APPENDIX I TRAFFIC IMPACT ANALYSIS

HEXAGON TRANSPORTATION CONSULTANTS, INC.

Memorandum

Date:	February 25, 2022
То:	Rebecca Auld, Lamphier-Gregory
From:	Kai-Ling Kuo, Jocelyn Lee
Subject:	Transportation Analysis for the Proposed Stanford University Housing Project on Alpine Road in Portola Valley, California

Hexagon Transportation Consultants, Inc. has completed this transportation analysis for the proposed Stanford University Housing Project on Alpine Road in Portola Valley, California (see Figure 1). The project is located approximately 1,000 feet south of the Alpine Road/Westridge Drive intersection on the west side of Alpine Road. The proposed project comprises 27 single-family homes and 12 below-market rate (BMR) units within three buildings on an approximately 6-acre site. The project would be accessed via two full access driveways on Alpine Road (see Figure 2).

This study was conducted for the purpose of identifying the potential transportation impacts related to the proposed development and to satisfy the requirements of the California Environmental Quality Act (CEQA) and the Town of Portola Valley. Per California Senate Bill 743 (SB743) and CEQA Guidelines, the study includes a vehicle miles traveled (VMT) analysis. The study also evaluates the effects of the development on site access, circulation, pedestrian and bicycle access, and transit services, as well as the traffic operational effects of the development on the surrounding roadway network.

Vehicle Miles Traveled (VMT) Analysis

Per California Senate Bill 743, the California Natural Resources Agency, with assistance from the Governor's Office of Planning and Research (OPR), adopted new CEQA guidelines in December 2018. The new guidelines state that automobile delay, as measured by level of service (LOS), will no longer constitute a significant environmental impact under CEQA, and that VMT is considered the most appropriate metric to evaluate a project's transportation impacts. The new guidelines became effective July 1, 2020. The legislation is intended to promote infill development, a diversity of land uses, transit, active transportation modes while reducing greenhouse gas emissions. OPR recommends the following threshold for residential projects:

"A proposed project exceeding a level of 15 percent below existing VMT per capita may indicate a significant transportation impact. Existing VMT per capita may be measured as regional VMT per capita or a city VMT per capita."

Lead agencies have the discretion to choose the VMT analysis methodology and to set or apply their own thresholds of significance different from OPRs guidance. Otherwise, as in Portola Valley and therefore for this project, OPR's Technical Advisory on Evaluating Transportation Impacts in CEQA (December 2018, as detailed above) can be used.













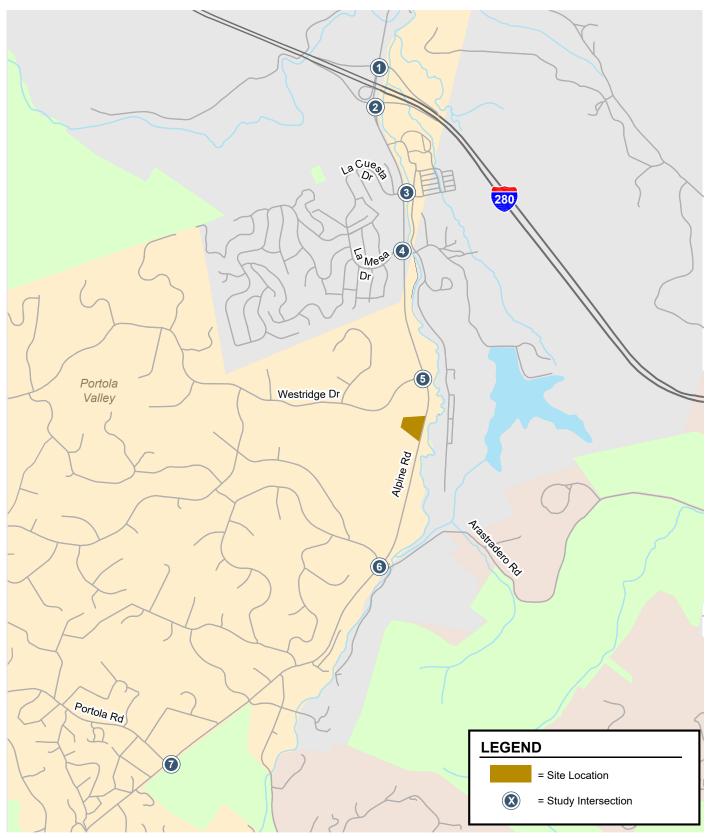
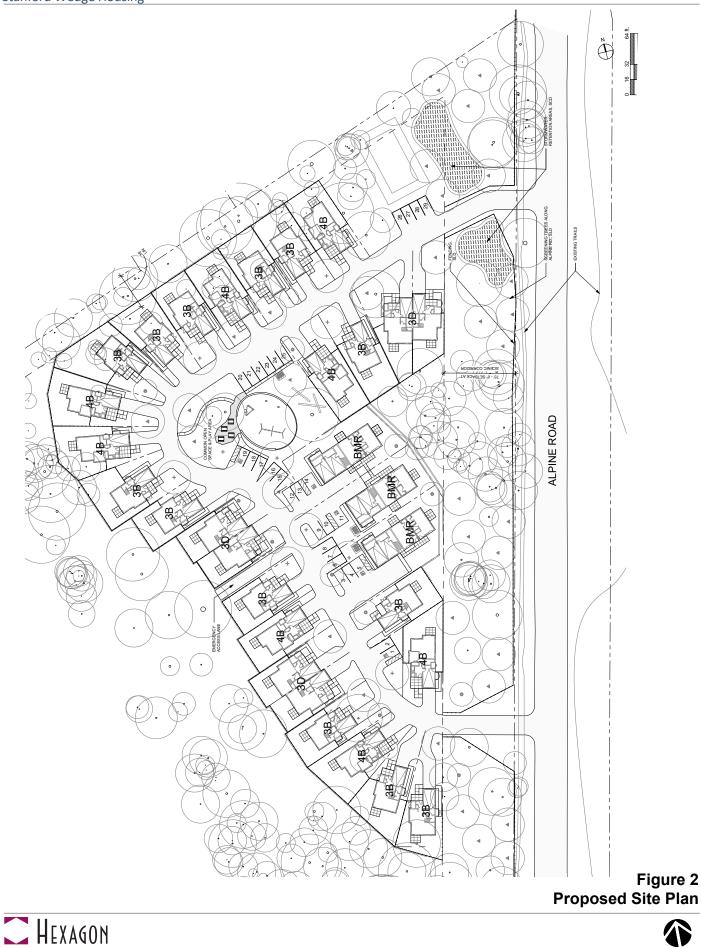


Figure 1 Site Location and Study Intersections









The VMT analysis for the project was conducted by comparing the daily VMT estimated for the proposed development to the average VMT for the Town of Portola Valley. The OPR's Technical Advisory on Evaluating Transportation Impacts in CEQA states that "Existing VMT per capita may be measured as regional VMT per capita or as city VMT per capita." Therefore, the advisory allows for assessment using regional or city VMT averages. In practice, this allows for cities with high relative VMT, which is the case in Portola Valley, to use this as a mechanism to encourage reductions against their own averages. (Conversely, it also allows projects in denser/transit rich cities to show how location in those areas helps reduce regional VMT even though they may not be able to reduce much from their own city average.)

The VMT estimates for the project and the Town were obtained from the Metropolitan Transportation Commission (MTC)'s VMT database, which is estimated using the MTC travel demand forecast model for Plan Bay Area 2040. The VMT database includes the forecasted VMT for each transportation analysis zone (TAZ) in the Bay Area. The VMT database provides two types of VMT forecasts: the average daily VMT per worker based on location of work and the average daily VMT per capita based on location of residence. For the proposed residential development, the average daily VMT per capita was used. Table 1 summarizes the MTC's forecasted VMT per capita for the Town, San Mateo County, and Bay Area. All of Portola Valley and the project site is located in TAZ 298 in the MTC travel demand forecast model.

Table 1 Average Daily VMT per	r Capita in F	Portola Valley	, San	Mateo C	ounty, and Bay Area
		VMT/Capita			

		VMT/Capita	
	Year 2020	Year 2030	Year 2040
Portola Valley (TAZ 298)	25.68	25.09	25.04
San Mateo County	16.02	15.83	15.30
SF Bay Area Average	15.00	15.01	14.59
Source: MTC's VMT foreca	ast for Plan Bay	v Area 2040.	

As shown in Table 1, the average VMT for residents within the Town is higher than that of the regional average.

VMT Estimate Methodology

The project's VMT was estimated based on home-based trips as described in the OPR recommendations. The OPR's Technical Advisory states that the VMT thresholds "can be applied to either household (i.e., tour-based) VMT or home-based (i.e., trip-based) VMT assessments." In simple terms, tour-based analyses capture all types of trips persons make in a day, including various stops on a trip, whereas trip-based analyses focus on the primary trip (generally commuting). As excerpted above, the advisory allows for assessment using either methodology. Because it is known that some of the residents' daily primary trip would be the commute trip to Stanford University, the trip-based analysis is most appropriate for this project.

Population Estimates

In order to calculate trips made by the various types of residents (faculty, non-faculty, and BMR residents), the project population needs to be determined for each type of resident, because the different types have different levels of VMT. The Town of Portola Valley Housing Element, prepared in 2015, reported persons per household based on the decennial US Census data as 2.58 in 2000 and 2.47 in 2010.



The California Department of Finance generates yearly population and housing tables, and those are the usual source for population data outside of the decennial census. As of January 1, 2020, the California Department of Finance estimated the average number of persons per household within Portola Valley as 2.58¹.

Neither of these sources further break down this average by type of unit or by number of bedrooms. Inherent to any average, it will be above the population of some units and below the population of other units but should be a reasonable estimate for the project as a whole and. Therefore, the study uses the 2020 average (2.58 persons per household, which is consistent with the higher of the reported averages from the Town's Housing Element) across the entire project.

Project VMT Estimates

Each single-family unit was assumed to have at least one person working at the Stanford University campus on typical weekdays, and the remaining persons were assumed to work elsewhere. All affordable housing units were assumed to not have any person working at the campus. For the single-family units, the roundtrip distance between the project site and the campus (9.5 miles) was used for those working on campus, while the 2020 VMT per capita for Portola Valley (25.68 miles) was used for the others.

As is standard practice for VMT analysis of BMR units and consistent with applicable research², the VMT per capita for the BMR units was assumed to be 10 percent lower than the Town's average.

Total VMT generated by the site was calculated by multiplying the total persons by the VMT per capita of each category then dividing the total VMT by the total population of the site.

As previously discussed, OPR recommends a threshold of 15 percent below the existing VMT per capita for residential projects, which equates to 21.83. As shown in Table 2 below, the average VMT for the project was calculated to be 20.57 VMT per capita, which is more than 15 percent below the Portola Valley average VMT. Thus, the project is expected to have a less-than-significant transportation impact.

Additional requirements for BMR units that would prioritize local workers or existing Portola Valley residents were being considered by the Town during preparation of this report. While such potential requirements have not been taken into account in this analysis, the results would be the same or improved from that reported here if they were implemented.

¹ State of California, Department of Finance, May 2020, E-5 Population and Housing Estimates for Cities, Counties and the State, January 1, 2011-2020, 2019 Persons per Household for Portola Valley.
² Income, Location Efficiency, and VMT: Affordable Housing as a Climate Strategy paper published by Gregory L. Newmark, Ph.D and Meter M. Haas Ph.D from the Center for Neighborhood Technology in December 2015.



Table 2	
Project VMT Estimate	

Land Use	Number of Units	Persons per Household	Total Persons	Daily VMT per Capita	Total Daily VMT	Daily VMT per Capita Assumption
Stanford Housing	27	2.58				
-To Stanford ¹		1.00	27	9.50	256.50	Round trip distance between the site and Stanford Campus
-Non Stanford		1.58	43	25.68	1,104.24	Year 2020 VMT per capita for Portola Valley
Affordable Housing	12	2.58	31	23.11	716.47	10% lower than the Town average, according to research ²
Total	39		101		2,077.21	-
Average VMT for the Site				20.57		
Year 2020 VMT per capita fo	r Portola V	alley		25.68		
VMT Threshold (15% below	w Portola	Valley Avera	ge VMT)	21.83		

Notes:

1. Each Stanford unit was assumed to have at least one person working at the campus on typical weekdays.

2. Income, Location Efficiency, and VMT: Affordable Housing as a Climate Strategy, by Gregory L. Newmark, Ph.D and Meter M. Haas Ph.D from the Center for Neighborhood Technology, December 2015.

Existing Transportation Conditions

Roadway Network

Regional access to the project site is provided by Interstate 280 (I-280). Local access to the project site is provided via Alpine Road, Portola Road, Westridge Drive, and Arastradero Road.

I-280 is an eight-lane freeway in the vicinity of the site. I-280 extends northward through San Francisco and southward to US 101 in San Jose. East of US 101, it makes a transition into I-680 to Oakland. Access to and from the site is provided via a full interchange at Alpine Road.

Alpine Road is a north-south two-lane road that transitions from Santa Cruz Avenue at Junipero Serra Boulevard in the north and transitions into Ciervos Street in the south. It serves as an arterial from Junipero Serra Boulevard to Portola Road in the project vicinity. Striped shoulders exist along both sides of Alpine Road, between Corte Madera Road and Junipero Serra Boulevard. A pedestrian/equestrian trail exists along the east side of the street near the project site. On-street parking is prohibited along the project frontage on the west side of the street. The speed limit ranges from 35 miles per hour (mph) to 40 mph. Alpine Road provides direct access to the site.

Portola Road is a two-lane arterial that mainly runs in a north-south direction from Alpine Road in the south to Mountain Home Road in the north, where it transitions into Sand Hill Road. Striped shoulders exist along both sides of the street. A pedestrian/equestrian trail exists along one side of the street. On-street parking is prohibited. The speed limit is 35 mph. Portola Road provides access to the project via its intersection with Alpine Road.

Westridge Drive is an east-west two-lane major collector from Portola Road in the west to Alpine Road in the east. A pedestrian/equestrian trail exists along the north side of the street. On-street



parking is prohibited along both sides of the street. The speed limit is 30 mph. Westridge Drive provides access to the project via its intersection with Alpine Road.

Arastradero Road is an east-west two-lane road from Alpine Road in the west to Page Mill Road in the east. A bike route is designated between Alpine Road and Tracy Court in the City of Palo Alto, where it transitions into bike lanes along both sides of the street for the rest of the street. Onstreet parking is prohibited along both sides of the street. The speed limit is 35 mph. Arastradero Road provides access to the project via its intersection with Alpine Road.

Pedestrian and Equestrian Facilities

Pedestrian facilities consist of trails and crosswalks in the project vicinity. A paved pedestrian trail exists on the east side of Alpine Road, and an unpaved pedestrian/equestrian trail exists on the west side of Alpine Road. Pedestrian/equestrian trails also exist along one side of Portola Road and the north side of Westridge Drive. Crosswalks are present along all of the study area roadways at unsignalized study intersections. Crosswalks are present crossing Alpine Road at La Cuesta Drive, La Mesa Drive, and Portola Road. Crosswalks are also present along the east leg of the Alpine Road and Arastradero Road intersection and along the west leg of the Alpine Road/Portola Road intersection.

Bicycle Facilities

Although the Town has not designated any bicycle facilities on its roadways, bicycle usage is allowed on Town roadways. Within one mile of the project site, striped shoulders on Alpine Road and Portola Road are commonly used by cyclists as bike lanes. Arastradero Road is mostly within the City of Palo Alto, where it is a designated bike route marked with painted shared lane markings (sharrows) on the roadway.

Transit Services

Existing public transit services in the study area are provided by the San Mateo County Transit District (SamTrans). SamTrans operates bus services in San Mateo County. SamTrans Routes 87 and 286 ran along Alpine Road prior to April 2020. Due to Covid-19 and shelter-in-place orders, both routes have been temporarily suspended within the project vicinity. The nearest bus stop was located on Westridge Drive at Alpine Road, approximately 1,000 feet from the project site, and was served by both Routes 87 and 286 on school days, during school start and end hours.

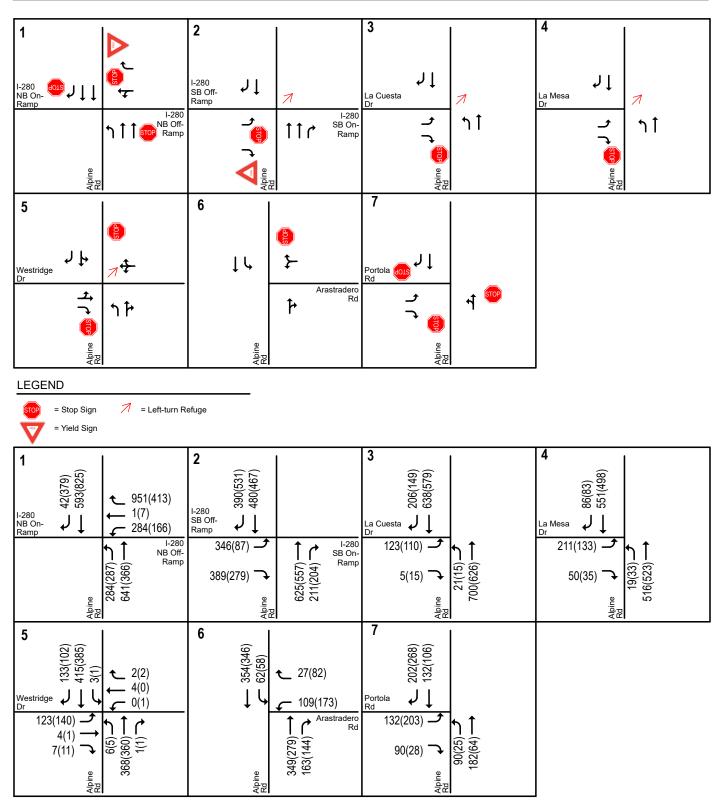
Stanford University provides free Marguerite shuttles between the campus and various points of interest near the campus. The shuttle route with a stop closest to the site is the SLAC route that operates on weekdays. The nearest stop is located on Sand Hill Road at Sharon Park Drive, approximately 2.8 miles from the project site.

Existing Lane Configurations and Traffic Volumes

The existing lane configurations at the study intersections were obtained from Google Earth. Existing AM and PM peak-hour traffic volumes (see Figure 3) were obtained from new traffic count data, collected in November 2019 (see Appendix A).

The Alpine Road/I-280 northbound ramps intersection has an all-way stop sign, but the westbound right-turn movement from the off-ramp to Alpine Road and the southbound right-turn movement from Alpine Road to the on-ramp are not stop-controlled. The westbound right-turn movement from the off-ramp to Alpine Road has a yield sign and a yield to pedestrians sign at the crosswalk. The southbound right-turn movement from Alpine Road to the on-ramp has a yield to pedestrians sign





LEGEND

XX(XX) = AM(PM) Peak-Hour Traffic Volumes

Figure 3 Existing Intersection Lane Configurations and Traffic Volumes





at the crosswalk. At the Alpine Road/I-280 southbound ramps intersection, only the southbound off-ramp left turn has stop control. The other movements are uncontrolled. There are left-turn refuges for left turns from the I-280 southbound off-ramp, from La Cuesta Drive, from La Mesa Drive, and from Westridge Road onto northbound Alpine Road.

Project Trip Estimates

The magnitude of traffic produced by a new development and the locations where that traffic would appear were estimated using a three-step process: (1) trip generation, (2) trip distribution, and (3) trip assignment. In determining project trip generation, the magnitude of traffic traveling to and from the proposed residential development was estimated for the AM and PM peak hours. As part of the project trip distribution, the directions to and from which the project trips would travel were estimated. In the project trip assignment, the project trips were assigned to specific streets and intersections. These procedures are described below.

Trip Generation

Through empirical research, data have been collected that quantify the estimated amount of traffic produced by many types of land uses. The data are published in the Institute of Transportation Engineers' (ITE) manual entitled *Trip Generation, 10th Edition* (2017). The magnitude of traffic added to the roadway system by a particular development is estimated by multiplying the applicable trip generation rates by the size of the development. The rates published for Single-Family Housing (Land Use 210) and Multi-Family Housing (Low-Rise) (Land Use 220) were used to estimate the trips generated by the proposed project. The ITE Trip Generation Manual describes low-rise multi-family housing as residential buildings with one or two floors. The BMR buildings consists of 2 floors each. The project is estimated to generate 26 trips during the AM peak hour (6 in and 20 out), and 34 trips during the PM peak hour (21 in and 13 out) (see Table 3).

		Da	aily	A	M Pe	ak Hoı	ır	P	M Pe	ak Hou	ır
		Trip		Trip		Trips		Trip		Trips	
Land Use	Size	Rate	Trips	Rate	In	Out	Total	Rate	In	Out	Total
Single-Family Housing ¹	27 du	9.44	255	0.74	5	15	20	0.99	17	10	27
Multi-Family Housing ²	12 du	7.32	88	0.46	1	5	6	0.56	4	3	7
Net Project Trips			343		6	20	26		21	13	34

Table 3 Trip Generation Estimates

1. Single-family detached housing (ITE Land use 210): average trip rates were used.

2. Low-rise multifamily housing (ITE Land use 220): average trip rates were used.

Trip Distribution and Assignment

The trip distribution pattern for the project was estimated based on existing travel patterns in the study area, the locations of complementary land uses, a majority of the residential units that would be leased to Stanford faculty (see Figure 4). The trip distribution pattern for the project was estimated based on the existing travel patterns on the surrounding roadway system and based on the fact that a majority of the residential units would be leased to Stanford faculty. According to the project description, the single-family homes (27 of 39 total units) would be leased to Stanford faculty. Therefore, it was assumed that 40 percent of the project trips would be destined to the

Stanford campus and the surrounding area. It was assumed that 40 percent of the project trips would travel to other job sites/destinations via I-280, and 10 percent of the project trips would access I-280 (to the south) or other businesses on Page Mill Road via Arastradero Road. It was also assumed that 10 percent of the project trips would travel to the south on Alpine Road and Portola Road to reflect some local trips, such as school trips or trips to the town center.

The peak-hour trips generated by the project were assigned to the roadway system based on the trip distribution pattern, directions of approach and departure, the roadway network connections, and the location of project driveway (see Figure 4).

Site Access and Circulation

The project's site access and circulation were evaluated in accordance with generally accepted traffic engineering standards based on the project plan (see Figure 2), dated July 14, 2020. The project would provide two new full access driveways on Alpine Road. Within the site, a two-way internal road would be provided to access the private garages and surface parking spaces. For the single-family homes, parking would be provided within each attached one car garage and on the driveway to each single-family home. For the BMR housing units, parking would be provided within private garages and surface parking spaces in various locations on site.

Vehicle Site Access

Project Driveway Design

The proposed driveways on Alpine Road measure 20 feet in width, which meets the Town's maximum of 20 feet for driveways entering a road.

Sight Distance at Project Driveways

The proposed driveway locations were evaluated to determine if the sight distance at the driveways would be adequate. Adequate sight distance reduces the likelihood of a collision at driveways and provides drivers with the ability to locate sufficient gaps in traffic to exit a driveway. Sight distance of a driveway is evaluated based on the stopping sight distance recommended by Caltrans for a given design speed.

Alpine Road has a speed limit of 40 mph near the project driveways. The Caltrans stopping sight distance is 350 feet (based on a design speed of 45 mph). Thus, a driver must be able to see 350 feet in both directions of Alpine Road to locate a sufficient gap to turn out of the driveway. Both driveways have a sight distance of greater than 350 feet when looking in both directions. Therefore, the sight distance is adequate. The two driveways would be approximately 550 feet apart.

The project would provide adequate sight distance at the driveways with low-level landscaping to ensure that exiting drivers would be able to see any pedestrians on the trail along the project frontage as well as oncoming vehicles. According to the site plan, the landscape plan shows street trees would be added along the project frontage. Note that street trees have a high canopy and would not obstruct the view of drivers exiting the project driveways, and the trees would not be placed within the sight triangles of the driveways. The project would also install split rail fencing along the project frontage. Split rail fencing enables pedestrians on the trail and outbound vehicles to see each other when approaching the driveway. Thus, the landscaping features shown on the site plan are not expected to obstruct the vision of exiting drivers.





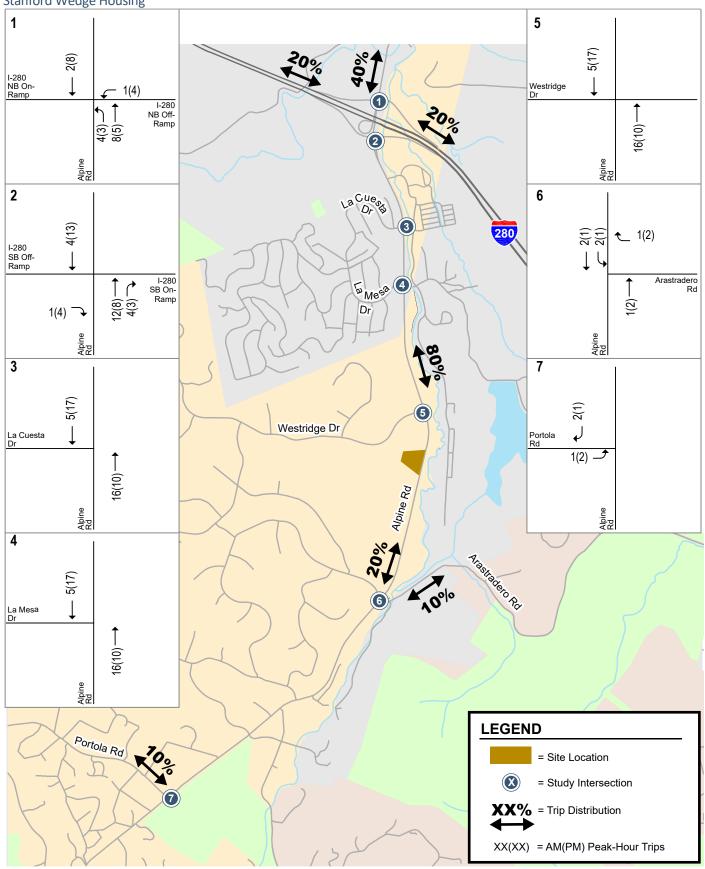


Figure 4 Trip Distribution Pattern and Project Trip Assignment





Project Driveway Operations

As shown in Table 3, the project is expected to generate 6 inbound and 20 outbound trips during the AM peak hour and 21 inbound and 13 outbound trips during the PM peak hour between the two driveways. Most of inbound trips would make southbound right turns, with 4 trips making northbound left turns into the site. The estimated 4 trips turning from northbound Alpine Road into the site calculates to approximately one inbound vehicle every 30 minutes between the two driveways. Therefore, no operational issues related to vehicle queueing and/or vehicle delay are expected to occur on Alpine Road at the driveways. Some minor on-site vehicle queuing could occur due to a combination of the inherent unpredictability of vehicle arrivals at the driveway and the random occurrence of gaps in traffic along Alpine Road. However, given the estimated 20 outbound trips in the AM peak hour between the two driveways, which calculates to about one outbound trip every 6 minutes, the probability of two or more outbound vehicles exiting the site at the same time from the same driveway would likely be low. The maximum queue is not expected to affect the on-site circulation. Additionally, vehicles turning right into the project site from Alpine Road may momentarily affect the southbound traffic flow due to vehicles slowing down to turn into the driveway, but this would not have an adverse effect on traffic operations.

