	3	6	8	22	7	0	0	0	0	0	0	0	0	0	46	25-34	29
5:45 PM	5	5	10	18	7	0	0	0	0	0	0	0	0	0	45	21-30	28
Day Total																	
Percent																	
AM Peak Volume																	
PM Peak Volume																	
Comments:																	

LOCATION: Crocker Ave btwn La Salle Ave & Ashmount Ave SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA															QC JOB #: 11590511 DIRECTION: NB/SB DATE: Dec 11 2013				
Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace		
6:00 PM	4	4	16	11	5	1	0	0	0	0	0	0	0	0	41	21-30	27		
6:15 PM	2	5	16	11	3	2	0	0	0	0	0	0	0	0	39	21-30	27		
6:30 PM	3	2	10	13	7	0	0	0	0	0	0	0	0	0	35	21-30	23		
6:45 PM	8	3	10	17	5	0	0	0	0	0	0	0	0	0	43	21-30	26		
7:00 PM	2	0	5	5	5	1	0	0	0	0	0	0	0	0	18	21-30	10		
7:15 PM	3	2	16	12	3	0	0	0	0	0	0	0	0	0	36	21-30	27		
7:30 PM	4	2	7	8	6	0	0	0	0	0	0	0	0	0	27	21-30	15		
7:45 PM	2	1	6	7	6	0	0	0	0	0	0	0	0	0	22	26-35	12		
8:00 PM	6	3	8	11	3	0	0	0	0	0	0	0	0	0	31	21-30	19		
8:15 PM	2	2	9	10	0	1	0	0	0	0	0	0	0	0	24	21-30	19		
8:30 PM	1	2	10	7	2	0	0	0	0	0	0	0	0	0	22	21-30	16		
8:45 PM	0	2	3	4	2	0	0	0	0	0	0	0	0	0	11	21-30	7		
9:00 PM	2	0	6	8	1	0	0	0	0	0	0	0	0	0	17	21-30	14		
9:15 PM	0	2	6	5	2	1	0	0	0	0	0	0	0	0	16	21-30	11		
9:30 PM	1	0	7	6	2	0	0	0	0	0	0	0	0	0	16	21-30	12		
9:45 PM	1	0	3	4	3	0	0	0	0	0	0	0	0	0	11	23-32	7		
10:00 PM	0	1	1	0	2	0	0	0	0	0	0	0	0	0	4	16-25	2		
10:15 PM	1	0	2	8	5	0	0	0	0	0	0	0	0	0	16	26-35	13		
10:30 PM	0	0	0	3	2	1	0	0	0	0	0	0	0	0	6	26-35	5		
10:45 PM	2	0	3	3	0	0	0	0	0	0	0	0	0	0	8	22-31	5		
11:00 PM	0	0	0	4	0	0	0	0	0	0	0	0	0	0	4	21-30	4		
11:15 PM	0	0	1	3	0	0	0	0	0	0	0	0	0	0	4	21-30	4		
11:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0		
11:45 PM	1	0	0	0	0	1	0	0	0	0	0	0	0	0	2	31-40	1		
Day Total	224	207	616	1018	335	27	1	0	0	0	0	0	0	0	2428	21-30	1633		
Percent	9.2%	8.5%	25.4%	41.9%	13.8%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%					
ADT 2428																			
AM Peak Volume	10:00 AM	8:00 AM	7:45 AM	9:00 AM	8:30 AM	8:15 AM	5:00 AM								8:00 AM				
	7	15	21	29	14	2	1								60				
PM Peak Volume	3:15 PM	3:00 PM	5:00 PM	4:30 PM	12:00 PM	12:45 PM											4:45 PM		
	14	14	21	34	9	2											63		
<i>Comments:</i>																			

LOCATION: Crocker Ave btwn La Salle Ave & Ashmount Ave														QC JOB #: 11590511			
SPECIFIC LOCATION: 0 ft from														DIRECTION: NB/SB			
CITY/STATE: Piedmont, CA														DATE: Dec 10 2013 - Dec 11 2013			
Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
Grand Total	455	392	1213	2025	646	60	4	0	0	0	0	0	0	0	4795	21-30	3238
Percent	9.5%	8.2%	25.3%	42.2%	13.5%	1.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
Cumulative Percent	9.5%	17.7%	43.0%	85.2%	98.7%	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%			
ADT 2397															85th Percentile 29 MPH Mean Speed(Average) 24 MPH Median 25 MPH Mode 28 MPH		
<i>Comments:</i>																	



