- Approved as Noted Note: Al work outsiside of the property
lines must have approved utility Harry Yip $9 / \uparrow 2 / 22$ - Hexagon Transportation (onsultants, Inc.


## Memorandum

## Date: <br> May 31, 2022

To: Mr. Jerry Griffin, Peninsula Humane Society

From: Gary Black<br>Selvi Sivaraj

Subject: Transportation Study for Proposed Animal Sanctuary at 12429 Pescadero Creek Road in San Mateo County

## Introduction

Hexagon Transportation Consultants, Inc. has completed a transportation study for the proposed new animal sanctuary at 12429 Pescadero Creek Road in San Mateo County. The Animal Sanctuary would provide a permanent home for dogs, cats, and a limited number of other small animals. The Animal Sanctuary would also provide a home for a small number of farm animals. The project proposes to build 70 dog enclosures, 14 cat enclosures and 1 barn for farm animals on a 261-acre site within the Resource Management (RM) Zoning District. In addition to the animal enclosures, the project also includes a maintenance building, an existing barn, a 1,000 s.f. caretaker's residence, and an approximately 6,500 square-foot administration building including a small veterinary medical center office, break rooms, and ancillary support spaces for staff and volunteers. The project also proposes to include 10 parking spaces (including 1 ADA) and an unstriped overflow parking area.

This memorandum documents the number of trips that are anticipated to be generated by the proposed animal sanctuary, a sight distance evaluation for the proposed driveway on Pescadero Creek Road, and a Vehicle Miles Traveled (VMT) analysis.

## Animal Sanctuary Trip Generation

The trip estimates for the proposed project use are based on operational information for the animal sanctuary provided by the Peninsula Humane Society.

The facility would be open from 8:00 AM to 7:00 PM every day. During this time, there would be a maximum of ten employees including animal care staff, veterinary medical staff, behavior \& training staff, facilities maintenance staff, a sanctuary director, and three to five volunteers on site. The caretakers on site would be responsible for monitoring the safety and security of the property and animals after hours. Shifts for animal care and facilities staff would start first, with admin staff and veterinary medical staff working a more typical 9-5 work day. A second Animal Care employee shift would start around mid-day and work until approximately 7 PM. Volunteer shifts would start late morning, be staggered throughout the day, and conclude by 7 PM.

Based on the facility operation, to be conservative, all employees are assumed to arrive at work during the AM peak hour and leave during the PM peak hour, even though a few animal care employees would commute during non-peak hours. During the morning commute peak period, which is 7:00-9:00 AM, there could be up to 10 staff members arriving at the facility. This calculates

[^0]to ten AM peak-hour staff trips. During the evening commute peak period, which is 4:00-6:00 PM, there could be up to ten staff members and three volunteers leaving the facility. This calculates to thirteen PM peak-hour trips. The facility is estimated to generate approximately 32 daily trips including 20 trips by staff, 10 trips by volunteers and two trips by staff transporting animals or supplies to the site.

Table 1
Project Trip Generation Estimates for Animal Sanctuary


## Traffic on Pescadero Creek Road

The project-generated trips that are estimated to occur at the project driveway are 32 daily trips. Based on traffic counts conducted along Pescadero Creek Road in the vicinity of the proposed project driveway, the average daily traffic is 308 vehicles. Thus, the project would increase the daily traffic by about $10 \%$. Because of the relatively low traffic volume near the site, the project traffic can be accommodated on Pescadero Creek Road. The count data is included in Appendix A.

## Vehicle Miles Traveled

Senate Bill 743 (SB 743) requires new developments to be analyzed with Vehicle Miles Traveled (VMT) instead of Level of Service (LOS). The County of San Mateo established procedures for determining project impacts on Vehicle Miles Traveled (VMT) based on the project description, size of the project, characteristics, and/or location. VMT is the total miles of travel by personal motorized vehicles a project is expected to generate in a day. VMT measures the full distance of personal motorized vehicle-trips with one end at the project site. The County has adopted the recommended standards published by the Governor's Office of Planning and Research (OPR). The OPR standard state that small projects that generate fewer than 110 trips per day can be considered to have a less than significant impact on VMT. Because the proposed project would be generating fewer than 110 daily trips (see Table 1), its VMT impact would be less than significant.

