APPENDIX D- Traffic Assessment for the INITIAL STUDY with PROPOSED MITIGATED NEGATIVE DECLARATION 1675 MONTEREY ROAD, SAN JOSE, CALIFORNIA

CP21-018

November 2021



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LIST OF APPENDICES

Appendix A: Air Quality, GHG Analysis, and Health Risk Assessment Appendix B: Biological Resources Study and Arborist Report Appendix C: Noise Analysis Appendix D: Traffic Assessment Appendix E: Hazardous Materials Memorandum

LIST OF ACRONYMS

| ° F μg/m ³ AB ADA AEP APN AQMP AST AVL BMP CAAQS CaIGEM CARB CBC CDFW CEQA CERS CFR CGS CH4 CHRIS City CMP CMU CNEL CO CO ₂ CO ₂ e CPUC CUPA CWA | degrees Fahrenheit micrograms per cubic meter Assembly Bill Americans with Disabilities Act Association of Environmental Professionals Assessor's Parcel Number Air Quality Management Plan aboveground storage tank Automatic Vehicle Location Best Management Practice California Ambient Air Quality Standards California Geologic Energy Management Division California Building Code California Department of Fish and Wildlife California Department of Fish and Wildlife California Environmental Quality Act California Environmental Reporting System Code of Federal Regulations California Geological Survey methane California Historical Resources Information System City of San Jose Congestion Management Program concrete masonry units Community Noise Equivalent Level carbon monoxide carbon dioxide carbon dioxide carbon dioxide equivalent California Public Utilities Commission Certified Unified Program Agency Clean Water Act |
|---|--|
| CUPA CWA DOSD | Clean Water Act California Division of Safety of Dams |
| | |

| DOT | Department of Transportation |
|-------------------|---|
| DPM | diesel particulate matter |
| DTSC | Department of Toxic Substances Control |
| FHSZ | Fire Hazard Severity Zone |
| FHWA | Federal Highway Administration |
| ft | feet or foot |
| GHG | |
| | greenhouse gas |
| H ₂ S | hydrogen sulfide |
| HCM | Highway Capacity Manual |
| HCP | Habitat Conservation Plan |
| HI | Hazard Index |
| HMBP | Hazardous Materials Business Plan |
| hr | hour |
| HRA | Health Risk Assessment |
| Hz | Hertz |
| IGP | Industrial General Permit |
| In/sec | inches per second |
| IS | Initial Study |
| kWh | kilowatt-hours |
| lbs or lb | pounds |
| LID | Low Impact Development |
| LOS | Level of Service |
| LSTs | Localized Significance Thresholds |
| MEIR | Maximum Exposed Individual Resident |
| MEIW | Maximum Exposed Individual Worker |
| MIP | Monitoring Implementation Program |
| mmBtu | million British thermal units |
| MRZ | mineral resource zone |
| MT/yr | metric tonnes per year |
| N ₂ O | nitrous oxide |
| NAAQS | National Ambient Air Quality Standards |
| NEC | No Exposure Certification |
| NO ₂ | nitrogen dioxide |
| | Notice of Intent |
| NOI | |
| NONA | Notice of Non-Applicability |
| NOx | oxides of nitrogen |
| NPDES | National Pollutant Discharge Elimination System |
| | particulate matter with aerodynamic diameter of 10 microns or less |
| PM _{2.5} | particulate matter with aerodynamic diameter of 2.5 microns or less |
| POL | petroleum, oil, and lubricant |
| PPD | Precise Plan of Design |
| ppm | parts per million |
| PPV | peak particle velocity |
| PTC | Permit to Construct |
| PTO | Permit to Operate |
| QISP | Qualified Industrial Stormwater Practitioner |
| RCNM | Roadway Construction Noise Model |
| SJFD | San Jose Fire Department |
| | |

| RMS SFBAAB SJMWS SJPD SCAQMD SCE SIC SMARA SMARTS SO ₂ | root mean square San Francisco Bay Area Air Basin San Jose Municipal Water System San Jose Police Department South Coast Air Quality Management District Southern California Edison Standard Industrial Classification Surface Mining and Reclamation Act of 1975 Stormwater Multiple Application and Report Tracking System sulfur dioxide |
|--|--|
| SOx | oxides of sulfur |
| SPCC | Spill Prevention, Control, and Countermeasure |
| SSC | species of special concern Storm Water Pollution Prevention Plan |
| SWPPP | |
| SWRCB | State Water Resources Control Board |
| TACs | Toxic Air Contaminants |
| TIA | Traffic Impact Analysis |
| TMDL | Total Maximum Daily Load |
| tpd | tons per day |
| tpy | tons per year |
| UMWP | Urban Water Management Plan |
| US | United States |
| USEPA | United States Environmental Protection Agency |
| USFWS | United States Fish and Wildlife Service |
| USGS | United States Geological Survey |
| VMT | vehicle miles traveled |
| VOC | volatile organic compound |
| WQMP | Water Quality Management Plan |
| | |

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Appendix D Traffic Assessment



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MEMORANDUM

| То: | Renzel Balance, Development Services Division, City of San Jose (<u>Renzel.Balance@sanjoseca.gov</u>) Christy Cheung, Development Services Division, City of San Jose (<u>Christy.Cheung@sanjoseca.gov</u>) |
|-------|--|
| From: | Courtney Armusewicz (Courtney.Armusewicz@NV5.com) |
| cc: | John Karnowski, PE, PTOE, AICP (<u>John.Karnowski@NV5.com</u>) Manjit Banwait, City of San Jose (<u>Manjit.Banwait@sanjoseca.gov</u>) |
| Date: | November 1, 2021 |
| Re: | Local Transportation Analysis Offsite Surface Parking Lot 1675 Monterey Road San Jose, CA 95112 |

Project Description

The site proposes an offsite surface parking lot located at 1675 Monterey Road in San Jose, California. The facility will occupy 277,000 SF of an existing surface lot previously used by Pick-N-Pull Auto and Truck Dismantlers, an automobile parts sales facility. The proposed lot will primarily be used to store vans overnight to be loaded the following day at a nearby package sorting and loading facility. The site will provide 361 parking stalls consisting of 64 personal vehicle stalls, 297 van storage stalls and 34 long term bike lockers. Site access will be provided via three (3) existing driveways along two (2) roads, Monterey Road and Pomona Avenue. The proposed parking lot site plan is provided in Attachment A.

The surrounding land uses within a half mile of the site are primarily heavy industrial, commercial, and residential. The project qualifies as an industrial land use as it is supportive of a nearby warehouse. The Envision San José 2040 General Plan defines the project area as part of the Monterey Business Corridor, identifying the parcel as part of the Non-Urban Village Growth Area. The proposed parking lot is consistent with the current General Plan land use.

California Environmental Quality Act (CEQA) Transportation Analysis

The City of San Jose's Transportation Analysis Policy, Council Policy 5-1, establishes the threshold for transportation impacts under CEQA based on Vehicle Miles Traveled (VMT) in accordance with California Senate Bill 743 (SB 743). CEQA VMT Analysis Screening Criteria for Development Projects are outlined in Table 1 of the Transportation Analysis Handbook (2018). Based on the screening criteria, the project would be exempt if the project was less than 30,000 square feet of Industrial Use. The project is more than 30,000 square feet of Industrial Use, therefore, based on Table 1 of the Transportation Analysis Handbook, the project was not screened out.

The City has developed the San José VMT Evaluation Tool to assess a project's potential VMT based on the project's description, location, and attributes. For industrial projects, the sketch tool is the approved method to calculate Project VMT. Analysis of project vehicle miles traveled (VMT) was completed utilizing the City of San Jose Vehicle Miles Traveled Evaluation Tool, more specifically VMT per Employee. The analysis results indicate the Area VMT is 11.32 and the Project VMT is 11.31. Compared to the regional VMT threshold of 14.37, both the Area VMT in which the project is located and the Project VMT are less than the regional average.

Based on the VMT screening map for Industrial Use the project is located in a low-VMT generating area and the project VMT per employee does not exceed the existing regional average 14.37 VMT per employee therefore it is determined the project will not have significant impacts to VMT and is supportive in vehicle miles traveled and greenhouse gas reduction. The results of the analysis are included in Attachment B.

Project Trip Generation and Distribution

The delivery station is planned to occupy 277,000 SF of an existing surface lot previously used by Pick-N-Pull Auto and Truck Dismantlers, an automobile parts sales facility. The parking area will support delivery station operations located at 1710 Little Orchard Street. The trips generated by the project site are based on peak hour traffic counts obtained for the surface parking lot.

The proposed parking lot is expected to generate a total of 604 trips per day. Attachment C provides the proposed traffic schedule for the site. The proposed traffic schedule does not have peak hour traffic volumes for standard adjacent street peak hour timeframes. The project site supports the delivery station on Little Orchard Street which has similar operations to the delivery station located on McLaughlin Avenue. Therefore, to be conservative, peak hour trips generated by the project site were estimated based on traffic counts provided by the City from the 970 McLaughlin Avenue delivery station. These counts are also provided in Attachment C.

Table 1 shows the trip generation expected by the project during standard peak hours for adjacent street traffic. Trips generated by the project site are based on standard peak hour traffic counts collected at the 970 McLaughlin Avenue delivery station on March 30, 2021 and April 1, 2021.

| Land Line | Sauraa | | AM Peak (2) | | PM Peak ⁽²⁾ | |
|----------------------------------|-----------------------------|-----|-------------|-----|------------------------|-----|
| Land Use | Source Daily ⁽¹⁾ | | IN | OUT | IN | OUT |
| Delivery Station Offsite Parking | User Data1 | 604 | 13 | 9 | 7 | 11 |

Table 1: Proposed Trip Generation (Standard Peak)

¹Offsite Parking – Existing Traffic Schedule, see Attachment C

²Peak hours are based on the standard AM/PM hours of 7 – 9:00 AM and 4-6:00 PM. Data is based on Peak Hour driveway counts provided by the City. The highest peak hour for both approaches was used.

The site's peak hour period operates from 9-11:00 AM and 6-8:00 PM. The site operates with the most traffic occurring outside of standard peak hours.

Table 2 shows the trip generation expected by the project during project peak hours for the site. Trips generated by the project site are based on project peak hour traffic counts collected at the 970 McLaughlin Avenue delivery station on April 14, 2021 and April 15, 2021. These trips are not anticipated to occur during typical AM and PM peak hours and is for information purposes only.

| Land Use | Source | Doily (1) | AM Peak (2) | | PM Peak ⁽²⁾ | |
|----------------------------------|------------|-----------|-------------|-----|------------------------|-----|
| Land Use | Source | Daily (1) | IN | OUT | IN | OUT |
| Delivery Station Offsite Parking | User Data1 | 604 | 14 | 83 | 42 | 27 |

Table 2: Proposed Trip Generation (Project Peak)

¹Offsite Parking – Existing Traffic Schedule, see Attachment C

²Peak hours are based on the site's AM/PM hours of 9 - 11AM and 6 - 8 PM. Data is based on driveway counts provided by the City. The highest peak hour for both approaches was used.

Figure 1 shows the trip distribution for these generated trips, identified by NV5 and approved by City of San Jose staff on June 28, 2021, are shown below in. Figure 2 shows the trips assigned to this distribution pattern for standard peak hour traffic. Figure 3 shows the trips assigned to this distribution pattern for project peak hour traffic.

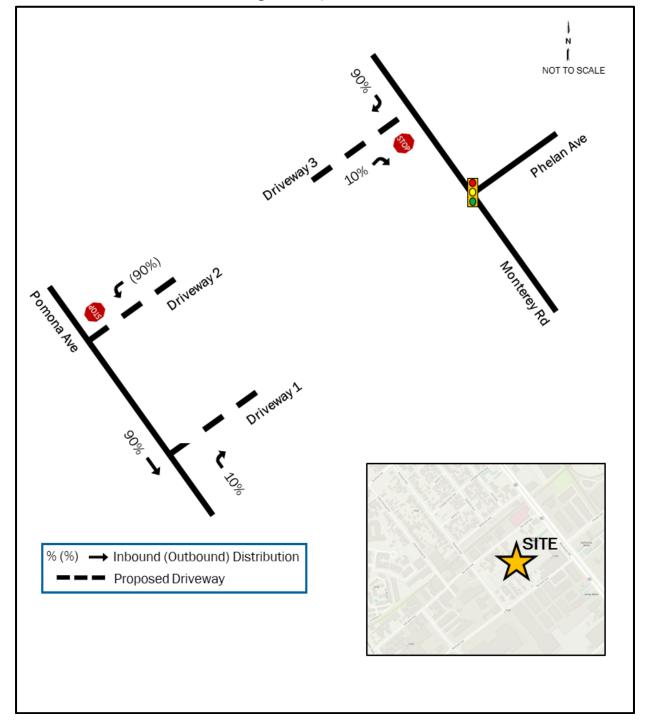


Figure 1: Trip Distribution

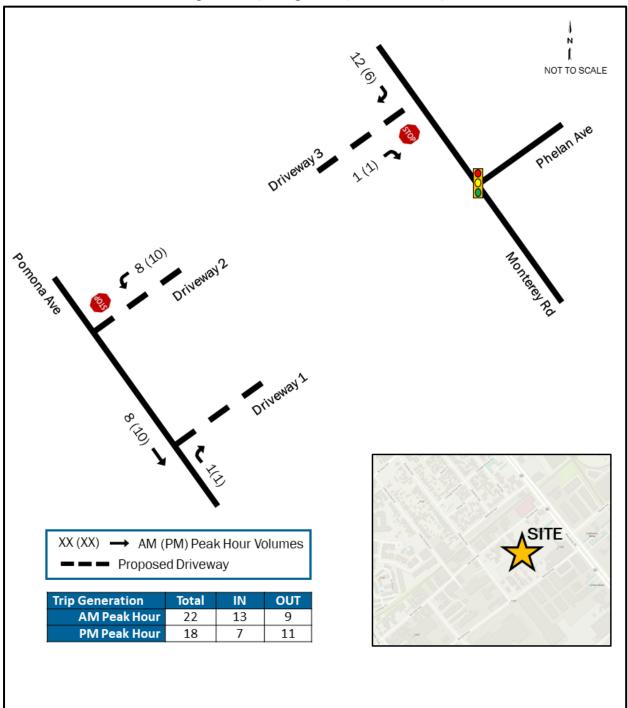


Figure 2: Trip Assignment (Standard Peak)

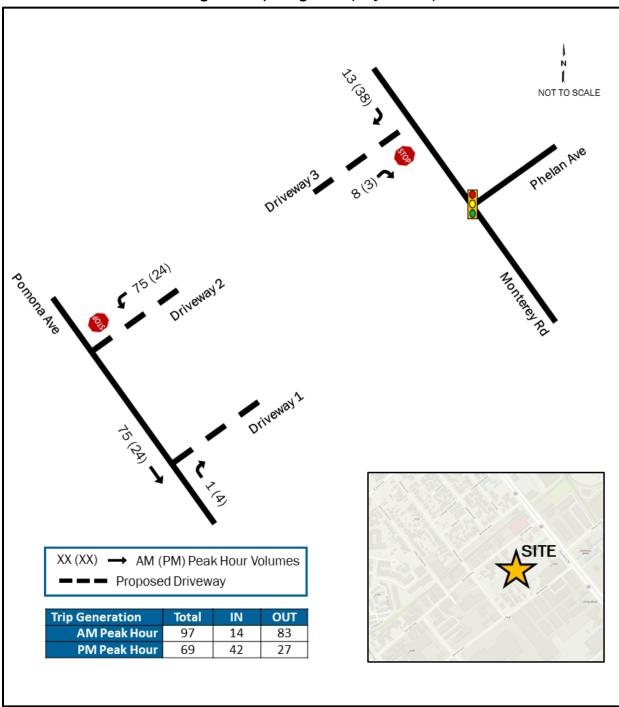


Figure 3: Trip Assignment (Project Peak)

Project Study Scenarios

Existing roadway networks along Monterey Road and Pomona Avenue were evaluated to identify any adverse effects from the project's standard peak hours.

The following traffic scenarios were evaluated for the 1675 Monterey Road site in San Jose, California:

- Existing Scenario (Existing Intersection Operations)
- Background Scenario (Existing + Approved Projects)
- Project Scenario (Existing + Approved Projects + Project)

Under these conditions, the following parameters were evaluated and reported on:

- Existing roadway capacity
- Median island movement restrictions
- Analyses of pedestrian, bicycle, and transit facilities
- Project trip generation, distribution, and assignment
- Proposed site access, circulation, and parking
- Driveway operations
- Proposed roadway capacity
- Intersection operation analysis
- Queuing and Storage length observations

Existing traffic count data included in Attachment D was obtained on July 8th, 2021, for the Monterey Road at Phelan Avenue intersection. Traffix count data for cumulative projects were provided by the City for this intersection and daily traffic volume data collected on Pomona Avenue is also included in Attachment D. The cumulative projects are currently in operation and are assumed to be included in the existing traffic volumes collected for the Monterey Road at Phelan Avenue intersection. A compound growth factor of 1% was applied to the new counts collected.

Intersection Operation Analysis

Scenarios for the study were analyzed using Synchro® 11 and time of day signal timing plans provided by the City. Average vehicular delays were calculated and reported as Levels of Service (LOS), as defined by the Highway Capacity Manual, 6th Edition (HCM 6). The queue lengths reported are 95th percentile queues. Synchro® output reports and time of day signal timing plans are included in Attachment E.

Existing Condition capacity analysis results are shown in Table 3. The Existing Condition capacity analysis reflects the existing traffic count data provided by the City. Existing queue lengths observed at the existing study intersection are shown in Table 4.

| ID | Interpotion | Control | Movement | AM Pe | | PM I | Peak |
|-----|-------------------------------|---------|----------|-------|-------|------|-------|
| U | Intersection | Control | wovement | LOS | Delay | LOS | Delay |
| | 1 Monterey Rd & Phelan Ave | Sionai | Overall | В | 18.1 | В | 15.9 |
| 1 | | | WB | E | 60.2 | D | 38.3 |
| L _ | | | NB | А | 7.9 | В | 13.7 |
| | | | SB | В | 16.3 | В | 10.3 |

 Table 3: Existing Condition Capacity Analysis

As shown in Table 3, the overall traffic operations at the study intersections operate at acceptable Levels of Service (LOS) B.

| | 5 t 5 , | | | | | | | | |
|----|-------------------------------|---------|----------|---------|-------------------|---------|--|--|--|
| ID | | Control | Movement | Storage | Queue Length (ft) | | | | |
| U | Intersection | Control | | Length | AM Peak | PM Peak | | | |
| | 1 Monterey Rd & Phelan Ave | | WBL | 175 | 111 | 124 | | | |
| | | | NBU | 275 | 62 | 32 | | | |
| 1 | | | NBT | - | 147 | 175 | | | |
| | | | SBL | 175 | 152 | 165 | | | |
| | | | SBT | - | 50 | 166 | | | |

Table 4: Existing Condition Queueing Analysis

As shown in Table 4, the existing queues do not exceed the storage capacity for the turn lanes.

Background Condition capacity analysis results are shown in Table 5, which include analysis of background growth traffic volumes. Background queue lengths observed at the existing study intersection are shown in Table 6.

| ID | Intersection | Control | Movement | AM I | Peak | PM I | Peak |
|-----|-------------------------------|---------|-----------|------|-------|------|-------|
| U | Intersection | Control | wovernent | LOS | Delay | LOS | Delay |
| | 1 Monterey Rd & Phelan Ave | Signal | Overall | В | 18.2 | В | 16.1 |
| 1 | | | WB | E | 60.2 | D | 38.3 |
| L _ | | | NB | А | 8.1 | В | 14.1 |
| | | | SB | В | 16.4 | В | 10.4 |

Table 5: Background Condition Capacity Analysis

As shown in Table 5, traffic operations at the study intersections remain the same from Existing conditions, and the Levels of Service and delay are minimally affected by the increase in traffic from background growth.

| ID | Intersection | Control | Movement | Storage | Queue Length (ft) | | |
|----|-----------------------------|---------|-----------|---------|-------------------|---------|--|
| | Intersection | Control | wovernent | Length | AM Peak | PM Peak | |
| | | Signal | WBL | 175 | 115 | 127 | |
| | | | NBU | 275 | 63 | 33 | |
| 1 | Monterey Rd & Phelan Ave | | NBT | - | 153 | 182 | |
| | Fliciali Ave | | SBL | 175 | 155 | 168 | |
| | | | SBT | - | 52 | 172 | |

Table 6: Background Condition Queueing Analysis

As shown in Table 6, background queues do not exceed the existing storage capacity for the intersection turn lanes.

Project Condition capacity analysis results are shown in Table 7, which include analysis of background traffic volumes with the addition of standard and project peak hour traffic volumes shown in Figure 2 and Figure 3, respectfully. Project queue lengths observed at the study intersections are shown in Table 8.

Table 7: Project Condition Capacity Analysis

| ID Intersection | | Control | Movement | AM F | Peak | PM Peak | |
|-----------------|----------------------------|---------|----------|----------|-------|----------|-------|
| | | | | Standard | | Standard | |
| | | | | LOS | Delay | LOS | Delay |
| | 1 Monterey Rd & Phelan Ave | Signal | Overall | В | 18.2 | В | 16.1 |
| 1 | | | WB | E | 60.2 | D | 38.3 |
| 1 - | | | NB | А | 8.1 | В | 14.1 |
| | | SB | В | 16.4 | В | 10.4 | |

As shown in Table 7, the addition of project traffic to the study intersections causes minimal increase in delay at the site driveway intersections when compared to Background Conditions, for both the standard and project peak hour conditions. The addition of the project driveways on Pomona Avenue and Monterey Road do not affect the functionality of traffic operations around the study area.

Table 8: Project Condition Queueing Analysis

| | | | | | Queue Length (ft) | |
|----|--------------------------|---------|----------|-------------------|-------------------|----------|
| ID | Intersection | Control | Movement | Storage Length | AM Peak | PM Peak |
| | | | | Lengui | Standard | Standard |
| | | | WBL | 175 | 115 | 127 |
| | | | NBU | 275 | 63 | 33 |
| 1 | Monterey Rd & Phelan Ave | Signal | NBT | - | 153 | 182 |
| | | | SBL | 175 | 155 | 168 |
| | | | SBT | - | 52 | 172 |

As shown in Table 8, the project queues do not exceed the existing storage capacity for the intersection turn lanes. There is no difference between observed queue lengths for standard and project peak hour volumes, as no site trips utilize the Monterey Road at Phelan Avenue intersection.

Adverse Intersection Operation Effects

Since the proposed land use is expected to generate no more than 13 trips in either the AM or PM peak hours, as shown in peak volumes from Table 1, the project will not add any significant trips to the surrounding roadway network during project peak hours.

Addressing Adverse Intersection Operation Effects

The City of San Jose considers an adverse effect to intersection operations when the analysis demonstrates that a project would cause the operations standard at a study intersection to fall below LOS D with the addition of project vehicle trips to baseline conditions. Based on the analysis, the project intersection will continue to operate at a LOS B with the added project traffic, therefore the site will not need to address adverse effects to existing intersection operations. In addition, queuing is not anticipated to be an issue for the project site or evaluated intersection due to unique project operations and scheduling.

Field Review

Site observations were conducted between San Jose Avenue and Bernard Avenue with access along Monterey Road and Pomona Avenue to evaluate the surrounding area within 0.5 miles from the project location. Field reviews conducted onsite include local transportation systems, which observe site parking and access, transit, biking, walking, and roadway operations during peak commute periods.

Sight Distance & Queuing

The project driveways have clear line of sight at the project driveway located on Monterey Road (Driveway 3). On Pomona Avenue, vegetation is planned to be removed and red curb will be implemented adjacent to Driveway 2 to restrict on-street parking for clear line of sight. Red curb will be implemented between Driveway 2 and Driveway 3 and north of Driveway 2 along the project frontage. Field photos are provided to demonstrate existing visibility. No queuing issues were observed.

Parking

Parking at the off-site location will be for overnight parking/storage of package delivery vans with parking available to delivery van drivers and some other employees. The off-site parking lot will support the operations of the nearby delivery station on Little Orchard Street. There are 361 proposed stalls, 64 will accommodate personal vans and 297 will provide for delivery van storage. Approximately 34 long term bike lockers will be available onsite for staff use.