On-Site Circulation

Within the site, a two-way internal road would be provided to access the private garages and surface parking spaces. The internal road would range from 20 feet to 27 feet wide. The pavement width meets the minimum pavement width of 20 feet for residential service streets and fire access roads, according to the Portola Valley Municipal Code and the Woodside Fire Protection Department Fire Code. The project would provide 90-degree street parking spaces in five areas along the internal road. The roadway width would be 27 feet where street parking is provided, and the drive aisles to the BMR parking spaces would be 25 to 28 feet wide, both of which meet the Town's requirement of 25-foot aisles where surface parking is directly accessed. The project would provide 90-degree uniform parking stalls within the site. As discussed under Parking below, the street parking spaces would be for both residents and guests.

Passenger Loading

The project does not propose any specific passenger loading area on-site for residents. However, it is presumed that loading could occur on the internal road, as the project traffic is expected to be very low.

Bike and Pedestrian On-Site Circulation

The site plan provides some pedestrian paths within the common open area space and play area, but there are no sidewalks along the internal road or pedestrian paths leading to the common area. Due to the low traffic volume and speed within the internal neighborhood, it is presumed that bicyclists would be able to safely utilize the internal road.

Truck Access and Circulation

Emergency response vehicles and garbage collection vehicles would access the project site from the internal road. It is presumed that trash bins would be wheeled out to the internal road for garbage truck pickup. Per the project description, vehicle parking on the internal road will be prohibited, which should be enforced by the HOA to ensure that access and circulation for emergency response vehicles is not obstructed by parked vehicles. The project should install signage along the internal road to indicate no parking at any time.



Potential Effects on Pedestrians, Bicycles, and Transit Facilities

Pedestrian Facilities

Pedestrian facilities in the study area consist of trails and crosswalks. A paved pedestrian trail exists on the east side of Alpine Road, and an unpaved pedestrian/equestrian trail exists on the west side of Alpine Road. Pedestrian/equestrian trails also exist along one side of Portola Road and the north side of Westridge Drive. Within a typical walking distance (a half mile or 10 minutes), continuous pedestrian facilities are present between the site and the bus stops in the area. The project proposes to construct a new loop trail within its property to the south of the housing development site. The trail would be accessible to the general public and would connect to the existing trail that runs on the west side of Alpine Road at two separate locations. The trail would be near to the location of the planned trails shown in the Trails and Paths Element of the Town's General Plan. The project would also improve the existing dirt trail along the frontage of the entire property. Both the new loop trail and the existing trails along Alpine Road would have a minimum six-foot width with all-weather compacted base-rock surface.

Bicycle Facilities

Although the Town has not designated any bicycle facilities on its roadways, the striped shoulders on Alpine Road and Portola Road are commonly used by cyclists as bike lanes. Cyclists riding on Alpine Road can connect to the bike lanes on Junipero Serra Boulevard and Sand Hill Road to Stanford University. The small number of vehicle trips added by the project is not expected to substantially impact bicycle travel on Alpine Road or the surrounding roadways.

Transit Services

The project site was served by SamTrans Routes 87 and 286 with the bus stops approximately 1,000 feet from the project site. Due to Covid-19 and shelter-in-place orders, both routes have been suspended within the project vicinity. Regardless, the project is expected to create minimal, if any, transit ridership given that Routes 87 and 286 only provide a few busses per day near the project site. Any increase in riders is expected to be accommodated by the bus routes when services return to pre-Covid conditions.

The project would not remove any transit facilities, nor would it conflict with any adopted plans or policies associated with new transit facilities.

Pedestrian and Bicycle Access to Schools

The Town of Portola Valley has two public schools and two private schools within Town limits. The Town's public schools include Omondale School for grades Kindergarten through 3 and Corte Madera School for grades 4 through 8. Both schools are located two or more miles away from the project site. The Town's private schools include Woodland School for grades preschool to 8, approximately 1.2 miles north of the project site, and Woodside Priory for grades 6 to 12, approximately 3.1 miles southwest of the project site. Some older students at Woodland School may ride their bikes, using the striped shoulders on Alpine Road and the trail behind the plaza north of La Mesa Drive. The distances to the other schools are longer than typical walking (one mile) or bike distance (3 miles) for students. Thus, it is likely that most students would be driven to school, rather than walk or bike.

Access to Stanford University

The project site is located approximately 4 miles southwest of Stanford University. Bicyclists could utilize Alpine Road and Junipero Serra Boulevard to access Stanford University. Currently, the



Stanford University Marguerite Shuttle does not provide any shuttle lines along Alpine Road. Although new residents could utilize SamTrans Routes 87 or 286 when bus services return to pre-Covid conditions to access the Marguerite Shuttle Line S, Routes 87 and 286 only provide a few busses per day during school operational hours.

To reduce vehicle trips and promote alternative transportation, Stanford University has a transportation demand management (TDM) program that offers various programs to eligible university employees. Although the Stanford University Marguerite Shuttle does not provide service along Alpine Road, future residents who wish to commute to the University using alternative transportation modes could utilize the following programs/resources:

- Free transit passes for eligible university employees.
- Free parking passes and reserved spaces for employees who commute by carpool or vanpool.
- Commute Club an incentive program that offers various rewards and services for alternative transportation commuters, including vanpool subsidies, emergency ride home, free rental car vouchers, and Zipcar driving credit. The Commute Club was suspended in April 2020 due to the COVID-19 pandemic and many employees continue to work remotely on a part-time or full-time basis.
- Zipcar fleet on Campus with discounted rates.
- Discounted rates on rental cars.
- Ridematching services.

Potential Effects on Pedestrian/Equestrian Trails

In the project vicinity, an unpaved pedestrian/equestrian trail runs on the west side of Alpine Road along the project frontage, and a paved pedestrian trail exists on the east side of Alpine Road. Pedestrian/equestrian trails also exist along one side of Portola Road and the north side of Westridge Drive. It is expected that the project would generate some pedestrian/equestrian trips, which could utilize these trails. However, the increase in trail usage is not expected to degrade the quality of these trails because of the small number of pedestrian/equestrian trips that would be generated by the project.

The project proposes to construct a new loop trail within its property to the south of the housing development site. The trail would be accessible to the general public and would connect to the existing trail that runs on the west side of Alpine Road at two locations. The project would also improve the existing dirt trail along the frontage of the entire property. Both the new loop trail and the existing trails along Alpine Road would have a minimum six-foot width with all-weather compacted base-rock surface. Therefore, the new loop trail and improvement to the existing trail would increase the capacity and quality of the Town's trail system.

The project would have two driveways crossing the pedestrian/equestrian trail that runs along its frontage. As discussed above under Sight Distance at Project Driveways, the project would provide adequate sight distance at the driveways with low-level landscaping to ensure a clear line of sight between exiting drivers and pedestrians/horses on the trail. The project would install split rail fencing along the project frontage. Split rail fencing enables pedestrians/equestrians on the trail and outbound vehicles to see each other when approaching the driveway. Therefore, the project is not expected to adversely affect the safety of trail users. Because the number of pedestrians/horses traveling on the trail is relatively low and the project traffic on the driveways would also be low, the chance of the pedestrians/horses and the project traffic arriving at the

crossing simultaneously is expected to be small. Regardless, any increase in vehicle access points along the trail would increase the potential for conflict between pedestrians/equestrians and is considered a potential safety impact. Therefore, to mitigation the safety impact, the project should install a sign at the driveways "STOP HERE LOOK FOR TRAIL USERS STOP AGAIN AT ROAD" for outbound traffic approaching the trail to alert the exiting drivers of the presence of pedestrians/horses.

Parking

Vehicle Parking

Because the project proposes 12 BMR units, according to State of California Density Bonus Law (Government Code section 65915(p)), for a development that meets the density bonus requirements, a city, county, or city and county shall not require a vehicular parking ratio, inclusive of handicapped and guest parking, that exceeds the following ratios:

- 1 on-site space for each studio or one-bedroom unit
- 1.5 on-site spaces for each dwelling with two or three bedrooms
- 2.5 on-site spaces for each dwelling with four or more bedrooms

The single-family homes would consist of 19 three-bedroom units and 8 four-bedroom units, which require a total of 49 spaces. Each BMR building consists of 2 studio units, one one-bedroom unit, and one two-bedroom unit, which requires 5 spaces for each building. The three BMR buildings would require 15 spaces. The project would require a total of 64 residential parking spaces.

The site plan shows all single-family homes would be provided one garage parking space and one driveway space. Each BMR building would provide two garage parking spaces and three adjacent surface parking spaces. There would be an additional 20 street surface parking spaces for use by visitors. In total, the project would provide 89 parking spaces (33 spaces in garages, 27 spaces on single-family home driveways, 9 spaces in multi-family lots, and 20 street surface parking spaces). The project meets the Density Bonus Law required number of parking spaces, and parking on site would be adequate. The 20 street parking spaces could be used by both residents and guests. Based on typical guest parking requirements in other cities, it is recommended that the project designate 8 spaces for guest parking, which would be monitored by the HOA.

The project would install electric vehicle charging infrastructure to facilitate future installation and use of electric vehicle chargers at all the single-family units, which meets the requirement of the California Green Building Standards Code (Section 4.106.4).

Bicycle Parking

The Town does not require developments to provide bicycle parking. However, the site plan shows that each garage would provide wall-hung bike racks for two bicycles (long-term spaces) and 9 bicycle racks (short term spaces) for 18 bicycles around the site. Six of the bicycle parking spaces located in front of BMR Building B would be reserved for the BMR units, while the rest would be for guests.

On-Street Parking on Alpine Road

According to the General Plan Circulation Element Section 3105.9, on-road parking should be discouraged. The General Plan Alpine Scenic Corridor Plan Section 6211.8 also states that on-street parking should be limited to the maximum extent possible. On-street parking is prohibited



along the project frontage on the west sides of the street with signs to indicate no parking at any time. However, on-street parking on the east side of the street is not prohibited.

The project would provide more on-site parking spaces than the requirement by 16 spaces. Therefore, parking demand is expected to be accommodated within the site.

Non-CEQA Traffic Operations Analysis

Scope of Analysis

The potential traffic operations effects of the project were evaluated in accordance with the standards set forth by the Town of Portola Valley and the San Mateo City/County Association of Governments (C/CAG) of San Mateo County. C/CAG is a Joint Powers Authority that plans, funds, and delivers transportation programs and projects in San Mateo County. C/CAG administers the San Mateo County Congestion Management Program (CMP).

The study analyzes the traffic effects of the project on the key intersections in the vicinity of the site during the weekday AM and PM peak hours of commute traffic. An analysis of site access and onsite circulation, parking, and transit, bicycle, and pedestrian access is also included. Given that the project is expected to add fewer than 100 peak hour trips, a C/CAG trip reduction analysis was not prepared.

Traffic conditions were evaluated for the following seven unsignalized intersections in the vicinity of the project site (see Figure 1). Four intersections are within the County of San Mateo, and three are in Portola Valley.

County of San Mateo:

- 1. Alpine Road and I-280 Northbound Ramps
- 2. Alpine Road and I-280 Southbound Ramps
- 3. Alpine Road and La Cuesta Drive
- 4. Alpine Road and La Mesa Drive

Town of Portola Valley:

- 5. Alpine Road and Westridge Road
- 6. Alpine Road and Arastradero Road
- 7. Alpine Road and Portola Road

Traffic conditions at the study intersections were analyzed for the weekday AM and PM peak hours of adjacent street traffic. The AM peak hour typically occurs between 7:00 AM and 9:00 AM and the PM peak hour typically occurs between 4:00 PM and 6:00 PM on a regular weekday. It is during these periods that the most congested traffic conditions occur on the roadways. Traffic operations on weekends were not analyzed because traffic on the surrounding streets is less congested; the analysis of traffic conditions during the peak commute hours on weekdays represents the busiest conditions.

Intersection traffic conditions were evaluated for the following scenarios:

• **Existing Conditions.** Existing AM and PM peak-hour traffic volumes were obtained from new turning-movement counts conducted in November 2019, prior to Covid-19 and shelterin-place orders (included in Appendix A). The study intersections were evaluated with a level of service analysis using Synchro software in accordance with the 2000 Highway Capacity Manual methodology.



• **Existing Plus Project Conditions.** Existing traffic volumes with the project were estimated by adding to existing traffic volumes the additional traffic generated by the project. Existing plus project conditions were evaluated relative to existing conditions in order to determine the effects the project would have on the existing roadway network.

Traffic conditions typically are also evaluated for cumulative conditions for developments that would generate a substantial number of new trips. The project would generate a small number of new trips on the surrounding roadways amounting to less than a total of 50 trips during the peak hours. Additionally, approved and pending developments in the Town are not expected to add a notable number of trips to the study intersections that would substantially degrade operations. Therefore, it was determined that a cumulative scenario would not contribute additional relevant information to this analysis and was therefore not evaluated.

Methodology

This section presents the methods used to determine traffic conditions at the study intersections and the traffic effects of the project. It includes descriptions of the data requirements, the analysis methodologies, and the applicable level of service standards.

Data Requirements

The data required for the analysis were obtained from traffic counts and Google Earth. The following data were collected from these sources:

- Peak hour intersection turning-movement volumes and
- Lane configurations

Intersection Level of Service Analysis Methodology

Traffic conditions at the study intersections were evaluated using level of service (LOS). Level of service is a qualitative description of operating conditions ranging from LOS A, or free-flow conditions with little or no delay, to LOS F, or jammed conditions with excessive delays.

Level of service analysis at unsignalized intersections is generally used to determine the need for modification in the type of intersection control (i.e., all-way stop or signalization). As part of the evaluation, traffic volumes, and delays are evaluated to determine if the existing intersection control is appropriate.

For unsignalized intersections, level of service depends on the average delay experienced by vehicles on the stop-controlled approaches. Thus, for all-way stop controlled intersections, level of service is determined by the average delay for all movements through the intersection. For side street stop-controlled intersections (two-way or T-intersections), operations are defined by the average control delay experienced by vehicles entering the intersection from the stop-controlled approaches on minor streets or from left-turn approaches on major streets. For side street stop-controlled intersections, the level of service is reported based on the average delay for the worst approach. The level of service definitions for unsignalized intersections is shown in Table 4. This study utilizes Synchro software to determine intersection levels of service based on the 2000 HCM methodology for unsignalized intersection.

Level of Service	Description	Average Delay Per Vehicle (Sec.)
A	Little or no traffic delay	10.0 or less
В	Short traffic delays	10.1 to 15.0
С	Average traffic delays	15.1 to 25.0
D	Long traffic delays	25.1 to 35.0
E	Very long traffic delays	35.1 to 50.0
F	Extreme traffic delays	greater than 50.0
Source: Transportation Res	search Board, 2000 Highway Capacity M	anual (Washington, D.C., 2000) p17-2.

Table 4 Unsignalized Intersection Level of Service Definitions Based on Average Delay

Intersection Level of Service Standards

The Town of Portola Valley and the County of San Mateo do not have an adopted level of service standard for unsignalized intersections. However, LOS D is typically considered acceptable for operational conditions.

Existing Intersection Levels of Service

The results of the Intersection levels of service (see Table 5) show that all study intersections operate at an acceptable level of service during both the AM and PM peak hours. The intersection level of service calculation sheets are included in Appendix B.



Table 5

Existing Intersection Level of Service Summary

# Intersection		Control ¹	Peak Hour	Count Date	Avg. Delay (sec)	LOS
1 Alpine Road & I-280 N	IB Ramos	AWSC	AM	11/21/2019	19.4	С
	D Rampo	/1100	PM	11/21/2019	17.8	С
2 Alpine Road & I-280 S	B Ramos	TWSC	AM	11/21/2019	33.5	D
	D Ramps	1000	PM	11/21/2019	14.2	В
3 Alpine Road & La Cue	esta Drive	TWSC	AM	11/21/2019	25.3	D
		1000	PM	11/21/2019	20.2	С
4 Alpine Road & La Mes	a Drive	TWSC	AM	11/21/2019	24.8	С
		1000	PM	11/21/2019	18.5	С
5 Apline Road & Westri	dae Drive	TWSC	AM	11/21/2019	25.3	D
5 Aprille Road & Westin	Jge Drive	10030	PM	11/21/2019	23.7	С
6 Alpine Road & Arastra	doro Pood	TWSC	AM	11/21/2019	24.2	С
0 Alpine Road & Alastia		10030	PM	11/21/2019	29.0	D
7 Alpine Road & Portola	Road	AWSC	AM	11/21/2019	10.6	В
	INdu	AV/30	PM	11/21/2019	10.2	В

AWSC = all-way stop control, TWSC = two-way stop control

¹ Average delay for the worst stop-controlled approach is reported for TWSC intersections.

Existing Plus Project Intersection volumes and Levels of Service

Project trips, as represented in the above project trip assignment (Figure 4), were added to existing traffic volumes to obtain existing plus project traffic volumes (see Figure 5).

The results of the intersection level of service analysis (see Table 6) show all study intersections would continue to operate at an acceptable level of service during both the AM and PM peak hours. The intersection level of service calculation sheets are included in Appendix B.



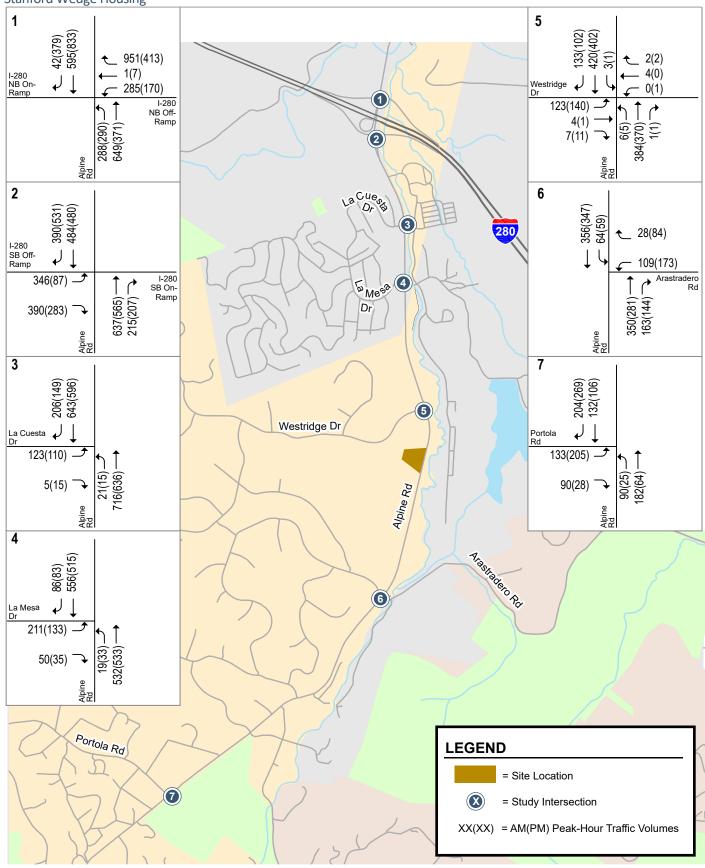


Figure 5 Existing Plus Project Traffic Volumes





Table 6

Existing Plus	Project Intersection	Levels of Service

				No Proje	ect	With Pro	ject
#	Intersection	Control ¹	Peak Hour	Avg. Delay (sec)	LOS	Avg. Delay (sec)	LOS
1	Alpine Road & I-280 NB Ramps	AWSC	AM PM	19.4 17.8	C C	19.7 18.3	C C
2	Alpine Road & I-280 SB Ramps	TWSC	AM PM	33.5 14.2	D B	34.1 14.4	D C
3	Alpine Road & La Cuesta Drive	TWSC	AM PM	25.3 20.2	D C	25.8 20.6	D C
4	Alpine Road & La Mesa Drive	TWSC	AM PM	24.8 18.5	C C	25.4 18.9	D C
5	Apline Road & Westridge Drive	TWSC	AM PM	25.3 23.7	D C	26.4 25.1	D D
6	Alpine Road & Arastradero Road	TWSC	AM PM	24.2 29.0	C D	24.4 29.4	C D
7	Alpine Road & Portola Road	AWSC	AM PM	10.6 10.2	B B	10.6 10.2	B B
Not	es:						

AWSC = all-way stop control, TWSC = two-way stop control

¹ Average delay for the worst stop-controlled approach is reported for TWSC intersections.

Conclusions

This study includes a VMT analysis and a traffic operations analysis. This traffic operations analysis includes an analysis of traffic conditions during the AM and PM peak hours at seven intersections, a review of site access and on-site circulation, an evaluation of transit services, and an evaluation of pedestrian and bicycle facilities, and parking.

VMT Analysis

OPR recommends a threshold of 15 percent below the existing VMT per capita for residential projects. The average daily VMT for the project was calculated to be 20.57 VMT per capita, which is more than 15% below Portola Valley's average VMT (25.68). Thus, the project is not expected to create a significant transportation impact.

Potential Safety Impact on Pedestrian/Equestrian Trails

The project would increase vehicle access points along the pedestrian/equestrian trail runs on the west side of Alpine Road along the project frontage. Any increase in vehicle access points along the trail would increase the potential for conflict between pedestrians/equestrians and is considered a potential safety impact.

Mitigation Measure

The project should install a sign at the driveways "STOP HERE LOOK FOR TRAIL USERS STOP AGAIN AT ROAD" for outbound traffic approaching the trail to alert the exiting drivers of the presence of pedestrians/horses.



Other Transportation Issues

The site plan shows adequate site access and on-site circulation. The project would not have an adverse effect on the existing transit, pedestrian, or bicycle facilities in the study area.

Hexagon has the following recommendation resulting from the site access and circulation evaluation and the parking evaluation. Implementation (or not) of these recommendations would not change impact and significance conclusions discussed in this report.

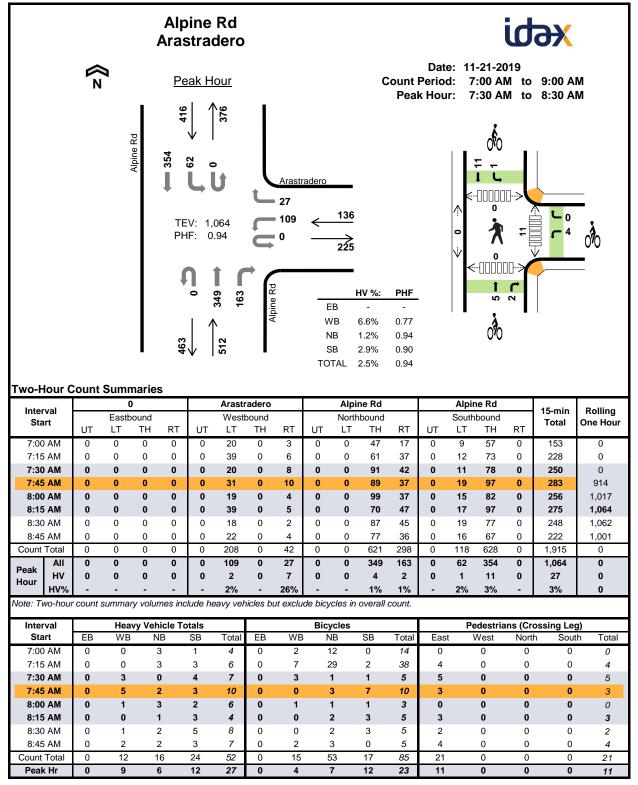
Recommendation

- New residents that work at Stanford University should be encouraged to utilize the TDM programs offered by the University, which could include carpooling together to work.
- The project should install the "NO PARKING ANY TIME" signs along the internal road.
- The project should designate 8 spaces for guest parking, which would be monitored by the HOA.

Intersection Traffic Operations

The results of the intersection level-of-service analysis show that the added project trips are not expected to result in a noticeable increase vehicle delay on the stop-controlled approaches.