## Project Driveway Sight Distance Analysis

A sight distance evaluation was conducted for the proposed project driveway, located on the west side of Pescadero Creek Road, to determine if there would be any deficiencies with the intersection design or layout that would cause operational problems. Sight distances were evaluated in
accordance with the standards and methodologies contained in the $7^{\text {th }}$ edition of the American Association of State Highway and Transportation Officials (AASHTO) design manual, A Policy on Geometric Design of Highways and Streets. It should be noted that there are numerous driveways and cross-streets on Pescadero Creek Road and Highway 84 through La Honda that have limited sight distance. The area is mountainous and forested, which creates sight distance challenges. There are caution signs denoting blind driveways, and many driveways have convex mirrors to aid with sight distance.

This analysis is based on stopping sight distance. The minimum stopping sight distance is the distance required by a vehicle on the primary road, traveling at a given speed, to bring the vehicle to stop after an object (vehicle, pedestrian, bicyclist, debris, etc.) on the road becomes visible. The stopping sight distance is the minimum sight distance that must be available for a vehicle to exit the project driveway safely.

When checking sight distances at an intersection, the position of the driver on the side street approach must be assumed. In this analysis, the driver's eye position is assumed to be 14.5 feet from the edge of pavement on Pescadero Creek Road, based on section 9.5.3.2.1 in the AASHTO design manual.

The minimum stopping sight distance was determined based on the $85^{\text {th }}$ percentile speed of traffic and the grade of the roadway. Based on speed counts conducted along Pescadero Creek Road in the vicinity of the proposed project driveway, the $85^{\text {th }}$ percentile speeds are 39.4 MPH in the northbound direction and 42.6 MPH in the southbound direction (see Appendix A). In the vicinity of the proposed project driveway, Pescadero Creek Road has an approximately 6\% downgrade in the northbound direction and an approximately $5 \%$ upgrade in the southbound direction.

Per Table 3-1 and Table 3-2 in the AASHTO design manual, the stopping sight distance for the two design speeds are:

- 333 feet for 40 MPH on a $6 \%$ downgrade (northbound direction)
- 360 feet for 45 MPH on a level grade (southbound direction)

Figure 1 shows the estimated available sight distances at the project driveway. The driver's line of sight to the left (southbound Pescadero Creek Road traffic) was determined to be more than the minimum required stopping sight distance, even with the conservative design criteria of 45 MPH and a level grade. The driver's available line of sight to the right (northbound Pescadero Creek Road traffic) was observed in the field to be limited to approximately 312 feet due to the curvature of Pescadero Creek Road and the embankment on the west side of the road.

Correcting the sight distance deficiency would require regrading the embankment on the west side of Pescadero Creek Road or relocating the project driveway approximately 50-75 feet north of the current proposed location. Either of these options would involve extensive regrading of hillsides and substantial loss of trees.

There is no other location on the property where an access road could be developed. It should be noted that the proposed driveway location is where the existing property access road is located. Hexagon recommends the installation of "blind driveway" warning signs on Pescadero Creek Road to alert approaching drivers to the existence of the driveway. In addition, Hexagon recommends that the proposed driveway be converted to a right-turn in and right-turn out only driveway. A median island and right arrow would be installed at the entrance of the driveway. Additional signage at the driveway (see Figure 1) should be installed to alert northbound drivers along Pescadero Creek Road and exiting drivers of the right-in, right-out only driveway.