Looking North at Driveway 3



Looking Northbound from Driveway 2

The parking supply is needed to accommodate employees and store delivery vans that complement the nearby delivery station and to ensure successful business operations and to avoid vehicles parking off-site.

Figure 4 shows the vicinity area and updated site plan for the proposed parking facility. Refer to Attachment A for additional parking lot site plan details.



Looking Southbound from Driveway 2

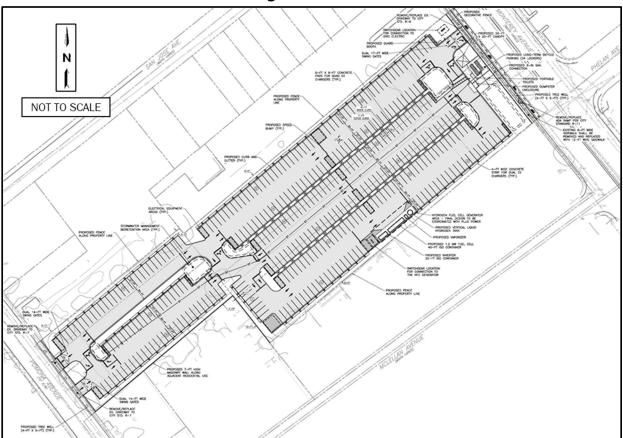
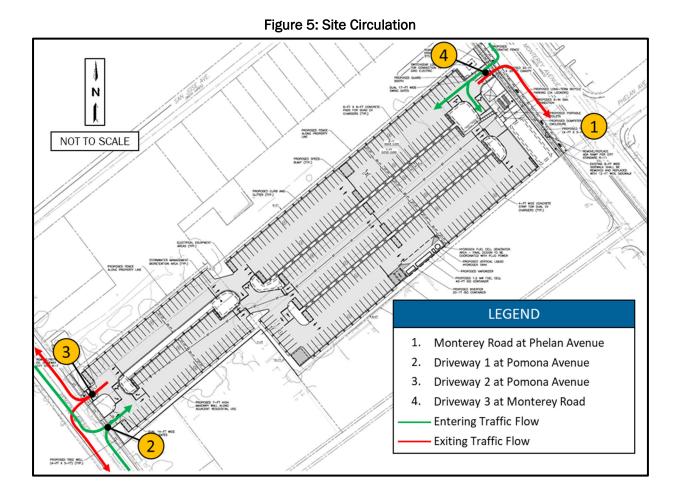


Figure 4: Site Plan

Site Circulation and Access Analysis

Three (3) existing driveways provide gated access to the off-site parking lot. Gates will remain open during the hours of operation. During open gate operations a security guard will be present. One driveway (D1) is proposed at Monterey Road which will consist of right-in/right-out only. An existing raised median separates traffic along the center of Monterey Road. Two one-way driveways (D2 & D3) are proposed along Pomona Avenue for delivery van access. Dual 17-foot swing gates will grant access to the site on Monterey Road and dual 14-foot swing gates will provide access along Pomona Avenue. Approximately 38 feet is provided between the face of curb and the gate at the Monterey Road driveway. Approximately 27 feet is provided between the face of curb and the gate at the Pomona Avenue ingress driveway. Approximately 24 feet is provided between the face of curb and the gate at the Pomona Avenue egress driveway. Approximately 3 AM and 2 PM inbound vehicles are anticipated to arrive in the same 5-minute window during the AM and PM peak period, according to the counts provided by the City. The gates will be operated by a security guard and will remain open during site operations. The gates are not anticipated to affect traffic operations or queuing in the public right-of-way. Delivery drivers will access the site to park their personal vehicle prior to their shift and return the van following their shift. The off-site parking lot will store package delivery vans overnight for drivers to pick up in the morning and travel to the nearby delivery station located 0.25 miles away from the site. Proposed circulation diagrams for the site are shown in Figure 5.

Trucks such as emergency or garbage vehicles will enter the site on Monterey Road and will exit using the same driveway. Garbage vehicles will access the dumpster enclosure located near the site entrance on Monterey Road. A hydrogen fuel truck will enter and exit the site using the driveways on Pomona Avenue. The hydrogen fuel truck is anticipated to access the site about once per week. The hydrogen fuel truck is unable to exit Monterey Road without conflicting with the curb and crossing into multiple lanes. The driveway widths on Pomona are 26-feet to ensure the hydrogen fuel truck will be able to enter and exit the site with minimal conflict with parked cars and oncoming traffic. The hydrogen fuel truck turning templates are provided in Figure 6. The site plan and turning templates are provided in Attachment A.



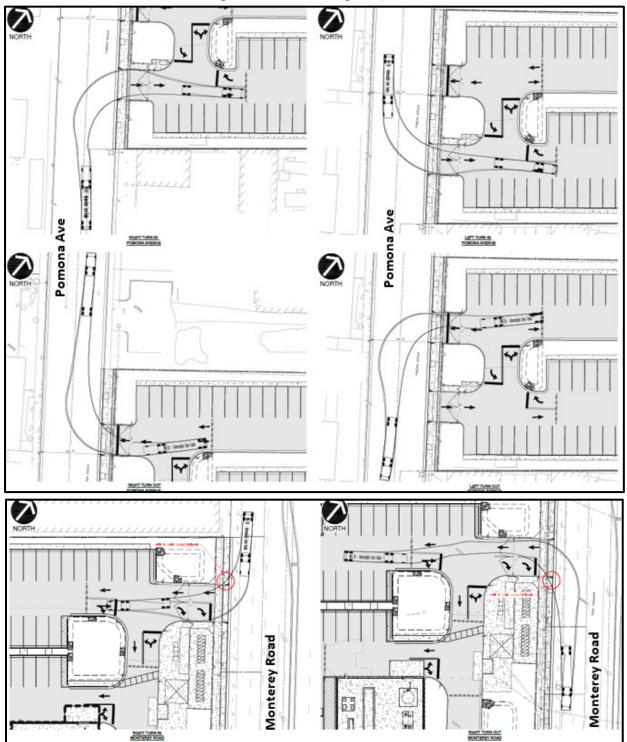


Figure 6: Truck Turning Templates

Neighborhood Interface

The project sphere is largely industrial, and no schools were found within a half mile of the site. The site is surrounded by small residential pockets to the northwest and southwest, adjacent to Bellevue Avenue and Barnard Avenue. Adjacent auto repair shops were observed to flow into the right of way along Pomona Avenue and Barnard Avenue.

Envision San Jose 2040 General Plan

Monterey Road, a major corridor that fronts the project, is designated as a Grand Boulevard per the Envision San Jose 2040 General Plan. Additionally, the City of San Jose recognizes Monterey Road as a major corridor that meets the Vision Zero Action Plan for increased pedestrian safety and fatality avoidance. In an effort to strengthen this initiative, the project will be closing multiple existing driveways along Monterey Road that will consolidate into one proposed driveway.

Bicycle and Pedestrian

No designated bike facilities are located along Pomona Avenue. Class II buffered bike lanes are located on either side of Monterey Road and Phelan Avenue. No bike lanes are present on Pomona Avenue. According to the San Jose Better Bike Plan 2025, protected Class IV bike lanes are planned along this roadway segment. Due to this, the project will provide an in-lieu contribution for the future Class IV protected bike lane on Monterey Road at a cost of \$121 per linear foot along the project frontage.

Pedestrian facilities are present within the immediate vicinity of the project. Continuous, uninterrupted sidewalk is present on both sides of Monterey Road and Pomona Avenue. The side streets of San Jose Avenue and Barnard Avenue lack adequate pedestrian facilities. Partial sidewalk is provided approximately 300 feet east of Pomona Avenue along Barnard Avenue. A 950-foot gap in sidewalk infrastructure occurs to the north and south of the project site along the side streets of San Jose Avenue and Barnard Avenue. Planned sidewalk improvements along these segments are not identified in the City's General Plan. Gaps in pedestrian crossings and sidewalk infrastructure are illustrated in Figure 7.



Looking Southbound Toward Monterey Road / Phelan Avenue Intersection



Monterey Road / Phelan Avenue Intersection Along Looking Eastbound



Class II Bike Lanes along Monterey Road

Transit

Transit stops are present and operable within a half mile of the project site and are operated by Valley Transit Authority (VTA). Bus routes 66 and 68 operate within the project study area with stop ID 63204 located at the signalized intersection of Monterey Road / Phelan Avenue. Bus headways are 15 minutes, with weekday service beginning at 5:15 AM and ending at 11:15 PM. Pedestrian access is provided at Monterey Road / Phelan Avenue with a crosswalk located on the north and east legs of the intersection. Continuous ADA compliant sidewalks are provided on both sides of Monterey Road. which provides two (2) ADA compliant pedestrian crossings. The site visit revealed the transit stop across from the site in use.



Northbound Transit Stop Across from Project Site on Monterey Road



Figure 7: Pedestrian Crossing/Sidewalk Gaps at Site

In addition to these preliminary site analyses, record of ADA compliant and non-ADA compliant curb ramps were taken up to a half mile radius distance from the site. Gaps in ADA compliant ramp infrastructure a half mile radius around the site is illustrated in Figure 8.

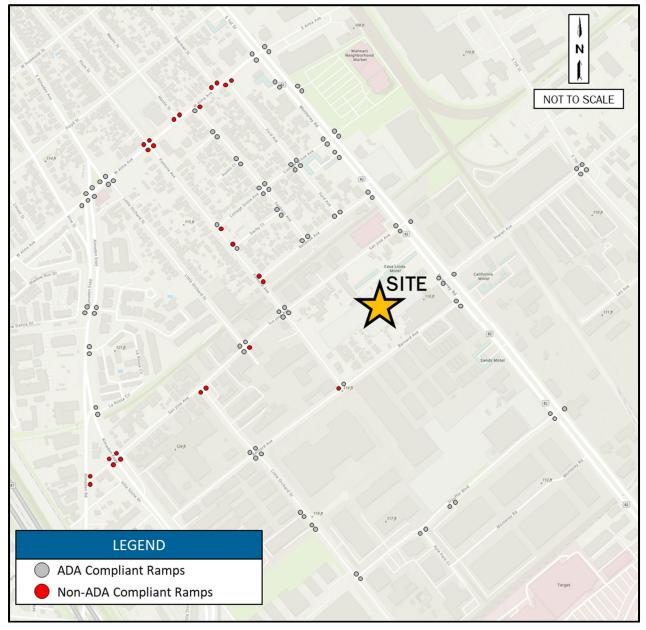


Figure 8: ADA Curb Ramp Gaps around Site

Project Improvements

Monterey Road

Three driveway curb cuts exist along Monterey Road. The project will provide one 32-foot driveway as the main entrance on Monterey Road. The two remaining driveways along Monterey Road will be closed and replaced with sidewalk. The project will construct a 12-foot-wide ADA-compliant sidewalk, curb, and gutter. The project will extend and repair the existing sidewalk, curb, and gutter along the project frontage. A gated pedestrian entrance will grant access to the bike storage area to access 34 long term bike lockers. An ornamental fence is proposed along the site perimeter.

Pomona Avenue

The project will utilize the two existing driveways located along Pomona Avenue by removing the existing driveways and replacing them to City Standard. The project is proposing the Pomona Avenue driveways as 26-feet wide, each as one-way operations (ingress-only/egress only). According to the applicant, the 26-foot driveway widths are necessary for a hydrogen fuel truck to enter and exit the site within the driveway extents. However, based on City guidelines, the 26-foot driveway widths are considered two-way access by the City for commercial driveways. Further, the City prefers the driveways on Pomona Avenue to be 16-feet wide and anticipates imposing that as a condition of approval. Each driveway will be equipped with dual 14-foot swing gates. An ornamental fence is proposed along the site perimeter. Sidewalk will be constructed to a width of 10-feet, and curb and gutter will be improved along the project frontage.

Mitigations and Improvements

Outside of the on-site improvements and improvements along the project frontage, no other mitigations or improvements are recommended. Per the City of San Jose, the project is required to provide an in-lieu contribution for the future Class IV protected bikeway along Monterey Road per the San Jose Better Bike Plan 2025, at a cost of \$121 per linear foot.

Construction Operations

No vehicle travel lane restrictions or closures are proposed during site construction. Existing bike lanes and sidewalk along Monterey Road will need to be closed for sidewalk, curb, and gutter construction along the site frontage. Appropriate bike lane and sidewalk closure and detour will be instituted as part of the work zone traffic control plans for construction.

ATTACHMENTS

Attachment A - Parking Lot Site Plan & Truck Turning Template

- Attachment B VMT Analysis
- Attachment C Site Specific Trip Generation Schedules

Attachment D - Traffic Count Data

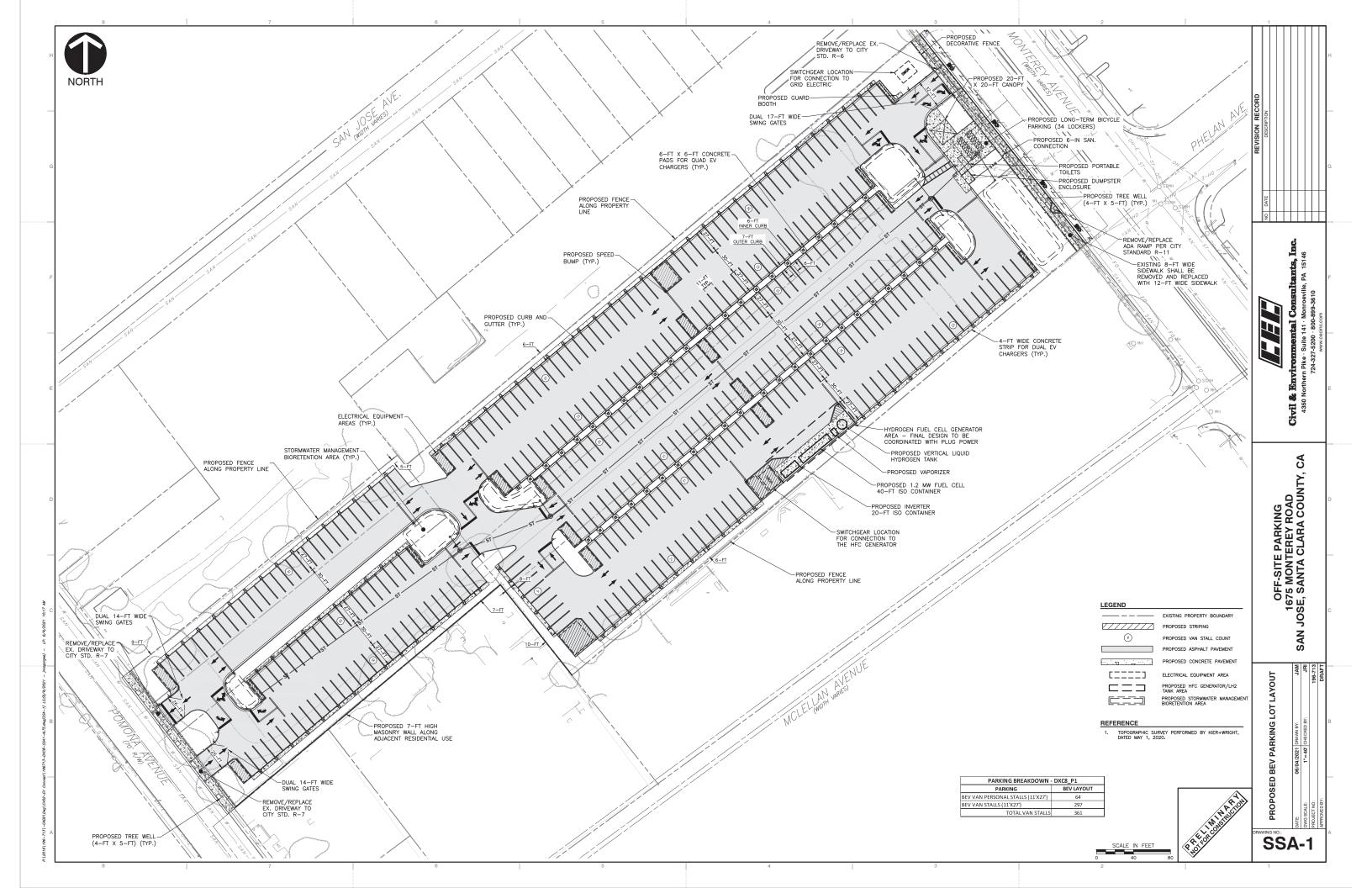
Attachment E - Synchro® Reports

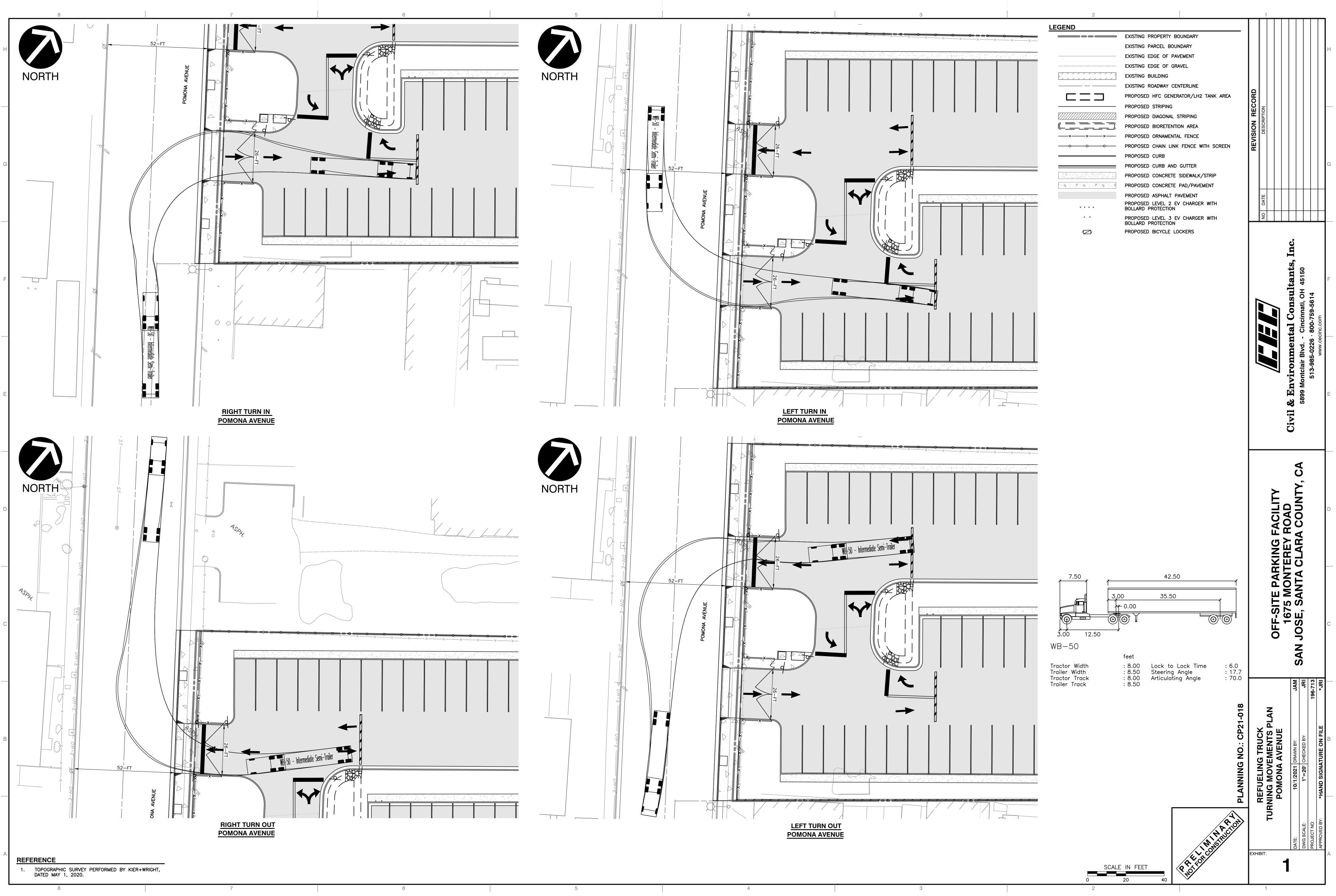
Attachment A

Parking Lot Site Plan

&

Hydrogen Fuel Truck Turning Template





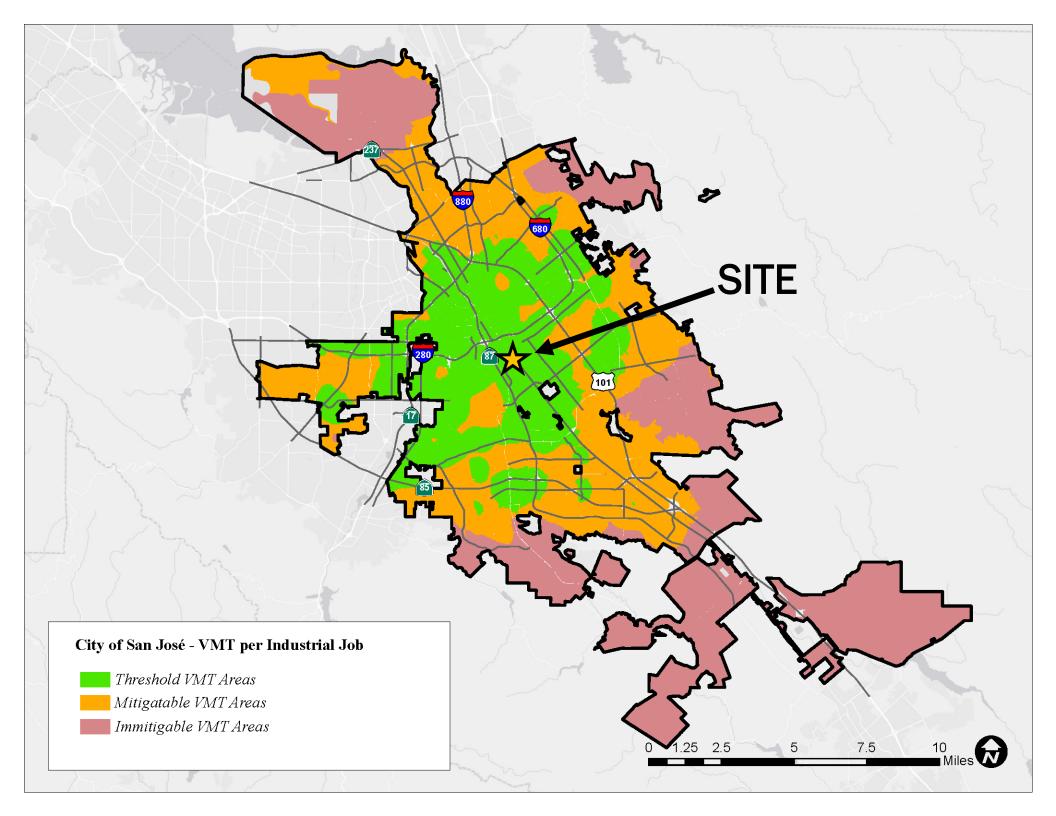
Attachment B

VMT Analysis

| Land Use ¹ | Source | Quantity | Unit | Daily Trips |
|---|--|----------|------|-------------|
| Delivery Station Offsite Parking | User Data 1 | | | 604 |
| Light Industrial (ITE Code 110) ² | ITE Trip Generation Manual v. 10 | 121,774 | SF | 604 |

Table 1: Trip Generation Equivalency Table

¹Offsite Parking – Existing Traffic Schedule, see Attachment B ²Daily trip rate for land use code 110 is 4.96.The formula for the equivalent industrial SF is: (604 trips) / (4.96 trips/1000 SF rate) = 121,774 SF.