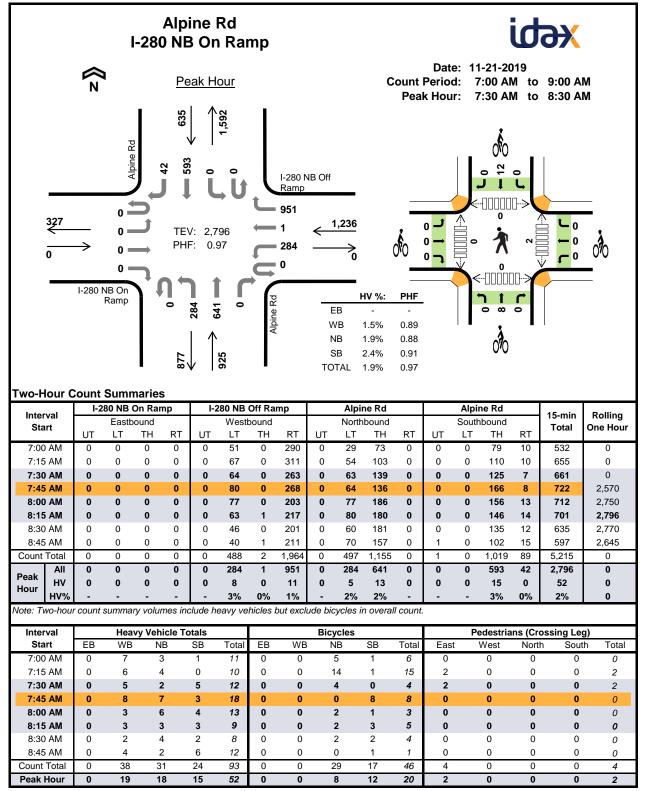
Appendix A Traffic Counts



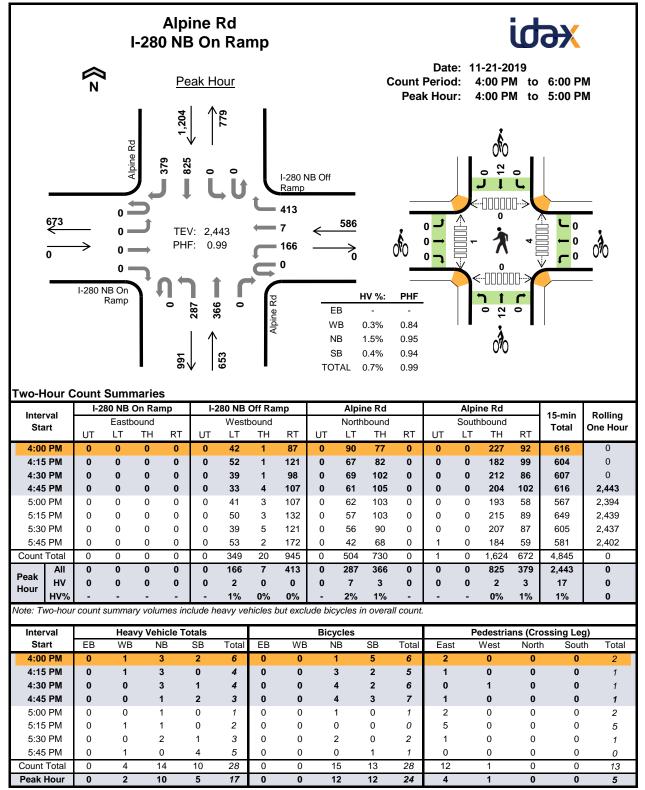
Interval		(0			Arastr	adero			Alpir	ne Rd			Alpir	ne Rd		15-min	Rolling
Start		East	bound		Westbound			Northbound					South	bound		Total	One Hou	
otart	UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	TH	RT	Total	one nou
7:00 AM	0	0	0	0	0	0	0	0	0	0	1	2	0	0	1	0	4	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	3	0	0	1	2	0	6	0
7:30 AM	0	0	0	0	0	1	0	2	0	0	0	0	0	1	3	0	7	0
7:45 AM	0	0	0	0	0	0	0	5	0	0	2	0	0	0	3	0	10	27
8:00 AM	0	0	0	0	0	1	0	0	0	0	2	1	0	0	2	0	6	29
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	0	4	27
8:30 AM	0	0	0	0	0	1	0	0	0	0	2	0	0	0	5	0	8	28
8:45 AM	0	0	0	0	0	1	0	1	0	0	2	0	0	0	3	0	7	25
Count Total	0	0	0	0	0	4	0	8	0	0	12	4	0	2	22	0	52	0
Peak Hour	0	0	0	0	0	2	0	7	0	0	4	2	0	1	11	0	27	0
wo-Hour (Count	Sumi	marie	s - Bił	es				-								-	-
	Count		marie	s - Bił	kes	Arastr	adero			Alpir	ne Rd			Alpir	ne Rd		1E min	Polling
wo-Hour C	Count			s - Bil	kes	Arastr Westb					ne Rd bound			<u> </u>	ie Rd bound		15-min Total	Rolling One Hou
	Count	East	0	s - Bil RT	Kes LT		ound	RT	LT	North		RT	LT	<u> </u>	bound	RT	15-min Total	
Interval		Eastb	0 bound	-		West	ound H	RT 1	LT 0	North T	bound	RT 6	LT 0	South T	bound	RT 0	-	
Interval Start	LT	Eastt T	0 bound TH	RT	LT	Westb TI	ound H			North T	bound H			South T	bound H)		Total	One Hou
Interval Start 7:00 AM	LT 0	Eastb T (0 bound TH 0	RT 0	LT 1	Westb TI C	oound H	1	0	North T (bound H 6	6	0	South T	bound H))	0	Total	One Hou
Interval Start 7:00 AM 7:15 AM	LT 0 0	Eastb T (oound H 0	RT 0 0	LT 1 5	Westb TI C	bound H	1 2	0 0	North T	bound H 6 3	6 16	0 2	South T (bound H))	0 0	Total 14 38	One Hou 0 0
Interval Start 7:00 AM 7:15 AM 7:30 AM	LT 0 0	Eastt T ((0 bound TH 0 0 0	RT 0 0 0	LT 1 5 3	Westb TI C C C	oound H	1 2 0	0 0 0	North T	bound H 6 3 0	6 16 1	0 2 0	South T (bound H)) I	0 0 0	Total 14 38 5	One Hou 0 0
Interval Start 7:00 AM 7:15 AM 7:30 AM 7:45 AM	LT 0 0 0	Eastb T () ()	0 Doound TH 0 0 0 0 0	RT 0 0 0 0	LT 1 5 3 0	Westb TI C C C C C C C C C C C C C C C C C C	pound H))	1 2 0 0	0 0 0 0	North T (1	bound H 6 3 0 2	6 16 1 1	0 2 0	South T ((bound H)) 1 7	0 0 0 0	Total 14 38 5 10	One Hou 0 0 67
Interval Start 7:00 AM 7:15 AM 7:30 AM 7:45 AM 8:00 AM	LT 0 0 0 0	Eastb T (((0 bound H 0 0 0 0 0 0	RT 0 0 0 0 0	LT 1 5 3 0 1	Westb TI C C C C C C C C C C C C C C C C C C	bound H D D D D D D	1 2 0 0 0	0 0 0 0	North T (1	bound TH 6 3 0 2 1	6 16 1 1 0	0 2 0 0 1	South T (((bound H D D 1 7 0	0 0 0 0 0	Total 14 38 5 10 3	One Hou 0 0 67 56
Interval Start 7:00 AM 7:15 AM 7:30 AM 7:45 AM 8:00 AM 8:15 AM	LT 0 0 0 0 0 0	Eastu T ((((((((((((((((((0 pound H 0 0 0 0 0 0 0 0	RT 0 0 0 0 0 0 0 0	LT 1 5 3 0 1 0	Westb TI C C C C C C C C C C C C C C C C C C	pound H)))))	1 2 0 0 0 0 0	0 0 0 0 0 0	North T	bound 74 6 3 0 2 2 1 2 2	6 16 1 1 0 0	0 2 0 0 1 0	South T ((((((((((((((((((bound H)) 1 7 7 0 3	0 0 0 0 0 0	Total 14 38 5 10 3 5 5	One Hou 0 0 67 56 23
Interval Start 7:00 AM 7:15 AM 7:30 AM 7:45 AM 8:00 AM 8:15 AM 8:30 AM	LT 0 0 0 0 0 0 0 0	(Eastb T () () () () () () () () () () () () ()	0 pound H 0 0 0 0 0 0 0 0 0 0 0 0 0	RT 0 0 0 0 0 0 0 0 0 0	LT 1 5 3 0 1 0 0		pound H))))))	1 2 0 0 0 0 0 0	0 0 0 0 0 0 0	North T	bound 14 6 3 0 2 2 1 2 2 1 2 1	6 16 1 0 0 1	0 2 0 0 1 0 0	South T ((((((((((((((((((bound H)) 1 7 7 3 3 3)	0 0 0 0 0 0 0 0	Total 14 38 5 10 3 5 5 5 5	One Hou 0 0 67 56 23 23

						oine strae	Rd dero										id	ЪХ	
		¶ N	4			ak H						C		Date Perioe k Hou	d: 4	-21-2 :00 P :30 P	M to		
				Alpine Kd	↓ TE	↓ % ↓ 1, ↓ 1, ↓ 1 ↓	U		82 173 0	E E W S TOT	B 'B () B () B ()	₩ %: - 0.0% 0.7% 0.2% 0.4%	PHF - 0.76 0.90 0.93 0.92		↓		9		- 070
			C	norio	_														
Two-H		ount	Sumn		5		Arasti	radero			Alpir	ne Rd			Alpi	ne Rd		15 min	Polling
Two-H Inter Sta	val) ound		UT	West	bound	RT	UT	<u> </u>	bound	RT	UT	South	bound	RT	15-min Total	Rolling One Hour
Inter Sta 4:00	val rt PM	UT 0	C Eastb LT 0	ound TH 0	RT 0	UT 0	Westl LT 28	bound TH 0	RT 21	UT 0	North LT 0	bound TH 84	RT 46	UT 0	South LT 13	ibound TH 79	RT 0	Total 271	One Hour
Inter Sta 4:00 4:15	val rt PM PM	UT 0 0	C Eastb LT 0 0	ound TH 0 0	RT 0 0	0 0	Westl LT 28 25	bound TH 0 0	21 10	0 0	North LT 0 0	bound TH 84 77	46 34	0 0	South LT 13 15	nbound TH 79 72	0 0	Total 271 233	One Hour 0 0
Inter Star 4:00 4:15 4:30	val rt PM PM PM	UT 0 0 0	C Eastb LT 0 0 0	ound TH 0 0 0	RT 0 0	0 0 0	Westl LT 28 25 35	bound TH 0 0 0	21 10 15	0 0 0	North LT 0 0 0	bound TH 84 77 81	46 34 36	0 0 0	South LT 13 15 17	nbound TH 79 72 84	0 0 0	Total 271 233 268	One Hour 0 0 0
Inter Sta 4:00 4:15 4:30 4:45	val rt PM PM PM PM	UT 0 0 0 0	C Eastb LT 0 0 0 0 0	ound TH 0 0 0 0 0	RT 0 0 0 0	0 0 0 0	Westl LT 28 25 35 33	bound TH 0 0 0 0 0	21 10 15 21	0 0 0 0	North LT 0 0 0 0	bound TH 84 77 81 49	46 34 36 37	0 0 0 0	South LT 13 15 17 15	1bound TH 79 72 84 94	0 0 0 0	Total 271 233 268 249	One Hour 0 0 1,021
Inter Star 4:00 4:15 4:30	val rt PM PM PM PM PM	UT 0 0 0	C Eastb LT 0 0 0	ound TH 0 0 0	RT 0 0	0 0 0	Westl LT 28 25 35	bound TH 0 0 0	21 10 15	0 0 0	North LT 0 0 0	bound TH 84 77 81	46 34 36	0 0 0	South LT 13 15 17	nbound TH 79 72 84	0 0 0	Total 271 233 268	One Hour 0 0 0
Inter Sta 4:00 4:15 4:30 4:45 5:00	val rt PM PM PM PM PM PM	UT 0 0 0 0 0 0	0 Eastb LT 0 0 0 0 0 0 0	ound TH 0 0 0 0 0 0 0	RT 0 0 0 0 0	0 0 0 0 0	West LT 28 25 35 33 47	bound TH 0 0 0 0 0 0 0	21 10 15 21 20	0 0 0 0	North LT 0 0 0 0 0 0	bound TH 84 77 81 49 78	46 34 36 37 37	0 0 0 0 0	South LT 13 15 17 15 15 15	nbound TH 79 72 84 94 74	0 0 0 0 0	Total 271 233 268 249 271	One Hour 0 0 1,021 1,021
Inter Sta 4:00 4:15 4:30 4:45 5:00 5:15	val rt PM PM PM PM PM PM PM	UT 0 0 0 0 0 0 0	0 Eastb LT 0 0 0 0 0 0 0	ound TH 0 0 0 0 0 0 0	RT 0 0 0 0 0 0	0 0 0 0 0 0	Westl LT 28 25 35 33 47 58	bound TH 0 0 0 0 0 0 0	21 10 15 21 20 26	0 0 0 0 0	North LT 0 0 0 0 0 0 0	bound TH 84 77 81 49 78 78 71	46 34 36 37 37 34	0 0 0 0 0	South LT 13 15 17 15 15 15	nbound TH 79 72 84 94 74 94 94	0 0 0 0 0	Total 271 233 268 249 271 294	One Hour 0 0 1,021 1,021 1,021 1,082
Inter Star 4:00 4:15 4:30 4:45 5:00 5:15 5:30	val rt PM PM PM PM PM PM PM PM Total	UT 0 0 0 0 0 0 0 0 0 0	Castb LT 0 0 0 0 0 0 0 0 0 0 0	ound TH 0 0 0 0 0 0 0 0 0 0	RT 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	Westl LT 28 25 35 33 47 58 38 58 322	bound TH 0 0 0 0 0 0 0 0 0 0	21 10 15 21 20 26 24 9 146	0 0 0 0 0 0 0 0 0	North LT 0 0 0 0 0 0 0 0 0 0 0	bound TH 84 77 81 49 78 71 61 33 534	46 34 36 37 37 34 24 21 269	0 0 0 0 0 0 0 0 0	South LT 13 15 17 15 15 15 11 14 8 108	bound TH 79 72 84 94 74 94 80 92 669	0 0 0 0 0 0 0 0 0	Total 271 233 268 249 271 294 241 221 2,048	One Hour 0 0 1,021 1,021 1,022 1,055 1,027 0
Inter Star 4:00 4:15 4:30 4:45 5:00 5:15 5:30 5:45	val rt PM PM PM PM PM PM PM PM Total All	UT 0 0 0 0 0 0 0 0 0 0 0	Castb LT 0 0 0 0 0 0 0 0 0 0 0 0	ound TH 0 0 0 0 0 0 0 0 0 0 0 0	RT 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	West LT 28 25 35 33 47 58 38 58 322 173	bound TH 0 0 0 0 0 0 0 0 0 0 0	21 10 15 21 20 26 24 9 146 82	0 0 0 0 0 0 0 0 0 0	North LT 0 0 0 0 0 0 0 0 0 0 0 0	bound TH 84 77 81 49 78 71 61 33 534 279	46 34 36 37 37 34 24 21 269 144	0 0 0 0 0 0 0 0 0 0	South LT 13 15 17 15 15 15 11 14 8 108 58	bound TH 79 72 84 94 74 94 80 92 669 346	0 0 0 0 0 0 0 0 0 0	Total 271 233 268 249 271 294 241 221 2,048 1,082	One Hour 0 0 1,021 1,021 1,082 1,055 1,027 0 0 0 0
Inter Star 4:00 4:15 4:30 4:45 5:00 5:15 5:30 5:45 Count	val rt PM PM PM PM PM PM PM PM Total AII HV	UT 0 0 0 0 0 0 0 0 0 0 0 0 0	C Eastb LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ound TH 0 0 0 0 0 0 0 0 0 0 0 0 0	RT 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	West LT 28 25 35 33 47 58 38 58 322 173 0	bound TH 0 0 0 0 0 0 0 0 0 0 0 0 0	21 10 15 21 20 26 24 9 146 82 0	0 0 0 0 0 0 0 0 0 0 0	North LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	bound TH 84 77 81 49 78 71 61 33 534 279 2	46 34 36 37 37 34 24 21 269 144 1	0 0 0 0 0 0 0 0 0 0 0 0	South LT 13 15 17 15 15 15 11 14 8 108 58 0	bound TH 79 72 84 94 74 94 80 92 669 346 1	0 0 0 0 0 0 0 0 0 0	Total 271 233 268 249 271 294 241 221 2,048 1,082 4	One Hour 0 0 1,021 1,021 1,082 1,055 1,027 0 0 0 0 0 0
Inter Sta 4:00 4:15 4:30 4:45 5:00 5:15 5:30 5:45 Count Peak	val rt PM PM PM PM PM PM PM PM Total AII HV HV%	UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Castb LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ound TH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Westi LT 28 25 35 33 47 58 38 58 322 173 0 0%	bound TH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	21 10 15 21 20 26 24 9 146 82 0 0%	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	North LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	bound TH 84 77 81 49 78 71 61 33 534 279 2 1%	46 34 36 37 34 24 21 269 144 1 1 %	0 0 0 0 0 0 0 0 0 0	South LT 13 15 17 15 15 15 11 14 8 108 58	bound TH 79 72 84 94 74 94 80 92 669 346	0 0 0 0 0 0 0 0 0 0	Total 271 233 268 249 271 294 241 221 2,048 1,082	One Hour 0 0 1,021 1,021 1,082 1,055 1,027 0 0 0 0
Inter Sta 4:00 4:15 4:30 4:45 5:00 5:15 5:30 5:45 Count Peak Hour Note: Tw	val rt PM PM PM PM PM PM PM Total AII HV HV% vo-hour	UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C Eastb LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ound TH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Westi LT 28 25 35 33 47 58 38 58 322 173 0 0%	bound TH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	21 10 15 21 20 26 24 9 146 82 0 0%	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	North LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	bound TH 84 77 81 49 78 71 61 33 534 279 2 1%	46 34 36 37 34 24 21 269 144 1 1 %	0 0 0 0 0 0 0 0 0 0 0 0	South LT 13 15 17 15 15 11 14 8 108 58 0 0%	bound TH 79 72 84 94 74 94 80 92 669 346 1 0%	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total 271 233 268 249 271 294 241 2,048 1,082 4 0%	One Hour 0 0 1,021 1,021 1,021 1,082 1,055 1,027 0 0 0 0 0 0
Inter Sta 4:00 4:15 5:00 5:15 5:30 5:45 Count Peak Hour	val rt PM PM PM PM PM PM PM PM PM Total AII HV HV% Vo-hour	UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C Eastb LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ound TH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Westi LT 28 25 35 33 47 58 38 58 322 173 0 0%	bound TH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	21 10 15 21 20 26 24 9 146 82 0 0%	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	North LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	bound TH 84 77 81 49 78 71 61 33 534 279 2 1%	46 34 36 37 34 24 21 269 144 1 1 %	0 0 0 0 0 0 0 0 0 0 0 0	South LT 13 15 17 15 15 11 14 8 108 58 0 0%	bound TH 79 72 84 94 74 94 80 92 669 346 1 0%	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total 271 233 268 249 271 294 241 221 2,048 1,082 4 0%	One Hour 0 0 1,021 1,021 1,025 1,055 1,027 0 0 0 0 0 9)
Inter Sta 4:00 4:15 4:30 4:45 5:00 5:15 5:30 5:45 Count Peak Hour Note: Tw Inter	val rt PM PM PM PM PM PM PM PM PM Total AII HV% Wo-hour vo-hour val rt	UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C Eastb LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ound TH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Westi LT 28 25 35 33 47 58 38 58 322 173 0 0%	bound TH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	21 10 15 21 20 26 24 9 146 82 0 0% ut exclu	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	North LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	bound TH 84 77 81 49 78 71 61 33 534 279 2 1% overall	46 34 36 37 34 24 21 269 144 1 1% <i>count.</i>	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	South LT 13 15 17 15 15 11 14 8 108 58 0 0%	bound TH 79 72 84 94 74 94 80 92 669 346 1 0%	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total 271 233 268 249 271 294 241 221 2,048 1,082 4 0%	One Hour 0 0 0 1,021 1,021 1,055 1,027 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Inter Sta 4:00 4:15 5:00 5:15 5:30 5:45 Count Peak Hour Note: Tw Note: Tw Inter Sta 4:00 4:15	val rt PM PM PM PM PM PM PM PM Total AII HV% Wo-hour Val rt PM PM	UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C Eastb LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ound TH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Westl LT 28 25 35 33 47 58 38 58 322 173 0 0% eavy veh Total 4 3	bound TH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	21 10 15 21 20 26 24 9 146 82 0 0% Ut exclu WB 1 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	North LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	bound TH 84 77 81 49 78 71 61 33 534 279 2 1% overall SB 2 3	46 34 36 37 37 24 21 269 144 1 1% count.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	South LT 13 15 17 15 15 11 14 8 108 58 0 0%	bound TH 79 72 84 94 74 94 80 92 669 346 1 0% edestria West 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total 271 233 268 249 271 294 241 221 2,048 1,082 4 0%	One Hour 0 0 1,021 1,021 1,025 1,055 1,027 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1
Inter Sta 4:00 4:15 5:00 5:15 5:30 5:45 Count Peak Hour Note: Tw Note: Tw Inter Sta 4:00 4:15	val rt PM PM PM PM PM PM PM PM Total AII HV HV% vo-hour val rt PM PM PM	UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 Eastb LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ound TH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Westl LT 28 25 35 33 47 58 38 58 322 173 0 0% eavy veh Total 4 3 1	bound TH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	21 10 15 21 20 26 24 9 146 82 0 0% Ut exclu WE 1 2 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	North LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	bound TH 84 77 81 49 78 71 61 33 534 279 2 1% overall SB 2 3 1	46 34 36 37 37 24 21 269 144 1 1% count.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	South LT 13 15 17 15 15 11 14 8 108 58 0 0%	bound TH 79 72 84 94 74 94 80 92 669 346 1 0% edestria West 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total 271 233 268 249 271 294 241 221 2,048 1,082 4 0%	One Hour 0 0 0 1,021 1,021 1,055 1,055 1,027 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 2 1 2
Inter Sta 4:00 4:15 5:00 5:15 5:30 5:45 Count Peak Hour Note: Tw Note: Tw Inter Sta 4:00 4:15 4:30 4:45	val rt PM PM PM PM PM PM PM PM Total AII HV HV% Vo-hour Val rt PM PM PM PM PM	UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 Eastb LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ound TH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Westl LT 28 25 35 33 47 58 38 58 322 173 0 0% 0% 0% D0% D0% Total 4 3 1 1	bound TH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	21 10 15 21 20 26 24 9 146 82 0 0% ut exclu WE 1 2 3 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	North LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	bound TH 84 77 81 49 78 71 61 33 534 279 2 1% overall SB 2 3 1 4	46 34 36 37 37 24 21 269 144 1 1% count. Total 6 8 8 9	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	South LT 13 15 17 15 15 11 14 8 108 58 0 0%	bound TH 79 72 84 94 74 94 80 92 669 346 1 0% 846 1 0% 846 10% 846 10% 92 669 346 10% 92 669 346 10% 94 80 92 669 346 10% 94 94 94 94 94 94 94 94 94 94 94 94 94	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total 271 233 268 249 271 294 241 221 2,048 1,082 4 0%	One Hour 0 0 1,021 1,021 1,025 1,055 1,027 0 0 0 0 0 0 0 0 0
Inter Sta 4:00 4:15 5:00 5:15 5:30 5:45 Count Peak Hour Note: Tw Inter Sta 4:00 4:15 4:30 4:45 5:00	val rt PM PM PM PM PM PM PM PM Total AII HV HV% Vo-hour Vo-hour Vo-hour	UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C Eastb LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ound TH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Westl LT 28 25 35 33 47 58 38 58 322 173 0 0% 0% 58 222 173 0 0% 58 322 173 0 173 0 2 3 1 1 2	bound TH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	21 10 15 21 20 26 24 9 146 82 0 % ut exclu WB 1 2 3 0 0 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	North LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	bound TH 84 77 81 49 78 71 61 33 534 279 2 1% overall SB 2 3 1 4 0	46 34 36 37 37 24 21 269 144 1 1% count. Total 6 8 8 9 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	South LT 13 15 17 15 15 11 14 8 108 58 0 0%	bound TH 79 72 84 94 74 94 80 92 669 346 1 0% 80 80 80 80 80 80 80 80 80 80 80 80 80	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total 271 233 268 249 271 294 241 221 2,048 1,082 4 0% rossing Let th 0 0 0 0 0 0 0 0 0 0 0 0 0 0	One Hour 0 0 0 1,021 1,021 1,055 1,055 1,027 0 0 0 0 0 0 0 0 0 1 2 1 2 1 2 1 0
Inter Sta 4:00 4:15 5:00 5:15 5:30 5:45 Count Peak Hour Note: Tw Inter Sta 4:00 4:15 4:30 4:45 5:00 5:15	val rt PM PM PM PM PM PM PM PM Total AII HV HV% Vo-hour Val rt PM PM PM PM PM PM	UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C Eastb LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ound TH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Westl LT 28 25 35 33 47 58 38 58 322 173 0 % 0% 58 222 173 0 % 58 322 173 0 7 58 322 173 0 7 6 7 7 7 8 7 7 8 7 8 7 8 7 8 7 8 7 8 7	bound TH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	21 10 15 21 20 26 24 9 146 82 0 % ut exclu WB 1 2 3 0 0 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	North LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	bound TH 84 77 81 49 78 71 61 33 534 279 2 1% overall SB 2 3 1 4 0 0	46 34 36 37 37 24 21 269 144 1 1% count. Total 6 8 8 9 2 2 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	South LT 13 15 17 15 15 11 14 8 108 58 0 0%	bound TH 79 72 84 94 74 94 80 92 669 346 1 0% 80 92 669 346 1 0% 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total 271 233 268 249 271 294 241 221 2,048 1,082 4 0%	One Hour 0 0 0 1,021 1,021 1,025 1,027 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3
Inter Sta 4:00 4:15 5:00 5:15 5:30 5:45 Count Peak Hour Note: Tw Inter Sta 4:00 4:15 4:30 4:45 5:00 5:15 5:30	val rt PM PM PM PM PM PM PM PM Total AII HV HV% Vo-hour Vo-hour Vo-hour Vo-hour PM PM PM PM PM PM	UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C Eastb LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ound TH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Westl LT 28 25 35 33 47 58 38 58 322 173 0 % 0% 58 322 173 0 % 58 322 173 0 % 7 7 7 8 7 7 8 7 8 7 8 8 7 8 7 8 7 8 7	bound TH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	21 10 15 21 20 26 24 9 146 82 0 % ut exclu Ut exclu 1 2 3 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	North LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	bound TH 84 77 81 49 78 71 61 33 534 279 2 1% overall SB 2 3 1 4 0 0 0	46 34 36 37 37 24 21 269 144 1 1% count. Total 6 8 8 9 2 2 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	South LT 13 15 17 15 15 11 14 8 108 58 0 0%	bound TH 79 72 84 94 74 94 80 92 669 346 1 0% 80 92 669 346 1 0% 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total 271 233 268 249 271 294 241 221 2,048 1,082 4 0% cossing Let th 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	One Hour 0 0 0 1,021 1,021 1,025 1,027 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3 0
Inter Sta 4:00 4:15 5:00 5:15 5:30 5:45 Count Peak Hour Note: Tw Inter Sta 4:00 4:15 4:30 4:45 5:00 5:15	val rt PM PM PM PM PM PM PM PM Total AII HV HV% Vo-hour Vo-hour Vo-hour Vo-hour PM PM PM PM PM PM PM	UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C Eastb LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ound TH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Westl LT 28 25 35 33 47 58 38 58 322 173 0 % 0% 58 222 173 0 % 58 322 173 0 7 58 322 173 0 7 6 7 7 7 8 7 7 8 7 8 7 8 7 8 7 8 7 8 7	bound TH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	21 10 15 21 20 26 24 9 146 82 0 % ut exclu WB 1 2 3 0 0 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	North LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	bound TH 84 77 81 49 78 71 61 33 534 279 2 1% overall SB 2 3 1 4 0 0	46 34 36 37 37 24 21 269 144 1 1% count. Total 6 8 8 9 2 2 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	South LT 13 15 17 15 15 11 14 8 108 58 0 0%	bound TH 79 72 84 94 74 94 80 92 669 346 1 0% 80 92 669 346 1 0% 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total 271 233 268 249 271 294 241 221 2,048 1,082 4 0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	One Hour 0 0 1,021 1,021 1,082 1,055 1,027 0 0 0 0 0 0 0 0 0

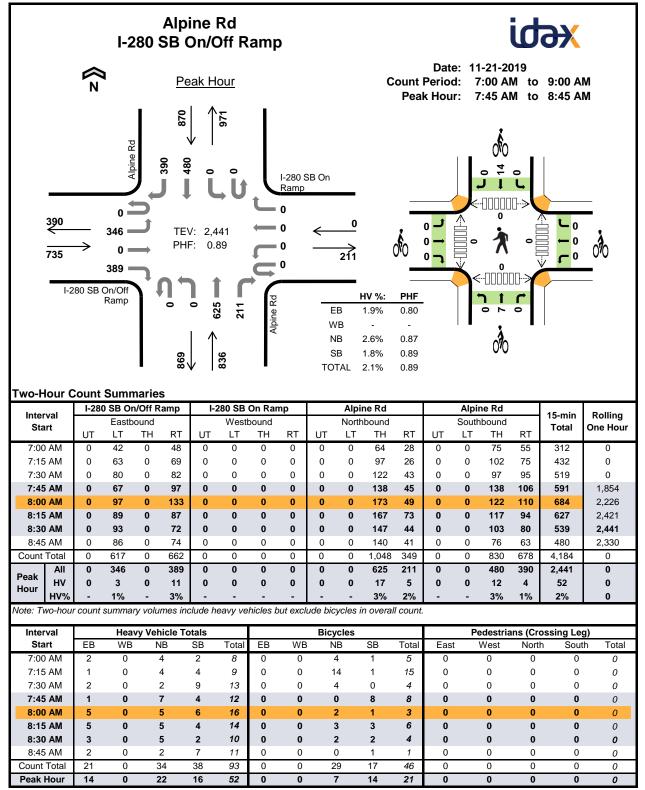
Interval Start				radero			Alpi	ne Rd			Alpir	ne Rd	45 min	Delling				
	Eastbound				Westbound					North	bound			South	bound	15-min Total	Rolling One Hour	
	UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	TH	RT	TOLAT	One Hour
4:00 PM	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	4	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	3	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	9
5:00 PM	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2	7
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5:30 PM	0	0	0	0	0	0	0	1	0	0	2	1	0	0	0	0	4	7
5:45 PM	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	2	8
Count Total	0	0	0	0	0	1	0	1	0	0	9	2	0	1	3	0	17	0
Peak Hour	0	0	0	0	0	0	0	0	0	0	2	1	0	0	1	0	4	0
Interval	0 Eastbound				Arastradero Westbound					•	ne Rd				ne Rd bound	15-min	Rolling	
Start	LT	T		RT	LT TH RT		RT	LT		TH RT		LT TH RT				Total	One Hou	
4:00 PM	0)	0	1		0	0	0		2	1	0		2	0	6	0
4:15 PM	0	()	0	0		0	2	0		2	1	3	(0	0	8	0
4:30 PM	0	()	0	1		0	2	0		3	1	0		1	0	8	0
4:45 PM	0	()	0	0		0	0	0		5	0	2	:	2	0	9	31
5:00 PM	0	()	0	1		0	0	0		0	1	0	(D	0	2	27
5:15 PM	0	()	0	0		0	0	0		2	0	0		D	0	2	21
5:30 PM	0	()	0	0		0	0	0		0	0	0	(D	0	0	13
5:45 PM	0	()	0	0		0	0	0		0	0	0	(D	0	0	4
Count Total	0	()	0	3		0	4	0	1	14	4	5	:	5	0	35	0
oouni rotui)	0	2		0	2	0		0	2	2		3	0	21	0



