

TECHNICAL MEMORANDUM

Wildwood Gardens One-Way Loop Conversion

Analysis Findings

Date: February 20, 2020
To: John Wanger, P.E.
From: Aaron Elias, T.E.
cc:

Project #: 21900

The residents of the western loop of Wildwood Gardens in Piedmont California have requested that their loop be converted from two-way traffic to one-way traffic. The City of Piedmont has requested a traffic engineering analysis to review this proposal and determine potential impacts to residential and emergency vehicle access. In addition to studying the western loop, Kittelson also analyzed the eastern loop. The remainder of this technical memorandum details Kittelson and Associates, Inc. (Kittelson) analysis findings and includes the following sections:

- Traffic Volume Analysis
- Safety Analysis
- Site Visit Observation
- Recommendations

TRAFFIC VOLUME ANALYSIS

To understand the existing traffic patterns on Wildwood Gardens, Kittelson collected 7-days of tube counts at four locations in the area. The four locations are shown Figure 1 and included tube counts at the northern and southern segments of both the western and eastern loops. Data were collected between Wednesday, January 22, 2020 and Tuesday, January 28, 2020 and are included as an attachment to this memorandum. The average daily traffic over the seven data collection days at the four locations ranged from about 178 vehicles per day (location 4) to 369 vehicles per day at location 2. This data is shown graphically in Figure 2 which also details the breakdown between eastbound and westbound traffic.

A review of the data shows that the directional distribution at the four count locations shows less than a 60/40 split between vehicles traveling eastbound and those traveling westbound. This indicates there is no preferred circulation pattern within these loops today and that residents are making routing decisions based on shortest path rather than a perceived directionality on the two loops.

Figure 1: Locations and Directions of Collected Traffic Volumes

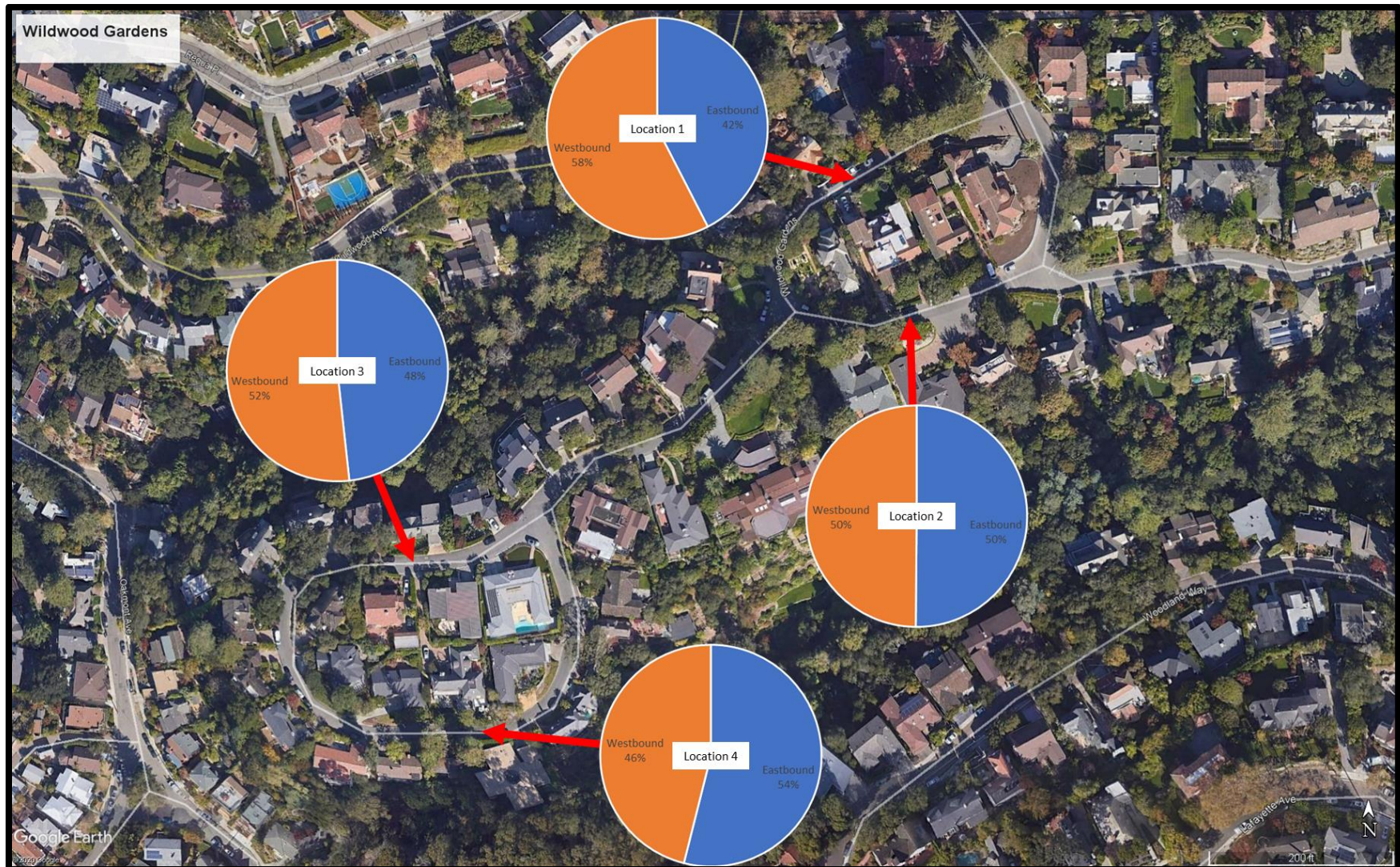
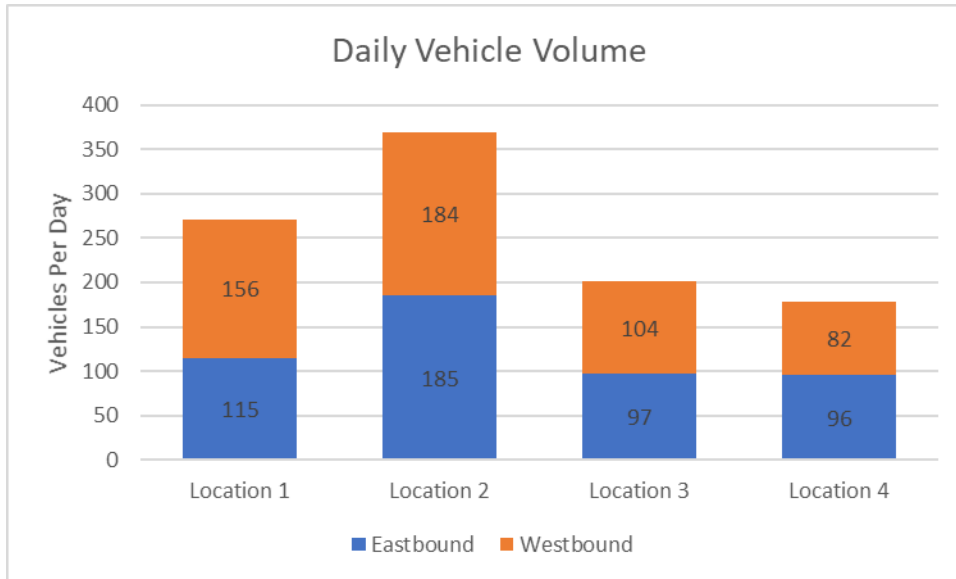


Figure 2: Daily Vehicle Volume and Directionality at the Four Tube Count Locations



SAFETY ANALYSIS

Kittelson used the Statewide Integrated Traffic Records System (SWITRS) to download collision data from the most recent 3-year period (January 2016 – December 2018) on Wildwood Gardens. This dataset includes all collisions that were documented in a police report. During that time period, there were no collisions on Wildwood Gardens reported to the police.