LOCATION: Hampton btwn Seaview Ave & Indian Rd SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA															QC JOB #: 11590510 DIRECTION: EB/WB DATE: Dec 10 2013		
Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
	15	20	25	30	35	40	45	50	55	60	65	70	75	999			
12:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	11-20	1
12:15 AM	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	21-30	1
12:30 AM	0	0	1	1	1	0	0	0	0	0	0	0	0	0	3	26-35	2
12:45 AM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2	11-20	1
1:00 AM	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2	16-25	2
1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
1:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	11-20	1
1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
2:00 AM	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	16-25	1
2:15 AM	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	16-25	1
2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
2:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	11-20	1
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
3:15 AM	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	16-25	1
3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
3:45 AM	0	0	2	1	0	0	0	0	0	0	0	0	0	0	3	21-30	3
4:00 AM	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	21-30	2
4:15 AM	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	21-30	1
4:30 AM	0	1	0	0	0	1	0	0	0	0	0	0	0	0	2	11-20	1
4:45 AM	0	2	2	0	1	0	0	0	0	0	0	0	0	0	5	16-25	4
5:00 AM	1	1	2	0	0	0	0	0	0	0	0	0	0	0	4	16-25	3
5:15 AM	2	2	0	2	1	0	0	0	0	0	0	0	0	0	7	26-35	3
5:30 AM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	2	26-35	1
5:45 AM	1	1	3	0	0	0	0	0	0	0	0	0	0	0	5	16-25	4
Day Total																	
Percent																	
AM Peak Volume																	
PM Peak Volume																	
Comments:																	

LOCATION: Hampton btwn Seaview Ave & Indian Rd SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA															QC JOB #: 11590510 DIRECTION: EB/WB DATE: Dec 10 2013		
Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
6:00 AM	0	2	0	2	0	0	0	0	0	0	0	0	0	0	4	11-20	2
6:15 AM	0	2	0	2	0	0	0	0	0	0	0	0	0	0	4	11-20	2
6:30 AM	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3	16-25	3
6:45 AM	0	3	3	4	0	0	0	0	0	0	0	0	0	0	10	21-30	7
7:00 AM	2	1	9	3	1	0	0	0	0	0	0	0	0	0	16	21-30	12
7:15 AM	0	5	7	12	2	0	0	0	0	0	0	0	0	0	26	21-30	18
7:30 AM	3	12	37	32	2	0	0	0	0	0	0	0	0	0	86	21-30	69
7:45 AM	8	16	55	53	5	0	0	0	0	0	0	0	0	0	137	21-30	107
8:00 AM	4	17	32	29	4	0	0	0	0	0	0	0	0	0	86	21-30	60
8:15 AM	3	16	51	47	4	0	0	0	0	0	0	0	0	0	121	21-30	98
8:30 AM	1	10	39	30	6	0	0	0	0	0	0	0	0	0	86	21-30	69
8:45 AM	2	13	26	18	7	0	0	0	0	0	0	0	0	0	66	21-30	43
9:00 AM	1	7	24	37	1	0	0	0	0	0	0	0	0	0	70	21-30	61
9:15 AM	4	9	20	21	3	0	0	0	0	0	0	0	0	0	57	21-30	41
9:30 AM	4	7	16	16	2	0	0	0	0	0	0	0	0	0	45	21-30	32
9:45 AM	6	12	26	14	1	0	0	0	0	0	0	0	0	0	59	21-30	39
10:00 AM	4	8	17	8	4	1	0	0	0	0	0	0	0	0	42	21-30	25
10:15 AM	4	8	18	15	1	0	0	0	0	0	0	0	0	0	46	21-30	33
10:30 AM	2	9	22	19	2	0	0	0	0	0	0	0	0	0	54	21-30	40
10:45 AM	5	7	17	15	3	0	0	0	0	0	0	0	0	0	47	21-30	32
11:00 AM	3	11	22	13	1	1	0	0	0	0	0	0	0	0	51	21-30	35
11:15 AM	2	6	20	9	1	0	0	0	0	0	0	0	0	0	38	21-30	28
11:30 AM	4	14	24	10	4	0	0	0	0	0	0	0	0	0	56	17-26	37
11:45 AM	0	5	23	17	2	0	0	0	0	0	0	0	0	0	47	21-30	40
Day Total																	
Percent																	
AM Peak																	
Volume																	
PM Peak																	
Volume																	
Comments:																	