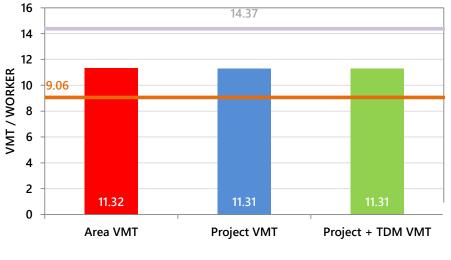
CITY OF SAN JOSE VEHICLE MILES TRAVELED EVALUATION TOOL SUMMARY REPORT

| PROJECT: | |
|--|------------------|
| Name:1675 Monterey Road Vehicle StorageTool Ve | |
| Location: 1675 Monterey Road Parcel: 45602025 Parcel Type: Suburb with Multifamily Housing | Date: 10/29/2021 |
| | |
| Proposed Parking Spaces Vehicles: 361 Bicycles: 34 | |
| LAND USE: | |
| Residential: Percent of All Residential Units | |
| Single Family 0 DU Extremely Low Income (< 30% MFI) | 0 % Affordable |
| Multi Family0 DUVery Low Income (> 30% MFI, $\leq 50\%$ MISubsets0 DUI and Income (> 50% MFL $\leq 80\%$ MFL | |
| Subtotal 0 DU Low Income (> 50% MFI, < 80% MFI) | 0 % Affordable |
| Office: 0 KSF | |
| Retail: 0 KSF | |
| Industrial: 121.8 KSF | |
| VMT REDUCTION STRATEGIES | |
| Tier 1 - Project Characteristics | |
| Increase Residential Density | |
| Existing Density (DU/Residential Acres in half-mile buffer) | |
| With Project Density (DU/Residential Acres in half-mile buffer) | |
| Increase Development Diversity | |
| Existing Activity Mix Index | |
| With Project Activity Mix Index | 0.94 |
| Integrate Affordable and Below Market Rate | |
| Extremely Low Income BMR units | 0 % |
| Very Low Income BMR units | |
| Low Income BMR units | 0 % |
| Increase Employment Density | |
| Existing Density (Jobs/Commercial Acres in half-mile buffer) | |
| With Project Density (Jobs/Commercial Acres in half-mile buffer) | 19 |
| Tier 2 - Multimodal Infrastructure | |
| Tier 3 - Parking | |
| Tier 4 - TDM Programs | |

CITY OF SAN JOSE VEHICLE MILES TRAVELED EVALUATION TOOL SUMMARY REPORT

EMPLOYMENT ONLY

The tool estimates that the project would generate per non-industrial worker VMT below the City's threshold.



Attachment C

Site Specific Trip Generation Schedule

&

City Provided Driveway Counts

Attachment C: Daily Trips - Site Specific Trip Generation Schedule

| | | | | Offs | ite Parki | ng Trip G | eneration | San Jose | e, CA | | | |
|-------|-----|-------|-------|------|-----------|-----------|-----------|----------|-------|-----|-------|-------|
| | | Autos | | | Trucks | | | Vans | | | Total | |
| Time | In | Out | Total | In | Out | Total | In | Out | Total | In | Out | Total |
| 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9:00 | 54 | 0 | 54 | 0 | 0 | 0 | 0 | 0 | 0 | 54 | 0 | 54 |
| 10:00 | 90 | 0 | 90 | 0 | 0 | 0 | 0 | 96 | 96 | 90 | 96 | 186 |
| 11:00 | 7 | 0 | 7 | 0 | 0 | 0 | 0 | 55 | 55 | 7 | 55 | 62 |
| 12:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17:30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19:00 | 0 | 24 | 24 | 0 | 0 | 0 | 48 | 0 | 48 | 48 | 24 | 72 |
| 20:00 | 0 | 86 | 86 | 0 | 0 | 0 | 84 | 0 | 84 | 84 | 86 | 170 |
| 21:00 | 0 | 41 | 41 | 0 | 0 | 0 | 19 | 0 | 19 | 19 | 41 | 60 |
| 22:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 151 | 151 | 302 | 0 | 0 | 0 | 151 | 151 | 302 | 302 | 302 | 604 |

Attachment C: Standard Peak Hour Driveway Counts

IDAX Data Solutions Project: San Jose - Story Rd TMCs Date: 3/30/2021 | 4/1/2021

| 3/30/2021 | WB: Ins | EB: Outs | EB Left from Story Rd to Similar Site |
|--|--|--|---|
| 7:00 | 0 | 0 | 0 |
| 7:05 | 0 | 0 | 0 |
| 7:10 | 0 | 1 | 0 |
| 7:15 | 0 | 0 | 0 |
| 7:20 | 1 | 0 | 0 |
| 7:25 | 0 | 1 | 0 |
| 7:30 | 0 | 0 | 0 |
| 7:35 | 1 | 0 | 0 |
| 7:40 | 1 | 0 | 1 |
| 7:45 | 0 | 0 | 0 |
| 7:50 | 2 | 0 | 2 |
| 7:55 | 0 | 0 | 0 |
| 8:00 | 1 | 0 | 0 |
| 8:05 | 0 | 1 | 0 |
| 8:10 | 0 | 0 | 0 |
| 8:15 | 1 | 2 | 0 |
| 8:20 | 3 | 1 | 0 |
| 8:25 | 1 | 0 | 0 |
| 8:30 | 0 | 1 | 0 |
| 8:35 | 1 | 0 | 0 |
| 8:40 | 0 | 1 | 0 |
| 8:45 | 0 | 0 | 0 |
| 8:50 | 1 | 0 | 0 |
| 8:55 | 0 | 1 | 0 |
| AM Total: | 13 | 9 | 3 |
| | | | EB Left from Story Rd |
| 3/30/2021 | WB: Ins | EB: Outs | to Similar Site |
| 3/30/2021 4:00 | WB: Ins 0 | EB: Outs | |
| | | | to Similar Site |
| 4:00 | 0 | 0 | to Similar Site 0 |
| 4:00 4:05 | 0 | 0 | to Similar Site 0 0 |
| 4:00 4:05 4:10 | 0 0 1 | 0 0 0 | to Similar Site 0 0 0 |
| 4:00 4:05 4:10 4:15 | 0 0 1 0 | 0 0 0 1 | to Similar Site 0 0 0 0 |
| 4:00 4:05 4:10 4:15 4:20 | 0 0 1 0 0 | 0 0 0 1 0 | to Similar Site 0 0 0 0 0 |
| 4:00 4:05 4:10 4:15 4:20 4:25 | 0 0 1 0 0 1 | 0 0 0 1 0 0 | to Similar Site 0 0 0 0 0 0 0 |
| 4:00 4:05 4:10 4:15 4:20 4:25 4:30 | 0 0 1 0 0 1 1 | 0 0 1 0 0 0 | to Similar Site 0 0 0 0 0 0 0 1 |
| 4:00 4:05 4:10 4:15 4:20 4:25 4:30 4:35 | 0 0 1 0 0 1 1 1 0 | 0 0 1 0 0 0 0 1 | to Similar Site 0 0 0 0 0 0 0 1 1 0 |
| 4:00 4:05 4:10 4:15 4:20 4:25 4:30 4:35 4:40 | 0 0 1 0 0 1 1 0 0 1 | 0 0 0 1 0 0 0 0 0 0 0 | to Similar Site 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 |
| 4:00 4:05 4:10 4:15 4:20 4:25 4:30 4:35 4:40 4:45 | 0 0 1 0 0 1 1 0 1 0 1 0 | 0 0 0 1 0 0 0 0 1 0 0 0 | to Similar Site 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 4:00 4:05 4:10 4:15 4:20 4:25 4:30 4:35 4:40 4:45 4:50 | 0 0 1 0 0 1 1 0 1 0 0 0 0 0 | 0 0 0 1 0 0 0 1 0 0 0 0 0 0 | to Similar Site 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 4:00 4:05 4:10 4:15 4:20 4:25 4:30 4:35 4:40 4:45 4:50 4:55 5:00 5:05 | 0 0 1 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 | 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 | to Similar Site 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 4:00 4:05 4:10 4:15 4:20 4:25 4:30 4:35 4:40 4:45 4:50 4:55 5:00 | 0 0 1 0 0 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 | 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0 2 | to Similar Site 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 4:00 4:05 4:10 4:15 4:20 4:25 4:30 4:35 4:40 4:45 4:50 4:55 5:00 5:05 5:10 5:15 | 0 0 1 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 | 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 | to Similar Site 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 4:00 4:05 4:10 4:15 4:20 4:25 4:30 4:35 4:40 4:45 4:50 4:55 5:00 5:05 5:10 5:15 5:20 | 0 0 1 0 0 1 1 1 0 1 1 0 0 0 0 0 0 0 0 0 | 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | to Similar Site 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 4:00 4:05 4:10 4:15 4:20 4:25 4:30 4:35 4:40 4:45 4:50 4:55 5:00 5:05 5:10 5:15 5:20 5:25 | 0 0 1 0 0 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 | 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | to Similar Site 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 4:00 4:05 4:10 4:15 4:20 4:25 4:30 4:35 4:40 4:45 4:50 4:55 5:00 5:05 5:10 5:15 5:20 5:25 5:30 | 0 0 0 1 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 | 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | to Similar Site 0 |
| 4:00 4:05 4:10 4:15 4:20 4:25 4:30 4:35 4:40 4:45 4:50 4:55 5:00 5:05 5:10 5:15 5:20 5:25 5:30 5:35 | 0 0 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 | 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | to Similar Site 0 |
| 4:00 4:05 4:10 4:15 4:20 4:25 4:30 4:35 4:40 4:45 4:50 4:55 5:00 5:05 5:10 5:15 5:20 5:25 5:30 | 0 0 0 1 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 | 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | to Similar Site 0 |
| 4:00 4:05 4:10 4:15 4:20 4:25 4:30 4:35 4:40 4:45 4:50 4:55 5:00 5:05 5:10 5:15 5:20 5:25 5:20 5:25 5:30 5:35 5:30 5:35 | 0 0 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 | 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | to Similar Site 0 |
| 4:00 4:05 4:10 4:15 4:20 4:25 4:30 4:35 4:40 4:45 4:50 4:55 5:00 5:05 5:10 5:15 5:20 5:25 5:20 5:25 5:30 5:35 5:40 5:45 5:50 | 0 0 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 | 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | to Similar Site 0 |
| 4:00 4:05 4:10 4:15 4:20 4:25 4:30 4:35 4:40 4:45 4:50 4:55 5:00 5:05 5:10 5:15 5:20 5:25 5:20 5:25 5:30 5:35 5:30 5:35 | 0 0 0 1 0 0 1 1 0 0 1 0 0 0 0 0 0 0 0 0 | 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | to Similar Site 0 |
| 4:00 4:05 4:10 4:15 4:20 4:25 4:30 4:35 4:40 4:45 4:50 4:55 5:00 5:05 5:10 5:15 5:20 5:25 5:20 5:25 5:30 5:35 5:40 5:45 5:50 | 0 0 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 | 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | to Similar Site 0 |

| 4/1/2021 | WB: Ins | EB: Outs | EB Left from Story Rd to Similar Site |
|---|--|--|--|
| 7:00 | 0 | 0 | 0 |
| 7:05 | 0 | 1 | 0 |
| 7:10 | 0 | 0 | 0 |
| 7:15 | 0 | 0 | 0 |
| 7:20 | 0 | 0 | 0 |
| 7:25 | 0 | 0 | 0 |
| 7:30 | 0 | 0 | 0 |
| 7:35 | 2 | 0 | 0 |
| 7:40 | 0 | 2 | 0 |
| 7:45 | 0 | 0 | 0 |
| 7:50 | 1 | 0 | 0 |
| 7:55 | 0 | 0 | 0 |
| 8:00 | 0 | 0 | 0 |
| 8:05 | 0 | 1 | 0 |
| 8:10 | 0 | 0 | 0 |
| 8:15 | 0 | 0 | 0 |
| 8:20 | 1 | 0 | 1 |
| 8:25 | 0 | 1 | 0 |
| 8:30 | 1 | 1 | 0 |
| 8:35 | 0 | 1 | 0 |
| 8:40 | 2 | 0 | 0 |
| 8:45 | 0 | 0 | 0 |
| 0.50 | 0 | 0 | 0 |
| 8:50 | | | |
| 8:55 | 0 | 0 | 0 |
| 8:55 AM Total: | 0 | 7 | 0 1 EB Left from Story Rd |
| 8:55 | 0 | - | 1 |
| 8:55 AM Total: 4/1/2021 4:00 | 0 | 7 EB: Outs 0 | 1 EB Left from Story Rd |
| 8:55 AM Total: 4/1/2021 4:00 4:05 | 0 7 WB: Ins 0 0 | 7 EB: Outs 0 2 | 1 EB Left from Story Rd to Similar Site 0 0 |
| 8:55 AM Total: 4/1/2021 4:00 4:05 4:10 | 0 7 WB: Ins 0 | 7 EB: Outs 0 2 1 | 1 EB Left from Story Rd to Similar Site 0 0 0 |
| 8:55 AM Total: 4/1/2021 4:00 4:05 4:10 4:15 | 0 7 WB: Ins 0 0 1 1 0 | 7 EB: Outs 0 2 1 1 | 1 EB Left from Story Rd to Similar Site 0 0 0 0 0 0 |
| 8:55 AM Total: 4/1/2021 4:00 4:05 4:10 4:15 4:20 | 0 7 WB: Ins 0 0 1 0 0 | 7 EB: Outs 0 2 1 1 0 | 1 EB Left from Story Rd to Similar Site 0 0 0 0 0 0 0 0 0 |
| 8:55 AM Total: 4/1/2021 4:00 4:05 4:10 4:15 4:20 4:25 | 0 7 WB: Ins 0 0 1 1 0 0 0 0 | 7 EB: Outs 0 2 1 1 0 0 0 | 1 EB Left from Story Rd to Similar Site 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 8:55 AM Total: 4/1/2021 4:00 4:05 4:10 4:15 4:20 4:25 4:30 | 0 7 WB: Ins 0 0 1 1 0 0 0 0 0 0 | 7 EB: Outs 0 2 1 1 0 0 0 0 0 | 1 EB Left from Story Rd to Similar Site 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 8:55 AM Total: 4/1/2021 4:00 4:05 4:10 4:15 4:20 4:25 4:30 4:35 | 0 7 WB: Ins 0 0 1 0 0 0 0 0 1 | 7 EB: Outs 0 2 1 1 0 0 0 0 0 0 0 | 1 EB Left from Story Rd to Similar Site 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 8:55 AM Total: 4/1/2021 4:00 4:05 4:10 4:15 4:20 4:25 4:30 4:35 4:40 | 0 7 WB: Ins 0 0 1 0 0 0 0 0 0 0 1 0 0 | 7 EB: Outs 0 2 1 1 0 0 0 0 0 0 1 | 1 EB Left from Story Rd to Similar Site 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 8:55 AM Total: 4/1/2021 4:00 4:05 4:10 4:15 4:20 4:25 4:30 4:35 4:40 4:45 | 0 7 WB: Ins 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 7 EB: Outs 0 2 1 1 0 0 0 0 0 0 0 1 1 0 | 1 EB Left from Story Rd to Similar Site 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 8:55 AM Total: 4/1/2021 4:00 4:05 4:10 4:15 4:20 4:25 4:20 4:25 4:30 4:35 4:40 4:45 4:50 | 0 7 WB: Ins 0 0 1 0 0 0 0 0 0 0 1 1 0 0 1 | 7 EB: Outs 0 2 1 1 0 0 0 0 0 0 0 1 1 0 1 | 1 EB Left from Story Rd to Similar Site 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 8:55 AM Total: 4/1/2021 4:00 4:05 4:10 4:15 4:20 4:25 4:30 4:35 4:40 4:45 4:50 4:55 | 0 7 WB: Ins 0 0 1 0 0 0 0 0 0 1 1 0 0 1 0 0 0 1 0 | 7 EB: Outs 0 2 1 1 0 0 0 0 0 0 0 1 1 0 1 1 | 1 EB Left from Story Rd to Similar Site 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 8:55 AM Total: 4/1/2021 4:00 4:05 4:10 4:15 4:20 4:25 4:30 4:35 4:40 4:45 4:50 4:55 5:00 | 0 7 WB: Ins 0 0 1 0 0 0 0 0 0 1 1 0 0 1 1 0 0 1 1 | 7 EB: Outs 0 2 1 1 0 0 0 0 0 0 0 1 1 0 1 1 1 1 | 1 EB Left from Story Rd to Similar Site 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 8:55 AM Total: 4/1/2021 4:00 4:05 4:10 4:15 4:20 4:25 4:30 4:35 4:40 4:45 4:50 4:55 5:00 5:05 | 0 7 WB: Ins 0 0 1 1 0 0 0 0 1 1 0 0 1 1 0 0 1 1 | 7 EB: Outs 0 2 1 1 0 0 0 0 0 0 0 1 1 1 1 1 1 0 0 | 1 EB Left from Story Rd to Similar Site 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 8:55 AM Total: 4/1/2021 4:00 4:05 4:10 4:15 4:20 4:25 4:30 4:35 4:40 4:45 4:50 4:55 5:00 5:05 5:10 | 0 7 WB: Ins 0 0 1 1 0 0 0 0 1 1 0 0 1 1 0 0 1 1 0 0 | 7 EB: Outs 0 2 1 1 0 0 0 0 0 0 0 1 1 1 1 1 0 1 1 1 1 | 1 EB Left from Story Rd to Similar Site 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 8:55 AM Total: 4/1/2021 4:00 4:05 4:10 4:15 4:20 4:25 4:30 4:35 4:40 4:45 4:50 4:55 5:00 5:05 5:10 5:15 | 0 7 WB: Ins 0 0 1 1 0 0 0 0 1 1 0 0 1 1 0 0 1 1 0 | 7 EB: Outs 0 2 1 1 0 0 0 0 0 0 0 0 1 1 1 1 1 0 0 1 1 0 0 1 1 0 0 | 1 EB Left from Story Rd to Similar Site 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 8:55 AM Total: 4/1/2021 4:00 4:05 4:10 4:15 4:20 4:25 4:30 4:35 4:40 4:45 4:50 4:55 5:00 5:05 5:10 5:15 5:20 | 0 7 WB: Ins 0 0 1 1 0 0 0 0 1 1 0 0 1 1 0 0 1 1 0 | 7 EB: Outs 0 2 1 1 0 0 0 0 0 0 0 0 1 1 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 | 1 EB Left from Story Rd to Similar Site 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 8:55 AM Total: 4/1/2021 4:00 4:05 4:10 4:15 4:20 4:25 4:30 4:35 4:40 4:35 4:40 4:45 4:50 5:00 5:05 5:10 5:15 5:20 5:25 | 0 7 WB: Ins 0 0 1 1 0 0 0 0 1 1 0 0 1 1 0 0 0 1 1 0 | 7 EB: Outs 0 2 1 1 0 0 0 0 0 0 0 1 1 1 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 2 1 1 1 0 0 0 2 1 1 0 0 0 2 1 1 0 0 0 2 1 1 0 0 0 2 1 1 0 0 0 0 | 1 EB Left from Story Rd to Similar Site 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 8:55 AM Total: 4/1/2021 4:00 4:05 4:10 4:15 4:20 4:25 4:30 4:35 4:40 4:35 4:40 4:45 4:50 5:00 5:05 5:10 5:15 5:20 5:25 5:30 | 0 7 WB: Ins 0 0 1 1 0 0 0 0 1 1 0 0 1 1 0 0 0 1 1 0 | 7 EB: Outs 0 2 1 1 0 0 0 0 0 0 0 0 1 1 1 0 0 1 1 0 0 1 1 0 0 1 0 | 1 EB Left from Story Rd to Similar Site 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 8:55 AM Total: 4/1/2021 4:00 4:05 4:10 4:15 4:20 4:25 4:30 4:35 4:40 4:35 4:40 4:45 4:50 5:00 5:05 5:10 5:15 5:20 5:25 5:30 5:35 | 0 7 WB: Ins 0 0 1 1 0 0 0 0 1 1 0 0 0 1 1 0 0 0 0 | 7 EB: Outs 0 2 1 1 0 0 0 0 0 0 0 1 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 | 1 EB Left from Story Rd to Similar Site 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 8:55 AM Total: 4/1/2021 4:00 4:05 4:10 4:15 4:20 4:25 4:30 4:35 4:40 4:35 4:40 4:45 4:50 5:00 5:05 5:10 5:15 5:20 5:25 5:30 5:35 5:40 | 0 7 WB: Ins 0 0 1 1 0 0 0 0 1 1 0 0 0 1 1 0 0 0 0 | 7 EB: Outs 0 2 1 1 0 0 0 0 0 0 1 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 | 1 EB Left from Story Rd to Similar Site 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 8:55 AM Total: 4/1/2021 4:00 4:05 4:10 4:15 4:20 4:25 4:30 4:35 4:40 4:45 4:50 5:00 5:05 5:10 5:25 5:30 5:35 5:40 5:45 | 0 7 WB: Ins 0 0 1 1 0 0 0 0 1 1 0 0 0 1 1 0 0 0 0 | 7 EB: Outs 0 2 1 1 0 0 0 0 0 0 1 1 1 0 0 1 1 1 0 0 1 1 0 0 1 1 0 | 1 EB Left from Story Rd to Similar Site 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 8:55 AM Total: 4/1/2021 4:00 4:05 4:10 4:15 4:20 4:25 4:30 4:35 4:40 4:45 4:50 5:00 5:05 5:10 5:25 5:30 5:35 5:40 5:45 5:50 | 0 7 WB: Ins 0 0 1 1 0 0 0 0 1 1 0 0 0 1 1 0 0 0 0 | 7 EB: Outs 0 2 1 1 0 0 0 0 0 0 1 1 1 0 0 1 1 0 0 1 1 0 0 0 1 1 0 | 1 EB Left from Story Rd to Similar Site 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 8:55 AM Total: 4/1/2021 4:00 4:05 4:10 4:15 4:20 4:25 4:30 4:35 4:40 4:35 4:40 4:45 4:50 5:00 5:05 5:00 5:05 5:10 5:15 5:20 5:25 5:30 5:35 5:40 5:45 | 0 7 WB: Ins 0 0 1 1 0 0 0 0 1 1 0 0 0 1 1 0 0 0 0 | 7 EB: Outs 0 2 1 1 0 0 0 0 0 0 1 1 1 0 0 1 1 1 0 0 1 1 0 0 1 1 0 | 1 EB Left from Story Rd to Similar Site 0 0 0 0 0 0 0 0 0 0 0 0 0 |