SITE VISIT OBSERVATIONS

A site visit was completed by Kittelson on January 22, 2020 to review conditions in the field and note factors affecting the viability of a one-way loop conversion for both residential traffic and emergency vehicles. The primary observations from this visit include:

- The western and eastern loops of Wildwood Gardens are currently shown on Google Maps as one-way loops in the counterclockwise direction. This miscoding would likely affect navigation software causing visitors to drive on Wildwood Gardens as if the two loops were one-way counterclockwise.
- Almost all the vehicles parked on the street were observed to be pointed in a counterclockwise direction on the loops. This is likely due to practical considerations since parking on the right side of the loops allows for easier ingress and egress from the driver’s door on the left side of the vehicle. Additionally, the western loop has red curb on the inside edge of the loop and the eastern loop has signage on the inside edge of the loop prohibiting parking.
- As shown in Figure 3, Wildwood Gardens is a narrow roadway with parking on one side that would require one direction to yield to another to allow vehicles to pass each other. The narrow roadway and two-way traffic keep speeds low.

Figure 3: Narrow Streets with Parking on One Side



- The red curb along the inner curb line of the western loop appears to be sufficient in maintaining access for larger vehicles and emergency vehicles. However, portions of the eastern loop are narrower than the western loop which may make it difficult for larger vehicles and emergency vehicles to pass (Figure 4).

Figure 4: Narrow Portions of Eastern Loop where Parking is Allowed



RECOMMENDATIONS

Based on our review of the available data, Kittelson does not recommend the western or eastern loops of Wildwood Gardens be converted to one-way. This recommendation is based on the following:

- There is not a clear pattern of vehicles using the two loops in one direction or the other today. Changing the circulation pattern would be contrary to what residents are accustomed to and would likely result in wrong-way movements.
- Based on reported collision data, there have been no collisions on Wildwood Gardens over a three-year period (2016, 2017, and 2018). This suggests there is not a safety issue that would be solved by a one-way conversion. Additionally, residents are likely to drive at slower speeds with two-way circulation because they know traffic may be coming in the opposite direction. A one-way loop system would likely increase vehicle speeds since residents would no longer think they would be opposed by a vehicle traveling in the opposite direction.
- There is a slight benefit for emergency vehicles by maintaining two-way circulation since they prefer to travel the shortest path to decrease response times. They would likely continue to use the shortest path even with a one-way loop system by traveling in the wrong direction, however, it is better for emergency vehicles to follow the typical circulation patterns in an area.

Kittelson would also recommend the City consider restricting on-street parking in narrow portions of the eastern loop, especially where the roadway curves. This would better maintain access for larger vehicles such as delivery and moving trucks in addition to maintaining access for emergency vehicles.

Appendix: Collected Volume Data

Type of report: Tube Count - Volume Data

LOCATION: Wildwood Gardens Tube 1 East North Loop										QC JOB #: 15167801
SPECIFIC LOCATION:										DIRECTION: EB
CITY/STATE: Piedmont, CA										DATE: Jan 22 2020 - Jan 28 2020
Start Time	Mon	Tue	Wed 22 Jan 20	Thu 23 Jan 20	Fri 24 Jan 20	Average Weekday Hourly Traffic	Sat 25 Jan 20	Sun 26 Jan 20	Average Week Hourly Traffic	Average Week Profile
12:00 AM			1	0	2	1	0	1	1	
01:00 AM			0	0	0	0	0	1	0	
02:00 AM			0	0	0	0	0	0	0	
03:00 AM			0	0	0	0	0	0	0	
04:00 AM			0	0	0	0	0	0	0	
05:00 AM			0	0	1	0	0	0	0	
06:00 AM			2	1	2	2	1	1	1	
07:00 AM			6	3	5	5	2	0	3	
08:00 AM			15	8	6	10	1	0	6	
09:00 AM			9	7	11	9	5	2	7	
10:00 AM			6	13	10	10	12	5	9	
11:00 AM			8	6	6	7	6	5	6	
12:00 PM			5	4	7	5	8	5	6	
01:00 PM			6	10	6	7	7	5	7	
02:00 PM			9	4	8	7	12	8	8	
03:00 PM			14	13	15	14	8	7	11	
04:00 PM			7	14	11	11	5	17	11	
05:00 PM			15	11	9	12	3	11	10	
06:00 PM			11	11	14	12	2	10	10	
07:00 PM			6	7	6	6	5	2	5	
08:00 PM			4	9	2	5	3	2	4	
09:00 PM			1	8	4	4	3	3	4	
10:00 PM			2	4	1	2	3	0	2	
11:00 PM			1	0	0	0	2	0	1	
Day Total			128	133	126	129	88	85	112	
% Weekday Average			99.2%	103.1%	97.7%					
% Week Average			114.3%	118.8%	112.5%	115.2%	78.6%	75.9%		
AM Peak Volume			8:00 AM 15	10:00 AM 13	9:00 AM 11	8:00 AM 10	10:00 AM 12	10:00 AM 5	10:00 AM 9	
PM Peak Volume			5:00 PM 15	4:00 PM 14	3:00 PM 15	3:00 PM 14	2:00 PM 12	4:00 PM 17	3:00 PM 11	

Comments:

Report generated on 2/5/2020 11:21 AM

SOURCE: Quality Counts, LLC (<http://www.qualitycounts.net>)

LOCATION: Wildwood Gardens Tube 1 East North Loop							QC JOB #: 15167801			
SPECIFIC LOCATION:							DIRECTION: EB			
CITY/STATE: Piedmont, CA							DATE: Jan 22 2020 - Jan 28 2020			
Start Time	Mon 27 Jan 20	Tue 28 Jan 20	Wed	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 AM	1	0				1			1	
01:00 AM	0	0				0			0	
02:00 AM	0	0				0			0	
03:00 AM	0	0				0			0	
04:00 AM	0	1				1			1	
05:00 AM	0	0				0			0	
06:00 AM	2	1				2			2	
07:00 AM	4	4				4			4	
08:00 AM	3	4				4			4	
09:00 AM	6	6				6			6	
10:00 AM	5	5				5			5	
11:00 AM	7	5				6			6	
12:00 PM	8	3				6			6	
01:00 PM	2	4				3			3	
02:00 PM	8	5				7			7	
03:00 PM	7	5				6			6	
04:00 PM	12	9				11			11	
05:00 PM	11	16				14			14	
06:00 PM	5	9				7			7	
07:00 PM	5	3				4			4	
08:00 PM	4	4				4			4	
09:00 PM	5	4				5			5	
10:00 PM	0	0				0			0	
11:00 PM	0	0				0			0	
Day Total	95	88				96			96	
% Weekday Average	99%	91.7%								
% Week Average	99%	91.7%				100%				
AM Peak Volume	11:00 AM 7	9:00 AM 6				9:00 AM 6			9:00 AM 6	
PM Peak Volume	4:00 PM 12	5:00 PM 16				5:00 PM 14			5:00 PM 14	

Comments:

Type of report: Tube Count - Volume Data

LOCATION: Wildwood Gardens Tube 1 East North Loop QC JOB #: 15167801										
SPECIFIC LOCATION: DIRECTION: EB, WB										
CITY/STATE: Piedmont, CA DATE: Jan 22 2020 - Jan 28 2020										
Start Time	Mon	Tue	Wed 22 Jan 20	Thu 23 Jan 20	Fri 24 Jan 20	Average Weekday Hourly Traffic	Sat 25 Jan 20	Sun 26 Jan 20	Average Week Hourly Traffic	Average Week Profile
12:00 AM			2	0	4	2	0	2	2	
01:00 AM			0	0	1	0	0	2	1	
02:00 AM			0	0	0	0	0	0	0	
03:00 AM			0	0	0	0	0	0	0	
04:00 AM			0	0	0	0	0	0	0	
05:00 AM			0	0	2	1	1	0	1	
06:00 AM			5	1	4	3	2	2	3	
07:00 AM			18	11	12	14	2	0	9	
08:00 AM			30	19	15	21	5	0	14	
09:00 AM			21	17	21	20	10	6	15	
10:00 AM			12	30	23	22	27	10	20	
11:00 AM			19	14	13	15	14	9	14	
12:00 PM			14	11	18	14	17	11	14	
01:00 PM			17	24	15	19	18	12	17	
02:00 PM			18	12	17	16	21	18	17	
03:00 PM			30	30	32	31	21	19	26	
04:00 PM			15	32	23	23	12	44	25	
05:00 PM			32	27	26	28	7	25	23	
06:00 PM			26	25	31	27	8	23	23	
07:00 PM			18	16	14	16	11	5	13	
08:00 PM			16	20	8	15	7	5	11	
09:00 PM			4	16	9	10	6	6	8	
10:00 PM			5	8	5	6	7	0	5	
11:00 PM			2	0	0	1	5	0	1	
Day Total			304	313	293	304	201	199	262	
% Weekday Average			100%	103%	96.4%					
% Week Average			116%	119.5%	111.8%	116%	76.7%	76%		
AM Peak Volume			8:00 AM 30	10:00 AM 30	10:00 AM 23	10:00 AM 22	10:00 AM 27	10:00 AM 10	10:00 AM 20	
PM Peak Volume			5:00 PM 32	4:00 PM 32	3:00 PM 32	3:00 PM 31	2:00 PM 21	4:00 PM 44	3:00 PM 26	

Comments:

Report generated on 2/5/2020 11:21 AM

SOURCE: Quality Counts, LLC (<http://www.qualitycounts.net>)

Type of report: Tube Count - Volume Data

LOCATION: Wildwood Gardens Tube 1 East North Loop							QC JOB #: 15167801			
SPECIFIC LOCATION:							DIRECTION: EB, WB			
CITY/STATE: Piedmont, CA							DATE: Jan 22 2020 - Jan 28 2020			
Start Time	Mon 27 Jan 20	Tue 28 Jan 20	Wed	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 AM	2	0				1			1	
01:00 AM	0	0				0			0	
02:00 AM	0	0				0			0	
03:00 AM	0	0				0			0	
04:00 AM	0	1				1			1	
05:00 AM	0	0				0			0	
06:00 AM	4	2				3			3	
07:00 AM	12	11				12			12	
08:00 AM	9	12				11			11	
09:00 AM	15	15				15			15	
10:00 AM	16	15				16			16	
11:00 AM	14	15				15			15	
12:00 PM	23	8				16			16	
01:00 PM	4	15				10			10	
02:00 PM	19	14				17			17	
03:00 PM	18	15				17			17	
04:00 PM	27	22				25			25	
05:00 PM	28	35				32			32	
06:00 PM	13	21				17			17	
07:00 PM	9	8				9			9	
08:00 PM	8	9				9			9	
09:00 PM	11	10				11			11	
10:00 PM	1	0				1			1	
11:00 PM	0	0				0			0	
Day Total	233	228				238			238	
% Weekday Average	97.9%	95.8%								
% Week Average	97.9%	95.8%				100%				
AM Peak Volume	10:00 AM 16	9:00 AM 15				10:00 AM 16			10:00 AM 16	
PM Peak Volume	5:00 PM 28	5:00 PM 35				5:00 PM 32			5:00 PM 32	

Comments:

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Type of report: Tube Count - Volume Data

LOCATION: Wildwood Gardens Tube 1 East North Loop										QC JOB #: 15167801
SPECIFIC LOCATION:										DIRECTION: WB
CITY/STATE: Piedmont, CA										DATE: Jan 22 2020 - Jan 28 2020
Start Time	Mon	Tue	Wed 22 Jan 20	Thu 23 Jan 20	Fri 24 Jan 20	Average Weekday Hourly Traffic	Sat 25 Jan 20	Sun 26 Jan 20	Average Week Hourly Traffic	Average Week Profile
12:00 AM			1	0	2	1	0	1	1	
01:00 AM			0	0	1	0	0	1	0	
02:00 AM			0	0	0	0	0	0	0	
03:00 AM			0	0	0	0	0	0	0	
04:00 AM			0	0	0	0	0	0	0	
05:00 AM			0	0	1	0	1	0	0	
06:00 AM			3	0	2	2	1	1	1	
07:00 AM			12	8	7	9	0	0	5	
08:00 AM			15	11	9	12	4	0	8	
09:00 AM			12	10	10	11	5	4	8	
10:00 AM			6	17	13	12	15	5	11	
11:00 AM			11	8	7	9	8	4	8	
12:00 PM			9	7	11	9	9	6	8	
01:00 PM			11	14	9	11	11	7	10	
02:00 PM			9	8	9	9	9	10	9	
03:00 PM			16	17	17	17	13	12	15	
04:00 PM			8	18	12	13	7	27	14	
05:00 PM			17	16	17	17	4	14	14	
06:00 PM			15	14	17	15	6	13	13	
07:00 PM			12	9	8	10	6	3	8	
08:00 PM			12	11	6	10	4	3	7	
09:00 PM			3	8	5	5	3	3	4	
10:00 PM			3	4	4	4	4	0	3	
11:00 PM			1	0	0	0	3	0	1	
Day Total			176	180	167	176	113	114	148	
% Weekday Average			100%	102.3%	94.9%					
% Week Average			118.9%	121.6%	112.8%	118.9%	76.4%	77%		
AM Peak Volume			8:00 AM 15	10:00 AM 17	10:00 AM 13	8:00 AM 12	10:00 AM 15	10:00 AM 5	10:00 AM 11	
PM Peak Volume			5:00 PM 17	4:00 PM 18	3:00 PM 17	3:00 PM 17	3:00 PM 13	4:00 PM 27	3:00 PM 15	

Comments:

Report generated on 2/5/2020 11:21 AM

SOURCE: Quality Counts, LLC (<http://www.qualitycounts.net>)

LOCATION: Wildwood Gardens Tube 1 East North Loop							QC JOB #: 15167801			
SPECIFIC LOCATION:							DIRECTION: WB			
CITY/STATE: Piedmont, CA							DATE: Jan 22 2020 - Jan 28 2020			
Start Time	Mon 27 Jan 20	Tue 28 Jan 20	Wed	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 AM	1	0				1			1	
01:00 AM	0	0				0			0	
02:00 AM	0	0				0			0	
03:00 AM	0	0				0			0	
04:00 AM	0	0				0			0	
05:00 AM	0	0				0			0	
06:00 AM	2	1				2			2	
07:00 AM	8	7				8			8	
08:00 AM	6	8				7			7	
09:00 AM	9	9				9			9	
10:00 AM	11	10				11			11	
11:00 AM	7	10				9			9	
12:00 PM	15	5				10			10	
01:00 PM	2	11				7			7	
02:00 PM	11	9				10			10	
03:00 PM	11	10				11			11	
04:00 PM	15	13				14			14	
05:00 PM	17	19				18			18	
06:00 PM	8	12				10			10	
07:00 PM	4	5				5			5	
08:00 PM	4	5				5			5	
09:00 PM	6	6				6			6	
10:00 PM	1	0				1			1	
11:00 PM	0	0				0			0	
Day Total	138	140				144			144	
% Weekday Average	95.8%	97.2%								
% Week Average	95.8%	97.2%				100%				
AM Peak Volume	10:00 AM 11	10:00 AM 10				10:00 AM 11			10:00 AM 11	
PM Peak Volume	5:00 PM 17	5:00 PM 19				5:00 PM 18			5:00 PM 18	