LOCATION: Hampton btwn Seaview Ave & Indian Rd SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA															QC JOB #: 11590510 DIRECTION: EB/WB DATE: Dec 10 2013		
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
12:00 PM	4	15	24	24	4	0	0	0	0	0	0	0	0	0	71	21-30	47
12:15 PM	4	3	26	13	4	0	0	0	0	0	0	0	0	0	50	21-30	38
12:30 PM	2	8	15	22	1	0	0	0	0	0	0	0	0	0	48	21-30	37
12:45 PM	4	16	19	10	0	0	0	0	0	0	0	0	0	0	49	16-25	34
1:00 PM	3	8	17	13	4	0	0	0	0	0	0	0	0	0	45	21-30	30
1:15 PM	4	13	16	14	3	0	0	0	0	0	0	0	0	0	50	21-30	29
1:30 PM	1	6	13	15	0	0	0	0	0	0	0	0	0	0	35	21-30	28
1:45 PM	1	14	15	24	3	0	0	0	0	0	0	0	0	0	57	21-30	38
2:00 PM	3	15	18	19	6	0	0	0	0	0	0	0	0	0	61	21-30	36
2:15 PM	2	12	26	29	2	0	0	0	0	0	0	0	0	0	71	21-30	54
2:30 PM	3	8	24	21	5	0	0	0	0	0	0	0	0	0	61	21-30	45
2:45 PM	4	17	29	29	7	0	0	0	0	0	0	0	0	0	86	21-30	57
3:00 PM	3	16	48	37	7	0	0	0	0	0	0	0	0	0	111	21-30	85
3:15 PM	10	15	34	38	10	0	0	0	0	0	0	0	0	0	107	21-30	71
3:30 PM	2	15	24	23	6	0	0	0	0	0	0	0	0	0	70	21-30	46
3:45 PM	2	14	29	27	4	0	0	0	0	0	0	0	0	0	76	21-30	56
4:00 PM	7	15	26	27	4	0	0	0	0	0	0	0	0	0	79	21-30	53
4:15 PM	2	6	33	26	4	0	0	0	0	0	0	0	0	0	71	21-30	59
4:30 PM	1	13	35	22	0	0	0	0	0	0	0	0	0	0	71	21-30	57
4:45 PM	5	9	33	31	4	0	0	0	0	0	0	0	0	0	82	21-30	64
5:00 PM	7	23	44	20	1	0	0	0	0	0	0	0	0	0	95	16-25	67
5:15 PM	8	19	36	15	2	0	0	0	0	0	0	0	0	0	80	16-25	55
5:30 PM	5	14	24	13	1	0	0	0	0	0	0	0	0	0	57	20-29	37
5:45 PM	5	12	36	26	2	0	0	0	0	0	0	0	0	0	81	21-30	62
Day Total																	
Percent																	
AM Peak																	
Volume																	
PM Peak																	
Volume																	
Comments:																	