- THIS PLAN IS A CONCEPTUAL DRAWING, NOT FOR CONSTRUCTION


# Animal Sanctuary Transportation Study at 12429 Pescadero Creek Road in San Mateo County Appendices 

## Appendix A Count Data

Location: Pescadero Creek Rd, North of Burns Valley Rd
Count Direction: Northbound / Southbound
Date Range: $\quad 11 / 17 / 2020$ to $11 / 17 / 2020$
Site Code: 01

|  | FHWA Vehicle Classification |  |  |  |  |  |  |  |  |  |  |  |  | Total Volume |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |  |
| Study Total |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Northbound | 2 | 86 | 41 | 1 | 26 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 159 |
| Percent | 1.3\% | 54.1\% | 25.8\% | 0.6\% | 16.4\% | 1.9\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 100\% |
| Southbound | 1 | 83 | 38 | 0 | 26 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 149 |
| Percent | 0.7\% | 55.7\% | 25.5\% | 0.0\% | 17.4\% | 0.7\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 100\% |
| Total | 3 | 169 | 79 | 1 | 52 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 308 |
| Percent | 1.0\% | 54.9\% | 25.6\% | 0.3\% | 16.9\% | 1.3\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 100\% |

## FHWA Vehicle Classification

Class 1 - Motorcycles
Class 2 - Passenger Cars
Class 3 - Other Two-Axle, Four-Tire Single Unit
Class 4 - Buses
Class 5 - Two-Axle, Six-Tire, Single-Unit Trucks
Class 6 - Three-Axle Single-Unit Trucks

Class 8 - Four or Fewer Axle Single-Trailer Trucks
Class 9 - Five-Axle Single-Trailer Trucks
Class 10 - Six or More Axle Single-Trailer Trucks
Class 11 - Five or fewer Axle Multi-Trailer Trucks
Class 12 - Six-Axle Multi-Trailer Trucks
Class 13 - Seven or More Axle Multi-Trailer Trucks

Class 7 - Four or More Axle Single-Unit Trucks

Location:

Tuesday, November 17, 2020
Northbound

| Time | FHWA Vehicle Classification |  |  |  |  |  |  |  |  |  |  |  |  | Total Volume |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |  |
| 12:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 AM | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 6:00 AM | 0 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 7:00 AM | 0 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 8:00 AM | 0 | 8 | 6 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| 9:00 AM | 0 | 6 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 10:00 AM | 1 | 13 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| 11:00 AM | 0 | 3 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 12:00 PM | 0 | 6 | 5 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 1:00 PM | 0 | 9 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| 2:00 PM | 0 | 3 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 3:00 PM | 0 | 9 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 4:00 PM | 1 | 6 | 5 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 5:00 PM | 0 | 7 | 5 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 6:00 PM | 0 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 7:00 PM | 0 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 8:00 PM | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 9:00 PM | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 10:00 PM | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 11:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 2 | 86 | 41 | 1 | 26 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 159 |
| Percent | 1.3\% | 54.1\% | 25.8\% | 0.6\% | 16.4\% | 1.9\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% |  |

Location:

Date Range:
Site Code:

## 11/17/2020 to 11/17/2020

01

DATA SOLUTIONS

## Tuesday, November 17, 2020

Southbound

| Time | FHWA Vehicle Classification |  |  |  |  |  |  |  |  |  |  |  |  | Total Volume |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |  |
| 12:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 AM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 4:00 AM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 5:00 AM | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6:00 AM | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 7:00 AM | 0 | 7 | 5 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 8:00 AM | 0 | 4 | 2 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 9:00 AM | 0 | 3 | 4 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 10:00 AM | 0 | 6 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 11:00 AM | 1 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 12:00 PM | 0 | 11 | 6 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| 1:00 PM | 0 | 6 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 2:00 PM | 0 | 9 | 5 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 3:00 PM | 0 | 13 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| 4:00 PM | 0 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 5:00 PM | 0 | 4 | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 6:00 PM | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 7:00 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8:00 PM | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 9:00 PM | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 10:00 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 11:00 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Total | 1 | 83 | 38 | 0 | 26 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 149 |
| Percent | 0.7\% | 55.7\% | 25.5\% | 0.0\% | 17.4\% | 0.7\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% |  |