Comments:

Type of report: Tube Count - Volume Data

LOCATION: Wildwood Gardens Tube 2 East South Loop QC JOB #: 15167802										
SPECIFIC LOCATION: DIRECTION: EB										
CITY/STATE: Piedmont, CA DATE: Jan 22 2020 - Jan 28 2020										
Start Time	Mon	Tue	Wed 22 Jan 20	Thu 23 Jan 20	Fri 24 Jan 20	Average Weekday Hourly Traffic	Sat 25 Jan 20	Sun 26 Jan 20	Average Week Hourly Traffic	Average Week Profile
12:00 AM			0	0	1	0	0	0	0	
01:00 AM			0	0	1	0	0	0	0	
02:00 AM			0	0	0	0	0	0	0	
03:00 AM			0	0	0	0	0	0	0	
04:00 AM			0	0	0	0	0	1	0	
05:00 AM			0	0	0	0	2	0	0	
06:00 AM			4	4	3	4	2	1	3	
07:00 AM			17	11	17	15	2	2	10	
08:00 AM			21	15	21	19	9	8	15	
09:00 AM			13	16	24	18	9	10	14	
10:00 AM			19	26	16	20	13	14	18	
11:00 AM			8	14	10	11	12	11	11	
12:00 PM			13	19	11	14	10	9	12	
01:00 PM			11	7	17	12	12	7	11	
02:00 PM			15	10	8	11	17	10	12	
03:00 PM			14	16	11	14	11	11	13	
04:00 PM			14	15	5	11	11	13	12	
05:00 PM			14	12	17	14	7	15	13	
06:00 PM			17	19	11	16	8	13	14	
07:00 PM			7	8	6	7	8	5	7	
08:00 PM			3	5	4	4	7	3	4	
09:00 PM			2	9	5	5	2	1	4	
10:00 PM			4	3	5	4	2	1	3	
11:00 PM			0	0	2	1	5	0	1	
Day Total			196	209	195	200	149	135	177	
% Weekday Average			98%	104.5%	97.5%					
% Week Average			110.7%	118.1%	110.2%	113%	84.2%	76.3%		
AM Peak Volume			8:00 AM 21	10:00 AM 26	9:00 AM 24	10:00 AM 20	10:00 AM 13	10:00 AM 14	10:00 AM 18	
PM Peak Volume			6:00 PM 17	12:00 PM 19	1:00 PM 17	6:00 PM 16	2:00 PM 17	5:00 PM 15	6:00 PM 14	

Comments:

Report generated on 2/5/2020 11:21 AM

SOURCE: Quality Counts, LLC (<http://www.qualitycounts.net>)

LOCATION: Wildwood Gardens Tube 2 East South Loop							QC JOB #: 15167802			
SPECIFIC LOCATION:							DIRECTION: EB			
CITY/STATE: Piedmont, CA							DATE: Jan 22 2020 - Jan 28 2020			
Start Time	Mon 27 Jan 20	Tue 28 Jan 20	Wed	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 AM	1	0				1			1	
01:00 AM	0	0				0			0	
02:00 AM	0	0				0			0	
03:00 AM	0	0				0			0	
04:00 AM	0	2				1			1	
05:00 AM	1	1				1			1	
06:00 AM	4	6				5			5	
07:00 AM	13	15				14			14	
08:00 AM	16	17				17			17	
09:00 AM	16	16				16			16	
10:00 AM	17	11				14			14	
11:00 AM	8	10				9			9	
12:00 PM	11	6				9			9	
01:00 PM	11	9				10			10	
02:00 PM	9	12				11			11	
03:00 PM	18	14				16			16	
04:00 PM	4	15				10			10	
05:00 PM	14	12				13			13	
06:00 PM	11	8				10			10	
07:00 PM	4	6				5			5	
08:00 PM	2	5				4			4	
09:00 PM	6	3				5			5	
10:00 PM	1	0				1			1	
11:00 PM	1	2				2			2	
Day Total	168	170				174			174	
% Weekday Average	96.6%	97.7%								
% Week Average	96.6%	97.7%				100%				
AM Peak Volume	10:00 AM 17	8:00 AM 17				8:00 AM 17			8:00 AM 17	
PM Peak Volume	3:00 PM 18	4:00 PM 15				3:00 PM 16			3:00 PM 16	

Comments:

Type of report: Tube Count - Volume Data

LOCATION: Wildwood Gardens Tube 2 East South Loop QC JOB #: 15167802										
SPECIFIC LOCATION: DIRECTION: EB, WB										
CITY/STATE: Piedmont, CA DATE: Jan 22 2020 - Jan 28 2020										
Start Time	Mon	Tue	Wed 22 Jan 20	Thu 23 Jan 20	Fri 24 Jan 20	Average Weekday Hourly Traffic	Sat 25 Jan 20	Sun 26 Jan 20	Average Week Hourly Traffic	Average Week Profile
12:00 AM			0	0	2	1	0	0	0	
01:00 AM			0	0	2	1	0	0	0	
02:00 AM			0	0	0	0	0	0	0	
03:00 AM			0	0	0	0	0	0	0	
04:00 AM			0	0	0	0	0	2	0	
05:00 AM			0	0	0	0	4	0	1	
06:00 AM			9	9	6	8	4	2	6	
07:00 AM			34	23	34	30	4	4	20	
08:00 AM			42	30	41	38	18	16	29	
09:00 AM			28	34	47	36	18	20	29	
10:00 AM			39	46	32	39	25	28	34	
11:00 AM			19	29	20	23	23	22	23	
12:00 PM			28	38	21	29	20	18	25	
01:00 PM			22	14	34	23	23	13	21	
02:00 PM			31	20	16	22	34	20	24	
03:00 PM			28	31	22	27	21	22	25	
04:00 PM			29	30	10	23	22	26	23	
05:00 PM			27	24	34	28	14	30	26	
06:00 PM			35	38	22	32	16	26	27	
07:00 PM			16	16	12	15	16	10	14	
08:00 PM			6	10	8	8	14	6	9	
09:00 PM			7	18	10	12	4	2	8	
10:00 PM			8	6	10	8	4	2	6	
11:00 PM			0	0	4	1	9	0	3	
Day Total			408	416	387	404	293	269	353	
% Weekday Average			101%	103%	95.8%					
% Week Average			115.6%	117.8%	109.6%	114.4%	83%	76.2%		
AM Peak Volume			8:00 AM 42	10:00 AM 46	9:00 AM 47	10:00 AM 39	10:00 AM 25	10:00 AM 28	10:00 AM 34	
PM Peak Volume			6:00 PM 35	12:00 PM 38	1:00 PM 34	6:00 PM 32	2:00 PM 34	5:00 PM 30	6:00 PM 27	

Comments:

Report generated on 2/5/2020 11:21 AM

SOURCE: Quality Counts, LLC (<http://www.qualitycounts.net>)