LOCATION: Hampton btwn Seaview Ave & Indian Rd SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA															QC JOB #: 11590510 DIRECTION: EB/WB DATE: Dec 10 2013				
Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace		
6:00 PM	0	8	47	26	6	0	0	0	0	0	0	0	0	0	87	21-30	73		
6:15 PM	5	16	25	19	2	0	0	0	0	0	0	0	0	0	67	21-30	43		
6:30 PM	3	13	24	21	4	0	0	0	0	0	0	0	0	0	65	21-30	45		
6:45 PM	4	5	24	10	5	0	0	0	0	0	0	0	0	0	48	21-30	34		
7:00 PM	0	12	24	18	1	0	0	0	0	0	0	0	0	0	55	21-30	41		
7:15 PM	4	3	20	16	3	0	0	0	0	0	0	0	0	0	46	21-30	36		
7:30 PM	0	5	9	15	0	0	0	0	0	0	0	0	0	0	29	21-30	24		
7:45 PM	3	1	11	11	2	0	0	0	0	0	0	0	0	0	28	21-30	22		
8:00 PM	2	6	9	6	0	0	0	0	0	0	0	0	0	0	23	17-26	15		
8:15 PM	2	6	9	3	0	0	0	0	0	0	0	0	0	0	20	16-25	15		
8:30 PM	1	4	16	11	1	0	0	0	0	0	0	0	0	0	33	21-30	27		
8:45 PM	1	3	9	7	2	0	0	0	0	0	0	0	0	0	22	21-30	15		
9:00 PM	1	3	7	3	0	0	0	0	0	0	0	0	0	0	14	21-30	10		
9:15 PM	2	8	5	2	0	0	0	0	0	0	0	0	0	0	17	16-25	13		
9:30 PM	1	5	4	2	0	0	0	0	0	0	0	0	0	0	12	16-25	9		
9:45 PM	0	2	2	4	0	0	0	0	0	0	0	0	0	0	8	21-30	6		
10:00 PM	1	5	2	1	1	0	0	0	0	0	0	0	0	0	10	16-25	7		
10:15 PM	0	5	6	2	1	0	0	0	0	0	0	0	0	0	14	17-26	10		
10:30 PM	0	0	5	2	0	0	0	0	0	0	0	0	0	0	7	21-30	7		
10:45 PM	0	0	4	5	0	0	0	0	0	0	0	0	0	0	9	21-30	9		
11:00 PM	0	1	2	2	0	0	0	0	0	0	0	0	0	0	5	21-30	4		
11:15 PM	0	1	4	2	0	0	0	0	0	0	0	0	0	0	7	21-30	6		
11:30 PM	0	1	1	3	0	0	0	0	0	0	0	0	0	0	5	21-30	4		
11:45 PM	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2	21-30	1		
Day Total	190	632	1437	1165	172	3	0	0	0	0	0	0	0	0	3599	21-30	2602		
Percent	5.3%	17.6%	39.9%	32.4%	4.8%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%					
ADT 3599																			
AM Peak Volume	7:45 AM	8:00 AM	7:45 AM	7:45 AM	8:45 AM	4:30 AM										7:45 AM			
	8	17	55	53	7	1										137			
PM Peak Volume	3:15 PM	5:00 PM	3:00 PM	3:15 PM	3:15 PM												3:00 PM		
	10	23	48	38	10												111		
<i>Comments:</i>																			

LOCATION: Hampton btwn Seaview Ave & Indian Rd SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA															QC JOB #: 11590510 DIRECTION: EB/WB DATE: Dec 11 2013		
Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
12:00 AM	0	0	2	1	0	0	0	0	0	0	0	0	0	0	3	21-30	3
12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
2:15 AM	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	16-25	1
2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
2:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
3:00 AM	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	16-25	1
3:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	11-20	1
3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
3:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
4:00 AM	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	21-30	1
4:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	11-20	1
4:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1-10	0
4:45 AM	0	1	0	1	1	0	0	0	0	0	0	0	0	0	3	26-35	2
5:00 AM	0	1	0	1	1	0	0	0	0	0	0	0	0	0	3	26-35	2
5:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	11-20	1
5:30 AM	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3	15-24	1
5:45 AM	1	0	4	1	0	0	0	0	0	0	0	0	0	0	6	22-31	4
Day Total																	
Percent																	
AM Peak																	
Volume																	
PM Peak																	
Volume																	
Comments:																	