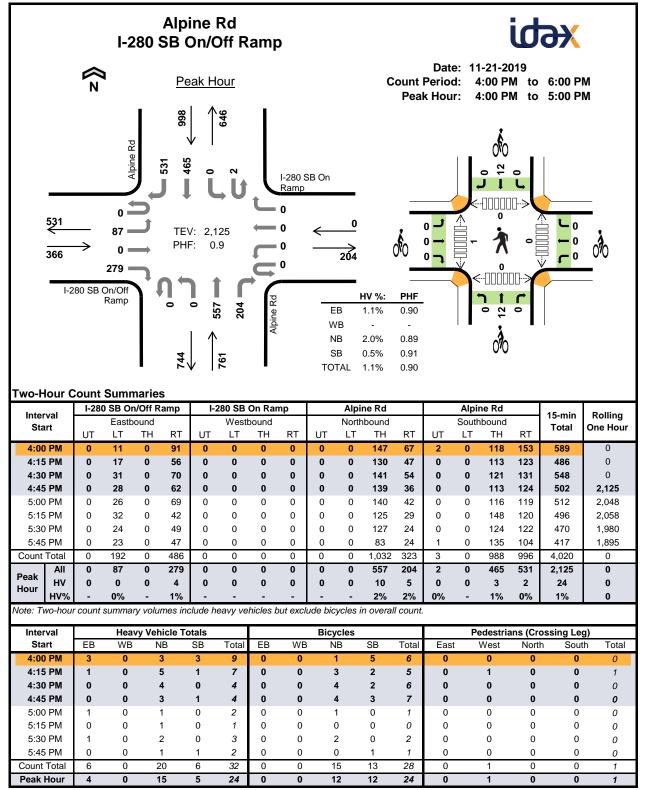
Interval Start	I-2	80 NB	On Rai	mp	I-2	mp		Alpir	ne Rd			Alpir	ne Rd	45	Delling			
		Eastb		Westbound					North	bound			South	bound	- 15-min Total	Rolling One Hour		
	UT	LT	TH	RT	UT	LT	ΤН	RT	UT	LT	TH	RT	UT	LT	TH	RT	Iotal	One Hour
7:00 AM	0	0	0	0	0	1	0	6	0	0	3	0	0	0	1	0	11	0
7:15 AM	0	0	0	0	0	4	0	2	0	3	1	0	0	0	0	0	10	0
7:30 AM	0	0	0	0	0	4	0	1	0	0	2	0	0	0	5	0	12	0
7:45 AM	0	0	0	0	0	2	0	6	0	2	5	0	0	0	3	0	18	51
8:00 AM	0	0	0	0	0	1	0	2	0	3	3	0	0	0	4	0	13	53
8:15 AM	0	0	0	0	0	1	0	2	0	0	3	0	0	0	3	0	9	52
8:30 AM	0	0	0	0	0	1	0	1	0	1	3	0	0	0	1	1	8	48
8:45 AM	0	0	0	0	0	2	0	2	0	1	1	0	0	0	5	1	12	42
Count Total	0	0	0	0	0	16	0	22	0	10	21	0	0	0	22	2	93	0
Peak Hour	0	0	0	0	0	8	0	11	0	5	13	0	0	0	15	0	52	0
Interval	I-280 NB On Ramp				I-280 NB Off Ramp						ne Rd				ne Rd	15-min	Rolling	
	Eastbound				Westbound						bound				bound	-	Rolling One Hour	
Start	LT	т	н	RT	LT	Т	Ή	RT	LT	Т	н	RT	LT	Т	н	RT	Total	One Hou
7:00 AM	0	()	0	0		0	0	0	-	5	0	0		1	0	6	0
7:15 AM	0	()	0	0		0	0	0	1	4	0	0		1	0	15	0
7:30 AM	0	(כ	0	0		0	0	0		4	0	0		0	0	4	0
7:45 AM	0	(נ	0	0		0	0	0		0	0	0		8	0	8	33
8:00 AM	0	()	0	0	(0	0	0		2	0	0		1	0	3	30
8:15 AM	0	(כ	0	0		0	0	0		2	0	0	;	3	0	5	20
8:30 AM	0	()	0	0		0	0	0		2	0	0	:	2	0	4	20
8:45 AM	0	()	0	0		0	0	0		0	0	0		1	0	1	13
Count Total	0	()	0	0		0	0	0	2	29	0	0	1	7	0	46	0
Peak Hour	0)	0	0		0	0	0		8	0	0	1	2	0	20	0



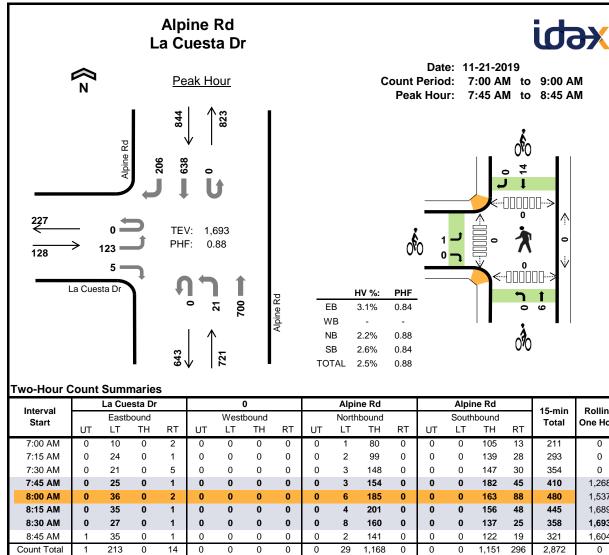
Interval Start	I-2	80 NB	On Rai	mp	I-280 NB Off Ramp Westbound					Alpir	ne Rd			Alpir	ne Rd	15-min Total	Rolling One Hour	
		Eastb	ound							North	bound			South	bound			
	UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	TH	RT	Total	one nour
4:00 PM	0	0	0	0	0	1	0	0	0	1	2	0	0	0	1	1	6	0
4:15 PM	0	0	0	0	0	1	0	0	0	2	1	0	0	0	0	0	4	0
4:30 PM	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	1	4	0
4:45 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	3	17
5:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	12
5:15 PM	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2	10
5:30 PM	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	3	9
5:45 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	3	5	11
Count Total	0	0	0	0	0	3	0	1	0	8	6	0	0	0	3	7	28	0
Peak Hour	0	0	0	0	0	2	0	0	0	7	3	0	0	0	2	3	17	0
Interval	I-280 NB On Ramp Eastbound			I-280 NB Off Ramp Westbound					<u> </u>	ne Rd bound				ne Rd	15-min	Rolling		
Start	LT	Lasit		RT	LT		'H	RT	LT		H	RT	LT		H	RT	Total	One Ho
4:00 PM	0	()	0	0		0	0	0		1	0	0		5	0	6	0
4:15 PM	0	()	0	0	(0	0	0	;	3	0	0	:	2	0	5	0
4:30 PM	0	()	0	0		0	0	0		4	0	0	:	2	0	6	0
4:45 PM	0	(5	0	0	(0	0	0		4	0	0	:	3	0	7	24
5:00 PM	0	()	0	0		0	0	0		1	0	0		0	0	1	19
5:15 PM	0	()	0	0		0	0	0		0	0	0		0	0	0	14
5:30 PM	0	()	0	0	(0	0	0	:	2	0	0	(0	0	2	10
5:45 PM	0	()	0	0	(0	0	0		0	0	0		1	0	1	4
Count Total	0	()	0	0		0	0	0	1	5	0	0	1	3	0	28	0
)	0	0		0	0	0		2	0	0		2	0	24	0



Interval Start	I-280	SB OI	amp	I-2	On Ra	amp		Alpiı	ne Rd			Alpir	ne Rd	45	Delling			
		Eastb		Westbound					North	bound			South	bound	15-min Total	Rolling One Hour		
	UT	LT	ΤН	RT	UT	LT	ΤН	RT	UT	LT	TH	RT	UT	LT	TH	RT	Iotal	One Hour
7:00 AM	0	1	0	1	0	0	0	0	0	0	2	2	0	0	2	0	8	0
7:15 AM	0	0	0	1	0	0	0	0	0	0	4	0	0	0	4	0	9	0
7:30 AM	0	0	0	2	0	0	0	0	0	0	2	0	0	0	8	1	13	0
7:45 AM	0	1	0	0	0	0	0	0	0	0	6	1	0	0	4	0	12	42
8:00 AM	0	2	0	3	0	0	0	0	0	0	4	1	0	0	5	1	16	50
8:15 AM	0	0	0	5	0	0	0	0	0	0	3	2	0	0	2	2	14	55
8:30 AM	0	0	0	3	0	0	0	0	0	0	4	1	0	0	1	1	10	52
8:45 AM	0	0	0	2	0	0	0	0	0	0	2	0	0	0	4	3	11	51
Count Total	0	4	0	17	0	0	0	0	0	0	27	7	0	0	30	8	93	0
Peak Hour	0	3	0	11	0	0	0	0	0	0	17	5	0	0	12	4	52	0
Interval	I-280 SB On/Off Ramp				I-2	80 SB					ne Rd				ne Rd	15-min	Rolling	
Start	Eastbound			Westbound						bound				bound	Total	One Hou		
	LT	Т		RT	LT		Ή	RT	LT		Ή	RT	LT		Ή	RT		
7:00 AM	0	(0	0		0	0	0		4	0	0		1	0	5	0
7:15 AM	0	(-	0	0		0	0	0		4	0	0		1	0	15	0
7:30 AM	0	(0	0		0	0	0		4	0	0		0	0	4	0
7:45 AM	0	(0	0		0	0	0		0	0	0		8	0	8	32
8:00 AM	0	(0	0		0	0	0		2	0	0		1	0	3	30
8:15 AM	0	(0	0		0	0	0		3	0	0		3	0	6	21
8:30 AM	0	(0	0		0	0	0		2	0	0		2	0	4	21
8:45 AM	0	(0	0		0	0	0		0	0	0		1	0	1	14
Count Total	0	(-	0	0		0	0	0		29	0	0		7	0	46	0
Peak Hour	0	(0	0		0	0	0		7	0	0	1	4	0	21	0



I	I-280	SB O	n/Off R	amp	I-2	80 SB	On Ra	mp		Alpir	ne Rd			Alpir	ne Rd		45	Delline
Interval Start		Eastb	ound			West	bound			North	bound			South	bound		15-min Total	Rolling One Hou
Start	UT	LT	TH	RT	UT	LT	ΤН	RT	UT	LT	TH	RT	UT	LT	TH	RT	TOLAT	One Hou
4:00 PM	0	0	0	3	0	0	0	0	0	0	3	0	0	0	1	2	9	0
4:15 PM	0	0	0	1	0	0	0	0	0	0	3	2	0	0	1	0	7	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	4	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	1	2	0	0	1	0	4	24
5:00 PM	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2	17
5:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	11
5:30 PM	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	3	10
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2	8
Count Total	0	0	0	6	0	0	0	0	0	0	14	6	0	0	4	2	32	0
Peak Hour	0	0	0	4	0	0	0	0	0	0	10	5	0	0	3	2	24	0
Interval	1-280	Eastb	n/Off R	amp	1-2	80 SB	on Ra	mp			ne Rd bound				ne Rd		15-min	Rolling
Start	LT	T		RT	LT		Н	RT	LT		H	RT	LT		H	RT	Total	One Hou
4:00 PM	0	()	0	0	(0	0	0		1	0	0	:	5	0	6	0
4:15 PM	0	()	0	0	(0	0	0		3	0	0	:	2	0	5	0
4:30 PM	0	()	0	0		0	0	0		4	0	0	:	2	0	6	0
4:45 PM	0	()	0	0		0	0	0		4	0	0	:	3	0	7	24
5:00 PM	0	()	0	0		0	0	0		1	0	0		0	0	1	19
5:15 PM	0	()	0	0		0	0	0		0	0	0		0	0	0	14
5:30 PM	0	()	0	0		0	0	0		2	0	0		0	0	2	10
5:45 PM	0	()	0	0		0	0	0		0	0	0		1	0	1	4
A	0	()	0	0		0	0	0	1	5	0	0	1	3	0	28	0
Count Total)	0	0		0	0	0		2	0	0		2	0	24	0



	HV%	-	3%	-	0%	-	-	-	-	-	0%	2%	-
Note: Tu	vo-hour	count	summar	y volu	mes incl	lude he	avy veł	nicles bi	ut exclu	ide bicy	/cles in (overall d	ount.

-

Interval		Heavy	Vehicle	Totals				Bicycles				Pedestria	ans (Cross	ing Leg)	
Start	EB	WB	NB	SB	Total	EB	WB	NB	SB	Total	East	West	North	South	Total
7:00 AM	1	0	1	3	5	0	0	3	1	4	0	0	0	0	0
7:15 AM	1	0	3	5	9	0	0	13	2	15	1	0	0	0	1
7:30 AM	1	0	1	8	10	2	0	3	0	5	1	0	0	0	1
7:45 AM	1	0	5	4	10	0	0	0	8	8	0	0	0	0	0
8:00 AM	1	0	3	6	10	0	0	2	1	3	0	0	0	0	0
8:15 AM	1	0	4	8	13	0	0	3	3	6	0	0	0	0	0
8:30 AM	1	0	4	4	9	1	0	1	2	4	0	0	0	0	0
8:45 AM	0	0	2	5	7	0	0	1	1	2	0	0	0	0	0
Count Total	7	0	23	43	73	3	0	26	18	47	2	0	0	0	2
Peak Hr	4	0	16	22	42	1	0	6	14	21	0	0	0	0	0

0%

2%

3%

1%

All

нν

HV%

Peak

Hour

-

3%

0%

Rolling

One Hour

1,268

1,537

1,689

1,693

1,604

ø

15-min

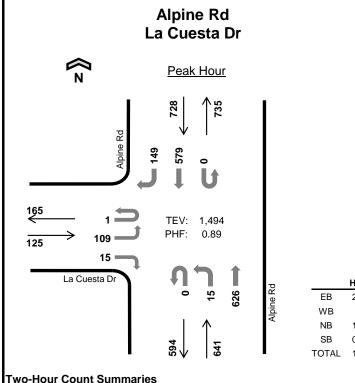
Total

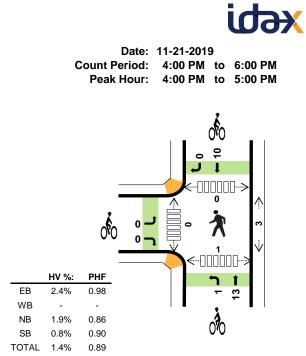
2,872

1,693

2%

Interval		La Cue	sta Dr			0				Alpi	ne Rd			Alpir	ne Rd		15-min	Rolling
Start		Eastbo	ound			Westb	ound			North	bound			South	bound		Total	One Hou
Start	UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	ΤН	RT	Total	One nou
7:00 AM	0	1	0	0	0	0	0	0	0	0	1	0	0	0	3	0	5	0
7:15 AM	0	1	0	0	0	0	0	0	0	0	3	0	0	0	5	0	9	0
7:30 AM	0	1	0	0	0	0	0	0	0	0	1	0	0	0	7	1	10	0
7:45 AM	0	1	0	0	0	0	0	0	0	0	5	0	0	0	3	1	10	34
8:00 AM	0	1	0	0	0	0	0	0	0	0	3	0	0	0	6	0	10	39
8:15 AM	0	1	0	0	0	0	0	0	0	0	4	0	0	0	8	0	13	43
8:30 AM	0	1	0	0	0	0	0	0	0	0	4	0	0	0	3	1	9	42
8:45 AM	0	0	0	0	0	0	0	0	0	0	2	0	0	0	5	0	7	39
Count Total	0	7	0	0	0	0	0	0	0	0	23	0	0	0	40	3	73	0
Peak Hour	0	4	0	0	0	0	0	0	0	0	16	0	0	0	20	2	42	0
Interval		La Cue				0					ne Rd				ne Rd		15-min	Rolling
Start		Eastbo		DT		Westb		DT			bound	DT			bound	DT.	Total	One Hou
	LT	TH		RT	LT	TH		RT	LT		Ή °	RT	LT			RT	4	0
7.00 414	0	0		0	0	0		0	0		3 13	0	0		1	0	4 15	0
7:00 AM		0		0 0	0	0		0 0	0		3	0 0	0		1 D	1 0	5	0
7:15 AM	-			0	-			0	0		3 0	0	0		B	0	5 8	32
7:15 AM 7:30 AM	2	0		0	•										5	U	0	52
7:15 AM 7:30 AM 7:45 AM	2 0	0		0	0	0		-	-				0		1	0	3	31
7:15 AM 7:30 AM 7:45 AM 8:00 AM	2 0 0	0)	0	0	0		0	0		2	0	0		1 3	0	3	31 22
7:15 AM 7:30 AM 7:45 AM 8:00 AM 8:15 AM	2 0 0 0	0)	0 0	0	0		0 0	0		2 3	0	0	;	3	0	6	22
7:15 AM 7:30 AM 7:45 AM 8:00 AM 8:15 AM 8:30 AM	2 0 0	0		0	0	0		0	0 0 0		2 3 1	0		:		0 0	6 4	22 21
7:15 AM 7:30 AM 7:45 AM 8:00 AM 8:15 AM	2 0 0 0 1	0 0 0 0 0 0		0 0 0	0	0 0 0		0 0 0	0		2 3	0 0 0	0	:	3 2	0	6	22

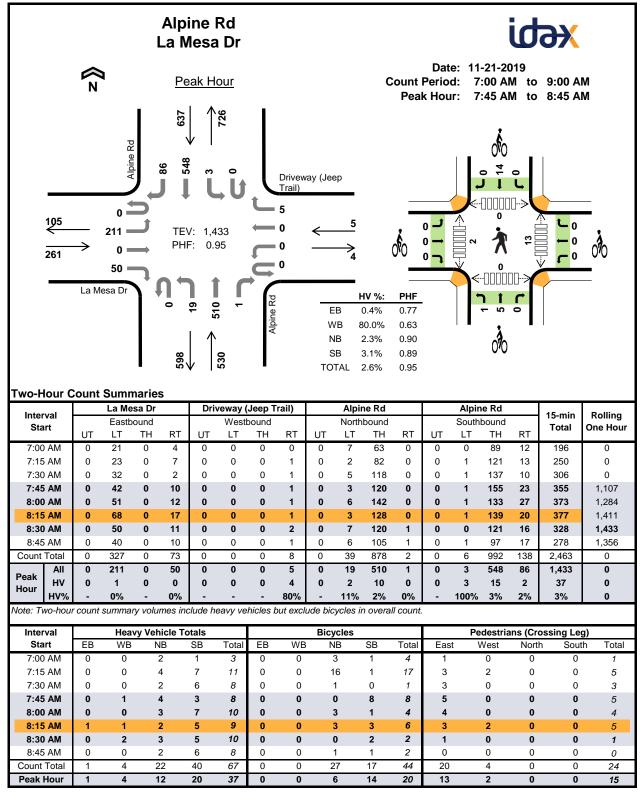




Inter	wal		La Cue	esta Dr			(0			Alpi	ne Rd			Alpi	ne Rd		4E main	Delling
Inter Sta			Eastb	bound			West	bound			North	bound			South	nbound		15-min Total	Rolling One Hour
Sla	rt	UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	ΤН	RT	UT	LT	TH	RT	TOLAI	One Hour
4:00	PM	0	27	0	4	0	0	0	0	0	11	175	0	0	0	155	47	419	0
4:15	PM	0	27	0	4	0	0	0	0	0	2	151	0	0	0	125	37	346	0
4:30	PM	0	29	0	2	0	0	0	0	0	1	159	0	0	0	151	35	377	0
4:45	PM	1	26	0	5	0	0	0	0	0	1	141	0	0	0	148	30	352	1,494
5:00	PM	0	30	0	6	0	0	0	0	0	5	143	0	0	0	151	30	365	1,440
5:15	PM	0	28	0	4	0	0	0	0	0	1	120	0	0	0	147	40	340	1,434
5:30	PM	0	32	0	3	0	0	0	0	0	5	113	0	0	0	139	34	326	1,383
5:45	PM	0	12	0	1	0	0	0	0	0	3	85	0	0	0	148	26	275	1,306
Count	Total	1	211	0	29	0	0	0	0	0	29	1,087	0	0	0	1,164	279	2,800	0
Peak	All	1	109	0	15	0	0	0	0	0	15	626	0	0	0	579	149	1,494	0
Hour	HV	0	3	0	0	0	0	0	0	0	0	12	0	0	0	5	1	21	0
noui	HV%	0%	3%	-	0%	-	-	-	-	-	0%	2%	-	-	-	1%	1%	1%	0

Interval		Heavy	Vehicle	Totals				Bicycles				Pedestria	ins (Cross	ing Leg)	
Start	EB	WB	NB	SB	Total	EB	WB	NB	SB	Total	East	West	North	South	Total
4:00 PM	1	0	2	4	7	0	0	1	4	5	1	0	0	0	1
4:15 PM	2	0	4	0	6	0	0	4	2	6	1	0	0	0	1
4:30 PM	0	0	3	1	4	0	0	5	2	7	0	0	0	1	1
4:45 PM	0	0	3	1	4	0	0	4	2	6	1	0	0	0	1
5:00 PM	1	0	0	1	2	0	0	1	1	2	1	0	0	1	2
5:15 PM	0	0	1	0	1	0	0	0	0	0	1	0	0	1	2
5:30 PM	0	0	2	1	3	0	0	1	0	1	1	0	0	1	2
5:45 PM	0	0	2	1	3	0	0	0	0	0	0	0	0	0	0
Count Total	4	0	17	9	30	0	0	16	11	27	6	0	0	4	10
Peak Hr	3	0	12	6	21	0	0	14	10	24	3	0	0	1	4

Interval		La Cue	esta Di			0				Alpin	e Rd			Alpir	ne Rd		15-min	Rolling
Start		Eastb	ound			Westb	ound			Northb	bound			South	bound		Total	One Hou
otart	UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	TH	RT	Total	oneneu
4:00 PM	0	1	0	0	0	0	0	0	0	0	2	0	0	0	3	1	7	0
4:15 PM	0	2	0	0	0	0	0	0	0	0	4	0	0	0	0	0	6	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	4	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	4	21
5:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	16
5:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	11
5:30 PM	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	3	10
5:45 PM	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	3	9
Count Total	0	4	0	0	0	0	0	0	0	1	16	0	0	0	8	1	30	0
Peak Hour	0	3	0	0	0	0	0	0	0	0	12	0	0	0	5	1	21	0
wo-nour (Count	Sumr	narie	s - Bil	kes													
		Sumr			kes	0	1			Alpin	e Rd			Alpir	ne Rd		45 .	
Interval			esta Di		kes	0 Westb				Alpin Northb					ie Rd bound		15-min	Rolling
		La Cue	esta Di ound		LT	-	ound	RT	LT		oound	RT	LT		bound	RT	· 15-min Total	Rolling One Hou
Interval		La Cue Eastb	esta Dr oound H			Westb	ound H	RT 0	LT 0	Northb	bound H	RT 0	LT 0	South T	bound	RT 0		
Interval Start	LT	La Cue Eastb T	esta Dr bound H	RT	LT	Westb Th	ound H			Northb Th	oound H			South T	bound H		Total	One Hou
Interval Start 4:00 PM	LT 0	La Cue Eastb T	esta Dr bound H D	RT 0	LT 0	Westb TH	ound H	0	0	Northb Th	bound H	0	0	South T	bound H 4	0	Total	One Hou
Interval Start 4:00 PM 4:15 PM	LT 0 0	La Cue Eastb T (esta Di bound H D D D	RT 0 0	LT 0 0	Westb TH 0	ound H	0 0	0 1	Northb Th 1	bound H B 5	0 0	0 0	South T	bound H 1 2	0 0	Total 5 6	One Hou 0 0
Interval Start 4:00 PM 4:15 PM 4:30 PM	LT 0 0 0	La Cue Eastb T ((esta Dr bound H D D D D D	RT 0 0 0	LT 0 0 0	Westb TH 0 0	oound H	0 0 0	0 1 0	Northb TH 1 3 5	bound H B B B	0 0 0	0 0 0	South T	bound H 2 2 2	0 0 0	Total 5 6 7	One Hou 0 0
Interval Start 4:00 PM 4:15 PM 4:30 PM 4:45 PM	LT 0 0 0 0	La Cue Eastb T (((((esta Dr bound H D D D D D	RT 0 0 0 0 0	LT 0 0 0 0	Westb TH 0 0 0 0	oound H	0 0 0 0	0 1 0 0	Northb Th 3 5 4	bound H B B B	0 0 0 0	0 0 0 0	South T	bound H 2 2 2	0 0 0 0	Total 5 6 7 6	One Hou 0 0 24
Interval Start 4:00 PM 4:15 PM 4:30 PM 4:45 PM 5:00 PM	LT 0 0 0 0 0	La Cue Eastb T ((((((((esta Dr pound H)))))	RT 0 0 0 0 0 0	LT 0 0 0 0 0	Westb TH 0 0 0 0 0 0	oound H	0 0 0 0 0	0 1 0 0 0	Northb TH 3 5 4 1	bound H B B B D	0 0 0 0 0	0 0 0 0	South T	bound H 2 2 2 1	0 0 0 0 0	Total 5 6 7 6 2	0 0 0 24 21
Interval Start 4:00 PM 4:15 PM 4:30 PM 4:45 PM 5:00 PM 5:15 PM	LT 0 0 0 0 0 0	La Cue Eastb T ((((((((((esta Di pound H))))))	RT 0 0 0 0 0 0 0	LT 0 0 0 0 0 0	Westb TH 0 0 0 0 0 0 0 0 0 0	oound H	0 0 0 0 0	0 1 0 0 0	Northb TH 3 5 4 1 0	bound H B B B B D	0 0 0 0 0	0 0 0 0 0 0	South T	bound H 2 2 2 1 0	0 0 0 0 0	Total 5 6 7 6 2 0	One Hou 0 0 24 21 15
Interval Start 4:00 PM 4:15 PM 4:30 PM 4:45 PM 5:00 PM 5:15 PM 5:30 PM	LT 0 0 0 0 0 0 0 0	La Cue Eastb T (((((((((()))))))))))))))))	esta Di pound H D D D D D D D D D D D D D D D D D D	RT 0 0 0 0 0 0 0 0	LT 0 0 0 0 0 0 0	Westb TH 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0	0 1 0 0 0 0	Northb TH 3 5 4 1 0 0	boound H 5 5 4)	0 0 0 0 0 0 0	0 0 0 0 0 0 0	South T	bound H 2 2 2 1 0 0	0 0 0 0 0 0	Total 5 6 7 6 2 0 1	One Hou 0 0 24 21 15 9



| | La Me | sa Dr |
 | Driv | eway (

 | Jeep ⁻ | Trail)
 |
 | Alpiı | ne Rd | |
 | Alpir | ne Rd | | | |
|----|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Eastb | ound |
 | | West

 | bound |
 |
 | North | bound | |
 | South | bound | | | Rolling
One Hou |
| UT | LT | ΤН | RT
 | UT | LT

 | ΤН | RT
 | UT
 | LT | TH | RT | UT
 | LT | TH | RT | Total | One Hour |
| 0 | 0 | 0 | 0
 | 0 | 0

 | 0 | 0
 | 0
 | 1 | 1 | 0 | 0
 | 0 | 0 | 1 | 3 | 0 |
| 0 | 0 | 0 | 0
 | 0 | 0

 | 0 | 0
 | 0
 | 1 | 3 | 0 | 0
 | 0 | 6 | 1 | 11 | 0 |
| 0 | 0 | 0 | 0
 | 0 | 0

 | 0 | 0
 | 0
 | 0 | 2 | 0 | 0
 | 0 | 6 | 0 | 8 | 0 |
| 0 | 0 | 0 | 0
 | 0 | 0

 | 0 | 1
 | 0
 | 1 | 3 | 0 | 0
 | 1 | 2 | 0 | 8 | 30 |
| 0 | 0 | 0 | 0
 | 0 | 0

 | 0 | 0
 | 0
 | 0 | 3 | 0 | 0
 | 1 | 4 | 2 | 10 | 37 |
| 0 | 1 | 0 | 0
 | 0 | 0

 | 0 | 1
 | 0
 | 0 | 2 | 0 | 0
 | 1 | 4 | 0 | 9 | 35 |
| 0 | 0 | 0 | 0
 | 0 | 0

 | 0 | 2
 | 0
 | 1 | 2 | 0 | 0
 | 0 | 5 | 0 | 10 | 37 |
| 0 | 0 | 0 | 0
 | 0 | 0

 | 0 | 0
 | 0
 | 0 | 2 | 0 | 0
 | 0 | 6 | 0 | 8 | 37 |
| 0 | 1 | 0 | 0
 | 0 | 0

 | 0 | 4
 | 0
 | 4 | 18 | 0 | 0
 | 3 | 33 | 4 | 67 | 0 |
| 0 | 1 | 0 | 0
 | 0 | 0

 | 0 | 4
 | 0
 | 2 | 10 | 0 | 0
 | 3 | 15 | 2 | 37 | 0 |
| | | |
 | Driv |

 | | Trail)
 |
 | | | | | |
 | | | | 15-min | Rolling |
| | | |
 | |

 | |
 |
 | | | | | |
 | | | | Total | One Hou |
| | | |
 | |

 | |
 |
 | | | |
 | | | | | |
| - | | |
 | - |

 | |
 | -
 | | | | -
 | | | | | 0 |
| - | | |
 | - |

 | |
 | -
 | | | | -
 | | | | | 0 |
| - | | |
 | |

 | |
 |
 | | | | -
 | | | | | 0 |
| - | | |
 | - |

 | |
 | -
 | | | | -
 | | | | - | 30 |
| - | | |
 | |

 | |
 |
 | | | | -
 | | | | | 30 |
| - | | |
 | - |

 | - | -
 | -
 | | | | -
 | | - | | - | 19 |
| - | | | -
 | - |

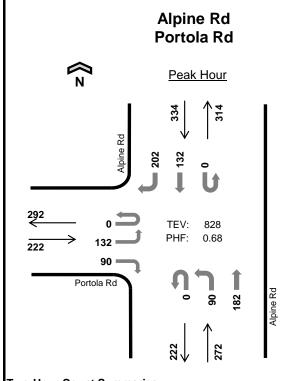
 | - | -
 | -
 | | | | -
 | | | | | 20 |
| 0 | (| | 0
 | 0 |