LOCATION: Wildwood Gardens Tube 2 East South Loop							QC JOB #: 15167802			
SPECIFIC LOCATION:							DIRECTION: EB, WB			
CITY/STATE: Piedmont, CA							DATE: Jan 22 2020 - Jan 28 2020			
Start Time	Mon 27 Jan 20	Tue 28 Jan 20	Wed	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 AM	2	0				1			1	
01:00 AM	0	0				0			0	
02:00 AM	0	0				0			0	
03:00 AM	0	0				0			0	
04:00 AM	0	4				2			2	
05:00 AM	2	2				2			2	
06:00 AM	8	12				10			10	
07:00 AM	26	28				27			27	
08:00 AM	31	34				33			33	
09:00 AM	31	32				32			32	
10:00 AM	34	22				28			28	
11:00 AM	16	20				18			18	
12:00 PM	21	12				17			17	
01:00 PM	22	17				20			20	
02:00 PM	18	23				21			21	
03:00 PM	36	28				32			32	
04:00 PM	8	29				19			19	
05:00 PM	27	24				26			26	
06:00 PM	22	16				19			19	
07:00 PM	8	12				10			10	
08:00 PM	3	10				7			7	
09:00 PM	12	6				9			9	
10:00 PM	2	0				1			1	
11:00 PM	2	4				3			3	
Day Total	331	335				337			337	
% Weekday Average	98.2%	99.4%								
% Week Average	98.2%	99.4%				100%				
AM Peak Volume	10:00 AM 34	8:00 AM 34				8:00 AM 33			8:00 AM 33	
PM Peak Volume	3:00 PM 36	4:00 PM 29				3:00 PM 32			3:00 PM 32	

Comments:

Type of report: Tube Count - Volume Data

LOCATION: Wildwood Gardens Tube 2 East South Loop										QC JOB #: 15167802
SPECIFIC LOCATION:										DIRECTION: WB
CITY/STATE: Piedmont, CA										DATE: Jan 22 2020 - Jan 28 2020
Start Time	Mon	Tue	Wed 22 Jan 20	Thu 23 Jan 20	Fri 24 Jan 20	Average Weekday Hourly Traffic	Sat 25 Jan 20	Sun 26 Jan 20	Average Week Hourly Traffic	Average Week Profile
12:00 AM			0	0	1	0	0	0	0	
01:00 AM			0	0	1	0	0	0	0	
02:00 AM			0	0	0	0	0	0	0	
03:00 AM			0	0	0	0	0	0	0	
04:00 AM			0	0	0	0	0	1	0	
05:00 AM			0	0	0	0	2	0	0	
06:00 AM			5	5	3	4	2	1	3	
07:00 AM			17	12	17	15	2	2	10	
08:00 AM			21	15	20	19	9	8	15	
09:00 AM			15	18	23	19	9	10	15	
10:00 AM			20	20	16	19	12	14	16	
11:00 AM			11	15	10	12	11	11	12	
12:00 PM			15	19	10	15	10	9	13	
01:00 PM			11	7	17	12	11	6	10	
02:00 PM			16	10	8	11	17	10	12	
03:00 PM			14	15	11	13	10	11	12	
04:00 PM			15	15	5	12	11	13	12	
05:00 PM			13	12	17	14	7	15	13	
06:00 PM			18	19	11	16	8	13	14	
07:00 PM			9	8	6	8	8	5	7	
08:00 PM			3	5	4	4	7	3	4	
09:00 PM			5	9	5	6	2	1	4	
10:00 PM			4	3	5	4	2	1	3	
11:00 PM			0	0	2	1	4	0	1	
Day Total			212	207	192	204	144	134	176	
% Weekday Average			103.9%	101.5%	94.1%					
% Week Average			120.5%	117.6%	109.1%	115.9%	81.8%	76.1%		
AM Peak Volume			8:00 AM 21	10:00 AM 20	9:00 AM 23	8:00 AM 19	10:00 AM 12	10:00 AM 14	10:00 AM 16	
PM Peak Volume			6:00 PM 18	12:00 PM 19	1:00 PM 17	6:00 PM 16	2:00 PM 17	5:00 PM 15	6:00 PM 14	

Comments:

Report generated on 2/5/2020 11:21 AM

SOURCE: Quality Counts, LLC (<http://www.qualitycounts.net>)

LOCATION: Wildwood Gardens Tube 2 East South Loop							QC JOB #: 15167802			
SPECIFIC LOCATION:							DIRECTION: WB			
CITY/STATE: Piedmont, CA							DATE: Jan 22 2020 - Jan 28 2020			
Start Time	Mon 27 Jan 20	Tue 28 Jan 20	Wed	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 AM	1	0				1			1	
01:00 AM	0	0				0			0	
02:00 AM	0	0				0			0	
03:00 AM	0	0				0			0	
04:00 AM	0	2				1			1	
05:00 AM	1	1				1			1	
06:00 AM	4	6				5			5	
07:00 AM	13	13				13			13	
08:00 AM	15	17				16			16	
09:00 AM	15	16				16			16	
10:00 AM	17	11				14			14	
11:00 AM	8	10				9			9	
12:00 PM	10	6				8			8	
01:00 PM	11	8				10			10	
02:00 PM	9	11				10			10	
03:00 PM	18	14				16			16	
04:00 PM	4	14				9			9	
05:00 PM	13	12				13			13	
06:00 PM	11	8				10			10	
07:00 PM	4	6				5			5	
08:00 PM	1	5				3			3	
09:00 PM	6	3				5			5	
10:00 PM	1	0				1			1	
11:00 PM	1	2				2			2	
Day Total	163	165				168			168	
% Weekday Average	97%	98.2%								
% Week Average	97%	98.2%				100%				
AM Peak Volume	10:00 AM 17	8:00 AM 17				8:00 AM 16			8:00 AM 16	
PM Peak Volume	3:00 PM 18	3:00 PM 14				3:00 PM 16			3:00 PM 16	

Comments:

Type of report: Tube Count - Volume Data

LOCATION: Wildwood Gardens Tube 3 West North Loop										QC JOB #: 15167803
SPECIFIC LOCATION:										DIRECTION: EB
CITY/STATE: Piedmont, CA										DATE: Jan 22 2020 - Jan 28 2020
Start Time	Mon	Tue	Wed 22 Jan 20	Thu 23 Jan 20	Fri 24 Jan 20	Average Weekday Hourly Traffic	Sat 25 Jan 20	Sun 26 Jan 20	Average Week Hourly Traffic	Average Week Profile
12:00 AM			1	0	1	1	0	0	0	
01:00 AM			0	0	0	0	0	1	0	
02:00 AM			0	0	0	0	0	0	0	
03:00 AM			0	0	0	0	0	0	0	
04:00 AM			0	0	0	0	0	0	0	
05:00 AM			0	0	0	0	0	0	0	
06:00 AM			3	1	0	1	1	1	1	
07:00 AM			11	5	8	8	0	1	5	
08:00 AM			17	9	7	11	2	0	7	
09:00 AM			14	2	8	8	2	3	6	
10:00 AM			5	9	3	6	7	2	5	
11:00 AM			5	4	5	5	5	4	5	
12:00 PM			5	4	2	4	8	3	4	
01:00 PM			8	5	5	6	5	3	5	
02:00 PM			3	5	4	4	9	3	5	
03:00 PM			11	8	5	8	3	10	7	
04:00 PM			8	8	7	8	5	24	10	
05:00 PM			8	8	15	10	3	12	9	
06:00 PM			11	7	4	7	4	11	7	
07:00 PM			6	2	8	5	3	1	4	
08:00 PM			11	1	5	6	3	3	5	
09:00 PM			1	4	5	3	1	1	2	
10:00 PM			1	0	0	0	3	0	1	
11:00 PM			0	0	0	0	1	0	0	
Day Total			129	82	92	101	65	83	88	
% Weekday Average			127.7%	81.2%	91.1%					
% Week Average			146.6%	93.2%	104.5%	114.8%	73.9%	94.3%		
AM Peak Volume			8:00 AM 17	8:00 AM 9	7:00 AM 8	8:00 AM 11	10:00 AM 7	11:00 AM 4	8:00 AM 7	
PM Peak Volume			3:00 PM 11	3:00 PM 8	5:00 PM 15	5:00 PM 10	2:00 PM 9	4:00 PM 24	4:00 PM 10	