LOCATION: Hampton btwn Seaview Ave & Indian Rd SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA															QC JOB #: 11590510 DIRECTION: EB/WB DATE: Dec 11 2013		
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
6:00 AM	0	3	3	3	0	0	0	0	0	0	0	0	0	0	9	22-31	5
6:15 AM	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2	16-25	2
6:30 AM	0	0	2	1	0	0	0	0	0	0	0	0	0	0	3	21-30	3
6:45 AM	0	1	5	2	1	0	0	0	0	0	0	0	0	0	9	21-30	7
7:00 AM	1	5	10	7	1	0	0	0	0	0	0	0	0	0	24	21-30	16
7:15 AM	3	4	18	8	1	0	0	0	0	0	0	0	0	0	34	21-30	26
7:30 AM	5	21	30	26	2	1	0	0	0	0	0	0	0	0	85	21-30	56
7:45 AM	9	24	58	44	6	0	0	0	0	0	0	0	0	0	141	21-30	102
8:00 AM	4	12	31	39	4	0	0	0	0	0	0	0	0	0	90	21-30	70
8:15 AM	4	15	66	42	6	0	0	0	0	0	0	0	0	0	133	21-30	108
8:30 AM	8	9	32	26	7	0	0	0	0	0	0	0	0	0	82	21-30	58
8:45 AM	0	13	37	16	4	1	0	0	0	0	0	0	0	0	71	21-30	53
9:00 AM	2	12	26	35	4	0	0	0	0	0	0	0	0	0	79	21-30	61
9:15 AM	2	9	24	23	6	0	0	0	0	0	0	0	0	0	64	21-30	46
9:30 AM	3	8	21	9	4	0	0	0	0	0	0	0	0	0	45	21-30	29
9:45 AM	1	11	12	15	3	0	0	0	0	0	0	0	0	0	42	21-30	27
10:00 AM	4	9	21	22	2	0	0	0	0	0	0	0	0	0	58	21-30	43
10:15 AM	0	8	20	16	1	0	0	0	0	0	0	0	0	0	45	21-30	36
10:30 AM	1	3	19	12	2	0	0	0	0	0	0	0	0	0	37	21-30	30
10:45 AM	4	1	9	14	5	0	0	0	0	0	0	0	0	0	33	22-31	22
11:00 AM	1	6	19	22	2	0	0	0	0	0	0	0	0	0	50	21-30	41
11:15 AM	2	7	14	22	4	0	0	0	0	0	0	0	0	0	49	21-30	36
11:30 AM	2	9	18	18	3	0	0	0	0	0	0	0	0	0	50	21-30	36
11:45 AM	3	7	32	19	2	0	0	0	0	0	0	0	0	0	63	21-30	50
Day Total																	
Percent																	
AM Peak Volume																	
PM Peak Volume																	
Comments:																	

LOCATION: Hampton btwn Seaview Ave & Indian Rd SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA															QC JOB #: 11590510 DIRECTION: EB/WB DATE: Dec 11 2013		
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
12:00 PM	3	10	30	25	2	1	0	0	0	0	0	0	0	0	71	21-30	55
12:15 PM	7	13	14	14	2	1	0	0	0	0	0	0	0	0	51	21-30	27
12:30 PM	4	7	16	14	2	0	0	0	0	0	0	0	0	0	43	21-30	29
12:45 PM	5	7	14	12	1	0	0	0	0	0	0	0	0	0	39	21-30	25
1:00 PM	4	12	19	15	2	0	0	0	0	0	0	0	0	0	52	21-30	34
1:15 PM	3	6	25	17	4	0	0	0	0	0	0	0	0	0	55	21-30	42
1:30 PM	5	7	22	18	3	0	0	0	0	0	0	0	0	0	55	21-30	39
1:45 PM	1	11	27	27	4	1	0	0	0	0	0	0	0	0	71	21-30	54
2:00 PM	5	12	38	31	0	0	0	0	0	0	0	0	0	0	86	21-30	69
2:15 PM	3	8	25	17	2	0	0	0	0	0	0	0	0	0	55	21-30	42
2:30 PM	2	9	13	12	4	0	0	0	0	0	0	0	0	0	40	21-30	24
2:45 PM	6	13	25	23	7	1	0	0	0	0	0	0	0	0	75	21-30	47
3:00 PM	9	6	37	28	3	0	0	0	0	0	0	0	0	0	83	21-30	64
3:15 PM	6	13	29	32	4	0	0	0	0	0	0	0	0	0	84	21-30	61
3:30 PM	5	11	26	25	1	0	0	0	0	0	0	0	0	0	68	21-30	51
3:45 PM	3	28	30	14	2	0	0	0	0	0	0	0	0	0	77	16-25	58
4:00 PM	5	17	35	29	2	0	0	0	0	0	0	0	0	0	88	21-30	63
4:15 PM	3	16	26	28	4	0	0	0	0	0	0	0	0	0	77	21-30	53
4:30 PM	3	17	33	29	1	0	0	0	0	0	0	0	0	0	83	21-30	61
4:45 PM	3	15	34	25	8	0	0	0	0	0	0	0	0	0	85	21-30	59
5:00 PM	8	13	34	30	4	0	0	0	0	0	0	0	0	0	89	21-30	64
5:15 PM	7	16	32	16	5	0	0	0	0	0	0	0	0	0	76	21-30	48
5:30 PM	5	13	26	22	3	0	0	0	0	0	0	0	0	0	69	21-30	48
5:45 PM	2	16	37	32	3	0	0	0	0	0	0	0	0	0	90	21-30	69
Day Total																	
Percent																	
AM Peak Volume																	
PM Peak Volume																	
Comments:																	