Location:
Date Range:
Site Code:

## 11/17/2020 to 11/17/2020

01

Total Study Average
Northbound

| Time | FHWA Vehicle Classification |  |  |  |  |  |  |  |  |  |  |  |  | Total Volume |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |  |
| 12:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 AM | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 6:00 AM | 0 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 7:00 AM | 0 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 8:00 AM | 0 | 8 | 6 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| 9:00 AM | 0 | 6 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 10:00 AM | 1 | 13 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| 11:00 AM | 0 | 3 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 12:00 PM | 0 | 6 | 5 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 1:00 PM | 0 | 9 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| 2:00 PM | 0 | 3 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 3:00 PM | 0 | 9 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 4:00 PM | 1 | 6 | 5 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 5:00 PM | 0 | 7 | 5 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 6:00 PM | 0 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 7:00 PM | 0 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 8:00 PM | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 9:00 PM | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 10:00 PM | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 11:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 2 | 86 | 41 | 1 | 26 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 159 |
| Percent | 1.3\% | 54.1\% | 25.8\% | 0.6\% | 16.4\% | 1.9\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% |  |

Note: Average only condsidered on days with 24-hours of data.

Location:

Total Study Average

## Southbound

| Time | FHWA Vehicle Classification |  |  |  |  |  |  |  |  |  |  |  |  | Total Volume |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |  |
| 12:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 AM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 4:00 AM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 5:00 AM | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6:00 AM | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 7:00 AM | 0 | 7 | 5 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 8:00 AM | 0 | 4 | 2 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 9:00 AM | 0 | 3 | 4 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 10:00 AM | 0 | 6 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 11:00 AM | 1 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 12:00 PM | 0 | 11 | 6 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| 1:00 PM | 0 | 6 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 2:00 PM | 0 | 9 | 5 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 3:00 PM | 0 | 13 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| 4:00 PM | 0 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 5:00 PM | 0 | 4 | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 6:00 PM | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 7:00 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8:00 PM | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 9:00 PM | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 10:00 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 11:00 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Total | 1 | 83 | 38 | 0 | 26 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 149 |
| Percent | 0.7\% | 55.7\% | 25.5\% | 0.0\% | 17.4\% | 0.7\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% |  |

Note: Average only condsidered on days with 24-hours of data.

Location: Pescadero Creek Rd, North of Burns Valley Rd
Date Range: $\quad 11 / 17 / 2020$ to 11/17/2020
Site Code:
01

3-Day (Tuesday - Thursday) Average
Northbound

| Time | FHWA Vehicle Classification |  |  |  |  |  |  |  |  |  |  |  |  | Total Volume |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |  |
| 12:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 AM | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 6:00 AM | 0 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 7:00 AM | 0 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 8:00 AM | 0 | 8 | 6 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| 9:00 AM | 0 | 6 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 10:00 AM | 1 | 13 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| 11:00 AM | 0 | 3 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 12:00 PM | 0 | 6 | 5 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 1:00 PM | 0 | 9 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| 2:00 PM | 0 | 3 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 3:00 PM | 0 | 9 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 4:00 PM | 1 | 6 | 5 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 5:00 PM | 0 | 7 | 5 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 6:00 PM | 0 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 7:00 PM | 0 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 8:00 PM | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 9:00 PM | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 10:00 PM | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 11:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 2 | 86 | 41 | 1 | 26 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 159 |
| Percent | 1.3\% | 54.1\% | 25.8\% | 0.6\% | 16.4\% | 1.9\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% |  |

Location: Pescadero Creek Rd, North of Burns Valley Rd
Date Range:
Site Code:

## 11/17/2020 to 11/17/2020

01

## 3-Day (Tuesday - Thursday) Average

Southbound

| Time | FHWA Vehicle Classification |  |  |  |  |  |  |  |  |  |  |  |  | Total Volume |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |  |
| 12:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 AM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 4:00 AM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 5:00 AM | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6:00 AM | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 7:00 AM | 0 | 7 | 5 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 8:00 AM | 0 | 4 | 2 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 9:00 AM | 0 | 3 | 4 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 10:00 AM | 0 | 6 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 11:00 AM | 1 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 12:00 PM | 0 | 11 | 6 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| 1:00 PM | 0 | 6 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 2:00 PM | 0 | 9 | 5 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 3:00 PM | 0 | 13 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| 4:00 PM | 0 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 5:00 PM | 0 | 4 | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 6:00 PM | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 7:00 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8:00 PM | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 9:00 PM | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 10:00 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 11:00 PM | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Total | 1 | 83 | 38 | 0 | 26 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 149 |
| Percent | 0.7\% | 55.7\% | 25.5\% | 0.0\% | 17.4\% | 0.7\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% |  |

## Location: Pescadero Creek Rd, North of Burns Valley Rd

Count Direction: Northbound / Southbound
Date Range: $\quad 11 / 17 / 2020$ to 11/17/2020
Site Code: 01


| Total Study Percentile Speed Summary |  | Total Study Speed Statistics |  |  |  |
| :--- | ---: | :---: | :--- | ---: | :--- |
| Northbound |  |  | Northbound |  | 33.6 |
| 50th Percentile (Median) | 33.8 | mph | Mean (Average) Speed | $30.9-40.9$ | mph |
| 85th Percentile | 39.4 | mph | 10 mph Pace | 69.8 | $\%$ |
| 95th Percentile | 41.6 | mph | Percent in Pace |  |  |
| Southbound |  |  | Southbound | 35.7 | mph |
| 50th Percentile (Median) | 36.7 | mph | Mean (Average) Speed | $31.9-41.9$ | mph |
| 85th Percentile | 42.9 | mph | 10 mph Pace | 61.7 | $\%$ |
| 95th Percentile | 46.8 | mph | Percent in Pace |  |  |

Tuesday, November 17, 2020

## Northbound

| Time | Speed Range (mph) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Total Volume |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0-10 | 10-15 | 15-20 | 20-25 | 25-30 | 30-35 | 35-40 | 40-45 | 45-50 | 50-55 | 55-60 | 60-65 | 65-70 | 70-75 | 75-80 | 80-85 | $85+$ |  |
| 12:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 AM | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 6:00 AM | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 7:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 8:00 AM | 0 | 0 | 0 | 1 | 3 | 7 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| 9:00 AM | 0 | 0 | 0 | 0 | 2 | 0 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 10:00 AM | 0 | 0 | 0 | 0 | 3 | 4 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| 11:00 AM | 0 | 0 | 0 | 2 | 1 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 12:00 PM | 0 | 1 | 0 | 1 | 3 | 4 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 1:00 PM | 0 | 0 | 0 | 0 | 1 | 8 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| 2:00 PM | 0 | 0 | 0 | 1 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 3:00 PM | 0 | 0 | 0 | 3 | 3 | 4 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 4:00 PM | 0 | 0 | 2 | 2 | 0 | 5 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 5:00 PM | 0 | 0 | 0 | 0 | 3 | 9 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 6:00 PM | 0 | 0 | 0 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 7:00 PM | 0 | 0 | 0 | 0 | 2 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 8:00 PM | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 9:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 10:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 11:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 1 | 2 | 10 | 24 | 54 | 51 | 15 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 159 |
| Percent | 0.0\% | 0.6\% | 1.3\% | 6.3\% | 15.1\% | 34.0\% | 32.1\% | 9.4\% | 1.3\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% |  |


| Daily Percentile Speed Summary |  | Speed Statistics |  |  |  |
| :--- | ---: | :--- | :--- | ---: | :---: |
| 50th Percentile (Median) | 33.8 | mph | Mean (Average) Speed | 33.6 | mph |
| 85th Percentile | 39.4 | mph | 10 mph Pace | $30.9-40.9$ | mph |
| 95th Percentile | 41.6 | mph | Percent in Pace | 69.8 | $\%$ |