Attachment C: Project Peak Hour Driveway Counts

IDAX Data Solutions Project: San Jose - Story Rd TMCs - Phase II Date: 4/14/2021 | 4/15/2021

| 4/14/2021 | WB: Ins | EB: Outs | EB Left from Story Rd to Similar Site |
|--|---|---|--|
| 9:00 | 2 | 0 | 0 |
| 9:05 | 0 | 0 | 0 |
| 9:10 | 2 | 0 | 0 |
| 9:15 | 0 | 0 | 0 |
| 9:20 | 1 | 0 | 0 |
| 9:25 | 0 | 0 | 0 |
| 9:30 | 0 | 0 | 0 |
| 9:35 | 1 | 0 | 0 |
| 9:40 | 0 | 1 | 0 |
| 9:45 | 3 | 2 | 0 |
| 9:50 | 2 | 0 | 0 |
| 9:55 | 0 | 25 | 0 |
| 10:00 | 0 | 0 | 0 |
| 10:05 | 0 | 1 | 0 |
| 10:10 | 1 | 0 | 0 |
| 10:15 | 0 | 17 | 0 |
| 10:20 | 0 | 2 | 0 |
| 10:25 | 0 | | 0 |
| 10:30 10:35 | 0 | 0 | 0 |
| 10:35 | 0 | 4 19 | 0 |
| 10:40 | 0 | 19 | 0 |
| 10:45 | 2 | 1 | 0 |
| 10:55 | 0 | 9 | 0 |
| AM Total: | 14 | 83 | 0 |
| 4/14/2021 | WB: Ins | EB: Outs | EB Left from Story Rd to Similar Site |
| 6:00 | 1 | | |
| 0.00 | | 3 | 0 |
| 6:05 | | 3 | 0 |
| 6:05 6:10 | 0 | 2 | 0 |
| 6:10 | | | |
| 6:10 6:15 | 0 | 2 | 0 |
| 6:10 | 0 1 0 | 2 2 0 | 0 1 0 |
| 6:10 6:15 6:20 | 0 1 0 1 | 2 2 0 1 | 0 1 0 0 |
| 6:10 6:15 6:20 6:25 | 0 1 0 1 1 | 2 2 0 1 1 | 0 1 0 0 |
| 6:10 6:15 6:20 6:25 6:30 | 0 1 0 1 1 1 | 2 2 0 1 1 0 | 0 1 0 0 0 0 |
| 6:10 6:15 6:20 6:25 6:30 6:35 | 0 1 0 1 1 1 2 | 2 2 0 1 1 0 1 | 0 1 0 0 0 0 0 |
| 6:10 6:15 6:20 6:25 6:30 6:35 6:40 | 0 1 0 1 1 1 2 0 | 2 2 0 1 1 0 1 0 | 0 1 0 0 0 0 0 0 0 |
| 6:10 6:15 6:20 6:25 6:30 6:35 6:40 6:45 6:50 6:55 | 0 1 0 1 1 1 2 0 0 10 3 3 3 | 2 2 0 1 1 0 1 0 1 2 0 | 0 1 0 0 0 0 0 0 0 0 0 0 |
| 6:10 6:15 6:20 6:25 6:30 6:35 6:40 6:45 6:50 | 0 1 0 1 1 1 2 0 0 10 3 3 3 2 | 2 2 0 1 1 0 1 0 1 2 | 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 6:10 6:15 6:20 6:25 6:30 6:35 6:40 6:45 6:50 6:55 7:00 7:05 | 0 1 0 1 1 1 2 0 0 10 3 3 3 2 4 | 2 2 0 1 1 0 1 0 1 2 0 0 0 0 0 | 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
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| 6:10 6:15 6:20 6:25 6:30 6:35 6:40 6:45 6:50 6:55 7:00 7:10 7:15 7:20 7:25 7:30 | 0 1 0 1 1 2 0 0 10 3 3 3 2 2 4 4 2 1 0 0 1 1 3 3 | 2 2 0 1 1 0 1 1 0 1 2 0 0 0 0 0 1 2 2 0 0 2 | 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
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| 6:10 6:15 6:20 6:25 6:30 6:35 6:40 6:45 6:50 6:55 7:00 7:15 7:20 7:25 7:30 7:35 7:40 | 0 1 0 1 1 1 2 0 0 10 3 3 3 2 2 4 4 2 1 0 0 1 3 3 2 2 0 0 | 2 2 0 1 1 0 1 0 1 2 0 0 0 0 0 0 0 0 0 0 | 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 6:10 6:15 6:20 6:25 6:30 6:35 6:40 6:45 6:50 6:55 7:00 7:05 7:10 7:15 7:20 7:30 7:35 7:40 7:45 | 0 1 0 1 1 2 0 0 10 3 3 3 2 4 4 2 1 0 0 1 3 2 0 0 3 3 | 2 2 0 1 1 0 1 2 0 0 0 0 0 0 0 0 0 0 0 0 | 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 6:10 6:15 6:20 6:25 6:30 6:35 6:40 6:45 6:50 6:55 7:00 7:05 7:10 7:15 7:20 7:35 7:40 7:45 7:50 | 0 1 1 1 1 2 0 0 10 3 3 3 2 4 4 2 1 1 0 0 1 1 3 3 2 0 0 3 3 1 | 2 2 0 1 1 0 1 0 1 2 0 0 0 0 0 0 0 0 0 0 | 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 6:10 6:15 6:20 6:25 6:30 6:35 6:40 6:45 6:50 6:55 7:00 7:05 7:10 7:15 7:20 7:30 7:35 7:40 7:45 | 0 1 0 1 1 2 0 0 10 3 3 3 2 4 4 2 1 0 0 1 3 2 0 0 3 3 | 2 2 0 1 1 0 1 2 0 0 0 0 0 0 0 0 0 0 0 0 | 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |

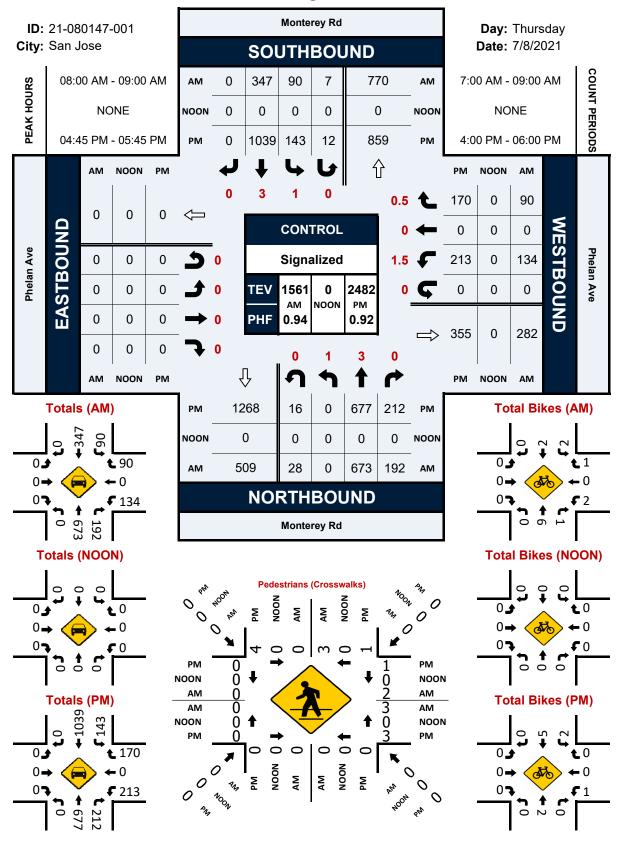
| 4/15/2021 | WB: Ins | EB: Outs | EB Left from Story Rd to Similar Site |
|---|--|--|---|
| 9:00 | 0 | 0 | 0 |
| 9:05 | 3 | 0 | 1 |
| 9:10 | 1 | 1 | 0 |
| 9:15 | 0 | 0 | 0 |
| 9:20 | 0 | 0 | 0 |
| 9:25 | 2 | 2 | 0 |
| 9:30 | 0 | 2 | 0 |
| 9:35 | 0 | 1 | 0 |
| 9:40 | 1 | 1 | 0 |
| 9:45 | 3 | 0 | 0 |
| 9:50 | 0 | 0 | 0 |
| 9:55 | 1 | 1 | 0 |
| 10:00 | 0 | 16 | 0 |
| 10:05 | 0 | 0 | 0 |
| 10:10 | 0 | 0 | 0 |
| 10:15 | 0 | 12 | 0 |
| 10:20 | 0 | 1 | 0 |
| 10:25 | 0 | 1 | 0 |
| 10:30 | 0 | 2 | 0 |
| 10:35 | 1 | 22 | 0 |
| 10:40 | 0 | 0 | 0 |
| 10:45 | 0 | 0 | 0 |
| | | | 0 |
| 10.20 | 0 | 0 | |
| 10:50 10:55 | 0 | 0 | |
| 10:55 | 0 | 10 | 0 |
| | - | - | 0 1 EB Left from Story Rd |
| 10:55 AM Total: 4/15/2021 | 0 12 WB: Ins | 10 72 EB: Outs | 0 1 EB Left from Story Rd to Similar Site |
| 10:55 AM Total: 4/15/2021 6:00 | 0 12 WB: Ins 0 | 10 72 EB: Outs 1 | 0 1 EB Left from Story Rd to Similar Site 0 |
| 10:55 AM Total: 4/15/2021 6:00 6:05 | 0 12 WB: Ins 0 3 | 10 72 EB: Outs 1 1 | 0 1 EB Left from Story Rd to Similar Site 0 1 |
| 10:55 AM Total: 4/15/2021 6:00 6:05 6:10 | 0 12 WB: Ins 0 3 0 | 10 72 EB: Outs 1 1 1 | 0 1 EB Left from Story Rd to Similar Site 0 1 0 |
| 10:55 AM Total: 4/15/2021 6:00 6:05 6:10 6:15 | 0 12 WB: Ins 0 3 0 2 | 10 72 EB: Outs 1 1 1 3 | 0 1 EB Left from Story Rd to Similar Site 0 1 0 0 0 0 0 0 |
| 10:55 AM Total: 4/15/2021 6:00 6:05 6:10 6:15 6:20 | 0 12 WB: Ins 0 3 0 | 10 72 EB: Outs 1 1 1 | 0 1 EB Left from Story Rd to Similar Site 0 1 0 0 0 0 0 0 0 0 0 0 0 |
| 10:55 AM Total: 4/15/2021 6:00 6:05 6:10 6:15 6:20 6:25 | 0 12 WB: Ins 0 3 0 2 0 1 | 10 72 EB: Outs 1 1 1 3 0 0 | 0 1 EB Left from Story Rd to Similar Site 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 10:55 AM Total: 4/15/2021 6:00 6:05 6:10 6:15 6:20 6:25 6:30 | 0 12 WB: Ins 0 3 0 2 0 1 1 0 | 10 72 EB: Outs 1 1 1 3 0 1 0 1 0 | 0 1 EB Left from Story Rd to Similar Site 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 10:55 AM Total: 4/15/2021 6:00 6:05 6:10 6:15 6:20 6:25 6:30 6:35 | 0 12 WB: Ins 0 3 0 2 0 1 1 0 0 0 | 10 72 EB: Outs 1 1 1 3 0 0 1 0 2 | 0 1 EB Left from Story Rd to Similar Site 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 10:55 AM Total: 4/15/2021 6:00 6:05 6:10 6:15 6:20 6:25 6:30 6:35 6:35 6:40 | 0 12 WB: Ins 0 3 0 2 0 1 1 0 0 1 1 0 | 10 72 EB: Outs 1 1 1 3 0 0 1 0 2 2 1 | 0 1 EB Left from Story Rd to Similar Site 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 10:55 AM Total: 4/15/2021 6:00 6:05 6:10 6:15 6:20 6:25 6:30 6:35 6:40 6:45 | 0 12 WB: Ins 0 3 0 2 2 0 1 1 0 0 1 1 1 | 10 72 EB: Outs 1 1 1 3 0 0 1 0 2 1 0 0 2 1 0 0 | 0 1 EB Left from Story Rd to Similar Site 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 10:55 AM Total: 4/15/2021 6:00 6:05 6:10 6:15 6:20 6:25 6:30 6:35 6:40 6:45 6:50 | 0 12 WB: Ins 0 3 3 0 2 0 0 1 1 0 0 1 1 1 0 0 | 10 72 EB: Outs 1 1 1 3 0 0 1 1 0 0 2 1 0 0 0 0 | 0 1 EB Left from Story Rd to Similar Site 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 10:55 AM Total: 4/15/2021 6:00 6:05 6:10 6:15 6:20 6:25 6:30 6:35 6:40 6:45 6:50 6:55 | 0 12 WB: Ins 0 3 3 0 2 0 0 1 1 0 0 1 1 1 0 3 | 10 72 EB: Outs 1 1 1 3 0 0 1 1 0 0 2 1 0 0 0 1 | 0 1 EB Left from Story Rd to Similar Site 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 10:55 AM Total: 4/15/2021 6:00 6:05 6:10 6:15 6:20 6:25 6:30 6:35 6:40 6:45 6:50 6:55 7:00 | 0 12 WB: Ins 0 3 3 0 2 0 0 1 1 0 0 1 1 1 0 0 3 3 2 | 10 72 EB: Outs 1 1 1 3 0 0 1 1 0 0 2 1 0 0 1 1 0 0 0 1 1 0 0 | 0 1 EB Left from Story Rd to Similar Site 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 10:55 AM Total: 4/15/2021 6:00 6:05 6:10 6:15 6:20 6:25 6:30 6:35 6:40 6:45 6:50 6:55 7:00 7:05 | 0 12 WB: Ins 0 3 0 2 0 0 1 1 0 0 1 1 0 0 3 3 2 1 | 10 72 EB: Outs 1 1 1 3 0 0 1 1 0 0 2 1 0 0 0 1 1 0 0 3 | 0 1 EB Left from Story Rd to Similar Site 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 10:55 AM Total: 4/15/2021 6:00 6:05 6:10 6:15 6:20 6:25 6:30 6:35 6:40 6:45 6:50 6:55 7:00 7:05 7:10 | 0 12 WB: Ins 0 3 0 2 0 0 1 1 0 0 1 1 1 0 3 2 2 1 1 0 0 | 10 72 EB: Outs 1 1 1 1 3 3 0 0 1 1 0 0 2 1 0 0 1 0 0 3 3 1 | 0 1 EB Left from Story Rd to Similar Site 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 10:55 AM Total: 4/15/2021 6:00 6:05 6:10 6:15 6:20 6:25 6:30 6:35 6:40 6:45 6:50 6:55 7:00 7:05 7:10 7:15 | 0 12 WB: Ins 0 3 0 2 0 0 1 1 0 0 1 1 0 0 3 2 2 1 1 0 0 1 1 | 10 72 EB: Outs 1 1 1 3 0 0 1 1 0 0 2 1 0 0 0 1 1 0 0 3 | 0 1 EB Left from Story Rd to Similar Site 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 10:55 AM Total: 4/15/2021 6:00 6:05 6:10 6:15 6:20 6:25 6:30 6:35 6:40 6:45 6:50 6:55 7:00 7:05 7:10 7:15 7:20 | 0 12 WB: Ins 0 3 0 2 2 0 0 1 1 0 0 1 1 0 0 3 3 2 1 0 0 1 1 3 3 | 10 72 EB: Outs 1 1 1 3 3 0 0 1 1 0 0 2 1 1 0 0 1 1 0 0 3 1 1 3 1 1 3 | 0 1 EB Left from Story Rd to Similar Site 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 10:55 AM Total: 4/15/2021 6:00 6:05 6:10 6:15 6:20 6:25 6:30 6:35 6:40 6:45 6:50 6:55 7:00 7:05 7:10 7:15 7:20 7:25 | 0 12 WB: Ins 0 3 0 2 2 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 0 1 1 0 0 0 0 0 1 2 0 0 0 1 2 0 0 0 1 2 0 0 0 1 2 0 0 0 0 | 10 72 EB: Outs 1 1 1 3 3 0 0 1 1 0 0 2 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 1 | 0 1 EB Left from Story Rd to Similar Site 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 10:55 AM Total: 4/15/2021 6:00 6:05 6:10 6:15 6:20 6:25 6:30 6:35 6:40 6:45 6:50 6:55 7:00 7:05 7:10 7:15 7:20 7:25 7:30 | 0 12 WB: Ins 0 3 0 2 2 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 0 1 1 0 0 0 0 1 2 0 0 0 0 | 10 72 EB: Outs 1 1 1 3 3 0 0 1 1 0 0 2 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 | 0 1 EB Left from Story Rd to Similar Site 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| 10:55 AM Total: 4/15/2021 6:00 6:05 6:10 6:15 6:20 6:25 6:30 6:35 6:40 6:45 6:50 6:55 7:00 7:05 7:10 7:15 7:20 7:25 7:30 7:35 | 0 12 WB: Ins 0 3 0 2 2 0 0 1 1 0 0 1 1 0 0 3 2 1 0 0 1 1 3 0 0 2 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 | 10 72 EB: Outs 1 1 1 3 3 0 0 1 1 0 0 2 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 | 0 1 EB Left from Story Rd 0 1 0 1 0 1 0 |
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| 10:55 AM Total: 4/15/2021 6:00 6:05 6:10 6:15 6:20 6:25 6:30 6:35 6:40 6:45 6:50 6:55 7:00 7:05 7:10 7:15 7:20 7:25 7:30 7:35 7:40 7:45 | 0 12 WB: Ins 0 3 0 2 2 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 0 1 1 0 0 0 0 0 1 1 0 | 10 72 EB: Outs 1 1 1 3 0 0 1 1 0 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 0 1 1 0 0 0 0 1 1 0 0 0 0 1 1 0 0 0 1 1 0 0 0 1 | Image: Constraint of the start of |
| 10:55 AM Total: 4/15/2021 6:00 6:05 6:10 6:15 6:20 6:25 6:30 6:35 6:40 6:45 6:50 6:55 7:00 7:05 7:10 7:15 7:20 7:25 7:30 7:35 7:40 7:45 7:50 | 0 12 WB: Ins 0 0 3 0 2 0 0 1 1 0 0 1 1 0 0 3 3 2 2 1 1 0 0 1 1 3 0 0 1 1 2 0 0 1 1 2 0 0 1 1 2 1 1 0 0 0 1 1 1 0 0 0 1 2 0 0 1 2 0 0 1 2 0 0 1 2 0 0 1 2 0 0 1 2 0 0 0 1 2 0 0 0 1 2 0 0 0 1 2 0 0 0 1 2 0 0 0 0 | 10 72 EB: Outs 1 1 1 3 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 | 0 1 EB Left from Story Rd to Similar Site 0 1 0 </td |
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Attachment D

Traffic Count Data

Monterey Rd & Phelan Ave

Peak Hour Turning Movement Count



National Data & Surveying Services Intersection Turning Movement Count

| | San Jose | d & Phelan | Ave | | | | | | | | | | Pro | | 21-080147- 7/8/2021 | 001 | |
|--------------------|-----------|------------|----------|---------|----------|-----------|---------|---------|---|-----------|-------|-----------|----------|---------|------------------------|---------|--------------|
| NS/EW Streets: | | Monter | ov Bd | | | Monter | | Data - | Totals | | n Ave | | | Phelan | Avo. | | |
| NS/EW Streets: | | | • | | | | , | | | | | | | | | | |
| | | NORTH | | | | SOUTH | | | _ | | BOUND | | | WESTE | | | |
| AM | 1 | 3 | 0 | 0 | 1 | 3 | 0 | 0 | 0 EL | 0 | 0 | 0 EU | 1.5 | 0 | 0.5 | 0 | TOTAL |
| 7:00 AM | <u>NL</u> | NT 144 | NR 24 | NU 4 | SL 16 | ST 60 | SR 0 | SU 1 | | <u>ET</u> | ER | <u>EU</u> | WL 22 | WT 0 | WR 19 | WU 0 | TOTAL 290 |
| 7:15 AM | ő | 168 | 24 | 4 | 16 | 71 | ő | 2 | 0 | 0 | 0 | 0 | 22 | ő | 19 | 0 | 333 |
| 7:30 AM | 0 | 204 | 26 | 6 | 18 | 86 | 0 | 2 | 0 | 0 | 0 | 0 | 20 | 0 | 16 | 0 | 380 |
| 7:45 AM | 0 | 165 | 33 | 6 | 27 | 98 | 0 | 2 | 0 | 0 | 0 | 0 | 46 | 0 | 15 | 0 | 392 |
| 8:00 AM | 0 | 173 | 53 | 6 | 27 | 85 | 0 | 0 | 0 | 0 | 0 | 0 | 34 | 0 | 25 | 0 | 392 |
| 8:15 AM | 0 | 170 | 43 | 4 | 23 | 83 | 0 | 3 | 0 | ő | 0 | 0 | 27 | 0 | 15 | ŏ | 368 |
| 8:30 AM | ŏ | 168 | 42 | 7 | 23 | 90 | 0 | 2 | 0 | ő | 0 | 0 | 30 | ő | 20 | ŏ | 382 |
| 8:45 AM | ő | 162 | 54 | íı | 22 | 89 | ő | 2 | ő | ő | 0 | ő | 43 | ő | 30 | ŏ | 413 |
| 0110741 | Ŭ | 102 | | | | | · · | - | , in the second s | | | | .5 | · · | 50 | Ŭ | 115 |
| | NL | NT | NR | NU | SL | ST | SR | SU | EL | ET | ER | EU | WL | WT | WR | WU | TOTAL |
| TOTAL VOLUMES : | 0 | 1354 | 301 | 48 | 167 | 662 | 0 | 14 | 0 | 0 | 0 | 0 | 252 | 0 | 158 | 0 | 2956 |
| APPROACH %'s : | 0.00% | 79.51% | 17.67% | 2.82% | 19.81% | 78.53% | 0.00% | 1.66% | | | | | 61.46% | 0.00% | 38.54% | 0.00% | |
| PEAK HR : | (| 08:00 AM - | 09:00 AM | | | | | | | | | | | | | | TOTAL |
| PEAK HR VOL : | 0 | 673 | 192 | 28 | 90 | 347 | 0 | 7 | 0 | 0 | 0 | 0 | 134 | 0 | 90 | 0 | 1561 |
| PEAK HR FACTOR : | 0.000 | 0.973 | 0.889 | 0.636 | 0.978 | 0.964 | 0.000 | 0.583 | 0.000 | 0.000 | 0.000 | 0.000 | 0.779 | 0.000 | 0.750 | 0.000 | 0.945 |
| | | 0.9 | 62 | | | 0.96 | 55 | | | | | | | 0.76 | 57 | | 0.945 |
| | | | | | | | | | | | | | | | | | |
| DAA | | NORTH | | | | SOUTH | | | | | BOUND | | | WESTE | | | |
| PM | 1 | 3 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1.5 | 0 | 0.5 | 0 | |
| 4:00 PM | NL 0 | NT 175 | NR 57 | NU 9 | SL 32 | ST 212 | SR 0 | SU 3 | <u>EL</u> | ET | ER | EU | WL | WT 0 | WR 45 | WU | TOTAL 573 |
| 4:00 PM 4:15 PM | 0 | 1/5 | 57 48 | 9 | 32 26 | 212 | 0 | 3 | 0 | 0 | 0 | 0 | 40 71 | 0 | 45 31 | 0 0 | 573 |
| 4:15 PM 4:30 PM | 0 | 150 | 48 57 | 4 | 26 39 | 247 | 0 | 2 | 0 | 0 | 0 | 0 | 71 44 | 0 | 27 | 0 | 592 589 |
| 4:30 PM 4:45 PM | 0 | 157 | 57 | 2 | 39 | 256 | 0 | 5 | 0 | 0 | 0 | 0 | 44 55 | 0 | 43 | 0 | 589 626 |
| 4:45 PM 5:00 PM | 0 | 100 | 65 | 4 | 33 41 | 260 | 0 | 2 | 0 | 0 | 0 | 0 | 55 | 0 | 43 54 | 0 | 626 |
| 5:15 PM | 0 | 190 | 42 | 5 | 35 | 259 | 0 | 4 | 0 | 0 | 0 | 0 | 55 | 0 | 38 | 0 0 | 582 |
| 5:30 PM | ŏ | 174 | 49 | 5 | 34 | 254 | ŏ | 3 | ő | ő | ő | ő | 49 | ŏ | 35 | ŏ | 603 |
| 5:45 PM | ő | 163 | 50 | 2 | 30 | 225 | 0 | 5 | 0 | ő | 0 | ő | 38 | 0 | 28 | 0 | 541 |
| 5.15111 | Ŭ | 100 | | - | | 225 | Ŭ | J | , s | • | · · | · · | | Ŭ | 20 | Ŭ | 511 |
| | NL | NT | NR | NU | SL | ST | SR | SU | EL | ET | ER | EU | WL | WT | WR | WU | TOTAL |
| TOTAL VOLUMES : | 0 | 1332 | 424 | 38 | 270 | 1979 | 0 | 27 | 0 | 0 | 0 | 0 | 406 | 0 | 301 | 0 | 4777 |
| APPROACH %'s : | 0.00% | 74.25% | 23.63% | 2.12% | 11.86% | 86.95% | 0.00% | 1.19% | | | | | 57.43% | 0.00% | 42.57% | 0.00% | |
| PEAK HR : | 1 | 04:45 PM - | 05:45 PM | | | | | | | | | | | | | | TOTA |
| PEAK HR VOL : | 0 | 677 | 212 | 16 | 143 | 1039 | 0 | 12 | 0 | 0 | 0 | 0 | 213 | 0 | 170 | 0 | 2482 |
| PEAK HR FACTOR : | 0.000 | 0.891 | 0.815 | 0.800 | 0.872 | 0.977 | 0.000 | 0.750 | 0.000 | 0.000 | 0.000 | 0.000 | 0.968 | 0.000 | 0.787 | 0.000 | 0.925 |
| | | 0.8 | | | | 0.98 | | | | | | | | 0.8 | | | |