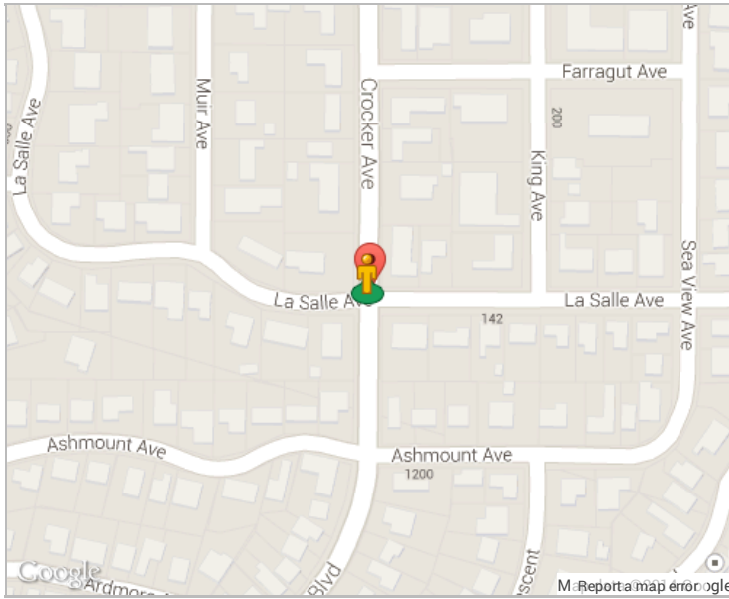
LOCATION: Hampton btwn Seaview Ave & Indian Rd SPECIFIC LOCATION: 0 ft from CITY/STATE: Piedmont, CA															QC JOB #: 11590510 DIRECTION: EB/WB DATE: Dec 11 2013				
Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace		
6:00 PM	4	11	33	28	5	0	0	0	0	0	0	0	0	0	81	21-30	60		
6:15 PM	5	9	39	23	3	0	0	0	0	0	0	0	0	0	79	21-30	61		
6:30 PM	1	10	35	19	2	0	0	0	0	0	0	0	0	0	67	21-30	53		
6:45 PM	2	8	18	26	4	0	0	0	0	0	0	0	0	0	58	21-30	44		
7:00 PM	1	11	31	17	3	0	0	0	0	0	0	0	0	0	63	21-30	48		
7:15 PM	1	6	26	17	2	0	0	0	0	0	0	0	0	0	52	21-30	43		
7:30 PM	1	7	17	10	2	0	0	0	0	0	0	0	0	0	37	21-30	27		
7:45 PM	3	5	8	8	0	0	0	0	0	0	0	0	0	0	24	21-30	16		
8:00 PM	2	7	13	10	1	0	0	0	0	0	0	0	0	0	33	21-30	23		
8:15 PM	2	5	10	9	5	0	0	0	0	0	0	0	0	0	31	21-30	19		
8:30 PM	1	5	11	11	4	0	0	0	0	0	0	0	0	0	32	21-30	22		
8:45 PM	1	5	14	9	0	0	0	0	0	0	0	0	0	0	29	21-30	22		
9:00 PM	1	5	15	7	2	0	0	0	0	0	0	0	0	0	30	21-30	21		
9:15 PM	1	7	9	8	0	0	0	0	0	0	0	0	0	0	25	21-30	17		
9:30 PM	2	6	10	10	0	0	0	0	0	0	0	0	0	0	28	21-30	20		
9:45 PM	0	3	8	1	0	0	0	0	0	0	0	0	0	0	12	16-25	11		
10:00 PM	2	3	3	4	1	0	0	0	0	0	0	0	0	0	13	21-30	7		
10:15 PM	1	3	5	6	0	0	0	0	0	0	0	0	0	0	15	21-30	10		
10:30 PM	0	3	4	6	1	0	0	0	0	0	0	0	0	0	14	22-31	9		
10:45 PM	0	3	1	0	1	0	0	0	0	0	0	0	0	0	5	16-25	4		
11:00 PM	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	16-25	2		
11:15 PM	0	2	0	1	0	0	0	0	0	0	0	0	0	0	3	11-20	2		
11:30 PM	0	1	1	1	0	0	0	0	0	0	0	0	0	0	3	21-30	2		
11:45 PM	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	16-25	1		
Day Total	200	625	1497	1212	181	6	0	0	0	0	0	0	0	0	3721	21-30	2708		
Percent	5.4%	16.8%	40.2%	32.6%	4.9%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%					
ADT 3721																			
AM Peak Volume	7:45 AM 9	7:45 AM 24	8:15 AM 66	7:45 AM 44	8:30 AM 7	7:30 AM 1											7:45 AM 141		
PM Peak Volume	3:00 PM 9	3:45 PM 28	6:15 PM 39	3:15 PM 32	4:45 PM 8	12:00 PM 1											5:45 PM 90		
<i>Comments:</i>																			