Tuesday, November 17, 2020

## Southbound

| Time | Speed Range (mph) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Total Volume |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0-10 | 10-15 | 15-20 | 20-25 | 25-30 | 30-35 | 35-40 | 40-45 | 45-50 | 50-55 | 55-60 | 60-65 | 65-70 | 70-75 | 75-80 | 80-85 | $85+$ |  |
| 12:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 4:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 5:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6:00 AM | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 7:00 AM | 0 | 1 | 0 | 1 | 0 | 1 | 5 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 8:00 AM | 0 | 0 | 0 | 0 | 2 | 4 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 9:00 AM | 0 | 0 | 0 | 0 | 1 | 2 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 10:00 AM | 0 | 0 | 2 | 0 | 0 | 0 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 11:00 AM | 0 | 0 | 0 | 2 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 12:00 PM | 0 | 0 | 0 | 3 | 0 | 10 | 5 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| 1:00 PM | 0 | 0 | 1 | 2 | 2 | 0 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 2:00 PM | 0 | 1 | 0 | 1 | 0 | 3 | 7 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 3:00 PM | 0 | 0 | 1 | 1 | 2 | 1 | 7 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| 4:00 PM | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 5:00 PM | 0 | 0 | 1 | 0 | 0 | 2 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 6:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 7:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8:00 PM | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 9:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 10:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 11:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Total | 0 | 2 | 5 | 12 | 9 | 23 | 57 | 28 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 149 |
| Percent | 0.0\% | 1.3\% | 3.4\% | 8.1\% | 6.0\% | 15.4\% | 38.3\% | 18.8\% | 8.7\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% |  |


| Daily Percentile Speed Summary |  | Speed Statistics |  |  |  |
| :--- | ---: | :--- | :--- | ---: | :---: |
| 50th Percentile (Median) | 36.7 | mph | Mean (Average) Speed | 35.7 | mph |
| 85th Percentile | 42.9 | mph | 10 mph Pace | $31.9-41.9$ | mph |
| 95th Percentile | 46.8 | mph | Percent in Pace | 61.74 | $\%$ |

DATA SOLUTIONS

Total Study Average
Northbound

| Time | Speed Range (mph) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Total Volume |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0-10 | 10-15 | 15-20 | 20-25 | 25-30 | 30-35 | 35-40 | 40-45 | 45-50 | 50-55 | 55-60 | 60-65 | 65-70 | 70-75 | 75-80 | 80-85 | $85+$ |  |
| 12:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5:00 AM | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 6:00 AM | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 7:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 8:00 AM | 0 | 0 | 0 | 1 | 3 | 7 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| 9:00 AM | 0 | 0 | 0 | 0 | 2 | 0 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 10:00 AM | 0 | 0 | 0 | 0 | 3 | 4 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| 11:00 AM | 0 | 0 | 0 | 2 | 1 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 12:00 PM | 0 | 1 | 0 | 1 | 3 | 4 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 1:00 PM | 0 | 0 | 0 | 0 | 1 | 8 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| 2:00 PM | 0 | 0 | 0 | 1 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 3:00 PM | 0 | 0 | 0 | 3 | 3 | 4 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 4:00 PM | 0 | 0 | 2 | 2 | 0 | 5 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 5:00 PM | 0 | 0 | 0 | 0 | 3 | 9 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 6:00 PM | 0 | 0 | 0 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 7:00 PM | 0 | 0 | 0 | 0 | 2 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 8:00 PM | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 9:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 10:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 11:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 1 | 2 | 10 | 24 | 54 | 51 | 15 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 159 |
| Percent | 0.0\% | 0.6\% | 1.3\% | 6.3\% | 15.1\% | 34.0\% | 32.1\% | 9.4\% | 1.3\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% |  |