National Data & Surveying Services Intersection Turning Movement Count

| Location: N City: S Control: S | an Jose | d & Phelan | Ave | | | | | Data - | Rikos | | | | Pr | | 21-080147- 7/8/2021 | 001 | |
|--------------------------------------|---------|-------------|--------|--------|---------|---------|--------|--------|-------|-------|--------|-------|----------|--------|------------------------|--------|-------|
| NS/EW Streets: | | Monter | ey Rd | | | Monter | | Data | DIRCS | Phela | in Ave | | | Phelar | Ave | | |
| | | NORTH | | | | SOUTH | | | | FAST | BOUND | | | WESTE | | | |
| AM | 1 | 3 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1.5 | 0 | 0.5 | 0 | |
| | ŇL | NT | NR | NU | SL | ST | SR | SU | EL | ET | ER | EU | WL | ŴТ | WR | wu | TOTAL |
| 7:00 AM | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 7:15 AM | Ó | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Ó | 0 | 0 | 0 | 0 | 0 |
| 7:30 AM | ō | ō | ō | 0 | 1 | ō | ō | 0 | ō | ō | ō | ō | ō | ō | ō | ō | 1 |
| 7:45 AM | ő | 2 | ŏ | ő | ō | 1 | õ | õ | ŏ | ŏ | ŏ | ŏ | ŏ | õ | õ | ŏ | 3 |
| 8:00 AM | ň | 1 | ő | Ő | Ő | 1 | 0 | ň | Ő | ň | ő | ñ | 1 | ň | ő | Ő | 3 |
| 8:15 AM | 0 | 0 | 0 | 0 | 0 0 | i i | ŏ | ő | 0 | ŏ | 0 | 0 | 1 | 0 | ő | ŏ | 2 |
| 8:30 AM | 0 | 2 | 0 | ŏ | 2 | ō | ŏ | 0 | 0 | ő | 0 | ő | 0 | ő | 1 | ŏ | 5 |
| 8:45 AM | 0 | 3 | 1 | 0 | 0 | ő | 0 | 0 | ő | 0 | 0 | ő | 0 | 0 | ō | 0 | 4 |
| 0.45 AM | U | 5 | 1 | • | U | U | U | • | U | 0 | U | 0 | v | U | U | 0 | 7 |
| | NL | NT | NR | NU | SL | ST | SR | SU | EL | ET | ER | EU | WL | WT | WR | WU | TOTAL |
| TOTAL VOLUMES : | 0 | 9 | 2 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 20 |
| APPROACH %'s : | 0.00% | 81.82% | 18.18% | 0.00% | 50.00% | 50.00% | 0.00% | 0.00% | Ū | 0 | 0 | 0 | 66.67% | 0.00% | 33.33% | 0.00% | |
| PEAK HR : | | 01:02 /02 - | | 010070 | 50.0070 | 5010070 | 010070 | 010070 | | | | | 00107 70 | 010070 | 5515570 | 010070 | TOTAL |
| PEAK HR VOL : | 0 | 6 | 1 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 14 |
| PEAK HR FACTOR : | 0.000 | 0.500 | 0.250 | 0.000 | 0.250 | 0.500 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.500 | 0.000 | 0.250 | 0.000 | |
| | 0.000 | 0.43 | | 0.000 | 0.250 | 0.50 | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.500 | 0.7 | | 0.000 | 0.700 |
| | | | | | | | | | | | | | | | | | |
| | | NORTH | BOUND | | | SOUTH | BOUND | | | EAST | BOUND | | | WESTE | BOUND | | |
| PM | 1 | 3 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1.5 | 0 | 0.5 | 0 | |
| | NL | NT | NR | NU | SL | ST | SR | SU | EL | ET | ER | EU | WL | WT | WR | WU | TOTAL |
| 4:00 PM | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 4:15 PM | Ó | 4 | 0 | 0 | 0 | 3 | 0 | 0 | Ó | Ó | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 4:30 PM | ō | Ó | 1 | 0 | 1 | ō | ō | 0 | ō | ō | ō | ō | ō | 0 | 1 | ō | 3 |
| 4:45 PM | ŏ | ž | ō | ŏ | ī | ŏ | ŏ | ŏ | ŏ | ŏ | ŏ | ŏ | ŏ | ŏ | ō | ŏ | 3 |
| 5:00 PM | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 5:15 PM | ŏ | ŏ | ŏ | ő | ō | õ | ŏ | õ | ŏ | ŏ | ŏ | ŏ | ŏ | õ | õ | ŏ | 0 |
| 5:30 PM | ŏ | ŏ | ŏ | 1 | ŏ | 2 | ŏ | ŏ | ŏ | ŏ | ŏ | ŏ | ĭ | ŏ | ŏ | ŏ | 4 |
| 5:45 PM | ŏ | 2 | ŏ | ō | ŏ | 2 | õ | õ | ŏ | ŏ | ŏ | ŏ | ō | õ | õ | ŏ | 4 |
| 51.5111 | - | - | | - | - | - | - | - | | - | | | | - | - | - | |
| | NL | NT | NR | NU | SL | ST | SR | SU | EL | ET | ER | EU | WL | WT | WR | WU | TOTAL |
| TOTAL VOLUMES : | 0 | 8 | 1 | 1 | 3 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 26 |
| APPROACH %'s : | 0.00% | 80.00% | 10.00% | 10.00% | 21.43% | 78.57% | 0.00% | 0.00% | | - | - | - | 50.00% | 0.00% | 50.00% | 0.00% | |
| PEAK HR : | |)4:45 PM - | | | | | | | | | | | | | | | TOTAL |
| PEAK HR VOL : | 0 | 2 | 0 | 1 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 11 |
| | 0.000 | 0.250 | 0.000 | 0.250 | 0.500 | 0.417 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.250 | 0.000 | 0.000 | 0.000 | |
| PEAK HR FACTOR : | | | | | | | | | | | | | | | | | 0.688 |

National Data & Surveying Services Intersection Turning Movement Count City: San Jose Data - Pedestrians (Crosswalks)

| - | | | Dala - P | euestila | | sswains | | | - |
|--|----------------------------|---------------------------------|--------------------------------------|--------------------------------------|----------------------------|---------------------------------|--------------------------------------|---------------------------------|---------------------------------|
| NS/EW Streets: | Monte | rey Rd | Monter | ey Rd | Phela | in Ave | Phela | n Ave | |
| AM | NORT EB | H LEG WB | SOUTI EB | H LEG WB | EAS ⁻ NB | T LEG SB | WEST NB | LEG SB | TOTAL |
| 7:00 AM 7:15 AM 7:30 AM 7:45 AM 8:00 AM 8:15 AM 8:30 AM 8:45 AM | 0 0 1 0 0 0 | 1 0 0 0 0 3 0 | 1 0 0 0 0 0 0 0 | 0 0 0 0 0 0 0 0 | 1 0 0 2 1 0 | 0 0 1 0 0 1 1 | 0 0 0 0 0 0 0 0 | 0 0 0 0 0 0 0 | 3 0 2 0 2 5 1 |
| TOTAL VOLUMES : APPROACH %'s : | EB 1 20.00% | WB 4 80.00% | EB 1 100.00% | WB 0 0.00% | NB 4 57.14% | SB 3 42.86% | NB 0 | SB 0 | TOTAL 13 |
| PEAK HR : PEAK HR VOL : PEAK HR FACTOR : | 0 | - 09:00 AM 3 0.250 250 | 0 | 0 | 3 0.375 0.0 | 2 0.500 625 | 0 | 0 | TOTAL 8 0.400 |

| | NORT | 'h leg | SOUT | 'H LEG | EAS | T LEG | WES | Г LEG | |
|------------------|----------|------------|------|--------|--------|--------|-----|-------|-------|
| PM | EB | WB | EB | WB | NB | SB | NB | SB | TOTAL |
| 4:00 PM | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| 4:15 PM | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| 4:30 PM | 1 | 1 | 0 | 0 | 2 | 2 | 0 | 0 | 6 |
| 4:45 PM | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 5:00 PM | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 2 |
| 5:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:30 PM | 1 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 4 |
| 5:45 PM | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 |
| | | | | | | | | | |
| | EB | WB | EB | WB | NB | SB | NB | SB | TOTAL |
| TOTAL VOLUMES : | 8 | 2 | 0 | 0 | 6 | 5 | 0 | 0 | 21 |
| APPROACH %'s : | 80.00% | 20.00% | | | 54.55% | 45.45% | | | |
| PEAK HR : | 04:45 PM | - 05:45 PM | | | | | | | TOTAL |
| PEAK HR VOL : | 4 | 1 | 0 | 0 | 3 | 1 | 0 | 0 | 9 |
| PEAK HR FACTOR : | 0.333 | 0.250 | | | 0.375 | 0.250 | | | 0.563 |
| | 0.4 | 417 | | | 0 | 333 | | | 0.563 |

| OBJECTID | FACILITYID | INTID | LATITUDE | LONGITUDE | COUNTDATE | ADT | STREETONE | DIRECTION | STREETTWO | NEARINTERS | CITY | DATASOURCE | LASTUPDATE |
|----------|------------|-------|-------------|--------------|------------------------|------|-------------|-----------|-------------|-------------------------|----------|--------------------------------------|------------------------|
| 3650 | 3650 | 3650 | 37.3106969 | -121.8734108 | 2016/05/12 00:00:00+00 | 2766 | Pomona Av | N of | San Jose Av | Pomona Av & San Jose Av | San Jose | 2010-16 MetroCount Mechanical Update | 2020/05/04 22:31:25+00 |
| 3651 | 3651 | 3651 | 37.31047351 | -121.8734276 | 2016/05/12 00:00:00+00 | 7131 | San Jose Av | W of | Pomona Av | San Jose Av & Pomona Av | San Jose | 2010-16 MetroCount Mechanical Update | 2020/05/04 22:31:25+00 |
| 3652 | 3652 | 3652 | 37.31042847 | -121.8731567 | 2016/05/12 00:00:00+00 | 1464 | Pomona Av | S of | San Jose Av | Pomona Av & San Jose Av | San Jose | 2010-16 MetroCount Mechanical Update | 2020/05/04 22:31:25+00 |
| 3653 | 3653 | 3653 | 37.31066194 | -121.8731115 | 2016/05/12 00:00:00+00 | 5924 | San Jose Av | E of | Pomona Av | San Jose Av & Pomona Av | San Jose | 2010-16 MetroCount Mechanical Update | 2020/05/04 22:31:25+00 |
| 3847 | 3847 | 3847 | 37.31078503 | -121.8729209 | 2016/07/14 00:00:00+00 | 5534 | San Jose Av | E of | Pomona Av | San Jose Av & Pomona Av | San Jose | 2016 MetroCount Mechanical Update | 2020/05/04 22:31:26+00 |

| | | | | | | | | | | | | 06/24 | E/ZUZ. |
|--|--------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Intersection of : Monterey Rd & Phe | lan Av | | | | | | | | | | | | |
| Traffix Node Number : 3704 | | | | | | | | | | | | | |
| Permit No./Proposed Land Use/Description/Location | | M09 NBL | M08 NBT | M07 NBR | M03 SBL | M02 SBT | M01 SBR | M12 EBL | M11 EBT | M10 EBR | M06 WBL | M05 WBT | M04 WBF |
| H15-039 Retail/Commercial 1402 MONTEREY ROAD DCP | | 0 | 20 | 0 | 0 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 45 |
| H16-013 (3-10278) Retail/Commercial 353 W JULIAN ST RIVER CORPORATE CENTER BLDG 3 | | 0 | 20 | 0 | 0 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 45 |
| PDC02-066 (3-16147) Residential GOBLE LN & MONTEREY RD (SW/C) GOBLE LANE | | 0 | 16 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PDC10-026 (3-18541) Retail/Commercial E/SIDE MONTEREY HIGHWAY, SOUTH OF ALMA SUN GARDEN RETAIL CENTER | | 0 | 20 | 0 | 1 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| SP13-068 (3-18833) Office/Industrial 0 SOUTH 7TH STREET SAN JOSE CA 95112 VALLEY RECYCLING | | 0 | 0 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 1 |
| | TOTAL: | 0 | 76 | 7 | 3 | 131 | 0 | 0 | 0 | 0 | 4 | 0 | 93 |
| | | LEFT | г тн | RU R | IGHT | | | | | | | | |
| | NORTH | 3 | 13 | 31 | 0 | | | | | | | | |
| | EAST | 4 | (| C | 93 | | | | | | | | |
| | SOUTH | 0 | 7 | 6 | 7 | | | | | | | | |
| | WEST | 0 | (| С | 0 | | | | | | | | |

| PM PROJECT TRIPS | | | | | | | | | | | | 06/24 | 1/2021 |
|--|--------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Intersection of : Monterey Rd & Phe Traffix Node Number : 3704 | lan Av | | | | | | | | | | | | |
| Permit No./Proposed Land Use/Description/Location | | M09 NBL | M08 NBT | M07 NBR | M03 SBL | M02 SBT | M01 SBR | M12 EBL | M11 EBT | M10 EBR | M06 WBL | M05 WBT | M04 WBR |
| H15-039 Retail/Commercial 1402 MONTEREY ROAD DCP | | 0 | 10 | 0 | 0 | -14 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| H16-013 (3-10278) Retail/Commercial 353 W JULIAN ST RIVER CORPORATE CENTER BLDG 3 | | 0 | 10 | 0 | 0 | -14 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| PDC02-066 (3-16147) Residential GOBLE LN & MONTEREY RD (SW/C) GOBLE LANE | | 0 | 9 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PDC10-026 (3-18541) Retail/Commercial E/SIDE MONTEREY HIGHWAY, SOUTH OF ALMA SUN GARDEN RETAIL CENTER | | 0 | 32 | 0 | 4 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| SP13-068 (3-18833) Office/Industrial O SOUTH 7TH STREET SAN JOSE CA 95112 VALLEY RECYCLING | | 0 | 0 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 3 |
| | TOTAL: | 0 | 61 | 5 | 6 | 17 | 0 | 0 | 0 | 0 | 8 | 0 | 41 |
| | | LEFT | т тн | IRU RI | IGHT | | | | | | | | |
| | NORTH | 6 | 1 | .7 | 0 | | | | | | | | |
| | EAST | 8 | (| 0 | 41 | | | | | | | | |
| | SOUTH | 0 | 6 | 51 | 5 | | | | | | | | |

WEST 0 0 0

Attachment E

Synchro® Reports

| | 4 | ₽ | Ť | 1 | Ŧ |
|-------------------------|------|------|------|------|------|
| Lane Group | WBL | NBU | NBT | SBL | SBT |
| Lane Group Flow (vph) | 239 | 30 | 920 | 103 | 369 |
| v/c Ratio | 0.62 | 0.29 | 0.28 | 0.59 | 0.10 |
| Control Delay | 42.7 | 68.6 | 8.8 | 71.0 | 5.3 |
| Queue Delay | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Delay | 42.7 | 68.6 | 8.8 | 71.0 | 5.3 |
| Queue Length 50th (ft) | 64 | 26 | 98 | 88 | 31 |
| Queue Length 95th (ft) | 111 | 62 | 147 | 152 | 50 |
| Internal Link Dist (ft) | 272 | | 315 | | 205 |
| Turn Bay Length (ft) | 175 | 275 | | 175 | |
| Base Capacity (vph) | 1002 | 230 | 3314 | 502 | 3822 |
| Starvation Cap Reductn | 0 | 0 | 0 | 0 | 0 |
| Spillback Cap Reductn | 0 | 0 | 0 | 0 | 0 |
| Storage Cap Reductn | 0 | 0 | 0 | 0 | 0 |
| Reduced v/c Ratio | 0.24 | 0.13 | 0.28 | 0.21 | 0.10 |
| Intersection Summary | | | | | |

| | ∢ | • | ₽ | Ť | 1 | 1 | ŧ |
|--|--------------|-----------|-----------|------------|------|-----------|------------|
| Movement | WBL | WBR | NBU | NBT | NBR | SBL | SBT |
| Lane Configurations | ٦Y | | đ | ^ | | ٦ | ††† |
| Traffic Volume (veh/h) | 134 | 90 | 28 | 673 | 192 | 97 | 347 |
| Future Volume (veh/h) | 134 | 90 | 28 | 673 | 192 | 97 | 347 |
| Initial Q (Qb), veh | 0 | 0 | | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | 1.00 | 1.00 | | | 1.00 | 1.00 | |
| Parking Bus, Adj | 1.00 | 1.00 | | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | No | | | No | | | No |
| Adj Sat Flow, veh/h/ln | 1870 | 1870 | | 1870 | 1870 | 1870 | 1870 |
| Adj Flow Rate, veh/h | 120 | 121 | | 716 | 204 | 103 | 369 |
| Peak Hour Factor | 0.94 | 0.94 | | 0.94 | 0.94 | 0.94 | 0.94 |
| Percent Heavy Veh, % | 2 | 2 | | 2 | 2 | 2 | 2 |
| Cap, veh/h | 173 | 154 | | 2701 | 760 | 130 | 4107 |
| Arrive On Green | 0.10 | 0.10 | | 0.68 | 0.68 | 0.07 | 0.80 |
| Sat Flow, veh/h | 1781 | 1585 | | 4128 | 1114 | 1781 | 5274 |
| Grp Volume(v), veh/h | 120 | 121 | | 614 | 306 | 103 | 369 |
| Grp Sat Flow(s), veh/h/ln | 1781 | 1585 | | 1702 | 1670 | 1781 | 1702 |
| Q Serve(g_s), s | 7.9 | 9.1 | | 8.5 | 8.7 | 6.9 | 1.9 |
| Cycle Q Clear(g_c), s | 7.9 | 9.1 | | 8.5 | 8.7 | 6.9 | 1.9 |
| Prop In Lane | 1.00 | 1.00 | | 0.0 | 0.67 | 1.00 | 1.5 |
| Lane Grp Cap(c), veh/h | 173 | 154 | | 2322 | 1139 | 130 | 4107 |
| V/C Ratio(X) | 0.69 | 0.79 | | 0.26 | 0.27 | 0.79 | 0.09 |
| Avail Cap(c_a), veh/h | 541 | 481 | | 2322 | 1139 | 541 | 4107 |
| HCM Platoon Ratio | 1.00 | 1.00 | | 1.00 | 1.00 | 1.00 | 1.00 |
| Upstream Filter(I) | 1.00 | 1.00 | | 1.00 | 1.00 | 1.00 | 1.00 |
| Uniform Delay (d), s/veh | 53.2 | 53.8 | | 7.5 | 7.5 | 55.5 | 2.5 |
| Incr Delay (d2), s/veh | 4.9 | 8.5 | | 0.3 | 0.6 | 10.2 | 0.0 |
| Initial Q Delay(d3),s/veh | 0.0 | 0.0 | | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/ln | 3.8 | 0.0 | | 3.0 | 3.0 | 3.5 | 0.5 |
| Unsig. Movement Delay, s/vel | | 0.4 | | 0.0 | 0.0 | 0.0 | 0.0 |
| LnGrp Delay(d),s/veh | 58.2 | 62.3 | | 7.8 | 8.1 | 65.8 | 2.6 |
| LnGrp LOS | 50.2 E | 02.J E | | 7.0 A | A | 03.0 E | 2.0 A |
| Approach Vol, veh/h | 241 | L | | 920 | ~ | L | 472 |
| Approach Vol, ven/n Approach Delay, s/veh | 24 I 60.2 | | | 920 7.9 | | | 472 |
| Approach LOS | 00.2 E | | | | | | |
| Approach LOS | E | | | А | | | В |
| Timer - Assigned Phs | | 2 | | 4 | 5 | 6 | |
| Phs Duration (G+Y+Rc), s | | 104.0 | | 17.8 | 14.9 | 89.1 | |
| Change Period (Y+Rc), s | | 6.0 | | 6.0 | 6.0 | 6.0 | |
| Max Green Setting (Gmax), s | | 98.0 | | 37.0 | 37.0 | 78.0 | |
| Max Q Clear Time (g_c+I1), s | | 3.9 | | 11.1 | 8.9 | 10.7 | |
| Green Ext Time (p_c), s | | 2.7 | | 0.7 | 0.3 | 7.4 | |
| Intersection Summary | | | | | | | |
| HCM 6th Ctrl Delay | | | 18.1 | | | | |
| HCM 6th LOS | | | 10.1 B | | | | |
| | | | D | | | | |
| Notes | | | | | | | |

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|-------------------------|------|------|------|------|------|
| Lane Group | WBL | NBU | NBT | SBL | SBT |
| Lane Group Flow (vph) | 417 | 17 | 966 | 168 | 1129 |
| v/c Ratio | 0.67 | 0.14 | 0.39 | 0.62 | 0.33 |
| Control Delay | 27.3 | 45.1 | 13.9 | 46.4 | 7.8 |
| Queue Delay | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Delay | 27.3 | 45.1 | 13.9 | 46.4 | 7.8 |
| Queue Length 50th (ft) | 61 | 8 | 102 | 82 | 66 |
| Queue Length 95th (ft) | 124 | 32 | 175 | 165 | 166 |
| Internal Link Dist (ft) | 272 | | 315 | | 205 |
| Turn Bay Length (ft) | 175 | 275 | | 175 | |
| Base Capacity (vph) | 1087 | 140 | 2487 | 521 | 3399 |
| Starvation Cap Reductn | 0 | 0 | 0 | 0 | 0 |
| Spillback Cap Reductn | 0 | 0 | 0 | 0 | 0 |
| Storage Cap Reductn | 0 | 0 | 0 | 0 | 0 |
| Reduced v/c Ratio | 0.38 | 0.12 | 0.39 | 0.32 | 0.33 |
| Intersection Summary | | | | | |

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|------------------------------|-----------|-----------|------|-------------|------|-----------|------------|--|
| Movement | WBL | WBR | NBU | NBT | NBR | SBL | SBT | |
| Lane Configurations | ٦Y | | đ | <u>ተተ</u> ኑ | | ኘ | ††† | |
| Traffic Volume (veh/h) | 213 | 170 | 16 | 677 | 212 | 155 | 1039 | |
| Future Volume (veh/h) | 213 | 170 | 16 | 677 | 212 | 155 | 1039 | |
| Initial Q (Qb), veh | 0 | 0 | | 0 | 0 | 0 | 0 | |
| Ped-Bike Adj(A_pbT) | 1.00 | 1.00 | | | 1.00 | 1.00 | | |
| Parking Bus, Adj | 1.00 | 1.00 | | 1.00 | 1.00 | 1.00 | 1.00 | |
| Work Zone On Approach | No | | | No | | | No | |
| Adj Sat Flow, veh/h/ln | 1870 | 1870 | | 1870 | 1870 | 1870 | 1870 | |
| Adj Flow Rate, veh/h | 208 | 210 | | 736 | 230 | 168 | 1129 | |
| Peak Hour Factor | 0.92 | 0.92 | | 0.92 | 0.92 | 0.92 | 0.92 | |
| Percent Heavy Veh, % | 2 | 2 | | 2 | 2 | 2 | 2 | |
| Cap, veh/h | 293 | 261 | | 1956 | 604 | 209 | 3544 | |
| Arrive On Green | 0.16 | 0.16 | | 0.51 | 0.51 | 0.12 | 0.69 | |
| Sat Flow, veh/h | 1781 | 1585 | | 4034 | 1194 | 1781 | 5274 | |
| Grp Volume(v), veh/h | 208 | 210 | | 647 | 319 | 168 | 1129 | |
| Grp Sat Flow(s),veh/h/ln | 1781 | 1585 | | 1702 | 1655 | 1781 | 1702 | |
| Q Serve(g_s), s | 9.4 | 10.8 | | 9.9 | 10.0 | 7.8 | 7.4 | |
| Cycle Q Clear(g_c), s | 9.4 | 10.8 | | 9.9 | 10.0 | 7.8 | 7.4 | |
| Prop In Lane | 1.00 | 1.00 | | 0.0 | 0.72 | 1.00 | ••• | |
| Lane Grp Cap(c), veh/h | 293 | 261 | | 1722 | 838 | 209 | 3544 | |
| V/C Ratio(X) | 0.71 | 0.80 | | 0.38 | 0.38 | 0.80 | 0.32 | |
| Avail Cap(c_a), veh/h | 545 | 485 | | 1722 | 838 | 545 | 3544 | |
| HCM Platoon Ratio | 1.00 | 1.00 | | 1.00 | 1.00 | 1.00 | 1.00 | |
| Upstream Filter(I) | 1.00 | 1.00 | | 1.00 | 1.00 | 1.00 | 1.00 | |
| Uniform Delay (d), s/veh | 33.6 | 34.2 | | 12.8 | 12.9 | 36.5 | 5.1 | |
| Incr Delay (d2), s/veh | 3.2 | 5.7 | | 0.6 | 1.3 | 7.0 | 0.2 | |
| Initial Q Delay(d3),s/veh | 0.0 | 0.0 | | 0.0 | 0.0 | 0.0 | 0.0 | |
| %ile BackOfQ(50%),veh/ln | 4.3 | 0.4 | | 3.6 | 3.7 | 3.7 | 2.1 | |
| Unsig. Movement Delay, s/veh | | 0.7 | | 0.0 | 0.1 | 0.1 | <u> </u> | |
| LnGrp Delay(d),s/veh | 36.7 | 39.9 | | 13.4 | 14.2 | 43.5 | 5.3 | |
| LnGrp LOS | D | 00.0 D | | 13.4 B | B | чэ.5 D | 0.0 A | |
| Approach Vol, veh/h | 418 | | | 966 | | | 1297 | |
| Approach Delay, s/veh | 38.3 | | | 13.7 | | | 10.3 | |
| Approach LOS | 30.3 D | | | 13.7 B | | | 10.3 B | |
| | U | | | D | | | D | |
| Timer - Assigned Phs | | 2 | | 4 | 5 | 6 | | |
| Phs Duration (G+Y+Rc), s | | 65.0 | | 20.0 | 16.0 | 49.0 | | |
| Change Period (Y+Rc), s | | 6.0 | | 6.0 | 6.0 | 6.0 | | |
| Max Green Setting (Gmax), s | | 59.0 | | 26.0 | 26.0 | 40.0 | | |
| Max Q Clear Time (g_c+I1), s | | 9.4 | | 12.8 | 9.8 | 12.0 | | |
| Green Ext Time (p_c), s | | 10.3 | | 1.2 | 0.4 | 7.2 | | |
| Intersection Summary | | | | | | | | |
| HCM 6th Ctrl Delay | | | 15.9 | | | | | |
| HCM 6th LOS | | | B | | | | | |
| Notes | | | U | | | | | |