LOCATION: Hampton btwn Seaview Ave & Indian Rd														QC JOB #: 11590510			
SPECIFIC LOCATION: 0 ft from														DIRECTION: EB/WB			
CITY/STATE: Piedmont, CA														DATE: Dec 10 2013 - Dec 11 2013			
Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
Grand Total	390	1257	2934	2377	353	9	0	0	0	0	0	0	0	0	7320	21-30	5310
Percent	5.3%	17.2%	40.1%	32.5%	4.8%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
Cumulative Percent	5.3%	22.5%	62.6%	95.1%	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%			
ADT 3660															85th Percentile 28 MPH Mean Speed(Average) 22 MPH Median 23 MPH Mode: 23 MPH		
<i>Comments:</i>																	



APPENDIX D: HISTORICAL CRASH DATA

COLLISION DETAILS: CASE ID 4610695



County	ALAMEDA	City	PIEDMONT
Date (Y-M-D)	2010-02-17	Time	15:56
Nearby Intersection	CROCKER AV & LA SALLE AV		
Coordinate Location	37.815255004, -122.225193139		
State Highway	N	Route	-
Injured Victims	1	Fatalities	0
Alcohol	NO	Weather	Clear
Primary Collision Factor	Automobile Right of Way	Involved with	Other Motor Vehicle

STREET VIEW



APPENDIX E: ALL-WAY STOP CONTROL WARRANT RESULTS

All-Way Stop Control Warrant : Multiway Stop Applications

1: Crocker Ave & Ashmount Ave

Stop Sign Warrant Studies in Piedmont, California

Intersection Information:

Major Street Name	Crocker Ave
Major Direction	NB/SB
Minor Direction	EB/WB

AWSC Warrant Met?

No

Details:

Condition A Met?	No	
Condition B Met?	No	
Condition C Met?	No	0 Hours Met (8 Required)

Qualifying Crashes	0
Major Street 85th-Percentile Speed	29.00
Major Street Speed Limit	25

Crocker Avenue & Ashmount Avenue

Start Hr	Total	EB	WB	NB	SB	Major St	Minor St
0:00	8	1	2	3	2	5	3
1:00	7	0	2	3	2	5	2
2:00	5	0	1	3	1	4	1
3:00	1	0	0	1	0	1	0
4:00	13	3	1	4	5	9	4
5:00	19	1	1	2	15	17	2
6:00	38	1	3	15	19	34	4
7:00	151	9	8	82	52	134	17
8:00	253	9	24	114	106	220	33
9:00	193	11	12	80	90	170	23
10:00	157	7	11	59	80	139	18
11:00	166	8	15	79	64	143	23
12:00	180	9	15	85	71	156	24
13:00	172	9	12	74	77	151	21
14:00	188	9	12	84	83	167	21
15:00	204	11	16	87	90	177	27
16:00	241	7	10	109	115	224	17
17:00	239	6	10	110	113	223	16
18:00	180	6	10	99	65	164	16
19:00	121	5	9	64	43	107	14
20:00	96	2	5	46	43	89	7
21:00	66	1	4	33	28	61	5
22:00	49	2	1	28	18	46	3
23:00	15	1	0	7	7	14	1