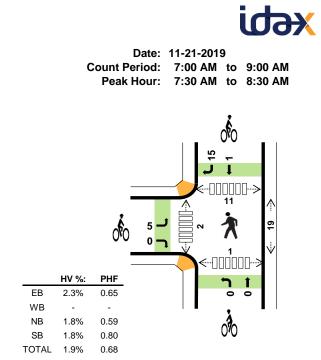
 | 0 | 0
 | 0
 | | 1
26 | - | 0
 | | 7 | - | 2
44 | 14 |
| | |) | 0
 | 0 |

 | 0 | 0
 |
 | 4 | 20 | 0 | 0
 | 1 | 1 | 0 | 44 | 0 |
| | 0
0
0
0
0
0
0
0
0
0
0
0 | Eastb UT LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Eastbound UT LT TH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 Count Summaries La Mesa Dr Eastbound LT TH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <td>Eastbound UT LT TH RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <</td> <td>Eastbound RT UT UT LT TH RT UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <!--</td--><td>Eastbound West UT LT TH RT UT LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 1 0 0 0 0 0 0 Count Summaries - Bikes Eastbound West Ut T T 0 0 0 0 0 0 0</td><td>Eastbound Westbound UT LT TH RT UT LT TH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0<td>Eastbound Westbound UT LT TH RT UT LT TH RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0<td>Eastbound Westbound UT LT TH RT UT LT TH RT UT LT TH RT UT L T H RT UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>Eastbound Westbound North UT LT TH RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <</td><td>Eastbound Westbound Northbound UT LT TH RT TH RT TH RT Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q</td><td>Eastbound Westbound Northbound UT LT TH RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>Eastbound Westbound Northbound UT LT TH RT UT I O O O O O O O O O O O O O O O O O O O O O O O O O</td><td>Eastbound Westbound Northbound South UT LT TH RT UT LT TT <td< td=""><td>Eastbound Westbound Northbound Southbound Southbound UT LT TH RT Q Q Q Q Q Q Q Q Q Q Q Q Q Q</td><td>Eastbound Westbound Northbound Southbound Ith RT UT LT TH RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>Eastbound Westbound Northbound Southbound Thermin Total UT LT TH RT TH RT<</td></td<></td></td></td></td> | Eastbound UT LT TH RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 < | Eastbound RT UT UT LT TH RT UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 </td <td>Eastbound West UT LT TH RT UT LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 1 0 0 0 0 0 0 Count Summaries - Bikes Eastbound West Ut T T 0 0 0 0 0 0 0</td> <td>Eastbound Westbound UT LT TH RT UT LT TH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0<td>Eastbound Westbound UT LT TH RT UT LT TH RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0<td>Eastbound Westbound UT LT TH RT UT LT TH RT UT LT TH RT UT L T H RT UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>Eastbound Westbound North UT LT TH RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <</td><td>Eastbound Westbound Northbound UT LT TH RT TH RT TH RT Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q</td><td>Eastbound Westbound Northbound UT LT TH RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>Eastbound Westbound Northbound UT LT TH RT UT I O O O O O O O O O O O O O O O O O O O O O O O O O</td><td>Eastbound Westbound Northbound South UT LT TH RT UT LT TT <td< td=""><td>Eastbound Westbound Northbound Southbound Southbound UT LT TH RT Q Q Q Q Q Q Q Q Q Q Q Q Q Q</td><td>Eastbound Westbound Northbound Southbound Ith RT UT LT TH RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>Eastbound Westbound Northbound Southbound Thermin Total UT LT TH RT TH RT<</td></td<></td></td></td> | Eastbound West UT LT TH RT UT LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 1 0 0 0 0 0 0 Count Summaries - Bikes Eastbound West Ut T T 0 0 0 0 0 0 0 | Eastbound Westbound UT LT TH RT UT LT TH 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <td>Eastbound Westbound UT LT TH RT UT LT TH RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0<td>Eastbound Westbound UT LT TH RT UT LT TH RT UT LT TH RT UT L T H RT UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>Eastbound Westbound North UT LT TH RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <</td><td>Eastbound Westbound Northbound UT LT TH RT TH RT TH RT Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q</td><td>Eastbound Westbound Northbound UT LT TH RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>Eastbound Westbound Northbound UT LT TH RT UT I O O O O O O O O O O O O O O O O O O O O O O O O O</td><td>Eastbound Westbound Northbound South UT LT TH RT UT LT TT <td< td=""><td>Eastbound Westbound Northbound Southbound Southbound UT LT TH RT Q Q Q Q Q Q Q Q Q Q Q Q Q Q</td><td>Eastbound Westbound Northbound Southbound Ith RT UT LT TH RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>Eastbound Westbound Northbound Southbound Thermin Total UT LT TH RT TH RT<</td></td<></td></td> | Eastbound Westbound UT LT TH RT UT LT TH RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <td>Eastbound Westbound UT LT TH RT UT LT TH RT UT LT TH RT UT L T H RT UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td> <td>Eastbound Westbound North UT LT TH RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <</td> <td>Eastbound Westbound Northbound UT LT TH RT TH RT TH RT Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q</td> <td>Eastbound Westbound Northbound UT LT TH RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td> <td>Eastbound Westbound Northbound UT LT TH RT UT I O O O O O O O O O O O O O O O O O O O O O O O O O</td> <td>Eastbound Westbound Northbound South UT LT TH RT UT LT TT <td< td=""><td>Eastbound Westbound Northbound Southbound Southbound UT LT TH RT Q Q Q Q Q Q Q Q Q Q Q Q Q Q</td><td>Eastbound Westbound Northbound Southbound Ith RT UT LT TH RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>Eastbound Westbound Northbound Southbound Thermin Total UT LT TH RT TH RT<</td></td<></td> | Eastbound Westbound UT LT TH RT UT LT TH RT UT LT TH RT UT L T H RT UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Eastbound Westbound North UT LT TH RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 < | Eastbound Westbound Northbound UT LT TH RT TH RT TH RT Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q | Eastbound Westbound Northbound UT LT TH RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Eastbound Westbound Northbound UT LT TH RT UT I O O O O O O O O O O O O O O O O O O O O O O O O O | Eastbound Westbound Northbound South UT LT TH RT UT LT TT TT <td< td=""><td>Eastbound Westbound Northbound Southbound Southbound UT LT TH RT Q Q Q Q Q Q Q Q Q Q Q Q Q Q</td><td>Eastbound Westbound Northbound Southbound Ith RT UT LT TH RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>Eastbound Westbound Northbound Southbound Thermin Total UT LT TH RT TH RT<</td></td<> | Eastbound Westbound Northbound Southbound Southbound UT LT TH RT Q Q Q Q Q Q Q Q Q Q Q Q Q Q | Eastbound Westbound Northbound Southbound Ith RT UT LT TH RT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Eastbound Westbound Northbound Southbound Thermin Total UT LT TH RT TH RT< |

				I	Alpi La N	ine lesa										j	Ж	
		≪ N	1		<u>Pe</u>	ak H	<u>our</u>				(Count Pea		d: 4	-21-20 :00 P :00 P	M to		
	1 <u>16</u> 168	La M	0 = 133 = 0 = 35 = esa Dr		РНІ Л ←		93		Drivew: Trail) 5 1 0 0	ey (Jeep	6 → 4 HV %: 2.4% 0.0% 1.8% 0.7% 1.4%	PHF 0.84 0.50 0.83 0.95 0.93						
	_		_															
Two-H	our C	ount			s	Driv	veway	Jeep T	rail)		Alpine Rd			Alpir	ne Rd			
Two-H Inter Star	val		La Me Eastb	esa Dr bound			West	Jeep T bound TH		Ν	Alpine Rd orthbound		ШТ	South	ne Rd Ibound TH	RT	15-min Total	Rolling One Hour
Interv	val rt	Ount	La Me	esa Dr	S RT 12	Driv UT 0			rail) RT 1	Ν	-	RT 0	UT 0			RT 22		-
Inter Sta	val rt PM	UT	La Me Eastb LT	esa Dr bound TH	RT	UT	West LT	bound TH	RT	N UT	orthbound	RT		South LT	nbound TH		Total	One Hour
Inter Star 4:00	val rt PM PM	UT 0	La Me Eastb LT 27	esa Dr bound TH 0	RT 12	UT 0	West LT 0	bound TH 0	RT 1	N UT 0 0	orthbound _T TH 8 158	RT 0	0	South LT 1	nbound TH 122	22	Total 351	One Hour
Inter Star 4:00 4:15	val rt PM PM PM	UT 0 0	La Me Eastb LT 27 40	esa Dr bound TH 0 0	RT 12 10	UT 0 0	West	bound TH 0 0	RT 1 3	N UT 0 0	orthbound _T TH 8 158 7 116	RT 0 1	0 0	South LT 1 0	nbound TH 122 111	22 22	Total 351 310	One Hour 0 0
Interv Star 4:00 4:15 4:30 4:45 5:00	val rt PM PM PM PM PM	UT 0 0 0 0 0	La Me Eastb LT 27 40 34	oound TH 0 0 0 0	RT 12 10 6 7 14	UT 0 0 0	West LT 0 0 0 0 0	bound TH 0 0 1 0 0	RT 1 3 1	N UT 0 0 0	orthbound _T TH 8 158 7 116 10 130	RT 0 1 1	0 0 0	South LT 1 0 1	122 111 130	22 22 22	Total 351 310 336	One Hour 0 0 1,305 1,275
Interv Star 4:00 4:15 4:30 4:45 5:00 5:15	val rt PM PM PM PM PM PM	UT 0 0 0 0 0 0	La Me Eastb LT 27 40 34 32 40 20	esa Dr pound TH 0 0 0 0 0 1 0	RT 12 10 6 7 14 9	UT 0 0 0 0 0 0	West LT 0 0 0 0 0 0	bound TH 0 1 0 0 0 0	RT 1 3 1 0 1 0	N UT 0 0 0 0 0 0 0	orthbound T TH 8 158 7 116 10 130 7 112 8 117 19 106	RT 0 1 0 0 0	0 0 0 0 0	South LT 1 0 1 0 1 0	122 111 130 133 115 118	22 22 22 17 24 17	Total 351 310 336 308 321 289	One Hour 0 0 1,305 1,275 1,254
Interv Star 4:00 4:15 4:30 4:45 5:00 5:15 5:30	val rt PM PM PM PM PM PM PM	UT 0 0 0 0 0 0 0 0	La Me Eastb LT 27 40 34 32 40 20 34	esa Dr pound TH 0 0 0 0 1 0 0 0	RT 12 10 6 7 14 9 10	UT 0 0 0 0 0 0 0	West LT 0 0 0 0 0 0 0 0	bound TH 0 1 0 0 0 0 0 0	RT 1 3 1 0 1 0 0	NUT 0 0 0 0 0 0 0 0	orthbound T TH 8 158 7 116 10 130 7 112 8 117 19 106 16 94	RT 0 1 0 0 0 0 0	0 0 0 0 0 0	South LT 1 0 1 0 1 0 0	122 111 130 133 115 118 125	22 22 22 17 24 17 23	Total 351 310 336 308 321 289 302	One Hour 0 0 1,305 1,275 1,254 1,220
Interv Star 4:00 4:15 4:30 4:45 5:00 5:15 5:30 5:45	PM PM PM PM PM PM PM PM PM PM	UT 0 0 0 0 0 0 0 0 0 0	La Me Eastb LT 27 40 34 32 40 20 34 25	esa Dr pound TH 0 0 0 0 1 0 0 0 0 0	RT 12 10 6 7 14 9 10 7	UT 0 0 0 0 0 0 0 0 0 0	West LT 0 0 0 0 0 0 0 0 0 0	bound TH 0 1 0 0 0 0 0 0 1	RT 1 3 1 0 1 0 0 1	NUT 0 0 0 0 0 0 0 0 0 0	orthbound T TH 8 158 7 116 10 130 7 112 8 117 19 106 16 94 10 66	RT 0 1 0 0 0 0 0 0 0	0 0 0 0 0 0 0	South LT 1 0 1 0 1 0 0 1	bound TH 122 111 130 133 115 118 125 118	22 22 17 24 17 23 33	Total 351 310 336 308 321 289 302 262	One Hour 0 0 1,305 1,275 1,254 1,220 1,174
Interv Star 4:00 4:15 4:30 4:45 5:00 5:15 5:30	val rt PM PM PM PM PM PM PM PM PM Total	UT 0 0 0 0 0 0 0 0 0 0 0	La Me Eastb LT 40 34 32 40 20 34 25 252	253 Dr 2000000 TH 0 0 0 0 1 0 0 0 0 0 1	RT 12 10 6 7 14 9 10 7 5	UT 0 0 0 0 0 0 0 0 0 0	West LT 0 0 0 0 0 0 0 0 0 0 0	bound TH 0 1 0 0 0 0 0 0 1 2	RT 3 1 0 1 0 0 1 7	NUT 0 0 0 0 0 0 0 0 0 0 0	orthbound T TH 8 158 7 116 10 130 7 112 8 117 19 106 16 94 10 66 35 899	RT 0 1 0 0 0 0 0 0 2	0 0 0 0 0 0 0 0 0	South LT 1 0 1 0 1 0 0 1 1 4	bound TH 122 111 130 133 115 118 125 118 125 118 972	22 22 22 17 24 17 23 33 180	Total 351 310 336 308 321 289 302 262 2,479	One Hour 0 0 1,305 1,275 1,254 1,220 1,174 0
Interv Star 4:00 4:15 4:30 4:45 5:00 5:15 5:30 5:45	val rt PM PM PM PM PM PM PM PM PM Total All	UT 0 0 0 0 0 0 0 0 0 0 0 0	La Me Eastb LT 40 34 32 40 20 34 25 252 133	253 Dr 2000000 TH 0 0 0 0 1 0 0 0 0 1 0 0	RT 12 10 6 7 14 9 10 7 5 35	UT 0 0 0 0 0 0 0 0 0 0 0 0	West LT 0 0 0 0 0 0 0 0 0 0 0 0 0	bound TH 0 1 0 0 0 0 0 0 1 2 1	RT 3 1 0 1 0 0 1 7 5	NUT 0 0 0 0 0 0 0 0 0 0 0 0 0	orthbound T TH 8 158 7 116 10 130 7 112 8 117 19 106 16 94 10 66 35 899 32 516	RT 0 1 0 0 0 0 0 0 0 2 2 2	0 0 0 0 0 0 0 0 0 0 0	South LT 1 0 1 0 1 0 0 1 4 2	bound TH 122 111 130 133 115 118 125 118 972 496	22 22 22 17 24 17 23 33 180 83	Total 351 310 336 308 321 289 302 262 2,479 1,305	One Hour 0 0 1,305 1,275 1,254 1,220 1,174 0 0 0
Inter Star 4:00 4:15 4:30 4:45 5:00 5:15 5:30 5:45 Count Peak Hour	val rt PM PM PM PM PM PM PM PM PM Total All HV	UT 0 0 0 0 0 0 0 0 0 0 0 0 0	La Me Eastb LT 27 40 34 32 40 20 34 20 34 25 252 133 2	esa Dr pound TH 0 0 0 1 0 0 0 1 0 0 0 0 0 0	RT 12 10 6 7 14 9 10 7 5 35 2	UT 0 0 0 0 0 0 0 0 0 0 0 0	West LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0	bound TH 0 1 0 0 0 0 0 0 1 2 1 0	RT 1 3 1 0 1 0 0 1 7 5 0	NUT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	orthbound _T TH 8 158 7 116 10 130 7 112 8 117 19 106 16 94 10 66 35 899 32 516 0 10	RT 0 1 0 0 0 0 0 0 2 2 2 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0	South LT 0 1 0 1 0 0 1 4 2 0	TH 122 111 130 133 115 118 125 118 972 496 4	22 22 22 17 24 17 23 33 180 83 0	Total 351 310 336 308 321 289 302 262 2,479 1,305 18	One Hour 0 0 1,305 1,275 1,254 1,220 1,174 0
Inter Star 4:00 4:15 4:30 4:45 5:00 5:15 5:30 5:45 Count Peak Hour	val rt PM PM PM PM PM PM PM PM PM PM PM PM Total tV HV%	UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	La Me Eastb LT 27 40 34 20 34 25 252 133 2 2%	bound TH 0 0 0 0 1 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 1	RT 12 10 6 7 14 9 10 7 5 35 2 6%	UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	West LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	bound TH 0 1 0 0 0 0 0 1 2 1 0 0%	RT 1 3 1 0 1 0 0 1 7 5 0 0%	NUT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	orthbound T TH 8 158 7 116 10 130 7 112 8 117 19 106 16 94 10 66 35 899 32 516	RT 0 1 0 0 0 0 0 0 2 2 2 0 0 %	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	South LT 1 0 1 0 1 0 0 1 4 2	bound TH 122 111 130 133 115 118 125 118 972 496	22 22 22 17 24 17 23 33 180 83	Total 351 310 336 308 321 289 302 262 2,479 1,305 18	One Hour 0 0 1,305 1,275 1,254 1,220 1,174 0 0 0
Inter Star 4:00 4:15 4:30 4:45 5:00 5:15 5:30 5:45 Count Peak Hour Note: Tw	val rt PM PM PM PM PM PM PM PM Total All HV HV%	UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	La Me Eastb LT 27 40 34 32 40 20 34 25 252 133 2 252 133 2 2%	esa Dr pound TH 0 0 0 1 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 7 7 7 7	RT 12 10 6 7 14 9 10 7 5 35 2 6% mes inc	UT 0 0 0 0 0 0 0 0 0 0 0 0 0	West LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	bound TH 0 1 0 0 0 0 0 1 2 1 0 0%	RT 1 3 1 0 1 0 0 1 7 5 0 0%	NUT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	orthbound T TH 8 158 7 116 10 130 7 112 8 117 19 106 16 94 10 66 35 899 32 516 0 10 0% 2% es in overa	RT 0 1 0 0 0 0 0 0 2 2 2 0 0 %	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	South LT 1 0 1 0 1 0 1 4 2 0 0%	bound TH 122 111 130 133 115 118 125 118 972 496 4 1%	22 22 22 17 24 17 23 33 180 83 0 0%	Total 351 310 336 308 321 289 302 262 2,479 1,305 18 1%	One Hour 0 0 1,305 1,275 1,254 1,220 1,174 0 0 0 0 0 0
Inter Star 4:00 4:15 4:30 4:45 5:00 5:15 5:30 5:45 Count Peak Hour Note: Tw Inter	val rt PM PM PM PM PM PM PM Total All HV HV% vo-hour	UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	La Mee Eastb LT 27 40 34 32 40 20 34 25 252 133 2 52 133 2 2% Summa Hea	esa Dr bound TH 0 0 0 1 0 0 0 1 0 0 1 0 0 0 1 7 7 volu	RT 12 10 6 7 14 9 10 7 5 35 2 6% mes inc	UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Westi LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	bound TH 0 1 0 0 0 0 1 2 1 0 0% hicles b	RT 1 3 1 0 1 0 1 7 5 0 0% ut exclu	N UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	orthbound T TH 8 158 7 116 10 130 7 112 8 117 19 106 16 94 10 66 35 899 32 516 0 10 10 % 2% es in overa	RT 0 1 0 0 0 0 2 2 0 0% all count	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	South LT 1 0 1 0 1 0 1 4 2 0 0%	bound TH 122 111 130 133 115 118 125 118 972 496 4 1%	22 22 17 24 17 23 33 180 83 0 0%	Total 351 310 336 308 321 289 302 262 2,479 1,305 18 1% rossing Le	One Hour 0 0 1,305 1,275 1,254 1,220 1,174 0 0 0 0 0 0
Inter Star 4:00 4:15 4:30 4:45 5:00 5:15 5:30 5:45 Count Peak Hour Note: Two Star	val rt PM PM PM PM PM PM PM PM Total All HV HV% vo-hour	UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	La Mee Eastb LT 27 40 34 32 40 20 34 25 252 133 2 252 133 2 2% summa Hea WB	esa Dr yound TH 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 vy volu	RT 12 10 6 7 14 9 10 7 5 35 2 6% mes inc NB	UT 0 0 0 0 0 0 0 0 0 0 0 0 0	Westi LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	bound TH 0 1 0 0 0 0 1 2 1 0 0% hicles b	RT 1 3 1 0 1 0 1 7 5 0 0% wB	N UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	orthbound T TH 8 158 7 116 10 130 7 112 8 117 19 106 16 94 10 66 35 899 32 516 0 10 10 % 2% es in overa SB	RT 0 1 0 0 0 0 0 2 2 0 0% all count	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	South LT 1 0 1 0 1 0 1 4 2 0 0%	bound TH 122 111 130 133 115 118 125 118 972 496 4 1% 2005tria	22 22 17 24 17 23 33 180 83 0 0%	Total 351 310 336 308 321 289 302 262 2,479 1,305 18 1% Tossing Lether South	One Hour 0 0 1,305 1,275 1,254 1,220 1,174 0 0 0 0 0 0 0 0 0 0 0 0 0
Inter Star 4:00 4:15 4:30 4:45 5:00 5:15 5:30 5:45 Count Peak Hour Note: Tw Note: Tw Star 4:00	val rt PM PM PM PM PM PM PM PM Total All HV HV% vo-hour vo-hour val rt	UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	La Mee Eastb LT 27 40 34 32 40 20 34 25 252 133 2 252 133 2 2% summa Hea WB 0	esa Dr yound TH 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 vy volu	RT 12 10 6 7 14 9 10 7 75 35 2 6% mes inc nicle To NB 2	UT 0 0 0 0 0 0 0 0 0 0 0 0 0	Westi LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	bound TH 0 1 0 0 0 0 1 2 1 0 0% hicles b EB 0	RT 1 3 1 0 1 0 1 7 5 0 0% 0% WB 0	N UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	orthbound T TH 8 158 7 116 10 130 7 112 8 117 19 106 16 94 10 66 35 899 32 516 0 10 0% 2% es in overa \$8 \$8 4	RT 0 1 0 0 0 0 2 2 0 0% all count Total 5	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	South LT 1 0 1 0 1 0 1 4 2 0 0%	bound TH 122 111 130 133 115 118 125 118 972 496 4 1% edestria West 0	22 22 17 24 17 23 33 180 83 0 0% ens (Cr Nori	Total 351 310 336 308 321 289 302 262 2,479 1,305 18 1% Tossing Le th Sou	One Hour 0 0 1,305 1,275 1,254 1,220 1,174 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1
Inter Star 4:00 4:15 4:30 4:45 5:00 5:15 5:30 5:45 Count Peak Hour Note: Tw Note: Tw Star 4:00 4:15	val rt PM PM PM PM PM PM PM Total AII HV HV% vo-hour vo-hour val rt PM	UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	La Mee Eastb LT 27 40 34 32 40 20 34 25 252 133 2 2% summa Hea WB 0 0	esa Dr oound TH 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	RT 12 10 6 7 14 9 10 7 75 35 2 6% mes inc hicle Tc NB 2 3	UT 0 0 0 0 0 0 0 0 0 0 0 0 0	Westi LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	bound TH 0 1 0 0 0 0 1 2 1 0 0% thicles b EB 0 0	RT 1 3 1 0 1 0 1 7 5 0 0% 0% WB 0 0 0	NUT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	orthbound T TH 8 158 7 116 10 130 7 112 8 117 19 106 16 94 10 66 35 899 32 516 0 10 10% 2% es in overa SB 4 1	RT 0 1 1 0 0 0 0 2 2 0 0% all count Total 5 6	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	South LT 1 0 1 0 1 0 1 4 2 0 0%	bound TH 122 111 130 133 115 118 125 118 972 496 4 1% edestria West 0 0	22 22 22 17 24 17 23 33 180 83 0 0% 20%	Total 351 310 336 308 321 289 302 262 2,479 1,305 18 1% Tossing Le th Sou 0 0	One Hour 0 0 1,305 1,275 1,254 1,220 1,174 0 0 0 0 0 0 0 0 1 2
Inter Star 4:00 4:15 5:00 5:15 5:30 5:45 Count Peak Hour Note: Tw Inter Star 4:00 4:15 4:30	val rt PM PM PM PM PM PM PM Total AII HV HV% vo-hour vo-hour vo-hour val rt PM PM PM	UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	La Mee Eastb LT 27 40 34 32 40 20 34 25 252 133 2 252 133 2 2% Summa Hea WB 0 0 0	esa Dr yound TH 0 0 0 0 1 0 0 0 1 0 0 1 0 0 vy volu	RT 12 10 6 7 14 9 10 7 75 35 2 6% mes inc hicle Tc NB 2 3 3 3	UT 0 0 0 0 0 0 0 0 0 0 0 0 0	Westi LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	bound TH 0 1 0 0 0 0 1 2 1 0 0 % bhicles b b bhicles b b b b 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	RT 1 3 1 0 1 0 1 7 5 0 0% 0% WB 0 0 0 0	NUT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	orthbound T TH 8 158 7 116 10 130 7 112 8 117 19 106 16 94 10 66 35 899 32 516 0 10 0% 2% es in overa \$8 \$8 4 1 2	RT 0 1 1 0 0 0 0 2 2 2 0 0% all count Total 5 6 6 6	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	South LT 1 0 1 0 1 0 1 4 2 0 0%	bound TH 122 111 130 133 115 118 125 118 972 496 4 1% edestria West 0 0 0	22 22 22 17 24 17 23 33 180 83 0 0% 0%	Total 351 310 336 308 321 289 302 262 2,479 1,305 18 1% Tossing Le th Sou 0 0 0	One Hour 0 0 1,305 1,275 1,254 1,220 1,174 0 0 0 0 0 0 0 0 1 1 2 1 2 1
Inter Star 4:00 4:15 4:30 4:45 5:00 5:15 5:30 5:45 Count Peak Hour Note: Tw Inter Star 4:00 4:15 4:30 4:45	val rt PM PM PM PM PM PM PM PM Total AII HV HV% vo-hour val rt PM PM PM PM	UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	La Me Eastb LT 27 40 34 32 40 20 34 25 252 133 2 2% summa Hea WB 0 0 0 0	esa Dr oound TH 0 0 0 0 1 0 0 0 1 0 0 0 - ry volu Vel N	RT 12 10 6 7 14 9 10 7 75 35 2 6% mes inc nicle To NB 2 3 3 2	UT 0 0 0 0 0 0 0 0 0 0 0 0 0	Westi LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	bound TH 0 0 1 0 0 0 0 1 2 1 0 0 0 1 2 1 0 0 0 5 5 5 5 0 0 0 0 0 0 0 0 0 0 0 0	RT 1 3 1 0 1 0 1 0 1 7 5 0 0% 0% WB 0 0 0 0 0 0 0	NUT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	orthbound T TH 8 158 7 116 10 130 7 112 8 117 19 106 16 94 10 66 35 899 32 516 0 10 0% 2% es in overa \$5 \$8 4 1 2 3	RT 0 1 1 0 0 0 0 2 2 0 0% all count Total 5 6 6 7	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	South LT 1 0 1 0 1 0 1 4 2 0 0%	bound TH 122 111 130 133 115 118 125 118 972 496 4 1% edestria West 0 0 0 0	22 22 22 17 24 17 23 33 180 83 0 0% 83 0 0%	Total 351 310 336 308 321 289 302 262 2,479 1,305 18 1% Tossing Le th Sou 0 0 0 0 0	One Hour 0 0 1,305 1,275 1,254 1,220 1,174 0 0 0 0 0 0 0 0 1 1 2 1 4
Inter Star 4:00 4:15 4:30 4:45 5:00 5:15 5:30 5:45 Count Peak Hour Note: Tw Inter Star 4:00 4:15 4:30 4:45 5:00	val rt PM PM PM PM PM PM PM Total All HV HV% vo-hour vo-hour val rt PM PM PM PM	UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	La Mee Eastb LT 27 40 34 32 40 20 34 25 252 133 2 252 133 2 2% Summa Hea WB 0 0 0	esa Dr oound TH 0 0 0 1 0 0 0 1 0 0 0 1 0 0 vy volu N	RT 12 10 6 7 14 9 10 7 75 35 2 6% mes inc hicle Tc NB 2 3 3 3	UT 0 0 0 0 0 0 0 0 0 0 0 0 0	Westi LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	bound TH 0 1 0 0 0 0 1 2 1 0 0 % bhicles b b bhicles b b b b 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	RT 1 3 1 0 1 0 1 7 5 0 0% 0% WB 0 0 0 0	NUT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	orthbound T TH 8 158 7 116 10 130 7 112 8 117 19 106 16 94 10 66 35 899 32 516 0 10 0% 2% es in overa \$8 \$8 4 1 2	RT 0 1 1 0 0 0 0 2 2 2 0 0% all count Total 5 6 6 6	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	South LT 1 0 1 0 1 0 1 4 2 0 0%	bound TH 122 111 130 133 115 118 125 118 972 496 4 1% edestria West 0 0 0	22 22 22 17 24 17 23 33 180 83 0 0% 0%	Total 351 310 336 308 321 289 302 262 2,479 1,305 18 1% Tossing Le th Sou 0 0 0	One Hour 0 0 1,305 1,275 1,254 1,220 1,174 0 0 0 0 0 0 0 0 1 1 2 1 2 1
Inter Star 4:00 4:15 4:30 4:45 5:00 5:15 5:30 5:45 Count Peak Hour Note: Tw Inter Star 4:00 4:15 4:30 4:45	val rt PM PM PM PM PM PM PM PM Total AII HV HV% Vo-hour Val rt PM PM PM PM PM PM PM PM	UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	La Mee Eastb LT 27 40 34 32 40 20 34 25 252 133 2 2% summa Hea WB 0 0 0 0 0 0	esa Dr oound TH 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	RT 12 10 6 7 14 9 10 7 75 35 2 6% mes inc nicle Tc NB 2 3 3 2 1	UT 0 0 0 0 0 0 0 0 0 0 0 0 0	Westi LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	bound TH 0 0 1 0 0 0 0 1 2 1 0 0 0 1 2 1 0 0 0 0	RT 1 3 1 0 1 0 1 7 5 0 0% 0% 0% 0% 0 0 0 0 1 1 1 1 0 1 0 0 1 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	NUT 0 0 0 0 0 0 0 0 0 0 0 0 0	orthbound T TH 8 158 7 116 10 130 7 112 8 117 19 106 16 94 10 66 35 899 32 516 0 10 0% 2% es in overa ss 	RT 0 1 1 0 0 0 0 2 2 0 0 % all count Total 5 6 6 7 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	South LT 1 0 1 0 1 0 1 4 2 0 0%	bound TH 122 111 130 133 115 118 125 118 972 496 4 1% edestria West 0 0 0 0 0 0	22 22 22 17 24 17 23 33 180 83 0% 0% 0%	Total 351 310 336 308 321 289 302 262 2,479 1,305 18 1% Tossing Le th Sou 0 0 0 0 0 0 0 0 0 0 0 0 0	One Hour 0 0 1,305 1,275 1,254 1,220 1,174 0 0 0 0 0 0 0 0 0 1 2 1 4 2
Inter Star 4:00 4:15 4:30 4:45 5:00 5:15 5:30 5:45 Count Peak Hour Note: Tw Inter Star 4:00 4:15 4:30 4:45 5:00 5:15	val rt PM PM PM PM PM PM PM PM Total AII HV HV% Vo-hour Val rt PM PM PM PM PM PM PM PM PM	UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	La Me Eastb LT 27 40 34 20 34 25 252 133 2 2% summa WB 0 0 0 0 0 0 0 0 0	esa Dr oound TH 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 7 7 V volu	RT 12 10 6 7 14 9 10 7 5 35 2 6% mes inc hicle To VB 2 3 3 2 1 1 1 1 1 1 1 1 1 1 1 1 1	UT 0 0 0 0 0 0 0 0 0 0 0 0 0	Westi LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	bound TH 0 0 1 0 0 0 0 1 2 1 0 0 0 0 0 0 0 0 0 0	RT 1 3 1 0 1 0 1 7 5 0 0% 0% 0% 0% 0 0 0 0 1 0 0 0 0 0 0 0 1 0 1 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 7 5 0 0% 0% 0% 0% 0% 0% 0% 0% 0%	NUT 0 0 0 0 0 0 0 0 0 0 0 0 0	orthbound _T TH 8 158 7 116 10 130 7 112 8 117 19 106 16 94 10 66 35 899 32 516 0 10 0% 2% es in overa ss <u>SB</u> 4 1 2 3 1 0	RT 0 1 1 0 0 0 0 2 2 0 0 % all count Total 5 6 6 7 3 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	South LT 1 0 1 0 1 0 1 4 2 0 0%	bound TH 122 111 130 133 115 118 125 118 972 496 4 1% 972 496 4 1% 0 0 0 0 0 0 0	22 22 22 17 24 17 23 33 180 83 0% 0% 0%	Total 351 310 336 308 321 289 302 262 2,479 1,305 18 1% Tossing Let th Souther S	One Hour 0 0 1,305 1,275 1,254 1,220 1,174 0 0 0 0 0 0 0 0 0 1 2 1 4 2 1 4 2 1
Inter Star 4:00 4:15 4:30 4:45 5:00 5:15 5:30 5:45 Count Peak Hour Note: Tw Inter Star 4:00 4:15 4:30 4:45 5:00 5:15 5:30	val rt PM PM PM PM PM PM PM PM Total AII HV HV% Vo-hour Vo-hour Val rt PM PM PM PM PM PM PM PM PM	UT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	La Me Eastb LT 27 40 34 20 34 25 252 133 2 2% summa WB 0 0 0 0 0 0 0 0 0 0 0	esa Dr oound TH 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 7 7 V volu	RT 12 10 6 7 14 9 10 7 5 2 6% mes inc hicle To VB 2 3 3 2 1 1 3 3 2 1 3 3 2 1 3 3 2 1 3 3 3 2 1 3 3 3 3 3 3 3 3 3 3 3 3 3	UT 0 0 0 0 0 0 0 0 0 0 0 0 0	Westi LT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	bound TH 0 0 1 0 0 0 0 1 2 1 0 0 0 0 0 0 0 0 0 0	RT 1 3 1 0 1 0 1 7 5 0 0% 0% 0% 0% 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 7 5 0 0% 0% 0% 0% 0% 0% 0% 0% 0%	NUT 0 0 0 0 0 0 0 0 0 0 0 0 0	orthbound T TH 8 158 7 116 10 130 7 112 8 117 19 106 16 94 10 66 35 899 32 516 0 10 0% 2% es in overa ss 4 1 2 3 1 0 0 0	RT 0 1 1 0 0 0 0 2 2 0 0% all count Total 5 6 6 7 3 0 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	South LT 1 0 1 0 1 0 1 4 2 0 0%	bound TH 122 111 130 133 115 118 125 118 972 496 4 1% 496 4 1% 972 496 0 0 0 0 0 0 0 0 0 0 0	22 22 22 17 24 17 23 33 180 83 0 % 0% 0%	Total 351 310 336 308 321 289 302 262 2,479 1,305 18 1% Tossing Le th Souther So	One Hour 0 0 1,305 1,275 1,254 1,220 1,174 0 0 0 0 0 0 0 1 2 1 4 2 1 6 0 0 0 0 0 0 0 0 0