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|-------------------------|------|------|------|------|------|
| Lane Group | WBL | NBU | NBT | SBL | SBT |
| Lane Group Flow (vph) | 244 | 31 | 940 | 105 | 377 |
| v/c Ratio | 0.63 | 0.30 | 0.28 | 0.59 | 0.10 |
| Control Delay | 43.9 | 68.9 | 9.0 | 71.3 | 5.4 |
| Queue Delay | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Delay | 43.9 | 68.9 | 9.0 | 71.3 | 5.4 |
| Queue Length 50th (ft) | 67 | 27 | 102 | 90 | 32 |
| Queue Length 95th (ft) | 115 | 63 | 153 | 155 | 52 |
| Internal Link Dist (ft) | 272 | | 315 | | 205 |
| Turn Bay Length (ft) | 175 | 275 | | 175 | |
| Base Capacity (vph) | 999 | 230 | 3305 | 501 | 3814 |
| Starvation Cap Reductn | 0 | 0 | 0 | 0 | 0 |
| Spillback Cap Reductn | 0 | 0 | 0 | 0 | 0 |
| Storage Cap Reductn | 0 | 0 | 0 | 0 | 0 |
| Reduced v/c Ratio | 0.24 | 0.13 | 0.28 | 0.21 | 0.10 |
| Intersection Summary | | | | | |

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|------------------------------|------|-------|------|-------------|------|------|--------------|
| Movement | WBL | WBR | NBU | NBT | NBR | SBL | SBT |
| Lane Configurations | ٦Y | | Ą | ≜ ≜¢ | | ሻ | ††† |
| Traffic Volume (veh/h) | 137 | 92 | 29 | 687 | 196 | 99 | 354 |
| Future Volume (veh/h) | 137 | 92 | 29 | 687 | 196 | 99 | 354 |
| Initial Q (Qb), veh | 0 | 0 | | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | 1.00 | 1.00 | | - | 1.00 | 1.00 | - |
| Parking Bus, Adj | 1.00 | 1.00 | | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | No | | | No | | | No |
| Adj Sat Flow, veh/h/ln | 1870 | 1870 | | 1870 | 1870 | 1870 | 1870 |
| Adj Flow Rate, veh/h | 122 | 124 | | 731 | 209 | 105 | 377 |
| Peak Hour Factor | 0.94 | 0.94 | | 0.94 | 0.94 | 0.94 | 0.94 |
| Percent Heavy Veh, % | 2 | 2 | | 2 | 2 | 2 | 2 |
| Cap, veh/h | 176 | 157 | | 2687 | 759 | 132 | 4099 |
| Arrive On Green | 0.10 | 0.10 | | 0.68 | 0.68 | 0.07 | 0.80 |
| Sat Flow, veh/h | 1781 | 1585 | | 4124 | 1118 | 1781 | 0.80 5274 |
| | | | | | | | |
| Grp Volume(v), veh/h | 122 | 124 | | 628 | 312 | 105 | 377 |
| Grp Sat Flow(s),veh/h/ln | 1781 | 1585 | | 1702 | 1669 | 1781 | 1702 |
| Q Serve(g_s), s | 8.1 | 9.3 | | 8.9 | 9.0 | 7.1 | 1.9 |
| Cycle Q Clear(g_c), s | 8.1 | 9.3 | | 8.9 | 9.0 | 7.1 | 1.9 |
| Prop In Lane | 1.00 | 1.00 | | | 0.67 | 1.00 | |
| Lane Grp Cap(c), veh/h | 176 | 157 | | 2312 | 1134 | 132 | 4099 |
| V/C Ratio(X) | 0.69 | 0.79 | | 0.27 | 0.28 | 0.79 | 0.09 |
| Avail Cap(c_a), veh/h | 540 | 480 | | 2312 | 1134 | 540 | 4099 |
| HCM Platoon Ratio | 1.00 | 1.00 | | 1.00 | 1.00 | 1.00 | 1.00 |
| Upstream Filter(I) | 1.00 | 1.00 | | 1.00 | 1.00 | 1.00 | 1.00 |
| Uniform Delay (d), s/veh | 53.2 | 53.8 | | 7.7 | 7.7 | 55.6 | 2.6 |
| Incr Delay (d2), s/veh | 4.8 | 8.5 | | 0.3 | 0.6 | 10.2 | 0.0 |
| Initial Q Delay(d3),s/veh | 0.0 | 0.0 | | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/In | 3.9 | 8.4 | | 3.1 | 3.2 | 3.5 | 0.5 |
| Unsig. Movement Delay, s/veh | | | | | | | |
| LnGrp Delay(d),s/veh | 58.0 | 62.3 | | 8.0 | 8.3 | 65.7 | 2.6 |
| LnGrp LOS | E | E | | А | А | E | А |
| Approach Vol, veh/h | 246 | | | 940 | | | 482 |
| Approach Delay, s/veh | 60.2 | | | 8.1 | | | 16.4 |
| Approach LOS | E | | | A | | | В |
| | _ | | | | _ | - | _ |
| Timer - Assigned Phs | | 2 | | 4 | 5 | 6 | |
| Phs Duration (G+Y+Rc), s | | 104.0 | | 18.1 | 15.1 | 88.9 | |
| Change Period (Y+Rc), s | | 6.0 | | 6.0 | 6.0 | 6.0 | |
| Max Green Setting (Gmax), s | | 98.0 | | 37.0 | 37.0 | 78.0 | |
| Max Q Clear Time (g_c+I1), s | | 3.9 | | 11.3 | 9.1 | 11.0 | |
| Green Ext Time (p_c), s | | 2.8 | | 0.8 | 0.3 | 7.7 | |
| Intersection Summary | | | | | | | |
| HCM 6th Ctrl Delay | | | 18.2 | | | | |
| HCM 6th LOS | | | В | | | | |
| Notes | | | | | | | |

| | 4 | ₹Ĩ | Ť | 1 | Ļ |
|-------------------------|------|------|------|------|------|
| Lane Group | WBL | NBU | NBT | SBL | SBT |
| Lane Group Flow (vph) | 424 | 17 | 986 | 172 | 1152 |
| v/c Ratio | 0.68 | 0.14 | 0.40 | 0.63 | 0.34 |
| Control Delay | 27.7 | 45.3 | 14.3 | 46.5 | 7.9 |
| Queue Delay | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Delay | 27.7 | 45.3 | 14.3 | 46.5 | 7.9 |
| Queue Length 50th (ft) | 63 | 9 | 106 | 85 | 68 |
| Queue Length 95th (ft) | 127 | 33 | 182 | 168 | 172 |
| Internal Link Dist (ft) | 272 | | 315 | | 205 |
| Turn Bay Length (ft) | 175 | 275 | | 175 | |
| Base Capacity (vph) | 1084 | 139 | 2470 | 519 | 3393 |
| Starvation Cap Reductn | 0 | 0 | 0 | 0 | 0 |
| Spillback Cap Reductn | 0 | 0 | 0 | 0 | 0 |
| Storage Cap Reductn | 0 | 0 | 0 | 0 | 0 |
| Reduced v/c Ratio | 0.39 | 0.12 | 0.40 | 0.33 | 0.34 |
| Intersection Summary | | | | | |

| | 4 | • | ₽ | Ť | 1 | 1 | ţ | |
|------------------------------|------|------|------------|-------------|------|------|------------|--|
| Movement | WBL | WBR | NBU | NBT | NBR | SBL | SBT | |
| Lane Configurations | ٦Y | | Ą | ≜ ≜¢ | | ሻ | ††† | |
| Traffic Volume (veh/h) | 217 | 173 | 16 | 691 | 216 | 158 | 1060 | |
| Future Volume (veh/h) | 217 | 173 | 16 | 691 | 216 | 158 | 1060 | |
| Initial Q (Qb), veh | 0 | 0 | | 0 | 0 | 0 | 0 | |
| Ped-Bike Adj(A_pbT) | 1.00 | 1.00 | | | 1.00 | 1.00 | | |
| Parking Bus, Adj | 1.00 | 1.00 | | 1.00 | 1.00 | 1.00 | 1.00 | |
| Work Zone On Approach | No | | | No | | | No | |
| Adj Sat Flow, veh/h/ln | 1870 | 1870 | | 1870 | 1870 | 1870 | 1870 | |
| Adj Flow Rate, veh/h | 212 | 214 | | 751 | 235 | 172 | 1152 | |
| Peak Hour Factor | 0.92 | 0.92 | | 0.92 | 0.92 | 0.92 | 0.92 | |
| Percent Heavy Veh, % | 2 | 2 | | 2 | 2 | 2 | 2 | |
| Cap, veh/h | 298 | 265 | | 1938 | 600 | 214 | 3534 | |
| Arrive On Green | 0.17 | 0.17 | | 0.50 | 0.50 | 0.12 | 0.69 | |
| Sat Flow, veh/h | 1781 | 1585 | | 4032 | 1196 | 1781 | 5274 | |
| Grp Volume(v), veh/h | 212 | 214 | | 661 | 325 | 172 | 1152 | |
| Grp Sat Flow(s),veh/h/ln | 1781 | 1585 | | 1702 | 1655 | 1781 | 1702 | |
| Q Serve(g_s), s | 9.6 | 11.1 | | 10.2 | 10.4 | 8.0 | 7.6 | |
| Cycle Q Clear(g_c), s | 9.6 | 11.1 | | 10.2 | 10.4 | 8.0 | 7.6 | |
| Prop In Lane | 1.00 | 1.00 | | | 0.72 | 1.00 | | |
| Lane Grp Cap(c), veh/h | 298 | 265 | | 1708 | 830 | 214 | 3534 | |
| V/C Ratio(X) | 0.71 | 0.81 | | 0.39 | 0.39 | 0.80 | 0.33 | |
| Avail Cap(c_a), veh/h | 543 | 483 | | 1708 | 830 | 543 | 3534 | |
| HCM Platoon Ratio | 1.00 | 1.00 | | 1.00 | 1.00 | 1.00 | 1.00 | |
| Upstream Filter(I) | 1.00 | 1.00 | | 1.00 | 1.00 | 1.00 | 1.00 | |
| Uniform Delay (d), s/veh | 33.6 | 34.2 | | 13.1 | 13.2 | 36.5 | 5.2 | |
| Incr Delay (d2), s/veh | 3.1 | 5.8 | | 0.7 | 1.4 | 6.9 | 0.2 | |
| Initial Q Delay(d3),s/veh | 0.0 | 0.0 | | 0.0 | 0.0 | 0.0 | 0.0 | |
| %ile BackOfQ(50%),veh/In | 4.4 | 9.7 | | 3.7 | 3.8 | 3.8 | 2.1 | |
| Unsig. Movement Delay, s/vel | n | | | | | | | |
| LnGrp Delay(d),s/veh | 36.7 | 39.9 | | 13.8 | 14.6 | 43.5 | 5.5 | |
| LnGrp LOS | D | D | | В | В | D | А | |
| Approach Vol, veh/h | 426 | | | 986 | | | 1324 | |
| Approach Delay, s/veh | 38.3 | | | 14.1 | | | 10.4 | |
| Approach LOS | D | | | В | | | В | |
| Timer - Assigned Phs | | 2 | | 4 | 5 | 6 | | |
| Phs Duration (G+Y+Rc), s | | 65.0 | | 20.3 | 16.2 | 48.8 | | |
| Change Period (Y+Rc), s | | 6.0 | | 6.0 | 6.0 | 6.0 | | |
| Max Green Setting (Gmax), s | | 59.0 | | 26.0 | 26.0 | 40.0 | | |
| Max Q Clear Time (g_c+I1), s | | 9.6 | | 13.1 | 10.0 | 12.4 | | |
| Green Ext Time (p_c), s | | 10.6 | | 1.2 | 0.4 | 7.3 | | |
| Intersection Summary | | | | | | | | |
| HCM 6th Ctrl Delay | | | 16.1 | | | | | |
| HCM 6th LOS | | | В | | | | | |
| Notes | | | . . | | | | | |

| | ∢ | ₽ | Ť | 1 | Ŧ |
|-------------------------|------|------|------|------|------|
| Lane Group | WBL | NBU | NBT | SBL | SBT |
| Lane Group Flow (vph) | 244 | 31 | 940 | 105 | 377 |
| v/c Ratio | 0.63 | 0.30 | 0.28 | 0.59 | 0.10 |
| Control Delay | 43.9 | 68.9 | 9.0 | 71.3 | 5.4 |
| Queue Delay | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Delay | 43.9 | 68.9 | 9.0 | 71.3 | 5.4 |
| Queue Length 50th (ft) | 67 | 27 | 102 | 90 | 32 |
| Queue Length 95th (ft) | 115 | 63 | 153 | 155 | 52 |
| Internal Link Dist (ft) | 272 | | 315 | | 205 |
| Turn Bay Length (ft) | 175 | 275 | | 175 | |
| Base Capacity (vph) | 999 | 230 | 3305 | 501 | 3814 |
| Starvation Cap Reductn | 0 | 0 | 0 | 0 | 0 |
| Spillback Cap Reductn | 0 | 0 | 0 | 0 | 0 |
| Storage Cap Reductn | 0 | 0 | 0 | 0 | 0 |
| Reduced v/c Ratio | 0.24 | 0.13 | 0.28 | 0.21 | 0.10 |
| Intersection Summary | | | | | |

| | ∢ | • | ₹Ĩ | Ť | 1 | 1 | ŧ |
|---------------------------------|-------------|-------|------|-------------|-------------|------|-------------|
| Movement | WBL | WBR | NBU | NBT | NBR | SBL | SBT |
| Lane Configurations | ٦Y | | đ | ≜ †₽ | | ٦ | † †† |
| Traffic Volume (veh/h) | 137 | 92 | 29 | 687 | 196 | 99 | 354 |
| Future Volume (veh/h) | 137 | 92 | 29 | 687 | 196 | 99 | 354 |
| Initial Q (Qb), veh | 0 | 0 | | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | 1.00 | 1.00 | | - | 1.00 | 1.00 | - |
| Parking Bus, Adj | 1.00 | 1.00 | | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | No | | | No | | | No |
| Adj Sat Flow, veh/h/ln | 1870 | 1870 | | 1870 | 1870 | 1870 | 1870 |
| Adj Flow Rate, veh/h | 122 | 124 | | 731 | 209 | 105 | 377 |
| Peak Hour Factor | 0.94 | 0.94 | | 0.94 | 0.94 | 0.94 | 0.94 |
| Percent Heavy Veh, % | 2 | 2 | | 2 | 2 | 2 | 2 |
| Cap, veh/h | 176 | 157 | | 2687 | 759 | 132 | 4099 |
| Arrive On Green | 0.10 | 0.10 | | 0.68 | 0.68 | 0.07 | 0.80 |
| Sat Flow, veh/h | 1781 | 1585 | | 4124 | 1118 | 1781 | 5274 |
| Grp Volume(v), veh/h | 122 | 124 | | 628 | 312 | 105 | 377 |
| Grp Sat Flow(s), veh/h/ln | 1781 | 1585 | | 1702 | 1669 | 1781 | 1702 |
| | 8.1 | 9.3 | | 8.9 | 9.0 | 7.1 | 1.9 |
| Q Serve(g_s), s | 8.1 | 9.3 | | 8.9 | 9.0 | 7.1 | 1.9 |
| Cycle Q Clear(g_c), s | 0.1 1.00 | 9.5 | | 0.9 | 9.0 0.67 | 1.00 | 1.9 |
| Prop In Lane | | 1.00 | | 2312 | 1134 | 132 | 4000 |
| Lane Grp Cap(c), veh/h | 176 | | | | | | 4099 |
| V/C Ratio(X) | 0.69 | 0.79 | | 0.27 | 0.28 | 0.79 | 0.09 |
| Avail Cap(c_a), veh/h | 540 | 480 | | 2312 | 1134 | 540 | 4099 |
| HCM Platoon Ratio | 1.00 | 1.00 | | 1.00 | 1.00 | 1.00 | 1.00 |
| Upstream Filter(I) | 1.00 | 1.00 | | 1.00 | 1.00 | 1.00 | 1.00 |
| Uniform Delay (d), s/veh | 53.2 | 53.8 | | 7.7 | 7.7 | 55.6 | 2.6 |
| Incr Delay (d2), s/veh | 4.8 | 8.5 | | 0.3 | 0.6 | 10.2 | 0.0 |
| Initial Q Delay(d3),s/veh | 0.0 | 0.0 | | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/In | 3.9 | 8.4 | | 3.1 | 3.2 | 3.5 | 0.5 |
| Unsig. Movement Delay, s/veh | | | | | | | |
| LnGrp Delay(d),s/veh | 58.0 | 62.3 | | 8.0 | 8.3 | 65.7 | 2.6 |
| LnGrp LOS | E | E | | A | А | E | A |
| Approach Vol, veh/h | 246 | | | 940 | | | 482 |
| Approach Delay, s/veh | 60.2 | | | 8.1 | | | 16.4 |
| Approach LOS | E | | | А | | | В |
| Timer - Assigned Phs | | 2 | | 4 | 5 | 6 | |
| Phs Duration (G+Y+Rc), s | | 104.0 | | | 15.1 | 88.9 | |
| Change Period (Y+Rc), s | | 6.0 | | 6.0 | 6.0 | 6.0 | |
| Max Green Setting (Gmax), s | | 98.0 | | 37.0 | 37.0 | 78.0 | |
| Max Q Clear Time (g_c+11) , s | | 3.9 | | 11.3 | 9.1 | 11.0 | |
| Green Ext Time (p_c), s | | 2.8 | | 0.8 | 0.3 | 7.7 | |
| $\mathbf{u} = \gamma$ | | 2.0 | | 0.0 | 0.0 | 1.1 | |
| Intersection Summary | | | 40.0 | | | | |
| HCM 6th Ctrl Delay | | | 18.2 | | | | |
| HCM 6th LOS | | | В | | | | |
| Notes | | | | | | | |

| Int Delay, s/veh | 0.2 | | | | | |
|------------------------|------|------|------|------|------|------|
| Movement | WBL | WBR | NBT | NBR | SBL | SBT |
| Lane Configurations | ٦ | | et 👘 | | | 1 |
| Traffic Vol, veh/h | 4 | 0 | 57 | 1 | 0 | 90 |
| Future Vol, veh/h | 4 | 0 | 57 | 1 | 0 | 90 |
| 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 | - | - | - | - | - |
| Veh in Median Storage | ,# 0 | - | 0 | - | - | 0 |
| Grade, % | 0 | - | 0 | - | - | 0 |
| Peak Hour Factor | 95 | 95 | 95 | 95 | 95 | 95 |
| Heavy Vehicles, % | 2 | 2 | 2 | 2 | 2 | 2 |
| Mvmt Flow | 4 | 0 | 60 | 1 | 0 | 95 |

| Major/Minor | Minor1 | Maj | jor1 | Maj | or2 | |
|----------------------|--------|-----|------|-----|-----|---|
| Conflicting Flow All | 156 | - | 0 | 0 | - | - |
| Stage 1 | 61 | - | - | - | - | - |
| Stage 2 | 95 | - | - | - | - | - |
| Critical Hdwy | 6.42 | - | - | - | - | - |
| Critical Hdwy Stg 1 | 5.42 | - | - | - | - | - |
| Critical Hdwy Stg 2 | 5.42 | - | - | - | - | - |
| Follow-up Hdwy | 3.518 | - | - | - | - | - |
| Pot Cap-1 Maneuver | 835 | 0 | - | - | 0 | - |
| Stage 1 | 962 | 0 | - | - | 0 | - |
| Stage 2 | 929 | 0 | - | - | 0 | - |
| Platoon blocked, % | | | - | - | | - |
| Mov Cap-1 Maneuver | | - | - | - | - | - |
| Mov Cap-2 Maneuver | | - | - | - | - | - |
| Stage 1 | 962 | - | - | - | - | - |
| Stage 2 | 929 | - | - | - | - | - |
| | | | | | | |

| Approach | WB | NB | SB |
|----------------------|-----|----|----|
| HCM Control Delay, s | 9.3 | 0 | 0 |
| HCM LOS | А | | |

| Minor Lane/Major Mvmt | NBT | NBRW | /BLn1 | SBT |
|-----------------------|-----|------|-------|-----|
| Capacity (veh/h) | - | - | 835 | - |
| HCM Lane V/C Ratio | - | - | 0.005 | - |
| HCM Control Delay (s) | - | - | 9.3 | - |
| HCM Lane LOS | - | - | А | - |
| HCM 95th %tile Q(veh) | - | - | 0 | - |

| Int Delay, s/veh | 0.3 | | | | | |
|------------------------|------|------|------|------|------|------|
| Movement | WBL | WBR | NBT | NBR | SBL | SBT |
| Lane Configurations | ٦ | | et – | | | 1 |
| Traffic Vol, veh/h | 5 | 0 | 56 | 1 | 0 | 85 |
| Future Vol, veh/h | 5 | 0 | 56 | 1 | 0 | 85 |
| 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 | - | - | - | - | - |
| Veh in Median Storage | ,# 0 | - | 0 | - | - | 0 |
| Grade, % | 0 | - | 0 | - | - | 0 |
| Peak Hour Factor | 95 | 95 | 95 | 95 | 95 | 95 |
| Heavy Vehicles, % | 2 | 2 | 2 | 2 | 2 | 2 |
| Mvmt Flow | 5 | 0 | 59 | 1 | 0 | 89 |

| Major/Minor | Minor1 | Ма | jor1 | Ма | jor2 | |
|----------------------|--------|----|------|----|------|---|
| Conflicting Flow All | 149 | - | 0 | 0 | - | - |
| Stage 1 | 60 | - | - | - | - | - |
| Stage 2 | 89 | - | - | - | - | - |
| Critical Hdwy | 6.42 | - | - | - | - | - |
| Critical Hdwy Stg 1 | 5.42 | - | - | - | - | - |
| Critical Hdwy Stg 2 | 5.42 | - | - | - | - | - |
| Follow-up Hdwy | 3.518 | - | - | - | - | - |
| Pot Cap-1 Maneuver | 843 | 0 | - | - | 0 | - |
| Stage 1 | 963 | 0 | - | - | 0 | - |
| Stage 2 | 934 | 0 | - | - | 0 | - |
| Platoon blocked, % | | | - | - | | - |
| Mov Cap-1 Maneuver | | - | - | - | - | - |
| Mov Cap-2 Maneuver | 843 | - | - | - | - | - |
| Stage 1 | 963 | - | - | - | - | - |
| Stage 2 | 934 | - | - | - | - | - |
| | | | | | | |

| Approach | WB | NB | SB |
|----------------------|-----|----|----|
| HCM Control Delay, s | 9.3 | 0 | 0 |
| HCM LOS | А | | |

| Minor Lane/Major Mvmt | NBT | NBRW | /BLn1 | SBT |
|-----------------------|-----|------|-------|-----|
| Capacity (veh/h) | - | - | 843 | - |
| HCM Lane V/C Ratio | - | - | 0.006 | - |
| HCM Control Delay (s) | - | - | 9.3 | - |
| HCM Lane LOS | - | - | А | - |
| HCM 95th %tile Q(veh) | - | - | 0 | - |

| Int Delay, s/veh | 0 | | | | | |
|------------------------|------|------|------|----------|------|------|
| Movement | EBL | EBR | NBL | NBT | SBT | SBR |
| Lane Configurations | | 1 | | ^ | 朴朴 | |
| Traffic Vol, veh/h | 0 | 0 | 0 | 779 | 453 | 11 |
| Future Vol, veh/h | 0 | 0 | 0 | 779 | 453 | 11 |
| 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 | - | - | - | - |
| Veh in Median Storage, | # 0 | - | - | 0 | 0 | - |
| Grade, % | 0 | - | - | 0 | 0 | - |
| Peak Hour Factor | 95 | 95 | 95 | 95 | 95 | 95 |
| Heavy Vehicles, % | 2 | 2 | 2 | 2 | 2 | 2 |
| Mvmt Flow | 0 | 0 | 0 | 820 | 477 | 12 |

| Major/Minor | Minor2 | Ν | lajor1 | Ма | ijor2 | |
|----------------------|--------|------|--------|----|-------|---|
| Conflicting Flow All | - | 245 | - | 0 | - | 0 |
| Stage 1 | - | - | - | - | - | - |
| Stage 2 | - | - | - | - | - | - |
| Critical Hdwy | - | 7.14 | - | - | - | - |
| Critical Hdwy Stg 1 | - | - | - | - | - | - |
| Critical Hdwy Stg 2 | - | - | - | - | - | - |
| Follow-up Hdwy | - | 3.92 | - | - | - | - |
| Pot Cap-1 Maneuver | 0 | 644 | 0 | - | - | - |
| Stage 1 | 0 | - | 0 | - | - | - |
| Stage 2 | 0 | - | 0 | - | - | - |
| Platoon blocked, % | | | | - | - | - |
| Mov Cap-1 Maneuve | r - | 644 | - | - | - | - |
| Mov Cap-2 Maneuve | r - | - | - | - | - | - |
| Stage 1 | - | - | - | - | - | - |
| Stage 2 | - | - | - | - | - | - |
| | | | | | | |
| Approach | EB | | NB | | SB | |
| HCM Control Delay, | s 0 | | 0 | | 0 | |