Hours meeting minimum volume criteria in Sect 2B.07(C)

A minimum of 8 hours must be met to satisfy the warrant's volume criterion

All-Way Stop Control Warrant : Multiway Stop Applications 2: Crocker Ave & LaSalle Ave

Stop Sign Warrant Studies in Piedmont, California

Intersection Information:

Major Street Name	Crocker Ave
Major Direction	NB/SB
Minor Direction	EB/WB

AWSC Warrant Met?

No

Details:

Condition A Met?	No	
Condition B Met?	No	
Condition C Met?	No	0 Hours Met (8 Required)

Qualifying Crashes	2
Major Street 85th-Percentile Speed	29.00
Major Street Speed Limit	25

Crocker Avenue & La Salle Avenue

Start Hr	Total	EB	WB	NB	SB	Major St	Minor St
0:00	5	0	2	2	1	3	2
1:00	5	2	1	2	0	2	3
2:00	2	1	0	1	0	1	1
3:00	1	0	0	1	0	1	0
4:00	11	1	1	4	5	9	2
5:00	22	5	6	1	10	11	11
6:00	37	3	6	14	14	28	9
7:00	165	13	26	90	36	126	39
8:00	255	18	57	120	60	180	75
9:00	185	14	40	77	54	131	54
10:00	170	19	40	62	49	111	59
11:00	170	14	33	80	43	123	47
12:00	182	17	32	83	50	133	49
13:00	167	14	30	74	49	123	44
14:00	202	16	35	85	66	151	51
15:00	225	19	47	89	70	159	66
16:00	249	29	35	101	84	185	64
17:00	236	14	49	97	76	173	63
18:00	204	25	30	97	52	149	55
19:00	129	8	22	65	34	99	30
20:00	107	8	25	42	32	74	33
21:00	66	3	15	30	18	48	18
22:00	53	2	11	27	13	40	13
23:00	12	3	3	4	2	6	6

Hours meeting minimum volume criteria in Sect 2B.07(C)

A minimum of 8 hours must be met to satisfy the warrant's volume criterion

All-Way Stop Control Warrant : Multiway Stop Applications 3: Hampton Rd & SeaView Ave

Stop Sign Warrant Studies in Piedmont, California

Intersection Information:

Major Street Name	Hampton Rd
Major Direction	EB/WB
Minor Direction	NB/SB

AWSC Warrant Met?

No

Details:

Condition A Met?	No
Condition B Met?	No
Condition C Met?	No 0 Hours Met (8 Required)

Qualifying Crashes	0
Major Street 85th-Percentile Speed	28.00
Major Street Speed Limit	25

Sea View Ave & Hampton Rd

Start Hr	Total	EB	WB	NB	SB	Major St	Minor St
0:00	10	3	3	2	2	6	4
1:00	6	3	1	1	1	4	2
2:00	6	3	2	0	1	5	1
3:00	4	1	2	0	1	3	1
4:00	15	4	5	3	3	9	6
5:00	16	2	9	3	2	11	5
6:00	36	14	11	5	6	25	11
7:00	302	82	176	17	27	258	44
8:00	406	114	237	12	43	351	55
9:00	262	80	141	14	27	221	41
10:00	199	59	93	11	36	152	47
11:00	204	79	94	6	25	173	31
12:00	243	85	101	15	42	186	57
13:00	225	74	106	10	35	180	45
14:00	270	84	130	8	48	214	56
15:00	303	87	142	12	62	229	74
16:00	317	109	139	12	57	248	69
17:00	331	110	140	20	61	250	81
18:00	270	99	108	15	48	207	63
19:00	183	64	77	8	34	141	42
20:00	124	46	52	6	20	98	26
21:00	83	33	29	6	15	62	21
22:00	62	28	20	6	8	48	14
23:00	18	7	4	3	4	11	7

Hours meeting minimum volume criteria in Sect 2B.07(C)

A minimum of 8 hours must be met to satisfy the warrant's volume criterion