laste must		La Me	esa Dr		Driv	/eway (Jeep ⁻	Trail)		Alpiı	ne Rd			Alpir	ne Rd		45 min	Delline
Interval Start		Eastb	ound			West	bound			North	bound			South	bound		15-min Total	Rolling One Hou
Start	UT	LT	TH	RT	UT	LT	ΤН	RT	UT	LT	ΤН	RT	UT	LT	TH	RT	Total	One Hou
4:00 PM	0	0	0	1	0	0	0	0	0	0	2	0	0	0	2	0	5	0
4:15 PM	0	1	0	0	0	0	0	0	0	0	3	0	0	0	0	0	4	0
4:30 PM	0	0	0	1	0	0	0	0	0	0	3	0	0	0	1	0	5	0
4:45 PM	0	1	0	0	0	0	0	0	0	0	2	0	0	0	1	0	4	18
5:00 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	2	15
5:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	12
5:30 PM	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3	10
5:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2	8
Count Total	0	2	0	2	0	0	0	0	0	1	15	0	0	0	5	1	26	0
Peak Hour	0	2	0	2	0	0	0	0	0	0	10	0	0	0	4	0	18	0
Interval		La Me Eastb			Driv	weet	Jeep bound	i rail)		<u> </u>	ne Rd bound				he Rd bound		15-min	Rolling
Start	LT	T		RT	LT		Н	RT	LT		Н	RT	LT			RT	Total	One Hou
4:00 PM	0	()	0	0	(0	0	0		1	0	0	:	3	1	5	0
4:15 PM	0	C)	0	0	(D	0	1		4	0	0		1	0	6	0
4:30 PM	0	()	0	0	(D	0	0		4	0	0	:	2	0	6	0
4:45 PM	0	()	0	0	(D	0	0		4	0	0	;	3	0	7	24
5:00 PM	0	()	0	0	(C	1	0		0	1	0		C	1	3	22
5:15 PM	0	()	0	0	(C	0	0		0	0	0	(C	0	0	16
5:30 PM	0	()	0	0	(C	0	0		2	0	0		C	0	2	12
5:45 PM	0	()	0	0	(C	0	0		0	0	0		C	0	0	5
Count Total	0	()	0	0	(C	1	1	1	5	1	0		9	2	29	0
	0	(0	0		D	0	1		3	0	0		9	1	24	0

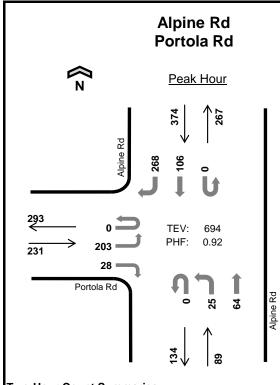


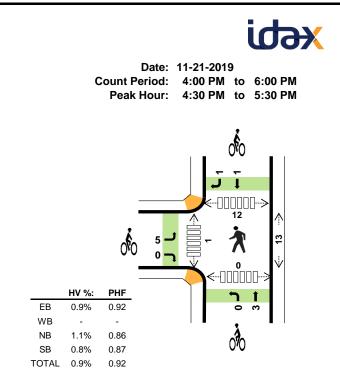


Inter	wal		Porto	ola Rd			l	0			Alpir	ne Rd			Alpir	ne Rd		4E min	Delling
Inter Sta			East	oound			West	bound			North	bound			South	bound		15-min Total	Rolling One Hour
510	ir t	UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	ΤН	RT	ΤΟιαι	One noui
7:00	AM (0	22	0	0	0	0	0	0	0	0	16	0	0	0	10	31	79	0
7:15	AM	0	34	0	1	0	0	0	0	0	6	23	0	0	0	22	56	142	0
7:30	MA	0	23	0	20	0	0	0	0	0	9	45	0	0	0	42	31	170	0
7:45	AM	0	29	0	57	0	0	0	0	0	54	62	0	0	0	61	43	306	697
8:00	MA	0	36	0	9	0	0	0	0	0	26	50	0	0	0	16	41	178	796
8:15	AM	0	44	0	4	0	0	0	0	0	1	25	0	0	0	13	87	174	828
8:30	AM (0	61	0	5	0	0	0	0	0	2	15	0	0	0	16	34	133	791
8:45	i AM	0	29	0	3	0	0	0	0	0	5	20	0	0	0	22	47	126	611
Count [·]	Total	0	278	0	99	0	0	0	0	0	103	256	0	0	0	202	370	1,308	0
Peak	All	0	132	0	90	0	0	0	0	0	90	182	0	0	0	132	202	828	0
lour	HV	0	2	0	3	0	0	0	0	0	2	3	0	0	0	4	2	16	0
iou.	HV%	-	2%	-	3%	-	-	-	-	-	2%	2%	-	-	-	3%	1%	2%	0
ote: Tv	vo-hour	^c count	summa	ry volur	nes inc	lude he	avy vel	hicles bi	ut exclu	ide bicy	cles in d	overall o	count.						
Inter	val		Hea	avy Veh	icle To	tals				Bicy	/cles				Pe	edestria	ns (Cr	ossing Le	g)
Inter	val		Hea	ivy Veh	icle To	tals				Bicy	/cles				Pe	edestria	ins (Cr	ossing L	e

Interval		Heavy	Vehicle	Totals				Bicycles	i			Pedestria	ıns (Cross	ing Leg)	
Start	EB	WB	NB	SB	Total	EB	WB	NB	SB	Total	East	West	North	South	Total
7:00 AM	2	0	1	2	5	8	0	1	1	10	1	0	1	0	2
7:15 AM	0	0	0	1	1	28	0	0	4	32	0	1	1	0	2
7:30 AM	1	0	1	3	5	1	0	0	4	5	10	2	9	0	21
7:45 AM	1	0	2	2	5	1	0	0	3	4	3	0	2	1	6
8:00 AM	2	0	1	0	3	1	0	0	7	8	4	0	0	0	4
8:15 AM	1	0	1	1	3	2	0	0	2	4	2	0	0	0	2
8:30 AM	1	0	0	2	3	2	0	0	4	6	0	0	0	1	1
8:45 AM	0	0	1	3	4	2	0	0	3	5	3	1	2	1	7
Count Total	8	0	7	14	29	45	0	1	28	74	23	4	15	3	45
Peak Hr	5	0	5	6	16	5	0	0	16	21	19	2	11	1	33

Interval		Porto	ola Rd			0				Alpir	ne Rd			Alpir	ne Rd		15-min	Rolling
Start		East	bound			Westb	ound			North	bound			South	bound		Total	One Hou
otart	UT	LT	TH	RT	UT	LT	ΤH	RT	UT	LT	TH	RT	UT	LT	TH	RT	Total	
7:00 AM	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	2	5	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
7:30 AM	0	0	0	1	0	0	0	0	0	0	1	0	0	0	2	1	5	0
7:45 AM	0	1	0	0	0	0	0	0	0	2	0	0	0	0	1	1	5	16
8:00 AM	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	3	14
8:15 AM	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	3	16
8:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	14
8:45 AM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	1	4	13
Count Total	0	5	0	3	0	0	0	0	0	3	4	0	0	0	7	7	29	0
Peak Hour	0	2	0	3	0	0	0	0	0	2	3	0	0	0	4	2	16	0
wo-Hour (Count	Sumi	marie	s - Bil	kes													
wo-Hour (Count			s - Bil	kes	0				Alpir	ne Rd			Alpir	ne Rd			
Interval	Count	Porto	ola Rd	s - Bil	kes						1e Rd				ne Rd bound		15-min	Rolling
		Porto East		s - Bil RT	ces LT	0 Westb TH	ound	RT	LT	North	ne Rd bound 'H	RT	LT	South	bound	RT	15-min Total	
Interval		Porto East	bla Rd	-		Westb	ound H	RT 0	LT 0	North T	bound	RT 0	LT 0	South T	bound	RT 1		
Interval Start	LT	Porto Easti T	bla Rd bound	RT	LT	Westb TH	ound I			North T	bound H			South T	bound H		Total	One Hou
Interval Start 7:00 AM	LT 8	Porto East	ola Rd bound H	RT 0	LT 0	Westb TH	ound	0	0	North T	bound H 1	0	0	South T (bound H D	1	Total	One Hou
Interval Start 7:00 AM 7:15 AM	LT 8 27	Porto Easth T	ola Rd oound H 0 0	RT 0 1	LT 0 0	Westb TH 0	ound H	0 0	0 0	North T	bound TH 1 0	0 0	0 0	South T (bound H D D	1 4	Total 10 32	One Hou 0 0
Interval Start 7:00 AM 7:15 AM 7:30 AM	LT 8 27 1	Porto Easth T	Dia Rd Dound TH D D D	RT 0 1 0	LT 0 0	Westb TH 0 0 0	ound H	0 0 0	0 0 0	North T	bound TH 1 0 0	0 0 0	0 0 0	South T (bound H D D 1	1 4 3	Total 10 32 5	One Hou 0 0
Interval Start 7:00 AM 7:15 AM 7:30 AM 7:45 AM	LT 8 27 1	Porto Eastt T	Dia Rd Dound TH D D D D D	RT 0 1 0 0	LT 0 0 0	Westb TH 0 0 0 0	ound H	0 0 0 0	0 0 0 0	North	bound TH 1 0 0 0	0 0 0 0	0 0 0	South T ((bound TH D D 1 D	1 4 3 3	Total 10 32 5 4	One Hou 0 0 51
Interval Start 7:00 AM 7:15 AM 7:30 AM 7:45 AM 8:00 AM	LT 8 27 1 1 1	Porto Easti	bla Rd bound bround bround	RT 0 1 0 0 0	LT 0 0 0 0	Westb TH 0 0 0 0	ound	0 0 0 0 0	0 0 0 0	North	bound TH 1 0 0 0 0 0	0 0 0 0 0	0 0 0 0	South T ((((((((((((((((((bound TH D D D D D D	1 4 3 3 7	Total 10 32 5 4 8	One Hou 0 0 51 49
Interval Start 7:00 AM 7:15 AM 7:30 AM 7:45 AM 8:00 AM 8:15 AM	LT 8 27 1 1 1 2	Porto Easth T	bla Rd bound bround bround	RT 0 1 0 0 0 0 0	LT 0 0 0 0 0 0	Westb TH 0 0 0 0 0 0 0 0	ound H	0 0 0 0 0 0	0 0 0 0 0	North	bound TH 1 0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	South T ((((((((((((((((((bound H D D 1 D D D D	1 4 3 3 7 2	Total 10 32 5 4 8 4	One Hou 0 0 51 49 21
Interval Start 7:00 AM 7:15 AM 7:30 AM 7:45 AM 8:00 AM 8:15 AM 8:30 AM	LT 8 27 1 1 1 1 2 2	Porto Eastt T	bla Rd bound bound <	RT 0 1 0 0 0 0 0 0 0	LT 0 0 0 0 0 0 0 0 0	Westb TH 0 0 0 0 0 0 0 0 0 0	ound H	0 0 0 0 0 0 0	0 0 0 0 0 0 0	North	bound TH 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	South T ((((((((((((((((((bound H D D D D D D D D D D 1	1 4 3 3 7 2 3	Total 10 32 5 4 8 4 6	One Hou 0 0 51 49 21 22





last en			Porto	la Rd			()			Alpir	ne Rd			Alpi	ne Rd		45	Dellar
Inter Sta			Eastb	ound			West	oound			North	bound			South	nbound		15-min Total	Rolling One Hour
318	ir L	UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	TH	RT	TOLAI	One Hou
4:00	PM	0	45	0	3	0	0	0	0	0	6	22	0	0	0	22	47	145	0
4:15	PM	0	47	0	8	0	0	0	0	0	4	24	0	0	0	27	39	149	0
4:30	PM	0	46	0	12	0	0	0	0	0	10	10	0	0	0	32	64	174	0
4:45	PM	0	46	0	4	0	0	0	0	0	4	22	0	0	0	22	63	161	629
5:00	PM	0	55	0	5	0	0	0	0	0	6	19	0	0	0	15	70	170	654
5:15	PM	0	56	0	7	0	0	0	0	0	5	13	0	0	0	37	71	189	694
5:30	PM	0	48	0	4	0	0	0	0	0	2	15	0	0	0	27	57	153	673
5:45	PM	0	25	0	2	0	0	0	0	0	4	18	0	0	0	27	56	132	644
Count	Total	0	368	0	45	0	0	0	0	0	41	143	0	0	0	209	467	1,273	0
Peak	All	0	203	0	28	0	0	0	0	0	25	64	0	0	0	106	268	694	0
Hour	ΗV	0	0	0	2	0	0	0	0	0	0	1	0	0	0	1	2	6	0
noui	HV%	-	0%	-	7%	-	-	-	-	-	0%	2%	-	-	-	1%	1%	1%	0
lote: Tv	vo-hour	count	summa	ry volui	mes inc	lude he	eavy veh	nicles bu	ut exclu	de bicy	cles in	overall	count.						
Inter	val		Hea	vy Veł	nicle To	tals				Bicy	cles				P	edestria	ans (Cr	ossing Le	g)
Sta	rt	EB	WB	N	IB	SB	Total	EB	WB	N	IB	SB	Total	Eas	t	West	Nort	h Sout	th Tota
4:00	PM	0	0		3	2	5	3	0	;	3	3	9	3		1	3	0	7
4:15	PM	1	0		0	0	1	0	0		1	0	1	2		0	0	0	2
4:30	PM	2	0		0	3	5	1	0		1	0	2	5		0	3	0	8