Note: Average only condsidered on days with 24-hours of data.

| Total Study Percentile Speed Summary |  | Total Study Speed Statistics |  |  |  |
| :--- | :--- | :--- | :--- | ---: | :--- |
| 50th Percentile (Median) | 33.8 | mph | Mean (Average) Speed | 33.6 | mph |
| 85th Percentile | 39.4 | mph | 10 mph Pace | $30.9-40.9$ | mph |
| 95th Percentile | 41.6 | mph | Percent in Pace | 69.8 | $\%$ |

DATA SOLUTIONS

Total Study Average
Southbound

| Time | Speed Range (mph) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Total Volume |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0-10 | 10-15 | 15-20 | 20-25 | 25-30 | 30-35 | 35-40 | 40-45 | 45-50 | 50-55 | 55-60 | 60-65 | 65-70 | 70-75 | 75-80 | 80-85 | $85+$ |  |
| 12:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 4:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 5:00 AM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6:00 AM | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 7:00 AM | 0 | 1 | 0 | 1 | 0 | 1 | 5 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 8:00 AM | 0 | 0 | 0 | 0 | 2 | 4 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 9:00 AM | 0 | 0 | 0 | 0 | 1 | 2 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 10:00 AM | 0 | 0 | 2 | 0 | 0 | 0 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 11:00 AM | 0 | 0 | 0 | 2 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 12:00 PM | 0 | 0 | 0 | 3 | 0 | 10 | 5 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| 1:00 PM | 0 | 0 | 1 | 2 | 2 | 0 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 2:00 PM | 0 | 1 | 0 | 1 | 0 | 3 | 7 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 3:00 PM | 0 | 0 | 1 | 1 | 2 | 1 | 7 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| 4:00 PM | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 5:00 PM | 0 | 0 | 1 | 0 | 0 | 2 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 6:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 7:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8:00 PM | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 9:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 10:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 11:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Total | 0 | 2 | 5 | 12 | 9 | 23 | 57 | 28 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 149 |
| Percent | 0.0\% | 1.3\% | 3.4\% | 8.1\% | 6.0\% | 15.4\% | 38.3\% | 18.8\% | 8.7\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% |  |

Note: Average only condsidered on days with 24 -hours of data.

| Total Study Percentile Speed Summary |  | Total Study Speed Statistics |  |  |  |
| :--- | :--- | :--- | :--- | ---: | :--- |
| 50th Percentile (Median) | 36.7 | mph | Mean (Average) Speed | 35.7 | mph |
| 85th Percentile | 42.9 | mph | 10 mph Pace | $31.9-41.9$ | mph |
| 95th Percentile | 46.8 | mph | Percent in Pace | 61.7 | $\%$ |

DATA SOLUTIONS

| Time | Tuesday |  |  | Wednesday |  |  | Thursday |  |  | Friday |  |  | Saturday |  |  | Sunday |  |  | Monday |  |  | Mid-Week Average |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 11/17/2020 |  |  | 11/18/2020 |  |  | 11/19/2020 |  |  | 11/20/2020 |  |  | 11/21/2020 |  |  | 11/22/2020 |  |  | 11/23/2020 |  |  |  |  |  |
|  | NB | SB | Total | NB | SB | Total | NB | SB | Total | NB | SB | Total | NB | SB | Total | NB | SB | Total | NB | SB | Total | NB | SB | Total |
| 12:00 AM | 0 | 0 | 0 |  | - | - | - | - |  | - |  |  | - |  | - |  | - | - |  | - |  | 0 | 0 | 0 |
| 1:00 AM | 0 | 0 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | 0 | 0 |
| 2:00 AM | 0 | 0 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | 0 | 0 |
| 3:00 AM | 0 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | 1 | 1 |
| 4:00 AM | 0 | 1 | 1 |  | - | - | - | - |  | - |  |  | - |  | - |  | - | - |  | - |  | 0 | 1 | 1 |
| 5:00 AM | 2 | 1 | 3 | - | - | - | - | - | - | . | - | - | . | - | - | - | - | - | - | - | - | 2 | 1 | 3 |
| 6:00 AM | 5 | 3 | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - |  | - | - | - | - | 5 | 3 | 8 |
| 7:00 AM | 5 | 14 | 19 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5 | 14 | 19 |
| 8:00 AM | 18 | 10 | 28 |  | - | . | - | . |  | - | - |  | - |  | - |  | - | - |  | - |  | 18 | 10 | 28 |
| 9:00 AM | 9 | 10 | 19 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 9 | 10 | 19 |
| 10:00 AM | 17 | 11 | 28 |  | - | - |  | - |  | - |  |  | - |  | - |  | - | - |  | - |  | 17 | 11 | 28 |
| 11:00 AM | 8 | 6 | 14 | $\cdots$ | - | $\cdots$ | $\cdots$ | $\ldots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | $\ldots$ | $\ldots$ | $\cdots$ | . | $\cdots$ | - | $\cdots$ | $\cdots$ | $\cdots$ | 8 | 6 | 14. |
| 12:00 PM | 16 | 20 | 36 |  | - |  |  | - |  | - |  |  | - |  | - |  | - | - |  | - |  | 16 | 20 | 36 |
| 1:00 PM | 12 | 11 | 23 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 12 | 11 | 23 |
| 2:00 PM | 6 | 16 | 22 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6 | 16 | 22 |
| 3:00 PM | 14 | 17 | 31 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 14 | 17 | 31 |
| 4:00 PM | 14 | 7 | 21 |  | - | - | - | - |  | - | - |  | - |  | - |  | - | - |  | - | - | 14 | 7 | 21 |
| 5:00 PM | 15 | 10 | 25 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 15 | 10 | 25 |
| 6:00 PM | 5 | 3 | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |  | - | - | 5 | 3 | 8 |
| 7:00 PM | 7 | 1 | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 7 | 1 | 8 |
| 8:00 PM | 2 | 1 | 3 |  | - | - |  | - |  | - | - | - | - |  | - |  | - | - |  | - | - | 2 | 1 | 3 |
| 9:00 PM | 2 | 4 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | 4 | 6 |
| 10:00 PM | 2 | 1 | 3 |  | - | - |  | - |  | - |  |  | - |  | - |  | - | - |  | - |  | 2 | 1 | 3 |
| 11:00 PM | 0 | 1 | 1 | - | $-$ | - | - | - | - | $-$ | - | - | - | - | $-$ | - | $-$ | - | - | $-$ | - | 0 | 1 | 1 |
| Total | 159 | 149 | 308 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 159 | 149 | 308 |
| Percent | 52\% | 48\% | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 52\% | 48\% | - |
| AM Peak | 08:00 | 07:00 | 08:00 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 08:00 | 07:00 | 08:00 |
| Vol. | 18 | 14 | 28 | - | $-$ | - | $\square$ | $\cdots$ | - | $\cdots$ | - | - | - | - | - | - | - | $\square$ | - | - | - | 18 | 14 | 28 |
| PM Peak | 12:00 | 12:00 | 12:00 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 12:00 | 12:00 | 12:00 |
| Vol. | 16 | 20 | 36 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 16 | 20 | 36 |

1. Mid-week average includes data between Tuesday and Thursday.

[^0]:    4 North Second Street, Suite 400•San Jose, California $95113 \cdot$ phone $408.971 .6100 \cdot$ fax $408.971 .6102 \cdot$ www.hextrans.com