HCM LOS А

| Minor Lane/Major Mvmt | NBT EBLn1 | SBT | SBR |
|-----------------------|-----------|-----|-----|
| Capacity (veh/h) | | - | - |
| HCM Lane V/C Ratio | | - | - |
| HCM Control Delay (s) | - 0 | - | - |
| HCM Lane LOS | - A | - | - |
| HCM 95th %tile Q(veh) | | - | - |

| | 4 | ₽ | t | 1 | ţ |
|-------------------------|------|------|------|------|------|
| Lane Group | WBL | NBU | NBT | SBL | SBT |
| Lane Group Flow (vph) | 424 | 17 | 986 | 172 | 1152 |
| v/c Ratio | 0.68 | 0.14 | 0.40 | 0.63 | 0.34 |
| Control Delay | 27.7 | 45.3 | 14.3 | 46.5 | 7.9 |
| Queue Delay | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Delay | 27.7 | 45.3 | 14.3 | 46.5 | 7.9 |
| Queue Length 50th (ft) | 63 | 9 | 106 | 85 | 68 |
| Queue Length 95th (ft) | 127 | 33 | 182 | 168 | 172 |
| Internal Link Dist (ft) | 272 | | 315 | | 205 |
| Turn Bay Length (ft) | 175 | 275 | | 175 | |
| Base Capacity (vph) | 1084 | 139 | 2470 | 519 | 3393 |
| Starvation Cap Reductn | 0 | 0 | 0 | 0 | 0 |
| Spillback Cap Reductn | 0 | 0 | 0 | 0 | 0 |
| Storage Cap Reductn | 0 | 0 | 0 | 0 | 0 |
| Reduced v/c Ratio | 0.39 | 0.12 | 0.40 | 0.33 | 0.34 |
| Intersection Summary | | | | | |

| | ∢ | ۰. | ₹Ĩ | t | 1 | 1 | ŧ |
|---------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| Movement | WBL | WBR | NBU | NBT | NBR | SBL | SBT |
| Lane Configurations | ሻቸ | | Ą | ₽₽₽ | | ሻ | ††† |
| Traffic Volume (veh/h) | 217 | 173 | 16 | 691 | 216 | 158 | 1060 |
| Future Volume (veh/h) | 217 | 173 | 16 | 691 | 216 | 158 | 1060 |
| Initial Q (Qb), veh | 0 | 0 | | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A pbT) | 1.00 | 1.00 | | | 1.00 | 1.00 | |
| Parking Bus, Adj | 1.00 | 1.00 | | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | No | | | No | | | No |
| Adj Sat Flow, veh/h/ln | 1870 | 1870 | | 1870 | 1870 | 1870 | 1870 |
| Adj Flow Rate, veh/h | 212 | 214 | | 751 | 235 | 172 | 1152 |
| Peak Hour Factor | 0.92 | 0.92 | | 0.92 | 0.92 | 0.92 | 0.92 |
| Percent Heavy Veh, % | 2 | 2 | | 2 | 2 | 2 | 2 |
| Cap, veh/h | 298 | 265 | | 1938 | 600 | 214 | 3534 |
| Arrive On Green | 0.17 | 0.17 | | 0.50 | 0.50 | 0.12 | 0.69 |
| Sat Flow, veh/h | 1781 | 1585 | | 4032 | 1196 | 1781 | 5274 |
| Grp Volume(v), veh/h | 212 | 214 | | 661 | 325 | 172 | 1152 |
| Grp Sat Flow(s), veh/h/ln | 1781 | 1585 | | 1702 | 1655 | 1781 | 1702 |
| Q Serve(g_s), s | 9.6 | 11.1 | | 10.2 | 10.4 | 8.0 | 7.6 |
| Cycle Q Clear(g_c), s | 9.6 | 11.1 | | 10.2 | 10.4 | 8.0 | 7.6 |
| Prop In Lane | 1.00 | 1.00 | | 10.2 | 0.72 | 1.00 | 1.0 |
| Lane Grp Cap(c), veh/h | 298 | 265 | | 1708 | 830 | 214 | 3534 |
| V/C Ratio(X) | 0.71 | 0.81 | | 0.39 | 0.39 | 0.80 | 0.33 |
| Avail Cap(c_a), veh/h | 543 | 483 | | 1708 | 830 | 543 | 3534 |
| HCM Platoon Ratio | 1.00 | 1.00 | | 1.00 | 1.00 | 1.00 | 1.00 |
| Upstream Filter(I) | 1.00 | 1.00 | | 1.00 | 1.00 | 1.00 | 1.00 |
| Uniform Delay (d), s/veh | 33.6 | 34.2 | | 13.1 | 13.2 | 36.5 | 5.2 |
| Incr Delay (d2), s/veh | 3.1 | 5.8 | | 0.7 | 1.4 | 6.9 | 0.2 |
| Initial Q Delay(d3),s/veh | 0.0 | 0.0 | | 0.0 | 0.0 | 0.0 | 0.2 |
| %ile BackOfQ(50%),veh/ln | 4.4 | 9.7 | | 3.7 | 3.8 | 3.8 | 2.1 |
| Unsig. Movement Delay, s/ve | | 5.1 | | J.1 | 5.0 | 5.0 | ۷.۱ |
| LnGrp Delay(d),s/veh | 36.7 | 39.9 | | 13.8 | 14.6 | 43.5 | 5.5 |
| LnGrp LOS | 30.7 D | 39.9 D | | 13.0 B | 14.0 B | 43.5 D | 5.5 A |
| | 426 | U | | 986 | D | U | 1324 |
| Approach Vol, veh/h | | | | | | | |
| Approach Delay, s/veh | 38.3 | | | 14.1 D | | | 10.4 |
| Approach LOS | D | | | В | | | В |
| Timer - Assigned Phs | | 2 | | 4 | 5 | 6 | |
| Phs Duration (G+Y+Rc), s | | 65.0 | | 20.3 | 16.2 | 48.8 | |
| Change Period (Y+Rc), s | | 6.0 | | 6.0 | 6.0 | 6.0 | |
| Max Green Setting (Gmax), s | i | 59.0 | | 26.0 | 26.0 | 40.0 | |
| Max Q Clear Time (g_c+I1), s | | 9.6 | | 13.1 | 10.0 | 12.4 | |
| Green Ext Time (p_c), s | | 10.6 | | 1.2 | 0.4 | 7.3 | |
| Intersection Summary | | | | | | | |
| · · · · · · · · · · · · · · · · · · · | | | 16.1 | | | | |
| HCM 6th Ctrl Delay | | | 16.1 B | | | | |
| HCM 6th LOS | | | В | | | | |
| Notes | | | | | | | |

| Int Delay, s/veh | 0.3 | | | | | |
|------------------------|-------|------|------|------|------|------|
| Movement | WBL | WBR | NBT | NBR | SBL | SBT |
| Lane Configurations | ٦ | | ef 👘 | | | 1 |
| Traffic Vol, veh/h | 5 | 0 | 56 | 1 | 0 | 91 |
| Future Vol, veh/h | 5 | 0 | 56 | 1 | 0 | 91 |
| 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 | - | - | - | - | - |
| Veh in Median Storage | , # 0 | - | 0 | - | - | 0 |
| Grade, % | 0 | - | 0 | - | - | 0 |
| Peak Hour Factor | 93 | 93 | 93 | 93 | 93 | 93 |
| Heavy Vehicles, % | 2 | 2 | 2 | 2 | 2 | 2 |
| Mvmt Flow | 5 | 0 | 60 | 1 | 0 | 98 |

| Major/Minor | Minor1 | Ма | jor1 | Ma | jor2 | | | | | |
|----------------------|--------|----|------|----|------|---|--|--|--|--|
| Conflicting Flow All | 159 | - | 0 | 0 | - | - | | | | |
| Stage 1 | 61 | - | - | - | - | - | | | | |
| Stage 2 | 98 | - | - | - | - | - | | | | |
| Critical Hdwy | 6.42 | - | - | - | - | - | | | | |
| Critical Hdwy Stg 1 | 5.42 | - | - | - | - | - | | | | |
| Critical Hdwy Stg 2 | 5.42 | - | - | - | - | - | | | | |
| Follow-up Hdwy | 3.518 | - | - | - | - | - | | | | |
| Pot Cap-1 Maneuver | 832 | 0 | - | - | 0 | - | | | | |
| Stage 1 | 962 | 0 | - | - | 0 | - | | | | |
| Stage 2 | 926 | 0 | - | - | 0 | - | | | | |
| Platoon blocked, % | | | - | - | | - | | | | |
| Mov Cap-1 Maneuver | | - | - | - | - | - | | | | |
| Mov Cap-2 Maneuver | 832 | - | - | - | - | - | | | | |
| Stage 1 | 962 | - | - | - | - | - | | | | |
| Stage 2 | 926 | - | - | - | - | - | | | | |
| | | | | | | | | | | |

| Approach | WB | NB | SB |
|----------------------|-----|----|----|
| HCM Control Delay, s | 9.4 | 0 | 0 |
| HCM LOS | А | | |

| Minor Lane/Major Mvmt | NBT | NBRW | /BLn1 | SBT |
|-----------------------|-----|------|-------|-----|
| Capacity (veh/h) | - | - | 832 | - |
| HCM Lane V/C Ratio | - | - | 0.006 | - |
| HCM Control Delay (s) | - | - | 9.4 | - |
| HCM Lane LOS | - | - | A | - |
| HCM 95th %tile Q(veh) | - | - | 0 | - |

| Int Delay, s/veh | 0.4 | | | | | |
|------------------------|-------|------|---------|------|------|------|
| Movement | WBL | WBR | NBT | NBR | SBL | SBT |
| Lane Configurations | ľ | | et P | | | • |
| Traffic Vol, veh/h | 6 | 0 | 56 | 0 | 0 | 85 |
| Future Vol, veh/h | 6 | 0 | 56 | 0 | 0 | 85 |
| 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 | - | - | - | - | - |
| Veh in Median Storage | , # 0 | - | 0 | - | - | 0 |
| Grade, % | 0 | - | 0 | - | - | 0 |
| Peak Hour Factor | 93 | 93 | 93 | 93 | 93 | 93 |
| Heavy Vehicles, % | 2 | 2 | 2 | 2 | 2 | 2 |
| Mvmt Flow | 6 | 0 | 60 | 0 | 0 | 91 |

| Major/Minor | Minor1 | Maj | jor1 | Ma | jor2 | |
|----------------------|--------|-----|------|----|------|---|
| Conflicting Flow All | 151 | - | 0 | 0 | - | - |
| Stage 1 | 60 | - | - | - | - | - |
| Stage 2 | 91 | - | - | - | - | - |
| Critical Hdwy | 6.42 | - | - | - | - | - |
| Critical Hdwy Stg 1 | 5.42 | - | - | - | - | - |
| Critical Hdwy Stg 2 | 5.42 | - | - | - | - | - |
| Follow-up Hdwy | 3.518 | - | - | - | - | - |
| Pot Cap-1 Maneuver | 841 | 0 | - | - | 0 | - |
| Stage 1 | 963 | 0 | - | - | 0 | - |
| Stage 2 | 933 | 0 | - | - | 0 | - |
| Platoon blocked, % | | | - | - | | - |
| Mov Cap-1 Maneuver | | - | - | - | - | - |
| Mov Cap-2 Maneuver | 841 | - | - | - | - | - |
| Stage 1 | 963 | - | - | - | - | - |
| Stage 2 | 933 | - | - | - | - | - |
| | | | | | | |

| Approach | WB | NB | SB |
|----------------------|-----|----|----|
| HCM Control Delay, s | 9.3 | 0 | 0 |
| HCM LOS | А | | |

| Minor Lane/Major Mvmt | NBT | NBRW | VBLn1 | SBT |
|-----------------------|-----|------|-------|-----|
| Capacity (veh/h) | - | - | 841 | - |
| HCM Lane V/C Ratio | - | - | 0.008 | - |
| HCM Control Delay (s) | - | - | 9.3 | - |
| HCM Lane LOS | - | - | Α | - |
| HCM 95th %tile Q(veh) | - | - | 0 | - |

| Int Delay, s/veh | 0 | | | | | |
|------------------------|------|------|------|----------|------|------|
| Movement | EBL | EBR | NBL | NBT | SBT | SBR |
| Lane Configurations | | 1 | | ^ | 朴朴 | |
| Traffic Vol, veh/h | 0 | 0 | 0 | 864 | 1218 | 6 |
| Future Vol, veh/h | 0 | 0 | 0 | 864 | 1218 | 6 |
| 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 | - | - | - | - |
| Veh in Median Storage, | # 0 | - | - | 0 | 0 | - |
| Grade, % | 0 | - | - | 0 | 0 | - |
| Peak Hour Factor | 93 | 93 | 93 | 93 | 93 | 93 |
| Heavy Vehicles, % | 2 | 2 | 2 | 2 | 2 | 2 |
| Mvmt Flow | 0 | 0 | 0 | 929 | 1310 | 6 |

| Major/Minor | Minor2 | Ν | lajor1 | Ма | ajor2 | |
|----------------------|--------|------|--------|----|-------|---|
| Conflicting Flow All | - | 658 | - | 0 | - | 0 |
| Stage 1 | - | - | - | - | - | - |
| Stage 2 | - | - | - | - | - | - |
| Critical Hdwy | - | 7.14 | - | - | - | - |
| Critical Hdwy Stg 1 | - | - | - | - | - | - |
| Critical Hdwy Stg 2 | - | - | - | - | - | - |
| Follow-up Hdwy | - | 3.92 | - | - | - | - |
| Pot Cap-1 Maneuver | 0 | 349 | 0 | - | - | - |
| Stage 1 | 0 | - | 0 | - | - | - |
| Stage 2 | 0 | - | 0 | - | - | - |
| Platoon blocked, % | | | | - | - | - |
| Mov Cap-1 Maneuver | r - | 349 | - | - | - | - |
| Mov Cap-2 Maneuve | r - | - | - | - | - | - |
| Stage 1 | - | - | - | - | - | - |
| Stage 2 | - | - | - | - | - | - |
| | | | | | | |
| Approach | EB | | NB | | SB | |
| HCM Control Delay, s | s 0 | | 0 | | 0 | |

HCM LOS А

| Minor Lane/Major Mvmt | NBT EBLn1 | SBT | SBR |
|-----------------------|-----------|-----|-----|
| Capacity (veh/h) | | - | - |
| HCM Lane V/C Ratio | | - | - |
| HCM Control Delay (s) | - 0 | - | - |
| HCM Lane LOS | - A | - | - |
| HCM 95th %tile Q(veh) | | - | - |

| | 4 | ₽ | Ť | 1 | ţ |
|-------------------------|------|------|------|------|------|
| Lane Group | WBL | NBU | NBT | SBL | SBT |
| Lane Group Flow (vph) | 244 | 31 | 940 | 105 | 377 |
| v/c Ratio | 0.63 | 0.30 | 0.28 | 0.59 | 0.10 |
| Control Delay | 43.9 | 68.9 | 9.0 | 71.3 | 5.4 |
| Queue Delay | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Delay | 43.9 | 68.9 | 9.0 | 71.3 | 5.4 |
| Queue Length 50th (ft) | 67 | 27 | 102 | 90 | 32 |
| Queue Length 95th (ft) | 115 | 63 | 153 | 155 | 52 |
| Internal Link Dist (ft) | 272 | | 315 | | 205 |
| Turn Bay Length (ft) | 175 | 275 | | 175 | |
| Base Capacity (vph) | 999 | 230 | 3305 | 501 | 3814 |
| Starvation Cap Reductn | 0 | 0 | 0 | 0 | 0 |
| Spillback Cap Reductn | 0 | 0 | 0 | 0 | 0 |
| Storage Cap Reductn | 0 | 0 | 0 | 0 | 0 |
| Reduced v/c Ratio | 0.24 | 0.13 | 0.28 | 0.21 | 0.10 |
| Intersection Summary | | | | | |

| | ∢ | • | ₹Ĩ | Ť | 1 | 1 | ŧ |
|------------------------------|------|-------|------|-------------|------------|------|------------|
| Movement | WBL | WBR | NBU | NBT | NBR | SBL | SBT |
| Lane Configurations | ٦¥ | | Ą | ≜ †₽ | | 1 | ††† |
| Traffic Volume (veh/h) | 137 | 92 | 29 | 687 | 196 | 99 | 354 |
| Future Volume (veh/h) | 137 | 92 | 29 | 687 | 196 | 99 | 354 |
| Initial Q (Qb), veh | 0 | 0 | | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A_pbT) | 1.00 | 1.00 | | - | 1.00 | 1.00 | - |
| Parking Bus, Adj | 1.00 | 1.00 | | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | No | | | No | | | No |
| Adj Sat Flow, veh/h/ln | 1870 | 1870 | | 1870 | 1870 | 1870 | 1870 |
| Adj Flow Rate, veh/h | 122 | 124 | | 731 | 209 | 105 | 377 |
| Peak Hour Factor | 0.94 | 0.94 | | 0.94 | 0.94 | 0.94 | 0.94 |
| Percent Heavy Veh, % | 2 | 2 | | 2 | 2 | 2 | 2 |
| Cap, veh/h | 176 | 157 | | 2687 | 759 | 132 | 4099 |
| Arrive On Green | 0.10 | 0.10 | | 0.68 | 0.68 | 0.07 | 0.80 |
| Sat Flow, veh/h | 1781 | 1585 | | 4124 | 1118 | 1781 | 5274 |
| Grp Volume(v), veh/h | 122 | 124 | | 628 | 312 | 105 | 377 |
| | 1781 | 1585 | | 1702 | 1669 | 1781 | 1702 |
| Grp Sat Flow(s),veh/h/ln | 8.1 | 9.3 | | 8.9 | | | |
| Q Serve(g_s), s | 8.1 | | | 8.9 | 9.0 9.0 | 7.1 | 1.9 |
| Cycle Q Clear(g_c), s | | 9.3 | | 0.9 | | 7.1 | 1.9 |
| Prop In Lane | 1.00 | 1.00 | | 0040 | 0.67 | 1.00 | 4000 |
| Lane Grp Cap(c), veh/h | 176 | 157 | | 2312 | 1134 | 132 | 4099 |
| V/C Ratio(X) | 0.69 | 0.79 | | 0.27 | 0.28 | 0.79 | 0.09 |
| Avail Cap(c_a), veh/h | 540 | 480 | | 2312 | 1134 | 540 | 4099 |
| HCM Platoon Ratio | 1.00 | 1.00 | | 1.00 | 1.00 | 1.00 | 1.00 |
| Upstream Filter(I) | 1.00 | 1.00 | | 1.00 | 1.00 | 1.00 | 1.00 |
| Uniform Delay (d), s/veh | 53.2 | 53.8 | | 7.7 | 7.7 | 55.6 | 2.6 |
| Incr Delay (d2), s/veh | 4.8 | 8.5 | | 0.3 | 0.6 | 10.2 | 0.0 |
| Initial Q Delay(d3),s/veh | 0.0 | 0.0 | | 0.0 | 0.0 | 0.0 | 0.0 |
| %ile BackOfQ(50%),veh/In | 3.9 | 8.4 | | 3.1 | 3.2 | 3.5 | 0.5 |
| Unsig. Movement Delay, s/vel | | | | | | | |
| LnGrp Delay(d),s/veh | 58.0 | 62.3 | | 8.0 | 8.3 | 65.7 | 2.6 |
| LnGrp LOS | E | E | | Α | А | E | Α |
| Approach Vol, veh/h | 246 | | | 940 | | | 482 |
| Approach Delay, s/veh | 60.2 | | | 8.1 | | | 16.4 |
| Approach LOS | Е | | | А | | | В |
| Timer - Assigned Phs | | 2 | | 4 | 5 | 6 | |
| Phs Duration (G+Y+Rc), s | | 104.0 | | 18.1 | 15.1 | 88.9 | |
| Change Period (Y+Rc), s | | 6.0 | | 6.0 | 6.0 | 6.0 | |
| Max Green Setting (Gmax), s | | 98.0 | | 37.0 | 37.0 | 78.0 | |
| Max Q Clear Time (g_c+I1), s | | 3.9 | | 11.3 | 9.1 | 11.0 | |
| Green Ext Time (p_c), s | | 2.8 | | 0.8 | 0.3 | 7.7 | |
| Intersection Summary | | | | | | | |
| | | | 10.0 | | | | |
| HCM 6th Ctrl Delay | | | 18.2 | | | | |
| HCM 6th LOS | | | В | | | | |
| Notes | | | | | | | |

| Int Delay, s/veh | 1.8 | | | | | |
|------------------------|-------|------|------|------|------|------|
| Movement | WBL | WBR | NBT | NBR | SBL | SBT |
| Lane Configurations | ۲. | | et – | | | • |
| Traffic Vol, veh/h | 41 | 0 | 57 | 0 | 0 | 127 |
| Future Vol, veh/h | 41 | 0 | 57 | 0 | 0 | 127 |
| 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 | - | - | - | - | - |
| Veh in Median Storage | , # 0 | - | 0 | - | - | 0 |
| Grade, % | 0 | - | 0 | - | - | 0 |
| Peak Hour Factor | 95 | 95 | 95 | 95 | 95 | 95 |
| Heavy Vehicles, % | 2 | 2 | 2 | 2 | 2 | 2 |
| Mvmt Flow | 43 | 0 | 60 | 0 | 0 | 134 |