Comments:

Report generated on 2/5/2020 11:21 AM

SOURCE: Quality Counts, LLC (<http://www.qualitycounts.net>)

LOCATION: Wildwood Gardens Tube 3 West North Loop							QC JOB #: 15167803			
SPECIFIC LOCATION:							DIRECTION: EB			
CITY/STATE: Piedmont, CA							DATE: Jan 22 2020 - Jan 28 2020			
Start Time	Mon 27 Jan 20	Tue 28 Jan 20	Wed	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 AM	1	0				1			1	
01:00 AM	0	0				0			0	
02:00 AM	0	0				0			0	
03:00 AM	0	0				0			0	
04:00 AM	0	1				1			1	
05:00 AM	0	0				0			0	
06:00 AM	2	1				2			2	
07:00 AM	5	5				5			5	
08:00 AM	4	5				5			5	
09:00 AM	4	2				3			3	
10:00 AM	9	2				6			6	
11:00 AM	3	7				5			5	
12:00 PM	3	0				2			2	
01:00 PM	1	11				6			6	
02:00 PM	8	4				6			6	
03:00 PM	9	4				7			7	
04:00 PM	9	4				7			7	
05:00 PM	6	9				8			8	
06:00 PM	7	4				6			6	
07:00 PM	4	1				3			3	
08:00 PM	2	4				3			3	
09:00 PM	3	2				3			3	
10:00 PM	0	0				0			0	
11:00 PM	0	0				0			0	
Day Total	80	66				79			79	
% Weekday Average	101.3%	83.5%								
% Week Average	101.3%	83.5%				100%				
AM Peak Volume	10:00 AM 9	11:00 AM 7				10:00 AM 6			10:00 AM 6	
PM Peak Volume	3:00 PM 9	1:00 PM 11				5:00 PM 8			5:00 PM 8	

Comments:

Type of report: Tube Count - Volume Data

LOCATION: Wildwood Gardens Tube 3 West North Loop QC JOB #: 15167803										
SPECIFIC LOCATION: DIRECTION: EB, WB										
CITY/STATE: Piedmont, CA DATE: Jan 22 2020 - Jan 28 2020										
Start Time	Mon	Tue	Wed 22 Jan 20	Thu 23 Jan 20	Fri 24 Jan 20	Average Weekday Hourly Traffic	Sat 25 Jan 20	Sun 26 Jan 20	Average Week Hourly Traffic	Average Week Profile
12:00 AM			2	0	2	1	0	0	1	
01:00 AM			0	0	0	0	0	2	0	
02:00 AM			0	0	0	0	0	0	0	
03:00 AM			0	0	0	0	0	0	0	
04:00 AM			0	0	0	0	0	0	0	
05:00 AM			0	0	0	0	0	0	0	
06:00 AM			6	2	0	3	2	2	2	
07:00 AM			22	10	18	17	0	2	10	
08:00 AM			34	15	14	21	4	0	13	
09:00 AM			27	4	16	16	4	6	11	
10:00 AM			11	18	7	12	15	5	11	
11:00 AM			12	10	12	11	10	8	10	
12:00 PM			12	11	8	10	15	7	11	
01:00 PM			16	11	11	13	12	7	11	
02:00 PM			6	8	7	7	15	7	9	
03:00 PM			22	16	10	16	8	23	16	
04:00 PM			17	16	14	16	10	48	21	
05:00 PM			17	17	33	22	8	24	20	
06:00 PM			24	14	9	16	9	21	15	
07:00 PM			12	4	16	11	6	2	8	
08:00 PM			21	2	11	11	6	7	9	
09:00 PM			3	8	10	7	2	2	5	
10:00 PM			2	0	2	1	6	0	2	
11:00 PM			0	0	0	0	3	0	1	
Day Total			266	166	200	211	135	173	186	
% Weekday Average			126.1%	78.7%	94.8%					
% Week Average			143%	89.2%	107.5%	113.4%	72.6%	93%		
AM Peak Volume			8:00 AM 34	10:00 AM 18	7:00 AM 18	8:00 AM 21	10:00 AM 15	11:00 AM 8	8:00 AM 13	
PM Peak Volume			6:00 PM 24	5:00 PM 17	5:00 PM 33	5:00 PM 22	12:00 PM 15	4:00 PM 48	4:00 PM 21	

Comments:

Report generated on 2/5/2020 11:21 AM

SOURCE: Quality Counts, LLC (<http://www.qualitycounts.net>)

LOCATION: Wildwood Gardens Tube 3 West North Loop							QC JOB #: 15167803			
SPECIFIC LOCATION:							DIRECTION: EB, WB			
CITY/STATE: Piedmont, CA							DATE: Jan 22 2020 - Jan 28 2020			
Start Time	Mon 27 Jan 20	Tue 28 Jan 20	Wed	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 AM	2	0				1			1	
01:00 AM	0	0				0			0	
02:00 AM	0	0				0			0	
03:00 AM	0	0				0			0	
04:00 AM	0	2				1			1	
05:00 AM	0	0				0			0	
06:00 AM	3	2				3			3	
07:00 AM	8	12				10			10	
08:00 AM	9	12				11			11	
09:00 AM	8	5				7			7	
10:00 AM	20	5				13			13	
11:00 AM	6	14				10			10	
12:00 PM	8	1				5			5	
01:00 PM	2	21				12			12	
02:00 PM	16	9				13			13	
03:00 PM	19	11				15			15	
04:00 PM	18	11				15			15	
05:00 PM	13	18				16			16	
06:00 PM	14	10				12			12	
07:00 PM	9	3				6			6	
08:00 PM	3	8				6			6	
09:00 PM	6	4				5			5	
10:00 PM	0	0				0			0	
11:00 PM	0	0				0			0	
Day Total	164	148				161			161	
% Weekday Average	101.9%	91.9%								
% Week Average	101.9%	91.9%				100%				
AM Peak Volume	10:00 AM 20	11:00 AM 14				10:00 AM 13			10:00 AM 13	
PM Peak Volume	3:00 PM 19	1:00 PM 21				5:00 PM 16			5:00 PM 16	

Comments:

Type of report: Tube Count - Volume Data

LOCATION: Wildwood Gardens Tube 3 West North Loop										QC JOB #: 15167803
SPECIFIC LOCATION:										DIRECTION: WB
CITY/STATE: Piedmont, CA										DATE: Jan 22 2020 - Jan 28 2020
Start Time	Mon	Tue	Wed 22 Jan 20	Thu 23 Jan 20	Fri 24 Jan 20	Average Weekday Hourly Traffic	Sat 25 Jan 20	Sun 26 Jan 20	Average Week Hourly Traffic	Average Week Profile
12:00 AM			1	0	1	1	0	0	0	
01:00 AM			0	0	0	0	0	1	0	
02:00 AM			0	0	0	0	0	0	0	
03:00 AM			0	0	0	0	0	0	0	
04:00 AM			0	0	0	0	0	0	0	
05:00 AM			0	0	0	0	0	0	0	
06:00 AM			3	1	0	1	1	1	1	
07:00 AM			11	5	10	9	0	1	5	
08:00 AM			17	6	7	10	2	0	6	
09:00 AM			13	2	8	8	2	3	6	
10:00 AM			6	9	4	6	8	3	6	
11:00 AM			7	6	7	7	5	4	6	
12:00 PM			7	7	6	7	7	4	6	
01:00 PM			8	6	6	7	7	4	6	
02:00 PM			3	3	3	3	6	4	4	
03:00 PM			11	8	5	8	5	13	8	
04:00 PM			9	8	7	8	5	24	11	
05:00 PM			9	9	18	12	5	12	11	
06:00 PM			13	7	5	8	5	10	8	
07:00 PM			6	2	8	5	3	1	4	
08:00 PM			10	1	6	6	3	4	5	
09:00 PM			2	4	5	4	1	1	3	
10:00 PM			1	0	2	1	3	0	1	
11:00 PM			0	0	0	0	2	0	0	
Day Total			137	84	108	111	70	90	97	
% Weekday Average			123.4%	75.7%	97.3%					
% Week Average			141.2%	86.6%	111.3%	114.4%	72.2%	92.8%		
AM Peak Volume			8:00 AM 17	10:00 AM 9	7:00 AM 10	8:00 AM 10	10:00 AM 8	11:00 AM 4	8:00 AM 6	
PM Peak Volume			6:00 PM 13	5:00 PM 9	5:00 PM 18	5:00 PM 12	12:00 PM 7	4:00 PM 24	4:00 PM 11	