4:45 PM

5:00 PM

5:15 PM

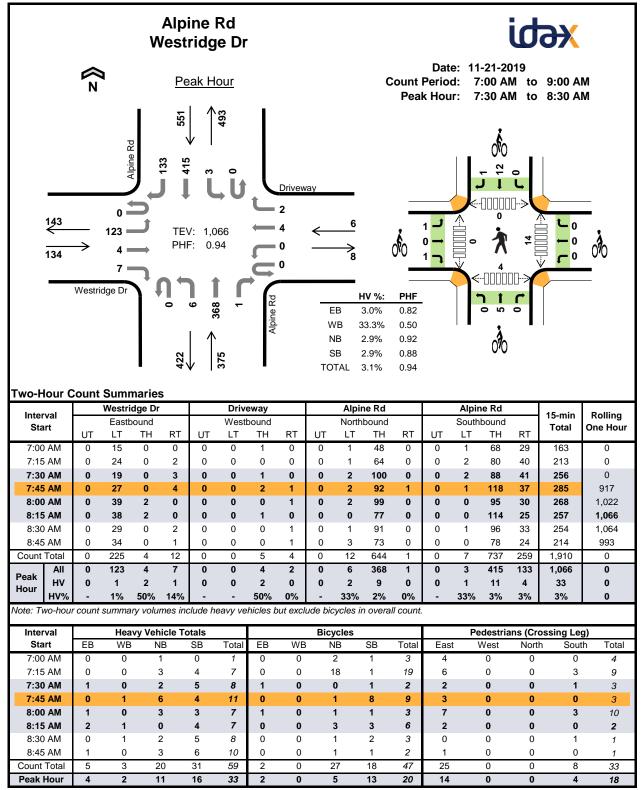
5:30 PM

5:45 PM

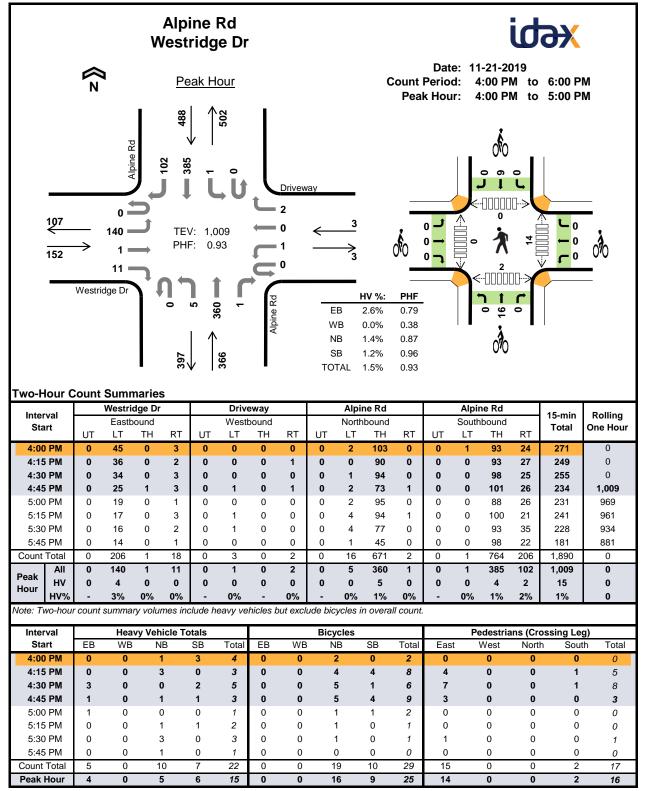
Count Total

Peak Hr

Interval		Porto	la Rd			0				Alpir	ne Rd			Alpir	ne Rd		15-min	Rolling
Start		Eastb	ound			Westb	ound			North	bound			South	bound		Total	One Hou
Start	UT	LT	ΤH	RT	UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	TH	RT	Total	One not
4:00 PM	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	1	5	0
4:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
4:30 PM	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	2	5	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
5:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	7
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2
5:45 PM	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	4
Count Total	0	1	0	2	0	0	0	0	0	0	6	0	0	0	3	3	15	0
Peak Hour	0	0	0	2	0	0	0	0	0	0	1	0	0	0	1	2	6	0
													-				-	
		Porto	la Rd			0				Alnir	ne Rd		1	Alpir	e Rd			<u> </u>
Interval		Porto Fastb				0 Westb				_	ne Rd			Alpir South			15-min	Rolling
Interval Start	LT	Porto Eastb	ound	RT	LT	0 Westb T⊦	ound	RT	LT	North	ne Rd bound H	RT	LT		bound	RT	· 15-min Total	
	LT 2	Eastb	ound H	RT 1	LT 0	Westb	ound I	RT 0	LT 0	North T	bound	RT 0	LT 0	South	bound H	RT 2		
Start		Eastb T	ound H			Westb TH	ound I			North T	bound H			South T	bound H 1		Total	One Ho
Start 4:00 PM	2	Eastb T	ound H)	1	0	Westb TH	ound I	0	0	North T	bound H 3	0	0	South T	bound H 1)	2	Total 9	One Ho
Start 4:00 PM 4:15 PM	2 0	Eastb T (ound H))	1 0	0 0	Westb TH 0	ound I	0 0	0 0	North T	bound TH 3 1	0 0	0 0	South T	bound H 1))	2 0	Total 9 1	One Ho 0 0
Start 4:00 PM 4:15 PM 4:30 PM	2 0 1	Eastb T ((ound H)))	1 0 0	0 0 0	Westb TH 0 0	ound	0 0 0	0 0 0	North T	bound TH 3 1 1	0 0 0	0 0 0	South T	bound H 1 D D D	2 0 0	Total 9 1 2	One Ho 0 0
Start 4:00 PM 4:15 PM 4:30 PM 4:45 PM	2 0 1 2	Eastb T C C	ound H))))	1 0 0 0	0 0 0 0	Westb TH 0 0 0 0	ound 1	0 0 0 0	0 0 0 0	North T	bound TH 3 1 1 2	0 0 0 0	0 0 0 0	South T	bound H 1))))))	2 0 0 0	Total 9 1 2 4	One Ho 0 0 16
Start 4:00 PM 4:15 PM 4:30 PM 4:45 PM 5:00 PM	2 0 1 2 1	Eastb T ((((((ound H))))	1 0 0 0 0	0 0 0 0 0	Westb TH 0 0 0 0 0	ound	0 0 0 0 0	0 0 0 0 0	North	bound TH 3 1 1 2 0	0 0 0 0 0	0 0 0 0 0	South T (bound H 1 D D D D D 1	2 0 0 0 1	Total 9 1 2 4 2	One Ho 0 0 16 9
Start 4:00 PM 4:15 PM 4:30 PM 4:45 PM 5:00 PM 5:15 PM	2 0 1 2 1 1	Eastb T C C C C C C C C C C C C C C C C C C	oound H)))))))	1 0 0 0 0 0	0 0 0 0 0	Westb TH 0 0 0 0 0 0 0 0	ound	0 0 0 0 0 0	0 0 0 0 0	North	bound TH 3 1 1 2 0 0	0 0 0 0 0 0	0 0 0 0 0 0	South T ((((bound H 1)))))))	2 0 0 0 1 0	Total 9 1 2 4 2 2 2 2 2	One Ho 0 0 16 9 10
Start 4:00 PM 4:15 PM 4:30 PM 4:45 PM 5:00 PM 5:30 PM	2 0 1 2 1 2 1 0	Eastb T (((((((((((((((((())))))	ound H))))))))	1 0 0 0 0 0 0	0 0 0 0 0 0 0	Westb TH 0 0 0 0 0 0 0 0 0 0	ound	0 0 0 0 0 0 0	0 0 0 0 0 0 0	North	bound TH 3 1 1 2 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	South T (((((((((((bound H 1)))))))	2 0 0 1 0 0	Total 9 1 2 4 2 0	One Ho 0 0 16 9 10 8



	1	Nestri	dge Dr			Driv	eway			Alpiı	ne Rd			Alpir	ne Rd			
Interval Start		Eastb	ound			West	bound			North	bound			South	bound		15-min Total	Rolling One Hou
Start	UT	LT	ΤН	RT	UT	LT	ΤН	RT	UT	LT	TH	RT	UT	LT	TH	RT	Total	One Hou
7:00 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3	1	7	0
7:30 AM	0	0	0	1	0	0	0	0	0	0	2	0	0	1	3	1	8	0
7:45 AM	0	0	0	0	0	0	1	0	0	2	4	0	0	0	3	1	11	27
8:00 AM	0	0	1	0	0	0	0	0	0	0	3	0	0	0	2	1	7	33
8:15 AM	0	1	1	0	0	0	1	0	0	0	0	0	0	0	3	1	7	33
8:30 AM	0	0	0	0	0	0	0	1	0	0	2	0	0	0	5	0	8	33
8:45 AM	0	1	0	0	0	0	0	0	0	1	2	0	0	0	4	2	10	32
Count Total	0	2	2	1	0	0	2	1	0	3	17	0	0	1	23	7	59	0
Peak Hour	0	1	2	1	0	0	2	0	0	2	9	0	0	1	11	4	33	0
Interval		Nestrie	-				eway				ne Rd			-	ne Rd		15-min	Rolling
Start	LT	Eastb TI		RT	LT		bound H	RT	LT		bound H	RT	LT		ibound 'H	RT	Total	One Hou
7:00 AM	0	C		0	0		0	0	0		2	0	0		1	0	3	0
7:15 AM	0	C		0	0		0	0	0		8	0	0		1	0	19	0
7:30 AM	0	0)	1	0	(0	0	0		0	0	0		0	1	2	0
7:45 AM	0	0)	0	0		0	0	0		1	0	0		8	0	9	33
8:00 AM	1	0)	0	0	(0	0	0		1	0	0		1	0	3	33
8:15 AM	0	0)	0	0	(0	0	0		3	0	0	:	3	0	6	20
8:30 AM	0	C)	0	0	(0	0	0		1	0	0		2	0	3	21
8:45 AM	0	C)	0	0	(0	0	0		1	0	0		1	0	2	14
	1	C)	1	0	(0	0	0	2	27	0	0	1	7	1	47	0
Count Total	-														2			



Interval		Westri	dge Dr			Drive	eway			Alpir	ne Rd			Alpir	ne Rd		15-min	Rolling
Start		Eastb	ound			West	bound			North	bound			South	bound		Total	One Hou
otart	UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	TH	RT	UT	LT	TH	RT	Total	one nou
4:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0	4	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3	0
4:30 PM	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	1	5	0
4:45 PM	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	3	15
5:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	12
5:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2	11
5:30 PM	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3	9
5:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	7
Count Total	0	5	0	0	0	0	0	0	0	0	10	0	0	0	4	3	22	0
Peak Hour	0	4	0	0	0	0	0	0	0	0	5	0	0	0	4	2	15	0
Interval		Westri Eastb				West	eway			<u> </u>	he Rd bound				ne Rd		15-min	Rolling
Start	LT	Т		RT	LT	Т		RT	LT		Ή	RT	LT			RT	Total	One Ho
4:00 PM	0	()	0	0	()	0	0	1	2	0	0		0	0	2	0
4:15 PM	0	()	0	0	()	0	0		4	0	0		4	0	8	0
4:30 PM	0	(כ	0	0	()	0	0	:	5	0	0		1	0	6	0
4:45 PM	0	()	0	0	()	0	0	:	5	0	0		4	0	9	25
5:00 PM	0	()	0	0	()	0	0		1	0	0		1	0	2	25
5:15 PM	0	()	0	0	()	0	0		1	0	0		0	0	1	18
5:30 PM	0	()	0	0	()	0	0		1	0	0		0	0	1	13
5:45 PM	0	()	0	0	()	0	0	(C	0	0		0	0	0	4
	0	()	0	0	()	0	0	1	9	0	0	1	0	0	29	0
Count Total				0	0)	0	0		6	0	0		9	0	25	0

Apendix B Level of Service Calculations

19.4 С

Intersection

Intersection Delay, s/veh Intersection LOS

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations					é.		٦	† †			† †	
Traffic Vol, veh/h	0	0	0	284	1	0	284	641	0	0	593	0
Future Vol, veh/h	0	0	0	284	1	0	284	641	0	0	593	0
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	0	0	284	1	0	284	641	0	0	593	0
Number of Lanes	0	0	0	0	1	0	1	2	0	0	2	0
Approach				WB			NB				SB	
Opposing Approach							SB				NB	
Opposing Lanes				0			2				3	
Conflicting Approach Left				NB							WB	
Conflicting Lanes Left				3			0				1	
Conflicting Approach Right				SB			WB					
Conflicting Lanes Right				2			1				0	
HCM Control Delay				26.3			17				19.7	
HCM LOS				D			С				С	

Lane	NBLn1	NBLn2	NBLn3	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	0%	100%	0%	0%
Vol Thru, %	0%	100%	100%	0%	100%	100%
Vol Right, %	0%	0%	0%	0%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	284	321	321	285	297	297
LT Vol	284	0	0	284	0	0
Through Vol	0	321	321	1	297	297
RT Vol	0	0	0	0	0	0
Lane Flow Rate	284	320	320	285	296	296
Geometry Grp	7	7	7	7	8	8
Degree of Util (X)	0.58	0.609	0.451	0.664	0.651	0.504
Departure Headway (Hd)	7.356	6.844	5.067	8.386	7.905	6.118
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Сар	491	529	708	430	457	587
Service Time	5.097	4.584	2.807	6.129	5.653	3.866
HCM Lane V/C Ratio	0.578	0.605	0.452	0.663	0.648	0.504
HCM Control Delay	19.8	19.7	11.9	26.3	24.3	15
HCM Lane LOS	С	С	В	D	С	В
HCM 95th-tile Q	3.6	4	2.4	4.7	4.5	2.8

Int Delay, s/veh	11.1					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	٦	1		**	1	
Traffic Vol, veh/h	346	389	0	625	480	0
Future Vol, veh/h	346	389	0	625	480	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	Yield	-	Free	-	Free
Storage Length	0	0	-	-	-	-
Veh in Median Storage	e, # 0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	346	389	0	625	480	0

Major/Minor	Minor2	Ν	/lajor1	Ν	/lajor2	
Conflicting Flow All	793	480	-	0	-	0
Stage 1	480	-	-	-	-	-
Stage 2	313	-	-	-	-	-
Critical Hdwy	6.63	6.23	-	-	-	-
Critical Hdwy Stg 1	5.43	-	-	-	-	-
Critical Hdwy Stg 2	5.83	-	-	-	-	-
Follow-up Hdwy	3.519	3.319	-	-	-	-
Pot Cap-1 Maneuver	~ 341	585	0	-	-	0
Stage 1	621	-	0	-	-	0
Stage 2	715	-	0	-	-	0
Platoon blocked, %				-	-	
Mov Cap-1 Maneuver		585	-	-	-	-
Mov Cap-2 Maneuver		-	-	-	-	-
Stage 1	621	-	-	-	-	-
Stage 2	715	-	-	-	-	-
Approach	EB		NB		SB	
HCM Control Delay, s	27.7		0		0	
HCM LOS	D					
Minor Lane/Major Mvi	mt		EBLn1 E	-RI n2	SBT	
Capacity (veh/h)	III	NDIL	457	585	- 100	
HCM Lane V/C Ratio		-		0.665	-	
HCM Control Delay (s	•)	-	33.5	22.5	-	
HCM Lane LOS	<i>)</i>	_	55.5 D	22.J C	-	
HCM 95th %tile Q(ver	1)	-	6.4	5	-	
· · · · ·	')		0.4	5		
Notes						

~: Volume exceeds capacity \$: Delay exceeds 300s +: Computation Not Defined *: All major volume in platoon

Int Delay, s/veh	2					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	٦	1	٦	†	1	1
Traffic Vol, veh/h	123	5	21	700	638	206
Future Vol, veh/h	123	5	21	700	638	206
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	25	0	-	-	200
Veh in Median Storage	,# 0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	123	5	21	700	638	206

Major/Minor	Minor2		Major1	Maj	or2		
Conflicting Flow All	1380	638	844	0	-	0	
Stage 1	638	-	-	-	-	-	
Stage 2	742	-	-	-	-	-	
Critical Hdwy	6.42	6.22	4.12	-	-	-	
Critical Hdwy Stg 1	5.42	-	-	-	-	-	
Critical Hdwy Stg 2	5.42	-	-	-	-	-	
Follow-up Hdwy		3.318	2.218	-	-	-	
Pot Cap-1 Maneuver	159	477	792	-	-	-	
Stage 1	526	-	-	-	-	-	
Stage 2	471	-	-	-	-	-	
Platoon blocked, %				-	-	-	
Mov Cap-1 Maneuver	155	477	792	-	-	-	
Mov Cap-2 Maneuver	294	-	-	-	-	-	
Stage 1	512	-	-	-	-	-	
Stage 2	471	-	-	-	-	-	

Approach	EB	NB	SB
HCM Control Delay, s	25.3	0.3	0
HCM LOS	D		

Minor Lane/Major Mvmt	NBL	NBT E	EBLn1 E	BLn2	SBT	SBR
Capacity (veh/h)	792	-	294	477	-	-
HCM Lane V/C Ratio	0.027	-	0.418	0.01	-	-
HCM Control Delay (s)	9.7	-	25.8	12.6	-	-
HCM Lane LOS	А	-	D	В	-	-
HCM 95th %tile Q(veh)	0.1	-	2	0	-	-

Int Delay, s/veh	4.6					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	٦	1	٦	1	1	1
Traffic Vol, veh/h	211	50	19	516	551	86
Future Vol, veh/h	211	50	19	516	551	86
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	150	-	-	0
Veh in Median Storage	,#0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	211	50	19	516	551	86

Major/Minor	Minor2	l	Major1	Maj	or2		
Conflicting Flow All	1105	551	637	0	-	0	
Stage 1	551	-	-	-	-	-	
Stage 2	554	-	-	-	-	-	
Critical Hdwy	6.42	6.22	4.12	-	-	-	
Critical Hdwy Stg 1	5.42	-	-	-	-	-	
Critical Hdwy Stg 2	5.42	-	-	-	-	-	
Follow-up Hdwy	3.518	3.318	2.218	-	-	-	
Pot Cap-1 Maneuver	233	534	947	-	-	-	
Stage 1	577	-	-	-	-	-	
Stage 2	575	-	-	-	-	-	
Platoon blocked, %				-	-	-	
Mov Cap-1 Maneuver	228	534	947	-	-	-	
Mov Cap-2 Maneuve	364	-	-	-	-	-	
Stage 1	565	-	-	-	-	-	
Stage 2	575	-	-	-	-	-	

Approach	EB	NB	SB
HCM Control Delay, s	24.8	0.3	0
HCM LOS	С		

Minor Lane/Major Mvmt	NBL	NBT E	BLn1	EBLn2	SBT	SBR
Capacity (veh/h)	947	-	364	534	-	-
HCM Lane V/C Ratio	0.02	-	0.58	0.094	-	-
HCM Control Delay (s)	8.9	-	27.7	12.4	-	-
HCM Lane LOS	А	-	D	В	-	-
HCM 95th %tile Q(veh)	0.1	-	3.5	0.3	-	-

3.3

Intersection

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		÷.	1		\$		٦	¢Î,			ŧ	1
Traffic Vol, veh/h	123	4	7	0	4	2	6	368	1	3	415	133
Future Vol, veh/h	123	4	7	0	4	2	6	368	1	3	415	133
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None									
Storage Length	-	-	25	-	-	-	100	-	-	-	-	100
Veh in Median Storage,	# -	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	123	4	7	0	4	2	6	368	1	3	415	133

Major/Minor	Minor2			Minor1			Major1			Major2			
Conflicting Flow All	805	802	415	874	935	369	548	0	0	369	0	0	
Stage 1	421	421	-	381	381	-	-	-	-	-	-	-	
Stage 2	384	381	-	493	554	-	-	-	-	-	-	-	
Critical Hdwy	7.12	6.52	6.22	7.12	6.52	6.22	4.12	-	-	4.12	-	-	
Critical Hdwy Stg 1	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-	
Critical Hdwy Stg 2	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-	
Follow-up Hdwy	3.518	4.018	3.318	3.518	4.018	3.318	2.218	-	-	2.218	-	-	
Pot Cap-1 Maneuver	301	317	637	270	265	677	1021	-	-	1190	-	-	
Stage 1	610	589	-	641	613	-	-	-	-	-	-	-	
Stage 2	639	613	-	558	514	-	-	-	-	-	-	-	
Platoon blocked, %								-	-		-	-	
Mov Cap-1 Maneuver	294	314	637	262	262	677	1021	-	-	1190	-	-	
Mov Cap-2 Maneuver	294	314	-	262	262	-	-	-	-	-	-	-	
Stage 1	606	587	-	637	609	-	-	-	-	-	-	-	
Stage 2	629	609	-	546	512	-	-	-	-	-	-	-	

Approach	EB	WB	NB	SB	
HCM Control Delay, s	25.3	16.1	0.1	0	
HCM LOS	D	С			

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	EBLn2V	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1021	-	-	295	637	329	1190	-	-
HCM Lane V/C Ratio	0.006	-	-	0.431	0.011	0.018	0.003	-	-
HCM Control Delay (s)	8.5	-	-	26.1	10.7	16.1	8	0	-
HCM Lane LOS	А	-	-	D	В	С	Α	А	-
HCM 95th %tile Q(veh)	0	-	-	2.1	0	0.1	0	-	-

Int Delay, s/veh	3.6					
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations	Y		t,		٦	1
Traffic Vol, veh/h	109	27	349	163	62	354
Future Vol, veh/h	109	27	349	163	62	354
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	100	-
Veh in Median Storage	,# 0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	109	27	349	163	62	354

Major/Minor	Minor1	Ν	1ajor1	Ν	/lajor2	
Conflicting Flow All	909	431	0	0	512	0
Stage 1	431	-	-	-	-	-
Stage 2	478	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	305	624	-	-	1053	-
Stage 1	655	-	-	-	-	-
Stage 2	624	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	287	624	-	-	1053	-
Mov Cap-2 Maneuver	287	-	-	-	-	-
Stage 1	655	-	-	-	-	-
Stage 2	587	-	-	-	-	-
A					00	

Approach	WB	NB	SB
HCM Control Delay, s	24.2	0	1.3
HCM LOS	С		

Vinor Lane/Major Mvmt	NBT	NBRW	/BLn1	SBL	SBT
Capacity (veh/h)	-	-	321	1053	-
HCM Lane V/C Ratio	-	-	0.424	0.059	-
HCM Control Delay (s)	-	-	24.2	8.6	-
HCM Lane LOS	-	-	С	А	-
HCM 95th %tile Q(veh)	-	-	2	0.2	-

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	٦	1		र्भ	1	1
Traffic Vol, veh/h	132	90	90	182	132	202
Future Vol, veh/h	132	90	90	182	132	202
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	132	90	90	182	132	202
Number of Lanes	1	1	0	1	1	1
Approach	EB		NB		SB	
Opposing Approach			SB		NB	
Opposing Lanes	0		2		1	
Conflicting Approach Left	SB		EB			
Conflicting Lanes Left	2		2		0	
Conflicting Approach Right	NB				EB	
Conflicting Lanes Right	1		0		2	
HCM Control Delay	10.3		12.2		9.4	
HCM LOS	В		В		А	

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	33%	100%	0%	0%	0%
Vol Thru, %	67%	0%	0%	100%	0%
Vol Right, %	0%	0%	100%	0%	100%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	272	132	90	132	202
LT Vol	90	132	0	0	0
Through Vol	182	0	0	132	0
RT Vol	0	0	90	0	202
Lane Flow Rate	272	132	90	132	202
Geometry Grp	4	7	7	7	7
Degree of Util (X)	0.407	0.237	0.131	0.2	0.267
Departure Headway (Hd)	5.392	6.452	5.24	5.457	4.75
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Сар	664	552	676	652	749
Service Time	3.469	4.251	3.038	3.234	2.527
HCM Lane V/C Ratio	0.41	0.239	0.133	0.202	0.27
HCM Control Delay	12.2	11.3	8.8	9.6	9.3
HCM Lane LOS	В	В	А	А	А
HCM 95th-tile Q	2	0.9	0.4	0.7	1.1

Intersection Delay, s/veh Intersection LOS

17.8 С

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations					£		٦	^			^	
Traffic Vol, veh/h	0	0	0	166	7	0	287	366	0	0	825	0
Future Vol, veh/h	0	0	0	166	7	0	287	366	0	0	825	0
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	0	0	166	7	0	287	366	0	0	825	0
Number of Lanes	0	0	0	0	1	0	1	2	0	0	2	0
Approach				WB			NB				SB	
Opposing Approach							SB				NB	
Opposing Lanes				0			2				3	
Conflicting Approach Left				NB							WB	
Conflicting Lanes Left				3			0				1	
Conflicting Approach Right				SB			WB					
Conflicting Lanes Right				2			1				0	
HCM Control Delay				15.9			13.6				21.5	
HCM LOS				С			В				С	

Lane	NBLn1	NBLn2	NBLn3	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	0%	96%	0%	0%
Vol Thru, %	0%	100%	100%	4%	100%	100%
Vol Right, %	0%	0%	0%	0%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	287	183	183	173	413	413
LT Vol	287	0	0	166	0	0
Through Vol	0	183	183	7	413	413
RT Vol	0	0	0	0	0	0
Lane Flow Rate	287	183	183	173	412	412
Geometry Grp	7	7	7	7	8	8
Degree of Util (X)	0.545	0.322	0.232	0.387	0.771	0.569
Departure Headway (Hd)	6.834	6.326	4.563	8.063	6.732	4.97
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Сар	525	565	780	445	536	718
Service Time	4.607	4.099	2.335	5.846	4.51	2.747
HCM Lane V/C Ratio	0.547	0.324	0.235	0.389	0.769	0.574
HCM Control Delay	17.6	12.1	8.7	15.9	28.8	14.2
HCM Lane LOS	С	В	А	С	D	В
HCM 95th-tile Q	3.2	1.4	0.9	1.8	6.9	3.6

Int Delay, s/veh	4.2					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	٦	1		† †	†	
Traffic Vol, veh/h	87	279	0	557	467	0
Future Vol, veh/h	87	279	0	557	467	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	Yield	-	Free	-	Free
Storage Length	0	0	-	-	-	-
Veh in Median Storage	e, # 0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	87	279	0	557	467	0

Major/Minor	Minor2	Ν	/lajor1	Ма	ijor2	
Conflicting Flow All	746	467	-	0	-	0
Stage 1	467	-	-	-	-	-
Stage 2	279	-	-	-	-	-
Critical Hdwy	6.63	6.23	-	-	-	-
Critical Hdwy Stg 1	5.43	-	-	-	-	-
Critical Hdwy Stg 2	5.83	-	-	-	-	-
Follow-up Hdwy	3.519	3.319	-	-	-	-
Pot Cap-1 Maneuver	365	595	0	-	-	0
Stage 1	630	-	0	-	-	0
Stage 2	744	-	0	-	-	0
Platoon blocked, %				-	-	
Mov Cap-1 Maneuver	365	595	-	-	-	-
Mov Cap-2 Maneuver	476	-	-	-	-	-
Stage 1	630	-	-	-	-	-
Stage 2	744	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	15.8	0	0
HCM LOS	С		

Minor Lane/Major Mvmt	NBT EBLn1 EBLn2	SBT
Capacity (veh/h)	- 476 595	-
HCM Lane V/C Ratio	- 0.183 0.469	-
HCM Control Delay (s)	- 14.2 16.3	-
HCM Lane LOS	- B C	-
HCM 95th %tile Q(veh)	- 0.7 2.5	-

Int Delay, s/veh	1.8						
Movement	EBL	EBR	NBL	NBT	SBT	SBR	
Lane Configurations	٦	1	٦	1	1	1	1
Traffic Vol, veh/h	110	15	15	626	579	149)
Future Vol, veh/h	110	15	15	626	579	149)
Conflicting Peds, #/hr	0	0	0	0	0	0)
Sign Control	Stop	Stop	Free	Free	Free	Free	;
RT Channelized	-	None	-	None	-	None	ļ
Storage Length	0	25	0	-	-	200)
Veh in Median Storage	, # 0	-	-	0	0	-	
Grade, %	0	-	-	0	0	-	
Peak Hour Factor	100	100	100	100	100	100)
Heavy Vehicles, %	2	2	2	2	2	2	
Mvmt Flow	110	15	15	626	579	149)

Major/Minor	Minor2		Major1	Maj	or2		
Conflicting Flow All	1235	579	728	0	-	0	
Stage 1	579	-	-	-	-	-	
Stage 2	656	-	-	-	-	-	
Critical Hdwy	6.42	6.22	4.12	-	-	-	
Critical Hdwy Stg 1	5.42	-	-	-	-	-	
Critical Hdwy Stg 2	5.42	-	-	-	-	-	
Follow-up Hdwy	3.518	3.318	2.218	-	-	-	
Pot Cap-1 Maneuver	195	515	876	-	-	-	
Stage 1	560	-	-	-	-	-	
Stage 2	516	-	-	-	-	-	
Platoon blocked, %				-	-	-	
Mov Cap-1 Maneuver	192	515	876	-	-	-	
Mov Cap-2 Maneuver	330	-	-	-	-	-	
Stage 1	550	-	-	-	-	-	
Stage 2	516	-	-	-	-	-	

Approach	EB	NB	SB
HCM Control Delay, s	20.2	0.2	0
HCM LOS	С		

Minor Lane/Major Mvmt	NBL	NBT EBLn1	EBLn2	SBT	SBR	
Capacity (veh/h)	876	- 330	515	-	-	
HCM Lane V/C Ratio	0.017	- 0.333	0.029	-	-	
HCM Control Delay (s)	9.2	- 21.3	12.2	-	-	
HCM Lane LOS	А	- C	В	-	-	
HCM 95th %tile Q(veh)	0.1	- 1.4	0.1	-	-	

Int Delay, s/veh	2.6					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	٦	1	٦	†	†	1
Traffic Vol, veh/h	133	35	33	523	498	83
Future Vol, veh/h	133	35	33	523	498	83
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	150	-	-	0
Veh in Median Storage	,# 0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	133	35	33	523	498	83

Major/Minor	Minor2	1	Major1	Maj	or2	
Conflicting Flow All	1087	498	581	0	-	0
Stage 1	498	-	-	-	-	-
Stage 2	589	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	239	572	993	-	-	-
Stage 1	611	-	-	-	-	-
Stage 2	554	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	231	572	993	-	-	-
Mov Cap-2 Maneuver	366	-	-	-	-	-
Stage 1	591	-	-	-	-	-
Stage 2	554	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	18.5	0.5	0
HCM LOS	С		

Minor Lane/Major Mvmt	NBL	NBT EBLn1	EBLn2	SBT	SBR	
Capacity (veh/h)	993	- 366	572	-	-	
HCM Lane V/C Ratio	0.033	- 0.363	0.061	-	-	
HCM Control Delay (s)	8.8	- 20.3	11.7	-	-	
HCM Lane LOS	А	- C	В	-	-	
HCM 95th %tile Q(veh)	0.1	- 1.6	0.2	-	-	

3.6

Intersection

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		ŧ	1		\$		٢	f,			ŧ	1
Traffic Vol, veh/h	140	1	11	1	0	2	5	360	1	1	385	102
Future Vol, veh/h	140	1	11	1	0	2	5	360	1	1	385	102
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None									
Storage Length	-	-	25	-	-	-	100	-	-	-	-	100
Veh in Median Storage,	# -	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	140	1	11	1	0	2	5	360	1	1	385	102

Major/Minor	Minor2			Minor1			Major1		N	lajor2			
Conflicting Flow All	759	758	385	815	860	361	487	0	0	361	0	0	
Stage 1	387	387	-	371	371	-	-	-	-	-	-	-	
Stage 2	372	371	-	444	489	-	-	-	-	-	-	-	
Critical Hdwy	7.12	6.52	6.22	7.12	6.52	6.22	4.12	-	-	4.12	-	-	
Critical Hdwy Stg 1	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-	
Critical Hdwy Stg 2	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-	
Follow-up Hdwy	3.518	4.018	3.318	3.518	4.018	3.318	2.218	-	- 3	2.218	-	-	
Pot Cap-1 Maneuver	323	336	663	296	294	684	1076	-	-	1198	-	-	
Stage 1	637	610	-	649	620	-	-	-	-	-	-	-	
Stage 2	648	620	-	593	549	-	-	-	-	-	-	-	
Platoon blocked, %								-	-		-	-	
Mov Cap-1 Maneuver	321	334	663	289	292	684	1076	-	-	1198	-	-	
Mov Cap-2 Maneuver	321	334	-	289	292	-	-	-	-	-	-	-	
Stage 1	634	609	-	646	617	-	-	-	-	-	-	-	
Stage 2	643	617	-	582	548	-	-	-	-	-	-	-	

Approach	EB	WB	NB	SB	
HCM Control Delay, s	23.7	12.7	0.1	0	
HCM LOS	С	В			

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	EBLn2V	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1076	-	-	321	663	470	1198	-	-
HCM Lane V/C Ratio	0.005	-	-	0.439	0.017	0.006	0.001	-	-
HCM Control Delay (s)	8.4	-	-	24.7	10.5	12.7	8	0	-
HCM Lane LOS	А	-	-	С	В	В	А	А	-
HCM 95th %tile Q(veh)	0	-	-	2.1	0.1	0	0	-	-

Int Delay, s/veh	7.3					
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations	Y		t,		٦	1
Traffic Vol, veh/h	173	82	279	144	58	346
Future Vol, veh/h	173	82	279	144	58	346
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	100	-
Veh in Median Storage	,# 0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	173	82	279	144	58	346

Major/Minor	Minor1	Ν	/lajor1	Ν	/lajor2	
Conflicting Flow All	813	351	0	0	423	0
Stage 1	351	-	-	-	-	-
Stage 2	462	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	348	692	-	-	1136	-
Stage 1	713	-	-	-	-	-
Stage 2	634	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	330	692	-	-	1136	-
Mov Cap-2 Maneuver	330	-	-	-	-	-
Stage 1	713	-	-	-	-	-
Stage 2	602	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	29	0	1.2
HCM LOS	D		

Minor Lane/Major Mvmt	NBT	NBRV	VBLn1	SBL	SBT
Capacity (veh/h)	-	-	397	1136	-
HCM Lane V/C Ratio	-	-	0.642	0.051	-
HCM Control Delay (s)	-	-	29	8.3	-
HCM Lane LOS	-	-	D	А	-
HCM 95th %tile Q(veh)	-	-	4.3	0.2	-

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	٦	1		ŧ	1	7
Traffic Vol, veh/h	203	28	25	64	106	268
Future Vol, veh/h	203	28	25	64	106	268
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	203	28	25	64	106	268
Number of Lanes	1	1	0	1	1	1
Approach	EB		NB		SB	
Opposing Approach			SB		NB	
Opposing Lanes	0		2		1	
Conflicting Approach Left	SB		EB			
Conflicting Lanes Left	2		2		0	
Conflicting Approach Right	NB				EB	
Conflicting Lanes Right	1		0		2	
HCM Control Delay	11.6		9.4		9.6	
HCM LOS	В		А		А	

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	28%	100%	0%	0%	0%
Vol Thru, %	72%	0%	0%	100%	0%
Vol Right, %	0%	0%	100%	0%	100%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	89	203	28	106	268
LT Vol	25	203	0	0	0
Through Vol	64	0	0	106	0
RT Vol	0	0	28	0	268
Lane Flow Rate	89	203	28	106	268
Geometry Grp	4	7	7	7	7
Degree of Util (X)	0.136	0.343	0.038	0.157	0.344
Departure Headway (Hd)	5.494	6.091	4.883	5.328	4.623
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Сар	649	587	727	671	775
Service Time	3.56	3.866	2.657	3.074	2.369
HCM Lane V/C Ratio	0.137	0.346	0.039	0.158	0.346
HCM Control Delay	9.4	12.1	7.9	9.1	9.8
HCM Lane LOS	А	В	А	А	А
HCM 95th-tile Q	0.5	1.5	0.1	0.6	1.5

Intersection Delay, s/veh Intersection LOS

s/veh

19.7 C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations					÷.		7	† †			† †	
Traffic Vol, veh/h	0	0	0	285	1	0	288	649	0	0	595	0
Future Vol, veh/h	0	0	0	285	1	0	288	649	0	0	595	0
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	0	0	285	1	0	288	649	0	0	595	0
Number of Lanes	0	0	0	0	1	0	1	2	0	0	2	0
Approach				WB			NB				SB	
Opposing Approach							SB				NB	
Opposing Lanes				0			2				3	
Conflicting Approach Left				NB							WB	
Conflicting Lanes Left				3			0				1	
Conflicting Approach Right				SB			WB					
Conflicting Lanes Right				2			1				0	
HCM Control Delay				26.6			17.4				19.9	
HCM LOS				D			С				С	

Lane	NBLn1	NBLn2	NBLn3	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	0%	100%	0%	0%
Vol Thru, %	0%	100%	100%	0%	100%	100%
Vol Right, %	0%	0%	0%	0%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	288	325	325	286	298	298
LT Vol	288	0	0	285	0	0
Through Vol	0	325	325	1	298	298
RT Vol	0	0	0	0	0	0
Lane Flow Rate	288	324	324	286	298	298
Geometry Grp	7	7	7	7	8	8
Degree of Util (X)	0.59	0.619	0.458	0.668	0.656	0.508
Departure Headway (Hd)	7.374	6.862	5.085	8.411	7.937	6.15
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Сар	490	526	707	429	455	586
Service Time	5.113	4.6	2.823	6.158	5.686	3.899
HCM Lane V/C Ratio	0.588	0.616	0.458	0.667	0.655	0.509
HCM Control Delay	20.2	20.2	12.1	26.6	24.7	15.1
HCM Lane LOS	С	С	В	D	С	С
HCM 95th-tile Q	3.8	4.2	2.4	4.8	4.6	2.9

Int Delay, s/veh	11.1					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	٦	1		**	1	
Traffic Vol, veh/h	346	390	0	637	484	0
Future Vol, veh/h	346	390	0	637	484	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	Yield	-	Free	-	Free
Storage Length	0	0	-	-	-	-
Veh in Median Storage	e, # 0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	346	390	0	637	484	0

Major/Minor	Minor2	Ν	/lajor1	Ν	/lajor2	
Conflicting Flow All	803	484	-	0	-	0
Stage 1	484	-	-	-	-	-
Stage 2	319	-	-	-	-	-
Critical Hdwy	6.63	6.23	-	-	-	-
Critical Hdwy Stg 1	5.43	-	-	-	-	-
Critical Hdwy Stg 2	5.83	-	-	-	-	-
Follow-up Hdwy		3.319	-	-	-	-
Pot Cap-1 Maneuver	~ 336	582	0	-	-	0
Stage 1	619	-	0	-	-	0
Stage 2	710	-	0	-	-	0
Platoon blocked, %				-	-	
Mov Cap-1 Maneuver		582	-	-	-	-
Mov Cap-2 Maneuver		-	-	-	-	-
Stage 1	619	-	-	-	-	-
Stage 2	710	-	-	-	-	-
Approach	EB		NB		SB	
HCM Control Delay, s	3 28.1		0		0	
HCM LOS	D					
Minor Lane/Major My	mt	NRT F	-Bl n1 F	-BL n2	SBT	
		-				
		_				
	2)					
	,	-				
	h)	-			-	
Minor Lane/Major Mv Capacity (veh/h) HCM Lane V/C Ratio HCM Control Delay (s HCM Lane LOS HCM 95th %tile Q(vel	6)	-	EBLn1 E 454 0.762 34.1 D 6.5	EBLn2 582 0.67 22.8 C 5	<u>SBT</u> - - -	

Notes

~: Volume exceeds capacity \$: Delay exceeds 300s +: Computation Not Defined *: All major volume in platoon

Int Delay, s/veh	2.1					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	٦	1	٦	1	1	1
Traffic Vol, veh/h	123	5	21	716	643	206
Future Vol, veh/h	123	5	21	716	643	206
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	25	0	-	-	200
Veh in Median Storage	,# 0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	123	5	21	716	643	206

Major/Minor	Minor2		Major1	Maj	or2	
Conflicting Flow All	1401	643	849	0	-	0
Stage 1	643	-	-	-	-	-
Stage 2	758	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	154	473	789	-	-	-
Stage 1	523	-	-	-	-	-
Stage 2	463	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	150	473	789	-	-	-
Mov Cap-2 Maneuver	290	-	-	-	-	-
Stage 1	509	-	-	-	-	-
Stage 2	463	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	25.8	0.3	0
HCM LOS	D		

Minor Lane/Major Mvmt	NBL	NBT I	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	789	-	290	473	-	-
HCM Lane V/C Ratio	0.027	-	0.424	0.011	-	-
HCM Control Delay (s)	9.7	-	26.3	12.7	-	-
HCM Lane LOS	А	-	D	В	-	-
HCM 95th %tile Q(veh)	0.1	-	2	0	-	-

Int Delay, s/veh	4.7					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	٦	1	٦	1	1	1
Traffic Vol, veh/h	211	50	19	532	556	86
Future Vol, veh/h	211	50	19	532	556	86
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	150	-	-	0
Veh in Median Storage	,# 0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	211	50	19	532	556	86

Major/Minor	Minor2		Major1	Maj	or2	
Conflicting Flow All	1126	556	642	0	-	0
Stage 1	556	-	-	-	-	-
Stage 2	570	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	227	531	943	-	-	-
Stage 1	574	-	-	-	-	-
Stage 2	566	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	222	531	943	-	-	-
Mov Cap-2 Maneuver	359	-	-	-	-	-
Stage 1	563	-	-	-	-	-
Stage 2	566	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	25.4	0.3	0
HCM LOS	D		

Minor Lane/Major Mvmt	NBL	NBT E	BLn1	EBLn2	SBT	SBR	
Capacity (veh/h)	943	-	359	531	-	-	
HCM Lane V/C Ratio	0.02	-	0.588	0.094	-	-	
HCM Control Delay (s)	8.9	-	28.4	12.5	-	-	
HCM Lane LOS	А	-	D	В	-	-	
HCM 95th %tile Q(veh)	0.1	-	3.6	0.3	-	-	

3.4

Intersection

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		र्स	1		4		٦	f.			र्स	1
Traffic Vol, veh/h	123	4	7	0	4	2	6	384	1	3	420	133
Future Vol, veh/h	123	4	7	0	4	2	6	384	1	3	420	133
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	25	-	-	-	100	-	-	-	-	100
Veh in Median Storage,	, # -	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	123	4	7	0	4	2	6	384	1	3	420	133

Major/Minor	Minor2			Minor1			Major1		Ν	/lajor2			
Conflicting Flow All	826	823	420	895	956	385	553	0	0	385	0	0	
Stage 1	426	426	-	397	397	-	-	-	-	-	-	-	
Stage 2	400	397	-	498	559	-	-	-	-	-	-	-	
Critical Hdwy	7.12	6.52	6.22	7.12	6.52	6.22	4.12	-	-	4.12	-	-	
Critical Hdwy Stg 1	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-	
Critical Hdwy Stg 2	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-	
Follow-up Hdwy	3.518	4.018	3.318	3.518	4.018	3.318	2.218	-	-	2.218	-	-	
Pot Cap-1 Maneuver	291	309	633	261	258	663	1017	-	-	1173	-	-	
Stage 1	606	586	-	629	603	-	-	-	-	-	-	-	
Stage 2	626	603	-	554	511	-	-	-	-	-	-	-	
Platoon blocked, %								-	-		-	-	
Mov Cap-1 Maneuver	285	306	633	254	255	663	1017	-	-	1173	-	-	
Mov Cap-2 Maneuver	285	306	-	254	255	-	-	-	-	-	-	-	
Stage 1	602	584	-	625	599	-	-	-	-	-	-	-	
Stage 2	616	599	-	542	509	-	-	-	-	-	-	-	

Approach	EB	WB	NB	SB	
HCM Control Delay, s	26.4	16.4	0.1	0	
HCM LOS	D	С			

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	EBLn2V	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1017	-	-	286	633	321	1173	-	-
HCM Lane V/C Ratio	0.006	-	-	0.444	0.011	0.019	0.003	-	-
HCM Control Delay (s)	8.6	-	-	27.3	10.8	16.4	8.1	0	-
HCM Lane LOS	А	-	-	D	В	С	А	А	-
HCM 95th %tile Q(veh)	0	-	-	2.2	0	0.1	0	-	-

Int Delay, s/veh	3.6					
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations	Y		t,		٦	1
Traffic Vol, veh/h	109	28	350	163	64	356
Future Vol, veh/h	109	28	350	163	64	356
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	100	-
Veh in Median Storage	,# 0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	109	28	350	163	64	356

Major/Minor	Minor1	Ν	1ajor1	Ν	/lajor2	
Conflicting Flow All	916	432	0	0	513	0
Stage 1	432	-	-	-	-	-
Stage 2	484	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	302	624	-	-	1052	-
Stage 1	655	-	-	-	-	-
Stage 2	620	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	284	624	-	-	1052	-
Mov Cap-2 Maneuver	284	-	-	-	-	-
Stage 1	655	-	-	-	-	-
Stage 2	582	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	24.4	0	1.3
HCM LOS	С		

Minor Lane/Major Mvmt	NBT	NBRWBL	n1 SBL	SBT
Capacity (veh/h)	-	- 3	20 1052	-
HCM Lane V/C Ratio	-	- 0.4	28 0.061	-
HCM Control Delay (s)	-	- 24	1.4 8.6	-
HCM Lane LOS	-	-	C A	-
HCM 95th %tile Q(veh)	-	- 2	2.1 0.2	-

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	٦	1		ŧ	1	1
Traffic Vol, veh/h	133	90	90	182	132	204
Future Vol, veh/h	133	90	90	182	132	204
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	133	90	90	182	132	204
Number of Lanes	1	1	0	1	1	1
Approach	EB		NB		SB	
Opposing Approach			SB		NB	
Opposing Lanes	0		2		1	
Conflicting Approach Left	SB		EB			
Conflicting Lanes Left	2		2		0	
Conflicting Approach Right	NB				EB	
Conflicting Lanes Right	1		0		2	
HCM Control Delay	10.3		12.2		9.4	
HCM LOS	В		В		А	

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	33%	100%	0%	0%	0%
Vol Thru, %	67%	0%	0%	100%	0%
Vol Right, %	0%	0%	100%	0%	100%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	272	133	90	132	204
LT Vol	90	133	0	0	0
Through Vol	182	0	0	132	0
RT Vol	0	0	90	0	204
Lane Flow Rate	272	133	90	132	204
Geometry Grp	4	7	7	7	7
Degree of Util (X)	0.408	0.239	0.131	0.2	0.269
Departure Headway (Hd)	5.398	6.459	5.247	5.462	4.755
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Сар	661	551	675	652	749
Service Time	3.475	4.256	3.043	3.238	2.531
HCM Lane V/C Ratio	0.411	0.241	0.133	0.202	0.272
HCM Control Delay	12.2	11.3	8.8	9.6	9.3
HCM Lane LOS	В	В	А	А	А
HCM 95th-tile Q	2	0.9	0.4	0.7	1.1

18.3 C

Intersection

Intersection Delay, s/veh Intersection LOS

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations					£		7	† †			^	
Traffic Vol, veh/h	0	0	0	170	7	0	290	371	0	0	833	0
Future Vol, veh/h	0	0	0	170	7	0	290	371	0	0	833	0
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	0	0	170	7	0	290	371	0	0	833	0
Number of Lanes	0	0	0	0	1	0	1	2	0	0	2	0
Approach				WB			NB				SB	
Opposing Approach							SB				NB	
Opposing Lanes				0			2				3	
Conflicting Approach Left				NB							WB	
Conflicting Lanes Left				3			0				1	
Conflicting Approach Right				SB			WB					
Conflicting Lanes Right				2			1				0	
HCM Control Delay				16.2			13.8				22.4	
HCM LOS				С			В				С	

Lane	NBLn1	NBLn2	NBLn3	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	0%	96%	0%	0%
Vol Thru, %	0%	100%	100%	4%	100%	100%
Vol Right, %	0%	0%	0%	0%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	290	186	186	177	417	417
LT Vol	290	0	0	170	0	0
Through Vol	0	186	186	7	417	417
RT Vol	0	0	0	0	0	0
Lane Flow Rate	290	186	186	177	416	416
Geometry Grp	7	7	7	7	8	8
Degree of Util (X)	0.554	0.328	0.237	0.398	0.784	0.58
Departure Headway (Hd)	6.874	6.365	4.602	8.099	6.775	5.012
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Сар	522	562	772	442	533	712
Service Time	4.652	4.143	2.378	5.884	4.557	2.793
HCM Lane V/C Ratio	0.556	0.331	0.241	0.4	0.78	0.584
HCM Control Delay	17.9	12.3	8.8	16.2	30.1	14.6
HCM Lane LOS	С	В	А	С	D	В
HCM 95th-tile Q	3.3	1.4	0.9	1.9	7.2	3.8

Int Delay, s/veh	4.2					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	٦	1		**	†	
Traffic Vol, veh/h	87	283	0	565	480	0
Future Vol, veh/h	87	283	0	565	480	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	Yield	-	Free	-	Free
Storage Length	0	0	-	-	-	-
Veh in Median Storage	e, # 0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	87	283	0	565	480	0

Major/Minor	Minor2	Ν	1ajor1	Ma	jor2	
Conflicting Flow All	763	480	-	0	-	0
Stage 1	480	-	-	-	-	-
Stage 2	283	-	-	-	-	-
Critical Hdwy	6.63	6.23	-	-	-	-
Critical Hdwy Stg 1	5.43	-	-	-	-	-
Critical Hdwy Stg 2	5.83	-	-	-	-	-
Follow-up Hdwy	3.519	3.319	-	-	-	-
Pot Cap-1 Maneuver	356	585	0	-	-	0
Stage 1	621	-	0	-	-	0
Stage 2	741	-	0	-	-	0
Platoon blocked, %				-	-	
Mov Cap-1 Maneuver	356	585	-	-	-	-
Mov Cap-2 Maneuver	468	-	-	-	-	-
Stage 1	621	-	-	-	-	-
Stage 2	741	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	16.2	0	0
HCM LOS	С		

Minor Lane/Major Mvmt	NBT EBLn1 EBLn2	SBT
Capacity (veh/h)	- 468 585	-
HCM Lane V/C Ratio	- 0.186 0.484	-
HCM Control Delay (s)	- 14.4 16.8	-
HCM Lane LOS	- B C	-
HCM 95th %tile Q(veh)	- 0.7 2.6	-

Int Delay, s/veh	1.8						
Movement	EBL	EBR	NBL	NBT	SBT	SBR	
Lane Configurations	7	1	٦	†	1	1	1
Traffic Vol, veh/h	110	15	15	636	596	149	1
Future Vol, veh/h	110	15	15	636	596	149	1
Conflicting Peds, #/hr	0	0	0	0	0	0	J
Sign Control	Stop	Stop	Free	Free	Free	Free	;
RT Channelized	-	None	-	None	-	None	ļ
Storage Length	0	25	0	-	-	200	1
Veh in Median Storage	,# 0	-	-	0	0	-	
Grade, %	0	-	-	0	0	-	
Peak Hour Factor	100	100	100	100	100	100	1
Heavy Vehicles, %	2	2	2	2	2	2	
Mvmt Flow	110	15	15	636	596	149	ł

Major/Minor	Minor2		Major1	Maj	or2	
Conflicting Flow All	1262	596	745	0	-	0
Stage 1	596	-	-	-	-	-
Stage 2	666	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	188	504	863	-	-	-
Stage 1	550	-	-	-	-	-
Stage 2	511	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	185	504	863	-	-	-
Mov Cap-2 Maneuver	324	-	-	-	-	-
Stage 1	541	-	-	-	-	-
Stage 2	511	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	20.6	0.2	0
HCM LOS	С		

Minor Lane/Major Mvmt	NBL	NBT E	BLn1 E	BLn2	SBT	SBR
Capacity (veh/h)	863	-	324	504	-	-
HCM Lane V/C Ratio	0.017	-	0.34	0.03	-	-
HCM Control Delay (s)	9.2	-	21.7	12.4	-	-
HCM Lane LOS	А	-	С	В	-	-
HCM 95th %tile Q(veh)	0.1	-	1.5	0.1	-	-

Int Delay, s/veh	2.6					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	٦	1	٦	†	1	1
Traffic Vol, veh/h	133	35	33	533	515	83
Future Vol, veh/h	133	35	33	533	515	83
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	150	-	-	0
Veh in Median Storage	,# 0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	133	35	33	533	515	83

Major/Minor	Minor2	1	Major1	Maj	or2	
Conflicting Flow All	1114	515	598	0	-	0
Stage 1	515	-	-	-	-	-
Stage 2	599	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	230	560	979	-	-	-
Stage 1	600	-	-	-	-	-
Stage 2	549	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	222	560	979	-	-	-
Mov Cap-2 Maneuver	359	-	-	-	-	-
Stage 1	580	-	-	-	-	-
Stage 2	549	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	18.9	0.5	0
HCM LOS	С		

Minor Lane/Major Mvmt	NBL	NBT E	BLn1	EBLn2	SBT	SBR
Capacity (veh/h)	979	-	359	560	-	-
HCM Lane V/C Ratio	0.034	-	0.37	0.063	-	-
HCM Control Delay (s)	8.8	-	20.8	11.9	-	-
HCM Lane LOS	А	-	С	В	-	-
HCM 95th %tile Q(veh)	0.1	-	1.7	0.2	-	-

3.8

Intersection

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		ŧ	1		\$		٦	f,			र्भ	1
Traffic Vol, veh/h	140	1	11	1	0	2	5	370	1	1	402	102
Future Vol, veh/h	140	1	11	1	0	2	5	370	1	1	402	102
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None									
Storage Length	-	-	25	-	-	-	100	-	-	-	-	100
Veh in Median Storage,	# -	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	100	100	100	100	100	100	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	140	1	11	1	0	2	5	370	1	1	402	102

Major/Minor	Minor2			Minor1			Major1			Major	2		
Conflicting Flow All	786	785	402	842	887	371	504	0	(37	0	0	
Stage 1	404	404	-	381	381	-	-	-		•		-	
Stage 2	382	381	-	461	506	-	-	-		•		-	
Critical Hdwy	7.12	6.52	6.22	7.12	6.52	6.22	4.12	-		· 4.12	2 -	-	
Critical Hdwy Stg 1	6.12	5.52	-	6.12	5.52	-	-	-				-	
Critical Hdwy Stg 2	6.12	5.52	-	6.12	5.52	-	-	-				-	
Follow-up Hdwy	3.518	4.018	3.318	3.518	4.018	3.318	2.218	-		2.218	3 -	-	
Pot Cap-1 Maneuver	310	325	648	284	283	675	1061	-		1188	3 -	-	
Stage 1	623	599	-	641	613	-	-	-				-	
Stage 2	640	613	-	581	540	-	-	-				-	
Platoon blocked, %								-			-	-	
Mov Cap-1 Maneuver	308	323	648	277	281	675	1061	-		1188	3 -	-	
Mov Cap-2 Maneuver	308	323	-	277	281	-	-	-				-	
Stage 1	620	598	-	638	610	-	-	-				-	
Stage 2	635	610	-	570	539	-	-	-				-	
-													

Approach	EB	WB	NB	SB	
HCM Control Delay, s	25.1	12.9	0.1	0	
HCM LOS	D	В			

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	EBLn2V	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1061	-	-	308	648	456	1188	-	-
HCM Lane V/C Ratio	0.005	-	-	0.458	0.017	0.007	0.001	-	-
HCM Control Delay (s)	8.4	-	-	26.2	10.7	12.9	8	0	-
HCM Lane LOS	А	-	-	D	В	В	А	А	-
HCM 95th %tile Q(veh)	0	-	-	2.3	0.1	0	0	-	-

Int Delay, s/veh	7.4					
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations	Y		t,		٦	1
Traffic Vol, veh/h	173	84	281	144	59	347
Future Vol, veh/h	173	84	281	144	59	347
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	100	-
Veh in Median Storage	e, # 0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	100	100	100	100	100	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	173	84	281	144	59	347

Major/Minor	Minor1	Ν	1ajor1	Ν	/lajor2	
Conflicting Flow All	818	353	0	0	425	0
Stage 1	353	-	-	-	-	-
Stage 2	465	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	346	691	-	-	1134	-
Stage 1	711	-	-	-	-	-
Stage 2	632	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	328	691	-	-	1134	-
Mov Cap-2 Maneuver	328	-	-	-	-	-
Stage 1	711	-	-	-	-	-
Stage 2	599	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	29.4	0	1.2
HCM LOS	D		

Minor Lane/Major Mvmt	NBT	NBRWBLr	1 SBL	SBT
Capacity (veh/h)	-	- 39	6 1134	-
HCM Lane V/C Ratio	-	- 0.64	9 0.052	-
HCM Control Delay (s)	-	- 29	4 8.3	-
HCM Lane LOS	-	-	D A	-
HCM 95th %tile Q(veh)	-	- 4	4 0.2	-

ntersection	
ntersection Delay, s/veh	10.2
ntersection LOS	В

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations	۲	1		र्स	1	1
Traffic Vol, veh/h	205	28	25	64	106	269
Future Vol, veh/h	205	28	25	64	106	269
Peak Hour Factor	1.00	1.00	1.00	1.00	1.00	1.00
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	205	28	25	64	106	269
Number of Lanes	1	1	0	1	1	1
Approach	EB		NB		SB	
Opposing Approach			SB		NB	
Opposing Lanes	0		2		1	
Conflicting Approach Left	SB		EB			
Conflicting Lanes Left	2		2		0	
Conflicting Approach Right	NB				EB	
Conflicting Lanes Right	1		0		2	
HCM Control Delay	11.6		9.4		9.6	
HCM LOS	В		А		А	

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	28%	100%	0%	0%	0%
Vol Thru, %	72%	0%	0%	100%	0%
Vol Right, %	0%	0%	100%	0%	100%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	89	205	28	106	269
LT Vol	25	205	0	0	0
Through Vol	64	0	0	106	0
RT Vol	0	0	28	0	269
Lane Flow Rate	89	205	28	106	269
Geometry Grp	4	7	7	7	7
Degree of Util (X)	0.136	0.347	0.038	0.157	0.346
Departure Headway (Hd)	5.503	6.093	4.885	5.336	4.631
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Сар	648	586	726	671	775
Service Time	3.57	3.869	2.661	3.082	2.377
HCM Lane V/C Ratio	0.137	0.35	0.039	0.158	0.347
HCM Control Delay	9.4	12.1	7.9	9.1	9.8
HCM Lane LOS	А	В	А	А	А
HCM 95th-tile Q	0.5	1.5	0.1	0.6	1.5