| Major/Minor | Minor1 | Maj | or1 | Maj | or2 | |
|----------------------|--------|-----|-----|-----|-----|---|
| Conflicting Flow All | 194 | - | 0 | 0 | - | - |
| Stage 1 | 60 | - | - | - | - | - |
| Stage 2 | 134 | - | - | - | - | - |
| Critical Hdwy | 6.42 | - | - | - | - | - |
| Critical Hdwy Stg 1 | 5.42 | - | - | - | - | - |
| Critical Hdwy Stg 2 | 5.42 | - | - | - | - | - |
| Follow-up Hdwy | 3.518 | - | - | - | - | - |
| Pot Cap-1 Maneuver | 795 | 0 | - | - | 0 | - |
| Stage 1 | 963 | 0 | - | - | 0 | - |
| Stage 2 | 892 | 0 | - | - | 0 | - |
| Platoon blocked, % | | | - | - | | - |
| Mov Cap-1 Maneuver | | - | - | - | - | - |
| Mov Cap-2 Maneuver | 795 | - | - | - | - | - |
| Stage 1 | 963 | - | - | - | - | - |
| Stage 2 | 892 | - | - | - | - | - |
| | | | | | | |

| Approach | WB | NB | SB |
|----------------------|-----|----|----|
| HCM Control Delay, s | 9.8 | 0 | 0 |
| HCM LOS | А | | |

| Minor Lane/Major Mvmt | NBT | NBRWE | BLn1 | SBT |
|-----------------------|-----|-------|------|-----|
| Capacity (veh/h) | - | - | 795 | - |
| HCM Lane V/C Ratio | - | - 0. | .054 | - |
| HCM Control Delay (s) | - | - | 9.8 | - |
| HCM Lane LOS | - | - | А | - |
| HCM 95th %tile Q(veh) | - | - | 0.2 | - |

| Int Delay, s/veh | 2.2 | | | | | |
|------------------------|------|------|------|------|------|------|
| Movement | WBL | WBR | NBT | NBR | SBL | SBT |
| Lane Configurations | ٦ | | et - | | | 1 |
| Traffic Vol, veh/h | 42 | 0 | 56 | 1 | 0 | 85 |
| Future Vol, veh/h | 42 | 0 | 56 | 1 | 0 | 85 |
| 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 | - | - | - | - | - |
| Veh in Median Storage | ,#0 | - | 0 | - | - | 0 |
| Grade, % | 0 | - | 0 | - | - | 0 |
| Peak Hour Factor | 95 | 95 | 95 | 95 | 95 | 95 |
| Heavy Vehicles, % | 2 | 2 | 2 | 2 | 2 | 2 |
| Mvmt Flow | 44 | 0 | 59 | 1 | 0 | 89 |

| Major/Minor | Minor1 | Ма | jor1 | Maj | jor2 | |
|----------------------|--------|----|------|-----|------|---|
| Conflicting Flow All | 149 | - | 0 | 0 | - | - |
| Stage 1 | 60 | - | - | - | - | - |
| Stage 2 | 89 | - | - | - | - | - |
| Critical Hdwy | 6.42 | - | - | - | - | - |
| Critical Hdwy Stg 1 | 5.42 | - | - | - | - | - |
| Critical Hdwy Stg 2 | 5.42 | - | - | - | - | - |
| Follow-up Hdwy | 3.518 | - | - | - | - | - |
| Pot Cap-1 Maneuver | 843 | 0 | - | - | 0 | - |
| Stage 1 | 963 | 0 | - | - | 0 | - |
| Stage 2 | 934 | 0 | - | - | 0 | - |
| Platoon blocked, % | | | - | - | | - |
| Mov Cap-1 Maneuver | | - | - | - | - | - |
| Mov Cap-2 Maneuver | 843 | - | - | - | - | - |
| Stage 1 | 963 | - | - | - | - | - |
| Stage 2 | 934 | - | - | - | - | - |
| | | | | | | |

| Approach | WB | NB | SB |
|----------------------|-----|----|----|
| HCM Control Delay, s | 9.5 | 0 | 0 |
| HCM LOS | А | | |

| Minor Lane/Major Mvmt | NBT | NBRWBLn | 1 SBT |
|-----------------------|-----|---------|-------|
| Capacity (veh/h) | - | - 84 | 3 - |
| HCM Lane V/C Ratio | - | - 0.05 | 2 - |
| HCM Control Delay (s) | - | - 9. | 5 - |
| HCM Lane LOS | - | - | ۹ - |
| HCM 95th %tile Q(veh) | - | - 0. | 2 - |

| Int Delay, s/veh | 0 | | | | | |
|------------------------|------|------|------|----------|------|------|
| Movement | EBL | EBR | NBL | NBT | SBT | SBR |
| Lane Configurations | | 1 | | ^ | 朴朴 | |
| Traffic Vol, veh/h | 0 | 0 | 0 | 779 | 453 | 13 |
| Future Vol, veh/h | 0 | 0 | 0 | 779 | 453 | 13 |
| 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 | - | - | - | - |
| Veh in Median Storage, | # 0 | - | - | 0 | 0 | - |
| Grade, % | 0 | - | - | 0 | 0 | - |
| Peak Hour Factor | 95 | 95 | 95 | 95 | 95 | 95 |
| Heavy Vehicles, % | 2 | 2 | 2 | 2 | 2 | 2 |
| Mvmt Flow | 0 | 0 | 0 | 820 | 477 | 14 |

| Major/Minor | Minor2 | М | lajor1 | Ma | ajor2 | |
|----------------------|--------|------|--------|----|-------|---|
| Conflicting Flow All | - | 246 | - | 0 | - | 0 |
| Stage 1 | - | - | - | - | - | - |
| Stage 2 | - | - | - | - | - | - |
| Critical Hdwy | - | 7.14 | - | - | - | - |
| Critical Hdwy Stg 1 | - | - | - | - | - | - |
| Critical Hdwy Stg 2 | - | - | - | - | - | - |
| Follow-up Hdwy | - | 3.92 | - | - | - | - |
| Pot Cap-1 Maneuver | 0 | 643 | 0 | - | - | - |
| Stage 1 | 0 | - | 0 | - | - | - |
| Stage 2 | 0 | - | 0 | - | - | - |
| Platoon blocked, % | | | | - | - | - |
| Mov Cap-1 Maneuve | | 643 | - | - | - | - |
| Mov Cap-2 Maneuve | r - | - | - | - | - | - |
| Stage 1 | - | - | - | - | - | - |
| Stage 2 | - | - | - | - | - | - |
| | | | | | | |
| Approach | EB | | NB | | SB | |

| Approach | EB | NB | SB | |
|----------------------|----|----|----|--|
| HCM Control Delay, s | 0 | 0 | 0 | |
| HCM LOS | А | | | |

| Minor Lane/Major Mvmt | NBT EBLn1 | SBT | SBR |
|-----------------------|-----------|-----|-----|
| Capacity (veh/h) | | · - | - |
| HCM Lane V/C Ratio | | | - |
| HCM Control Delay (s) | - (| - 1 | - |
| HCM Lane LOS | - A | | - |
| HCM 95th %tile Q(veh) | | · - | - |

| | 4 | ₽ | Ť | 1 | Ŧ |
|-------------------------|------|------|------|------|------|
| Lane Group | WBL | NBU | NBT | SBL | SBT |
| Lane Group Flow (vph) | 424 | 17 | 986 | 172 | 1152 |
| v/c Ratio | 0.68 | 0.14 | 0.40 | 0.63 | 0.34 |
| Control Delay | 27.7 | 45.3 | 14.3 | 46.5 | 7.9 |
| Queue Delay | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Delay | 27.7 | 45.3 | 14.3 | 46.5 | 7.9 |
| Queue Length 50th (ft) | 63 | 9 | 106 | 85 | 68 |
| Queue Length 95th (ft) | 127 | 33 | 182 | 168 | 172 |
| Internal Link Dist (ft) | 272 | | 315 | | 205 |
| Turn Bay Length (ft) | 175 | 275 | | 175 | |
| Base Capacity (vph) | 1084 | 139 | 2470 | 519 | 3393 |
| Starvation Cap Reductn | 0 | 0 | 0 | 0 | 0 |
| Spillback Cap Reductn | 0 | 0 | 0 | 0 | 0 |
| Storage Cap Reductn | 0 | 0 | 0 | 0 | 0 |
| Reduced v/c Ratio | 0.39 | 0.12 | 0.40 | 0.33 | 0.34 |
| Intersection Summary | | | | | |

| | ∢ | • | ₽ | Ť | ۲ | 1 | Ŧ |
|------------------------------|-----------|-----------|------|-----------|-----------|-----------|------------|
| Movement | WBL | WBR | NBU | NBT | NBR | SBL | SBT |
| Lane Configurations | ٦Y | | đ | ^ | | ኘ | ††† |
| Traffic Volume (veh/h) | 217 | 173 | 16 | 691 | 216 | 158 | 1060 |
| Future Volume (veh/h) | 217 | 173 | 16 | 691 | 216 | 158 | 1060 |
| Initial Q (Qb), veh | 0 | 0 | | 0 | 0 | 0 | 0 |
| Ped-Bike Adj(A pbT) | 1.00 | 1.00 | | | 1.00 | 1.00 | |
| Parking Bus, Adj | 1.00 | 1.00 | | 1.00 | 1.00 | 1.00 | 1.00 |
| Work Zone On Approach | No | | | No | | | No |
| Adj Sat Flow, veh/h/ln | 1870 | 1870 | | 1870 | 1870 | 1870 | 1870 |
| Adj Flow Rate, veh/h | 212 | 214 | | 751 | 235 | 172 | 1152 |
| Peak Hour Factor | 0.92 | 0.92 | | 0.92 | 0.92 | 0.92 | 0.92 |
| Percent Heavy Veh, % | 2 | 2 | | 2 | 2 | 2 | 2 |
| Cap, veh/h | 298 | 265 | | 1938 | 600 | 214 | 3534 |
| Arrive On Green | 0.17 | 0.17 | | 0.50 | 0.50 | 0.12 | 0.69 |
| Sat Flow, veh/h | 1781 | 1585 | | 4032 | 1196 | 1781 | 5274 |
| Grp Volume(v), veh/h | 212 | 214 | | 661 | 325 | 172 | 1152 |
| Grp Sat Flow(s), veh/h/ln | 1781 | 1585 | | 1702 | 1655 | 1781 | 1702 |
| Q Serve(g_s), s | 9.6 | 11.1 | | 10.2 | 10.4 | 8.0 | 7.6 |
| Cycle Q Clear(g_c), s | 9.6 | 11.1 | | 10.2 | 10.4 | 8.0 | 7.6 |
| Prop In Lane | 1.00 | 1.00 | | 10.2 | 0.72 | 1.00 | 1.0 |
| Lane Grp Cap(c), veh/h | 298 | 265 | | 1708 | 830 | 214 | 3534 |
| V/C Ratio(X) | 0.71 | 0.81 | | 0.39 | 0.39 | 0.80 | 0.33 |
| Avail Cap(c_a), veh/h | 543 | 483 | | 1708 | 830 | 543 | 3534 |
| HCM Platoon Ratio | 1.00 | 1.00 | | 1.00 | 1.00 | 1.00 | 1.00 |
| Upstream Filter(I) | 1.00 | 1.00 | | 1.00 | 1.00 | 1.00 | 1.00 |
| Uniform Delay (d), s/veh | 33.6 | 34.2 | | 13.1 | 13.2 | 36.5 | 5.2 |
| Incr Delay (d2), s/veh | 3.1 | 5.8 | | 0.7 | 1.4 | 6.9 | 0.2 |
| Initial Q Delay(d3),s/veh | 0.0 | 0.0 | | 0.7 | 0.0 | 0.9 | 0.2 |
| %ile BackOfQ(50%),veh/ln | 4.4 | 9.7 | | 3.7 | 3.8 | 3.8 | 2.1 |
| Unsig. Movement Delay, s/vel | | 9.1 | | 5.7 | 5.0 | 5.0 | Ζ.Ι |
| LnGrp Delay(d),s/veh | 36.7 | 39.9 | | 13.8 | 14.6 | 43.5 | 5.5 |
| LnGrp LOS | 30.7 D | 39.9 D | | 13.0 B | 14.0 B | 43.5 D | 5.5 A |
| • | | U | | | D | U | |
| Approach Vol, veh/h | 426 | | | 986 | | | 1324 |
| Approach Delay, s/veh | 38.3 | | | 14.1 | | | 10.4 |
| Approach LOS | D | | | В | | | В |
| Timer - Assigned Phs | | 2 | | 4 | 5 | 6 | |
| Phs Duration (G+Y+Rc), s | | 65.0 | | 20.3 | 16.2 | 48.8 | |
| Change Period (Y+Rc), s | | 6.0 | | 6.0 | 6.0 | 6.0 | |
| Max Green Setting (Gmax), s | | 59.0 | | 26.0 | 26.0 | 40.0 | |
| Max Q Clear Time (g_c+I1), s | | 9.6 | | 13.1 | 10.0 | 12.4 | |
| Green Ext Time (p_c), s | | 10.6 | | 1.2 | 0.4 | 7.3 | |
| Intersection Summary | | | | | | | |
| HCM 6th Ctrl Delay | | | 16.1 | | | | |
| HCM 6th LOS | | | B | | | | |
| | | | D | | | | |
| Notes | | | | | | | |

| Int Delay, s/veh | 0.7 | | | | | | |
|------------------------|------|------|------|------|------|------|---|
| Movement | WBL | WBR | NBT | NBR | SBL | SBT | • |
| Lane Configurations | ٦ | | et - | | | 1 | 4 |
| Traffic Vol, veh/h | 13 | 0 | 57 | 1 | 0 | 99 |) |
| Future Vol, veh/h | 13 | 0 | 57 | 1 | 0 | 99 | 1 |
| Conflicting Peds, #/hr | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Sign Control | Stop | Stop | Free | Free | Free | Free | ; |
| RT Channelized | - | None | - | None | - | None | , |
| Storage Length | 0 | - | - | - | - | - | |
| Veh in Median Storage | ,# 0 | - | 0 | - | - | 0 | J |
| Grade, % | 0 | - | 0 | - | - | 0 |) |
| Peak Hour Factor | 93 | 93 | 93 | 93 | 93 | 93 | 5 |
| Heavy Vehicles, % | 2 | 2 | 2 | 2 | 2 | 2 | , |
| Mvmt Flow | 14 | 0 | 61 | 1 | 0 | 106 | ; |

| Major/Minor | Minor1 | Maj | or1 | Maj | or2 | |
|----------------------|--------|-----|-----|-----|-----|---|
| Conflicting Flow All | 168 | - | 0 | 0 | - | - |
| Stage 1 | 62 | - | - | - | - | - |
| Stage 2 | 106 | - | - | - | - | - |
| Critical Hdwy | 6.42 | - | - | - | - | - |
| Critical Hdwy Stg 1 | 5.42 | - | - | - | - | - |
| Critical Hdwy Stg 2 | 5.42 | - | - | - | - | - |
| Follow-up Hdwy | 3.518 | - | - | - | - | - |
| Pot Cap-1 Maneuver | 822 | 0 | - | - | 0 | - |
| Stage 1 | 961 | 0 | - | - | 0 | - |
| Stage 2 | 918 | 0 | - | - | 0 | - |
| Platoon blocked, % | | | - | - | | - |
| Mov Cap-1 Maneuver | | - | - | - | - | - |
| Mov Cap-2 Maneuver | 822 | - | - | - | - | - |
| Stage 1 | 961 | - | - | - | - | - |
| Stage 2 | 918 | - | - | - | - | - |
| | | | | | | |

| Approach | WB | NB | SB |
|----------------------|-----|----|----|
| HCM Control Delay, s | 9.5 | 0 | 0 |
| HCM LOS | А | | |

| Minor Lane/Major Mvmt | NBT | NBRWBLn1 | SBT |
|-----------------------|-----|----------|-----|
| Capacity (veh/h) | - | - 822 | - |
| HCM Lane V/C Ratio | - | - 0.017 | - |
| HCM Control Delay (s) | - | - 9.5 | - |
| HCM Lane LOS | - | - A | - |
| HCM 95th %tile Q(veh) | - | - 0.1 | - |

| Int Delay, s/veh | 0.8 | | | | | |
|------------------------|-------|------|------|------|------|------|
| Movement | WBL | WBR | NBT | NBR | SBL | SBT |
| Lane Configurations | ٦ | | et - | | | • |
| Traffic Vol, veh/h | 14 | 0 | 56 | 1 | 0 | 85 |
| Future Vol, veh/h | 14 | 0 | 56 | 1 | 0 | 85 |
| 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 | - | - | - | - | - |
| Veh in Median Storage | , # 0 | - | 0 | - | - | 0 |
| Grade, % | 0 | - | 0 | - | - | 0 |
| Peak Hour Factor | 93 | 93 | 93 | 93 | 93 | 93 |
| Heavy Vehicles, % | 2 | 2 | 2 | 2 | 2 | 2 |
| Mvmt Flow | 15 | 0 | 60 | 1 | 0 | 91 |

| Major/Minor | Minor1 | Ma | jor1 | Maj | jor2 | |
|----------------------|--------|----|------|-----|------|---|
| Conflicting Flow All | 152 | - | 0 | 0 | - | - |
| Stage 1 | 61 | - | - | - | - | - |
| Stage 2 | 91 | - | - | - | - | - |
| Critical Hdwy | 6.42 | - | - | - | - | - |
| Critical Hdwy Stg 1 | 5.42 | - | - | - | - | - |
| Critical Hdwy Stg 2 | 5.42 | - | - | - | - | - |
| Follow-up Hdwy | 3.518 | - | - | - | - | - |
| Pot Cap-1 Maneuver | 840 | 0 | - | - | 0 | - |
| Stage 1 | 962 | 0 | - | - | 0 | - |
| Stage 2 | 933 | 0 | - | - | 0 | - |
| Platoon blocked, % | | | - | - | | - |
| Mov Cap-1 Maneuver | 840 | - | - | - | - | - |
| Mov Cap-2 Maneuver | 840 | - | - | - | - | - |
| Stage 1 | 962 | - | - | - | - | - |
| Stage 2 | 933 | - | - | - | - | - |
| | | | | | | |

| Approach | WB | NB | SB |
|----------------------|-----|----|----|
| HCM Control Delay, s | 9.4 | 0 | 0 |
| HCM LOS | А | | |

| Minor Lane/Major Mvmt | NBT | NBRWE | 3Ln1 | SBT |
|-----------------------|-----|-------|------|-----|
| Capacity (veh/h) | - | - | 840 | - |
| HCM Lane V/C Ratio | - | - 0 | .018 | - |
| HCM Control Delay (s) | - | - | 9.4 | - |
| HCM Lane LOS | - | - | А | - |
| HCM 95th %tile Q(veh) | - | - | 0.1 | - |

| Int Delay, s/veh | 0 | | | | | |
|------------------------|------|------|------|----------|------|------|
| Movement | EBL | EBR | NBL | NBT | SBT | SBR |
| Lane Configurations | | 1 | | ^ | 朴朴 | |
| Traffic Vol, veh/h | 0 | 0 | 0 | 864 | 1218 | 38 |
| Future Vol, veh/h | 0 | 0 | 0 | 864 | 1218 | 38 |
| 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 | - | - | - | - |
| Veh in Median Storage, | # 0 | - | - | 0 | 0 | - |
| Grade, % | 0 | - | - | 0 | 0 | - |
| Peak Hour Factor | 93 | 93 | 93 | 93 | 93 | 93 |
| Heavy Vehicles, % | 2 | 2 | 2 | 2 | 2 | 2 |
| Mvmt Flow | 0 | 0 | 0 | 929 | 1310 | 41 |

| Major/Minor | Minor2 | N | lajor1 | Ma | ijor2 | |
|----------------------|--------|------|--------|----|-------|---|
| Conflicting Flow All | - | 676 | - | 0 | - | 0 |
| Stage 1 | - | - | - | - | - | - |
| Stage 2 | - | - | - | - | - | - |
| Critical Hdwy | - | 7.14 | - | - | - | - |
| Critical Hdwy Stg 1 | - | - | - | - | - | - |
| Critical Hdwy Stg 2 | - | - | - | - | - | - |
| Follow-up Hdwy | - | 3.92 | - | - | - | - |
| Pot Cap-1 Maneuver | 0 | 339 | 0 | - | - | - |
| Stage 1 | 0 | - | 0 | - | - | - |
| Stage 2 | 0 | - | 0 | - | - | - |
| Platoon blocked, % | | | | - | - | - |
| Mov Cap-1 Maneuve | r - | 339 | - | - | - | - |
| Mov Cap-2 Maneuve | r - | - | - | - | - | - |
| Stage 1 | - | - | - | - | - | - |
| Stage 2 | - | - | - | - | - | - |
| | | | | | | |
| Approach | EB | | NB | | SB | |
| HCM Control Delay, s | s 0 | | 0 | | 0 | |

HCM LOS А

| Minor Lane/Major Mvmt | NBT EBLn1 | SBT | SBR |
|-----------------------|-----------|-----|-----|
| Capacity (veh/h) | | - | - |
| HCM Lane V/C Ratio | | - | - |
| HCM Control Delay (s) | - 0 | - | - |
| HCM Lane LOS | - A | - | - |
| HCM 95th %tile Q(veh) | | - | - |

San Jose / San Jose Traffic Control System

Intersection: 298 / MONTEREY RD & PHELAN AV | UCM version: 2 | Firmware: 20121112 - v1.5L-3

Phase Timing

| | 1 | 2 | | 3 | 4 | 5 | 6 | 7 | 8 |
|----------|-------------|--------------|-----|---|------------|--------|----------|---|---|
| | | MONTERE | Y | | PHELAN | | MONTEREY | | |
| | | SB | | | WB | SBLT | NB | | |
| Max 1 | 20 | 85 | | 0 | 20 | 20 | 65 | 0 | 0 |
| Max 2 | 20 | 95 | | 0 | 40 | y 30 y | 75 | 0 | 0 |
| Ring C | Configurati | on | | | \uparrow | | | | |
| Ring Nur | nber | Phase Sequer | nce | | PM | AM/PM | | | |
| | 1 | 1 | 2 | 4 | | | | | |
| | 2 | 5 | 6 | | | | | | |

Plan Schedule

| Schedule | Pattern / Mode |
|---------------|----------------|
| 00:00-06:30 | ~~~Fige~~~ |
| 06:30 - 09:30 | 11 |
| 09:30-11:00 | Free |
| 09:30 - 11:00 | 4 |
| 11:00 - 11:30 | 2 |
| 11:00 - 11:30 | 4 |
| 11:30 - 12:00 | 5 |
| 12:00 - 13:00 | 5 |
| 13:00 - 15:15 | Free |
| 15:15 - 16:00 | 3 |
| 16:00-46:30 | mann |
| 16:30 - 17:30 | 6 |
| 17:30-18:50 | TERECUL |
| 18:30 - 19:00 | Free |
| 19:00 - 00:00 | Free |

TOD Functions

| Start Time | VEVEN | Max 2 Rhases |
|--|--------------|--------------|
| 00:00 | 1 | 5 🖌 |
| $\rightarrow \rightarrow 0000000000000000000000000000000000$ | | + |
| 13:00 | 3 | 4, 5 |
| 18:30 | | 4,5 |
| 09:30 | 5 | 4, 5 |

Timing Plans

| Pattern Number | Description | Free | Cycle Length |
|----------------|-------------|------|--------------|
| 1 | AM PEAK | | 160 |
| 2 | MIDDAY PEAK | | 100 |
| 3 | PM PEAK | | 160 |
| 4 | WKND AM | | 110 |
| 5 | WKND MID | | 110 |

Timing Plans

| Pattern Number | Description | Free | Cycle Length |
|----------------|-------------|------|--------------|
| | WKND PM | | 110 |
| | AMALT | | 170 |
| 254 | Free Plan | Free | 0 |