Comments:

Report generated on 2/5/2020 11:21 AM

SOURCE: Quality Counts, LLC (<http://www.qualitycounts.net>)

LOCATION: Wildwood Gardens Tube 3 West North Loop							QC JOB #: 15167803			
SPECIFIC LOCATION:							DIRECTION: WB			
CITY/STATE: Piedmont, CA							DATE: Jan 22 2020 - Jan 28 2020			
Start Time	Mon 27 Jan 20	Tue 28 Jan 20	Wed	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 AM	1	0				1			1	
01:00 AM	0	0				0			0	
02:00 AM	0	0				0			0	
03:00 AM	0	0				0			0	
04:00 AM	0	1				1			1	
05:00 AM	0	0				0			0	
06:00 AM	1	1				1			1	
07:00 AM	3	7				5			5	
08:00 AM	5	7				6			6	
09:00 AM	4	3				4			4	
10:00 AM	11	3				7			7	
11:00 AM	3	7				5			5	
12:00 PM	5	1				3			3	
01:00 PM	1	10				6			6	
02:00 PM	8	5				7			7	
03:00 PM	10	7				9			9	
04:00 PM	9	7				8			8	
05:00 PM	7	9				8			8	
06:00 PM	7	6				7			7	
07:00 PM	5	2				4			4	
08:00 PM	1	4				3			3	
09:00 PM	3	2				3			3	
10:00 PM	0	0				0			0	
11:00 PM	0	0				0			0	
Day Total	84	82				88			88	
% Weekday Average	95.5%	93.2%								
% Week Average	95.5%	93.2%				100%				
AM Peak Volume	10:00 AM 11	7:00 AM 7				10:00 AM 7			10:00 AM 7	
PM Peak Volume	3:00 PM 10	1:00 PM 10				3:00 PM 9			3:00 PM 9	

Comments:

Type of report: Tube Count - Volume Data

LOCATION: Wildwood Gardens Tube 4 West South Loop										QC JOB #: 15167804
SPECIFIC LOCATION:										DIRECTION: EB
CITY/STATE: Piedmont, CA										DATE: Jan 22 2020 - Jan 28 2020
Start Time	Mon	Tue	Wed 22 Jan 20	Thu 23 Jan 20	Fri 24 Jan 20	Average Weekday Hourly Traffic	Sat 25 Jan 20	Sun 26 Jan 20	Average Week Hourly Traffic	Average Week Profile
12:00 AM			0	0	1	0	0	0	0	
01:00 AM			0	0	0	0	0	0	0	
02:00 AM			0	0	0	0	0	0	0	
03:00 AM			0	0	0	0	0	0	0	
04:00 AM			0	0	0	0	0	0	0	
05:00 AM			0	0	0	0	0	0	0	
06:00 AM			2	1	2	2	0	0	1	
07:00 AM			14	7	8	10	1	0	6	
08:00 AM			18	8	9	12	4	1	8	
09:00 AM			9	7	12	9	2	4	7	
10:00 AM			9	6	3	6	7	6	6	
11:00 AM			8	9	7	8	6	3	7	
12:00 PM			9	8	5	7	4	3	6	
01:00 PM			8	5	4	6	5	2	5	
02:00 PM			4	5	6	5	9	4	6	
03:00 PM			12	7	7	9	2	9	7	
04:00 PM			11	10	3	8	4	23	10	
05:00 PM			3	5	14	7	5	9	7	
06:00 PM			10	4	3	6	3	8	6	
07:00 PM			2	0	3	2	1	2	2	
08:00 PM			3	1	6	3	3	3	3	
09:00 PM			3	3	3	3	1	1	2	
10:00 PM			4	0	3	2	2	0	2	
11:00 PM			0	0	0	0	3	0	1	
Day Total			129	86	99	105	62	78	92	
% Weekday Average			122.9%	81.9%	94.3%					
% Week Average			140.2%	93.5%	107.6%	114.1%	67.4%	84.8%		
AM Peak Volume			8:00 AM 18	11:00 AM 9	9:00 AM 12	8:00 AM 12	10:00 AM 7	10:00 AM 6	8:00 AM 8	
PM Peak Volume			3:00 PM 12	4:00 PM 10	5:00 PM 14	3:00 PM 9	2:00 PM 9	4:00 PM 23	4:00 PM 10	

Comments:

Report generated on 2/5/2020 11:21 AM

SOURCE: Quality Counts, LLC (<http://www.qualitycounts.net>)

LOCATION: Wildwood Gardens Tube 4 West South Loop							QC JOB #: 15167804			
SPECIFIC LOCATION:							DIRECTION: EB			
CITY/STATE: Piedmont, CA							DATE: Jan 22 2020 - Jan 28 2020			
Start Time	Mon 27 Jan 20	Tue 28 Jan 20	Wed	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 AM	1	0				1			1	
01:00 AM	0	0				0			0	
02:00 AM	0	0				0			0	
03:00 AM	0	0				0			0	
04:00 AM	0	1				1			1	
05:00 AM	0	0				0			0	
06:00 AM	2	4				3			3	
07:00 AM	5	5				5			5	
08:00 AM	6	13				10			10	
09:00 AM	8	4				6			6	
10:00 AM	8	8				8			8	
11:00 AM	6	3				5			5	
12:00 PM	6	3				5			5	
01:00 PM	6	8				7			7	
02:00 PM	5	5				5			5	
03:00 PM	7	8				8			8	
04:00 PM	4	8				6			6	
05:00 PM	7	3				5			5	
06:00 PM	5	2				4			4	
07:00 PM	3	0				2			2	
08:00 PM	1	4				3			3	
09:00 PM	2	0				1			1	
10:00 PM	0	0				0			0	
11:00 PM	0	0				0			0	
Day Total	82	79				85			85	
% Weekday Average	96.5%	92.9%								
% Week Average	96.5%	92.9%				100%				
AM Peak Volume	9:00 AM 8	8:00 AM 13				8:00 AM 10			8:00 AM 10	
PM Peak Volume	3:00 PM 7	1:00 PM 8				3:00 PM 8			3:00 PM 8	

Comments:

Type of report: Tube Count - Volume Data

LOCATION: Wildwood Gardens Tube 4 West South Loop QC JOB #: 15167804										
SPECIFIC LOCATION: DIRECTION: EB, WB										
CITY/STATE: Piedmont, CA DATE: Jan 22 2020 - Jan 28 2020										
Start Time	Mon	Tue	Wed 22 Jan 20	Thu 23 Jan 20	Fri 24 Jan 20	Average Weekday Hourly Traffic	Sat 25 Jan 20	Sun 26 Jan 20	Average Week Hourly Traffic	Average Week Profile
12:00 AM			0	0	2	1	0	0	0	
01:00 AM			0	0	0	0	0	0	0	
02:00 AM			0	0	0	0	0	0	0	
03:00 AM			0	0	0	0	0	0	0	
04:00 AM			0	0	0	0	0	0	0	
05:00 AM			0	0	0	0	0	1	0	
06:00 AM			4	2	3	3	1	0	2	
07:00 AM			26	14	17	19	2	0	12	
08:00 AM			35	14	17	22	9	1	15	
09:00 AM			17	14	22	18	4	6	13	
10:00 AM			17	11	6	11	12	9	11	
11:00 AM			16	16	14	15	10	5	12	
12:00 PM			15	14	6	12	7	5	9	
01:00 PM			15	9	8	11	7	2	8	
02:00 PM			7	9	12	9	16	8	10	
03:00 PM			22	11	13	15	3	18	13	
04:00 PM			20	18	6	15	7	43	19	
05:00 PM			6	9	25	13	9	15	13	
06:00 PM			19	7	6	11	6	14	10	
07:00 PM			3	0	6	3	1	4	3	
08:00 PM			6	2	9	6	6	5	6	
09:00 PM			4	5	6	5	2	2	4	
10:00 PM			8	0	5	4	4	0	3	
11:00 PM			0	0	0	0	6	0	1	
Day Total			240	155	183	193	112	138	164	
% Weekday Average			124.4%	80.3%	94.8%					
% Week Average			146.3%	94.5%	111.6%	117.7%	68.3%	84.1%		
AM Peak Volume			8:00 AM 35	11:00 AM 16	9:00 AM 22	8:00 AM 22	10:00 AM 12	10:00 AM 9	8:00 AM 15	
PM Peak Volume			3:00 PM 22	4:00 PM 18	5:00 PM 25	3:00 PM 15	2:00 PM 16	4:00 PM 43	4:00 PM 19	

Comments:

Report generated on 2/5/2020 11:21 AM

SOURCE: Quality Counts, LLC (<http://www.qualitycounts.net>)

LOCATION: Wildwood Gardens Tube 4 West South Loop							QC JOB #: 15167804			
SPECIFIC LOCATION:							DIRECTION: EB, WB			
CITY/STATE: Piedmont, CA							DATE: Jan 22 2020 - Jan 28 2020			
Start Time	Mon 27 Jan 20	Tue 28 Jan 20	Wed	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 AM	2	0				1			1	
01:00 AM	0	0				0			0	
02:00 AM	0	0				0			0	
03:00 AM	0	0				0			0	
04:00 AM	0	3				2			2	
05:00 AM	0	0				0			0	
06:00 AM	5	8				7			7	
07:00 AM	10	10				10			10	
08:00 AM	11	22				17			17	
09:00 AM	15	6				11			11	
10:00 AM	15	12				14			14	
11:00 AM	9	7				8			8	
12:00 PM	10	6				8			8	
01:00 PM	10	15				13			13	
02:00 PM	9	9				9			9	
03:00 PM	15	14				15			15	
04:00 PM	5	11				8			8	
05:00 PM	11	6				9			9	
06:00 PM	8	4				6			6	
07:00 PM	6	0				3			3	
08:00 PM	1	8				5			5	
09:00 PM	4	0				2			2	
10:00 PM	0	0				0			0	
11:00 PM	0	0				0			0	
Day Total	146	141				148			148	
% Weekday Average	98.6%	95.3%								
% Week Average	98.6%	95.3%				100%				
AM Peak Volume	9:00 AM 15	8:00 AM 22				8:00 AM 17			8:00 AM 17	
PM Peak Volume	3:00 PM 15	1:00 PM 15				3:00 PM 15			3:00 PM 15	

Comments:

LOCATION: Wildwood Gardens Tube 4 West South Loop										QC JOB #: 15167804
SPECIFIC LOCATION:										DIRECTION: WB
CITY/STATE: Piedmont, CA										DATE: Jan 22 2020 - Jan 28 2020
Start Time	Mon	Tue	Wed 22 Jan 20	Thu 23 Jan 20	Fri 24 Jan 20	Average Weekday Hourly Traffic	Sat 25 Jan 20	Sun 26 Jan 20	Average Week Hourly Traffic	Average Week Profile
12:00 AM			0	0	1	0	0	0	0	
01:00 AM			0	0	0	0	0	0	0	
02:00 AM			0	0	0	0	0	0	0	
03:00 AM			0	0	0	0	0	0	0	
04:00 AM			0	0	0	0	0	0	0	
05:00 AM			0	0	0	0	0	1	0	
06:00 AM			2	1	1	1	1	0	1	
07:00 AM			12	7	9	9	1	0	6	
08:00 AM			17	6	8	10	5	0	7	
09:00 AM			8	7	10	8	2	2	6	
10:00 AM			8	5	3	5	5	3	5	
11:00 AM			8	7	7	7	4	2	6	
12:00 PM			6	6	1	4	3	2	4	
01:00 PM			7	4	4	5	2	0	3	
02:00 PM			3	4	6	4	7	4	5	
03:00 PM			10	4	6	7	1	9	6	
04:00 PM			9	8	3	7	3	20	9	
05:00 PM			3	4	11	6	4	6	6	
06:00 PM			9	3	3	5	3	6	5	
07:00 PM			1	0	3	1	0	2	1	
08:00 PM			3	1	3	2	3	2	2	
09:00 PM			1	2	3	2	1	1	2	
10:00 PM			4	0	2	2	2	0	2	
11:00 PM			0	0	0	0	3	0	1	
Day Total			111	69	84	85	50	60	77	
% Weekday Average			130.6%	81.2%	98.8%					
% Week Average			144.2%	89.6%	109.1%	110.4%	64.9%	77.9%		
AM Peak Volume			8:00 AM 17	7:00 AM 7	9:00 AM 10	8:00 AM 10	8:00 AM 5	10:00 AM 3	8:00 AM 7	
PM Peak Volume			3:00 PM 10	4:00 PM 8	5:00 PM 11	3:00 PM 7	2:00 PM 7	4:00 PM 20	4:00 PM 9	

Comments:

LOCATION: Wildwood Gardens Tube 4 West South Loop							QC JOB #: 15167804			
SPECIFIC LOCATION:							DIRECTION: WB			
CITY/STATE: Piedmont, CA							DATE: Jan 22 2020 - Jan 28 2020			
Start Time	Mon 27 Jan 20	Tue 28 Jan 20	Wed	Thu	Fri	Average Weekday Hourly Traffic	Sat	Sun	Average Week Hourly Traffic	Average Week Profile
12:00 AM	1	0				1			1	
01:00 AM	0	0				0			0	
02:00 AM	0	0				0			0	
03:00 AM	0	0				0			0	
04:00 AM	0	2				1			1	
05:00 AM	0	0				0			0	
06:00 AM	3	4				4			4	
07:00 AM	5	5				5			5	
08:00 AM	5	9				7			7	
09:00 AM	7	2				5			5	
10:00 AM	7	4				6			6	
11:00 AM	3	4				4			4	
12:00 PM	4	3				4			4	
01:00 PM	4	7				6			6	
02:00 PM	4	4				4			4	
03:00 PM	8	6				7			7	
04:00 PM	1	3				2			2	
05:00 PM	4	3				4			4	
06:00 PM	3	2				3			3	
07:00 PM	3	0				2			2	
08:00 PM	0	4				2			2	
09:00 PM	2	0				1			1	
10:00 PM	0	0				0			0	
11:00 PM	0	0				0			0	
Day Total	64	62				68			68	
% Weekday Average	94.1%	91.2%								
% Week Average	94.1%	91.2%				100%				
AM Peak Volume	9:00 AM 7	8:00 AM 9				8:00 AM 7			8:00 AM 7	
PM Peak Volume	3:00 PM 8	1:00 PM 7				3:00 PM 7			3:00 PM 7	

Comments: