



City of Salinas

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2025 Engineering and Traffic Survey For Speed Limits Technical Report

PREPARED BY:

**City of Salinas
Public Works Department
Traffic and Transportation Division
200 Lincoln Avenue
Salinas, CA 93901**

CERTIFICATION

I, Adriana Robles, do hereby certify that this Engineering and Traffic Survey for the City of Salinas was performed under my supervision. I certify that I am experienced in performing surveys of this type and duly registered in the State of California as professional Civil Engineer.

A handwritten signature of Adriana Robles in blue ink, written over a horizontal line.

Adriana Robles, PE, CFM
City Engineer

INTRODUCTION:

The 2025 Engineering and Traffic Surveys (E&TS) in the City of Salinas fulfills California Vehicle Code (CVC) Sections 22357 and 22358, which require local agencies to follow certain procedures established by the State of California. The E&TS are intended to serve as the basis for establishing and enforcing the speed limits for specific streets in the City. The work herein by the City Traffic and Transportation Engineering Division staff, in accordance with the California CVC Section 40802, reviews the established speed limit sections to determine whether changes in existing conditions have occurred which may require adjusting the posted speed limit.

Engineering and Traffic Surveys for speed limits are regularly conducted once every five (5) years by governing municipalities for the purpose of complying with Section 40802 of the CVC and the national Uniform Vehicle Code. E&TS may be extended to every seven (7) years if the arresting officer has completed device training and the device has been recently calibrated. E&TS may be extended every fourteen (14) years if a registered engineer evaluates the section of the highway and determines that no significant changes in roadway or surrounding land uses have occurred as specified in the CVC. An E&TS should be conducted on new roadways or where traffic conditions have changed significantly.

The California Manual on Uniform Traffic Control Devices (CA-MUTCD), as required under CVC 21400, defines standards for posting speed limits that rely upon collecting speed data in the field to determine the 85th percentile speed, which is subsequently rounded upward or downward to the nearest 5 mile per hour increment. The CA-MUTCD allows for options to further reduce the speed limit. Additionally, local authorities are allowed to further reduce speed limits to consider the safety of vulnerable pedestrians under Assembly Bill No. 43. **Table 1: Engineering and Traffic Survey Summary** summarizes the findings and recommendations for speed limits on those segments. The results of the E&TS will be valid until 2030, see Table 1 for details, unless extended through additional criteria.

METHODOLOGY:

On January 1, 2012, CVC 21400(b) became effective requiring the California, Department of Transportation (Caltrans) to revise the CA-MUTCD so that speed limits are based on field-collected speed data. A spot speed survey that typically consists of measuring vehicle speeds with an electronic device, most commonly a radar speed detector. Traffic traveling at free-flow speeds in each direction for a two-way street is collected and compiled to create a data set. The most significant data point collected is the 85th percentile speed, which is the speed at or below which 85 percent of motor vehicles travel. The 85th percentile speed is the industry standard data point which typically represents one standard deviation above the average speed and establishes the upper limit of what is considered reasonable and prudent. The reason that speed limit areas are established and posted is to guard reasonable drivers from the unreasonable behavior of a reckless or otherwise dangerous drivers. As with other laws, speed limits are established based on the consensus of the majority of those who drive a section of roadway as to what speed is reasonable and safe.

As specified in the California MUTCD Section 2B.13, the posted speed limit “shall be established at the nearest 5 mph increment of the 85th percentile speed of free-flowing traffic.” Additionally, the MUTCD allows the posted speed limit to be lowered by no more than 5 mph from a rounded speed, using one of two options that depend on whether the 85th percentile speed has been rounded down or up. The options may be applied as follows:

1. MUTCD Section 2B.13 states, “The posted speed may be reduced by 5 mph from the nearest 5-mph increment of the 85th percentile speed, in compliance with CVC Sections 627 and 22358.5.” The cited CVC Section 627 defines an E&T survey that is required to consider prevailing speeds, accident records, and conditions not readily apparent to the driver, and optionally consider residential density as well as pedestrian and bicycle safety. According to the MUTCD, this option requires documentation of an E&T Survey that “shall document in writing the conditions and justification for the lower speed limit and be approved by a registered Civil or Traffic Engineer.” The basis for a speed limit that is more than 5 mph lower than the 85th percentile speed is something other than prevailing speeds. In regard to conditions not readily apparent to the driver, CVC 22358 states that “physical conditions such as width, curvature, grade and surface conditions, or any other condition readily apparent to a driver, in the absence of other factors, would not require special downward speed zoning.”

2. MUTCD Section 2B.13 12a also states “For cases in which the nearest 5-mph increment of the 85th percentile speed would require a rounding up, then the speed limit may be rounded down to the nearest 5-mph increment below the 85th percentile speed, if no further reduction is used.” An Option 2 round-down, which became available when CVC Section 21400(b) went into effect January 1, 2012, requires no E&T Survey to post the speed limit sign. The E&T Survey is required nevertheless, however, to allow radar or similar devices to be used for enforcement.

Neither the Vehicle Code nor the MUTCD provide much specific guidance regarding accident data or pedestrian or bicycle safety. In contrast, CVC 627(c)(1) provides specific guidance on residential density. Many residential neighborhoods in Salinas meet the density threshold of 16 separate dwelling houses or business structures per quarter mile. The statute does not apply to roads within a business district.

While the California MUTCD allows two options for lowering the posted speed, it has no provision for raising the speed limit above the nearest 5-mph increment of the 85th percentile speed.

SUMMARY OF RECOMMENDATIONS:

The results of the Engineering and Traffic Survey for nineteen (19) roadway sections are listed in **Table 1: Engineering and Traffic Survey Summary:**

ENGINEERING AND TRAFFIC SURVEYS EXPIRING 2030:

Decreased

5) Airport Boulevard between Skyway Boulevard and Hansen Street - This segment of Airport Boulevard is classified as a collector in the City of Salinas General Plan. The surrounding land use includes industrial and business use. Speed data collected on April 23, 2025, revealed the 85th percentile speed of 39 mph. The 10 mph pace ranges from 30 mph to 39 mph and suggests the 85th percentile is within this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speeds rounded up, the existing speed limit of 45 mph should be reduced to 40 mph.

20) Casentini Street between North Main Street and Rico Street - This segment of Casentini Street is classified as a collector in the City of Salinas General Plan. The surrounding land use includes fronting residential and commercial areas. Casentini Street was presented to the Salinas City Council on January 10, 2023, as part of the 2022 Engineering and Traffic Surveys where through Resolution No. 22555, Council rejected retaining the existing posted speed limit of 35 mph. City staff resurveyed the segment of Casentini Street on April 18, 2025, and recorded an 85th percentile speed of 36 mph. The 10 mph pace ranges from 26 mph to 35 mph and suggests the 85th percentile is above this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speeds rounded down and reduced by 5 mph per MUTCD option 1, the existing posted speed limit of 35 mph should be changed to establish 30 mph.

Unchanged

3) Abbott Street between South Sanborn Road/East Blanco Road and Harkins Road - This segment of Abbott Street is classified as a major arterial in the City of Salinas General Plan. The surrounding land use includes industrial use. Speed data collected on April 22, 2025, revealed the 85th percentile speed of 42 mph. The 10 mph pace ranges from 31 mph to 40 mph and suggests the 85th percentile is above this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speeds rounded down, the existing posted speed limit of 40 mph should be retained.

27) Constitution Boulevard between Independence Boulevard and East Boronda Road - This segment of Constitution Boulevard is classified as a minor arterial in the City of Salinas General Plan. The surrounding land use includes backing residential homes, retail, and park use. Speed data collected on April 8, 2025, revealed the 85th percentile speed of 46 mph. The 10 mph pace ranges from 36 mph to 45 mph and suggests the 85th percentile is above this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speeds rounded down, and reduced by 5 mph per MUTCD option 1, the existing posted speed limit of 40 mph should be retained.

45) Romie Lane between Riker Street and Abbott Street - This segment of East Romie Lane is classified as a minor arterial in the City of Salinas General Plan. The surrounding land use includes residential homes, retail, office, hospital, and park use. Speed data collected on April 22, 2025, revealed the 85th percentile speed of 35 mph. The 10 mph pace ranges from 26 mph to 35 mph and suggests the 85th percentile is within this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speeds reduced by 5 mph per MUTCD option 1, the existing posted speed limit of 30 mph should be retained.

47) Natividad Road between East Laurel Drive and East Bernal Drive - This segment of Natividad Road is classified as a major arterial in the City of Salinas General Plan. The surrounding land use includes fronting and backing residential homes and commercial businesses. Speed data collected on May 28, 2025, revealed the 85th percentile speed of 39 mph. The 10 mph pace ranges from 28 mph to 37 mph and suggests the 85th percentile is above this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speeds rounded up, the existing posted speed limit of 40 mph should be retained.

55) Linwood Drive between East Laurel Drive and East Alvin Drive - This segment of Linwood Drive is classified as a collector in the City of Salinas General Plan. The surrounding land use includes fronting residential homes and a school. Linwood Drive was presented to the Salinas City Council on January 10, 2023, as part of the 2022 Engineering and Traffic Surveys where through Resolution No. 22555, Council rejected an increase in the existing posted speed limit from 25 mph to 30 mph. City staff resurveyed the segment of Linwood Drive on April 23, 2025, and recorded an 85th percentile speed of 34 mph. The 10 mph pace ranges from 27 mph to 36 mph and suggests the 85th percentile is within this range. Based on the surrounding land use, the 10 mph pace range, the prevailing speeds rounded up and reduced by 5 mph per

MUTCD option 2, and following the implementation of Assembly Bill No. 43, authorizing local authority to further reduce speed limits by 5-mph if the roadway is adjacent to high concentration of bicyclists and pedestrians, the existing posted speed limit of 25 mph should be established.

63) San Juan Grade Road between North Main Street and Russell Road - This segment of San Juan Grade Road is classified as a major arterial in the City of Salinas General Plan. The surrounding land use includes backing and fronting residential homes, retail, office, and agricultural use. Speed data collected on April 8, 2025, revealed the 85th percentile speed of 49 mph. The 10 mph pace ranges from 37 mph to 46 mph and suggests that the 85th percentile is above this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speeds rounded up and reduced by 5 mph per MUTCD option 2, the existing posted speed limit of 45 mph should be retained.

109) Navajo Drive between Adams Street and North Main Street - This segment of Navajo Drive is classified as a collector in the City of Salinas General Plan. The surrounding land use includes fronting residential homes and retail use. Speed data collected on April 18, 2025, revealed the 85th percentile speed of 31 mph. The 10 mph pace ranges from 23 mph to 32 mph and suggests the 85th percentile is within this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speed rounded down and reduced by 5 mph per MUTCD option 1, the existing posted speed limit of 25 mph should be retained.

110) Villa Street between West Market Street and Central Avenue - This segment of Villa Street is classified as a collector street in the City of Salinas General Plan. The surrounding land use includes fronting residential homes, a park, and a school. Speed data collected on May 20, 2025, revealed the 85th percentile speed of 26 mph. The 10 mph pace ranges from 18 mph to 27 mph and suggests the 85th percentile is within this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speeds rounded down, the existing posted speed limit of 25 mph should be retained.

111) Maple Street between South Main Street and Abbott Street - This segment of Maple Street is classified as a collector in the City of Salinas General Plan. The surrounding land use includes fronting residential homes, parks, and a school. Speed data collected on April 23, 2025, revealed the 85th percentile speed of 26 mph. The 10 mph pace ranges from 18 mph to 27 mph and suggests the 85th percentile is within this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speeds rounded down, the existing posted speed limit of 25 mph should be retained.

112) Clay Street between Iverson Drive and South Main Street - This segment of Clay Street is classified as a collector in the City of Salinas General Plan. The surrounding land use includes fronting residential homes, parks, offices, and a school. Speed data collected on April 28, 2025, revealed the 85th percentile speed of 29 mph. The 10 mph pace ranges from 20 mph to 29 mph and suggests the 85th percentile is within this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speeds rounded up and reduced by 5 mph per MUTCD option 2, the existing posted speed limit of 25 mph should be retained.

113) Lincoln Avenue between West Market Street and Clay Street - This segment of Lincoln Avenue is classified as a minor arterial in the City of Salinas General Plan. The surrounding land use includes office, residential, and commercial use. Speed data collected on May 6, 2025, revealed the 85th percentile speed of 29 mph. The 10 mph pace ranges from 20 mph to 29 mph and suggests the 85th percentile is within this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speeds rounded up and reduced by 5 mph per MUTCD option 2, the existing posted speed limit of 25 mph should be retained.

114) Salinas Street between West Market Street and Clay Street - This segment of Salinas Street is classified as a major arterial in the City of Salinas General Plan. The surrounding land use includes business use. Speed data collected on April 25, 2025, revealed the 85th percentile speed of 22 mph. The 10 mph pace ranges from 15 mph to 24 mph and suggests the 10 mph pace is within this range. More than 50% of the property contiguous to one side of Salinas Street is occupied by businesses, meeting the criteria of a business district as defined in Section 235 of the CVC. Section 22352 of the CVC sets the prima facie speed limit for business districts of 25 mph. Based on the surrounding land use, the 10 mph pace range, and Section 22352 of the CVC, the existing posted speed limit of 25 mph should be retained.

116) Pajaro Street between East Market Street and East Blanco Road - This segment of Pajaro Street is classified as a

minor arterial in the City of Salinas General Plan. The surrounding land use includes fronting residential homes and office use. Speed data collected on April 25, 2025, revealed the 85th percentile speed of 31 mph. The 10 mph pace ranges from 23 mph to 32 mph and suggests the 85th percentile is within this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speeds rounded down and reduced by 5 mph per MUTCD option 1, the existing posted speed limit of 25 mph should be retained.

117) Hebbroon Avenue between East Market Street and John Street - This segment of Hebbroon Avenue is classified as a collector in the City of Salinas General Plan. The surrounding land use includes fronting residential homes and office areas. Speed data collected on June 4, 2025, revealed the 85th percentile speed of 28 mph. The 10 mph pace ranges from 20 mph to 29 mph and suggests the 85th percentile is within this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speeds rounded up and reduced by 5 mph per MUTCD option 2, the existing posted speed limit of 25 mph should be retained.

118) Tyler Street between West Laurel Drive and Iris Drive - This segment of Tyler Street is classified as a collector in the City of Salinas General Plan. The surrounding land use includes fronting residential homes. Speed data collected April 28, 2025, revealed the 85th percentile speed of 26 mph. The 10 mph pace ranges from 19 mph to 28 mph and suggests the 85th percentile speed is within this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speeds rounded down, the existing posted speed limit of 25 mph should be retained.

121) Los Palos Drive between San Miguel Avenue and Abbott Street - This segment of Los Palos Drive is classified as a collector in the City of Salinas General Plan. The surrounding land use includes residential homes, hospital, office, and park use. Speed data collected on April 25, 2025, revealed the 85th percentile speed of 28 mph. The 10 mph pace ranges from 17 mph to 26 mph and suggests the 85th percentile is above this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speeds rounded up and reduced by 5 mph per MUTCD option 2, the existing posted speed limit of 25 mph should be retained.

129) East Rossi Street between North Main Street and Sherwood Drive - This segment of East Rossi Street is classified as a minor arterial in the City of Salinas General Plan. The surrounding land use includes residential and industrial use. East Rossi Street was presented to the Salinas City Council on January 10, 2023, as part of the 2022 Engineering and Traffic Surveys where through Resolution No. 22555, Council rejected an increase in the existing posted speed limit from 25 mph to 30 mph. City staff resurveyed the segment of East Rossi Street on May 12, 2025, and recorded an 85th percentile speed of 31 mph. The 10 mph pace ranges from 24 mph to 33 mph and suggests the 85th percentile is within this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speeds rounded down and reduced by 5 mph per MUTCD option 1, the existing posted speed limit of 25 mph should be established.

CONCLUSIONS:

The Engineering and Traffic Surveys contained in **Appendix A** of this report are intended to establish and justify posted speed limits that can be enforced by radar. The posted speed limits advise the motorist and enforcement agencies of speeds considered reasonable for a particular section of highway for prevailing conditions. The posted speed limits are not absolute maximums, but rather prima facie speed limits for which violations would be cited under the Basic Speed Law (Section 22350 of the CVC). CVC 22350 states that a person shall not drive a vehicle at a speed greater than is safe, having regard for traffic, roadway, and weather conditions. A prima facie limit merely suggests a safe speed under normal conditions.

Table 1: Engineering and Traffic Survey Summary

| No. | Street | Segment | Existing Speed Limit (mph) | 85 th -Percentile Speed (mph) | | | MUTCD Applied Reduction Option | Survey Expiration |
|-----|------------------------|---|----------------------------|--|---------|-------------|--------------------------------|-------------------|
| | | | | Measured | Rounded | Recommended | | |
| 3 | Abbott Street | South Sanborn Road/East Blanco Road to Harkins Road | 40 | 42 | 40 | 40 | 1 | 04/22/2030 |
| 5 | Airport Boulevard | Skyway Boulevard to Hansen Street | 45 | 39 | 40 | 40 | 2 | 04/23/2030 |
| 20 | Casentini Street | North Main Street to Rico Street | 35 ¹ | 36 | 35 | 30 | 1 | 04/18/2030 |
| 27 | Constitution Boulevard | Independence Boulevard to East Boronda Road | 40 | 46 | 45 | 40 | 1 | 04/08/2030 |
| 45 | Romie Lane | Riker Street to Abbott Street | 30 | 35 | - | 30 | 1 | 04/22/2030 |
| 47 | Natividad Road | East Laurel Drive to East Bernal Drive | 40 | 39 | 40 | 40 | - | 05/28/2030 |
| 55 | Linwood Drive | East Laurel Drive to East Alvin Drive | 25 ² | 34 | 35 | 25 | 2 | 04/23/2030 |
| 63 | San Juan Grade Road | North Main Street to Russell Road | 45 | 49 | 50 | 45 | 2 | 04/08/2030 |
| 109 | Navajo Drive | Adams Street to North Main Street | 25 | 31 | 30 | 25 | 1 | 04/18/2030 |
| 110 | Villa Street | West Market Street to Central Avenue | 25 | 26 | 25 | 25 | - | 05/20/2030 |
| 111 | Maple Street | South Main Street to Abbott Street | 25 | 26 | 25 | 25 | - | 04/23/2030 |
| 112 | Clay Street | Iverson Street to South Main Street | 25 | 29 | 30 | 25 | 2 | 04/28/2030 |
| 113 | Lincoln Avenue | West Market Street to Clay Street | 25 | 29 | 30 | 25 | 2 | 05/06/2030 |
| 114 | Salinas Street | West Market Street to Clay Street | 25 | 22 | 25 | 25 | - | 04/25/2030 |
| 116 | Pajaro Street | East Market Street to East Blanco Road | 25 | 31 | 30 | 25 | 1 | 04/25/2030 |
| 117 | Hebbron Avenue | East Market Street to John Street | 25 | 28 | 30 | 25 | 2 | 06/04/2030 |
| 118 | Tyler Street | East Laurel Drive to Iris Drive | 25 | 26 | 25 | 25 | - | 04/28/2030 |
| 121 | Los Palos Drive | San Miguel Avenue to Abbott Street | 25 | 28 | 30 | 25 | 2 | 04/22/2030 |
| 129 | East Rossi Street | North Main Street to Sherwood Drive | 25 | 31 | 30 | 25 | 1 | 05/12/2030 |

¹Not valid posted speed limit.

²AB43 applied.

COLLISION HISTORY

The Engineering and Traffic Survey forms summarize the available collision information for each of the street segments. The collision information was obtained from the City of Salinas from January 1, 2022 to December 31, 2023. For this analysis, only collisions during the 2-year period between January 1, 2022 to December 31, 2023 were considered. The collisions were reviewed and only corridor related collisions, those not related to signalized intersections, were summarized for each segment. Based on the number of total collisions studied over the 2-year period and average daily traffic (ADT) counts, a collision rate was calculated for each segment. The collision rates for each segment were compared to the statewide average rate listed in the 2022 Collision Data on California State Highways, to provide a general comparison of the collision rates on the segments to expected collisions rates for similar types of roadways, shown in **Table 2: Collision Rate Summary**.

| Lane Type | Total Statewide Urban Collision Rate (2020, 2021, 2022) (Total per million vehicle miles) |
|----------------------|---|
| 2 and 3 lane | 1.07 |
| 4+ lanes (undivided) | 1.33 |
| 4+ lanes (divided) | 0.99 |

Table 2: Collision Rate Summary








| No. | Street | Segment | Existing Facility | Length (mi) | AADT | Collisions (2 years) (2022-2023) | Collision Rate (Acc./MVM) | Statewide Collision Rate (Acc./MVM) |
|-----|------------------------|---|----------------------|-------------|--------|----------------------------------|---------------------------|-------------------------------------|
| 3 | Abbott Street | South Sanborn Road/East Blanco Road to Harkins Road | 4+ lanes (undivided) | 0.57 | 22,599 | 4 | 0.43 | 1.33 |
| 5 | Airport Boulevard | Skyway Boulevard to Hansen Street | 4+ lanes (undivided) | 1.13 | 10,757 | 6 | 0.67 | 1.33 |
| 20 | Casentini Street | North Main Street to Rico Street | 2 and 3 lane | 0.44 | 4,419 | 6 | 4.23 | 1.07 |
| 27 | Constitution Boulevard | Independence Boulevard to East Boronda Road | 4+ lanes (divided) | 1.19 | 10,572 | 14 | 1.52 | 0.99 |
| 45 | East Romie Lane | Riker Street to Abbott Street | 2 and 3 lane | 1.41 | 8,168 | 3 | 0.36 | 1.07 |
| 47 | Natividad Road | East Laurel Drive to East Bernal Drive | 4+ lanes (undivided) | 0.47 | 37,082 | 9 | 0.71 | 1.33 |
| 55 | Linwood Drive | East Laurel Drive East Alvin Drive | 2 and 3 lane | 0.62 | 5,739 | 10 | 3.88 | 1.07 |
| 63 | San Juan Grade Road | North Main Street to Rusell Road | 4+ lanes (divided) | 1.22 | 7,400 | 8 | 1.21 | 0.99 |
| 109 | Navajo Drive | Adams Street to North Main Street | 2 and 3 lane | 0.65 | 1,511 | 4 | 5.58 | 1.07 |
| 110 | Villa Street | West Market Street to Central Avenue | 2 and 3 lane | 0.45 | 2,362 | 1 | 1.29 | 1.07 |
| 111 | Maple Street | South Main Street to Abbott Street | 2 and 3 lane | 0.60 | 1,381 | 10 | 16.53 | 1.07 |
| 112 | Clay Street | Iverson Street to South Main Street | 2 and 3 lane | 0.44 | 4,294 | 12 | 8.70 | 1.07 |
| 113 | Lincoln Avenue | West Market Street to Clay Street | 2 and 3 lane | 0.54 | 6,573 | 5 | 1.93 | 1.07 |
| 114 | Salinas Street | West Market Street to Clay Street | 2 and 3 lane | 0.50 | 7,853 | 10 | 3.41 | 1.07 |
| 116 | Pajaro Street | East Market Street to East Blanco Road | 2 and 3 lane | 1.69 | 6,598 | 30 | 3.69 | 1.07 |
| 117 | Hebbron Avenue | East Market Street to John Street | 2 and 3 lane | 0.46 | 4,988 | 3 | 1.79 | 1.07 |
| 118 | Tyler Street | East Laurel Drive to Iris Drive | 2 and 3 lane | 0.34 | 2,394 | 4 | 6.73 | 1.07 |
| 121 | Los Palos Drive | San Miguel Avenue to Abbott Street | 2 and 3 lane | 0.55 | 2,981 | 4 | 3.34 | 1.07 |
| 129 | East Rossi Street | North Main Street to Sherwood Drive | 2 and 3 lane | 0.22 | 12,121 | 1 | 0.51 | 1.07 |

APPENDIX A
ENGINEERING AND TRAFFIC SURVEYS



COMMENTS:

This segment of Abbott Street is classified as a major arterial in the City of Salinas General Plan. The surrounding land use includes industrial use. Speed data collected on April 22, 2025, revealed the 85th percentile speed of 42 mph. The 10 mph pace ranges from 31 mph to 40 mph and suggests the 85th percentile is above this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speeds rounded down, the existing posted speed limit of 40 mph should be retained.

| AREA | DESCRIPTION | MAP SYMBOL |  |
|---|--------------------------|---|---|
| Distance | Approximately 3,000 Feet | <div><div> ALL-WAY STOP</div><div> SIGNAL</div><div> SPEED LIMIT SIGN</div><div> CITY LIMITS</div><div> CROSSWALK</div><div> SCHOOL CROSSWALK</div></div> | |
| Vertical Alignment | Flat | | |
| Street Width | 110 Feet | | |
| No. Lanes and Median | 4-Lane Major Arterial | | |
| Proposed Speed Zone | 40 MPH | | |
| 85th Percentile Speed | 42 MPH | | |
| Traffic Volume (Date) | 22,599 (2024) | | |
| Accident Data (2 years) | 4 Collisions (2022-2023) | | |
| Street Segment Collision Rate = $\frac{\text{Collisions}}{\text{Years} (365) \text{ (ADT) (Length in Miles)}}$ | 0.43 Acc./MVM | | |



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | |
|------------------|--------------------------------------|------------|----------------|--|
| Street: | <u>Abott Street</u> | Direction: | <u>WBD</u> | Comments: <div style="border: 1px solid black; padding: 2px; margin-top: 10px;">No. 3</div> |
| Between: | <u>Sanborn Road and Harkins Road</u> | | | |
| Survey Location: | <u>1131 Abott Street</u> | | | |
| Speed Limit: | <u>40</u> MPH | | | |
| Date: | <u>04/22/25</u> | Day: | <u>Tuesday</u> | |
| Hours: From: | <u>12:37</u> | To: | <u>01:03</u> | |
| Weather: | <u>Clear</u> | | | |
| Observer(s): | <u>Alejandro M.</u> | | | |

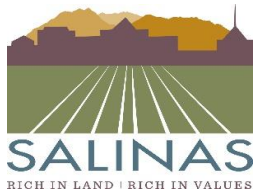
| MPH | Frequency | Percent | Cumulative % | |
|---------|-----------|---------|--------------|--|
| 19 | 0 | 0.00% | 0.00% | |
| 20 | 0 | 0.00% | 0.00% | |
| 21 | 0 | 0.00% | 0.00% | |
| 22 | 1 | 2.00% | 2.00% | |
| 23 | 0 | 0.00% | 2.00% | |
| 24 | 1 | 2.00% | 4.00% | |
| 25 | 2 | 4.00% | 8.00% | |
| 26 | 0 | 0.00% | 8.00% | |
| 27 | 4 | 8.00% | 16.00% | |
| 28 | 3 | 6.00% | 22.00% | |
| 29 | 3 | 6.00% | 28.00% | |
| 30 | 3 | 6.00% | 34.00% | |
| 31 | 2 | 4.00% | 38.00% | |
| 32 | 2 | 4.00% | 42.00% | |
| 33 | 2 | 4.00% | 46.00% | |
| 34 | 4 | 8.00% | 54.00% | |
| 35 | 3 | 6.00% | 60.00% | |
| 36 | 2 | 4.00% | 64.00% | |
| 37 | 2 | 4.00% | 68.00% | |
| 38 | 1 | 2.00% | 70.00% | |
| 39 | 3 | 6.00% | 76.00% | |
| 40 | 4 | 8.00% | 84.00% | |
| 41 | 1 | 2.00% | 86.00% | |
| 42 | 5 | 10.00% | 96.00% | |
| 43 | 2 | 4.00% | 100.00% | |
| 44 | 0 | 0.00% | 100.00% | |
| 45 | 0 | 0.00% | 100.00% | |
| 46 | 0 | 0.00% | 100.00% | |
| 47 | 0 | 0.00% | 100.00% | |
| 48 | 0 | 0.00% | 100.00% | |
| 49 | 0 | 0.00% | 100.00% | |
| 50 | 0 | 0.00% | 100.00% | |
| 51 | 0 | 0.00% | 100.00% | |
| 52 | 0 | 0.00% | 100.00% | |
| 53 | 0 | 0.00% | 100.00% | |
| 54 | 0 | 0.00% | 100.00% | |
| 55 | 0 | 0.00% | 100.00% | |
| 56 | 0 | 0.00% | 100.00% | |
| 57 | 0 | 0.00% | 100.00% | |
| 58 | 0 | 0.00% | 100.00% | |
| 59 | 0 | 0.00% | 100.00% | |
| 60 | 0 | 0.00% | 100.00% | |
| 61 | 0 | 0.00% | 100.00% | |
| 62 | 0 | 0.00% | 100.00% | |
| 63 | 0 | 0.00% | 100.00% | |
| Totals: | 50 | 100.00% | | |

Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 33.9 | MPH |
| Sample Variance: | 33.79 | |
| Standard Deviation: | 5.8 | |
| Variance of the Mean: | 0.6758 | |
| Standard Error of the Mean: | 0.8 | |
| 10 MPH Pace: | 27 | To: 36 MPH |
| Percent in Pace: | 56.0% | |
| Vehicles in Pace: | 28 | |
| 50th Percentile Speed: | 34 | MPH |
| 85th Percentile Speed: | 41 | MPH |
| 90th Percentile Speed: | 42 | MPH |
| 95th Percentile Speed: | 42 | MPH |

Cumulative Frequency Distribution

Frequency Distribution



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | | |
|------------------|--------------------------------------|------------|----------------|-------|-----------|
| Street: | <u>Abott Street</u> | Direction: | <u>EBD</u> | No. 3 | Comments: |
| Between: | <u>Sanborn Road and Harkins Road</u> | | | | |
| Survey Location: | <u>1131 Abott Street</u> | | | | |
| Speed Limit: | <u>40</u> MPH | | | | |
| Date: | <u>04/22/25</u> | Day: | <u>Tuesday</u> | | |
| Hours: | From: <u>12:37</u> | To: | <u>01:03</u> | | |
| Weather: | <u>Clear</u> | | | | |
| Observer(s): | <u>Alejandro M.</u> | | | | |

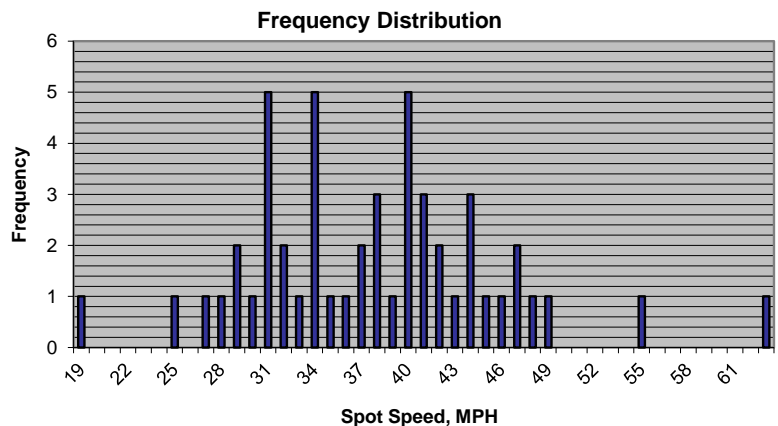
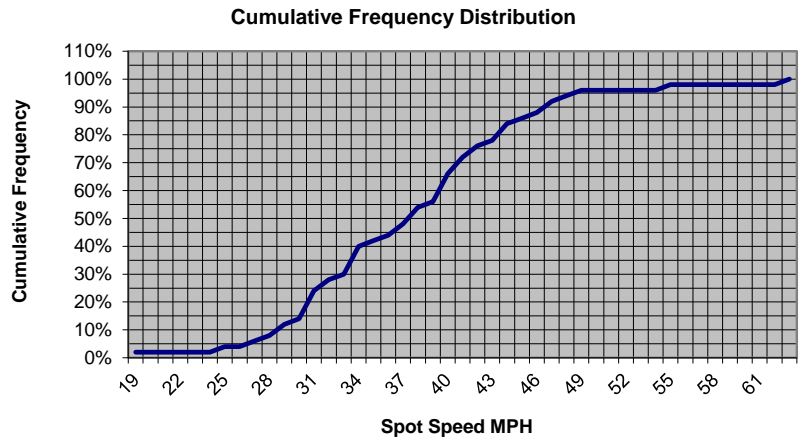
| MPH | Frequency | Percent | Cumulative % | Data Analysis: | | | |
|---------|-----------|---------|--------------|-----------------------------|--------|------------|--|
| 19 | 1 | 2.00% | 2.00% | Time Mean Speed: | 37.8 | MPH | |
| 20 | 0 | 0.00% | 2.00% | | 61.93 | | |
| 21 | 0 | 0.00% | 2.00% | Standard Deviation: | 7.9 | | |
| 22 | 0 | 0.00% | 2.00% | Variance of the Mean: | 1.2386 | | |
| 23 | 0 | 0.00% | 2.00% | Standard Error of the Mean: | 1.1 | | |
| 24 | 0 | 0.00% | 2.00% | 10 MPH Pace: | 31 | To: 40 MPH | |
| 25 | 1 | 2.00% | 4.00% | Percent in Pace: | 52.0% | | |
| 26 | 0 | 0.00% | 4.00% | Vehicles in Pace: | 26 | | |
| 27 | 1 | 2.00% | 6.00% | 50th Percentile Speed: | 38 | MPH | |
| 28 | 1 | 2.00% | 8.00% | 85th Percentile Speed: | 45 | MPH | |
| 29 | 2 | 4.00% | 12.00% | 90th Percentile Speed: | 47 | MPH | |
| 30 | 1 | 2.00% | 14.00% | 95th Percentile Speed: | 49 | MPH | |
| 31 | 5 | 10.00% | 24.00% | | | | |
| 32 | 2 | 4.00% | 28.00% | | | | |
| 33 | 1 | 2.00% | 30.00% | | | | |
| 34 | 5 | 10.00% | 40.00% | | | | |
| 35 | 1 | 2.00% | 42.00% | | | | |
| 36 | 1 | 2.00% | 44.00% | | | | |
| 37 | 2 | 4.00% | 48.00% | | | | |
| 38 | 3 | 6.00% | 54.00% | | | | |
| 39 | 1 | 2.00% | 56.00% | | | | |
| 40 | 5 | 10.00% | 66.00% | | | | |
| 41 | 3 | 6.00% | 72.00% | | | | |
| 42 | 2 | 4.00% | 76.00% | | | | |
| 43 | 1 | 2.00% | 78.00% | | | | |
| 44 | 3 | 6.00% | 84.00% | | | | |
| 45 | 1 | 2.00% | 86.00% | | | | |
| 46 | 1 | 2.00% | 88.00% | | | | |
| 47 | 2 | 4.00% | 92.00% | | | | |
| 48 | 1 | 2.00% | 94.00% | | | | |
| 49 | 1 | 2.00% | 96.00% | | | | |
| 50 | 0 | 0.00% | 96.00% | | | | |
| 51 | 0 | 0.00% | 96.00% | | | | |
| 52 | 0 | 0.00% | 96.00% | | | | |
| 53 | 0 | 0.00% | 96.00% | | | | |
| 54 | 0 | 0.00% | 96.00% | | | | |
| 55 | 1 | 2.00% | 98.00% | | | | |
| 56 | 0 | 0.00% | 98.00% | | | | |
| 57 | 0 | 0.00% | 98.00% | | | | |
| 58 | 0 | 0.00% | 98.00% | | | | |
| 59 | 0 | 0.00% | 98.00% | | | | |
| 60 | 0 | 0.00% | 98.00% | | | | |
| 61 | 0 | 0.00% | 98.00% | | | | |
| 62 | 0 | 0.00% | 98.00% | | | | |
| 63 | 1 | 2.00% | 100.00% | | | | |
| Totals: | 50 | 100.00% | | | | | |

Cumulative Frequency Distribution

Spot Speed MPH

Frequency Distribution

Spot Speed, MPH





CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | | |
|------------------|--------------------------------------|------------|----------------|--|-----------|
| Street: | <u>Abott Street</u> | Direction: | <u>WBD/EBD</u> | | Comments: |
| Between: | <u>Sanborn Road and Harkins Road</u> | No. 3 | | | |
| Survey Location: | <u>1131 Abott Street</u> | | | | |
| Speed Limit: | <u>40</u> MPH | | | | |
| Date: | <u>04/22/25</u> | | | | |
| Hours: | From: <u>12:37</u> | To: | <u>01:03</u> | | |
| Weather: | <u>Clear</u> | | | | |
| Observer(s): | <u>Alejandro M.</u> | | | | |

| MPH | Frequency | Percent | Cumulative % | |
|---------|-----------|---------|--------------|--|
| 19 | 1 | 1.00% | 1.00% | |
| 20 | 0 | 0.00% | 1.00% | |
| 21 | 0 | 0.00% | 1.00% | |
| 22 | 1 | 1.00% | 2.00% | |
| 23 | 0 | 0.00% | 2.00% | |
| 24 | 1 | 1.00% | 3.00% | |
| 25 | 3 | 3.00% | 6.00% | |
| 26 | 0 | 0.00% | 6.00% | |
| 27 | 5 | 5.00% | 11.00% | |
| 28 | 4 | 4.00% | 15.00% | |
| 29 | 5 | 5.00% | 20.00% | |
| 30 | 4 | 4.00% | 24.00% | |
| 31 | 7 | 7.00% | 31.00% | |
| 32 | 4 | 4.00% | 35.00% | |
| 33 | 3 | 3.00% | 38.00% | |
| 34 | 9 | 9.00% | 47.00% | |
| 35 | 4 | 4.00% | 51.00% | |
| 36 | 3 | 3.00% | 54.00% | |
| 37 | 4 | 4.00% | 58.00% | |
| 38 | 4 | 4.00% | 62.00% | |
| 39 | 4 | 4.00% | 66.00% | |
| 40 | 9 | 9.00% | 75.00% | |
| 41 | 4 | 4.00% | 79.00% | |
| 42 | 7 | 7.00% | 86.00% | |
| 43 | 3 | 3.00% | 89.00% | |
| 44 | 3 | 3.00% | 92.00% | |
| 45 | 1 | 1.00% | 93.00% | |
| 46 | 1 | 1.00% | 94.00% | |
| 47 | 2 | 2.00% | 96.00% | |
| 48 | 1 | 1.00% | 97.00% | |
| 49 | 1 | 1.00% | 98.00% | |
| 50 | 0 | 0.00% | 98.00% | |
| 51 | 0 | 0.00% | 98.00% | |
| 52 | 0 | 0.00% | 98.00% | |
| 53 | 0 | 0.00% | 98.00% | |
| 54 | 0 | 0.00% | 98.00% | |
| 55 | 1 | 1.00% | 99.00% | |
| 56 | 0 | 0.00% | 99.00% | |
| 57 | 0 | 0.00% | 99.00% | |
| 58 | 0 | 0.00% | 99.00% | |
| 59 | 0 | 0.00% | 99.00% | |
| 60 | 0 | 0.00% | 99.00% | |
| 61 | 0 | 0.00% | 99.00% | |
| 62 | 0 | 0.00% | 99.00% | |
| 63 | 1 | 1.00% | 100.00% | |
| Totals: | 100 | 100.00% | | |

Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 35.9 | MPH |
| Sample Variance: | 51.14 | |
| Standard Deviation: | 7.2 | |
| Variance of the Mean: | 0.5114 | |
| Standard Error of the Mean: | 0.7 | |
| 10 MPH Pace: | 31 | To: 40 MPH |
| Percent in Pace: | 51.0% | |
| Vehicles in Pace: | 51 | |
| 50th Percentile Speed: | 35 | MPH |
| 85th Percentile Speed: | 42 | MPH |
| 90th Percentile Speed: | 44 | MPH |
| 95th Percentile Speed: | 47 | MPH |

Cumulative Frequency Distribution

Frequency Distribution

SPEED SURVEY FIELD SHEET

CITY OF SALINAS

SITE CODE
3

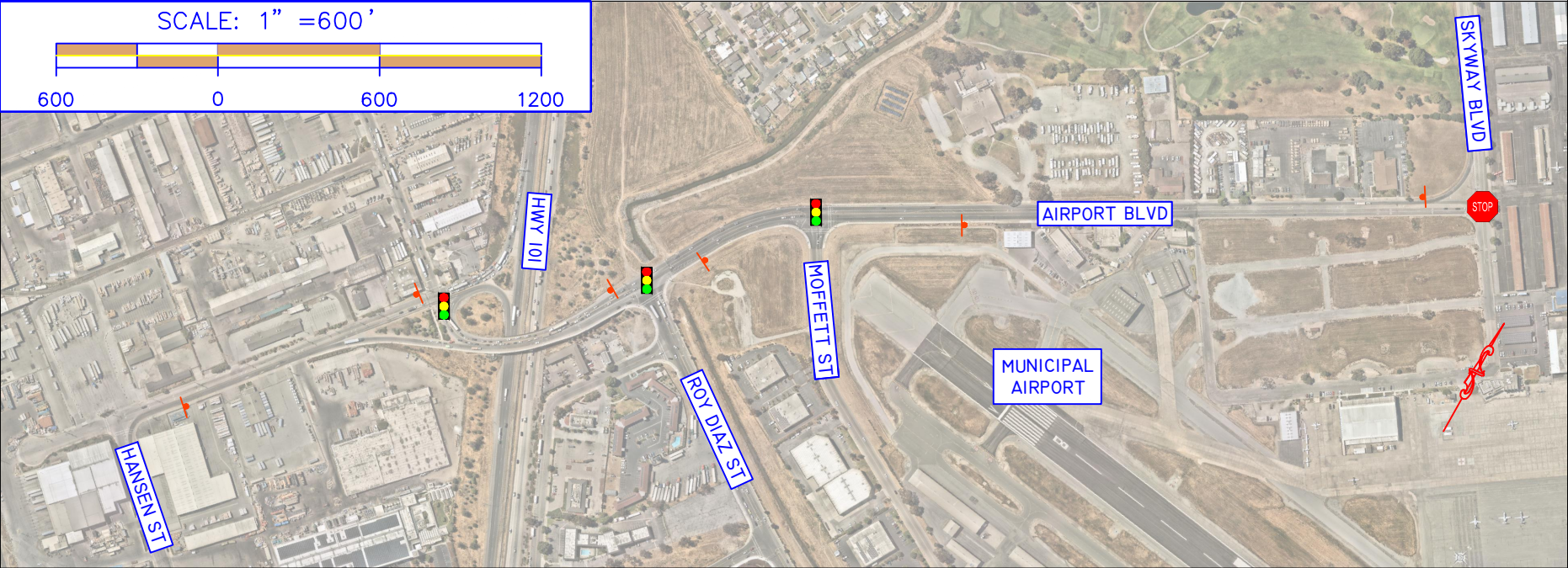
LOCATION Abbott St. between Sanborn Rd. and Harkins Rd

DATE 4/22 DAY Tuesday TIME 12:37 TO 1:03

OBSERVER Alejandro M CALCULATED BY Alejandro M WEATHER Clear








| Direction: <u>W.B.</u> | | | | |
|------------------------|--------------------|----|----|----|
| MPH | Number of Vehicles | | | |
| | 5 | 10 | 15 | 20 |
| 70 | | | | |
| 69 | | | | |
| 68 | | | | |
| 67 | | | | |
| 66 | | | | |
| 65 | | | | |
| 64 | | | | |
| 63 | | | | |
| 62 | | | | |
| 61 | | | | |
| 60 | | | | |
| 59 | | | | |
| 58 | | | | |
| 57 | | | | |
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| 53 | | | | |
| 52 | | | | |
| 51 | | | | |
| 50 | | | | |
| 49 | | | | |
| 48 | | | | |
| 47 | | | | |
| 46 | | | | |
| 45 | | | | |
| 44 | | | | |
| 43 | X | | | |
| 42 | X | X | | |
| 41 | X | | | |
| 40 | X | X | | |
| 39 | X | X | | |
| 38 | X | | | |
| 37 | X | X | | |
| 36 | X | X | | |
| 35 | X | X | | |
| 34 | X | X | | |
| 33 | X | | | |
| 32 | X | X | | |
| 31 | X | X | | |
| 30 | X | X | | |
| 29 | X | X | | |
| 28 | X | X | | |
| 27 | X | X | | |
| 26 | | | | |
| 25 | X | X | | |
| 24 | X | | | |
| 23 | | | | |
| 22 | X | | | |
| 21 | | | | |
| 20 | | | | |
| 19 | | | | |
| 18 | | | | |
| 17 | | | | |
| 16 | | | | |
| 15 | | | | |
| 14 | | | | |
| 13 | | | | |
| 12 | | | | |
| 11 | | | | |
| 10 | | | | |

| Direction: <u>E.B.</u> | | | | |
|------------------------|--------------------|----|----|----|
| MPH | Number of Vehicles | | | |
| | 5 | 10 | 15 | 20 |
| 70 | | | | |
| 69 | | | | |
| 68 | | | | |
| 67 | | | | |
| 66 | | | | |
| 65 | X | | | |
| 64 | | | | |
| 63 | | | | |
| 62 | | | | |
| 61 | | | | |
| 60 | | | | |
| 59 | | | | |
| 58 | | | | |
| 57 | | | | |
| 56 | | | | |
| 55 | X | | | |
| 54 | | | | |
| 53 | | | | |
| 52 | | | | |
| 51 | | | | |
| 50 | | | | |
| 49 | X | | | |
| 48 | X | | | |
| 47 | X | X | | |
| 46 | X | | | |
| 45 | X | | | |
| 44 | X | X | | |
| 43 | X | | | |
| 42 | X | X | | |
| 41 | X | X | | |
| 40 | X | X | X | |
| 39 | X | X | | |
| 38 | X | X | | |
| 37 | X | X | | |
| 36 | X | | | |
| 35 | X | | | |
| 34 | X | X | X | |
| 33 | X | | | |
| 32 | X | X | | |
| 31 | X | X | X | |
| 30 | X | | | |
| 29 | X | X | | |
| 28 | X | | | |
| 27 | X | | | |
| 26 | | | | |
| 25 | X | | | |
| 24 | | | | |
| 23 | | | | |
| 22 | | | | |
| 21 | | | | |
| 20 | | | | |
| 19 | X | | | |
| 18 | | | | |
| 17 | | | | |
| 16 | | | | |
| 15 | | | | |
| 14 | | | | |
| 13 | | | | |
| 12 | | | | |
| 11 | | | | |
| 10 | | | | |



COMMENTS:

This segment of Airport Boulevard is classified as a collector in the City of Salinas General Plan. The surrounding land use includes industrial and business park use. Speed data collected on April 23, 2025, revealed the 85th percentile speed of 39 mph. The 10 mph pace ranges from 30 mph to 39 mph and suggests the 85th percentile is within this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speeds rounded up, the existing speed limit of 45 mph should be reduced to 40 mph.

| AREA | DESCRIPTION | MAP SYMBOL |  |
|---|--------------------------|---|---|
| Distance | Approximately 6,000 Feet | <div> ALL-WAY STOP</div> <div> SIGNAL</div> <div> SPEED LIMIT SIGN</div> <div> CITY LIMITS</div> <div> CROSSWALK</div> <div> SCHOOL CROSSWALK</div> | |
| Vertical Alignment | Flat | | |
| Street Width | 64 Feet | | |
| No. Lanes and Median | 4-Lane Minor Arterial | | |
| Proposed Speed Zone | 40 MPH | | |
| 85th Percentile Speed | 39 MPH | | |
| Traffic Volume (Date) | 10,757 (2024) | | |
| Accident Data (2 years) | 6 Collisions (2022-2023) | | |
| Street Segment Collision Rate = $\frac{\text{Collisions}}{\text{Years}} \frac{1,000,000}{(\text{ADT}) (\text{Length in Miles})}$ | 0.67 Acc./MVM | | |



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | |
|------------------|----------------------------------|-----------------------|--|
| Street: | Airport Boulevard | Direction: <u>WBD</u> | Comments: <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">No. 5</div> |
| Between: | Skyway Boulevard & Hansen Street | | |
| Survey Location: | Airport Blvd & Mercer Wy | | |
| Speed Limit: | 45 MPH | | |
| Date: | 04/23/25 | Day: Wednesday | |
| Hours: From: | 03:36 | To: 03:52 | |
| Weather: | Sunny | | |
| Observer(s): | Sean L. & Eva H. | | |

| MPH | Frequency | Percent | Cumulative % | |
|---------|-----------|---------|--------------|--|
| 10 | 0 | 0.00% | 0.00% | |
| 11 | 0 | 0.00% | 0.00% | |
| 12 | 0 | 0.00% | 0.00% | |
| 13 | 0 | 0.00% | 0.00% | |
| 14 | 0 | 0.00% | 0.00% | |
| 15 | 0 | 0.00% | 0.00% | |
| 16 | 0 | 0.00% | 0.00% | |
| 17 | 0 | 0.00% | 0.00% | |
| 18 | 0 | 0.00% | 0.00% | |
| 19 | 0 | 0.00% | 0.00% | |
| 20 | 0 | 0.00% | 0.00% | |
| 21 | 0 | 0.00% | 0.00% | |
| 22 | 0 | 0.00% | 0.00% | |
| 23 | 0 | 0.00% | 0.00% | |
| 24 | 0 | 0.00% | 0.00% | |
| 25 | 0 | 0.00% | 0.00% | |
| 26 | 0 | 0.00% | 0.00% | |
| 27 | 0 | 0.00% | 0.00% | |
| 28 | 0 | 0.00% | 0.00% | |
| 29 | 5 | 10.00% | 10.00% | |
| 30 | 9 | 18.00% | 28.00% | |
| 31 | 2 | 4.00% | 32.00% | |
| 32 | 5 | 10.00% | 42.00% | |
| 33 | 2 | 4.00% | 46.00% | |
| 34 | 2 | 4.00% | 50.00% | |
| 35 | 6 | 12.00% | 62.00% | |
| 36 | 5 | 10.00% | 72.00% | |
| 37 | 7 | 14.00% | 86.00% | |
| 38 | 2 | 4.00% | 90.00% | |
| 39 | 2 | 4.00% | 94.00% | |
| 40 | 3 | 6.00% | 100.00% | |
| 41 | 0 | 0.00% | 100.00% | |
| 42 | 0 | 0.00% | 100.00% | |
| 43 | 0 | 0.00% | 100.00% | |
| 44 | 0 | 0.00% | 100.00% | |
| 45 | 0 | 0.00% | 100.00% | |
| 46 | 0 | 0.00% | 100.00% | |
| 47 | 0 | 0.00% | 100.00% | |
| 48 | 0 | 0.00% | 100.00% | |
| 49 | 0 | 0.00% | 100.00% | |
| 50 | 0 | 0.00% | 100.00% | |
| 51 | 0 | 0.00% | 100.00% | |
| 52 | 0 | 0.00% | 100.00% | |
| 53 | 0 | 0.00% | 100.00% | |
| 54 | 0 | 0.00% | 100.00% | |
| Totals: | 50 | 100.00% | | |

Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 33.9 | MPH |
| Sample Variance: | 11.99 | |
| Standard Deviation: | 3.5 | |
| Variance of the Mean: | 0.2398 | |
| Standard Error of the Mean: | 0.5 | |
| 10 MPH Pace: | 28 | To: 37 MPH |
| Percent in Pace: | 86.0% | |
| Vehicles in Pace: | 43 | |
| 50th Percentile Speed: | 34 | MPH |
| 85th Percentile Speed: | 37 | MPH |
| 90th Percentile Speed: | 38 | MPH |
| 95th Percentile Speed: | 40 | MPH |

Cumulative Frequency Distribution

Frequency Distribution



CITY OF SALINAS

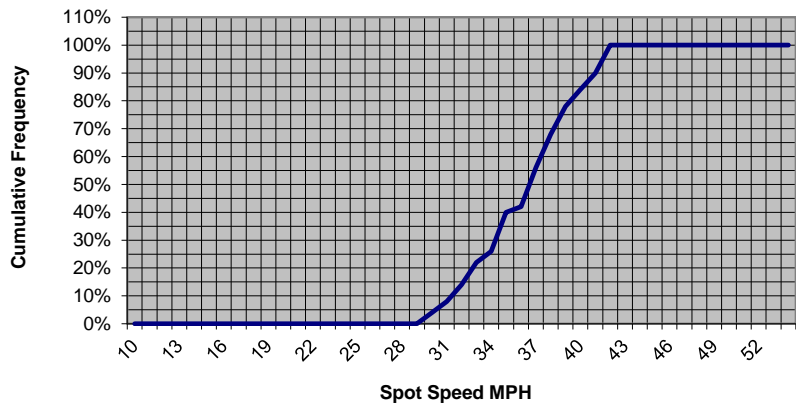
DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

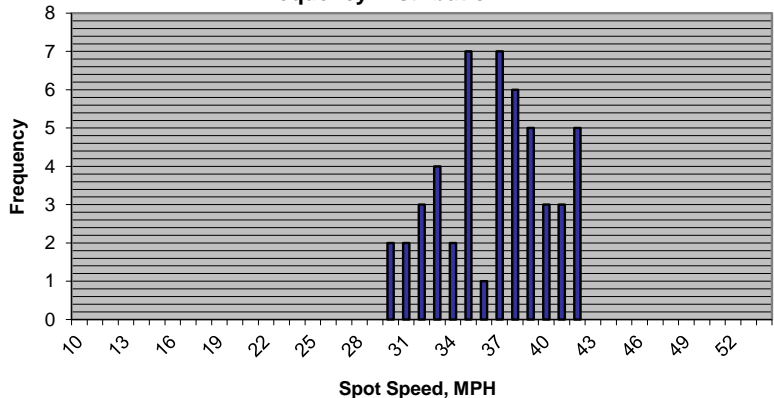
| | | | |
|----------------------------------|---|------------------------------|---|
| Street: | <u>Airport Boulevard</u> | Direction: <u>EBD</u> | Comments: <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">No. 5</div> |
| Between: | <u>Skyway Boulevard & Hansen Street</u> | | |
| Survey Location: | <u>Airport Blvd & Mercer Wy</u> | | |
| Speed Limit: | <u>45</u> MPH | | |
| Date: | <u>04/23/25</u> | Day: <u>Wednesday</u> | |
| Hours: From: <u>03:36</u> | To: <u>03:52</u> | | |
| Weather: | <u>Sunny</u> | | |
| Observer(s): | <u>Sean L. & Eva H.</u> | | |

| MPH | Frequency | Percent | Cumulative % | |
|----------------|-----------|---------|--------------|--|
| 10 | 0 | 0.00% | 0.00% | Data Analysis: |
| 11 | 0 | 0.00% | 0.00% | |
| 12 | 0 | 0.00% | 0.00% | |
| 13 | 0 | 0.00% | 0.00% | |
| 14 | 0 | 0.00% | 0.00% | |
| 15 | 0 | 0.00% | 0.00% | |
| 16 | 0 | 0.00% | 0.00% | |
| 17 | 0 | 0.00% | 0.00% | |
| 18 | 0 | 0.00% | 0.00% | |
| 19 | 0 | 0.00% | 0.00% | |
| 20 | 0 | 0.00% | 0.00% | Time Mean Speed: <u>36.7</u> MPH |
| 21 | 0 | 0.00% | 0.00% | Sample Variance: <u>11.77</u> |
| 22 | 0 | 0.00% | 0.00% | Standard Deviation: <u>3.4</u> |
| 23 | 0 | 0.00% | 0.00% | Variance of the Mean: <u>0.2354</u> |
| 24 | 0 | 0.00% | 0.00% | Standard Error of the Mean: <u>0.5</u> |
| 25 | 0 | 0.00% | 0.00% | 10 MPH Pace: <u>33</u> To: <u>42</u> MPH |
| 26 | 0 | 0.00% | 0.00% | Percent in Pace: <u>86.0%</u> |
| 27 | 0 | 0.00% | 0.00% | Vehicles in Pace: <u>43</u> |
| 28 | 0 | 0.00% | 0.00% | 50th Percentile Speed: <u>37</u> MPH |
| 29 | 0 | 0.00% | 0.00% | 85th Percentile Speed: <u>41</u> MPH |
| 30 | 2 | 4.00% | 4.00% | 90th Percentile Speed: <u>41</u> MPH |
| 31 | 2 | 4.00% | 8.00% | 95th Percentile Speed: <u>42</u> MPH |
| 32 | 3 | 6.00% | 14.00% | |
| 33 | 4 | 8.00% | 22.00% | |
| 34 | 2 | 4.00% | 26.00% | |
| 35 | 7 | 14.00% | 40.00% | |
| 36 | 1 | 2.00% | 42.00% | |
| 37 | 7 | 14.00% | 56.00% | |
| 38 | 6 | 12.00% | 68.00% | |
| 39 | 5 | 10.00% | 78.00% | |
| 40 | 3 | 6.00% | 84.00% | |
| 41 | 3 | 6.00% | 90.00% | |
| 42 | 5 | 10.00% | 100.00% | |
| 43 | 0 | 0.00% | 100.00% | |
| 44 | 0 | 0.00% | 100.00% | |
| 45 | 0 | 0.00% | 100.00% | |
| 46 | 0 | 0.00% | 100.00% | |
| 47 | 0 | 0.00% | 100.00% | |
| 48 | 0 | 0.00% | 100.00% | |
| 49 | 0 | 0.00% | 100.00% | |
| 50 | 0 | 0.00% | 100.00% | |
| 51 | 0 | 0.00% | 100.00% | |
| 52 | 0 | 0.00% | 100.00% | |
| 53 | 0 | 0.00% | 100.00% | |
| 54 | 0 | 0.00% | 100.00% | |
| Totals: | 50 | 100.00% | | |

Cumulative Frequency Distribution



Frequency Distribution





CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | | |
|------------------|----------------------------------|------------|---------|-----------|-----------|
| Street: | Airport Boulevard | Direction: | WBD/EBD | | Comments: |
| Between: | Skyway Boulevard & Hansen Street | | | | No. 5 |
| Survey Location: | E/O Rider Avenue | | | | |
| Speed Limit: | 45 MPH | | | | |
| Date: | 04/23/25 | | Day: | Wednesday | |
| Hours: | From: | 03:36 | To: | 03:52 | |
| Weather: | Sunny | | | | |
| Observer(s): | Sean L. & Eva H. | | | | |

| MPH | Frequency | Percent | Cumulative % | |
|---------|-----------|---------|--------------|--|
| 10 | 0 | 0.00% | 0.00% | |
| 11 | 0 | 0.00% | 0.00% | |
| 12 | 0 | 0.00% | 0.00% | |
| 13 | 0 | 0.00% | 0.00% | |
| 14 | 0 | 0.00% | 0.00% | |
| 15 | 0 | 0.00% | 0.00% | |
| 16 | 0 | 0.00% | 0.00% | |
| 17 | 0 | 0.00% | 0.00% | |
| 18 | 0 | 0.00% | 0.00% | |
| 19 | 0 | 0.00% | 0.00% | |
| 20 | 0 | 0.00% | 0.00% | |
| 21 | 0 | 0.00% | 0.00% | |
| 22 | 0 | 0.00% | 0.00% | |
| 23 | 0 | 0.00% | 0.00% | |
| 24 | 0 | 0.00% | 0.00% | |
| 25 | 0 | 0.00% | 0.00% | |
| 26 | 0 | 0.00% | 0.00% | |
| 27 | 0 | 0.00% | 0.00% | |
| 28 | 0 | 0.00% | 0.00% | |
| 29 | 5 | 5.00% | 5.00% | |
| 30 | 11 | 11.00% | 16.00% | |
| 31 | 4 | 4.00% | 20.00% | |
| 32 | 8 | 8.00% | 28.00% | |
| 33 | 6 | 6.00% | 34.00% | |
| 34 | 4 | 4.00% | 38.00% | |
| 35 | 13 | 13.00% | 51.00% | |
| 36 | 6 | 6.00% | 57.00% | |
| 37 | 14 | 14.00% | 71.00% | |
| 38 | 8 | 8.00% | 79.00% | |
| 39 | 7 | 7.00% | 86.00% | |
| 40 | 6 | 6.00% | 92.00% | |
| 41 | 3 | 3.00% | 95.00% | |
| 42 | 5 | 5.00% | 100.00% | |
| 43 | 0 | 0.00% | 100.00% | |
| 44 | 0 | 0.00% | 100.00% | |
| 45 | 0 | 0.00% | 100.00% | |
| 46 | 0 | 0.00% | 100.00% | |
| 47 | 0 | 0.00% | 100.00% | |
| 48 | 0 | 0.00% | 100.00% | |
| 49 | 0 | 0.00% | 100.00% | |
| 50 | 0 | 0.00% | 100.00% | |
| 51 | 0 | 0.00% | 100.00% | |
| 52 | 0 | 0.00% | 100.00% | |
| 53 | 0 | 0.00% | 100.00% | |
| 54 | 0 | 0.00% | 100.00% | |
| Totals: | 100 | 100.00% | | |

Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 35.3 | MPH |
| Sample Variance: | 13.74 | |
| Standard Deviation: | 3.7 | |
| Variance of the Mean: | 0.1374 | |
| Standard Error of the Mean: | 0.4 | |
| 10 MPH Pace: | 30 | To: 39 MPH |
| Percent in Pace: | 81.0% | |
| Vehicles in Pace: | 81 | |
| 50th Percentile Speed: | 35 | MPH |
| 85th Percentile Speed: | 39 | MPH |
| 90th Percentile Speed: | 40 | MPH |
| 95th Percentile Speed: | 41 | MPH |

Cumulative Frequency Distribution

Frequency Distribution

SITE CODE
5

SPEED SURVEY FIELD SHEET

CITY OF SALINAS

LOCATION Airport Blvd. between Skyway Blvd. and Hansen St.
 DATE 04/23/25 DAY Wednesday TIME 3:36 TO 3:52
 OBSERVER SEAN L CALCULATED BY _____ WEATHER Sunny
away








| Direction: <u>E.B.</u> | | | | |
|------------------------|--------------------|----|----|----|
| MPH | Number of Vehicles | | | |
| | 5 | 10 | 15 | 20 |
| 70 | | | | |
| 69 | | | | |
| 68 | | | | |
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| Direction: <u>incoming</u> <u>W.B.</u> | | | | |
|--|--------------------|----|----|----|
| MPH | Number of Vehicles | | | |
| | 5 | 10 | 15 | 20 |
| 70 | | | | |
| 69 | | | | |
| 68 | | | | |
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COMMENTS:

This segment of Casentini Street is classified as a collector in the City of Salinas General Plan. The surrounding land use includes fronting residential and commercial areas. Speed data collected April 18, 2025 revealed a 85th percentile of 36 mph. The 10 mph pace ranges from 26 mph to 35 mph and suggests the 85th percentile is above this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speeds rounded down and reduced by 5 mph per MUTCD option 1, the existing posted speed limit of 35 mph should be reduced to 30 mph.

| AREA | DESCRIPTION | MAP SYMBOL |  |
|---|--------------------------|---|---|
| Distance | Approximately 2,350 Feet | <div> ALL-WAY STOP</div> <div> SIGNAL</div> <div> SPEED SIGN</div> <div> CITY LIMITS</div> <div> CROSSWALK</div> <div> SCHOOL CROSSWALK</div> | |
| Vertical Alignment | Flat | | |
| Street Width | 44 Feet | | |
| No. Lanes and Median | 2-Lane Collector | | |
| Proposed Speed Zone | 30 MPH | | |
| 85th Percentile Speed | 36 MPH | | |
| Traffic Volume (Date) | 4,419 (2025) | | |
| Accident Data (2 years) | 6 Collisions (2022-2023) | | |
| Street Segment Collision Rate = $\frac{\text{Collisions}}{\text{Years}} \times \frac{1,000,000}{\text{ADT} \times \text{Length in Miles}}$ | 4.23 Acc./MVM | | |



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | |
|------------------|--------------------------------|------------|---------------|--|
| Street: | <u>Casentini St</u> | Direction: | <u>WBD</u> | Comments: <div style="font-size: 1.2em; font-weight: bold;">No. 20</div> |
| Between: | <u>N Main St & Rico St</u> | | | |
| Survey Location: | <u>303 Casentini St</u> | | | |
| Speed Limit: | <u>35</u> MPH | | | |
| Date: | <u>04/18/25</u> | Day: | <u>Friday</u> | |
| Hours: From: | <u>03:33</u> | To: | <u>04:00</u> | |
| Weather: | <u>Sunny</u> | | | |
| Observer(s): | <u>Sean L. & Eva H.</u> | | | |

| MPH | Frequency | Percent | Cumulative % | |
|---------|-----------|---------|--------------|--|
| 10 | 0 | 0.00% | 0.00% | |
| 11 | 0 | 0.00% | 0.00% | |
| 12 | 0 | 0.00% | 0.00% | |
| 13 | 0 | 0.00% | 0.00% | |
| 14 | 0 | 0.00% | 0.00% | |
| 15 | 0 | 0.00% | 0.00% | |
| 16 | 0 | 0.00% | 0.00% | |
| 17 | 0 | 0.00% | 0.00% | |
| 18 | 0 | 0.00% | 0.00% | |
| 19 | 0 | 0.00% | 0.00% | |
| 20 | 0 | 0.00% | 0.00% | |
| 21 | 0 | 0.00% | 0.00% | |
| 22 | 0 | 0.00% | 0.00% | |
| 23 | 0 | 0.00% | 0.00% | |
| 24 | 0 | 0.00% | 0.00% | |
| 25 | 0 | 0.00% | 0.00% | |
| 26 | 2 | 4.00% | 4.00% | |
| 27 | 1 | 2.00% | 6.00% | |
| 28 | 1 | 2.00% | 8.00% | |
| 29 | 5 | 10.00% | 18.00% | |
| 30 | 3 | 6.00% | 24.00% | |
| 31 | 5 | 10.00% | 34.00% | |
| 32 | 6 | 12.00% | 46.00% | |
| 33 | 7 | 14.00% | 60.00% | |
| 34 | 5 | 10.00% | 70.00% | |
| 35 | 4 | 8.00% | 78.00% | |
| 36 | 4 | 8.00% | 86.00% | |
| 37 | 1 | 2.00% | 88.00% | |
| 38 | 1 | 2.00% | 90.00% | |
| 39 | 2 | 4.00% | 94.00% | |
| 40 | 2 | 4.00% | 98.00% | |
| 41 | 1 | 2.00% | 100.00% | |
| 42 | 0 | 0.00% | 100.00% | |
| 43 | 0 | 0.00% | 100.00% | |
| 44 | 0 | 0.00% | 100.00% | |
| 45 | 0 | 0.00% | 100.00% | |
| 46 | 0 | 0.00% | 100.00% | |
| 47 | 0 | 0.00% | 100.00% | |
| 48 | 0 | 0.00% | 100.00% | |
| 49 | 0 | 0.00% | 100.00% | |
| 50 | 0 | 0.00% | 100.00% | |
| 51 | 0 | 0.00% | 100.00% | |
| 52 | 0 | 0.00% | 100.00% | |
| 53 | 0 | 0.00% | 100.00% | |
| 54 | 0 | 0.00% | 100.00% | |
| Totals: | 50 | 100.00% | | |

Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 33.0 | MPH |
| Sample Variance: | 12.73 | |
| Standard Deviation: | 3.6 | |
| Variance of the Mean: | 0.2546 | |
| Standard Error of the Mean: | 0.5 | |
| 10 MPH Pace: | 27 | To: 36 MPH |
| Percent in Pace: | 82.0% | |
| Vehicles in Pace: | 41 | |
| 50th Percentile Speed: | 33 | MPH |
| 85th Percentile Speed: | 36 | MPH |
| 90th Percentile Speed: | 38 | MPH |
| 95th Percentile Speed: | 40 | MPH |

Cumulative Frequency Distribution

Frequency Distribution

CITY OF SALINAS
DEPARTMENT OF DEVELOPMENT &
ENGINEERING SERVICES
RADAR SURVEY

| | | | | | |
|------------------|---------------------|------------|--------|--------|-----------|
| Street: | Casentini St | Direction: | EBD | No. 20 | Comments: |
| Between: | N Main St & Rico St | | | | |
| Survey Location: | 303 Casentini St | | | | |
| Speed Limit: | 35 | MPH | | | |
| Date: | 04/18/25 | Day: | Friday | | |
| Hours: | From: 03:33 | To: | 04:00 | | |
| Weather: | Sunny | | | | |
| Observer(s): | Sean L. & Eva H. | | | | |

| MPH | Frequency | Percent | Cumulative % | Data Analysis: | | | |
|---------|-----------|---------|--------------|--|--------|---|--|
| 10 | 0 | 0.00% | 0.00% | Time Mean Speed: Sample Variance: Standard Deviation: Variance of the Mean: Standard Error of the Mean: 10 MPH Pace: Percent in Pace: Vehicles in Pace: 50th Percentile Speed: 85th Percentile Speed: 90th Percentile Speed: 95th Percentile Speed: | 31.5 | MPH To: 35 MPH | |
| 11 | 0 | 0.00% | 0.00% | | 10.46 | | |
| 12 | 0 | 0.00% | 0.00% | | 3.2 | | |
| 13 | 0 | 0.00% | 0.00% | | 0.2092 | | |
| 14 | 0 | 0.00% | 0.00% | | 0.5 | | |
| 15 | 0 | 0.00% | 0.00% | | 26 | | |
| 16 | 0 | 0.00% | 0.00% | | 88.0% | | |
| 17 | 0 | 0.00% | 0.00% | | 44 | | |
| 18 | 0 | 0.00% | 0.00% | | 31 | | |
| 19 | 0 | 0.00% | 0.00% | | 35 | | |
| 20 | 0 | 0.00% | 0.00% | 36 | | | |
| 21 | 0 | 0.00% | 0.00% | 36 | | | |
| 22 | 0 | 0.00% | 0.00% | | | | |
| 23 | 0 | 0.00% | 0.00% | | | | |
| 24 | 0 | 0.00% | 0.00% | | | | |
| 25 | 0 | 0.00% | 0.00% | | | | |
| 26 | 6 | 12.00% | 12.00% | | | | |
| 27 | 1 | 2.00% | 14.00% | | | | |
| 28 | 2 | 4.00% | 18.00% | | | | |
| 29 | 5 | 10.00% | 28.00% | | | | |
| 30 | 4 | 8.00% | 36.00% | | | | |
| 31 | 7 | 14.00% | 50.00% | | | | |
| 32 | 5 | 10.00% | 60.00% | | | | |
| 33 | 7 | 14.00% | 74.00% | | | | |
| 34 | 2 | 4.00% | 78.00% | | | | |
| 35 | 5 | 10.00% | 88.00% | | | | |
| 36 | 4 | 8.00% | 96.00% | | | | |
| 37 | 1 | 2.00% | 98.00% | | | | |
| 38 | 1 | 2.00% | 100.00% | | | | |
| 39 | 0 | 0.00% | 100.00% | | | | |
| 40 | 0 | 0.00% | 100.00% | | | | |
| 41 | 0 | 0.00% | 100.00% | | | | |
| 42 | 0 | 0.00% | 100.00% | | | | |
| 43 | 0 | 0.00% | 100.00% | | | | |
| 44 | 0 | 0.00% | 100.00% | | | | |
| 45 | 0 | 0.00% | 100.00% | | | | |
| 46 | 0 | 0.00% | 100.00% | | | | |
| 47 | 0 | 0.00% | 100.00% | | | | |
| 48 | 0 | 0.00% | 100.00% | | | | |
| 49 | 0 | 0.00% | 100.00% | | | | |
| 50 | 0 | 0.00% | 100.00% | | | | |
| 51 | 0 | 0.00% | 100.00% | | | | |
| 52 | 0 | 0.00% | 100.00% | | | | |
| 53 | 0 | 0.00% | 100.00% | | | | |
| 54 | 0 | 0.00% | 100.00% | | | | |
| Totals: | 50 | 100.00% | | | | | |

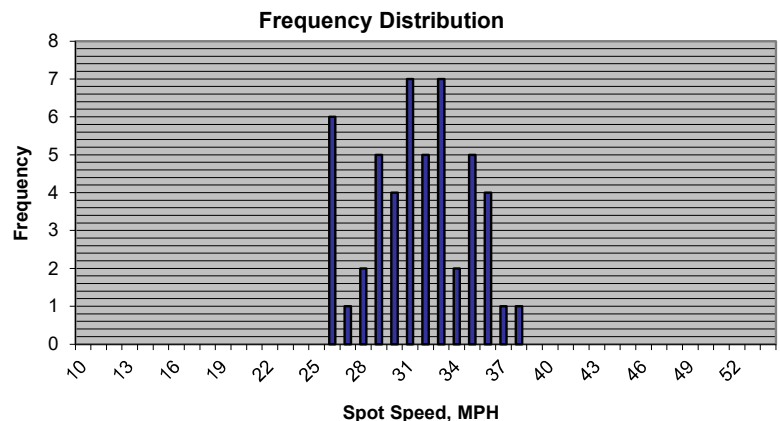
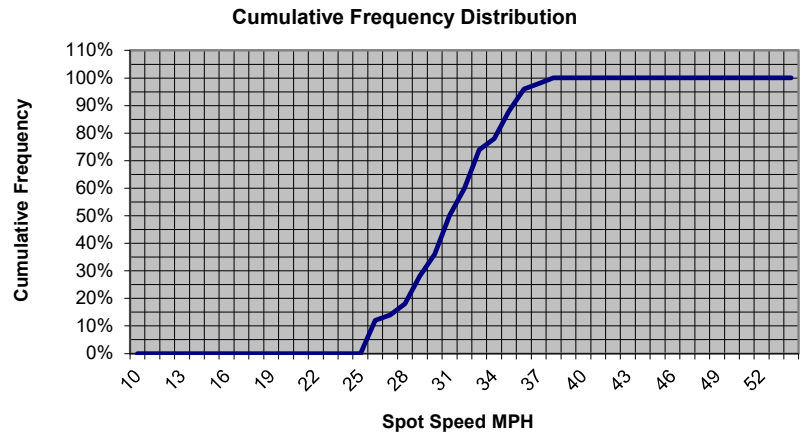
Cumulative Frequency Distribution

This graph plots Cumulative Frequency (0% to 110%) against Spot Speed MPH (10 to 54). The curve starts at 0% for 10-24 MPH, rises steeply between 25 and 38 MPH, and plateaus at 100% from 39 MPH onwards.

Frequency Distribution

This bar chart shows the frequency of vehicles in each 3-MPH bin. The distribution is roughly bell-shaped, peaking at 7 vehicles in the 31-34 MPH range.

| Spot Speed Bin (MPH) | Frequency |
|----------------------|-----------|
| 27-30 | 6 |
| 30-33 | 1 |
| 33-36 | 2 |
| 36-39 | 5 |
| 39-42 | 4 |
| 42-45 | 7 |
| 45-48 | 5 |
| 48-51 | 7 |
| 51-54 | 2 |
| 54-57 | 2 |
| 57-60 | 5 |
| 60-63 | 4 |
| 63-66 | 1 |
| 66-69 | 1 |



SPEED SURVEY FIELD SHEET

CITY OF SALINAS

SITE CODE

20

LOCATION Casentini St between N Main St and Kico St

DATE 04/18 DAY Friday

TIME 3:33 TO 4:00

OBSERVER Eva H.

CALCULATED BY Sean L.

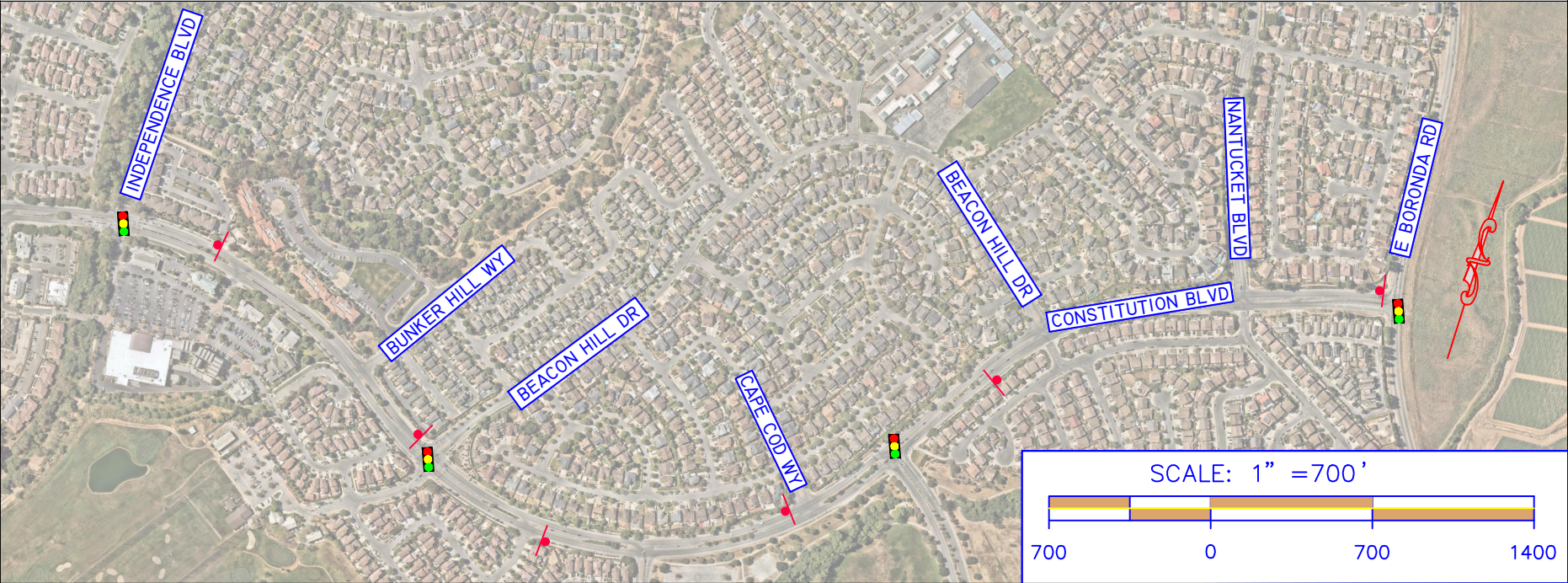
WEATHER Sunny

Direction: EB

| MPH | Number of Vehicles | | | |
|-----|--------------------|----|----|----|
| | 5 | 10 | 15 | 20 |
| 70 | | | | |
| 69 | | | | |
| 68 | | | | |
| 67 | | | | |
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| 40 | | | | |
| 39 | | | | |
| 38 | X | | | |
| 37 | X | | | |
| 36 | X | X | | |
| 35 | X | X | X | |
| 34 | X | X | | |
| 33 | X | X | X | X |
| 32 | X | X | X | X |
| 31 | X | X | X | X |
| 30 | X | X | X | |
| 29 | X | X | X | |
| 28 | X | X | | |
| 27 | X | | | |
| 26 | X | X | X | X |
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Direction: WB

| MPH | Number of Vehicles | | | |
|-----|--------------------|----|----|----|
| | 5 | 10 | 15 | 20 |
| 70 | | | | |
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| 42 | | | | |
| 41 | X | | | |
| 40 | X | X | | |
| 39 | X | X | | |
| 38 | X | | | |
| 37 | X | | | |
| 36 | X | X | X | |
| 35 | X | X | X | |
| 34 | X | X | X | X |
| 33 | X | X | X | X |
| 32 | X | X | X | X |
| 31 | X | X | X | X |
| 30 | X | X | X | |
| 29 | X | X | X | |
| 28 | X | | | |
| 27 | X | | | |
| 26 | X | X | | |
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COMMENTS:

This segment of Constitution Boulevard is classified as a minor arterial in the City of Salinas General Plan. The surrounding land use includes backing residential homes, retail, and park use. Speed data collected on April 8, 2025, revealed the 85th percentile speed of 46 mph. The 10 mph pace ranges from 36 mph to 45 mph and suggests the 85th percentile is above this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speeds rounded down and reduced by 5 mph per MUTCD option 1, the existing posted speed limit of 40 mph should be retained.

| AREA | DESCRIPTION | MAP SYMBOL |  |
|--|---------------------------|---|---|
| Distance | Approximately 6,300 Feet | <div> ALL-WAY STOP</div> <div> SIGNAL</div> <div> SPEED LIMIT SIGN</div> <div> CITY LIMITS</div> <div> CROSSWALK</div> <div> SCHOOL CROSSWALK</div> | |
| Vertical Alignment | Flat | | |
| Street Width | 87 Feet | | |
| No. Lanes and Median | 4-Lane Minor Arterial | | |
| Proposed Speed Zone | 40 MPH | | |
| 85th Percentile Speed | 46 MPH | | |
| Traffic Volume (Date) | 10,572 (2024) | | |
| Accident Data (2 years) | 14 Collisions (2022-2023) | | |
| Street Segment Collision Rate = $\frac{\text{Collisions}}{\text{Years}} \times \frac{1,000,000}{\text{ADT} \times \text{Length in Miles}}$ (Years) (365) (ADT) (Length in Miles) | 1.52 Acc./MVM | | |



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | |
|------------------|---|------------|----------------|---|
| Street: | <u>Constitution Boulevard</u> | Direction: | <u>NBD</u> | Comments: <div style="border: 1px solid black; padding: 2px; margin-top: 10px;">No. 27</div> |
| Between: | <u>Independence Boulevard and Boronda Road</u> | | | |
| Survey Location: | <u>Constitution Boulevard @ Las Casitas Drive</u> | | | |
| Speed Limit: | <u>40</u> MPH | | | |
| Date: | <u>04/08/25</u> | Day: | <u>Tuesday</u> | |
| Hours: From: | <u>01:43</u> | To: | <u>02:19</u> | |
| Weather: | <u>Clear</u> | | | |
| Observer(s): | <u>Alejandro M.</u> | | | |

| MPH | Frequency | Percent | Cumulative % | |
|---------|-----------|---------|--------------|--|
| 30 | 0 | 0.00% | 0.00% | |
| 31 | 1 | 2.00% | 2.00% | |
| 32 | 1 | 2.00% | 4.00% | |
| 33 | 2 | 4.00% | 8.00% | |
| 34 | 3 | 6.00% | 14.00% | |
| 35 | 3 | 6.00% | 20.00% | |
| 36 | 2 | 4.00% | 24.00% | |
| 37 | 3 | 6.00% | 30.00% | |
| 38 | 4 | 8.00% | 38.00% | |
| 39 | 5 | 10.00% | 48.00% | |
| 40 | 3 | 6.00% | 54.00% | |
| 41 | 1 | 2.00% | 56.00% | |
| 42 | 3 | 6.00% | 62.00% | |
| 43 | 2 | 4.00% | 66.00% | |
| 44 | 4 | 8.00% | 74.00% | |
| 45 | 2 | 4.00% | 78.00% | |
| 46 | 2 | 4.00% | 82.00% | |
| 47 | 1 | 2.00% | 84.00% | |
| 48 | 3 | 6.00% | 90.00% | |
| 49 | 0 | 0.00% | 90.00% | |
| 50 | 1 | 2.00% | 92.00% | |
| 51 | 2 | 4.00% | 96.00% | |
| 52 | 1 | 2.00% | 98.00% | |
| 53 | 1 | 2.00% | 100.00% | |
| 54 | 0 | 0.00% | 100.00% | |
| 55 | 0 | 0.00% | 100.00% | |
| 56 | 0 | 0.00% | 100.00% | |
| 57 | 0 | 0.00% | 100.00% | |
| 58 | 0 | 0.00% | 100.00% | |
| 59 | 0 | 0.00% | 100.00% | |
| 60 | 0 | 0.00% | 100.00% | |
| 61 | 0 | 0.00% | 100.00% | |
| 62 | 0 | 0.00% | 100.00% | |
| 63 | 0 | 0.00% | 100.00% | |
| 64 | 0 | 0.00% | 100.00% | |
| 65 | 0 | 0.00% | 100.00% | |
| 66 | 0 | 0.00% | 100.00% | |
| 67 | 0 | 0.00% | 100.00% | |
| 68 | 0 | 0.00% | 100.00% | |
| 69 | 0 | 0.00% | 100.00% | |
| 70 | 0 | 0.00% | 100.00% | |
| 71 | 0 | 0.00% | 100.00% | |
| 72 | 0 | 0.00% | 100.00% | |
| 73 | 0 | 0.00% | 100.00% | |
| 74 | 0 | 0.00% | 100.00% | |
| Totals: | 50 | 100.00% | | |

Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 40.9 | MPH |
| Sample Variance: | 32.21 | |
| Standard Deviation: | 5.7 | |
| Variance of the Mean: | 0.6442 | |
| Standard Error of the Mean: | 0.8 | |
| 10 MPH Pace: | 35 | To: 44 MPH |
| Percent in Pace: | 60.0% | |
| Vehicles in Pace: | 30 | |
| 50th Percentile Speed: | 40 | MPH |
| 85th Percentile Speed: | 48 | MPH |
| 90th Percentile Speed: | 48 | MPH |
| 95th Percentile Speed: | 51 | MPH |

Cumulative Frequency Distribution

Spot Speed MPH

Frequency Distribution

Spot Speed, MPH



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | |
|------------------|---|------------|----------------|---|
| Street: | <u>Constitution Boulevard</u> | Direction: | <u>SBD</u> | Comments: <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">No. 27</div> |
| Between: | <u>Independence Boulevard and Boronda Road</u> | | | |
| Survey Location: | <u>Constitution Boulevard @ Las Casitas Drive</u> | | | |
| Speed Limit: | <u>40</u> MPH | | | |
| Date: | <u>04/08/25</u> | Day: | <u>Tuesday</u> | |
| Hours: From: | <u>01:43</u> | To: | <u>02:19</u> | |
| Weather: | <u>Clear</u> | | | |
| Observer(s): | <u>Alejandro M.</u> | | | |

| MPH | Frequency | Percent | Cumulative % | |
|---------|-----------|---------|--------------|--|
| 30 | 1 | 2.00% | 2.00% | |
| 31 | 1 | 2.00% | 4.00% | |
| 32 | 1 | 2.00% | 6.00% | |
| 33 | 1 | 2.00% | 8.00% | |
| 34 | 2 | 4.00% | 12.00% | |
| 35 | 1 | 2.00% | 14.00% | |
| 36 | 2 | 4.00% | 18.00% | |
| 37 | 1 | 2.00% | 20.00% | |
| 38 | 1 | 2.00% | 22.00% | |
| 39 | 5 | 10.00% | 32.00% | |
| 40 | 5 | 10.00% | 42.00% | |
| 41 | 5 | 10.00% | 52.00% | |
| 42 | 5 | 10.00% | 62.00% | |
| 43 | 2 | 4.00% | 66.00% | |
| 44 | 6 | 12.00% | 78.00% | |
| 45 | 4 | 8.00% | 86.00% | |
| 46 | 1 | 2.00% | 88.00% | |
| 47 | 2 | 4.00% | 92.00% | |
| 48 | 0 | 0.00% | 92.00% | |
| 49 | 1 | 2.00% | 94.00% | |
| 50 | 0 | 0.00% | 94.00% | |
| 51 | 1 | 2.00% | 96.00% | |
| 52 | 1 | 2.00% | 98.00% | |
| 53 | 0 | 0.00% | 98.00% | |
| 54 | 0 | 0.00% | 98.00% | |
| 55 | 0 | 0.00% | 98.00% | |
| 56 | 0 | 0.00% | 98.00% | |
| 57 | 0 | 0.00% | 98.00% | |
| 58 | 0 | 0.00% | 98.00% | |
| 59 | 1 | 2.00% | 100.00% | |
| 60 | 0 | 0.00% | 100.00% | |
| 61 | 0 | 0.00% | 100.00% | |
| 62 | 0 | 0.00% | 100.00% | |
| 63 | 0 | 0.00% | 100.00% | |
| 64 | 0 | 0.00% | 100.00% | |
| 65 | 0 | 0.00% | 100.00% | |
| 66 | 0 | 0.00% | 100.00% | |
| 67 | 0 | 0.00% | 100.00% | |
| 68 | 0 | 0.00% | 100.00% | |
| 69 | 0 | 0.00% | 100.00% | |
| 70 | 0 | 0.00% | 100.00% | |
| 71 | 0 | 0.00% | 100.00% | |
| 72 | 0 | 0.00% | 100.00% | |
| 73 | 0 | 0.00% | 100.00% | |
| 74 | 0 | 0.00% | 100.00% | |
| Totals: | 50 | 100.00% | | |

Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 41.3 | MPH |
| Sample Variance: | 29.21 | |
| Standard Deviation: | 5.4 | |
| Variance of the Mean: | 0.5842 | |
| Standard Error of the Mean: | 0.8 | |
| 10 MPH Pace: | 36 | To: 45 MPH |
| Percent in Pace: | 72.0% | |
| Vehicles in Pace: | 36 | |
| 50th Percentile Speed: | 41 | MPH |
| 85th Percentile Speed: | 45 | MPH |
| 90th Percentile Speed: | 47 | MPH |
| 95th Percentile Speed: | 51 | MPH |

Cumulative Frequency Distribution

Frequency Distribution



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | | |
|------------------|---|------------|----------------|--------|-----------|
| Street: | <u>Constitution Boulevard</u> | Direction: | <u>NBD/SBD</u> | | Comments: |
| Between: | <u>Independence Boulevard and Boronda Road</u> | | | No. 27 | |
| Survey Location: | <u>Constitution Boulevard @ Las Casitas Drive</u> | | | | |
| Speed Limit: | <u>40</u> MPH | | | | |
| Date: | <u>04/08/25</u> | Day: | <u>Tuesday</u> | | |
| Hours: From: | <u>01:43</u> | To: | <u>02:19</u> | | |
| Weather: | <u>Clear</u> | | | | |
| Observer(s): | <u>Alejandro M.</u> | | | | |

| MPH | Frequency | Percent | Cumulative % | |
|---------|-----------|---------|--------------|--|
| 30 | 1 | 1.00% | 1.00% | |
| 31 | 2 | 2.00% | 3.00% | |
| 32 | 2 | 2.00% | 5.00% | |
| 33 | 3 | 3.00% | 8.00% | |
| 34 | 5 | 5.00% | 13.00% | |
| 35 | 4 | 4.00% | 17.00% | |
| 36 | 4 | 4.00% | 21.00% | |
| 37 | 4 | 4.00% | 25.00% | |
| 38 | 5 | 5.00% | 30.00% | |
| 39 | 10 | 10.00% | 40.00% | |
| 40 | 8 | 8.00% | 48.00% | |
| 41 | 6 | 6.00% | 54.00% | |
| 42 | 8 | 8.00% | 62.00% | |
| 43 | 4 | 4.00% | 66.00% | |
| 44 | 10 | 10.00% | 76.00% | |
| 45 | 6 | 6.00% | 82.00% | |
| 46 | 3 | 3.00% | 85.00% | |
| 47 | 3 | 3.00% | 88.00% | |
| 48 | 3 | 3.00% | 91.00% | |
| 49 | 1 | 1.00% | 92.00% | |
| 50 | 1 | 1.00% | 93.00% | |
| 51 | 3 | 3.00% | 96.00% | |
| 52 | 2 | 2.00% | 98.00% | |
| 53 | 1 | 1.00% | 99.00% | |
| 54 | 0 | 0.00% | 99.00% | |
| 55 | 0 | 0.00% | 99.00% | |
| 56 | 0 | 0.00% | 99.00% | |
| 57 | 0 | 0.00% | 99.00% | |
| 58 | 0 | 0.00% | 99.00% | |
| 59 | 1 | 1.00% | 100.00% | |
| 60 | 0 | 0.00% | 100.00% | |
| 61 | 0 | 0.00% | 100.00% | |
| 62 | 0 | 0.00% | 100.00% | |
| 63 | 0 | 0.00% | 100.00% | |
| 64 | 0 | 0.00% | 100.00% | |
| 65 | 0 | 0.00% | 100.00% | |
| 66 | 0 | 0.00% | 100.00% | |
| 67 | 0 | 0.00% | 100.00% | |
| 68 | 0 | 0.00% | 100.00% | |
| 69 | 0 | 0.00% | 100.00% | |
| 70 | 0 | 0.00% | 100.00% | |
| 71 | 0 | 0.00% | 100.00% | |
| 72 | 0 | 0.00% | 100.00% | |
| 73 | 0 | 0.00% | 100.00% | |
| 74 | 0 | 0.00% | 100.00% | |
| Totals: | 100 | 100.00% | | |

Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 41.1 | MPH |
| Sample Variance: | 30.45 | |
| Standard Deviation: | 5.5 | |
| Variance of the Mean: | 0.3045 | |
| Standard Error of the Mean: | 0.6 | |
| 10 MPH Pace: | 36 | To: 45 MPH |
| Percent in Pace: | 65.0% | |
| Vehicles in Pace: | 65 | |
| 50th Percentile Speed: | 41 | MPH |
| 85th Percentile Speed: | 46 | MPH |
| 90th Percentile Speed: | 48 | MPH |
| 95th Percentile Speed: | 51 | MPH |

Cumulative Frequency Distribution

Frequency Distribution

SPEED SURVEY FIELD SHEET

CITY OF SALINAS

SITE CODE
27

LOCATION Constitution Blvd. between Independence Blvd. and Borwick Rd.

DATE 4/8/25 DAY Tuesday TIME 1:43 TO 2:19

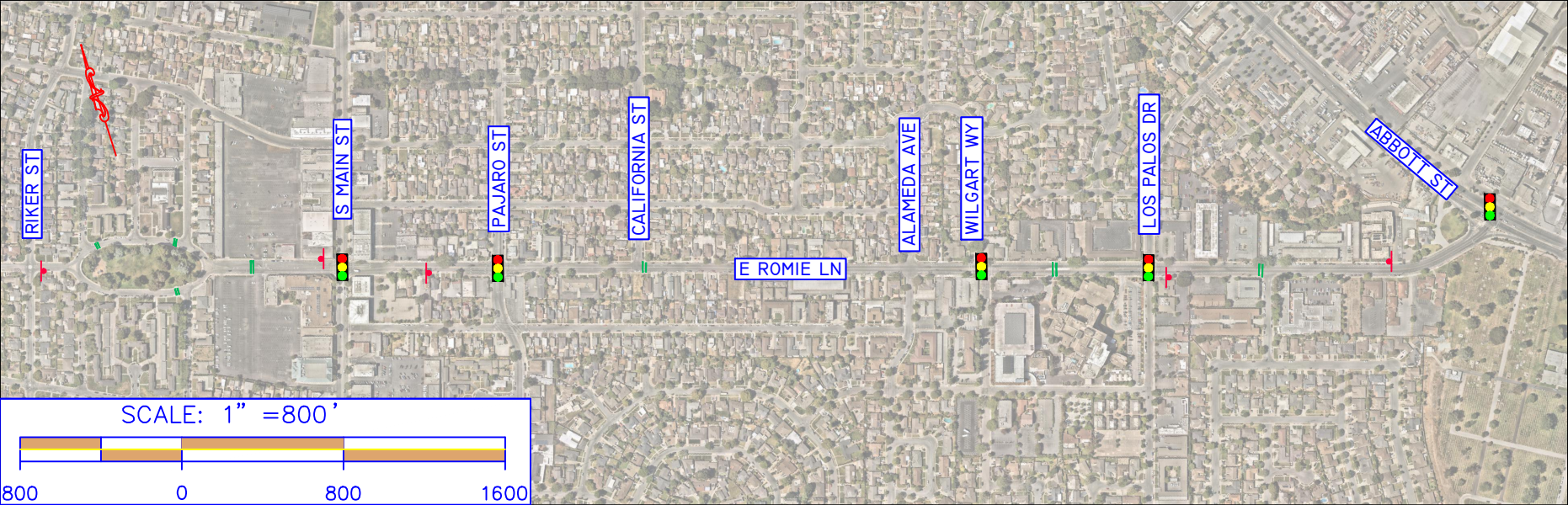
OBSERVER Alejandro M. CALCULATED BY Alejandro M. WEATHER Clear

| Direction: <u>N.B.</u> | | Number of Vehicles | | | | | | | | | | | | | | | |
|------------------------|--|--------------------|--|--|--|----|--|--|--|----|--|--|--|----|--|--|--|
| MPH | | 5 | | | | 10 | | | | 15 | | | | 20 | | | |
| 70 | | | | | | | | | | | | | | | | | |
| 69 | | | | | | | | | | | | | | | | | |
| 68 | | | | | | | | | | | | | | | | | |
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| Direction: <u>S.B.</u> | | Number of Vehicles | | | | | | | | | | | | | | | |
|------------------------|--|--------------------|--|--|--|----|--|--|--|----|--|--|--|----|--|--|--|
| MPH | | 5 | | | | 10 | | | | 15 | | | | 20 | | | |
| 70 | | | | | | | | | | | | | | | | | |
| 69 | | | | | | | | | | | | | | | | | |
| 68 | | | | | | | | | | | | | | | | | |
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| 30 | | | | | | | | | | | | | | | | | |
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| 10 | | | | | | | | | | | | | | | | | |

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COMMENTS:

This segment of Romie Lane is classified as a minor arterial in the City of Salinas General Plan. The surrounding land use includes residential homes, retail, office, hospital, and park use. Speed data collected on April 22, 2025, revealed the 85th percentile speed of 35 mph. The 10 mph pace ranges from 26 mph to 35 mph and suggests the 85th percentile is within this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speeds reduced by 5 mph per MUTCD option 1, the existing posted speed limit of 30 mph should be retained.

| AREA | DESCRIPTION | MAP SYMBOL |  |
|---|--------------------------|--|---|
| Distance | Approximately 7,450 Feet |  ALL-WAY STOP | |
| Vertical Alignment | Flat |  SIGNAL | |
| Street Width | Varies (46 to 62 Feet) |  SPEED LIMIT SIGN | |
| No. Lanes and Median | 4-Lane Minor Arterial |  CITY LIMITS | |
| Proposed Speed Zone | 30 MPH |  CROSSWALK | |
| 85th Percentile Speed | 35 MPH |  SCHOOL CROSSWALK | |
| Traffic Volume (Date) | 8,168 (2023) | | |
| Accident Data (2 years) | 3 Collisions (2022-2023) | | |
| Street Segment Collision Rate = $\frac{\text{Collisions}}{\text{Years}} \times \frac{1,000,000}{\text{ADT} \times \text{Length in Miles}}$ | 0.36 Acc./MVM | | |



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | | |
|------------------|-------------------------------|-------------------------|-------|--|--|
| Street: | E Romie Lane | Direction: | WBD | | |
| Between: | Riker Street and Abott Street | No. 45 Comments: | | | |
| Survey Location: | 242 E Romie Lane | | | | |
| Speed Limit: | 30 MPH | | | | |
| Date: | 04/22/25 | | | | |
| Hours: | From: 01:13 | To: | 01:38 | | |
| Weather: | Clear | | | | |
| Observer(s): | Alejandro M. | | | | |

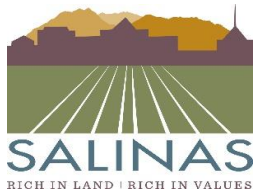
| MPH | Frequency | Percent | Cumulative % | Data Analysis: | | | |
|---------|-----------|---------|--------------|--|--|--|--|
| 21 | 1 | 2.00% | 2.00% | <div>Time Mean Speed: 30.7 MPH</div> <div>Sample Variance: 24.67</div> <div>Standard Deviation: 5.0</div> <div>Variance of the Mean: 0.4934</div> <div>Standard Error of the Mean: 0.7</div> <div>10 MPH Pace: 25 To: 34 MPH</div> <div>Percent in Pace: 72.0%</div> <div>Vehicles in Pace: 36</div> <div>50th Percentile Speed: 30 MPH</div> <div>85th Percentile Speed: 35 MPH</div> <div>90th Percentile Speed: 36 MPH</div> <div>95th Percentile Speed: 39 MPH</div> | | | |
| 22 | 2 | 4.00% | 6.00% | | | | |
| 23 | 1 | 2.00% | 8.00% | | | | |
| 24 | 0 | 0.00% | 8.00% | | | | |
| 25 | 3 | 6.00% | 14.00% | | | | |
| 26 | 5 | 10.00% | 24.00% | | | | |
| 27 | 1 | 2.00% | 26.00% | | | | |
| 28 | 3 | 6.00% | 32.00% | | | | |
| 29 | 4 | 8.00% | 40.00% | | | | |
| 30 | 6 | 12.00% | 52.00% | | | | |
| 31 | 1 | 2.00% | 54.00% | | | | |
| 32 | 4 | 8.00% | 62.00% | | | | |
| 33 | 7 | 14.00% | 76.00% | | | | |
| 34 | 2 | 4.00% | 80.00% | | | | |
| 35 | 3 | 6.00% | 86.00% | | | | |
| 36 | 3 | 6.00% | 92.00% | | | | |
| 37 | 1 | 2.00% | 94.00% | | | | |
| 38 | 0 | 0.00% | 94.00% | | | | |
| 39 | 1 | 2.00% | 96.00% | | | | |
| 40 | 0 | 0.00% | 96.00% | | | | |
| 41 | 0 | 0.00% | 96.00% | | | | |
| 42 | 1 | 2.00% | 98.00% | | | | |
| 43 | 0 | 0.00% | 98.00% | | | | |
| 44 | 0 | 0.00% | 98.00% | | | | |
| 45 | 1 | 2.00% | 100.00% | | | | |
| 46 | 0 | 0.00% | 100.00% | | | | |
| 47 | 0 | 0.00% | 100.00% | | | | |
| 48 | 0 | 0.00% | 100.00% | | | | |
| 49 | 0 | 0.00% | 100.00% | | | | |
| 50 | 0 | 0.00% | 100.00% | | | | |
| 51 | 0 | 0.00% | 100.00% | | | | |
| 52 | 0 | 0.00% | 100.00% | | | | |
| 53 | 0 | 0.00% | 100.00% | | | | |
| 54 | 0 | 0.00% | 100.00% | | | | |
| 55 | 0 | 0.00% | 100.00% | | | | |
| 56 | 0 | 0.00% | 100.00% | | | | |
| 57 | 0 | 0.00% | 100.00% | | | | |
| 58 | 0 | 0.00% | 100.00% | | | | |
| 59 | 0 | 0.00% | 100.00% | | | | |
| 60 | 0 | 0.00% | 100.00% | | | | |
| 61 | 0 | 0.00% | 100.00% | | | | |
| 62 | 0 | 0.00% | 100.00% | | | | |
| 63 | 0 | 0.00% | 100.00% | | | | |
| 64 | 0 | 0.00% | 100.00% | | | | |
| 65 | 0 | 0.00% | 100.00% | | | | |
| Totals: | 50 | 100.00% | | | | | |

Cumulative Frequency Distribution

| Spot Speed (MPH) | Cumulative Frequency (%) |
|------------------|--------------------------|
| 21 | 2.00 |
| 22 | 6.00 |
| 23 | 8.00 |
| 24 | 8.00 |
| 25 | 14.00 |
| 26 | 24.00 |
| 27 | 26.00 |
| 28 | 32.00 |
| 29 | 40.00 |
| 30 | 52.00 |
| 31 | 54.00 |
| 32 | 62.00 |
| 33 | 76.00 |
| 34 | 80.00 |
| 35 | 86.00 |
| 36 | 92.00 |
| 37 | 94.00 |
| 38 | 94.00 |
| 39 | 96.00 |
| 40 | 96.00 |
| 41 | 96.00 |
| 42 | 98.00 |
| 43 | 98.00 |
| 44 | 98.00 |
| 45 | 100.00 |
| 46-65 | 100.00 |

Frequency Distribution

| Spot Speed (MPH) | Frequency |
|------------------|-----------|
| 21 | 1 |
| 22 | 2 |
| 23 | 1 |
| 24 | 0 |
| 25 | 3 |
| 26 | 5 |
| 27 | 1 |
| 28 | 3 |
| 29 | 4 |
| 30 | 6 |
| 31 | 1 |
| 32 | 4 |
| 33 | 7 |
| 34 | 2 |
| 35 | 1 |
| 36 | 3 |
| 37 | 3 |
| 38 | 1 |
| 39 | 1 |
| 40 | 0 |
| 41 | 1 |
| 42 | 0 |
| 43 | 0 |
| 44 | 0 |
| 45 | 1 |
| 46-65 | 0 |



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | |
|------------------|-------------------------------|------------|---------|---|
| Street: | E Romie Lane | Direction: | EBD | Comments: <div style="border: 1px solid black; padding: 2px; margin-top: 10px;">No. 45</div> |
| Between: | Riker Street and Abott Street | | | |
| Survey Location: | 242 E Romie Lane | | | |
| Speed Limit: | 30 MPH | | | |
| Date: | 04/22/25 | Day: | Tuesday | |
| Hours: From: | 01:13 | To: | 01:38 | |
| Weather: | Clear | | | |
| Observer(s): | Alejandro M. | | | |

| MPH | Frequency | Percent | Cumulative % | |
|---------|-----------|---------|--------------|--|
| 21 | 0 | 0.00% | 0.00% | |
| 22 | 1 | 2.00% | 2.00% | |
| 23 | 2 | 4.00% | 6.00% | |
| 24 | 1 | 2.00% | 8.00% | |
| 25 | 0 | 0.00% | 8.00% | |
| 26 | 2 | 4.00% | 12.00% | |
| 27 | 1 | 2.00% | 14.00% | |
| 28 | 6 | 12.00% | 26.00% | |
| 29 | 3 | 6.00% | 32.00% | |
| 30 | 7 | 14.00% | 46.00% | |
| 31 | 6 | 12.00% | 58.00% | |
| 32 | 5 | 10.00% | 68.00% | |
| 33 | 3 | 6.00% | 74.00% | |
| 34 | 3 | 6.00% | 80.00% | |
| 35 | 4 | 8.00% | 88.00% | |
| 36 | 1 | 2.00% | 90.00% | |
| 37 | 1 | 2.00% | 92.00% | |
| 38 | 1 | 2.00% | 94.00% | |
| 39 | 1 | 2.00% | 96.00% | |
| 40 | 1 | 2.00% | 98.00% | |
| 41 | 0 | 0.00% | 98.00% | |
| 42 | 0 | 0.00% | 98.00% | |
| 43 | 1 | 2.00% | 100.00% | |
| 44 | 0 | 0.00% | 100.00% | |
| 45 | 0 | 0.00% | 100.00% | |
| 46 | 0 | 0.00% | 100.00% | |
| 47 | 0 | 0.00% | 100.00% | |
| 48 | 0 | 0.00% | 100.00% | |
| 49 | 0 | 0.00% | 100.00% | |
| 50 | 0 | 0.00% | 100.00% | |
| 51 | 0 | 0.00% | 100.00% | |
| 52 | 0 | 0.00% | 100.00% | |
| 53 | 0 | 0.00% | 100.00% | |
| 54 | 0 | 0.00% | 100.00% | |
| 55 | 0 | 0.00% | 100.00% | |
| 56 | 0 | 0.00% | 100.00% | |
| 57 | 0 | 0.00% | 100.00% | |
| 58 | 0 | 0.00% | 100.00% | |
| 59 | 0 | 0.00% | 100.00% | |
| 60 | 0 | 0.00% | 100.00% | |
| 61 | 0 | 0.00% | 100.00% | |
| 62 | 0 | 0.00% | 100.00% | |
| 63 | 0 | 0.00% | 100.00% | |
| 64 | 0 | 0.00% | 100.00% | |
| 65 | 0 | 0.00% | 100.00% | |
| Totals: | 50 | 100.00% | | |

Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 31.1 | MPH |
| Sample Variance: | 18.43 | |
| Standard Deviation: | 4.3 | |
| Variance of the Mean: | 0.3686 | |
| Standard Error of the Mean: | 0.6 | |
| 10 MPH Pace: | 26 | To: 35 MPH |
| Percent in Pace: | 80.0% | |
| Vehicles in Pace: | 40 | |
| 50th Percentile Speed: | 31 | MPH |
| 85th Percentile Speed: | 35 | MPH |
| 90th Percentile Speed: | 36 | MPH |
| 95th Percentile Speed: | 39 | MPH |

Cumulative Frequency Distribution

Spot Speed MPH

Frequency Distribution

Spot Speed, MPH



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | | |
|------------------|-------------------------------|------------|---------|--------|-----------|
| Street: | E Romie Lane | Direction: | WBD/EBD | No. 45 | Comments: |
| Between: | Riker Street and Abott Street | | | | |
| Survey Location: | 242 E Romie Lane | | | | |
| Speed Limit: | 30 MPH | | | | |
| Date: | 04/22/25 | Day: | Tuesday | | |
| Hours: | From: 01:13 | To: | 01:38 | | |
| Weather: | Clear | | | | |
| Observer(s): | Alejandro M. | | | | |

| MPH | Frequency | Percent | Cumulative % | |
|---------|-----------|---------|--------------|--|
| 21 | 1 | 1.00% | 1.00% | |
| 22 | 3 | 3.00% | 4.00% | |
| 23 | 3 | 3.00% | 7.00% | |
| 24 | 1 | 1.00% | 8.00% | |
| 25 | 3 | 3.00% | 11.00% | |
| 26 | 7 | 7.00% | 18.00% | |
| 27 | 2 | 2.00% | 20.00% | |
| 28 | 9 | 9.00% | 29.00% | |
| 29 | 7 | 7.00% | 36.00% | |
| 30 | 13 | 13.00% | 49.00% | |
| 31 | 7 | 7.00% | 56.00% | |
| 32 | 9 | 9.00% | 65.00% | |
| 33 | 10 | 10.00% | 75.00% | |
| 34 | 5 | 5.00% | 80.00% | |
| 35 | 7 | 7.00% | 87.00% | |
| 36 | 4 | 4.00% | 91.00% | |
| 37 | 2 | 2.00% | 93.00% | |
| 38 | 1 | 1.00% | 94.00% | |
| 39 | 2 | 2.00% | 96.00% | |
| 40 | 1 | 1.00% | 97.00% | |
| 41 | 0 | 0.00% | 97.00% | |
| 42 | 1 | 1.00% | 98.00% | |
| 43 | 1 | 1.00% | 99.00% | |
| 44 | 0 | 0.00% | 99.00% | |
| 45 | 1 | 1.00% | 100.00% | |
| 46 | 0 | 0.00% | 100.00% | |
| 47 | 0 | 0.00% | 100.00% | |
| 48 | 0 | 0.00% | 100.00% | |
| 49 | 0 | 0.00% | 100.00% | |
| 50 | 0 | 0.00% | 100.00% | |
| 51 | 0 | 0.00% | 100.00% | |
| 52 | 0 | 0.00% | 100.00% | |
| 53 | 0 | 0.00% | 100.00% | |
| 54 | 0 | 0.00% | 100.00% | |
| 55 | 0 | 0.00% | 100.00% | |
| 56 | 0 | 0.00% | 100.00% | |
| 57 | 0 | 0.00% | 100.00% | |
| 58 | 0 | 0.00% | 100.00% | |
| 59 | 0 | 0.00% | 100.00% | |
| 60 | 0 | 0.00% | 100.00% | |
| 61 | 0 | 0.00% | 100.00% | |
| 62 | 0 | 0.00% | 100.00% | |
| 63 | 0 | 0.00% | 100.00% | |
| 64 | 0 | 0.00% | 100.00% | |
| 65 | 0 | 0.00% | 100.00% | |
| Totals: | 100 | 100.00% | | |

Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 30.9 | MPH |
| Sample Variance: | 21.38 | |
| Standard Deviation: | 4.6 | |
| Variance of the Mean: | 0.2138 | |
| Standard Error of the Mean: | 0.5 | |
| 10 MPH Pace: | 26 | To: 35 MPH |
| Percent in Pace: | 76.0% | |
| Vehicles in Pace: | 76 | |
| 50th Percentile Speed: | 31 | MPH |
| 85th Percentile Speed: | 35 | MPH |
| 90th Percentile Speed: | 36 | MPH |
| 95th Percentile Speed: | 39 | MPH |

Cumulative Frequency Distribution

Frequency Distribution

SITE CODE
45

SPEED SURVEY FIELD SHEET

CITY OF SALINAS

LOCATION Ranite Ln. between Riker St. and Abbott St.

DATE 04/22 DAY Tuesday TIME 1:13 TO 1:38

OBSERVER Alejandro M. CALCULATED BY Alejandro M. WEATHER Clear

Direction: E.B.

| MPH | Number of Vehicles | | | |
|-----|--------------------|----|----|----|
| | 5 | 10 | 15 | 20 |
| 70 | | | | |
| 69 | | | | |
| 68 | | | | |
| 67 | | | | |
| 66 | | | | |
| 65 | | | | |
| 64 | | | | |
| 63 | | | | |
| 62 | | | | |
| 61 | | | | |
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| 49 | | | | |
| 48 | | | | |
| 47 | | | | |
| 46 | | | | |
| 45 | | | | |
| 44 | | | | |
| 43 | X | | | |
| 42 | | | | |
| 41 | | | | |
| 40 | X | | | |
| 39 | X | | | |
| 38 | X | | | |
| 37 | X | | | |
| 36 | X | | | |
| 35 | X | X | | |
| 34 | X | X | | |
| 33 | X | X | | |
| 32 | X | X | X | |
| 31 | X | X | X | |
| 30 | X | X | X | |
| 29 | X | X | X | |
| 28 | X | X | X | |
| 27 | X | | | |
| 26 | X | | | |
| 25 | | | | |
| 24 | X | | | |
| 23 | X | | | |
| 22 | X | | | |
| 21 | | | | |
| 20 | | | | |
| 19 | | | | |
| 18 | | | | |
| 17 | | | | |
| 16 | | | | |
| 15 | | | | |
| 14 | | | | |
| 13 | | | | |
| 12 | | | | |
| 11 | | | | |
| 10 | | | | |








Direction: W.B.

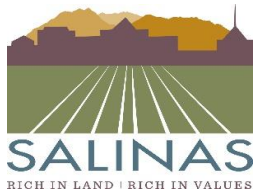
| MPH | Number of Vehicles | | | |
|-----|--------------------|----|----|----|
| | 5 | 10 | 15 | 20 |
| 70 | | | | |
| 69 | | | | |
| 68 | | | | |
| 67 | | | | |
| 66 | | | | |
| 65 | | | | |
| 64 | | | | |
| 63 | | | | |
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| 51 | | | | |
| 50 | | | | |
| 49 | | | | |
| 48 | | | | |
| 47 | | | | |
| 46 | | | | |
| 45 | X | | | |
| 44 | | | | |
| 43 | | | | |
| 42 | X | | | |
| 41 | | | | |
| 40 | | | | |
| 39 | X | | | |
| 38 | | | | |
| 37 | X | | | |
| 36 | X | X | | |
| 35 | X | X | | |
| 34 | X | X | | |
| 33 | X | X | X | |
| 32 | X | X | X | |
| 31 | X | X | X | |
| 30 | X | X | X | |
| 29 | X | X | X | |
| 28 | X | X | X | |
| 27 | X | | | |
| 26 | X | X | X | |
| 25 | X | X | X | |
| 24 | | | | |
| 23 | X | | | |
| 22 | X | X | | |
| 21 | X | | | |
| 20 | | | | |
| 19 | | | | |
| 18 | | | | |
| 17 | | | | |
| 16 | | | | |
| 15 | | | | |
| 14 | | | | |
| 13 | | | | |
| 12 | | | | |
| 11 | | | | |
| 10 | | | | |



COMMENTS:

This segment of Natividad Road is classified as a major arterial in the City of Salinas General Plan. The surrounding land use includes fronting and backing residential homes and commercial businesses. Speed data collected on May 28, 2025, revealed the 85th percentile speed of 39 mph. The 10 mph pace ranges from 28 mph to 37 mph and suggests the 85th percentile is above this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speeds rounded up, the existing posted speed limit of 40 mph should be retained.

| AREA | DESCRIPTION | MAP SYMBOL |  |
|--|--------------------------|---|---|
| Distance | Approximately 2,450 Feet | <div><div> ALL-WAY STOP</div><div> SIGNAL</div><div> SPEED LIMIT SIGN</div><div> CITY LIMITS</div><div> CROSSWALK</div><div> SCHOOL CROSSWALK</div></div> | |
| Vertical Alignment | Flat | | |
| Street Width | Varies (50 to 88 Feet) | | |
| No. Lanes and Median | 4-Lane Major Arterial | | |
| Proposed Speed Zone | 40 MPH | | |
| 85th Percentile Speed | 39 MPH | | |
| Traffic Volume (Date) | 37,082 (2025) | | |
| Accident Data (2 years) | 9 Collisions (2022-2023) | | |
| Street Segment Collision Rate = $\frac{\text{Collisions}}{\text{Years}} \frac{1,000,000}{\text{ADT} \times \text{Length in Miles}}$ | 0.72 Acc./MVM | | |



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | | |
|------------------|---------------------------|------------|-------|--|-----------|
| Street: | Natividad Road | Direction: | NBD | | Comments: |
| Between: | E Bernal Dr & E Laurel Dr | No. 47 | | | |
| Survey Location: | 1 Lunsford Dr | | | | |
| Speed Limit: | 40 MPH | | | | |
| Date: | 05/28/25 | | | | |
| Hours: | From: 01:55 | To: | 02:28 | | |
| Weather: | Cloudy | | | | |
| Observer(s): | Rodolfo C | | | | |

| MPH | Frequency | Percent | Cumulative % | |
|---------|-----------|---------|--------------|--|
| 10 | 0 | 0.00% | 0.00% | |
| 11 | 0 | 0.00% | 0.00% | |
| 12 | 0 | 0.00% | 0.00% | |
| 13 | 0 | 0.00% | 0.00% | |
| 14 | 0 | 0.00% | 0.00% | |
| 15 | 0 | 0.00% | 0.00% | |
| 16 | 0 | 0.00% | 0.00% | |
| 17 | 0 | 0.00% | 0.00% | |
| 18 | 0 | 0.00% | 0.00% | |
| 19 | 0 | 0.00% | 0.00% | |
| 20 | 0 | 0.00% | 0.00% | |
| 21 | 0 | 0.00% | 0.00% | |
| 22 | 0 | 0.00% | 0.00% | |
| 23 | 0 | 0.00% | 0.00% | |
| 24 | 0 | 0.00% | 0.00% | |
| 25 | 0 | 0.00% | 0.00% | |
| 26 | 0 | 0.00% | 0.00% | |
| 27 | 0 | 0.00% | 0.00% | |
| 28 | 1 | 2.00% | 2.00% | |
| 29 | 0 | 0.00% | 2.00% | |
| 30 | 2 | 4.00% | 6.00% | |
| 31 | 5 | 10.00% | 16.00% | |
| 32 | 4 | 8.00% | 24.00% | |
| 33 | 5 | 10.00% | 34.00% | |
| 34 | 1 | 2.00% | 36.00% | |
| 35 | 6 | 12.00% | 48.00% | |
| 36 | 5 | 10.00% | 58.00% | |
| 37 | 4 | 8.00% | 66.00% | |
| 38 | 2 | 4.00% | 70.00% | |
| 39 | 2 | 4.00% | 74.00% | |
| 40 | 5 | 10.00% | 84.00% | |
| 41 | 2 | 4.00% | 88.00% | |
| 42 | 2 | 4.00% | 92.00% | |
| 43 | 0 | 0.00% | 92.00% | |
| 44 | 1 | 2.00% | 94.00% | |
| 45 | 2 | 4.00% | 98.00% | |
| 46 | 0 | 0.00% | 98.00% | |
| 47 | 1 | 2.00% | 100.00% | |
| 48 | 0 | 0.00% | 100.00% | |
| 49 | 0 | 0.00% | 100.00% | |
| 50 | 0 | 0.00% | 100.00% | |
| 51 | 0 | 0.00% | 100.00% | |
| 52 | 0 | 0.00% | 100.00% | |
| 53 | 0 | 0.00% | 100.00% | |
| 54 | 0 | 0.00% | 100.00% | |
| Totals: | 50 | 100.00% | | |

Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 36.2 | MPH |
| Sample Variance: | 19.54 | |
| Standard Deviation: | 4.4 | |
| Variance of the Mean: | 0.3908 | |
| Standard Error of the Mean: | 0.6 | |
| 10 MPH Pace: | 31 | To: 40 MPH |
| Percent in Pace: | 78.0% | |
| Vehicles in Pace: | 39 | |
| 50th Percentile Speed: | 36 | MPH |
| 85th Percentile Speed: | 41 | MPH |
| 90th Percentile Speed: | 42 | MPH |
| 95th Percentile Speed: | 45 | MPH |

Cumulative Frequency Distribution

Frequency Distribution



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

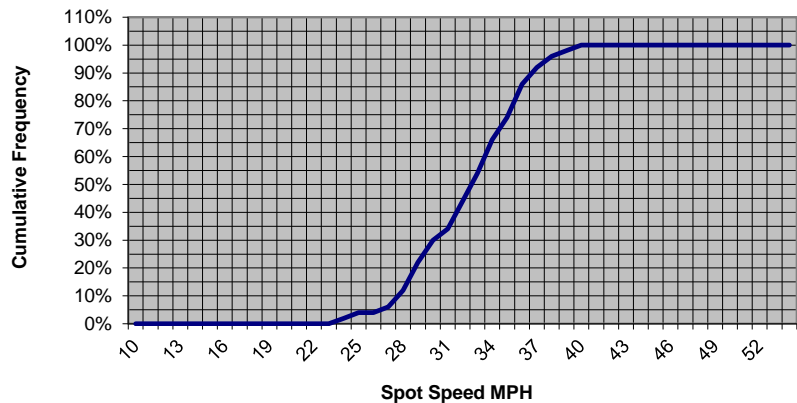
| | | | | |
|------------------|--------------------------------------|---------------|--------------|-----------|
| Street: | <u>Natividad Road</u> | Direction: | <u>SBD</u> | Comments: |
| Between: | <u>E Bernal Dr & E Laurel Dr</u> | No. 47 | | |
| Survey Location: | <u>1 Lunsford Dr</u> | | | |
| Speed Limit: | <u>40</u> MPH | | | |
| Date: | <u>05/28/25</u> | | | |
| Hours: | From: <u>01:55</u> | To: | <u>02:28</u> | |
| Weather: | <u>Cloudy</u> | | | |
| Observer(s): | <u>Rodolfo C</u> | | | |

| MPH | Frequency | Percent | Cumulative % |
|---------|-----------|---------|--------------|
| 10 | 0 | 0.00% | 0.00% |
| 11 | 0 | 0.00% | 0.00% |
| 12 | 0 | 0.00% | 0.00% |
| 13 | 0 | 0.00% | 0.00% |
| 14 | 0 | 0.00% | 0.00% |
| 15 | 0 | 0.00% | 0.00% |
| 16 | 0 | 0.00% | 0.00% |
| 17 | 0 | 0.00% | 0.00% |
| 18 | 0 | 0.00% | 0.00% |
| 19 | 0 | 0.00% | 0.00% |
| 20 | 0 | 0.00% | 0.00% |
| 21 | 0 | 0.00% | 0.00% |
| 22 | 0 | 0.00% | 0.00% |
| 23 | 0 | 0.00% | 0.00% |
| 24 | 1 | 2.00% | 2.00% |
| 25 | 1 | 2.00% | 4.00% |
| 26 | 0 | 0.00% | 4.00% |
| 27 | 1 | 2.00% | 6.00% |
| 28 | 3 | 6.00% | 12.00% |
| 29 | 5 | 10.00% | 22.00% |
| 30 | 4 | 8.00% | 30.00% |
| 31 | 2 | 4.00% | 34.00% |
| 32 | 5 | 10.00% | 44.00% |
| 33 | 5 | 10.00% | 54.00% |
| 34 | 6 | 12.00% | 66.00% |
| 35 | 4 | 8.00% | 74.00% |
| 36 | 6 | 12.00% | 86.00% |
| 37 | 3 | 6.00% | 92.00% |
| 38 | 2 | 4.00% | 96.00% |
| 39 | 1 | 2.00% | 98.00% |
| 40 | 1 | 2.00% | 100.00% |
| 41 | 0 | 0.00% | 100.00% |
| 42 | 0 | 0.00% | 100.00% |
| 43 | 0 | 0.00% | 100.00% |
| 44 | 0 | 0.00% | 100.00% |
| 45 | 0 | 0.00% | 100.00% |
| 46 | 0 | 0.00% | 100.00% |
| 47 | 0 | 0.00% | 100.00% |
| 48 | 0 | 0.00% | 100.00% |
| 49 | 0 | 0.00% | 100.00% |
| 50 | 0 | 0.00% | 100.00% |
| 51 | 0 | 0.00% | 100.00% |
| 52 | 0 | 0.00% | 100.00% |
| 53 | 0 | 0.00% | 100.00% |
| 54 | 0 | 0.00% | 100.00% |
| Totals: | 50 | 100.00% | |

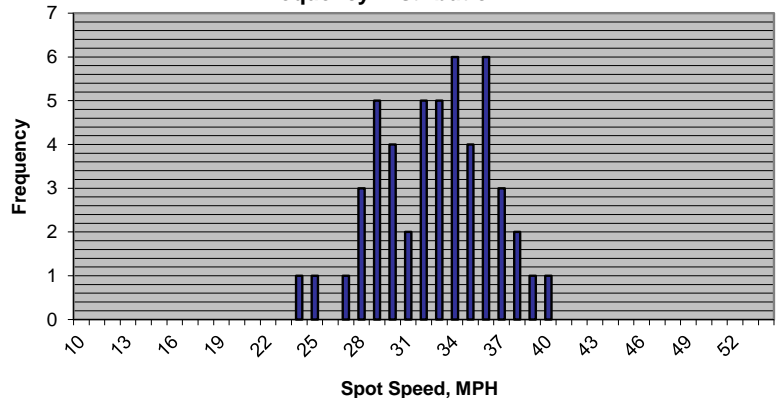
Data Analysis:

| | | |
|-----------------------------|---------------|-------------------|
| Time Mean Speed: | <u>32.8</u> | MPH |
| Sample Variance: | <u>13.08</u> | |
| Standard Deviation: | <u>3.6</u> | |
| Variance of the Mean: | <u>0.2616</u> | |
| Standard Error of the Mean: | <u>0.5</u> | |
| 10 MPH Pace: | <u>28</u> | To: <u>37</u> MPH |
| Percent in Pace: | <u>86.0%</u> | |
| Vehicles in Pace: | <u>43</u> | |
| 50th Percentile Speed: | <u>33</u> | MPH |
| 85th Percentile Speed: | <u>36</u> | MPH |
| 90th Percentile Speed: | <u>37</u> | MPH |
| 95th Percentile Speed: | <u>38</u> | MPH |

Cumulative Frequency Distribution



Frequency Distribution





CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | | |
|------------------|---------------------------|------------|-----------|--------|-----------|
| Street: | Natividad Road | Direction: | NBD/SBD | No. 47 | Comments: |
| Between: | E Bernal Dr & E Laurel Dr | | | | |
| Survey Location: | 1 Lunsford Dr | | | | |
| Speed Limit: | 40 MPH | | | | |
| Date: | 05/28/25 | Day: | Wednesday | | |
| Hours: | From: 01:55 | To: | 02:28 | | |
| Weather: | Cloudy | | | | |
| Observer(s): | Rodolfo C | | | | |

| MPH | Frequency | Percent | Cumulative % | |
|---------|-----------|---------|--------------|--|
| 10 | 0 | 0.00% | 0.00% | |
| 11 | 0 | 0.00% | 0.00% | |
| 12 | 0 | 0.00% | 0.00% | |
| 13 | 0 | 0.00% | 0.00% | |
| 14 | 0 | 0.00% | 0.00% | |
| 15 | 0 | 0.00% | 0.00% | |
| 16 | 0 | 0.00% | 0.00% | |
| 17 | 0 | 0.00% | 0.00% | |
| 18 | 0 | 0.00% | 0.00% | |
| 19 | 0 | 0.00% | 0.00% | |
| 20 | 0 | 0.00% | 0.00% | |
| 21 | 0 | 0.00% | 0.00% | |
| 22 | 0 | 0.00% | 0.00% | |
| 23 | 0 | 0.00% | 0.00% | |
| 24 | 1 | 1.00% | 1.00% | |
| 25 | 1 | 1.00% | 2.00% | |
| 26 | 0 | 0.00% | 2.00% | |
| 27 | 1 | 1.00% | 3.00% | |
| 28 | 4 | 4.00% | 7.00% | |
| 29 | 5 | 5.00% | 12.00% | |
| 30 | 6 | 6.00% | 18.00% | |
| 31 | 7 | 7.00% | 25.00% | |
| 32 | 9 | 9.00% | 34.00% | |
| 33 | 10 | 10.00% | 44.00% | |
| 34 | 7 | 7.00% | 51.00% | |
| 35 | 10 | 10.00% | 61.00% | |
| 36 | 11 | 11.00% | 72.00% | |
| 37 | 7 | 7.00% | 79.00% | |
| 38 | 4 | 4.00% | 83.00% | |
| 39 | 3 | 3.00% | 86.00% | |
| 40 | 6 | 6.00% | 92.00% | |
| 41 | 2 | 2.00% | 94.00% | |
| 42 | 2 | 2.00% | 96.00% | |
| 43 | 0 | 0.00% | 96.00% | |
| 44 | 1 | 1.00% | 97.00% | |
| 45 | 2 | 2.00% | 99.00% | |
| 46 | 0 | 0.00% | 99.00% | |
| 47 | 1 | 1.00% | 100.00% | |
| 48 | 0 | 0.00% | 100.00% | |
| 49 | 0 | 0.00% | 100.00% | |
| 50 | 0 | 0.00% | 100.00% | |
| 51 | 0 | 0.00% | 100.00% | |
| 52 | 0 | 0.00% | 100.00% | |
| 53 | 0 | 0.00% | 100.00% | |
| 54 | 0 | 0.00% | 100.00% | |
| Totals: | 100 | 100.00% | | |

Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 34.5 | MPH |
| Sample Variance: | 19.10 | |
| Standard Deviation: | 4.4 | |
| Variance of the Mean: | 0.1910 | |
| Standard Error of the Mean: | 0.4 | |
| 10 MPH Pace: | 28 | To: 37 MPH |
| Percent in Pace: | 76.0% | |
| Vehicles in Pace: | 76 | |
| 50th Percentile Speed: | 34 | MPH |
| 85th Percentile Speed: | 39 | MPH |
| 90th Percentile Speed: | 40 | MPH |
| 95th Percentile Speed: | 42 | MPH |

Cumulative Frequency Distribution

Frequency Distribution

SITE CODE
417

SPEED SURVEY FIELD SHEET

CITY OF SALINAS

LOCATION Natividad Rd. between E. Bernal Dr. and E. Laurel Dr.

DATE 05/28 DAY Wednesday TIME 1:55 TO 2:28

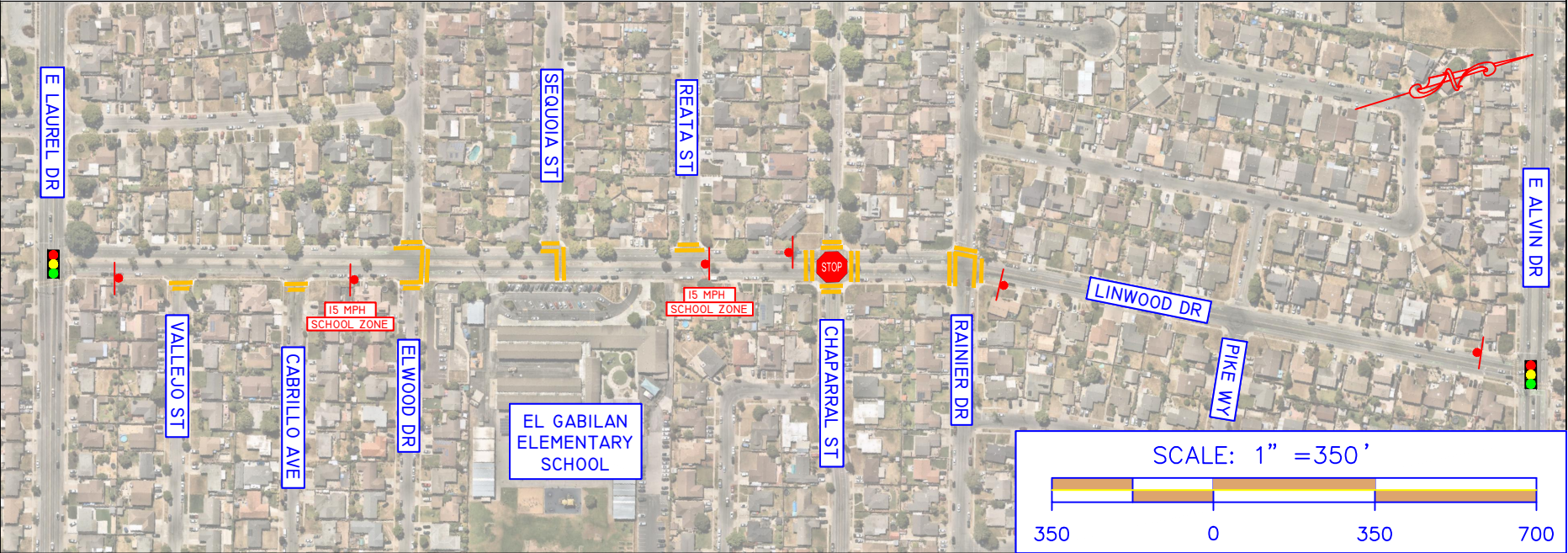
OBSERVER Rodolfo C CALCULATED BY Rodolfo C WEATHER Cloudy

| Direction: N.B. AWAY | | | | |
|--|--------------------|----|----|----|
| MPH | Number of Vehicles | | | |
| | 5 | 10 | 15 | 20 |
| 70 | | | | |
| 69 | | | | |
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| 47 | X | | | |
| 46 | X | | | |
| 45 | X | | | |
| 44 | X | | | |
| 43 | X | | | |
| 42 | X | | | |
| 41 | X | | | |
| 40 | X | X | | |
| 39 | X | X | | |
| 38 | X | X | | |
| 37 | X | X | | |
| 36 | X | X | | |
| 35 | X | X | | |
| 34 | X | X | | |
| 33 | X | X | | |
| 32 | X | X | | |
| 31 | X | X | | |
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| Direction: S.B. CLOSE | | | | |
|---|--------------------|----|----|----|
| MPH | Number of Vehicles | | | |
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| 38 | X | | | |
| 37 | X | | | |
| 36 | X | X | | |
| 35 | X | X | | |
| 34 | X | X | | |
| 33 | X | X | | |
| 32 | X | X | | |
| 31 | X | X | | |
| 30 | X | X | | |
| 29 | X | X | | |
| 28 | X | X | | |
| 27 | X | | | |
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| 25 | X | | | |
| 24 | X | | | |
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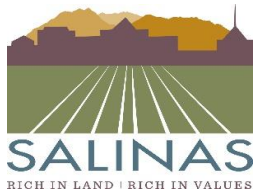
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COMMENTS:

This segment of Linwood Drive is classified as collector in the City of Salinas General Plan. The surrounding land use includes fronting residential homes and a school. Speed data collected April 23, 2025 revealed the 85th percentile speed of 34 mph. The 10 mph pace ranges from 27 mph to 36 mph and suggests the 85th percentile is within this range. Based on the surrounding land use, the 10 mph pace range, the prevailing speeds rounded up and reduced by 5 mph per MUTCD option 2, and following the implementation of Assembly Bill No. 43, authorizing local authority to further reduce speed limits by 5 mph if the roadway is adjacent to high concentration of bicyclists and pedestrians, the existing posted speed limit of 25 mph should be established.

| AREA | DESCRIPTION | MAP SYMBOL |  |
|---|---------------------------|---|---|
| Distance | Approximately 3,250 Feet | <div> ALL-WAY STOP</div> <div> SIGNAL</div> <div> SPEED LIMIT SIGN</div> <div> CITY LIMITS</div> <div> CROSSWALK</div> <div> SCHOOL CROSSWALK</div> | |
| Vertical Alignment | Flat | | |
| Street Width | Varies (43 to 63 Feet) | | |
| No. Lanes and Median | 2-Lane Collector | | |
| Proposed Speed Zone | 25 MPH | | |
| 85 th Percentile Speed | 34 MPH | | |
| Traffic Volume (Date) | 5,739 (2025) | | |
| Accident Data (2 years) | 10 Collisions (2022-2023) | | |
| Street Segment Collision Rate = $\frac{\text{Collisions}}{\text{Years}} \times \frac{1,000,000}{\text{ADT} \times \text{Length in Miles}}$ | 3.88 Acc./MVM | | |



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | |
|------------------|----------------------------------|------------|-------|-----------|
| Street: | Linwood Drive | Direction: | NBD | Comments: |
| Between: | E. Laurel Drive & E. Alvin Drive | No. 55 | | |
| Survey Location: | 1434 Linwood Drive | | | |
| Speed Limit: | 25 MPH | | | |
| Date: | 04/23/25 | | | |
| Hours: | From: 04:16 | To: | 04:32 | |
| Weather: | Sunny | | | |
| Observer(s): | Sean L. & Eva H. | | | |

| MPH | Frequency | Percent | Cumulative % | |
|---------|-----------|---------|--------------|--|
| 10 | 0 | 0.00% | 0.00% | |
| 11 | 0 | 0.00% | 0.00% | |
| 12 | 0 | 0.00% | 0.00% | |
| 13 | 0 | 0.00% | 0.00% | |
| 14 | 0 | 0.00% | 0.00% | |
| 15 | 0 | 0.00% | 0.00% | |
| 16 | 0 | 0.00% | 0.00% | |
| 17 | 0 | 0.00% | 0.00% | |
| 18 | 0 | 0.00% | 0.00% | |
| 19 | 0 | 0.00% | 0.00% | |
| 20 | 0 | 0.00% | 0.00% | |
| 21 | 0 | 0.00% | 0.00% | |
| 22 | 0 | 0.00% | 0.00% | |
| 23 | 1 | 2.00% | 2.00% | |
| 24 | 3 | 6.00% | 8.00% | |
| 25 | 1 | 2.00% | 10.00% | |
| 26 | 1 | 2.00% | 12.00% | |
| 27 | 7 | 14.00% | 26.00% | |
| 28 | 9 | 18.00% | 44.00% | |
| 29 | 2 | 4.00% | 48.00% | |
| 30 | 6 | 12.00% | 60.00% | |
| 31 | 5 | 10.00% | 70.00% | |
| 32 | 4 | 8.00% | 78.00% | |
| 33 | 2 | 4.00% | 82.00% | |
| 34 | 3 | 6.00% | 88.00% | |
| 35 | 2 | 4.00% | 92.00% | |
| 36 | 4 | 8.00% | 100.00% | |
| 37 | 0 | 0.00% | 100.00% | |
| 38 | 0 | 0.00% | 100.00% | |
| 39 | 0 | 0.00% | 100.00% | |
| 40 | 0 | 0.00% | 100.00% | |
| 41 | 0 | 0.00% | 100.00% | |
| 42 | 0 | 0.00% | 100.00% | |
| 43 | 0 | 0.00% | 100.00% | |
| 44 | 0 | 0.00% | 100.00% | |
| 45 | 0 | 0.00% | 100.00% | |
| 46 | 0 | 0.00% | 100.00% | |
| 47 | 0 | 0.00% | 100.00% | |
| 48 | 0 | 0.00% | 100.00% | |
| 49 | 0 | 0.00% | 100.00% | |
| 50 | 0 | 0.00% | 100.00% | |
| 51 | 0 | 0.00% | 100.00% | |
| 52 | 0 | 0.00% | 100.00% | |
| 53 | 0 | 0.00% | 100.00% | |
| 54 | 0 | 0.00% | 100.00% | |
| Totals: | 50 | 100.00% | | |

Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 29.8 | MPH |
| Sample Variance: | 11.80 | |
| Standard Deviation: | 3.4 | |
| Variance of the Mean: | 0.2360 | |
| Standard Error of the Mean: | 0.5 | |
| 10 MPH Pace: | 27 | To: 36 MPH |
| Percent in Pace: | 88.0% | |
| Vehicles in Pace: | 44 | |
| 50th Percentile Speed: | 30 | MPH |
| 85th Percentile Speed: | 34 | MPH |
| 90th Percentile Speed: | 35 | MPH |
| 95th Percentile Speed: | 36 | MPH |

Cumulative Frequency Distribution

Frequency Distribution



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | |
|------------------|----------------------------------|------------|-------|-----------|
| Street: | Linwood Drive | Direction: | SBD | Comments: |
| Between: | E. Laurel Drive & E. Alvin Drive | No. 55 | | |
| Survey Location: | 1434 Linwood Drive | | | |
| Speed Limit: | 25 MPH | | | |
| Date: | 04/23/25 | | | |
| Hours: | From: 04:16 | To: | 04:32 | |
| Weather: | Sunny | | | |
| Observer(s): | Sean L. & Eva H. | | | |

| MPH | Frequency | Percent | Cumulative % | |
|---------|-----------|---------|--------------|--|
| 10 | 0 | 0.00% | 0.00% | |
| 11 | 0 | 0.00% | 0.00% | |
| 12 | 0 | 0.00% | 0.00% | |
| 13 | 0 | 0.00% | 0.00% | |
| 14 | 0 | 0.00% | 0.00% | |
| 15 | 0 | 0.00% | 0.00% | |
| 16 | 0 | 0.00% | 0.00% | |
| 17 | 0 | 0.00% | 0.00% | |
| 18 | 0 | 0.00% | 0.00% | |
| 19 | 0 | 0.00% | 0.00% | |
| 20 | 0 | 0.00% | 0.00% | |
| 21 | 0 | 0.00% | 0.00% | |
| 22 | 0 | 0.00% | 0.00% | |
| 23 | 0 | 0.00% | 0.00% | |
| 24 | 3 | 6.00% | 6.00% | |
| 25 | 5 | 10.00% | 16.00% | |
| 26 | 2 | 4.00% | 20.00% | |
| 27 | 2 | 4.00% | 24.00% | |
| 28 | 9 | 18.00% | 42.00% | |
| 29 | 4 | 8.00% | 50.00% | |
| 30 | 4 | 8.00% | 58.00% | |
| 31 | 6 | 12.00% | 70.00% | |
| 32 | 3 | 6.00% | 76.00% | |
| 33 | 2 | 4.00% | 80.00% | |
| 34 | 4 | 8.00% | 88.00% | |
| 35 | 4 | 8.00% | 96.00% | |
| 36 | 2 | 4.00% | 100.00% | |
| 37 | 0 | 0.00% | 100.00% | |
| 38 | 0 | 0.00% | 100.00% | |
| 39 | 0 | 0.00% | 100.00% | |
| 40 | 0 | 0.00% | 100.00% | |
| 41 | 0 | 0.00% | 100.00% | |
| 42 | 0 | 0.00% | 100.00% | |
| 43 | 0 | 0.00% | 100.00% | |
| 44 | 0 | 0.00% | 100.00% | |
| 45 | 0 | 0.00% | 100.00% | |
| 46 | 0 | 0.00% | 100.00% | |
| 47 | 0 | 0.00% | 100.00% | |
| 48 | 0 | 0.00% | 100.00% | |
| 49 | 0 | 0.00% | 100.00% | |
| 50 | 0 | 0.00% | 100.00% | |
| 51 | 0 | 0.00% | 100.00% | |
| 52 | 0 | 0.00% | 100.00% | |
| 53 | 0 | 0.00% | 100.00% | |
| 54 | 0 | 0.00% | 100.00% | |
| Totals: | 50 | 100.00% | | |

Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 29.7 | MPH |
| Sample Variance: | 12.07 | |
| Standard Deviation: | 3.5 | |
| Variance of the Mean: | 0.2414 | |
| Standard Error of the Mean: | 0.5 | |
| 10 MPH Pace: | 25 | To: 34 MPH |
| Percent in Pace: | 82.0% | |
| Vehicles in Pace: | 41 | |
| 50th Percentile Speed: | 29 | MPH |
| 85th Percentile Speed: | 34 | MPH |
| 90th Percentile Speed: | 35 | MPH |
| 95th Percentile Speed: | 35 | MPH |

Cumulative Frequency Distribution

Frequency Distribution



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

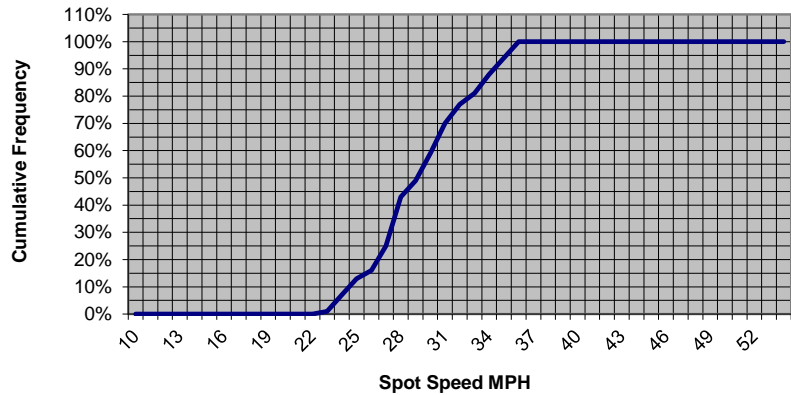
| | | | | | |
|------------------|----------------------------------|------------|---------|--|-----------|
| Street: | Linwood Drive | Direction: | NBD/SBD | | Comments: |
| Between: | E. Laurel Drive & E. Alvin Drive | No. 55 | | | |
| Survey Location: | 1434 Linwood Drive | | | | |
| Speed Limit: | 25 MPH | | | | |
| Date: | 04/23/25 | | | | |
| Hours: | From: 04:16 | To: | 04:32 | | |
| Weather: | Sunny | | | | |
| Observer(s): | Sean L. & Eva H. | | | | |

| MPH | Frequency | Percent | Cumulative % |
|---------|-----------|---------|--------------|
| 10 | 0 | 0.00% | 0.00% |
| 11 | 0 | 0.00% | 0.00% |
| 12 | 0 | 0.00% | 0.00% |
| 13 | 0 | 0.00% | 0.00% |
| 14 | 0 | 0.00% | 0.00% |
| 15 | 0 | 0.00% | 0.00% |
| 16 | 0 | 0.00% | 0.00% |
| 17 | 0 | 0.00% | 0.00% |
| 18 | 0 | 0.00% | 0.00% |
| 19 | 0 | 0.00% | 0.00% |
| 20 | 0 | 0.00% | 0.00% |
| 21 | 0 | 0.00% | 0.00% |
| 22 | 0 | 0.00% | 0.00% |
| 23 | 1 | 1.00% | 1.00% |
| 24 | 6 | 6.00% | 7.00% |
| 25 | 6 | 6.00% | 13.00% |
| 26 | 3 | 3.00% | 16.00% |
| 27 | 9 | 9.00% | 25.00% |
| 28 | 18 | 18.00% | 43.00% |
| 29 | 6 | 6.00% | 49.00% |
| 30 | 10 | 10.00% | 59.00% |
| 31 | 11 | 11.00% | 70.00% |
| 32 | 7 | 7.00% | 77.00% |
| 33 | 4 | 4.00% | 81.00% |
| 34 | 7 | 7.00% | 88.00% |
| 35 | 6 | 6.00% | 94.00% |
| 36 | 6 | 6.00% | 100.00% |
| 37 | 0 | 0.00% | 100.00% |
| 38 | 0 | 0.00% | 100.00% |
| 39 | 0 | 0.00% | 100.00% |
| 40 | 0 | 0.00% | 100.00% |
| 41 | 0 | 0.00% | 100.00% |
| 42 | 0 | 0.00% | 100.00% |
| 43 | 0 | 0.00% | 100.00% |
| 44 | 0 | 0.00% | 100.00% |
| 45 | 0 | 0.00% | 100.00% |
| 46 | 0 | 0.00% | 100.00% |
| 47 | 0 | 0.00% | 100.00% |
| 48 | 0 | 0.00% | 100.00% |
| 49 | 0 | 0.00% | 100.00% |
| 50 | 0 | 0.00% | 100.00% |
| 51 | 0 | 0.00% | 100.00% |
| 52 | 0 | 0.00% | 100.00% |
| 53 | 0 | 0.00% | 100.00% |
| 54 | 0 | 0.00% | 100.00% |
| Totals: | 100 | 100.00% | |

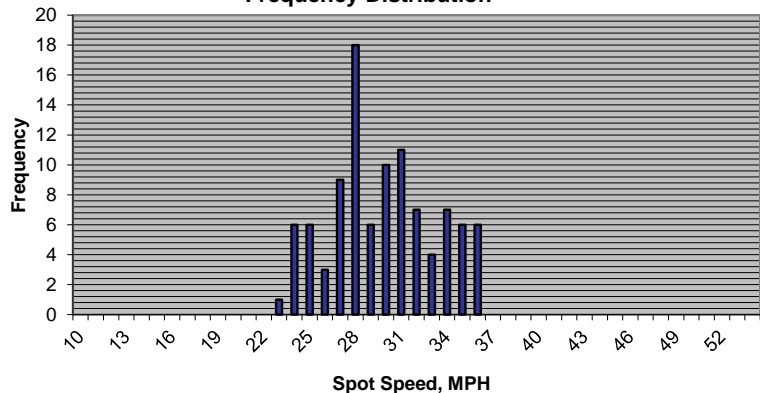
Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 29.8 | MPH |
| Sample Variance: | 11.82 | |
| Standard Deviation: | 3.4 | |
| Variance of the Mean: | 0.1182 | |
| Standard Error of the Mean: | 0.3 | |
| 10 MPH Pace: | 27 | To: 36 MPH |
| Percent in Pace: | 84.0% | |
| Vehicles in Pace: | 84 | |
| 50th Percentile Speed: | 30 | MPH |
| 85th Percentile Speed: | 34 | MPH |
| 90th Percentile Speed: | 35 | MPH |
| 95th Percentile Speed: | 36 | MPH |

Cumulative Frequency Distribution



Frequency Distribution



SPEED SURVEY FIELD SHEET

CITY OF SALINAS

SITE CODE

55

LOCATION

Linwood Dr. between E. Laurel Dr. and E. Alvin Dr.

DATE

04/23/25 DAY WEDNESDAY

TIME

4:16 TO 4:32

OBSERVER

SEAN L.

CALCULATED BY

WEATHER

Sunny

Direction:

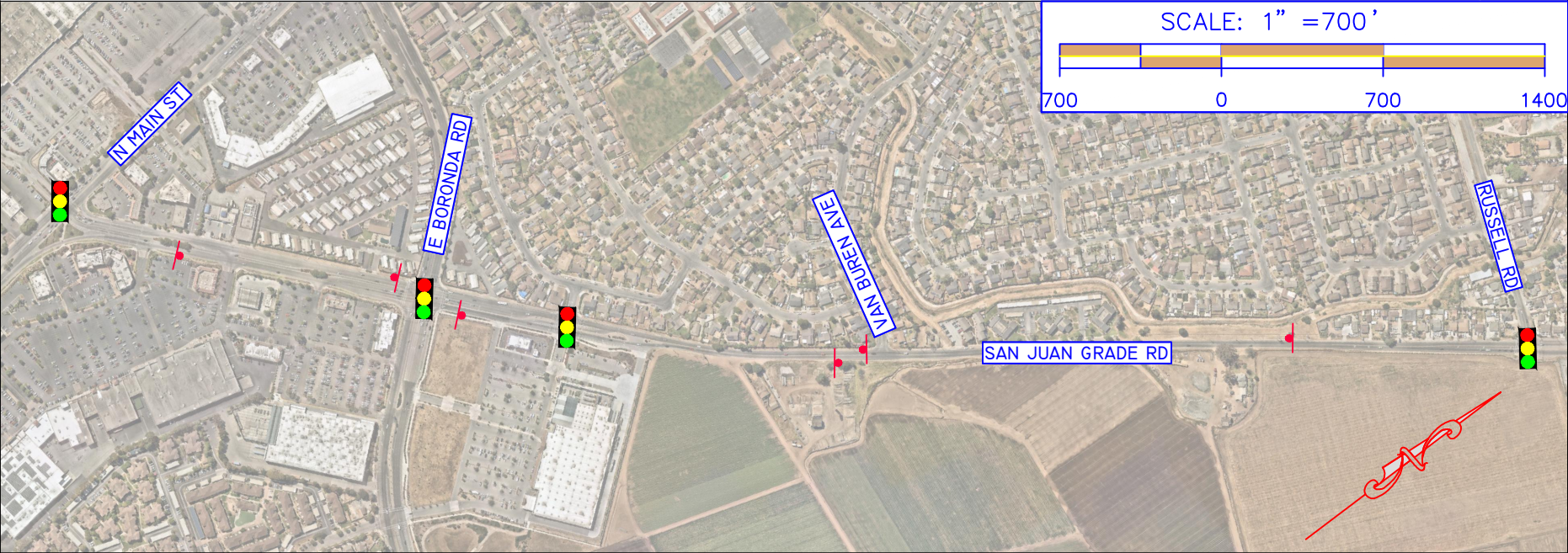
N.B.

| MPH | Number of Vehicles | | | |
|-----|--------------------|----|----|----|
| | 5 | 10 | 15 | 20 |
| 70 | | | | |
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Direction:








S.B.

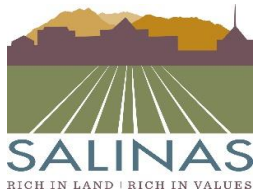
| MPH | Number of Vehicles | | | |
|-----|--------------------|----|----|----|
| | 5 | 10 | 15 | 20 |
| 70 | | | | |
| 69 | | | | |
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COMMENTS:

This segment of San Juan Grade Road is classified as a major arterial in the City of Salinas General Plan. The surrounding land use includes backing and fronting residential homes, retail, office, and agricultural use. Speed data collected on April 8, 2025, revealed the 85th percentile speed of 49 mph. The 10 mph pace ranges from 37 mph to 46 mph and suggests that the 85th percentile is above this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speeds rounded up and reduced by 5 mph per MUTCD option 2, the existing posted speed limit of 45 mph should be retained.

| AREA | DESCRIPTION | MAP SYMBOL |  |
|--|--------------------------|---|---|
| Distance | Approximately 6,450 Feet | <div><div> ALL-WAY STOP</div><div> SIGNAL</div><div> SPEED LIMIT SIGN</div><div> CITY LIMITS</div><div> CROSSWALK</div><div> SCHOOL CROSSWALK</div></div> | |
| Vertical Alignment | Flat | | |
| Street Width | Varies (40 to 80 Feet) | | |
| No. Lanes and Median | 2/4-Lane Major Arterial | | |
| Proposed Speed Zone | 45 MPH | | |
| 85th Percentile Speed | 49 MPH | | |
| Traffic Volume (Date) | 7,400 (2024) | | |
| Accident Data (2 years) | 8 Collisions (2022-2023) | | |
| Street Segment Collision Rate = $\frac{\text{Collisions}}{\text{Years}} \times \frac{1,000,000}{\text{ADT} \times \text{Length in Miles}}$ (Years) (365) (ADT) (Length in Miles) | | | |



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | |
|-------------------------|---------------------------------------|------------------------------|------------------|
| Street: | <u>San Juan Grade Road</u> | Direction: <u>NBD</u> | Comments: |
| Between: | <u>N. Main Street and Russel Road</u> | | No. 63 |
| Survey Location: | <u>San Juan Grade @ Van Buren Ave</u> | | |
| Speed Limit: | <u>45</u> MPH | | |
| Date: | <u>04/08/25</u> | Day: <u>Tuesday</u> | |
| Hours: | From: <u>02:52</u> | To: <u>03:27</u> | |
| Weather: | <u>Clear</u> | | |
| Observer(s): | <u>Alejandro M.</u> | | |

| MPH | Frequency | Percent | Cumulative % | |
|----------------|-----------|----------------|--------------|--|
| 30 | 0 | 0.00% | 0.00% | |
| 31 | 0 | 0.00% | 0.00% | |
| 32 | 1 | 2.00% | 2.00% | |
| 33 | 0 | 0.00% | 2.00% | |
| 34 | 0 | 0.00% | 2.00% | |
| 35 | 1 | 2.00% | 4.00% | |
| 36 | 3 | 6.00% | 10.00% | |
| 37 | 1 | 2.00% | 12.00% | |
| 38 | 4 | 8.00% | 20.00% | |
| 39 | 0 | 0.00% | 20.00% | |
| 40 | 2 | 4.00% | 24.00% | |
| 41 | 1 | 2.00% | 26.00% | |
| 42 | 3 | 6.00% | 32.00% | |
| 43 | 5 | 10.00% | 42.00% | |
| 44 | 5 | 10.00% | 52.00% | |
| 45 | 2 | 4.00% | 56.00% | |
| 46 | 6 | 12.00% | 68.00% | |
| 47 | 2 | 4.00% | 72.00% | |
| 48 | 2 | 4.00% | 76.00% | |
| 49 | 2 | 4.00% | 80.00% | |
| 50 | 2 | 4.00% | 84.00% | |
| 51 | 1 | 2.00% | 86.00% | |
| 52 | 2 | 4.00% | 90.00% | |
| 53 | 1 | 2.00% | 92.00% | |
| 54 | 1 | 2.00% | 94.00% | |
| 55 | 1 | 2.00% | 96.00% | |
| 56 | 1 | 2.00% | 98.00% | |
| 57 | 0 | 0.00% | 98.00% | |
| 58 | 0 | 0.00% | 98.00% | |
| 59 | 0 | 0.00% | 98.00% | |
| 60 | 0 | 0.00% | 98.00% | |
| 61 | 0 | 0.00% | 98.00% | |
| 62 | 0 | 0.00% | 98.00% | |
| 63 | 0 | 0.00% | 98.00% | |
| 64 | 0 | 0.00% | 98.00% | |
| 65 | 0 | 0.00% | 98.00% | |
| 66 | 0 | 0.00% | 98.00% | |
| 67 | 0 | 0.00% | 98.00% | |
| 68 | 0 | 0.00% | 98.00% | |
| 69 | 0 | 0.00% | 98.00% | |
| 70 | 1 | 2.00% | 100.00% | |
| 71 | 0 | 0.00% | 100.00% | |
| 72 | 0 | 0.00% | 100.00% | |
| 73 | 0 | 0.00% | 100.00% | |
| 74 | 0 | 0.00% | 100.00% | |
| Totals: | 50 | 100.00% | | |

Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 44.9 | MPH |
| Sample Variance: | 43.43 | |
| Standard Deviation: | 6.6 | |
| Variance of the Mean: | 0.8686 | |
| Standard Error of the Mean: | 0.9 | |
| 10 MPH Pace: | 38 | To: 47 MPH |
| Percent in Pace: | 60.0% | |
| Vehicles in Pace: | 30 | |
| 50th Percentile Speed: | 44 | MPH |
| 85th Percentile Speed: | 51 | MPH |
| 90th Percentile Speed: | 52 | MPH |
| 95th Percentile Speed: | 55 | MPH |

Cumulative Frequency Distribution

Frequency Distribution



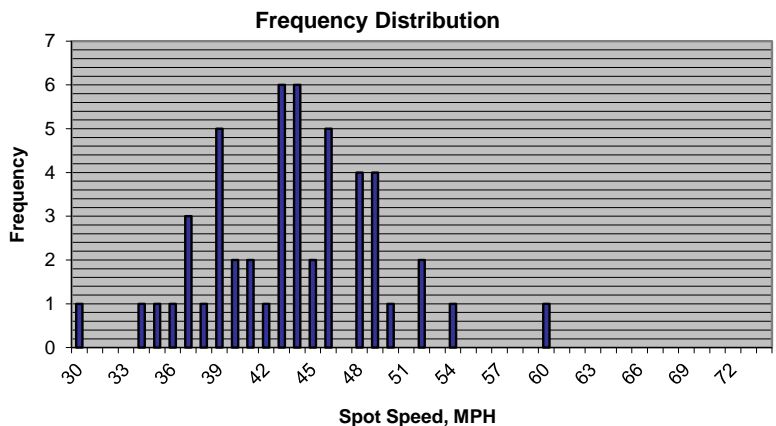
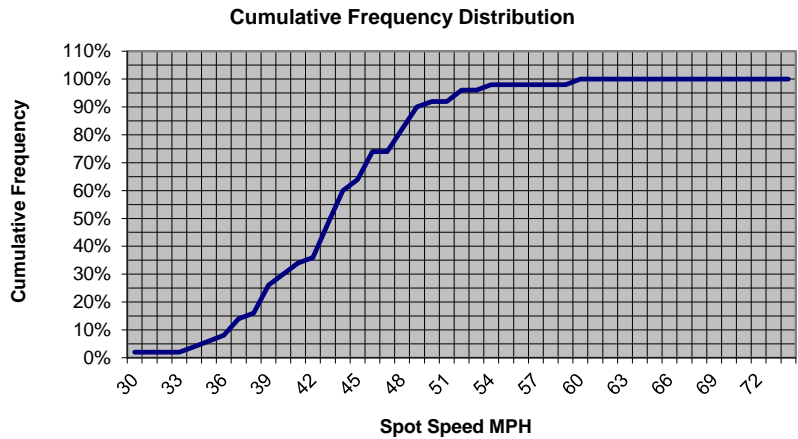
CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | |
|------------------|--------------------------------|------------|-------|-----------|
| Street: | San Juan Grade Road | Direction: | SBD | Comments: |
| Between: | N. Main Street and Russel Road | No. 63 | | |
| Survey Location: | San Juan Grade @ Van Buren Ave | | | |
| Speed Limit: | 45 MPH | | | |
| Date: | 04/08/25 | | | |
| Hours: | From: 02:52 | To: | 03:27 | |
| Weather: | Clear | | | |
| Observer(s): | Alejandro M. | | | |

| MPH | Frequency | Percent | Cumulative % | |
|---------|-----------|---------|--------------|---------------------------------|
| 30 | 1 | 2.00% | 2.00% | Data Analysis: |
| 31 | 0 | 0.00% | 2.00% | |
| 32 | 0 | 0.00% | 2.00% | |
| 33 | 0 | 0.00% | 2.00% | |
| 34 | 1 | 2.00% | 4.00% | |
| 35 | 1 | 2.00% | 6.00% | |
| 36 | 1 | 2.00% | 8.00% | |
| 37 | 3 | 6.00% | 14.00% | |
| 38 | 1 | 2.00% | 16.00% | |
| 39 | 5 | 10.00% | 26.00% | |
| 40 | 2 | 4.00% | 30.00% | Time Mean Speed: 43.6 MPH |
| 41 | 2 | 4.00% | 34.00% | Sample Variance: 30.77 |
| 42 | 1 | 2.00% | 36.00% | Standard Deviation: 5.5 |
| 43 | 6 | 12.00% | 48.00% | Variance of the Mean: 0.6154 |
| 44 | 6 | 12.00% | 60.00% | Standard Error of the Mean: 0.8 |
| 45 | 2 | 4.00% | 64.00% | 10 MPH Pace: 37 To: 46 MPH |
| 46 | 5 | 10.00% | 74.00% | Percent in Pace: 66.0% |
| 47 | 0 | 0.00% | 74.00% | Vehicles in Pace: 33 |
| 48 | 4 | 8.00% | 82.00% | 50th Percentile Speed: 44 MPH |
| 49 | 4 | 8.00% | 90.00% | 85th Percentile Speed: 49 MPH |
| 50 | 1 | 2.00% | 92.00% | 90th Percentile Speed: 49 MPH |
| 51 | 0 | 0.00% | 92.00% | 95th Percentile Speed: 52 MPH |
| 52 | 2 | 4.00% | 96.00% | |
| 53 | 0 | 0.00% | 96.00% | |
| 54 | 1 | 2.00% | 98.00% | |
| 55 | 0 | 0.00% | 98.00% | |
| 56 | 0 | 0.00% | 98.00% | |
| 57 | 0 | 0.00% | 98.00% | |
| 58 | 0 | 0.00% | 98.00% | |
| 59 | 0 | 0.00% | 98.00% | |
| 60 | 1 | 2.00% | 100.00% | |
| 61 | 0 | 0.00% | 100.00% | |
| 62 | 0 | 0.00% | 100.00% | |
| 63 | 0 | 0.00% | 100.00% | |
| 64 | 0 | 0.00% | 100.00% | |
| 65 | 0 | 0.00% | 100.00% | |
| 66 | 0 | 0.00% | 100.00% | |
| 67 | 0 | 0.00% | 100.00% | |
| 68 | 0 | 0.00% | 100.00% | |
| 69 | 0 | 0.00% | 100.00% | |
| 70 | 0 | 0.00% | 100.00% | |
| 71 | 0 | 0.00% | 100.00% | |
| 72 | 0 | 0.00% | 100.00% | |
| 73 | 0 | 0.00% | 100.00% | |
| 74 | 0 | 0.00% | 100.00% | |
| Totals: | 50 | 100.00% | | |





CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | | |
|------------------|--------------------------------|------------|---------|--|-----------|
| Street: | San Juan Grade Road | Direction: | NBD/SBD | | Comments: |
| Between: | N. Main Street and Russel Road | No. 63 | | | |
| Survey Location: | San Juan Grade @ Van Buren Ave | | | | |
| Speed Limit: | 45 MPH | | | | |
| Date: | 04/08/25 | | | | |
| Hours: | From: 02:52 | To: | 03:27 | | |
| Weather: | Clear | | | | |
| Observer(s): | Alejandro M. | | | | |

| MPH | Frequency | Percent | Cumulative % | |
|---------|-----------|---------|--------------|---------------------------------|
| 30 | 1 | 1.00% | 1.00% | Data Analysis: |
| 31 | 0 | 0.00% | 1.00% | |
| 32 | 1 | 1.00% | 2.00% | |
| 33 | 0 | 0.00% | 2.00% | |
| 34 | 1 | 1.00% | 3.00% | |
| 35 | 2 | 2.00% | 5.00% | |
| 36 | 4 | 4.00% | 9.00% | |
| 37 | 4 | 4.00% | 13.00% | |
| 38 | 5 | 5.00% | 18.00% | |
| 39 | 5 | 5.00% | 23.00% | |
| 40 | 4 | 4.00% | 27.00% | Time Mean Speed: 44.2 MPH |
| 41 | 3 | 3.00% | 30.00% | Sample Variance: 37.11 |
| 42 | 4 | 4.00% | 34.00% | Standard Deviation: 6.1 |
| 43 | 11 | 11.00% | 45.00% | Variance of the Mean: 0.3711 |
| 44 | 11 | 11.00% | 56.00% | Standard Error of the Mean: 0.6 |
| 45 | 4 | 4.00% | 60.00% | 10 MPH Pace: 37 To: 46 MPH |
| 46 | 11 | 11.00% | 71.00% | Percent in Pace: 62.0% |
| 47 | 2 | 2.00% | 73.00% | Vehicles in Pace: 62 |
| 48 | 6 | 6.00% | 79.00% | 50th Percentile Speed: 44 MPH |
| 49 | 6 | 6.00% | 85.00% | 85th Percentile Speed: 49 MPH |
| 50 | 3 | 3.00% | 88.00% | 90th Percentile Speed: 52 MPH |
| 51 | 1 | 1.00% | 89.00% | 95th Percentile Speed: 54 MPH |
| 52 | 4 | 4.00% | 93.00% | |
| 53 | 1 | 1.00% | 94.00% | |
| 54 | 2 | 2.00% | 96.00% | |
| 55 | 1 | 1.00% | 97.00% | |
| 56 | 1 | 1.00% | 98.00% | |
| 57 | 0 | 0.00% | 98.00% | |
| 58 | 0 | 0.00% | 98.00% | |
| 59 | 0 | 0.00% | 98.00% | |
| 60 | 1 | 1.00% | 99.00% | |
| 61 | 0 | 0.00% | 99.00% | |
| 62 | 0 | 0.00% | 99.00% | |
| 63 | 0 | 0.00% | 99.00% | |
| 64 | 0 | 0.00% | 99.00% | |
| 65 | 0 | 0.00% | 99.00% | |
| 66 | 0 | 0.00% | 99.00% | |
| 67 | 0 | 0.00% | 99.00% | |
| 68 | 0 | 0.00% | 99.00% | |
| 69 | 0 | 0.00% | 99.00% | |
| 70 | 1 | 1.00% | 100.00% | |
| 71 | 0 | 0.00% | 100.00% | |
| 72 | 0 | 0.00% | 100.00% | |
| 73 | 0 | 0.00% | 100.00% | |
| 74 | 0 | 0.00% | 100.00% | |
| Totals: | 100 | 100.00% | | |

Cumulative Frequency Distribution

Frequency Distribution

SPEED SURVEY FIELD SHEET

CITY OF SALINAS

SITE CODE

63

LOCATION San Juan Grade Rd. between N. Main St. and Russell Rd.

DATE 4/8/25 DAY Tuesday

TIME 2:52 TO 3:27

OBSERVER Alejandro M. CALCULATED BY Alejandro M. WEATHER Clear

Direction: E.B. N.B.

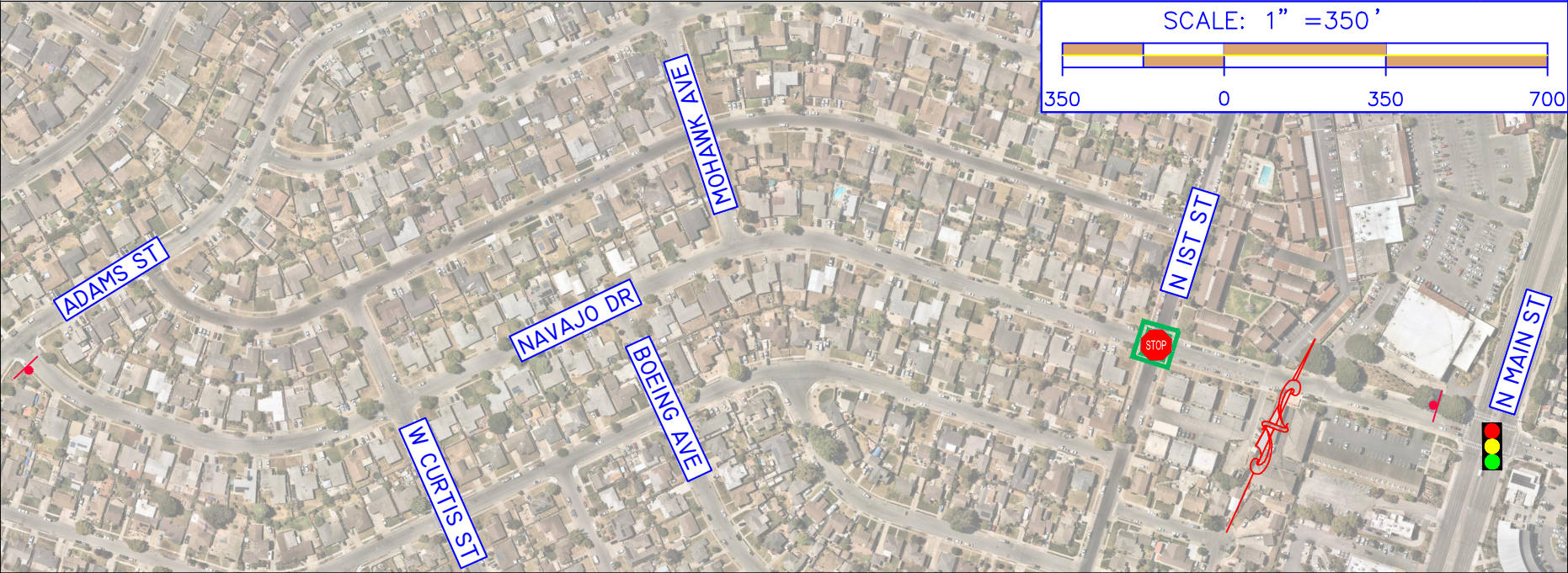
| MPH | Number of Vehicles | | | |
|-----|--------------------|----|----|----|
| | 5 | 10 | 15 | 20 |
| 70 | | | | |
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Direction: W.B. S.B.

| MPH | Number of Vehicles | | | |
|-----|--------------------|----|----|----|
| | 5 | 10 | 15 | 20 |
| 70 | | | | |
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


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COMMENTS:

This segment of Navajo Drive is classified as a collector in the City of Salinas General Plan. The surrounding land use includes fronting residential homes and retail use. Speed data collected on April 18, 2025, revealed the 85th percentile speed of 31 mph. The 10 mph pace ranges from 23 mph to 32 mph and suggests the 85th percentile is within this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speed rounded down and reduced by 5 mph per MUTCD option 1, the existing posted speed limit of 25 mph should be retained.

| AREA | DESCRIPTION | MAP SYMBOL |  |
|--|--------------------------|---|---|
| Distance | Approximately 3,400 Feet | <div> ALL-WAY STOP</div> <div> SIGNAL</div> <div> SPEED LIMIT SIGN</div> <div> CITY LIMITS</div> <div> CROSSWALK</div> <div> SCHOOL CROSSWALK</div> | |
| Vertical Alignment | Flat | | |
| Street Width | Varies (34 to 40 Feet) | | |
| No. Lanes and Median | 2-Lane Collector | | |
| Proposed Speed Zone | 25 MPH | | |
| 85th Percentile Speed | 31 MPH | | |
| Traffic Volume (Date) | 1,511 (2024) | | |
| Accident Data (2 years) | 4 Collisions (2022-2023) | | |
| Street Segment Collision Rate = $\frac{\text{Collisions}}{\text{Years}} \times \frac{1,000,000}{\text{ADT} \times \text{Length in Miles}}$ (Years) (365) (ADT) (Length in Miles) | 5.58 Acc./MVM | | |



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | | |
|------------------|-----------------------------------|------------|-------|--|-----------|
| Street: | Navajo Drive | Direction: | WBD | | Comments: |
| Between: | Adams Street & N Main Street | No. 109 | | | |
| Survey Location: | N First Street btwn Mohawk Avenue | | | | |
| Speed Limit: | 25 MPH | | | | |
| Date: | 04/18/25 | | | | |
| Hours: | From: 04:00 | To: | 04:48 | | |
| Weather: | Sunny | | | | |
| Observer(s): | Sean L. & Eva H. | | | | |

| MPH | Frequency | Percent | Cumulative % | |
|---------|-----------|---------|--------------|--|
| 10 | 0 | 0.00% | 0.00% | |
| 11 | 0 | 0.00% | 0.00% | |
| 12 | 0 | 0.00% | 0.00% | |
| 13 | 0 | 0.00% | 0.00% | |
| 14 | 0 | 0.00% | 0.00% | |
| 15 | 0 | 0.00% | 0.00% | |
| 16 | 0 | 0.00% | 0.00% | |
| 17 | 0 | 0.00% | 0.00% | |
| 18 | 0 | 0.00% | 0.00% | |
| 19 | 0 | 0.00% | 0.00% | |
| 20 | 0 | 0.00% | 0.00% | |
| 21 | 2 | 4.00% | 4.00% | |
| 22 | 3 | 6.00% | 10.00% | |
| 23 | 4 | 8.00% | 18.00% | |
| 24 | 5 | 10.00% | 28.00% | |
| 25 | 6 | 12.00% | 40.00% | |
| 26 | 3 | 6.00% | 46.00% | |
| 27 | 3 | 6.00% | 52.00% | |
| 28 | 6 | 12.00% | 64.00% | |
| 29 | 6 | 12.00% | 76.00% | |
| 30 | 3 | 6.00% | 82.00% | |
| 31 | 5 | 10.00% | 92.00% | |
| 32 | 2 | 4.00% | 96.00% | |
| 33 | 2 | 4.00% | 100.00% | |
| 34 | 0 | 0.00% | 100.00% | |
| 35 | 0 | 0.00% | 100.00% | |
| 36 | 0 | 0.00% | 100.00% | |
| 37 | 0 | 0.00% | 100.00% | |
| 38 | 0 | 0.00% | 100.00% | |
| 39 | 0 | 0.00% | 100.00% | |
| 40 | 0 | 0.00% | 100.00% | |
| 41 | 0 | 0.00% | 100.00% | |
| 42 | 0 | 0.00% | 100.00% | |
| 43 | 0 | 0.00% | 100.00% | |
| 44 | 0 | 0.00% | 100.00% | |
| 45 | 0 | 0.00% | 100.00% | |
| 46 | 0 | 0.00% | 100.00% | |
| 47 | 0 | 0.00% | 100.00% | |
| 48 | 0 | 0.00% | 100.00% | |
| 49 | 0 | 0.00% | 100.00% | |
| 50 | 0 | 0.00% | 100.00% | |
| 51 | 0 | 0.00% | 100.00% | |
| 52 | 0 | 0.00% | 100.00% | |
| 53 | 0 | 0.00% | 100.00% | |
| 54 | 0 | 0.00% | 100.00% | |
| Totals: | 50 | 100.00% | | |

Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 26.9 | MPH |
| Sample Variance: | 11.05 | |
| Standard Deviation: | 3.3 | |
| Variance of the Mean: | 0.2210 | |
| Standard Error of the Mean: | 0.5 | |
| 10 MPH Pace: | 22 | To: 31 MPH |
| Percent in Pace: | 88.0% | |
| Vehicles in Pace: | 44 | |
| 50th Percentile Speed: | 27 | MPH |
| 85th Percentile Speed: | 31 | MPH |
| 90th Percentile Speed: | 31 | MPH |
| 95th Percentile Speed: | 32 | MPH |

Cumulative Frequency Distribution

Frequency Distribution



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | | |
|------------------|-----------------------------------|------------|-----|-----------|--|
| Street: | Navajo Drive | Direction: | EBD | Comments: | |
| Between: | Adams Street & N Main Street | | | No. 109 | |
| Survey Location: | N First Street btwn Mohawk Avenue | | | | |
| Speed Limit: | 25 MPH | | | | |
| Date: | 04/18/25 | | | | |
| Hours: | From: | 04:00 | To: | 04:48 | |
| Weather: | Sunny | | | | |
| Observer(s): | Sean L. & Eva H. | | | | |

| MPH | Frequency | Percent | Cumulative % | |
|---------|-----------|---------|--------------|--|
| 10 | 0 | 0.00% | 0.00% | |
| 11 | 0 | 0.00% | 0.00% | |
| 12 | 0 | 0.00% | 0.00% | |
| 13 | 0 | 0.00% | 0.00% | |
| 14 | 0 | 0.00% | 0.00% | |
| 15 | 0 | 0.00% | 0.00% | |
| 16 | 0 | 0.00% | 0.00% | |
| 17 | 0 | 0.00% | 0.00% | |
| 18 | 0 | 0.00% | 0.00% | |
| 19 | 0 | 0.00% | 0.00% | |
| 20 | 0 | 0.00% | 0.00% | |
| 21 | 0 | 0.00% | 0.00% | |
| 22 | 0 | 0.00% | 0.00% | |
| 23 | 6 | 12.00% | 12.00% | |
| 24 | 5 | 10.00% | 22.00% | |
| 25 | 4 | 8.00% | 30.00% | |
| 26 | 5 | 10.00% | 40.00% | |
| 27 | 5 | 10.00% | 50.00% | |
| 28 | 6 | 12.00% | 62.00% | |
| 29 | 7 | 14.00% | 76.00% | |
| 30 | 2 | 4.00% | 80.00% | |
| 31 | 5 | 10.00% | 90.00% | |
| 32 | 2 | 4.00% | 94.00% | |
| 33 | 3 | 6.00% | 100.00% | |
| 34 | 0 | 0.00% | 100.00% | |
| 35 | 0 | 0.00% | 100.00% | |
| 36 | 0 | 0.00% | 100.00% | |
| 37 | 0 | 0.00% | 100.00% | |
| 38 | 0 | 0.00% | 100.00% | |
| 39 | 0 | 0.00% | 100.00% | |
| 40 | 0 | 0.00% | 100.00% | |
| 41 | 0 | 0.00% | 100.00% | |
| 42 | 0 | 0.00% | 100.00% | |
| 43 | 0 | 0.00% | 100.00% | |
| 44 | 0 | 0.00% | 100.00% | |
| 45 | 0 | 0.00% | 100.00% | |
| 46 | 0 | 0.00% | 100.00% | |
| 47 | 0 | 0.00% | 100.00% | |
| 48 | 0 | 0.00% | 100.00% | |
| 49 | 0 | 0.00% | 100.00% | |
| 50 | 0 | 0.00% | 100.00% | |
| 51 | 0 | 0.00% | 100.00% | |
| 52 | 0 | 0.00% | 100.00% | |
| 53 | 0 | 0.00% | 100.00% | |
| 54 | 0 | 0.00% | 100.00% | |
| Totals: | 50 | 100.00% | | |

Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 27.4 | MPH |
| Sample Variance: | 9.03 | |
| Standard Deviation: | 3.0 | |
| Variance of the Mean: | 0.1806 | |
| Standard Error of the Mean: | 0.4 | |
| 10 MPH Pace: | 23 | To: 32 MPH |
| Percent in Pace: | 94.0% | |
| Vehicles in Pace: | 47 | |
| 50th Percentile Speed: | 27 | MPH |
| 85th Percentile Speed: | 31 | MPH |
| 90th Percentile Speed: | 31 | MPH |
| 95th Percentile Speed: | 33 | MPH |

Cumulative Frequency Distribution

Frequency Distribution



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | | |
|------------------|-----------------------------------|------------|---------|---------|-----------|
| Street: | Navajo Drive | Direction: | WBD/EBD | No. 109 | Comments: |
| Between: | Adams Street & N Main Street | | | | |
| Survey Location: | N First Street btwn Mohawk Avenue | | | | |
| Speed Limit: | 25 MPH | | | | |
| Date: | 04/18/25 | Day: | Friday | | |
| Hours: | From: 04:00 | To: | 04:48 | | |
| Weather: | Sunny | | | | |
| Observer(s): | Sean L. & Eva H. | | | | |

| MPH | Frequency | Percent | Cumulative % | |
|---------|-----------|---------|--------------|--|
| 10 | 0 | 0.00% | 0.00% | |
| 11 | 0 | 0.00% | 0.00% | |
| 12 | 0 | 0.00% | 0.00% | |
| 13 | 0 | 0.00% | 0.00% | |
| 14 | 0 | 0.00% | 0.00% | |
| 15 | 0 | 0.00% | 0.00% | |
| 16 | 0 | 0.00% | 0.00% | |
| 17 | 0 | 0.00% | 0.00% | |
| 18 | 0 | 0.00% | 0.00% | |
| 19 | 0 | 0.00% | 0.00% | |
| 20 | 0 | 0.00% | 0.00% | |
| 21 | 2 | 2.00% | 2.00% | |
| 22 | 3 | 3.00% | 5.00% | |
| 23 | 10 | 10.00% | 15.00% | |
| 24 | 10 | 10.00% | 25.00% | |
| 25 | 10 | 10.00% | 35.00% | |
| 26 | 8 | 8.00% | 43.00% | |
| 27 | 8 | 8.00% | 51.00% | |
| 28 | 12 | 12.00% | 63.00% | |
| 29 | 13 | 13.00% | 76.00% | |
| 30 | 5 | 5.00% | 81.00% | |
| 31 | 10 | 10.00% | 91.00% | |
| 32 | 4 | 4.00% | 95.00% | |
| 33 | 5 | 5.00% | 100.00% | |
| 34 | 0 | 0.00% | 100.00% | |
| 35 | 0 | 0.00% | 100.00% | |
| 36 | 0 | 0.00% | 100.00% | |
| 37 | 0 | 0.00% | 100.00% | |
| 38 | 0 | 0.00% | 100.00% | |
| 39 | 0 | 0.00% | 100.00% | |
| 40 | 0 | 0.00% | 100.00% | |
| 41 | 0 | 0.00% | 100.00% | |
| 42 | 0 | 0.00% | 100.00% | |
| 43 | 0 | 0.00% | 100.00% | |
| 44 | 0 | 0.00% | 100.00% | |
| 45 | 0 | 0.00% | 100.00% | |
| 46 | 0 | 0.00% | 100.00% | |
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| 49 | 0 | 0.00% | 100.00% | |
| 50 | 0 | 0.00% | 100.00% | |
| 51 | 0 | 0.00% | 100.00% | |
| 52 | 0 | 0.00% | 100.00% | |
| 53 | 0 | 0.00% | 100.00% | |
| 54 | 0 | 0.00% | 100.00% | |
| Totals: | 100 | 100.00% | | |

Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 27.2 | MPH |
| Sample Variance: | 10.01 | |
| Standard Deviation: | 3.2 | |
| Variance of the Mean: | 0.1001 | |
| Standard Error of the Mean: | 0.3 | |
| 10 MPH Pace: | 23 | To: 32 MPH |
| Percent in Pace: | 90.0% | |
| Vehicles in Pace: | 90 | |
| 50th Percentile Speed: | 27 | MPH |
| 85th Percentile Speed: | 31 | MPH |
| 90th Percentile Speed: | 31 | MPH |
| 95th Percentile Speed: | 32 | MPH |

Cumulative Frequency Distribution

Frequency Distribution

SPEED SURVEY FIELD SHEET

CITY OF SALINAS

SITE CODE

109

LOCATION Navajo Dr. Between Adams St & N. Main St

DATE 04/18 DAY Friday

TIME 4:00 TO 4:48

OBSERVER SEAN L. CALCULATED BY EVA

WEATHER Sunny

oncoming
Direction: EB

| MPH | Number of Vehicles | | | |
|-----|--------------------|----|----|----|
| | 5 | 10 | 15 | 20 |
| 70 | | | | |
| 69 | | | | |
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


away
Direction: WB

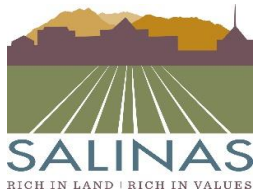
| MPH | Number of Vehicles | | | |
|-----|--------------------|----|----|----|
| | 5 | 10 | 15 | 20 |
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COMMENTS:

This segment of Villa Street is classified as a collector in the City of Salinas General Plan. The surrounding land use includes fronting residential homes, park, and a school. Speed data collected on May 20, 2025 revealed the 85th percentile speed of 26 mph. The 10 mph pace ranges from 18 mph to 27 mph and suggests the 85th percentile is within this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speeds rounded down, the existing posted speed limit of 25 mph should be retained.

| AREA | DESCRIPTION | MAP SYMBOL |  |
|--|--------------------------|---|---|
| Distance | Approximately 2,400 Feet | <div> ALL-WAY STOP</div> <div> SIGNAL</div> <div> SPEED LIMIT SIGN</div> <div> CITY LIMITS</div> <div> CROSSWALK</div> <div> SCHOOL CROSSWALK</div> | |
| Vertical Alignment | Flat | | |
| Street Width | 34 Feet | | |
| No. Lanes and Median | 2-Lane Collector | | |
| Proposed Speed Zone | 25 MPH | | |
| 85th Percentile Speed | 26 MPH | | |
| Traffic Volume (Date) | 2,362 (2025) | | |
| Accident Data (2 years) | 1 Collision (2022-2023) | | |
| Street Segment Collision Rate = $\frac{\text{Collisions}}{\text{Years}} \frac{1,000,000}{\text{ADT} \times \text{Length in Miles}}$ | 1.29 Acc./MVM | | |



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | |
|------------------|----------------------------------|------------|-------|-----------|
| Street: | Villa Street | Direction: | NBD | Comments: |
| Between: | Central Avenue & W Market Street | No. 110 | | |
| Survey Location: | 46 Villa Street | | | |
| Speed Limit: | 25 MPH | | | |
| Date: | 05/20/25 | | | |
| Hours: | From: 11:13 | To: | 01:02 | |
| Weather: | Sunny | | | |
| Observer(s): | Rodolfo C | | | |

| MPH | Frequency | Percent | Cumulative % | |
|---------|-----------|---------|--------------|--|
| 10 | 0 | 0.00% | 0.00% | |
| 11 | 0 | 0.00% | 0.00% | |
| 12 | 0 | 0.00% | 0.00% | |
| 13 | 0 | 0.00% | 0.00% | |
| 14 | 0 | 0.00% | 0.00% | |
| 15 | 0 | 0.00% | 0.00% | |
| 16 | 0 | 0.00% | 0.00% | |
| 17 | 0 | 0.00% | 0.00% | |
| 18 | 7 | 14.00% | 14.00% | |
| 19 | 7 | 14.00% | 28.00% | |
| 20 | 8 | 16.00% | 44.00% | |
| 21 | 5 | 10.00% | 54.00% | |
| 22 | 5 | 10.00% | 64.00% | |
| 23 | 2 | 4.00% | 68.00% | |
| 24 | 5 | 10.00% | 78.00% | |
| 25 | 4 | 8.00% | 86.00% | |
| 26 | 2 | 4.00% | 90.00% | |
| 27 | 2 | 4.00% | 94.00% | |
| 28 | 1 | 2.00% | 96.00% | |
| 29 | 0 | 0.00% | 96.00% | |
| 30 | 1 | 2.00% | 98.00% | |
| 31 | 0 | 0.00% | 98.00% | |
| 32 | 0 | 0.00% | 98.00% | |
| 33 | 0 | 0.00% | 98.00% | |
| 34 | 0 | 0.00% | 98.00% | |
| 35 | 0 | 0.00% | 98.00% | |
| 36 | 1 | 2.00% | 100.00% | |
| 37 | 0 | 0.00% | 100.00% | |
| 38 | 0 | 0.00% | 100.00% | |
| 39 | 0 | 0.00% | 100.00% | |
| 40 | 0 | 0.00% | 100.00% | |
| 41 | 0 | 0.00% | 100.00% | |
| 42 | 0 | 0.00% | 100.00% | |
| 43 | 0 | 0.00% | 100.00% | |
| 44 | 0 | 0.00% | 100.00% | |
| 45 | 0 | 0.00% | 100.00% | |
| 46 | 0 | 0.00% | 100.00% | |
| 47 | 0 | 0.00% | 100.00% | |
| 48 | 0 | 0.00% | 100.00% | |
| 49 | 0 | 0.00% | 100.00% | |
| 50 | 0 | 0.00% | 100.00% | |
| 51 | 0 | 0.00% | 100.00% | |
| 52 | 0 | 0.00% | 100.00% | |
| 53 | 0 | 0.00% | 100.00% | |
| 54 | 0 | 0.00% | 100.00% | |
| Totals: | 50 | 100.00% | | |

Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 22.0 | MPH |
| Sample Variance: | 13.22 | |
| Standard Deviation: | 3.6 | |
| Variance of the Mean: | 0.2644 | |
| Standard Error of the Mean: | 0.5 | |
| 10 MPH Pace: | 18 | To: 27 MPH |
| Percent in Pace: | 94.0% | |
| Vehicles in Pace: | 47 | |
| 50th Percentile Speed: | 21 | MPH |
| 85th Percentile Speed: | 25 | MPH |
| 90th Percentile Speed: | 26 | MPH |
| 95th Percentile Speed: | 28 | MPH |

Cumulative Frequency Distribution

Frequency Distribution



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

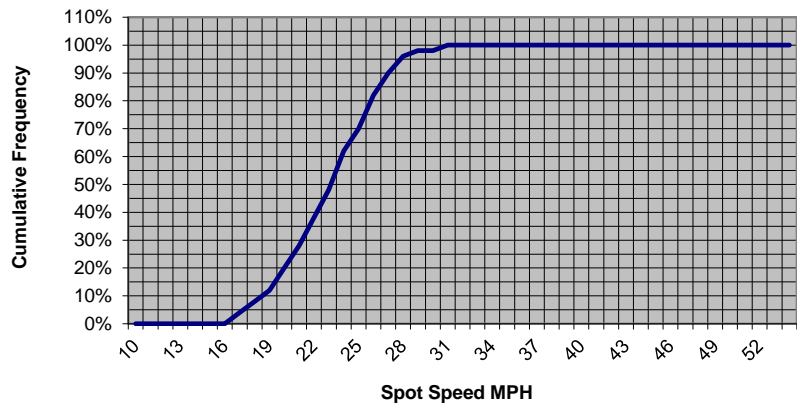
| | | | | |
|------------------|---|----------------|--------------|-----------|
| Street: | <u>Villa Street</u> | Direction: | <u>SBD</u> | Comments: |
| Between: | <u>Central Avenue & W Market Street</u> | No. 110 | | |
| Survey Location: | <u>46 Villa Street</u> | | | |
| Speed Limit: | <u>25</u> MPH | | | |
| Date: | <u>05/20/25</u> | | | |
| Hours: | From: <u>11:13</u> | To: | <u>01:02</u> | |
| Weather: | <u>Sunny</u> | | | |
| Observer(s): | <u>Rodolfo C</u> | | | |

| MPH | Frequency | Percent | Cumulative % |
|---------|-----------|---------|--------------|
| 10 | 0 | 0.00% | 0.00% |
| 11 | 0 | 0.00% | 0.00% |
| 12 | 0 | 0.00% | 0.00% |
| 13 | 0 | 0.00% | 0.00% |
| 14 | 0 | 0.00% | 0.00% |
| 15 | 0 | 0.00% | 0.00% |
| 16 | 0 | 0.00% | 0.00% |
| 17 | 2 | 4.00% | 4.00% |
| 18 | 2 | 4.00% | 8.00% |
| 19 | 2 | 4.00% | 12.00% |
| 20 | 4 | 8.00% | 20.00% |
| 21 | 4 | 8.00% | 28.00% |
| 22 | 5 | 10.00% | 38.00% |
| 23 | 5 | 10.00% | 48.00% |
| 24 | 7 | 14.00% | 62.00% |
| 25 | 4 | 8.00% | 70.00% |
| 26 | 6 | 12.00% | 82.00% |
| 27 | 4 | 8.00% | 90.00% |
| 28 | 3 | 6.00% | 96.00% |
| 29 | 1 | 2.00% | 98.00% |
| 30 | 0 | 0.00% | 98.00% |
| 31 | 1 | 2.00% | 100.00% |
| 32 | 0 | 0.00% | 100.00% |
| 33 | 0 | 0.00% | 100.00% |
| 34 | 0 | 0.00% | 100.00% |
| 35 | 0 | 0.00% | 100.00% |
| 36 | 0 | 0.00% | 100.00% |
| 37 | 0 | 0.00% | 100.00% |
| 38 | 0 | 0.00% | 100.00% |
| 39 | 0 | 0.00% | 100.00% |
| 40 | 0 | 0.00% | 100.00% |
| 41 | 0 | 0.00% | 100.00% |
| 42 | 0 | 0.00% | 100.00% |
| 43 | 0 | 0.00% | 100.00% |
| 44 | 0 | 0.00% | 100.00% |
| 45 | 0 | 0.00% | 100.00% |
| 46 | 0 | 0.00% | 100.00% |
| 47 | 0 | 0.00% | 100.00% |
| 48 | 0 | 0.00% | 100.00% |
| 49 | 0 | 0.00% | 100.00% |
| 50 | 0 | 0.00% | 100.00% |
| 51 | 0 | 0.00% | 100.00% |
| 52 | 0 | 0.00% | 100.00% |
| 53 | 0 | 0.00% | 100.00% |
| 54 | 0 | 0.00% | 100.00% |
| Totals: | 50 | 100.00% | |

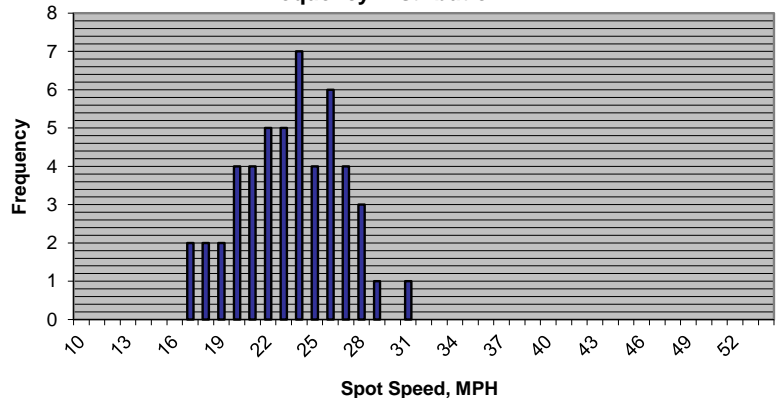
Data Analysis:

| | | |
|-----------------------------|---------------|-------------------|
| Time Mean Speed: | <u>23.5</u> | MPH |
| Sample Variance: | <u>10.54</u> | |
| Standard Deviation: | <u>3.2</u> | |
| Variance of the Mean: | <u>0.2108</u> | |
| Standard Error of the Mean: | <u>0.5</u> | |
| 10 MPH Pace: | <u>19</u> | To: <u>28</u> MPH |
| Percent in Pace: | <u>88.0%</u> | |
| Vehicles in Pace: | <u>44</u> | |
| 50th Percentile Speed: | <u>24</u> | MPH |
| 85th Percentile Speed: | <u>27</u> | MPH |
| 90th Percentile Speed: | <u>27</u> | MPH |
| 95th Percentile Speed: | <u>28</u> | MPH |

Cumulative Frequency Distribution



Frequency Distribution





CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

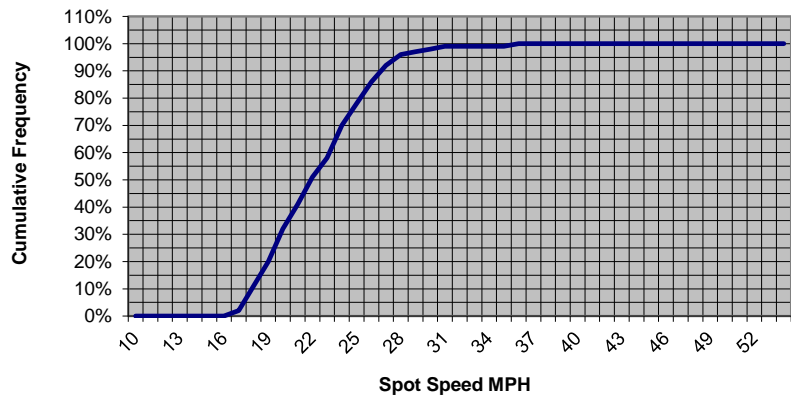
| | | | | | |
|------------------|----------------------------------|------------|---------|--|-----------|
| Street: | Villa Street | Direction: | NBD/SBD | | Comments: |
| Between: | Central Avenue & W Market Street | No. 110 | | | |
| Survey Location: | 46 Villa Street | | | | |
| Speed Limit: | 25 MPH | | | | |
| Date: | 05/20/25 | | | | |
| Hours: | From: 11:13 | Day: | Tuesday | | |
| | To: 01:02 | | | | |
| Weather: | Sunny | | | | |
| Observer(s): | Rodolfo C | | | | |

| MPH | Frequency | Percent | Cumulative % |
|---------|-----------|---------|--------------|
| 10 | 0 | 0.00% | 0.00% |
| 11 | 0 | 0.00% | 0.00% |
| 12 | 0 | 0.00% | 0.00% |
| 13 | 0 | 0.00% | 0.00% |
| 14 | 0 | 0.00% | 0.00% |
| 15 | 0 | 0.00% | 0.00% |
| 16 | 0 | 0.00% | 0.00% |
| 17 | 2 | 2.00% | 2.00% |
| 18 | 9 | 9.00% | 11.00% |
| 19 | 9 | 9.00% | 20.00% |
| 20 | 12 | 12.00% | 32.00% |
| 21 | 9 | 9.00% | 41.00% |
| 22 | 10 | 10.00% | 51.00% |
| 23 | 7 | 7.00% | 58.00% |
| 24 | 12 | 12.00% | 70.00% |
| 25 | 8 | 8.00% | 78.00% |
| 26 | 8 | 8.00% | 86.00% |
| 27 | 6 | 6.00% | 92.00% |
| 28 | 4 | 4.00% | 96.00% |
| 29 | 1 | 1.00% | 97.00% |
| 30 | 1 | 1.00% | 98.00% |
| 31 | 1 | 1.00% | 99.00% |
| 32 | 0 | 0.00% | 99.00% |
| 33 | 0 | 0.00% | 99.00% |
| 34 | 0 | 0.00% | 99.00% |
| 35 | 0 | 0.00% | 99.00% |
| 36 | 1 | 1.00% | 100.00% |
| 37 | 0 | 0.00% | 100.00% |
| 38 | 0 | 0.00% | 100.00% |
| 39 | 0 | 0.00% | 100.00% |
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| 52 | 0 | 0.00% | 100.00% |
| 53 | 0 | 0.00% | 100.00% |
| 54 | 0 | 0.00% | 100.00% |
| Totals: | 100 | 100.00% | |

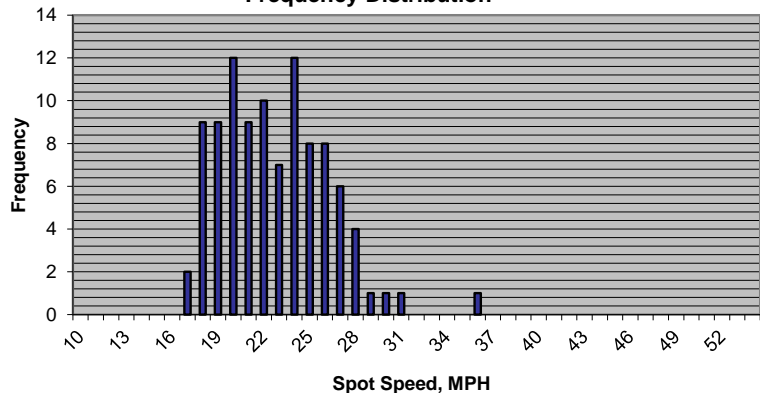
Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 22.7 | MPH |
| Sample Variance: | 12.30 | |
| Standard Deviation: | 3.5 | |
| Variance of the Mean: | 0.1230 | |
| Standard Error of the Mean: | 0.4 | |
| 10 MPH Pace: | 18 | To: 27 MPH |
| Percent in Pace: | 90.0% | |
| Vehicles in Pace: | 90 | |
| 50th Percentile Speed: | 22 | MPH |
| 85th Percentile Speed: | 26 | MPH |
| 90th Percentile Speed: | 27 | MPH |
| 95th Percentile Speed: | 28 | MPH |

Cumulative Frequency Distribution



Frequency Distribution



SPEED SURVEY FIELD SHEET

CITY OF SALINAS

SITE CODE
110

LOCATION Villa St. between Central Ave. and W. Market St.

DATE 05/20 DAY Tuesday TIME 11:13 TO 1:02

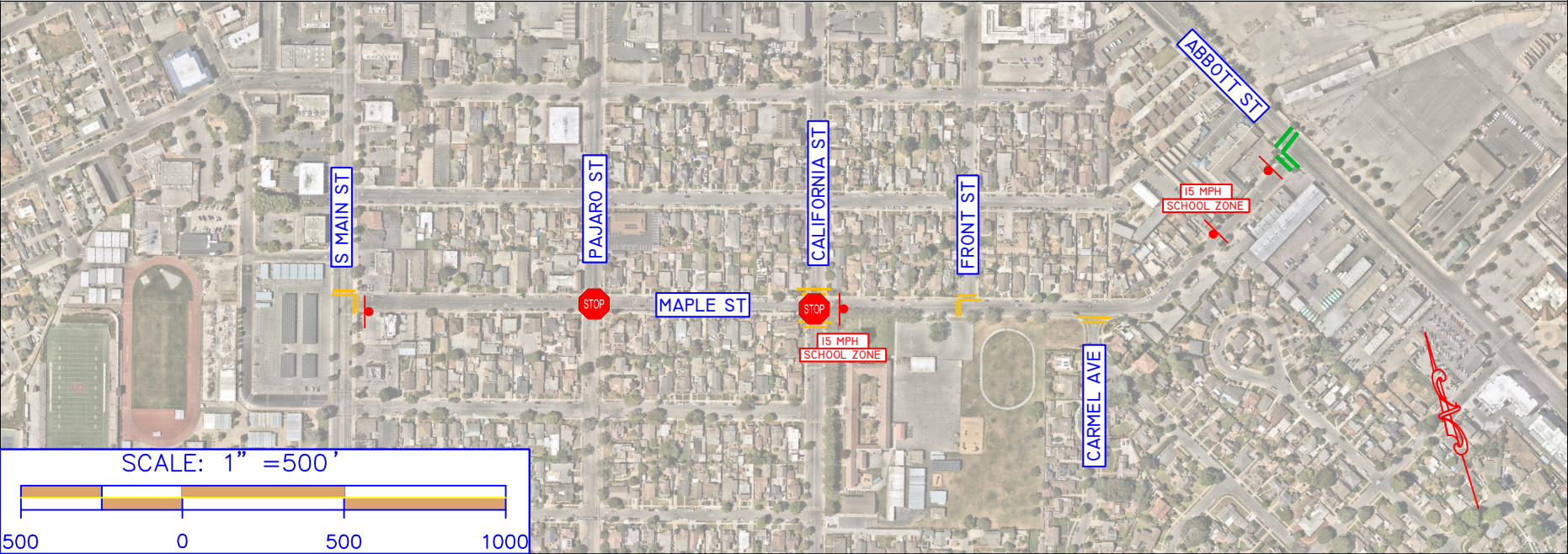
OBSERVER Rodolfo C CALCULATED BY Rodolfo C WEATHER Sunny

| Direction: <u>N.B.</u> | | | | |
|------------------------|---------------------------------|----|----|----|
| MPH | Number of Vehicles <u>CLOSE</u> | | | |
| | 5 | 10 | 15 | 20 |
| 70 | | | | |
| 69 | | | | |
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| 30 | X | | | |
| 29 | | | | |
| 28 | X | | | |
| 27 | X | | | |
| 26 | X | | | |
| 25 | X | | | |
| 24 | X | | | |
| 23 | X | | | |
| 22 | X | | | |
| 21 | X | | | |
| 20 | X | | | |
| 19 | X | | | |
| 18 | X | | | |
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| Direction: <u>S.B.</u> | | | | |
|------------------------|--------------------------------|----|----|----|
| MPH | Number of Vehicles <u>AWAY</u> | | | |
| | 5 | 10 | 15 | 20 |
| 70 | | | | |
| 69 | | | | |
| 68 | | | | |
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| 32 | | | | |
| 31 | X | | | |
| 30 | | | | |
| 29 | X | | | |
| 28 | X | | | |
| 27 | X | | | |
| 26 | X | | | |
| 25 | X | | | |
| 24 | X | | | |
| 23 | X | | | |
| 22 | X | | | |
| 21 | X | | | |
| 20 | X | | | |
| 19 | X | | | |
| 18 | X | | | |
| 17 | X | | | |
| 16 | | | | |
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COMMENTS:

This segment of Maple Street is classified as a collector in the City of Salinas General Plan. The surrounding land use includes fronting residential homes, parks, and school use. Speed data collected on April 23, 2025, revealed the 85th percentile speed of 26 mph. The 10 mph pace ranges from 18 mph to 27 mph and suggests the 85th percentile is within this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speeds rounded down, the existing posted speed limit of 25 mph should be retained.

| AREA | DESCRIPTION | MAP SYMBOL |  |
|---|---------------------------|---|---|
| Distance | Approximately 3,200 Feet | <div> ALL-WAY STOP</div> <div> SIGNAL</div> <div> SPEED LIMIT SIGN</div> <div> CITY LIMITS</div> <div> CROSSWALK</div> <div> SCHOOL CROSSWALK</div> | |
| Vertical Alignment | Flat | | |
| Street Width | 46 Feet | | |
| No. Lanes and Median | 2-Lane Collector | | |
| Proposed Speed Zone | 25 MPH | | |
| 85th Percentile Speed | 26 MPH | | |
| Traffic Volume (Date) | 1,381 (2025) | | |
| Accident Data (2 years) | 10 Collisions (2022-2023) | | |
| Street Segment Collision Rate = $\frac{\text{Collisions}}{\text{Years} (365) \text{ (ADT)} \text{ (Length in Miles)}}$ | 16.37 Acc./MVM | | |



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | |
|------------------|--|------------|------------------|--|
| Street: | <u>Maple Street</u> | Direction: | <u>WBD</u> | Comments: <div style="border: 1px solid black; padding: 2px; margin-top: 10px;">No. 111</div> |
| Between: | <u>S. Main Street and Abott Street</u> | | | |
| Survey Location: | <u>245 Maple Street</u> | | | |
| Speed Limit: | <u>25</u> MPH | | | |
| Date: | <u>04/23/2025</u> | Day: | <u>Wednesday</u> | |
| Hours: | From: <u>01:35</u> | To: | <u>02:31</u> | |
| Weather: | <u>Clear</u> | | | |
| Observer(s): | <u>Rodolfo C.</u> | | | |

| MPH | Frequency | Percent | Cumulative % | |
|---------|-----------|---------|--------------|--|
| 16 | 1 | 2.00% | 2.00% | |
| 17 | 0 | 0.00% | 2.00% | |
| 18 | 3 | 6.00% | 8.00% | |
| 19 | 5 | 10.00% | 18.00% | |
| 20 | 8 | 16.00% | 34.00% | |
| 21 | 3 | 6.00% | 40.00% | |
| 22 | 3 | 6.00% | 46.00% | |
| 23 | 5 | 10.00% | 56.00% | |
| 24 | 5 | 10.00% | 66.00% | |
| 25 | 4 | 8.00% | 74.00% | |
| 26 | 4 | 8.00% | 82.00% | |
| 27 | 4 | 8.00% | 90.00% | |
| 28 | 3 | 6.00% | 96.00% | |
| 29 | 1 | 2.00% | 98.00% | |
| 30 | 0 | 0.00% | 98.00% | |
| 31 | 1 | 2.00% | 100.00% | |
| 32 | 0 | 0.00% | 100.00% | |
| 33 | 0 | 0.00% | 100.00% | |
| 34 | 0 | 0.00% | 100.00% | |
| 35 | 0 | 0.00% | 100.00% | |
| 36 | 0 | 0.00% | 100.00% | |
| 37 | 0 | 0.00% | 100.00% | |
| 38 | 0 | 0.00% | 100.00% | |
| 39 | 0 | 0.00% | 100.00% | |
| 40 | 0 | 0.00% | 100.00% | |
| 41 | 0 | 0.00% | 100.00% | |
| 42 | 0 | 0.00% | 100.00% | |
| 43 | 0 | 0.00% | 100.00% | |
| 44 | 0 | 0.00% | 100.00% | |
| 45 | 0 | 0.00% | 100.00% | |
| 46 | 0 | 0.00% | 100.00% | |
| 47 | 0 | 0.00% | 100.00% | |
| 48 | 0 | 0.00% | 100.00% | |
| 49 | 0 | 0.00% | 100.00% | |
| 50 | 0 | 0.00% | 100.00% | |
| 51 | 0 | 0.00% | 100.00% | |
| 52 | 0 | 0.00% | 100.00% | |
| 53 | 0 | 0.00% | 100.00% | |
| 54 | 0 | 0.00% | 100.00% | |
| 55 | 0 | 0.00% | 100.00% | |
| 56 | 0 | 0.00% | 100.00% | |
| 57 | 0 | 0.00% | 100.00% | |
| 58 | 0 | 0.00% | 100.00% | |
| 59 | 0 | 0.00% | 100.00% | |
| 60 | 0 | 0.00% | 100.00% | |
| Totals: | 50 | 100.00% | | |

Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 22.9 | MPH |
| Sample Variance: | 11.97 | |
| Standard Deviation: | 3.5 | |
| Variance of the Mean: | 0.2394 | |
| Standard Error of the Mean: | 0.5 | |
| 10 MPH Pace: | 18 | To: 27 MPH |
| Percent in Pace: | 88.0% | |
| Vehicles in Pace: | 44 | |
| 50th Percentile Speed: | 23 | MPH |
| 85th Percentile Speed: | 27 | MPH |
| 90th Percentile Speed: | 27 | MPH |
| 95th Percentile Speed: | 28 | MPH |

Cumulative Frequency Distribution

Frequency Distribution



CITY OF SALINAS

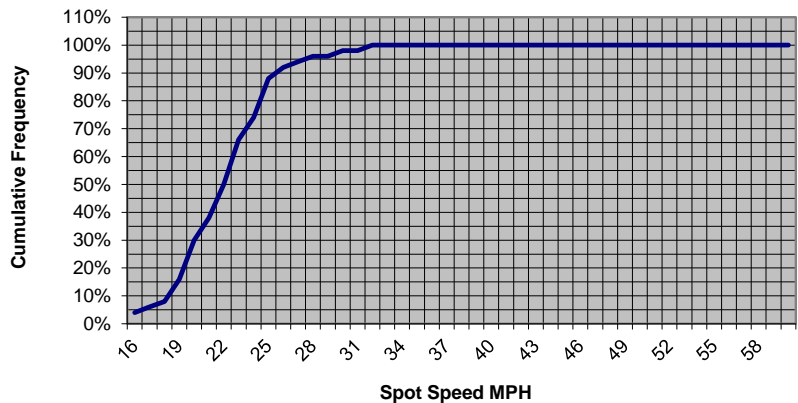
DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

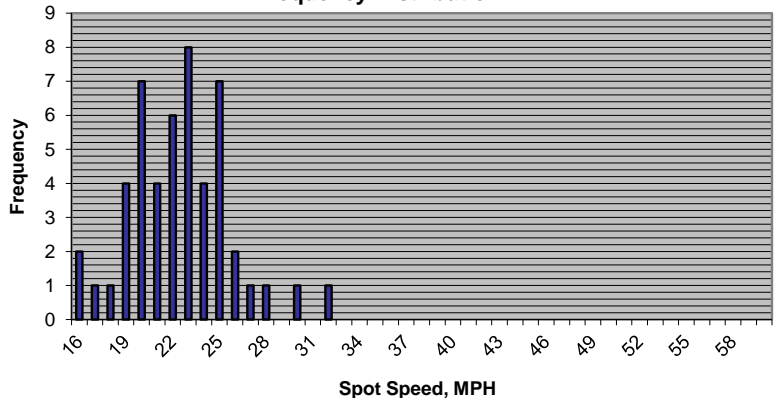
| | | | | | |
|------------------|---------------------------------|------------|-------|--|-----------|
| Street: | Maple Street | Direction: | EBD | | Comments: |
| Between: | S. Main Street and Abott Street | No. 111 | | | |
| Survey Location: | 245 Maple Street | | | | |
| Speed Limit: | 25 MPH | | | | |
| Date: | 04/23/2025 | | | | |
| Hours: | From: 01:35 | To: | 02:31 | | |
| Weather: | Clear | | | | |
| Observer(s): | Rodolfo C. | | | | |

| MPH | Frequency | Percent | Cumulative % | |
|---------|-----------|---------|--------------|---------------------------------|
| 16 | 2 | 4.00% | 4.00% | Data Analysis: |
| 17 | 1 | 2.00% | 6.00% | |
| 18 | 1 | 2.00% | 8.00% | |
| 19 | 4 | 8.00% | 16.00% | |
| 20 | 7 | 14.00% | 30.00% | |
| 21 | 4 | 8.00% | 38.00% | |
| 22 | 6 | 12.00% | 50.00% | |
| 23 | 8 | 16.00% | 66.00% | |
| 24 | 4 | 8.00% | 74.00% | |
| 25 | 7 | 14.00% | 88.00% | |
| 26 | 2 | 4.00% | 92.00% | Time Mean Speed: 22.5 MPH |
| 27 | 1 | 2.00% | 94.00% | Sample Variance: 10.50 |
| 28 | 1 | 2.00% | 96.00% | Standard Deviation: 3.2 |
| 29 | 0 | 0.00% | 96.00% | Variance of the Mean: 0.2100 |
| 30 | 1 | 2.00% | 98.00% | Standard Error of the Mean: 0.5 |
| 31 | 0 | 0.00% | 98.00% | 10 MPH Pace: 16 To: 25 MPH |
| 32 | 1 | 2.00% | 100.00% | Percent in Pace: 88.0% |
| 33 | 0 | 0.00% | 100.00% | Vehicles in Pace: 44 |
| 34 | 0 | 0.00% | 100.00% | 50th Percentile Speed: 22 MPH |
| 35 | 0 | 0.00% | 100.00% | 85th Percentile Speed: 25 MPH |
| 36 | 0 | 0.00% | 100.00% | 90th Percentile Speed: 26 MPH |
| 37 | 0 | 0.00% | 100.00% | 95th Percentile Speed: 28 MPH |
| 38 | 0 | 0.00% | 100.00% | |
| 39 | 0 | 0.00% | 100.00% | |
| 40 | 0 | 0.00% | 100.00% | |
| 41 | 0 | 0.00% | 100.00% | |
| 42 | 0 | 0.00% | 100.00% | |
| 43 | 0 | 0.00% | 100.00% | |
| 44 | 0 | 0.00% | 100.00% | |
| 45 | 0 | 0.00% | 100.00% | |
| 46 | 0 | 0.00% | 100.00% | |
| 47 | 0 | 0.00% | 100.00% | |
| 48 | 0 | 0.00% | 100.00% | |
| 49 | 0 | 0.00% | 100.00% | |
| 50 | 0 | 0.00% | 100.00% | |
| 51 | 0 | 0.00% | 100.00% | |
| 52 | 0 | 0.00% | 100.00% | |
| 53 | 0 | 0.00% | 100.00% | |
| 54 | 0 | 0.00% | 100.00% | |
| 55 | 0 | 0.00% | 100.00% | |
| 56 | 0 | 0.00% | 100.00% | |
| 57 | 0 | 0.00% | 100.00% | |
| 58 | 0 | 0.00% | 100.00% | |
| 59 | 0 | 0.00% | 100.00% | |
| 60 | 0 | 0.00% | 100.00% | |
| Totals: | 50 | 100.00% | | |

Cumulative Frequency Distribution



Frequency Distribution





CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | | |
|------------------|---------------------------------|------------|---------|--|-----------|
| Street: | Maple Street | Direction: | WBD/EBD | | Comments: |
| Between: | S. Main Street and Abott Street | No. 111 | | | |
| Survey Location: | 245 Maple Street | | | | |
| Speed Limit: | 25 MPH | | | | |
| Date: | 04/23/2025 | | | | |
| Hours: | From: 01:35 | To: | 02:31 | | |
| Weather: | Clear | | | | |
| Observer(s): | Rodolfo C. | | | | |

| MPH | Frequency | Percent | Cumulative % | Data Analysis: | | | | |
|---------|-----------|---------|--------------|---|--------|-----|----|-----|
| 16 | 3 | 3.00% | 3.00% | <div><div>Time Mean Speed:</div><div>Sample Variance:</div><div>Standard Deviation:</div><div>Variance of the Mean:</div><div>Standard Error of the Mean:</div><div>10 MPH Pace:</div><div>Percent in Pace:</div><div>Vehicles in Pace:</div><div>50th Percentile Speed:</div><div>85th Percentile Speed:</div><div>90th Percentile Speed:</div><div>95th Percentile Speed:</div></div> | 22.7 | MPH | | |
| 17 | 1 | 1.00% | 4.00% | | 11.17 | | | |
| 18 | 4 | 4.00% | 8.00% | | 3.3 | | | |
| 19 | 9 | 9.00% | 17.00% | | 0.1117 | | | |
| 20 | 15 | 15.00% | 32.00% | | 0.3 | | | |
| 21 | 7 | 7.00% | 39.00% | | 18 | To: | 27 | MPH |
| 22 | 9 | 9.00% | 48.00% | | 88.0% | | | |
| 23 | 13 | 13.00% | 61.00% | | 88 | | | |
| 24 | 9 | 9.00% | 70.00% | | 23 | MPH | | |
| 25 | 11 | 11.00% | 81.00% | | 26 | MPH | | |
| 26 | 6 | 6.00% | 87.00% | 27 | MPH | | | |
| 27 | 5 | 5.00% | 92.00% | 28 | MPH | | | |
| 28 | 4 | 4.00% | 96.00% | | | | | |
| 29 | 1 | 1.00% | 97.00% | | | | | |
| 30 | 1 | 1.00% | 98.00% | | | | | |
| 31 | 1 | 1.00% | 99.00% | | | | | |
| 32 | 1 | 1.00% | 100.00% | | | | | |
| 33 | 0 | 0.00% | 100.00% | | | | | |
| 34 | 0 | 0.00% | 100.00% | | | | | |
| 35 | 0 | 0.00% | 100.00% | | | | | |
| 36 | 0 | 0.00% | 100.00% | | | | | |
| 37 | 0 | 0.00% | 100.00% | | | | | |
| 38 | 0 | 0.00% | 100.00% | | | | | |
| 39 | 0 | 0.00% | 100.00% | | | | | |
| 40 | 0 | 0.00% | 100.00% | | | | | |
| 41 | 0 | 0.00% | 100.00% | | | | | |
| 42 | 0 | 0.00% | 100.00% | | | | | |
| 43 | 0 | 0.00% | 100.00% | | | | | |
| 44 | 0 | 0.00% | 100.00% | | | | | |
| 45 | 0 | 0.00% | 100.00% | | | | | |
| 46 | 0 | 0.00% | 100.00% | | | | | |
| 47 | 0 | 0.00% | 100.00% | | | | | |
| 48 | 0 | 0.00% | 100.00% | | | | | |
| 49 | 0 | 0.00% | 100.00% | | | | | |
| 50 | 0 | 0.00% | 100.00% | | | | | |
| 51 | 0 | 0.00% | 100.00% | | | | | |
| 52 | 0 | 0.00% | 100.00% | | | | | |
| 53 | 0 | 0.00% | 100.00% | | | | | |
| 54 | 0 | 0.00% | 100.00% | | | | | |
| 55 | 0 | 0.00% | 100.00% | | | | | |
| 56 | 0 | 0.00% | 100.00% | | | | | |
| 57 | 0 | 0.00% | 100.00% | | | | | |
| 58 | 0 | 0.00% | 100.00% | | | | | |
| 59 | 0 | 0.00% | 100.00% | | | | | |
| 60 | 0 | 0.00% | 100.00% | | | | | |
| Totals: | 100 | 100.00% | | | | | | |

Cumulative Frequency Distribution

This graph displays the cumulative frequency of spot speeds. The x-axis represents Spot Speed in MPH, ranging from 16 to 60. The y-axis represents Cumulative Frequency as a percentage, ranging from 0% to 110%. The curve starts at approximately 3% for 16 MPH and rises steeply between 18 and 25 MPH, eventually leveling off at 100% for speeds of 32 MPH and above.

| Spot Speed (MPH) | Cumulative Frequency (%) |
|------------------|--------------------------|
| 16 | 3.00 |
| 17 | 4.00 |
| 18 | 8.00 |
| 19 | 17.00 |
| 20 | 32.00 |
| 21 | 39.00 |
| 22 | 48.00 |
| 23 | 61.00 |
| 24 | 70.00 |
| 25 | 81.00 |
| 26 | 87.00 |
| 27 | 92.00 |
| 28 | 96.00 |
| 29 | 97.00 |
| 30 | 98.00 |
| 31 | 99.00 |
| 32 | 100.00 |
| 33-60 | 100.00 |

Frequency Distribution

This bar chart shows the frequency of vehicles at each speed interval. The x-axis represents Spot Speed in MPH (16 to 60), and the y-axis represents the Frequency count (0 to 16). The distribution is unimodal and slightly right-skewed, with the highest frequency of 15 vehicles occurring in the 18-19 MPH interval.

| Spot Speed (MPH) | Frequency |
|------------------|-----------|
| 16-17 | 3 |
| 17-18 | 1 |
| 18-19 | 9 |
| 19-20 | 15 |
| 20-21 | 7 |
| 21-22 | 9 |
| 22-23 | 13 |
| 23-24 | 9 |
| 24-25 | 11 |
| 25-26 | 6 |
| 26-27 | 5 |
| 27-28 | 4 |
| 28-29 | 3 |
| 29-30 | 1 |
| 30-31 | 1 |
| 31-32 | 1 |
| 32-60 | 0 |

SITE CODE
 III

SPEED SURVEY FIELD SHEET

CITY OF SALINAS

LOCATION Maple St. between S. Main St. and Abbott St.

DATE 09/23 DAY Wednesday TIME 1:35 TO 2:31

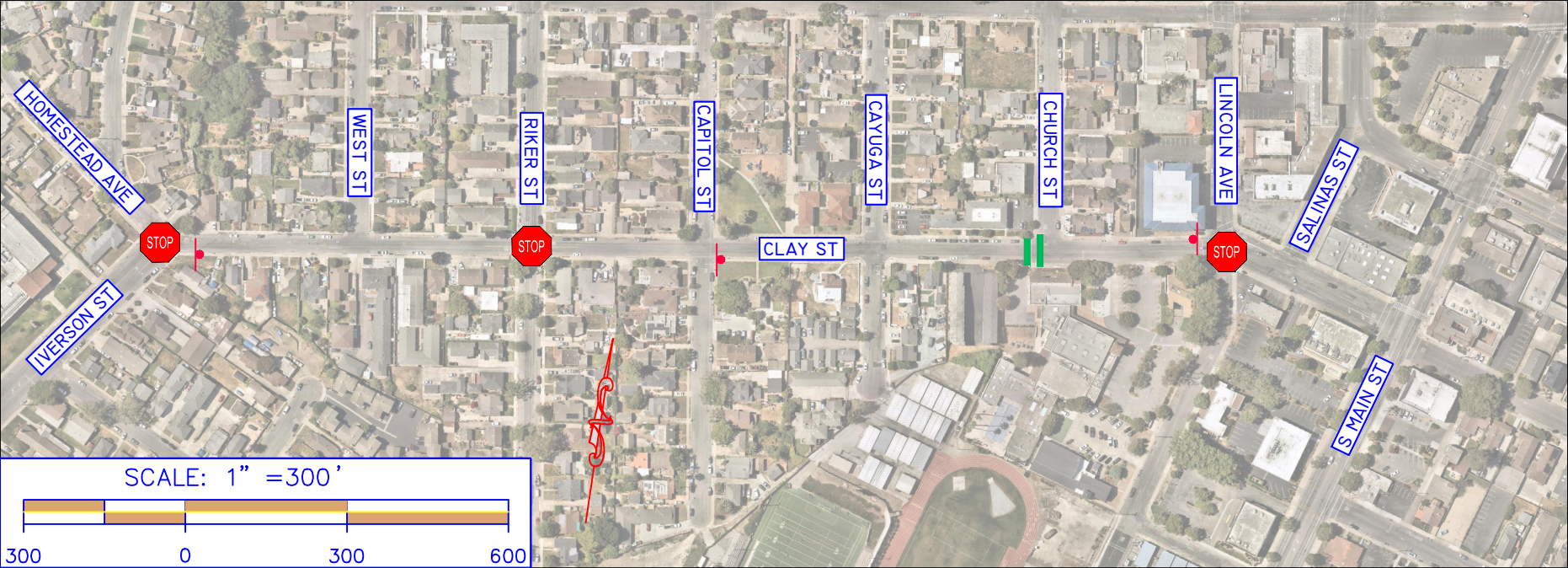
OBSERVER Rodolfo Co. CALCULATED BY Alejandro M. WEATHER Clear
AWAY CLOSE

| Direction: | | E.B. | | | | | | | | | | | | | | | |
|------------|--------------------|------|---|---|----|---|---|---|----|---|---|---|----|---|---|---|--|
| MPH | Number of Vehicles | | | | | | | | | | | | | | | | |
| | 5 | | | | 10 | | | | 15 | | | | 20 | | | | |
| 70 | | | | | | | | | | | | | | | | | |
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| 34 | | | | | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | | | | | |
| 32 | X | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | |
| 30 | X | | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | |
| 28 | X | | | | | | | | | | | | | | | | |
| 27 | X | | | | | | | | | | | | | | | | |
| 26 | X | X | | | | | | | | | | | | | | | |
| 25 | X | X | X | X | X | X | X | | | | | | | | | | |
| 24 | X | X | X | X | X | X | X | X | | | | | | | | | |
| 23 | X | X | X | X | X | X | X | X | X | | | | | | | | |
| 22 | X | X | X | X | X | X | X | X | X | X | | | | | | | |
| 21 | X | X | X | X | X | X | X | X | X | X | X | | | | | | |
| 20 | X | X | X | X | X | X | X | X | X | X | X | X | | | | | |
| 19 | X | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| 18 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| 17 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | |
| 16 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | |
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|------------|--------------------|------|---|---|----|---|---|---|----|--|--|--|----|--|--|--|--|--|--|--|--|
| Direction: | | W.B. | | | | | | | | | | | | | | | | | | | |
| MPH | Number of Vehicles | | | | | | | | | | | | | | | | | | | | |
| | 5 | | | | 10 | | | | 15 | | | | 20 | | | | | | | | |
| 70 | | | | | | | | | | | | | | | | | | | | | |
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| 56 | | | | | | | | | | | | | | | | | | | | | |
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| 34 | | | | | | | | | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | | | | | | | | | | |
| 31 | X | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | |
| 29 | X | | | | | | | | | | | | | | | | | | | | |
| 28 | X | X | | | | | | | | | | | | | | | | | | | |
| 27 | X | X | X | | | | | | | | | | | | | | | | | | |
| 26 | X | X | X | X | | | | | | | | | | | | | | | | | |
| 25 | X | X | X | X | X | | | | | | | | | | | | | | | | |
| 24 | X | X | X | X | X | X | | | | | | | | | | | | | | | |
| 23 | X | X | X | X | X | X | X | | | | | | | | | | | | | | |
| 22 | X | X | X | X | X | X | X | | | | | | | | | | | | | | |
| 21 | X | X | X | X | X | X | X | | | | | | | | | | | | | | |
| 20 | X | X | X | X | X | X | X | X | X | | | | | | | | | | | | |
| 19 | X | X | X | X | X | X | X | | | | | | | | | | | | | | |
| 18 | X | X | X | X | X | X | X | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | |
| 16 | X | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | |







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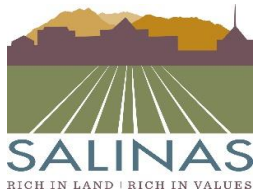


COMMENTS:

This segment of Clay Street is classified as a collector in the City of Salinas General Plan. The surrounding land use includes fronting residential homes, parks, offices, and a school. Speed data collected on April 28, 2025, revealed the 85th percentile speed of 29 mph. The 10 mph pace ranges from 20 mph to 29 mph and suggests the 85th percentile is within this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speeds rounded up and reduced by 5 mph per MUTCD option 2, the existing posted speed limit of 25 mph should be retained.

| AREA | DESCRIPTION | MAP SYMBOL |
|--|---------------------------|---|
| Distance | Approximately 2,350 Feet | <div><div> ALL-WAY STOP</div><div> SIGNAL</div><div> SPEED LIMIT SIGN</div><div> CITY LIMITS</div><div> CROSSWALK</div><div> SCHOOL CROSSWALK</div></div> |
| Vertical Alignment | Flat | |
| Street Width | Varies (34 to 58 Feet) | |
| No. Lanes and Median | 2-Lane Collector | |
| Proposed Speed Zone | 25 MPH | |
| 85th Percentile Speed | 29 MPH | |
| Traffic Volume (Date) | 4,294 (2025) | |
| Accident Data (2 years) | 12 Collisions (2022-2023) | |
| Street Segment Collision Rate = (Collisions) (1,000,000) (Years) (365) (ADT) (Length in Miles) | 8.70 Acc./MVM | |





CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | |
|------------------|------------------------------|------------|-------|-----------|
| Street: | Clay Street | Direction: | EBD | Comments: |
| Between: | Iris Steet and S Main Street | No. 112 | | |
| Survey Location: | 165 Clay Street | | | |
| Speed Limit: | 25 MPH | | | |
| Date: | 04/28/25 | | | |
| Hours: | From: 11:19 | To: | 12:05 | |
| Weather: | Clear | | | |
| Observer(s): | Rodolfo C. | | | |

| MPH | Frequency | Percent | Cumulative % | |
|---------|-----------|---------|--------------|--|
| 18 | 1 | 2.00% | 2.00% | |
| 19 | 0 | 0.00% | 2.00% | |
| 20 | 3 | 6.00% | 8.00% | |
| 21 | 1 | 2.00% | 10.00% | |
| 22 | 5 | 10.00% | 20.00% | |
| 23 | 5 | 10.00% | 30.00% | |
| 24 | 7 | 14.00% | 44.00% | |
| 25 | 5 | 10.00% | 54.00% | |
| 26 | 5 | 10.00% | 64.00% | |
| 27 | 5 | 10.00% | 74.00% | |
| 28 | 5 | 10.00% | 84.00% | |
| 29 | 4 | 8.00% | 92.00% | |
| 30 | 1 | 2.00% | 94.00% | |
| 31 | 0 | 0.00% | 94.00% | |
| 32 | 2 | 4.00% | 98.00% | |
| 33 | 0 | 0.00% | 98.00% | |
| 34 | 1 | 2.00% | 100.00% | |
| 35 | 0 | 0.00% | 100.00% | |
| 36 | 0 | 0.00% | 100.00% | |
| 37 | 0 | 0.00% | 100.00% | |
| 38 | 0 | 0.00% | 100.00% | |
| 39 | 0 | 0.00% | 100.00% | |
| 40 | 0 | 0.00% | 100.00% | |
| 41 | 0 | 0.00% | 100.00% | |
| 42 | 0 | 0.00% | 100.00% | |
| 43 | 0 | 0.00% | 100.00% | |
| 44 | 0 | 0.00% | 100.00% | |
| 45 | 0 | 0.00% | 100.00% | |
| 46 | 0 | 0.00% | 100.00% | |
| 47 | 0 | 0.00% | 100.00% | |
| 48 | 0 | 0.00% | 100.00% | |
| 49 | 0 | 0.00% | 100.00% | |
| 50 | 0 | 0.00% | 100.00% | |
| 51 | 0 | 0.00% | 100.00% | |
| 52 | 0 | 0.00% | 100.00% | |
| 53 | 0 | 0.00% | 100.00% | |
| 54 | 0 | 0.00% | 100.00% | |
| 55 | 0 | 0.00% | 100.00% | |
| 56 | 0 | 0.00% | 100.00% | |
| 57 | 0 | 0.00% | 100.00% | |
| 58 | 0 | 0.00% | 100.00% | |
| 59 | 0 | 0.00% | 100.00% | |
| 60 | 0 | 0.00% | 100.00% | |
| 61 | 0 | 0.00% | 100.00% | |
| 62 | 0 | 0.00% | 100.00% | |
| Totals: | 50 | 100.00% | | |

Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 25.3 | MPH |
| Sample Variance: | 11.12 | |
| Standard Deviation: | 3.3 | |
| Variance of the Mean: | 0.2224 | |
| Standard Error of the Mean: | 0.5 | |
| 10 MPH Pace: | 20 | To: 29 MPH |
| Percent in Pace: | 90.0% | |
| Vehicles in Pace: | 45 | |
| 50th Percentile Speed: | 25 | MPH |
| 85th Percentile Speed: | 29 | MPH |
| 90th Percentile Speed: | 29 | MPH |
| 95th Percentile Speed: | 32 | MPH |

Cumulative Frequency Distribution

Frequency Distribution



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | |
|-------------------------|-------------------------------------|-------------------------|---------------|--|
| Street: | <u>Clay Street</u> | Direction: | <u>WBD</u> | Comments: No. 112 |
| Between: | <u>Iris Steet and S Main Street</u> | | | |
| Survey Location: | <u>165 Clay Street</u> | | | |
| Speed Limit: | <u>25</u> MPH | | | |
| Date: | <u>04/28/25</u> | Day: | <u>Monday</u> | |
| Hours: | From: <u>11:19</u> | To: <u>12:05</u> | | |
| Weather: | <u>Clear</u> | | | |
| Observer(s): | <u>Rodolfo C.</u> | | | |

| MPH | Frequency | Percent | Cumulative % | Data Analysis: | | | |
|---------|-----------|---------|--------------|--|--|--|--|
| 18 | 2 | 4.00% | 4.00% | <div><div>Time Mean Speed: Sample Variance: Standard Deviation: Variance of the Mean: Standard Error of the Mean: 10 MPH Pace: Percent in Pace: Vehicles in Pace: 50th Percentile Speed: 85th Percentile Speed: 90th Percentile Speed: 95th Percentile Speed:</div><div><div>25.4 14.24 3.8 0.2848 0.5 20 80.0% 40 25 29 30 33</div><div>MPH To: MPH MPH MPH MPH</div></div></div> | | | |
| 19 | 1 | 2.00% | 6.00% | | | | |
| 20 | 2 | 4.00% | 10.00% | | | | |
| 21 | 1 | 2.00% | 12.00% | | | | |
| 22 | 5 | 10.00% | 22.00% | | | | |
| 23 | 5 | 10.00% | 32.00% | | | | |
| 24 | 4 | 8.00% | 40.00% | | | | |
| 25 | 7 | 14.00% | 54.00% | | | | |
| 26 | 7 | 14.00% | 68.00% | | | | |
| 27 | 2 | 4.00% | 72.00% | | | | |
| 28 | 5 | 10.00% | 82.00% | | | | |
| 29 | 2 | 4.00% | 86.00% | | | | |
| 30 | 2 | 4.00% | 90.00% | | | | |
| 31 | 1 | 2.00% | 92.00% | | | | |
| 32 | 1 | 2.00% | 94.00% | | | | |
| 33 | 2 | 4.00% | 98.00% | | | | |
| 34 | 1 | 2.00% | 100.00% | | | | |
| 35 | 0 | 0.00% | 100.00% | | | | |
| 36 | 0 | 0.00% | 100.00% | | | | |
| 37 | 0 | 0.00% | 100.00% | | | | |
| 38 | 0 | 0.00% | 100.00% | | | | |
| 39 | 0 | 0.00% | 100.00% | | | | |
| 40 | 0 | 0.00% | 100.00% | | | | |
| 41 | 0 | 0.00% | 100.00% | | | | |
| 42 | 0 | 0.00% | 100.00% | | | | |
| 43 | 0 | 0.00% | 100.00% | | | | |
| 44 | 0 | 0.00% | 100.00% | | | | |
| 45 | 0 | 0.00% | 100.00% | | | | |
| 46 | 0 | 0.00% | 100.00% | | | | |
| 47 | 0 | 0.00% | 100.00% | | | | |
| 48 | 0 | 0.00% | 100.00% | | | | |
| 49 | 0 | 0.00% | 100.00% | | | | |
| 50 | 0 | 0.00% | 100.00% | | | | |
| 51 | 0 | 0.00% | 100.00% | | | | |
| 52 | 0 | 0.00% | 100.00% | | | | |
| 53 | 0 | 0.00% | 100.00% | | | | |
| 54 | 0 | 0.00% | 100.00% | | | | |
| 55 | 0 | 0.00% | 100.00% | | | | |
| 56 | 0 | 0.00% | 100.00% | | | | |
| 57 | 0 | 0.00% | 100.00% | | | | |
| 58 | 0 | 0.00% | 100.00% | | | | |
| 59 | 0 | 0.00% | 100.00% | | | | |
| 60 | 0 | 0.00% | 100.00% | | | | |
| 61 | 0 | 0.00% | 100.00% | | | | |
| 62 | 0 | 0.00% | 100.00% | | | | |
| Totals: | 50 | 100.00% | | | | | |

Cumulative Frequency Distribution

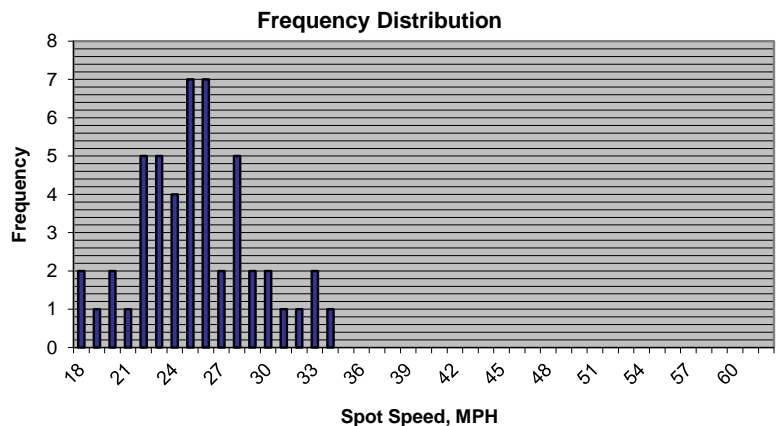
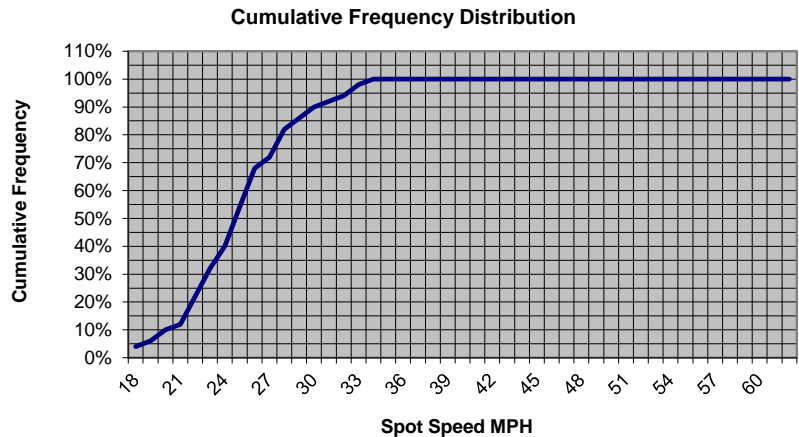
This graph shows the cumulative frequency of spot speeds. The x-axis represents Spot Speed in MPH, ranging from 18 to 62. The y-axis represents Cumulative Frequency as a percentage, ranging from 0% to 110%. The curve starts at approximately 5% at 18 MPH and reaches 100% at 36 MPH, remaining flat thereafter.

| Spot Speed (MPH) | Cumulative Frequency (%) |
|------------------|--------------------------|
| 18 | 5 |
| 19 | 9 |
| 20 | 13 |
| 21 | 17 |
| 22 | 27 |
| 23 | 37 |
| 24 | 45 |
| 25 | 69 |
| 26 | 83 |
| 27 | 87 |
| 28 | 92 |
| 29 | 96 |
| 30 | 98 |
| 31 | 99 |
| 32 | 100 |
| 33 | 100 |
| 34 | 100 |
| 35 | 100 |
| 36 | 100 |
| 37 | 100 |
| 38 | 100 |
| 39 | 100 |
| 40 | 100 |
| 41 | 100 |
| 42 | 100 |
| 43 | 100 |
| 44 | 100 |
| 45 | 100 |
| 46 | 100 |
| 47 | 100 |
| 48 | 100 |
| 49 | 100 |
| 50 | 100 |
| 51 | 100 |
| 52 | 100 |
| 53 | 100 |
| 54 | 100 |
| 55 | 100 |
| 56 | 100 |
| 57 | 100 |
| 58 | 100 |
| 59 | 100 |
| 60 | 100 |
| 61 | 100 |
| 62 | 100 |

Frequency Distribution

This bar chart displays the frequency of spot speeds. The x-axis represents Spot Speed in MPH, ranging from 18 to 62. The y-axis represents Frequency, ranging from 0 to 8. The distribution is unimodal and slightly right-skewed, with the highest frequencies of 7 occurring at 27 and 28 MPH.

| Spot Speed (MPH) | Frequency |
|------------------|-----------|
| 18 | 2 |
| 19 | 1 |
| 20 | 2 |
| 21 | 1 |
| 22 | 5 |
| 23 | 5 |
| 24 | 4 |
| 25 | 7 |
| 26 | 7 |
| 27 | 7 |
| 28 | 7 |
| 29 | 5 |
| 30 | 2 |
| 31 | 2 |
| 32 | 2 |
| 33 | 1 |
| 34 | 1 |
| 35 | 2 |
| 36 | 1 |
| 37 | 0 |
| 38 | 0 |
| 39 | 0 |
| 40 | 0 |
| 41 | 0 |
| 42 | 0 |
| 43 | 0 |
| 44 | 0 |
| 45 | 0 |
| 46 | 0 |
| 47 | 0 |
| 48 | 0 |
| 49 | 0 |
| 50 | 0 |
| 51 | 0 |
| 52 | 0 |
| 53 | 0 |
| 54 | 0 |
| 55 | 0 |
| 56 | 0 |
| 57 | 0 |
| 58 | 0 |
| 59 | 0 |
| 60 | 0 |
| 61 | 0 |
| 62 | 0 |





CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | | |
|------------------|------------------------------|------------|---------|--|-----------|
| Street: | Clay Street | Direction: | EBD/WBD | | Comments: |
| Between: | Iris Steet and S Main Street | No. 112 | | | |
| Survey Location: | 165 Clay Street | | | | |
| Speed Limit: | 25 MPH | | | | |
| Date: | 04/28/25 | | | | |
| Hours: | From: 11:19 | To: | 12:05 | | |
| Weather: | Clear | | | | |
| Observer(s): | Rodolfo C. | | | | |

| MPH | Frequency | Percent | Cumulative % | Data Analysis: | | | |
|---------|-----------|---------|--------------|--|--|--|--|
| 18 | 3 | 3.00% | 3.00% | <div>Time Mean Speed: 25.4 MPH</div> <div>Sample Variance: 12.55</div> <div>Standard Deviation: 3.5</div> <div>Variance of the Mean: 0.1255</div> <div>Standard Error of the Mean: 0.4</div> <div>10 MPH Pace: 20 To: 29 MPH</div> <div>Percent in Pace: 85.0%</div> <div>Vehicles in Pace: 85</div> <div>50th Percentile Speed: 25 MPH</div> <div>85th Percentile Speed: 29 MPH</div> <div>90th Percentile Speed: 30 MPH</div> <div>95th Percentile Speed: 32 MPH</div> | | | |
| 19 | 1 | 1.00% | 4.00% | | | | |
| 20 | 5 | 5.00% | 9.00% | | | | |
| 21 | 2 | 2.00% | 11.00% | | | | |
| 22 | 10 | 10.00% | 21.00% | | | | |
| 23 | 10 | 10.00% | 31.00% | | | | |
| 24 | 11 | 11.00% | 42.00% | | | | |
| 25 | 12 | 12.00% | 54.00% | | | | |
| 26 | 12 | 12.00% | 66.00% | | | | |
| 27 | 7 | 7.00% | 73.00% | | | | |
| 28 | 10 | 10.00% | 83.00% | | | | |
| 29 | 6 | 6.00% | 89.00% | | | | |
| 30 | 3 | 3.00% | 92.00% | | | | |
| 31 | 1 | 1.00% | 93.00% | | | | |
| 32 | 3 | 3.00% | 96.00% | | | | |
| 33 | 2 | 2.00% | 98.00% | | | | |
| 34 | 2 | 2.00% | 100.00% | | | | |
| 35 | 0 | 0.00% | 100.00% | | | | |
| 36 | 0 | 0.00% | 100.00% | | | | |
| 37 | 0 | 0.00% | 100.00% | | | | |
| 38 | 0 | 0.00% | 100.00% | | | | |
| 39 | 0 | 0.00% | 100.00% | | | | |
| 40 | 0 | 0.00% | 100.00% | | | | |
| 41 | 0 | 0.00% | 100.00% | | | | |
| 42 | 0 | 0.00% | 100.00% | | | | |
| 43 | 0 | 0.00% | 100.00% | | | | |
| 44 | 0 | 0.00% | 100.00% | | | | |
| 45 | 0 | 0.00% | 100.00% | | | | |
| 46 | 0 | 0.00% | 100.00% | | | | |
| 47 | 0 | 0.00% | 100.00% | | | | |
| 48 | 0 | 0.00% | 100.00% | | | | |
| 49 | 0 | 0.00% | 100.00% | | | | |
| 50 | 0 | 0.00% | 100.00% | | | | |
| 51 | 0 | 0.00% | 100.00% | | | | |
| 52 | 0 | 0.00% | 100.00% | | | | |
| 53 | 0 | 0.00% | 100.00% | | | | |
| 54 | 0 | 0.00% | 100.00% | | | | |
| 55 | 0 | 0.00% | 100.00% | | | | |
| 56 | 0 | 0.00% | 100.00% | | | | |
| 57 | 0 | 0.00% | 100.00% | | | | |
| 58 | 0 | 0.00% | 100.00% | | | | |
| 59 | 0 | 0.00% | 100.00% | | | | |
| 60 | 0 | 0.00% | 100.00% | | | | |
| 61 | 0 | 0.00% | 100.00% | | | | |
| 62 | 0 | 0.00% | 100.00% | | | | |
| Totals: | 100 | 100.00% | | | | | |

Cumulative Frequency Distribution

| Spot Speed MPH | Cumulative Frequency (%) |
|----------------|--------------------------|
| 18 | 3.00% |
| 19 | 4.00% |
| 20 | 9.00% |
| 21 | 11.00% |
| 22 | 21.00% |
| 23 | 31.00% |
| 24 | 42.00% |
| 25 | 54.00% |
| 26 | 66.00% |
| 27 | 73.00% |
| 28 | 83.00% |
| 29 | 89.00% |
| 30 | 92.00% |
| 31 | 93.00% |
| 32 | 96.00% |
| 33 | 98.00% |
| 34 | 100.00% |
| 35 | 100.00% |
| 36 | 100.00% |
| 37 | 100.00% |
| 38 | 100.00% |
| 39 | 100.00% |
| 40 | 100.00% |
| 41 | 100.00% |
| 42 | 100.00% |
| 43 | 100.00% |
| 44 | 100.00% |
| 45 | 100.00% |
| 46 | 100.00% |
| 47 | 100.00% |
| 48 | 100.00% |
| 49 | 100.00% |
| 50 | 100.00% |
| 51 | 100.00% |
| 52 | 100.00% |
| 53 | 100.00% |
| 54 | 100.00% |
| 55 | 100.00% |
| 56 | 100.00% |
| 57 | 100.00% |
| 58 | 100.00% |
| 59 | 100.00% |
| 60 | 100.00% |

Frequency Distribution

| Spot Speed, MPH | Frequency |
|-----------------|-----------|
| 18 | 3 |
| 19 | 1 |
| 20 | 5 |
| 21 | 2 |
| 22 | 10 |
| 23 | 10 |
| 24 | 11 |
| 25 | 12 |
| 26 | 12 |
| 27 | 7 |
| 28 | 10 |
| 29 | 6 |
| 30 | 3 |
| 31 | 1 |
| 32 | 3 |
| 33 | 2 |
| 34 | 2 |
| 35 | 0 |
| 36 | 0 |
| 37 | 0 |
| 38 | 0 |
| 39 | 0 |
| 40 | 0 |
| 41 | 0 |
| 42 | 0 |
| 43 | 0 |
| 44 | 0 |
| 45 | 0 |
| 46 | 0 |
| 47 | 0 |
| 48 | 0 |
| 49 | 0 |
| 50 | 0 |
| 51 | 0 |
| 52 | 0 |
| 53 | 0 |
| 54 | 0 |
| 55 | 0 |
| 56 | 0 |
| 57 | 0 |
| 58 | 0 |
| 59 | 0 |
| 60 | 0 |

SITE CODE

112

SPEED SURVEY FIELD SHEET

CITY OF SALINAS

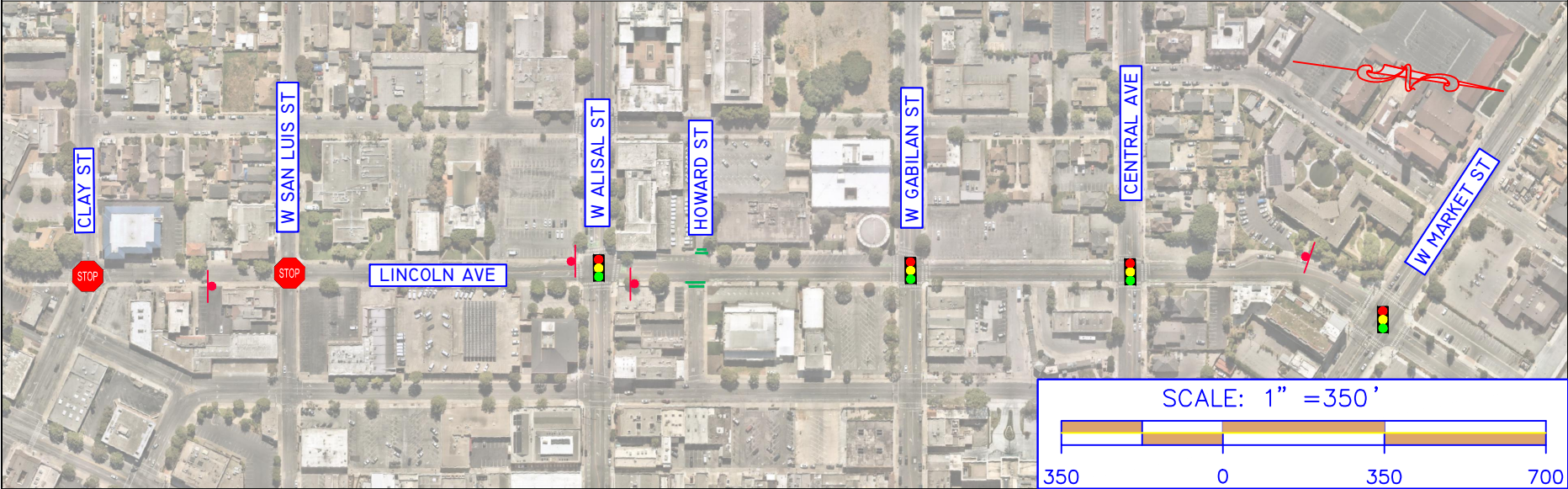
LOCATION Clay St. between Iverson St. and S. Main St.DATE 09/28 DAY Monday TIME 11:19 TO 12:05OBSERVER Rodolfo CALCULATED BY Alexandro Me WEATHER Sunny
AWAY Approaching

| Direction: | | E.B. | | | |
|------------|--------------------|------|----|----|--|
| MPH | Number of Vehicles | | | | |
| | 5 | 10 | 15 | 20 | |
| 70 | | | | | |
| 69 | | | | | |
| 68 | | | | | |
| 67 | | | | | |
| 66 | | | | | |
| 65 | | | | | |
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| 40 | | | | | |
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| 38 | | | | | |
| 37 | | | | | |
| 36 | | | | | |
| 35 | | | | | |
| 34 | X | | | | |
| 33 | | | | | |
| 32 | X | X | | | |
| 31 | | | | | |
| 30 | X | | | | |
| 29 | X | X | X | | |
| 28 | X | X | X | | |
| 27 | X | X | X | | |
| 26 | X | X | X | | |
| 25 | X | X | X | | |
| 24 | X | X | X | X | |
| 23 | X | X | X | | |
| 22 | X | X | X | | |
| 21 | X | | | | |
| 20 | X | X | X | | |
| 19 | | | | | |
| 18 | X | | | | |
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| Direction: | | W.B. J | | | | | | | | | | | | | | | | | | | |
|------------|--------------------|--------|---|---|----|---|---|--|----|--|--|--|----|--|--|--|--|--|--|--|--|
| MPH | Number of Vehicles | | | | | | | | | | | | | | | | | | | | |
| | 5 | | | | 10 | | | | 15 | | | | 20 | | | | | | | | |
| 70 | | | | | | | | | | | | | | | | | | | | | |
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| 35 | | | | | | | | | | | | | | | | | | | | | |
| 34 | X | | | | | | | | | | | | | | | | | | | | |
| 33 | X | X | | | | | | | | | | | | | | | | | | | |
| 32 | X | X | | | | | | | | | | | | | | | | | | | |
| 31 | X | | | | | | | | | | | | | | | | | | | | |
| 30 | X | X | | | | | | | | | | | | | | | | | | | |
| 29 | X | X | | | | | | | | | | | | | | | | | | | |
| 28 | X | X | X | X | X | | | | | | | | | | | | | | | | |
| 27 | X | X | | | | | | | | | | | | | | | | | | | |
| 26 | X | X | X | X | X | X | X | | | | | | | | | | | | | | |
| 25 | X | X | X | X | X | X | X | | | | | | | | | | | | | | |
| 24 | X | X | X | X | X | | | | | | | | | | | | | | | | |
| 23 | X | X | X | X | X | | | | | | | | | | | | | | | | |
| 22 | X | X | X | X | X | | | | | | | | | | | | | | | | |
| 21 | X | | | | | | | | | | | | | | | | | | | | |
| 20 | X | X | | | | | | | | | | | | | | | | | | | |
| 19 | X | | | | | | | | | | | | | | | | | | | | |
| 18 | X | X | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | |
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| 12 | | | | | | | | | | | | | | | | | | | | | |
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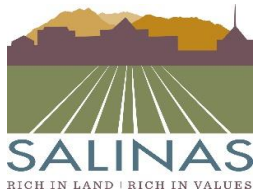
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COMMENTS:

This segment of Lincoln Avenue is classified as a minor arterial in the City of Salinas General Plan. The surrounding land use includes office, residential, and commercial use. Speed data collected on May 6, 2025, revealed the 85th percentile speed of 29 mph. The 10 mph pace ranges from 20 mph to 29 mph and suggests the 85th percentile is within this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speeds rounded up and reduced by 5 mph per MUTCD option 2, the existing posted speed limit of 25 mph should be retained.

| AREA | DESCRIPTION | MAP SYMBOL |  |
|--|--------------------------|--|---|
| Distance | Approximately 2,850 Feet |  ALL-WAY STOP | |
| Vertical Alignment | Flat |  SIGNAL | |
| Street Width | Varies (34 to 79 Feet) |  SPEED LIMIT SIGN | |
| No. Lanes and Median | 2-Lane Minor Arterial |  CITY LIMITS | |
| Proposed Speed Zone | 25 MPH |  CROSSWALK | |
| 85th Percentile Speed | 29 MPH |  SCHOOL CROSSWALK | |
| Traffic Volume (Date) | 6,573 (2025) | | |
| Accident Data (2 years) | 5 Collisions (2022-2023) | | |
| Street Segment Collision Rate = (Collisions) (1,000,000) (Years) (365) (ADT) (Length in Miles) | 1.93 Acc./MVM | | |



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | | |
|------------------|---------------------------------|--------------------------|-------|--|--|
| Street: | Lincoln Avenue | Direction: | NBD | | |
| Between: | W Market Street and Clay Street | Comments: No. 113 | | | |
| Survey Location: | 361 Lincoln Ave | | | | |
| Speed Limit: | 25 MPH | | | | |
| Date: | 05/06/25 | | | | |
| Hours: | From: 11:55 | To: | 12:40 | | |
| Weather: | Clear | | | | |
| Observer(s): | Rodolfo C. | | | | |

| MPH | Frequency | Percent | Cumulative % | Data Analysis: | | | |
|---------|-----------|---------|--------------|--|--|--|--|
| 10 | 0 | 0.00% | 0.00% | <div>Time Mean Speed: 25.3 MPH</div> <div>Sample Variance: 11.12</div> <div>Standard Deviation: 3.3</div> <div>Variance of the Mean: 0.2224</div> <div>Standard Error of the Mean: 0.5</div> <div>10 MPH Pace: 20 To: 29 MPH</div> <div>Percent in Pace: 90.0%</div> <div>Vehicles in Pace: 45</div> <div>50th Percentile Speed: 25 MPH</div> <div>85th Percentile Speed: 29 MPH</div> <div>90th Percentile Speed: 29 MPH</div> <div>95th Percentile Speed: 32 MPH</div> | | | |
| 11 | 0 | 0.00% | 0.00% | | | | |
| 12 | 0 | 0.00% | 0.00% | | | | |
| 13 | 0 | 0.00% | 0.00% | | | | |
| 14 | 0 | 0.00% | 0.00% | | | | |
| 15 | 0 | 0.00% | 0.00% | | | | |
| 16 | 0 | 0.00% | 0.00% | | | | |
| 17 | 0 | 0.00% | 0.00% | | | | |
| 18 | 1 | 2.00% | 2.00% | | | | |
| 19 | 0 | 0.00% | 2.00% | | | | |
| 20 | 3 | 6.00% | 8.00% | | | | |
| 21 | 1 | 2.00% | 10.00% | | | | |
| 22 | 5 | 10.00% | 20.00% | | | | |
| 23 | 5 | 10.00% | 30.00% | | | | |
| 24 | 7 | 14.00% | 44.00% | | | | |
| 25 | 5 | 10.00% | 54.00% | | | | |
| 26 | 5 | 10.00% | 64.00% | | | | |
| 27 | 5 | 10.00% | 74.00% | | | | |
| 28 | 5 | 10.00% | 84.00% | | | | |
| 29 | 4 | 8.00% | 92.00% | | | | |
| 30 | 1 | 2.00% | 94.00% | | | | |
| 31 | 0 | 0.00% | 94.00% | | | | |
| 32 | 2 | 4.00% | 98.00% | | | | |
| 33 | 0 | 0.00% | 98.00% | | | | |
| 34 | 1 | 2.00% | 100.00% | | | | |
| 35 | 0 | 0.00% | 100.00% | | | | |
| 36 | 0 | 0.00% | 100.00% | | | | |
| 37 | 0 | 0.00% | 100.00% | | | | |
| 38 | 0 | 0.00% | 100.00% | | | | |
| 39 | 0 | 0.00% | 100.00% | | | | |
| 40 | 0 | 0.00% | 100.00% | | | | |
| 41 | 0 | 0.00% | 100.00% | | | | |
| 42 | 0 | 0.00% | 100.00% | | | | |
| 43 | 0 | 0.00% | 100.00% | | | | |
| 44 | 0 | 0.00% | 100.00% | | | | |
| 45 | 0 | 0.00% | 100.00% | | | | |
| 46 | 0 | 0.00% | 100.00% | | | | |
| 47 | 0 | 0.00% | 100.00% | | | | |
| 48 | 0 | 0.00% | 100.00% | | | | |
| 49 | 0 | 0.00% | 100.00% | | | | |
| 50 | 0 | 0.00% | 100.00% | | | | |
| 51 | 0 | 0.00% | 100.00% | | | | |
| 52 | 0 | 0.00% | 100.00% | | | | |
| 53 | 0 | 0.00% | 100.00% | | | | |
| 54 | 0 | 0.00% | 100.00% | | | | |
| Totals: | 50 | 100.00% | | | | | |

Cumulative Frequency Distribution

Cumulative Frequency

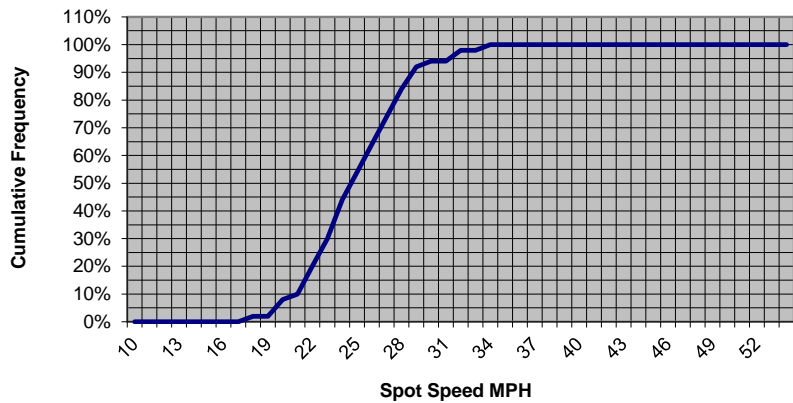
Spot Speed MPH

Frequency Distribution

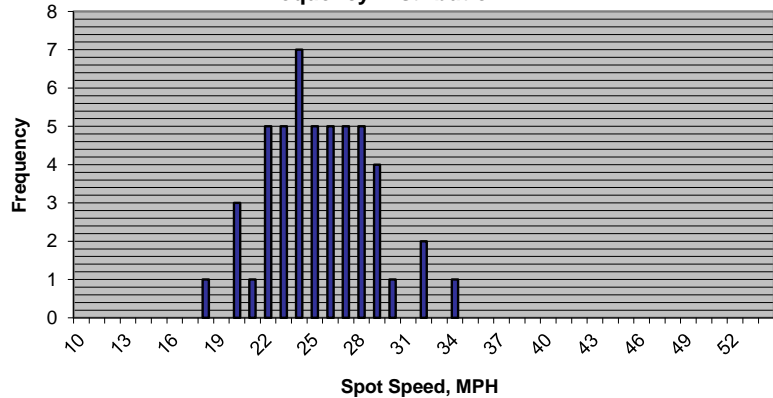
Frequency

Spot Speed, MPH

Cumulative Frequency Distribution



Frequency Distribution





CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

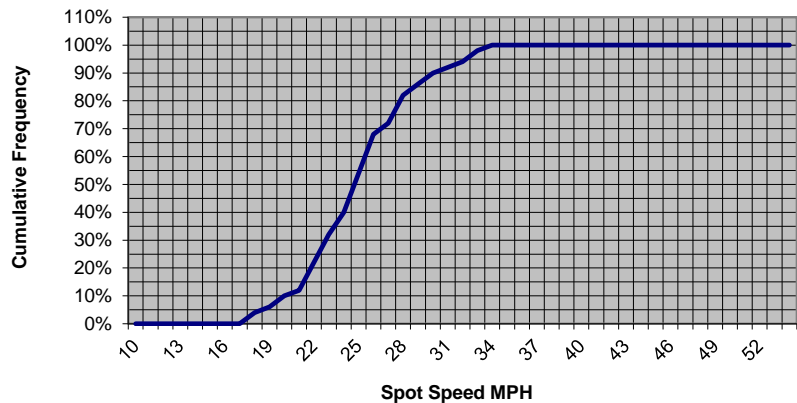
| | | | | | | |
|------------------|---------------------------------|------------|-----|-----------|------|---------|
| Street: | Lincoln Avenue | Direction: | SBD | Comments: | | |
| Between: | W Market Street and Clay Street | No. 113 | | | | |
| Survey Location: | 361 Lincoln Ave | | | | | |
| Speed Limit: | 25 MPH | | | | | |
| Date: | 05/06/25 | | | | Day: | Tuesday |
| Hours: | From: 11:55 | | | | To: | 12:40 |
| Weather: | Clear | | | | | |
| Observer(s): | Rodolfo C. | | | | | |

| MPH | Frequency | Percent | Cumulative % |
|---------|-----------|---------|--------------|
| 10 | 0 | 0.00% | 0.00% |
| 11 | 0 | 0.00% | 0.00% |
| 12 | 0 | 0.00% | 0.00% |
| 13 | 0 | 0.00% | 0.00% |
| 14 | 0 | 0.00% | 0.00% |
| 15 | 0 | 0.00% | 0.00% |
| 16 | 0 | 0.00% | 0.00% |
| 17 | 0 | 0.00% | 0.00% |
| 18 | 2 | 4.00% | 4.00% |
| 19 | 1 | 2.00% | 6.00% |
| 20 | 2 | 4.00% | 10.00% |
| 21 | 1 | 2.00% | 12.00% |
| 22 | 5 | 10.00% | 22.00% |
| 23 | 5 | 10.00% | 32.00% |
| 24 | 4 | 8.00% | 40.00% |
| 25 | 7 | 14.00% | 54.00% |
| 26 | 7 | 14.00% | 68.00% |
| 27 | 2 | 4.00% | 72.00% |
| 28 | 5 | 10.00% | 82.00% |
| 29 | 2 | 4.00% | 86.00% |
| 30 | 2 | 4.00% | 90.00% |
| 31 | 1 | 2.00% | 92.00% |
| 32 | 1 | 2.00% | 94.00% |
| 33 | 2 | 4.00% | 98.00% |
| 34 | 1 | 2.00% | 100.00% |
| 35 | 0 | 0.00% | 100.00% |
| 36 | 0 | 0.00% | 100.00% |
| 37 | 0 | 0.00% | 100.00% |
| 38 | 0 | 0.00% | 100.00% |
| 39 | 0 | 0.00% | 100.00% |
| 40 | 0 | 0.00% | 100.00% |
| 41 | 0 | 0.00% | 100.00% |
| 42 | 0 | 0.00% | 100.00% |
| 43 | 0 | 0.00% | 100.00% |
| 44 | 0 | 0.00% | 100.00% |
| 45 | 0 | 0.00% | 100.00% |
| 46 | 0 | 0.00% | 100.00% |
| 47 | 0 | 0.00% | 100.00% |
| 48 | 0 | 0.00% | 100.00% |
| 49 | 0 | 0.00% | 100.00% |
| 50 | 0 | 0.00% | 100.00% |
| 51 | 0 | 0.00% | 100.00% |
| 52 | 0 | 0.00% | 100.00% |
| 53 | 0 | 0.00% | 100.00% |
| 54 | 0 | 0.00% | 100.00% |
| Totals: | 50 | 100.00% | |

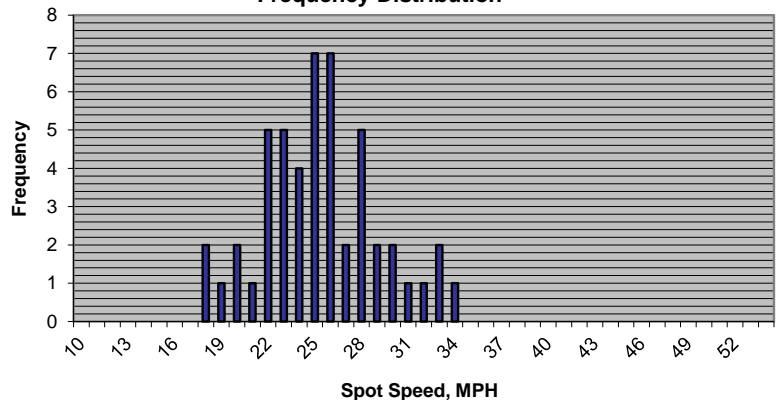
Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 25.4 | MPH |
| Sample Variance: | 14.24 | |
| Standard Deviation: | 3.8 | |
| Variance of the Mean: | 0.2848 | |
| Standard Error of the Mean: | 0.5 | |
| 10 MPH Pace: | 20 | To: 29 MPH |
| Percent in Pace: | 80.0% | |
| Vehicles in Pace: | 40 | |
| 50th Percentile Speed: | 25 | MPH |
| 85th Percentile Speed: | 29 | MPH |
| 90th Percentile Speed: | 30 | MPH |
| 95th Percentile Speed: | 33 | MPH |

Cumulative Frequency Distribution



Frequency Distribution





CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | | |
|------------------|---------------------------------|------------|---------|---------|-----------|
| Street: | Lincoln Avenue | Direction: | NBD/SBD | No. 113 | Comments: |
| Between: | W Market Street and Clay Street | | | | |
| Survey Location: | 361 Lincoln Ave | | | | |
| Speed Limit: | 25 MPH | | | | |
| Date: | 05/06/25 | Day: | Tuesday | | |
| Hours: | From: 11:55 | To: | 12:40 | | |
| Weather: | Clear | | | | |
| Observer(s): | Rodolfo C. | | | | |

| MPH | Frequency | Percent | Cumulative % | |
|---------|-----------|---------|--------------|--|
| 10 | 0 | 0.00% | 0.00% | |
| 11 | 0 | 0.00% | 0.00% | |
| 12 | 0 | 0.00% | 0.00% | |
| 13 | 0 | 0.00% | 0.00% | |
| 14 | 0 | 0.00% | 0.00% | |
| 15 | 0 | 0.00% | 0.00% | |
| 16 | 0 | 0.00% | 0.00% | |
| 17 | 0 | 0.00% | 0.00% | |
| 18 | 3 | 3.00% | 3.00% | |
| 19 | 1 | 1.00% | 4.00% | |
| 20 | 5 | 5.00% | 9.00% | |
| 21 | 2 | 2.00% | 11.00% | |
| 22 | 10 | 10.00% | 21.00% | |
| 23 | 10 | 10.00% | 31.00% | |
| 24 | 11 | 11.00% | 42.00% | |
| 25 | 12 | 12.00% | 54.00% | |
| 26 | 12 | 12.00% | 66.00% | |
| 27 | 7 | 7.00% | 73.00% | |
| 28 | 10 | 10.00% | 83.00% | |
| 29 | 6 | 6.00% | 89.00% | |
| 30 | 3 | 3.00% | 92.00% | |
| 31 | 1 | 1.00% | 93.00% | |
| 32 | 3 | 3.00% | 96.00% | |
| 33 | 2 | 2.00% | 98.00% | |
| 34 | 2 | 2.00% | 100.00% | |
| 35 | 0 | 0.00% | 100.00% | |
| 36 | 0 | 0.00% | 100.00% | |
| 37 | 0 | 0.00% | 100.00% | |
| 38 | 0 | 0.00% | 100.00% | |
| 39 | 0 | 0.00% | 100.00% | |
| 40 | 0 | 0.00% | 100.00% | |
| 41 | 0 | 0.00% | 100.00% | |
| 42 | 0 | 0.00% | 100.00% | |
| 43 | 0 | 0.00% | 100.00% | |
| 44 | 0 | 0.00% | 100.00% | |
| 45 | 0 | 0.00% | 100.00% | |
| 46 | 0 | 0.00% | 100.00% | |
| 47 | 0 | 0.00% | 100.00% | |
| 48 | 0 | 0.00% | 100.00% | |
| 49 | 0 | 0.00% | 100.00% | |
| 50 | 0 | 0.00% | 100.00% | |
| 51 | 0 | 0.00% | 100.00% | |
| 52 | 0 | 0.00% | 100.00% | |
| 53 | 0 | 0.00% | 100.00% | |
| 54 | 0 | 0.00% | 100.00% | |
| Totals: | 100 | 100.00% | | |

Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 25.4 | MPH |
| Sample Variance: | 12.55 | |
| Standard Deviation: | 3.5 | |
| Variance of the Mean: | 0.1255 | |
| Standard Error of the Mean: | 0.4 | |
| 10 MPH Pace: | 20 | To: 29 MPH |
| Percent in Pace: | 85.0% | |
| Vehicles in Pace: | 85 | |
| 50th Percentile Speed: | 25 | MPH |
| 85th Percentile Speed: | 29 | MPH |
| 90th Percentile Speed: | 30 | MPH |
| 95th Percentile Speed: | 32 | MPH |

Cumulative Frequency Distribution

Frequency Distribution

SPEED SURVEY FIELD SHEET

CITY OF SALINAS

SITE CODE
113

LOCATION Lincoln Ave. between W. Market St. and Clay St.

DATE 05/06 DAY Tuesday TIME 11:55 TO 12:40

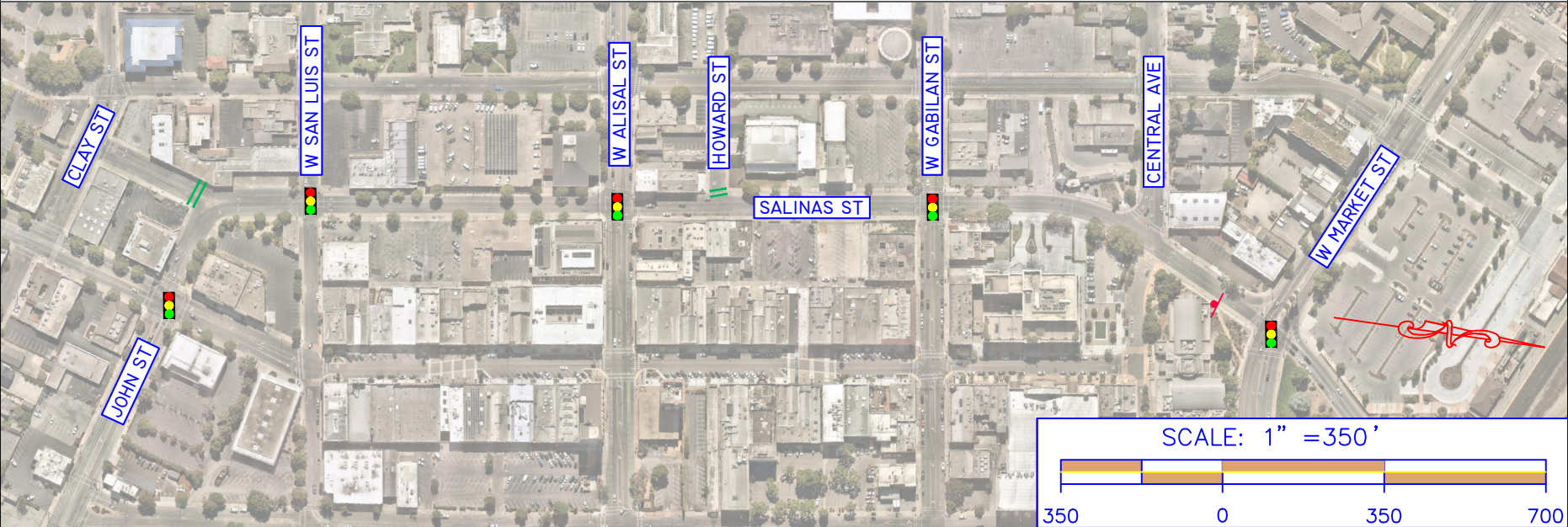
OBSERVER Rodolfo C. CALCULATED BY Alejandro M. WEATHER Sunny

| | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------------------|------|---|---|---|----|---|---|---|---|----|--|--|--|--|----|--|--|--|--|--|
| Direction: | | N.B. | | | | | | | | | | | | | | | | | | | |
| MPH | Number of Vehicles AWAY | | | | | | | | | | | | | | | | | | | | |
| | 5 | | | | | 10 | | | | | 15 | | | | | 20 | | | | | |
| 70 | | | | | | | | | | | | | | | | | | | | | |
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| 42 | | | | | | | | | | | | | | | | | | | | | |
| 41 | | | | | | | | | | | | | | | | | | | | | |
| 40 | X | | | | | | | | | | | | | | | | | | | | |
| 39 | | | | | | | | | | | | | | | | | | | | | |
| 38 | | | | | | | | | | | | | | | | | | | | | |
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| 34 | | | | | | | | | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | | | | | | | | | |
| 32 | X | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | |
| 30 | X | X | X | | | | | | | | | | | | | | | | | | |
| 29 | X | X | X | | | | | | | | | | | | | | | | | | |
| 28 | X | X | X | | | | | | | | | | | | | | | | | | |
| 27 | X | X | X | X | | | | | | | | | | | | | | | | | |
| 26 | X | X | X | X | X | | | | | | | | | | | | | | | | |
| 25 | X | X | X | X | X | X | | | X | X | | | | | | | | | | | |
| 24 | X | X | X | X | X | X | X | | | | | | | | | | | | | | |
| 23 | X | X | X | X | X | X | X | | | | | | | | | | | | | | |
| 22 | X | X | X | X | X | X | X | | | | | | | | | | | | | | |
| 21 | X | X | X | X | X | X | X | | | | | | | | | | | | | | |
| 20 | X | X | X | X | X | X | X | | | | | | | | | | | | | | |
| 19 | X | X | X | X | X | X | X | | | | | | | | | | | | | | |
| 18 | X | X | X | X | X | X | X | X | | | | | | | | | | | | | |
| 17 | X | X | X | X | X | X | X | | | | | | | | | | | | | | |
| 16 | X | X | X | X | X | X | X | | | | | | | | | | | | | | |
| 15 | X | X | X | X | X | X | X | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | |
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|------------|--------------------|------|---|---|----|---|---|---|----|---|---|---|----|---|---|---|--|-------|
| Direction: | | S.B. | | | | | | | | | | | | | | | | |
| MPH | Number of Vehicles | | | | | | | | | | | | | | | | | CLOSE |
| | 5 | | | | 10 | | | | 15 | | | | 20 | | | | | |
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| 33 | X | X | | | | | | | | | | | | | | | | |
| 32 | X | X | X | | | | | | | | | | | | | | | |
| 31 | X | X | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 29 | X | X | X | X | | | | | | | | | | | | | | |
| 28 | X | X | X | X | X | | | | | | | | | | | | | |
| 27 | X | X | X | X | X | X | | | | | | | | | | | | |
| 26 | X | X | X | X | X | X | X | | | | | | | | | | | |
| 25 | X | X | X | X | X | X | X | X | | | | | | | | | | |
| 24 | X | X | X | X | X | X | X | X | X | | | | | | | | | |
| 23 | X | X | X | X | X | X | X | X | X | X | | | | | | | | |
| 22 | X | X | X | X | X | X | X | X | X | X | X | | | | | | | |
| 21 | X | X | X | X | X | X | X | X | X | X | X | X | | | | | | |
| 20 | X | X | X | X | X | X | X | X | X | X | X | X | X | | | | | |
| 19 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| 18 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | | |
| 17 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | |
| 16 | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | |
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| 10 | | | | | | | | | | | | | | | | | | |

NUM



COMMENTS:

This segment of Salinas Street is classified as a major arterial in the City of Salinas General Plan. The surrounding land use includes mix and office use. Speed data was collected on April 25, 2025, revealed the 85th percentile speed of 22 mph. The 10 mph pace ranges from 15 mph to 24 mph and suggests the 85th percentile is within this range. More than 50% of the property contiguous to one side of Salinas Street is occupied by businesses, meeting the criteria of a business district as defined in Section 235 of the CVC. Section 22352 of the CVC sets the prima facie speed limit for business districts of 25 mph. Based on the surrounding land use, and the 10 mph pace range, and Section 22352 of the CVC, the existing posted speed limit of 25 mph should be retained.

| AREA | DESCRIPTION | MAP SYMBOL |  |
|--|---------------------------|--|---|
| Distance | Approximately 2,700 Feet |  ALL-WAY STOP | |
| Vertical Alignment | Flat |  SIGNAL | |
| Street Width | 42 Feet |  SPEED LIMIT SIGN | |
| No. Lanes and Median | 3-Lane Major Arterial |  CITY LIMITS | |
| Proposed Speed Zone | 25 MPH |  CROSSWALK | |
| 85th Percentile Speed | 22 MPH |  SCHOOL CROSSWALK | |
| Traffic Volume (Date) | 7,853 (2024) | | |
| Accident Data (2 years) | 10 Collisions (2022-2023) | | |
| Street Segment Collision Rate = $\frac{\text{Collisions}}{\text{Years}} \frac{1,000,000}{\text{ADT} \times \text{Length in Miles}}$ | 3.41 Acc./MVM | | |



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | |
|------------------|----------------------------------|------------|-------|-----------|
| Street: | Salinas Street | Direction: | SBD | Comments: |
| Between: | West Market Street & Clay Street | No. 114 | | |
| Survey Location: | Salinas Street & John Street | | | |
| Speed Limit: | 25 MPH | | | |
| Date: | 04/25/25 | | | |
| Hours: | From: 03:57 | To: | 04:37 | |
| Weather: | Sunny | | | |
| Observer(s): | Sean L. & Eva H. | | | |

| MPH | Frequency | Percent | Cumulative % | |
|---------|-----------|---------|--------------|--|
| 10 | 0 | 0.00% | 0.00% | |
| 11 | 0 | 0.00% | 0.00% | |
| 12 | 0 | 0.00% | 0.00% | |
| 13 | 0 | 0.00% | 0.00% | |
| 14 | 1 | 2.00% | 2.00% | |
| 15 | 2 | 4.00% | 6.00% | |
| 16 | 2 | 4.00% | 10.00% | |
| 17 | 2 | 4.00% | 14.00% | |
| 18 | 5 | 10.00% | 24.00% | |
| 19 | 5 | 10.00% | 34.00% | |
| 20 | 9 | 18.00% | 52.00% | |
| 21 | 7 | 14.00% | 66.00% | |
| 22 | 5 | 10.00% | 76.00% | |
| 23 | 8 | 16.00% | 92.00% | |
| 24 | 3 | 6.00% | 98.00% | |
| 25 | 1 | 2.00% | 100.00% | |
| 26 | 0 | 0.00% | 100.00% | |
| 27 | 0 | 0.00% | 100.00% | |
| 28 | 0 | 0.00% | 100.00% | |
| 29 | 0 | 0.00% | 100.00% | |
| 30 | 0 | 0.00% | 100.00% | |
| 31 | 0 | 0.00% | 100.00% | |
| 32 | 0 | 0.00% | 100.00% | |
| 33 | 0 | 0.00% | 100.00% | |
| 34 | 0 | 0.00% | 100.00% | |
| 35 | 0 | 0.00% | 100.00% | |
| 36 | 0 | 0.00% | 100.00% | |
| 37 | 0 | 0.00% | 100.00% | |
| 38 | 0 | 0.00% | 100.00% | |
| 39 | 0 | 0.00% | 100.00% | |
| 40 | 0 | 0.00% | 100.00% | |
| 41 | 0 | 0.00% | 100.00% | |
| 42 | 0 | 0.00% | 100.00% | |
| 43 | 0 | 0.00% | 100.00% | |
| 44 | 0 | 0.00% | 100.00% | |
| 45 | 0 | 0.00% | 100.00% | |
| 46 | 0 | 0.00% | 100.00% | |
| 47 | 0 | 0.00% | 100.00% | |
| 48 | 0 | 0.00% | 100.00% | |
| 49 | 0 | 0.00% | 100.00% | |
| 50 | 0 | 0.00% | 100.00% | |
| 51 | 0 | 0.00% | 100.00% | |
| 52 | 0 | 0.00% | 100.00% | |
| 53 | 0 | 0.00% | 100.00% | |
| 54 | 0 | 0.00% | 100.00% | |
| Totals: | 50 | 100.00% | | |

Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 20.3 | MPH |
| Sample Variance: | 6.73 | |
| Standard Deviation: | 2.6 | |
| Variance of the Mean: | 0.1346 | |
| Standard Error of the Mean: | 0.4 | |
| 10 MPH Pace: | 15 | To: 24 MPH |
| Percent in Pace: | 96.0% | |
| Vehicles in Pace: | 48 | |
| 50th Percentile Speed: | 20 | MPH |
| 85th Percentile Speed: | 23 | MPH |
| 90th Percentile Speed: | 23 | MPH |
| 95th Percentile Speed: | 24 | MPH |

Cumulative Frequency Distribution

Frequency Distribution



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | | |
|-------------------------|---|-------------------|----------------|------------------|--|
| Street: | <u>Salinas Street</u> | Direction: | <u>NBD/SBD</u> | Comments: | |
| Between: | <u>West Market Street & Clay Street</u> | No. 114 | | | |
| Survey Location: | <u>Salinas Street & John Street</u> | | | | |
| Speed Limit: | <u>25</u> MPH | | | | |
| Date: | <u>04/25/25</u> | | | | |
| Hours: | From: | <u>03:57</u> | To: | <u>04:37</u> | |
| Weather: | <u>Sunny</u> | | | | |
| Observer(s): | <u>Sean L. & Eva H.</u> | | | | |

| MPH | Frequency | Percent | Cumulative % | Data Analysis: | | | |
|---------|-----------|---------|--------------|---|--|--|--|
| 10 | 0 | 0.00% | 0.00% | <div>Time Mean Speed: 19.4 MPH</div> <div>Sample Variance: 7.29</div> <div>Standard Deviation: 2.7</div> <div>Variance of the Mean: 0.0729</div> <div>Standard Error of the Mean: 0.3</div> <div>10 MPH Pace: 15 To: 24 MPH</div> <div>Percent in Pace: 96.0%</div> <div>Vehicles in Pace: 96</div> <div>50th Percentile Speed: 20 MPH</div> <div>85th Percentile Speed: 22 MPH</div> <div>90th Percentile Speed: 23 MPH</div> <div>95th Percentile Speed: 24 MPH</div> | | | |
| 11 | 0 | 0.00% | 0.00% | | | | |
| 12 | 0 | 0.00% | 0.00% | | | | |
| 13 | 0 | 0.00% | 0.00% | | | | |
| 14 | 3 | 3.00% | 3.00% | | | | |
| 15 | 6 | 6.00% | 9.00% | | | | |
| 16 | 10 | 10.00% | 19.00% | | | | |
| 17 | 7 | 7.00% | 26.00% | | | | |
| 18 | 10 | 10.00% | 36.00% | | | | |
| 19 | 9 | 9.00% | 45.00% | | | | |
| 20 | 20 | 20.00% | 65.00% | | | | |
| 21 | 13 | 13.00% | 78.00% | | | | |
| 22 | 7 | 7.00% | 85.00% | | | | |
| 23 | 9 | 9.00% | 94.00% | | | | |
| 24 | 5 | 5.00% | 99.00% | | | | |
| 25 | 1 | 1.00% | 100.00% | | | | |
| 26 | 0 | 0.00% | 100.00% | | | | |
| 27 | 0 | 0.00% | 100.00% | | | | |
| 28 | 0 | 0.00% | 100.00% | | | | |
| 29 | 0 | 0.00% | 100.00% | | | | |
| 30 | 0 | 0.00% | 100.00% | | | | |
| 31 | 0 | 0.00% | 100.00% | | | | |
| 32 | 0 | 0.00% | 100.00% | | | | |
| 33 | 0 | 0.00% | 100.00% | | | | |
| 34 | 0 | 0.00% | 100.00% | | | | |
| 35 | 0 | 0.00% | 100.00% | | | | |
| 36 | 0 | 0.00% | 100.00% | | | | |
| 37 | 0 | 0.00% | 100.00% | | | | |
| 38 | 0 | 0.00% | 100.00% | | | | |
| 39 | 0 | 0.00% | 100.00% | | | | |
| 40 | 0 | 0.00% | 100.00% | | | | |
| 41 | 0 | 0.00% | 100.00% | | | | |
| 42 | 0 | 0.00% | 100.00% | | | | |
| 43 | 0 | 0.00% | 100.00% | | | | |
| 44 | 0 | 0.00% | 100.00% | | | | |
| 45 | 0 | 0.00% | 100.00% | | | | |
| 46 | 0 | 0.00% | 100.00% | | | | |
| 47 | 0 | 0.00% | 100.00% | | | | |
| 48 | 0 | 0.00% | 100.00% | | | | |
| 49 | 0 | 0.00% | 100.00% | | | | |
| 50 | 0 | 0.00% | 100.00% | | | | |
| 51 | 0 | 0.00% | 100.00% | | | | |
| 52 | 0 | 0.00% | 100.00% | | | | |
| 53 | 0 | 0.00% | 100.00% | | | | |
| 54 | 0 | 0.00% | 100.00% | | | | |
| Totals: | 100 | 100.00% | | | | | |

Cumulative Frequency Distribution

This graph plots Cumulative Frequency (0% to 110%) against Spot Speed MPH (10 to 54). The curve starts at 0% for 10 MPH, rises steeply between 14 and 24 MPH, and plateaus at 100% from 26 MPH onwards.

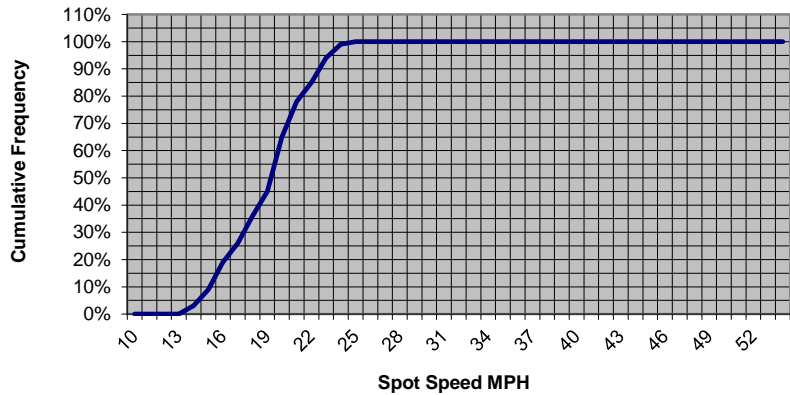
| Spot Speed MPH | Cumulative Frequency (%) |
|----------------|--------------------------|
| 10 | 0.00 |
| 11 | 0.00 |
| 12 | 0.00 |
| 13 | 0.00 |
| 14 | 3.00 |
| 15 | 9.00 |
| 16 | 19.00 |
| 17 | 26.00 |
| 18 | 36.00 |
| 19 | 45.00 |
| 20 | 65.00 |
| 21 | 78.00 |
| 22 | 85.00 |
| 23 | 94.00 |
| 24 | 99.00 |
| 25 | 100.00 |
| 26-54 | 100.00 |

Frequency Distribution

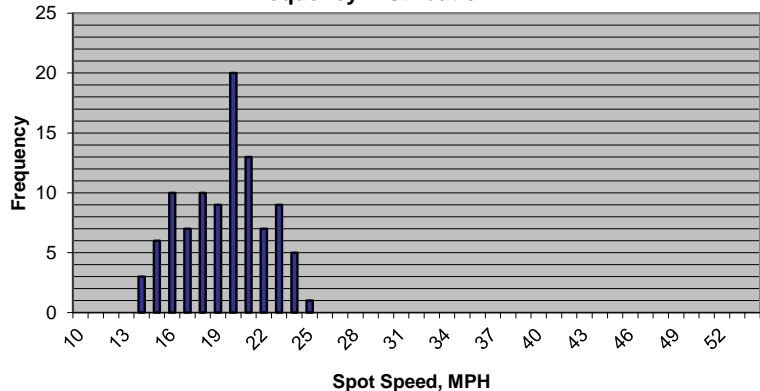
This histogram shows the frequency of vehicles at each speed. The distribution is roughly bell-shaped, centered around 20 MPH with a peak frequency of 20 vehicles.

| Spot Speed, MPH | Frequency |
|-----------------|-----------|
| 14 | 3 |
| 15 | 6 |
| 16 | 10 |
| 17 | 7 |
| 18 | 10 |
| 19 | 9 |
| 20 | 20 |
| 21 | 13 |
| 22 | 7 |
| 23 | 7 |
| 24 | 9 |
| 25 | 5 |
| 26 | 1 |

Cumulative Frequency Distribution



Frequency Distribution



SITE CODE
 114

SPEED SURVEY FIELD SHEET

CITY OF SALINAS

LOCATION Salinas St. between W. Market St. and Clay St.

DATE 04/25/25 DAY Friday

TIME 3:57 TO 4:37

OBSERVER Sean L.

CALCULATED BY _____

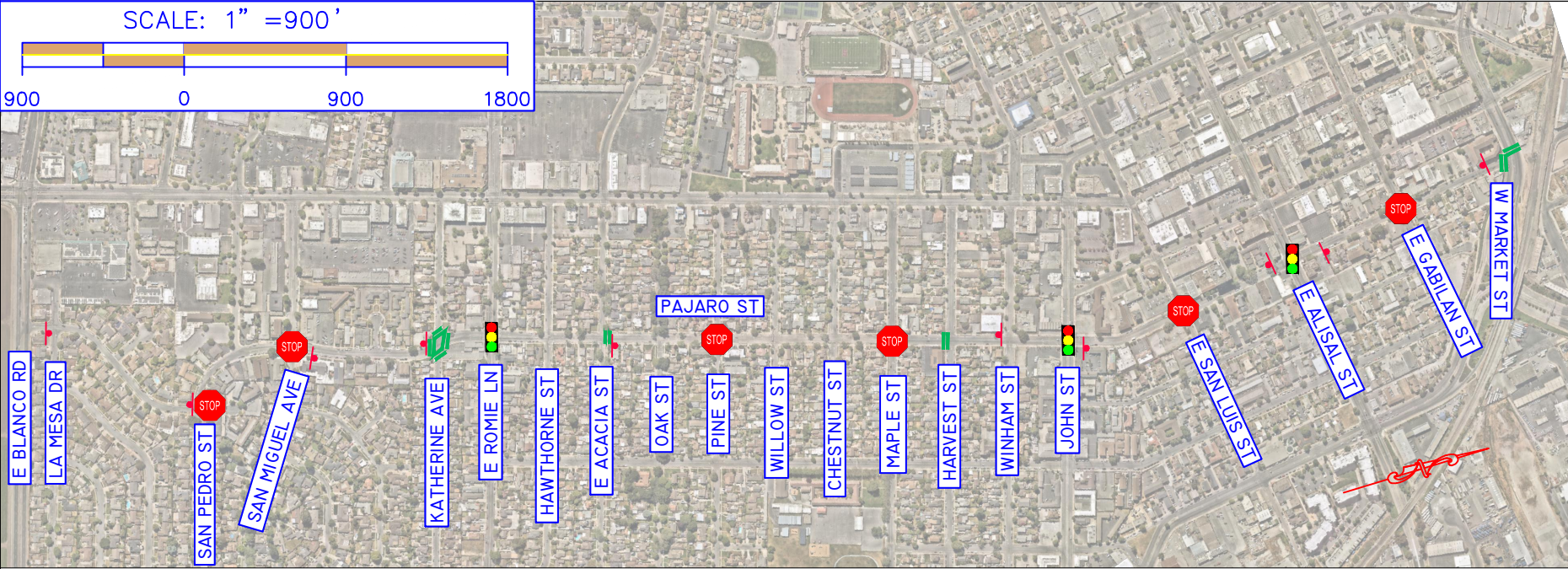
WEATHER _____

oncoming
 Direction: N.B.

| MPH | Number of Vehicles | | | |
|-----|--------------------|----|----|----|
| | 5 | 10 | 15 | 20 |
| 70 | | | | |
| 69 | | | | |
| 68 | | | | |
| 67 | | | | |
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| 14 | / | / | / | / |
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| 12 | / | / | / | / |
| 11 | / | / | / | / |
| 10 | / | / | / | / |








going
 Direction: S.B.

| MPH | Number of Vehicles | | | |
|-----|--------------------|----|----|----|
| | 5 | 10 | 15 | 20 |
| 70 | | | | |
| 69 | | | | |
| 68 | | | | |
| 67 | | | | |
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| 13 | / | / | / | / |
| 12 | / | / | / | / |
| 11 | / | / | / | / |
| 10 | / | / | / | / |



COMMENTS:

This segment of Pajaro Street is classified as a minor arterial in the City of Salinas General Plan. The surrounding land use includes fronting residential homes and office use. Speed data collected on April 25, 2025, revealed the 85th percentile speed of 31 mph. The 10 mph pace ranges from 23 mph to 32 mph and suggests the 85th percentile is within this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speeds rounded down and reduced by 5 mph per MUTCD option 1, the existing posted speed limit of 25 mph should be retained.

| AREA | DESCRIPTION | MAP SYMBOL |  |
|---|---------------------------|---|---|
| Distance | Approximately 8,950 Feet | <div> ALL-WAY STOP</div> <div> SIGNAL</div> <div> SPEED LIMIT SIGN</div> <div> CITY LIMITS</div> <div> CROSSWALK</div> <div> SCHOOL CROSSWALK</div> | |
| Vertical Alignment | Flat | | |
| Street Width | 48 Feet | | |
| No. Lanes and Median | 2-Lane Minor Arterial | | |
| Proposed Speed Zone | 25 MPH | | |
| 85 th Percentile Speed | 31 MPH | | |
| Traffic Volume (Date) | 6,598 (2025) | | |
| Accident Data (2 years) | 30 Collisions (2022-2023) | | |
| Street Segment Collision Rate = $\frac{\text{Collisions}}{\text{Years}} \times \frac{1,000,000}{\text{ADT} \times \text{Length in Miles}}$ | 3.67 Acc./MVM | | |



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | | |
|------------------|---------------------------------------|--------------------------|-------|--|--|
| Street: | Pajaro Street | Direction: | NBD | | |
| Between: | East Market Street & East Blanco Road | Comments: No. 116 | | | |
| Survey Location: | Pajaro Street & East Acacia Street | | | | |
| Speed Limit: | 25 MPH | | | | |
| Date: | 04/25/25 | | | | |
| Hours: | From: 03:26 | To: | 03:40 | | |
| Weather: | Sunny | | | | |
| Observer(s): | Sean L. & Eva H. | | | | |

| MPH | Frequency | Percent | Cumulative % | |
|---------|-----------|---------|--------------|--|
| 10 | 0 | 0.00% | 0.00% | |
| 11 | 0 | 0.00% | 0.00% | |
| 12 | 0 | 0.00% | 0.00% | |
| 13 | 0 | 0.00% | 0.00% | |
| 14 | 0 | 0.00% | 0.00% | |
| 15 | 0 | 0.00% | 0.00% | |
| 16 | 0 | 0.00% | 0.00% | |
| 17 | 0 | 0.00% | 0.00% | |
| 18 | 0 | 0.00% | 0.00% | |
| 19 | 0 | 0.00% | 0.00% | |
| 20 | 0 | 0.00% | 0.00% | |
| 21 | 0 | 0.00% | 0.00% | |
| 22 | 0 | 0.00% | 0.00% | |
| 23 | 7 | 14.00% | 14.00% | |
| 24 | 2 | 4.00% | 18.00% | |
| 25 | 7 | 14.00% | 32.00% | |
| 26 | 10 | 20.00% | 52.00% | |
| 27 | 6 | 12.00% | 64.00% | |
| 28 | 4 | 8.00% | 72.00% | |
| 29 | 4 | 8.00% | 80.00% | |
| 30 | 1 | 2.00% | 82.00% | |
| 31 | 3 | 6.00% | 88.00% | |
| 32 | 2 | 4.00% | 92.00% | |
| 33 | 4 | 8.00% | 100.00% | |
| 34 | 0 | 0.00% | 100.00% | |
| 35 | 0 | 0.00% | 100.00% | |
| 36 | 0 | 0.00% | 100.00% | |
| 37 | 0 | 0.00% | 100.00% | |
| 38 | 0 | 0.00% | 100.00% | |
| 39 | 0 | 0.00% | 100.00% | |
| 40 | 0 | 0.00% | 100.00% | |
| 41 | 0 | 0.00% | 100.00% | |
| 42 | 0 | 0.00% | 100.00% | |
| 43 | 0 | 0.00% | 100.00% | |
| 44 | 0 | 0.00% | 100.00% | |
| 45 | 0 | 0.00% | 100.00% | |
| 46 | 0 | 0.00% | 100.00% | |
| 47 | 0 | 0.00% | 100.00% | |
| 48 | 0 | 0.00% | 100.00% | |
| 49 | 0 | 0.00% | 100.00% | |
| 50 | 0 | 0.00% | 100.00% | |
| 51 | 0 | 0.00% | 100.00% | |
| 52 | 0 | 0.00% | 100.00% | |
| 53 | 0 | 0.00% | 100.00% | |
| 54 | 0 | 0.00% | 100.00% | |
| Totals: | 50 | 100.00% | | |

Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 27.1 | MPH |
| Sample Variance: | 8.96 | |
| Standard Deviation: | 3.0 | |
| Variance of the Mean: | 0.1792 | |
| Standard Error of the Mean: | 0.4 | |
| 10 MPH Pace: | 23 | To: 32 MPH |
| Percent in Pace: | 92.0% | |
| Vehicles in Pace: | 46 | |
| 50th Percentile Speed: | 26 | MPH |
| 85th Percentile Speed: | 31 | MPH |
| 90th Percentile Speed: | 32 | MPH |
| 95th Percentile Speed: | 33 | MPH |

Cumulative Frequency Distribution

Frequency Distribution



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

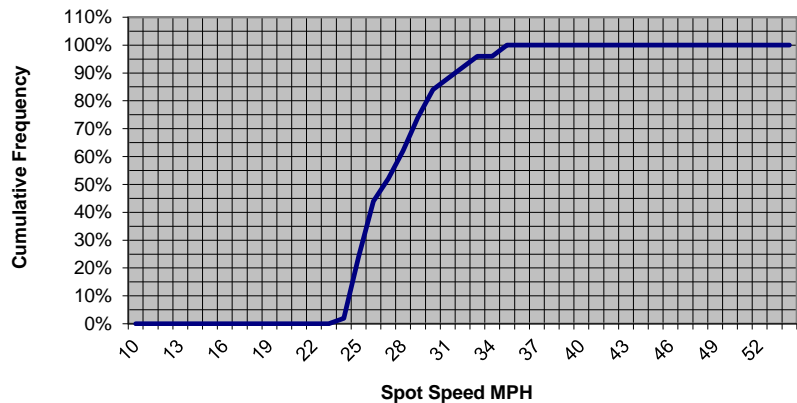
| | | | | |
|------------------|---------------------------------------|------------|-------|-----------|
| Street: | Pajaro Street | Direction: | SBD | Comments: |
| Between: | East Market Street & East Blanco Road | No. 116 | | |
| Survey Location: | Pajaro Street & East Acacia Street | | | |
| Speed Limit: | 25 MPH | | | |
| Date: | 04/25/25 | | | |
| Hours: | From: 03:26 | To: | 03:40 | |
| Weather: | Sunny | | | |
| Observer(s): | Sean L. & Eva H. | | | |

| MPH | Frequency | Percent | Cumulative % |
|---------|-----------|---------|--------------|
| 10 | 0 | 0.00% | 0.00% |
| 11 | 0 | 0.00% | 0.00% |
| 12 | 0 | 0.00% | 0.00% |
| 13 | 0 | 0.00% | 0.00% |
| 14 | 0 | 0.00% | 0.00% |
| 15 | 0 | 0.00% | 0.00% |
| 16 | 0 | 0.00% | 0.00% |
| 17 | 0 | 0.00% | 0.00% |
| 18 | 0 | 0.00% | 0.00% |
| 19 | 0 | 0.00% | 0.00% |
| 20 | 0 | 0.00% | 0.00% |
| 21 | 0 | 0.00% | 0.00% |
| 22 | 0 | 0.00% | 0.00% |
| 23 | 0 | 0.00% | 0.00% |
| 24 | 1 | 2.00% | 2.00% |
| 25 | 11 | 22.00% | 24.00% |
| 26 | 10 | 20.00% | 44.00% |
| 27 | 4 | 8.00% | 52.00% |
| 28 | 5 | 10.00% | 62.00% |
| 29 | 6 | 12.00% | 74.00% |
| 30 | 5 | 10.00% | 84.00% |
| 31 | 2 | 4.00% | 88.00% |
| 32 | 2 | 4.00% | 92.00% |
| 33 | 2 | 4.00% | 96.00% |
| 34 | 0 | 0.00% | 96.00% |
| 35 | 2 | 4.00% | 100.00% |
| 36 | 0 | 0.00% | 100.00% |
| 37 | 0 | 0.00% | 100.00% |
| 38 | 0 | 0.00% | 100.00% |
| 39 | 0 | 0.00% | 100.00% |
| 40 | 0 | 0.00% | 100.00% |
| 41 | 0 | 0.00% | 100.00% |
| 42 | 0 | 0.00% | 100.00% |
| 43 | 0 | 0.00% | 100.00% |
| 44 | 0 | 0.00% | 100.00% |
| 45 | 0 | 0.00% | 100.00% |
| 46 | 0 | 0.00% | 100.00% |
| 47 | 0 | 0.00% | 100.00% |
| 48 | 0 | 0.00% | 100.00% |
| 49 | 0 | 0.00% | 100.00% |
| 50 | 0 | 0.00% | 100.00% |
| 51 | 0 | 0.00% | 100.00% |
| 52 | 0 | 0.00% | 100.00% |
| 53 | 0 | 0.00% | 100.00% |
| 54 | 0 | 0.00% | 100.00% |
| Totals: | 50 | 100.00% | |

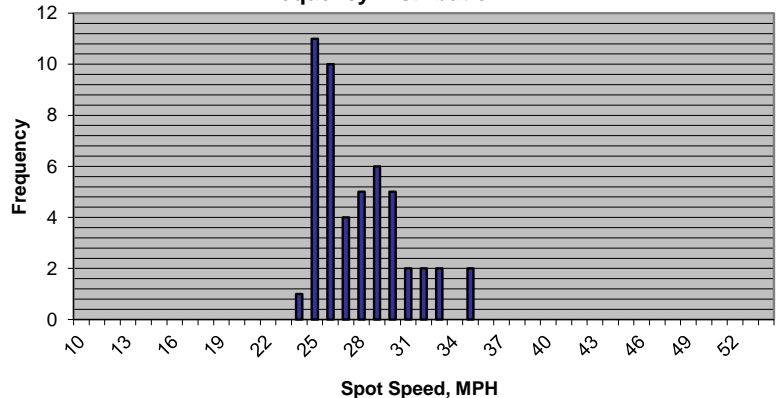
Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 27.9 | MPH |
| Sample Variance: | 7.80 | |
| Standard Deviation: | 2.8 | |
| Variance of the Mean: | 0.1560 | |
| Standard Error of the Mean: | 0.4 | |
| 10 MPH Pace: | 24 | To: 33 MPH |
| Percent in Pace: | 96.0% | |
| Vehicles in Pace: | 48 | |
| 50th Percentile Speed: | 27 | MPH |
| 85th Percentile Speed: | 31 | MPH |
| 90th Percentile Speed: | 32 | MPH |
| 95th Percentile Speed: | 33 | MPH |

Cumulative Frequency Distribution



Frequency Distribution





CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

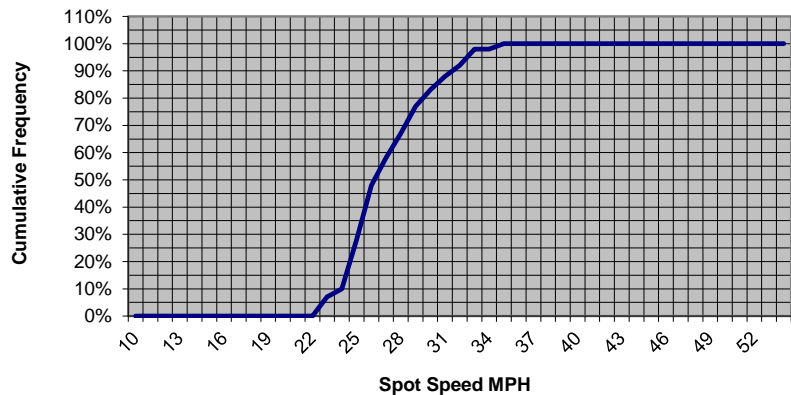
| | | | | |
|------------------|---------------------------------------|------------|---------|-----------|
| Street: | Pajaro Street | Direction: | NBD/SBD | Comments: |
| Between: | East Market Street & East Blanco Road | | | No. 116 |
| Survey Location: | Pajaro Street & East Acacia Street | | | |
| Speed Limit: | 25 MPH | | | |
| Date: | 04/25/25 | | | |
| Hours: | From: | 03:26 | To: | 03:40 |
| Weather: | Sunny | | | |
| Observer(s): | Sean L. & Eva H. | | | |

| MPH | Frequency | Percent | Cumulative % |
|---------|-----------|---------|--------------|
| 10 | 0 | 0.00% | 0.00% |
| 11 | 0 | 0.00% | 0.00% |
| 12 | 0 | 0.00% | 0.00% |
| 13 | 0 | 0.00% | 0.00% |
| 14 | 0 | 0.00% | 0.00% |
| 15 | 0 | 0.00% | 0.00% |
| 16 | 0 | 0.00% | 0.00% |
| 17 | 0 | 0.00% | 0.00% |
| 18 | 0 | 0.00% | 0.00% |
| 19 | 0 | 0.00% | 0.00% |
| 20 | 0 | 0.00% | 0.00% |
| 21 | 0 | 0.00% | 0.00% |
| 22 | 0 | 0.00% | 0.00% |
| 23 | 7 | 7.00% | 7.00% |
| 24 | 3 | 3.00% | 10.00% |
| 25 | 18 | 18.00% | 28.00% |
| 26 | 20 | 20.00% | 48.00% |
| 27 | 10 | 10.00% | 58.00% |
| 28 | 9 | 9.00% | 67.00% |
| 29 | 10 | 10.00% | 77.00% |
| 30 | 6 | 6.00% | 83.00% |
| 31 | 5 | 5.00% | 88.00% |
| 32 | 4 | 4.00% | 92.00% |
| 33 | 6 | 6.00% | 98.00% |
| 34 | 0 | 0.00% | 98.00% |
| 35 | 2 | 2.00% | 100.00% |
| 36 | 0 | 0.00% | 100.00% |
| 37 | 0 | 0.00% | 100.00% |
| 38 | 0 | 0.00% | 100.00% |
| 39 | 0 | 0.00% | 100.00% |
| 40 | 0 | 0.00% | 100.00% |
| 41 | 0 | 0.00% | 100.00% |
| 42 | 0 | 0.00% | 100.00% |
| 43 | 0 | 0.00% | 100.00% |
| 44 | 0 | 0.00% | 100.00% |
| 45 | 0 | 0.00% | 100.00% |
| 46 | 0 | 0.00% | 100.00% |
| 47 | 0 | 0.00% | 100.00% |
| 48 | 0 | 0.00% | 100.00% |
| 49 | 0 | 0.00% | 100.00% |
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| 51 | 0 | 0.00% | 100.00% |
| 52 | 0 | 0.00% | 100.00% |
| 53 | 0 | 0.00% | 100.00% |
| 54 | 0 | 0.00% | 100.00% |
| Totals: | 100 | 100.00% | |

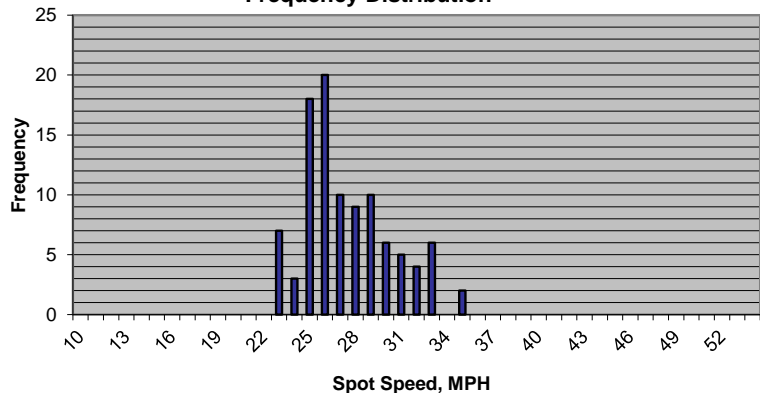
Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 27.5 | MPH |
| Sample Variance: | 8.45 | |
| Standard Deviation: | 2.9 | |
| Variance of the Mean: | 0.0845 | |
| Standard Error of the Mean: | 0.3 | |
| 10 MPH Pace: | 23 | To: 32 MPH |
| Percent in Pace: | 92.0% | |
| Vehicles in Pace: | 92 | |
| 50th Percentile Speed: | 27 | MPH |
| 85th Percentile Speed: | 31 | MPH |
| 90th Percentile Speed: | 32 | MPH |
| 95th Percentile Speed: | 33 | MPH |

Cumulative Frequency Distribution



Frequency Distribution



SITE CODE

116

SPEED SURVEY FIELD SHEET

CITY OF SALINAS

LOCATION

Pajaro St. between E. Market St. and E. Blanco Rd.

DATE

04/25/25 DAY Friday

TIME

3:26 TO 3:40

OBSERVER

Sean L.

CALCULATED BY

WEATHER

Sunny

Direction: gway N.B.

| MPH | Number of Vehicles | | | |
|-----|--------------------|----|----|----|
| | 5 | 10 | 15 | 20 |
| 70 | | | | |
| 69 | | | | |
| 68 | | | | |
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| 11 | | | | |
| 10 | | | | |








Direction: oncoming S.B.

| MPH | Number of Vehicles | | | |
|-----|--------------------|----|----|----|
| | 5 | 10 | 15 | 20 |
| 70 | | | | |
| 69 | | | | |
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| 12 | | | | |
| 11 | | | | |
| 10 | | | | |



COMMENTS:

This segment of Hebbron Avenue is classified as a collector in the City of Salinas General Plan. The surrounding land use includes fronting residential homes and office areas. Speed data collected on June 4, 2025, revealed the 85th percentile speed of 28 mph. The 10 mph pace ranges from 20 mph to 29 mph and suggests the 85th percentile is within this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speeds rounded up and reduced by 5 mph per MUTCD option 2, the existing posted speed limit of 25 mph should be retained.

| AREA | DESCRIPTION | MAP SYMBOL |  |
|---|--------------------------|---|---|
| Distance | Approximately 2,450 Feet | <div><div> ALL-WAY STOP</div><div> SIGNAL</div><div> SPEED LIMIT SIGN</div><div> CITY LIMITS</div><div> CROSSWALK</div><div> SCHOOL CROSSWALK</div></div> | |
| Vertical Alignment | Flat | | |
| Street Width | Varies (36 to 42 Feet) | | |
| No. Lanes and Median | 2-Lane Collector | | |
| Proposed Speed Zone | 25 MPH | | |
| 85 th Percentile Speed | 28 MPH | | |
| Traffic Volume (Date) | 4,988 (2025) | | |
| Accident Data (2 years) | 3 Collisions (2022-2023) | | |
| Street Segment Collision Rate = $\frac{\text{Collisions}}{\text{Years}} \times \frac{1,000,000}{\text{ADT} \times \text{Length in Miles}}$ | 1.78 Acc./MVM | | |



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | | | |
|------------------|---|------------|------------|-----------|------|------------------|
| Street: | <u>Hebbron Avenue</u> | Direction: | <u>NBD</u> | Comments: | | |
| Between: | <u>East Market Street & John Street</u> | No. 117 | | | | |
| Survey Location: | <u>700 North Hebbron Avenue</u> | | | | | |
| Speed Limit: | <u>25</u> MPH | | | | | |
| Date: | <u>06/04/25</u> | | | | Day: | <u>Wednesday</u> |
| Hours: From: | <u>02:30</u> | | | | To: | <u>03:23</u> |
| Weather: | <u>Sunny</u> | | | | | |
| Observer(s): | <u>Rodolfo C</u> | | | | | |

| MPH | Frequency | Percent | Cumulative % | |
|---------|-----------|---------|--------------|--|
| 10 | 0 | 0.00% | 0.00% | Data Analysis: |
| 11 | 0 | 0.00% | 0.00% | |
| 12 | 0 | 0.00% | 0.00% | |
| 13 | 0 | 0.00% | 0.00% | |
| 14 | 0 | 0.00% | 0.00% | |
| 15 | 0 | 0.00% | 0.00% | |
| 16 | 1 | 2.00% | 2.00% | |
| 17 | 0 | 0.00% | 2.00% | |
| 18 | 0 | 0.00% | 2.00% | |
| 19 | 0 | 0.00% | 2.00% | |
| 20 | 2 | 4.00% | 6.00% | Time Mean Speed: <u>24.9</u> MPH |
| 21 | 4 | 8.00% | 14.00% | Sample Variance: <u>14.24</u> |
| 22 | 4 | 8.00% | 22.00% | Standard Deviation: <u>3.8</u> |
| 23 | 6 | 12.00% | 34.00% | Variance of the Mean: <u>0.2848</u> |
| 24 | 7 | 14.00% | 48.00% | Standard Error of the Mean: <u>0.5</u> |
| 25 | 5 | 10.00% | 58.00% | 10 MPH Pace: <u>20</u> To: <u>29</u> MPH |
| 26 | 8 | 16.00% | 74.00% | Percent in Pace: <u>90.0%</u> |
| 27 | 7 | 14.00% | 88.00% | Vehicles in Pace: <u>45</u> |
| 28 | 1 | 2.00% | 90.00% | 50th Percentile Speed: <u>25</u> MPH |
| 29 | 1 | 2.00% | 92.00% | 85th Percentile Speed: <u>27</u> MPH |
| 30 | 2 | 4.00% | 96.00% | 90th Percentile Speed: <u>28</u> MPH |
| 31 | 1 | 2.00% | 98.00% | 95th Percentile Speed: <u>30</u> MPH |
| 32 | 0 | 0.00% | 98.00% | |
| 33 | 0 | 0.00% | 98.00% | |
| 34 | 0 | 0.00% | 98.00% | |
| 35 | 0 | 0.00% | 98.00% | |
| 36 | 0 | 0.00% | 98.00% | |
| 37 | 0 | 0.00% | 98.00% | |
| 38 | 0 | 0.00% | 98.00% | |
| 39 | 0 | 0.00% | 98.00% | |
| 40 | 0 | 0.00% | 98.00% | |
| 41 | 0 | 0.00% | 98.00% | |
| 42 | 1 | 2.00% | 100.00% | |
| 43 | 0 | 0.00% | 100.00% | |
| 44 | 0 | 0.00% | 100.00% | |
| 45 | 0 | 0.00% | 100.00% | |
| 46 | 0 | 0.00% | 100.00% | |
| 47 | 0 | 0.00% | 100.00% | |
| 48 | 0 | 0.00% | 100.00% | |
| 49 | 0 | 0.00% | 100.00% | |
| 50 | 0 | 0.00% | 100.00% | |
| 51 | 0 | 0.00% | 100.00% | |
| 52 | 0 | 0.00% | 100.00% | |
| 53 | 0 | 0.00% | 100.00% | |
| 54 | 0 | 0.00% | 100.00% | |
| Totals: | 50 | 100.00% | | |

Cumulative Frequency Distribution

Frequency Distribution



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

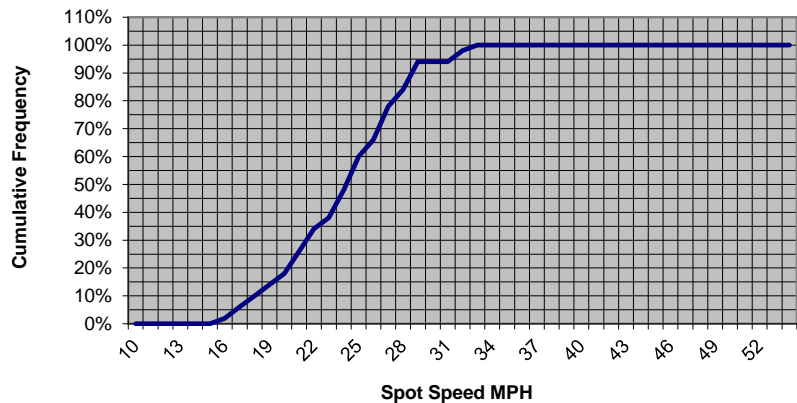
| | | | | |
|------------------|---|------------|------------------|--|
| Street: | <u>Hebbron Avenue</u> | Direction: | <u>SBD</u> | Comments: <div style="border: 1px solid black; padding: 2px; margin-top: 10px;">No. 117</div> |
| Between: | <u>East Market Street & John Street</u> | | | |
| Survey Location: | <u>700 North Hebbron Avenue</u> | | | |
| Speed Limit: | <u>25</u> MPH | | | |
| Date: | <u>06/04/25</u> | Day: | <u>Wednesday</u> | |
| Hours: | From: <u>02:30</u> | To: | <u>03:23</u> | |
| Weather: | <u>Sunny</u> | | | |
| Observer(s): | <u>Rodolfo C</u> | | | |

| MPH | Frequency | Percent | Cumulative % |
|---------|-----------|---------|--------------|
| 10 | 0 | 0.00% | 0.00% |
| 11 | 0 | 0.00% | 0.00% |
| 12 | 0 | 0.00% | 0.00% |
| 13 | 0 | 0.00% | 0.00% |
| 14 | 0 | 0.00% | 0.00% |
| 15 | 0 | 0.00% | 0.00% |
| 16 | 1 | 2.00% | 2.00% |
| 17 | 2 | 4.00% | 6.00% |
| 18 | 2 | 4.00% | 10.00% |
| 19 | 2 | 4.00% | 14.00% |
| 20 | 2 | 4.00% | 18.00% |
| 21 | 4 | 8.00% | 26.00% |
| 22 | 4 | 8.00% | 34.00% |
| 23 | 2 | 4.00% | 38.00% |
| 24 | 5 | 10.00% | 48.00% |
| 25 | 6 | 12.00% | 60.00% |
| 26 | 3 | 6.00% | 66.00% |
| 27 | 6 | 12.00% | 78.00% |
| 28 | 3 | 6.00% | 84.00% |
| 29 | 5 | 10.00% | 94.00% |
| 30 | 0 | 0.00% | 94.00% |
| 31 | 0 | 0.00% | 94.00% |
| 32 | 2 | 4.00% | 98.00% |
| 33 | 1 | 2.00% | 100.00% |
| 34 | 0 | 0.00% | 100.00% |
| 35 | 0 | 0.00% | 100.00% |
| 36 | 0 | 0.00% | 100.00% |
| 37 | 0 | 0.00% | 100.00% |
| 38 | 0 | 0.00% | 100.00% |
| 39 | 0 | 0.00% | 100.00% |
| 40 | 0 | 0.00% | 100.00% |
| 41 | 0 | 0.00% | 100.00% |
| 42 | 0 | 0.00% | 100.00% |
| 43 | 0 | 0.00% | 100.00% |
| 44 | 0 | 0.00% | 100.00% |
| 45 | 0 | 0.00% | 100.00% |
| 46 | 0 | 0.00% | 100.00% |
| 47 | 0 | 0.00% | 100.00% |
| 48 | 0 | 0.00% | 100.00% |
| 49 | 0 | 0.00% | 100.00% |
| 50 | 0 | 0.00% | 100.00% |
| 51 | 0 | 0.00% | 100.00% |
| 52 | 0 | 0.00% | 100.00% |
| 53 | 0 | 0.00% | 100.00% |
| 54 | 0 | 0.00% | 100.00% |
| Totals: | 50 | 100.00% | |

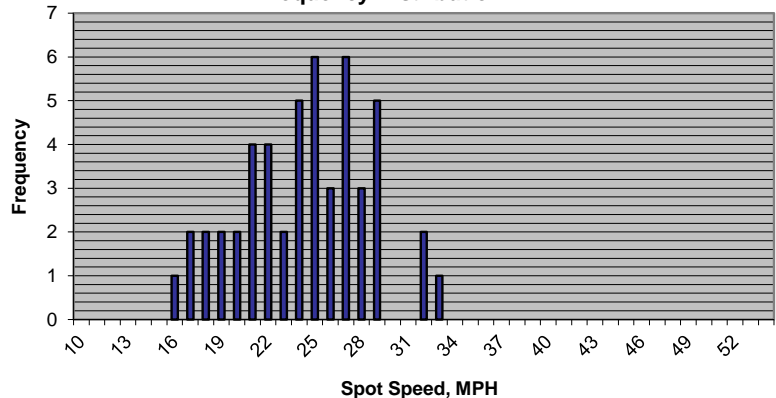
Data Analysis:

| | | |
|-----------------------------|---------------|-------------------|
| Time Mean Speed: | <u>24.4</u> | MPH |
| Sample Variance: | <u>16.68</u> | |
| Standard Deviation: | <u>4.1</u> | |
| Variance of the Mean: | <u>0.3336</u> | |
| Standard Error of the Mean: | <u>0.6</u> | |
| 10 MPH Pace: | <u>20</u> | To: <u>29</u> MPH |
| Percent in Pace: | <u>80.0%</u> | |
| Vehicles in Pace: | <u>40</u> | |
| 50th Percentile Speed: | <u>25</u> | MPH |
| 85th Percentile Speed: | <u>29</u> | MPH |
| 90th Percentile Speed: | <u>29</u> | MPH |
| 95th Percentile Speed: | <u>32</u> | MPH |

Cumulative Frequency Distribution



Frequency Distribution





CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

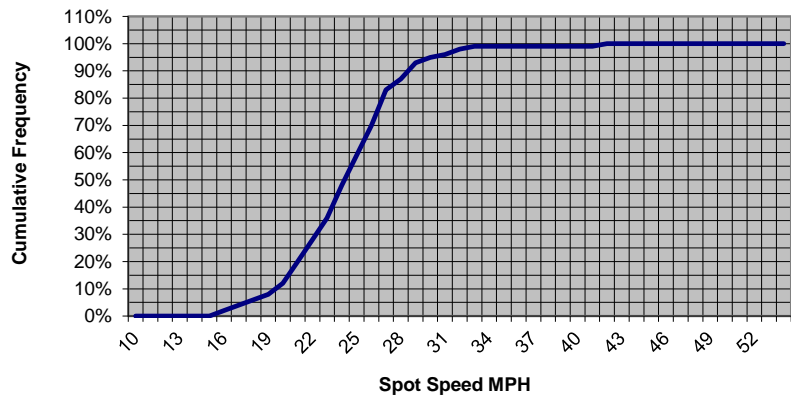
| | | | | | |
|------------------|---|------------|----------------|--|-----------|
| Street: | <u>Hebbron Avenue</u> | Direction: | <u>NBD/SBD</u> | | Comments: |
| Between: | <u>East Market Street & John Street</u> | No. 117 | | | |
| Survey Location: | <u>700 North Hebbron Avenue</u> | | | | |
| Speed Limit: | <u>25</u> MPH | | | | |
| Date: | <u>06/04/25</u> | | | | |
| Hours: | From: <u>02:30</u> | To: | <u>03:23</u> | | |
| Weather: | <u>Sunny</u> | | | | |
| Observer(s): | <u>Rodolfo C</u> | | | | |

| MPH | Frequency | Percent | Cumulative % |
|---------|-----------|---------|--------------|
| 10 | 0 | 0.00% | 0.00% |
| 11 | 0 | 0.00% | 0.00% |
| 12 | 0 | 0.00% | 0.00% |
| 13 | 0 | 0.00% | 0.00% |
| 14 | 0 | 0.00% | 0.00% |
| 15 | 0 | 0.00% | 0.00% |
| 16 | 2 | 2.00% | 2.00% |
| 17 | 2 | 2.00% | 4.00% |
| 18 | 2 | 2.00% | 6.00% |
| 19 | 2 | 2.00% | 8.00% |
| 20 | 4 | 4.00% | 12.00% |
| 21 | 8 | 8.00% | 20.00% |
| 22 | 8 | 8.00% | 28.00% |
| 23 | 8 | 8.00% | 36.00% |
| 24 | 12 | 12.00% | 48.00% |
| 25 | 11 | 11.00% | 59.00% |
| 26 | 11 | 11.00% | 70.00% |
| 27 | 13 | 13.00% | 83.00% |
| 28 | 4 | 4.00% | 87.00% |
| 29 | 6 | 6.00% | 93.00% |
| 30 | 2 | 2.00% | 95.00% |
| 31 | 1 | 1.00% | 96.00% |
| 32 | 2 | 2.00% | 98.00% |
| 33 | 1 | 1.00% | 99.00% |
| 34 | 0 | 0.00% | 99.00% |
| 35 | 0 | 0.00% | 99.00% |
| 36 | 0 | 0.00% | 99.00% |
| 37 | 0 | 0.00% | 99.00% |
| 38 | 0 | 0.00% | 99.00% |
| 39 | 0 | 0.00% | 99.00% |
| 40 | 0 | 0.00% | 99.00% |
| 41 | 0 | 0.00% | 99.00% |
| 42 | 1 | 1.00% | 100.00% |
| 43 | 0 | 0.00% | 100.00% |
| 44 | 0 | 0.00% | 100.00% |
| 45 | 0 | 0.00% | 100.00% |
| 46 | 0 | 0.00% | 100.00% |
| 47 | 0 | 0.00% | 100.00% |
| 48 | 0 | 0.00% | 100.00% |
| 49 | 0 | 0.00% | 100.00% |
| 50 | 0 | 0.00% | 100.00% |
| 51 | 0 | 0.00% | 100.00% |
| 52 | 0 | 0.00% | 100.00% |
| 53 | 0 | 0.00% | 100.00% |
| 54 | 0 | 0.00% | 100.00% |
| Totals: | 100 | 100.00% | |

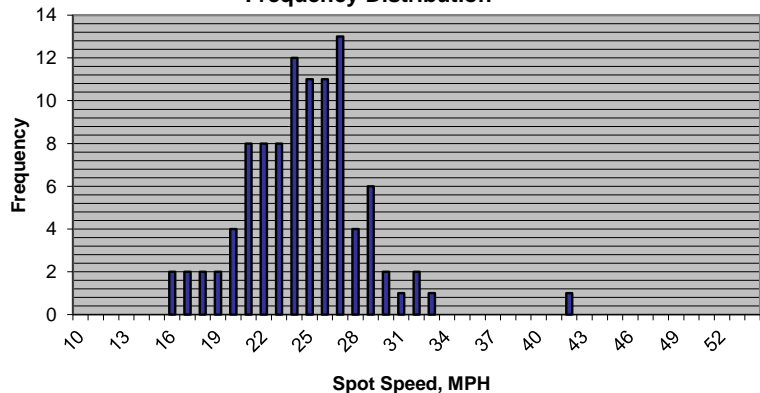
Data Analysis:

| | | |
|-----------------------------|---------------|-------------------|
| Time Mean Speed: | <u>24.6</u> | MPH |
| Sample Variance: | <u>15.38</u> | |
| Standard Deviation: | <u>3.9</u> | |
| Variance of the Mean: | <u>0.1538</u> | |
| Standard Error of the Mean: | <u>0.4</u> | |
| 10 MPH Pace: | <u>20</u> | To: <u>29</u> MPH |
| Percent in Pace: | <u>85.0%</u> | |
| Vehicles in Pace: | <u>85</u> | |
| 50th Percentile Speed: | <u>25</u> | MPH |
| 85th Percentile Speed: | <u>28</u> | MPH |
| 90th Percentile Speed: | <u>29</u> | MPH |
| 95th Percentile Speed: | <u>30</u> | MPH |

Cumulative Frequency Distribution



Frequency Distribution



SITE CODE
117

SPEED SURVEY FIELD SHEET

CITY OF SALINAS

LOCATION Hebbron Ave. between E. Market St. and John St.

DATE 06/04 DAY Wednesday TIME 2:30 TO 3:23

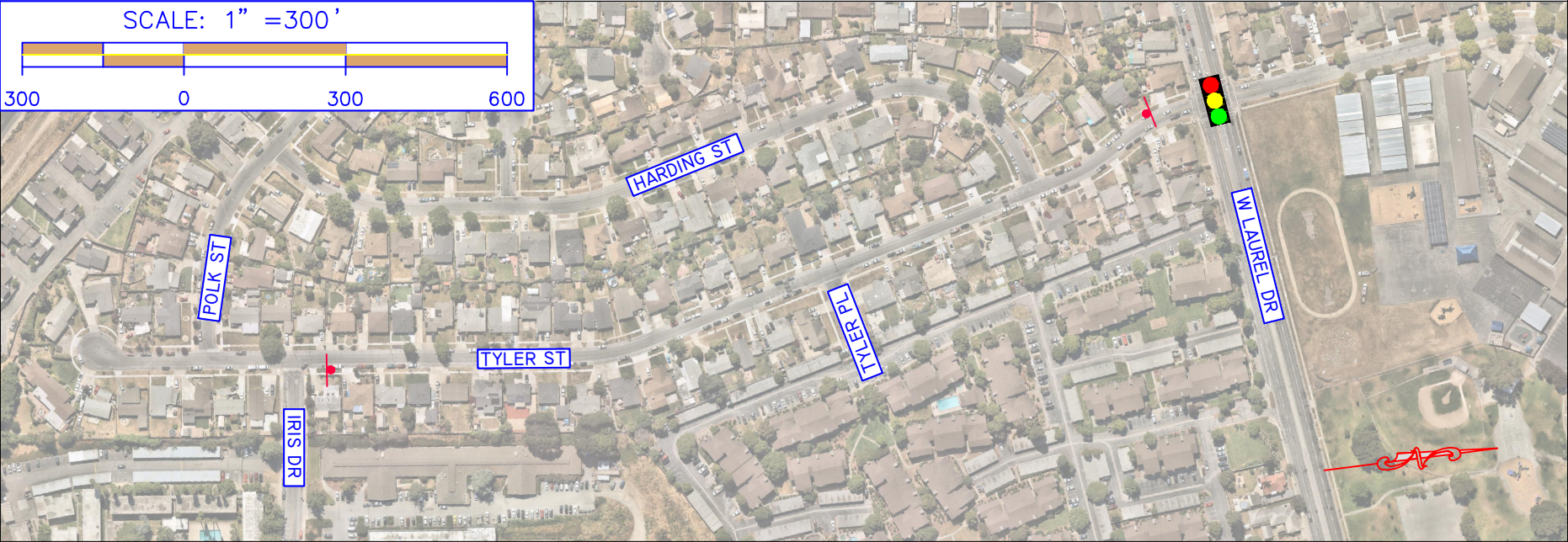
OBSERVER Rodolfo C CALCULATED BY Rodolfo C WEATHER Sunny

| Direction: <u>N.B.</u> | | | | |
|------------------------|--------------------------------|----|----|----|
| MPH | Number of Vehicles <u>AWAY</u> | | | |
| | 5 | 10 | 15 | 20 |
| 70 | | | | |
| 69 | | | | |
| 68 | | | | |
| 67 | | | | |
| 66 | | | | |
| 65 | | | | |
| 64 | | | | |
| 63 | | | | |
| 62 | | | | |
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| 47 | | | | |
| 46 | | | | |
| 45 | | | | |
| 44 | | | | |
| 43 | | | | |
| 42 | X | | | |
| 41 | | | | |
| 40 | | | | |
| 39 | | | | |
| 38 | | | | |
| 37 | | | | |
| 36 | | | | |
| 35 | | | | |
| 34 | | | | |
| 33 | | | | |
| 32 | | | | |
| 31 | X | | | |
| 30 | X | | | |
| 29 | X | | | |
| 28 | X | | | |
| 27 | X | | | |
| 26 | X | | | |
| 25 | X | | | |
| 24 | X | | | |
| 23 | X | | | |
| 22 | X | | | |
| 21 | X | | | |
| 20 | X | | | |
| 19 | | | | |
| 18 | | | | |
| 17 | | | | |
| 16 | X | | | |
| 15 | | | | |
| 14 | | | | |
| 13 | | | | |
| 12 | | | | |
| 11 | | | | |
| 10 | | | | |

||||

| Direction: <u>S.B.</u> | | | | |
|------------------------|---------------------------------|----|----|----|
| MPH | Number of Vehicles <u>CLOSE</u> | | | |
| | 5 | 10 | 15 | 20 |
| 70 | | | | |
| 69 | | | | |
| 68 | | | | |
| 67 | | | | |
| 66 | | | | |
| 65 | | | | |
| 64 | | | | |
| 63 | | | | |
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| 42 | | | | |
| 41 | | | | |
| 40 | | | | |
| 39 | | | | |
| 38 | | | | |
| 37 | | | | |
| 36 | | | | |
| 35 | | | | |
| 34 | | | | |
| 33 | X | | | |
| 32 | X | | | |
| 31 | X | | | |
| 30 | X | | | |
| 29 | X | | | |
| 28 | X | | | |
| 27 | X | | | |
| 26 | X | | | |
| 25 | X | | | |
| 24 | X | | | |
| 23 | X | | | |
| 22 | X | | | |
| 21 | X | | | |
| 20 | X | | | |
| 19 | X | | | |
| 18 | X | | | |
| 17 | X | | | |
| 16 | X | | | |
| 15 | | | | |
| 14 | | | | |
| 13 | | | | |
| 12 | | | | |
| 11 | | | | |
| 10 | | | | |

||||



COMMENTS:

This segment of Tyler Street is classified as a collector in the City of Salinas General Plan. The surround land use includes fronting residential homes. Speed data collected April 28, 2025 revealed the 85th percentile speed of 26 mph. The 10 mph pace ranges from 19 mph to 28 mph and suggests the 85th percentile is within this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speeds rounded down, the existing posted speed limit of 25 mph should be retained.

| AREA | DESCRIPTION | MAP SYMBOL | |
|---|--------------------------|---|--|
| Distance | Approximately 1,800 Feet | <div><div> ALL-WAY STOP</div><div> SIGNAL</div><div> SPEED LIMIT SIGN</div><div> CITY LIMITS</div><div> CROSSWALK</div><div> SCHOOL CROSSWALK</div></div> | |
| Vertical Alignment | Flat | | |
| Street Width | 32 Feet | | |
| No. Lanes and Median | 2-Lane Collector | | |
| Proposed Speed Zone | 25 MPH | | |
| 85 th Percentile Speed | 26 MPH | | |
| Traffic Volume (Date) | 2,394 (2025) | | |
| Accident Data (2 years) | 4 Collisions (2022-2023) | | |
| Street Segment Collision Rate = $\frac{\text{Collisions}}{\text{Years} \times 365 \times \text{ADT} \times \text{Length in Miles}}$ (Years) (365) (ADT) (Length in Miles) | 6.73 Acc./MVM | | |



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | | |
|------------------|--------------------------------|------------|-------|--|-----------|
| Street: | Tyler Street | Direction: | NBD | | Comments: |
| Between: | Iris Drive & West Laurel Drive | No. 118 | | | |
| Survey Location: | 1062 Tyler Street | | | | |
| Speed Limit: | 25 MPH | | | | |
| Date: | 04/28/25 | | | | |
| Hours: | From: 01:42 | To: | 02:34 | | |
| Weather: | Sunny | | | | |
| Observer(s): | Rodolfo C | | | | |

| MPH | Frequency | Percent | Cumulative % | |
|---------|-----------|---------|--------------|--|
| 10 | 0 | 0.00% | 0.00% | |
| 11 | 0 | 0.00% | 0.00% | |
| 12 | 0 | 0.00% | 0.00% | |
| 13 | 0 | 0.00% | 0.00% | |
| 14 | 0 | 0.00% | 0.00% | |
| 15 | 0 | 0.00% | 0.00% | |
| 16 | 2 | 4.00% | 4.00% | |
| 17 | 3 | 6.00% | 10.00% | |
| 18 | 3 | 6.00% | 16.00% | |
| 19 | 5 | 10.00% | 26.00% | |
| 20 | 6 | 12.00% | 38.00% | |
| 21 | 3 | 6.00% | 44.00% | |
| 22 | 4 | 8.00% | 52.00% | |
| 23 | 8 | 16.00% | 68.00% | |
| 24 | 6 | 12.00% | 80.00% | |
| 25 | 4 | 8.00% | 88.00% | |
| 26 | 1 | 2.00% | 90.00% | |
| 27 | 2 | 4.00% | 94.00% | |
| 28 | 2 | 4.00% | 98.00% | |
| 29 | 1 | 2.00% | 100.00% | |
| 30 | 0 | 0.00% | 100.00% | |
| 31 | 0 | 0.00% | 100.00% | |
| 32 | 0 | 0.00% | 100.00% | |
| 33 | 0 | 0.00% | 100.00% | |
| 34 | 0 | 0.00% | 100.00% | |
| 35 | 0 | 0.00% | 100.00% | |
| 36 | 0 | 0.00% | 100.00% | |
| 37 | 0 | 0.00% | 100.00% | |
| 38 | 0 | 0.00% | 100.00% | |
| 39 | 0 | 0.00% | 100.00% | |
| 40 | 0 | 0.00% | 100.00% | |
| 41 | 0 | 0.00% | 100.00% | |
| 42 | 0 | 0.00% | 100.00% | |
| 43 | 0 | 0.00% | 100.00% | |
| 44 | 0 | 0.00% | 100.00% | |
| 45 | 0 | 0.00% | 100.00% | |
| 46 | 0 | 0.00% | 100.00% | |
| 47 | 0 | 0.00% | 100.00% | |
| 48 | 0 | 0.00% | 100.00% | |
| 49 | 0 | 0.00% | 100.00% | |
| 50 | 0 | 0.00% | 100.00% | |
| 51 | 0 | 0.00% | 100.00% | |
| 52 | 0 | 0.00% | 100.00% | |
| 53 | 0 | 0.00% | 100.00% | |
| 54 | 0 | 0.00% | 100.00% | |
| Totals: | 50 | 100.00% | | |

Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 21.9 | MPH |
| Sample Variance: | 10.65 | |
| Standard Deviation: | 3.3 | |
| Variance of the Mean: | 0.2130 | |
| Standard Error of the Mean: | 0.5 | |
| 10 MPH Pace: | 16 | To: 25 MPH |
| Percent in Pace: | 88.0% | |
| Vehicles in Pace: | 44 | |
| 50th Percentile Speed: | 22 | MPH |
| 85th Percentile Speed: | 25 | MPH |
| 90th Percentile Speed: | 26 | MPH |
| 95th Percentile Speed: | 28 | MPH |

Cumulative Frequency Distribution

Frequency Distribution



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

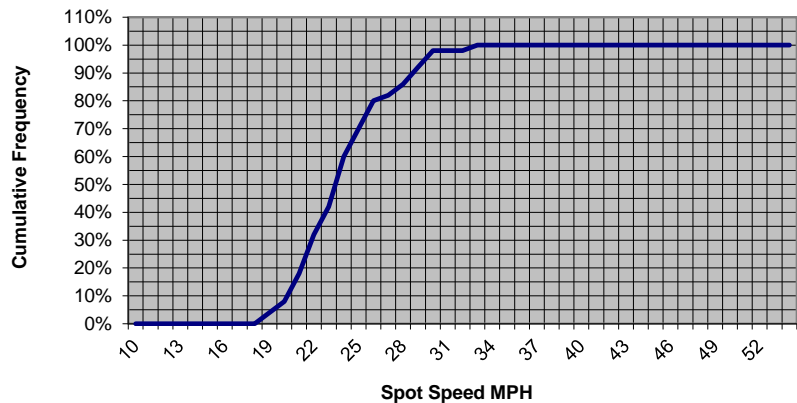
| | | | | |
|------------------|--------------------------------|------------|-------|-----------|
| Street: | Tyler Street | Direction: | SBD | Comments: |
| Between: | Iris Drive & West Laurel Drive | No. 118 | | |
| Survey Location: | 1062 Tyler Street | | | |
| Speed Limit: | 25 MPH | | | |
| Date: | 04/28/25 | | | |
| Hours: | From: 01:42 | To: | 02:34 | |
| Weather: | Sunny | | | |
| Observer(s): | Rodolfo C | | | |

| MPH | Frequency | Percent | Cumulative % |
|---------|-----------|---------|--------------|
| 10 | 0 | 0.00% | 0.00% |
| 11 | 0 | 0.00% | 0.00% |
| 12 | 0 | 0.00% | 0.00% |
| 13 | 0 | 0.00% | 0.00% |
| 14 | 0 | 0.00% | 0.00% |
| 15 | 0 | 0.00% | 0.00% |
| 16 | 0 | 0.00% | 0.00% |
| 17 | 0 | 0.00% | 0.00% |
| 18 | 0 | 0.00% | 0.00% |
| 19 | 2 | 4.00% | 4.00% |
| 20 | 2 | 4.00% | 8.00% |
| 21 | 5 | 10.00% | 18.00% |
| 22 | 7 | 14.00% | 32.00% |
| 23 | 5 | 10.00% | 42.00% |
| 24 | 9 | 18.00% | 60.00% |
| 25 | 5 | 10.00% | 70.00% |
| 26 | 5 | 10.00% | 80.00% |
| 27 | 1 | 2.00% | 82.00% |
| 28 | 2 | 4.00% | 86.00% |
| 29 | 3 | 6.00% | 92.00% |
| 30 | 3 | 6.00% | 98.00% |
| 31 | 0 | 0.00% | 98.00% |
| 32 | 0 | 0.00% | 98.00% |
| 33 | 1 | 2.00% | 100.00% |
| 34 | 0 | 0.00% | 100.00% |
| 35 | 0 | 0.00% | 100.00% |
| 36 | 0 | 0.00% | 100.00% |
| 37 | 0 | 0.00% | 100.00% |
| 38 | 0 | 0.00% | 100.00% |
| 39 | 0 | 0.00% | 100.00% |
| 40 | 0 | 0.00% | 100.00% |
| 41 | 0 | 0.00% | 100.00% |
| 42 | 0 | 0.00% | 100.00% |
| 43 | 0 | 0.00% | 100.00% |
| 44 | 0 | 0.00% | 100.00% |
| 45 | 0 | 0.00% | 100.00% |
| 46 | 0 | 0.00% | 100.00% |
| 47 | 0 | 0.00% | 100.00% |
| 48 | 0 | 0.00% | 100.00% |
| 49 | 0 | 0.00% | 100.00% |
| 50 | 0 | 0.00% | 100.00% |
| 51 | 0 | 0.00% | 100.00% |
| 52 | 0 | 0.00% | 100.00% |
| 53 | 0 | 0.00% | 100.00% |
| 54 | 0 | 0.00% | 100.00% |
| Totals: | 50 | 100.00% | |

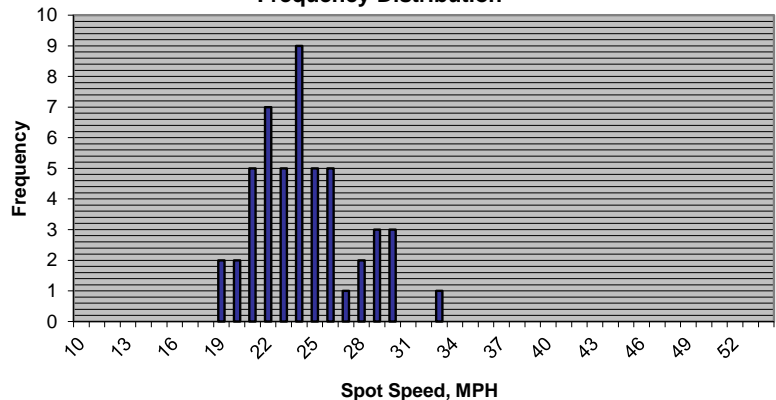
Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 24.3 | MPH |
| Sample Variance: | 9.90 | |
| Standard Deviation: | 3.1 | |
| Variance of the Mean: | 0.1980 | |
| Standard Error of the Mean: | 0.4 | |
| 10 MPH Pace: | 21 | To: 30 MPH |
| Percent in Pace: | 90.0% | |
| Vehicles in Pace: | 45 | |
| 50th Percentile Speed: | 24 | MPH |
| 85th Percentile Speed: | 28 | MPH |
| 90th Percentile Speed: | 29 | MPH |
| 95th Percentile Speed: | 30 | MPH |

Cumulative Frequency Distribution



Frequency Distribution





CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | | |
|------------------|--------------------------------|------------|---------|--|-----------|
| Street: | Tyler Street | Direction: | NBD/SBD | | Comments: |
| Between: | Iris Drive & West Laurel Drive | No. 118 | | | |
| Survey Location: | 1062 Tyler Street | | | | |
| Speed Limit: | 25 MPH | | | | |
| Date: | 04/28/25 | | | | |
| Hours: | From: 01:42 | To: | 02:34 | | |
| Weather: | Sunny | | | | |
| Observer(s): | Rodolfo C | | | | |

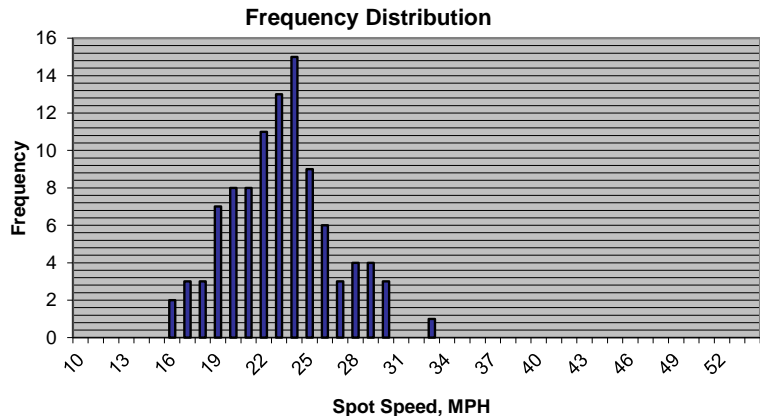
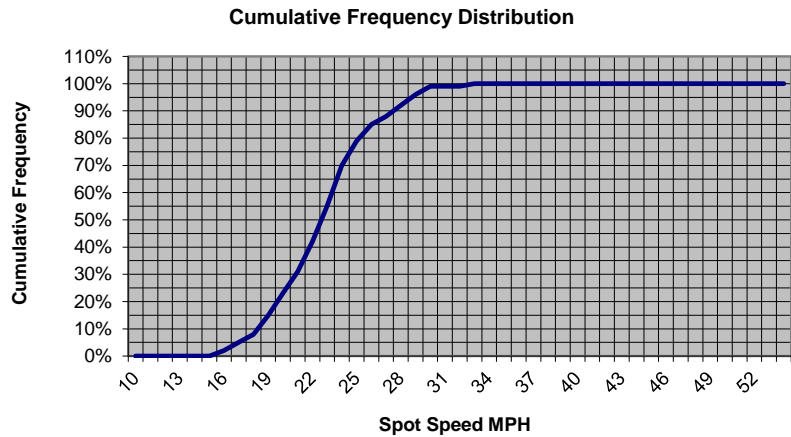
| MPH | Frequency | Percent | Cumulative % | Data Analysis: | | | |
|---------|-----------|---------|--------------|--|--|--|--|
| 10 | 0 | 0.00% | 0.00% | <div><div>Time Mean Speed:23.1MPH</div><div>Sample Variance:11.62</div><div>Standard Deviation:3.4</div><div>Variance of the Mean:0.1162</div><div>Standard Error of the Mean:0.3</div><div>10 MPH Pace:19To:28MPH</div><div>Percent in Pace:84.0%</div><div>Vehicles in Pace:84</div><div>50th Percentile Speed:23MPH</div><div>85th Percentile Speed:26MPH</div><div>90th Percentile Speed:28MPH</div><div>95th Percentile Speed:29MPH</div></div> | | | |
| 11 | 0 | 0.00% | 0.00% | | | | |
| 12 | 0 | 0.00% | 0.00% | | | | |
| 13 | 0 | 0.00% | 0.00% | | | | |
| 14 | 0 | 0.00% | 0.00% | | | | |
| 15 | 0 | 0.00% | 0.00% | | | | |
| 16 | 2 | 2.00% | 2.00% | | | | |
| 17 | 3 | 3.00% | 5.00% | | | | |
| 18 | 3 | 3.00% | 8.00% | | | | |
| 19 | 7 | 7.00% | 15.00% | | | | |
| 20 | 8 | 8.00% | 23.00% | | | | |
| 21 | 8 | 8.00% | 31.00% | | | | |
| 22 | 11 | 11.00% | 42.00% | | | | |
| 23 | 13 | 13.00% | 55.00% | | | | |
| 24 | 15 | 15.00% | 70.00% | | | | |
| 25 | 9 | 9.00% | 79.00% | | | | |
| 26 | 6 | 6.00% | 85.00% | | | | |
| 27 | 3 | 3.00% | 88.00% | | | | |
| 28 | 4 | 4.00% | 92.00% | | | | |
| 29 | 4 | 4.00% | 96.00% | | | | |
| 30 | 3 | 3.00% | 99.00% | | | | |
| 31 | 0 | 0.00% | 99.00% | | | | |
| 32 | 0 | 0.00% | 99.00% | | | | |
| 33 | 1 | 1.00% | 100.00% | | | | |
| 34 | 0 | 0.00% | 100.00% | | | | |
| 35 | 0 | 0.00% | 100.00% | | | | |
| 36 | 0 | 0.00% | 100.00% | | | | |
| 37 | 0 | 0.00% | 100.00% | | | | |
| 38 | 0 | 0.00% | 100.00% | | | | |
| 39 | 0 | 0.00% | 100.00% | | | | |
| 40 | 0 | 0.00% | 100.00% | | | | |
| 41 | 0 | 0.00% | 100.00% | | | | |
| 42 | 0 | 0.00% | 100.00% | | | | |
| 43 | 0 | 0.00% | 100.00% | | | | |
| 44 | 0 | 0.00% | 100.00% | | | | |
| 45 | 0 | 0.00% | 100.00% | | | | |
| 46 | 0 | 0.00% | 100.00% | | | | |
| 47 | 0 | 0.00% | 100.00% | | | | |
| 48 | 0 | 0.00% | 100.00% | | | | |
| 49 | 0 | 0.00% | 100.00% | | | | |
| 50 | 0 | 0.00% | 100.00% | | | | |
| 51 | 0 | 0.00% | 100.00% | | | | |
| 52 | 0 | 0.00% | 100.00% | | | | |
| 53 | 0 | 0.00% | 100.00% | | | | |
| 54 | 0 | 0.00% | 100.00% | | | | |
| Totals: | 100 | 100.00% | | | | | |

Cumulative Frequency Distribution

| Spot Speed (MPH) | Cumulative Frequency (%) |
|------------------|--------------------------|
| 10 | 0.00 |
| 11 | 0.00 |
| 12 | 0.00 |
| 13 | 0.00 |
| 14 | 0.00 |
| 15 | 0.00 |
| 16 | 2.00 |
| 17 | 5.00 |
| 18 | 8.00 |
| 19 | 15.00 |
| 20 | 23.00 |
| 21 | 31.00 |
| 22 | 42.00 |
| 23 | 55.00 |
| 24 | 70.00 |
| 25 | 79.00 |
| 26 | 85.00 |
| 27 | 88.00 |
| 28 | 92.00 |
| 29 | 96.00 |
| 30 | 99.00 |
| 31 | 99.00 |
| 32 | 99.00 |
| 33 | 100.00 |
| 34 | 100.00 |
| 35 | 100.00 |
| 36 | 100.00 |
| 37 | 100.00 |
| 38 | 100.00 |
| 39 | 100.00 |
| 40 | 100.00 |
| 41 | 100.00 |
| 42 | 100.00 |
| 43 | 100.00 |
| 44 | 100.00 |
| 45 | 100.00 |
| 46 | 100.00 |
| 47 | 100.00 |
| 48 | 100.00 |
| 49 | 100.00 |
| 50 | 100.00 |
| 51 | 100.00 |
| 52 | 100.00 |
| 53 | 100.00 |
| 54 | 100.00 |

Frequency Distribution

| Spot Speed (MPH) | Frequency |
|------------------|-----------|
| 10-11 | 0 |
| 11-12 | 0 |
| 12-13 | 0 |
| 13-14 | 0 |
| 14-15 | 0 |
| 15-16 | 0 |
| 16-17 | 2 |
| 17-18 | 3 |
| 18-19 | 3 |
| 19-20 | 7 |
| 20-21 | 8 |
| 21-22 | 8 |
| 22-23 | 11 |
| 23-24 | 13 |
| 24-25 | 15 |
| 25-26 | 9 |
| 26-27 | 6 |
| 27-28 | 3 |
| 28-29 | 4 |
| 29-30 | 4 |
| 30-31 | 3 |
| 31-32 | 0 |
| 32-33 | 1 |
| 33-34 | 0 |
| 34-35 | 0 |
| 35-36 | 0 |
| 36-37 | 0 |
| 37-38 | 0 |
| 38-39 | 0 |
| 39-40 | 0 |
| 40-41 | 0 |
| 41-42 | 0 |
| 42-43 | 0 |
| 43-44 | 0 |
| 44-45 | 0 |
| 45-46 | 0 |
| 46-47 | 0 |
| 47-48 | 0 |
| 48-49 | 0 |
| 49-50 | 0 |
| 50-51 | 0 |
| 51-52 | 0 |
| 52-53 | 0 |
| 53-54 | 0 |



SPEED SURVEY FIELD SHEET

CITY OF SALINAS

SITE CODE

118

LOCATION

Tyler St. between Iris Dr. and W. Laurel Dr.

DATE

04/28

DAY

Monday

TIME

1:42

TO

2:34

OBSERVER

Rodolfo C

CALCULATED BY

Rodolfo C

WEATHER

Sunny

Direction:

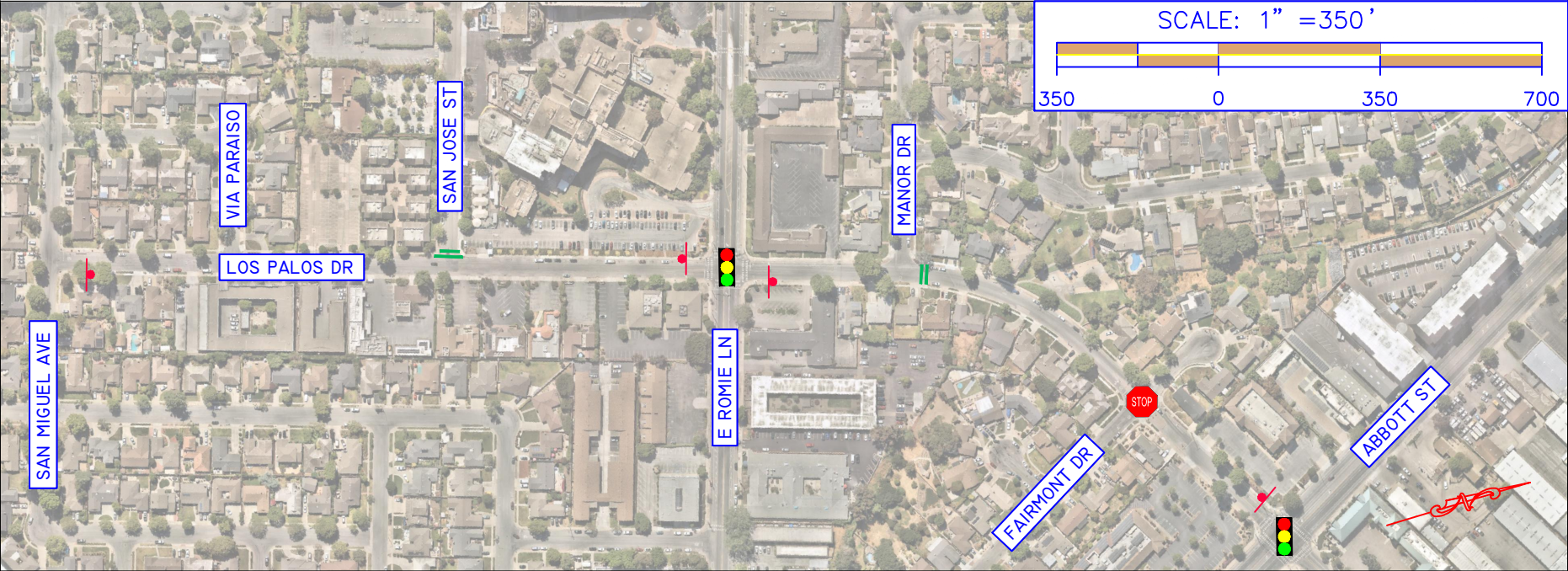
N.B.

| MPH | Number of Vehicles | | | |
|-----|--------------------|----|----|----|
| | 5 | 10 | 15 | 20 |
| 70 | | | | |
| 69 | | | | |
| 68 | | | | |
| 67 | | | | |
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| 29 | X | | | |
| 28 | X | | | |
| 27 | X | | | |
| 26 | X | | | |
| 25 | X | | | |
| 24 | X | | | |
| 23 | X | | | |
| 22 | X | | | |
| 21 | X | | | |
| 20 | X | | | |
| 19 | X | | | |
| 18 | X | | | |
| 17 | X | | | |
| 16 | X | | | |
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Direction:








S.B.

| MPH | Number of Vehicles | | | |
|-----|--------------------|----|----|----|
| | 5 | 10 | 15 | 20 |
| 70 | | | | |
| 69 | | | | |
| 68 | | | | |
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| 33 | X | | | |
| 32 | X | | | |
| 31 | X | | | |
| 30 | X | | | |
| 29 | X | | | |
| 28 | X | | | |
| 27 | X | | | |
| 26 | X | | | |
| 25 | X | | | |
| 24 | X | | | |
| 23 | X | | | |
| 22 | X | | | |
| 21 | X | | | |
| 20 | X | | | |
| 19 | X | | | |
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COMMENTS:

This segment of Los Palos Drive is classified as a collector in the City of Salinas General Plan. The surrounding land use includes residential homes, hospital, office, and park use. Speed data collected on April 25, 2025, revealed the 85th percentile speed of 28 mph. The 10 mph pace ranges from 17 mph to 26 mph and suggests the 85th percentile is above this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speeds rounded up and reduced by 5 mph per MUTCD option 2, the existing posted speed limit of 25 mph should be retained.

| AREA | DESCRIPTION | MAP SYMBOL |  |
|---|--------------------------|---|---|
| Distance | Approximately 2,900 Feet | <div> ALL-WAY STOP</div> <div> SIGNAL</div> <div> SPEED LIMIT SIGN</div> <div> CITY LIMITS</div> <div> CROSSWALK</div> <div> SCHOOL CROSSWALK</div> | |
| Vertical Alignment | Flat | | |
| Street Width | 38 Feet | | |
| No. Lanes and Median | 2-Lane Collector | | |
| Proposed Speed Zone | 25 MPH | | |
| 85 th Percentile Speed | 28 MPH | | |
| Traffic Volume (Date) | 2,981 (2024) | | |
| Accident Data (2 years) | 4 Collisions (2022-2023) | | |
| Street Segment Collision Rate = $\frac{\text{Collisions}}{\text{Years} \times 365 \times \text{ADT} \times \text{Length in Miles}}$ (Years) (365) (ADT) (Length in Miles) | 3.35 Acc./MVM | | |



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | | |
|------------------|-------------------------------------|------------|---------|--|---|
| Street: | Los Palos Drive | Direction: | NBD | | Comments: No. 121 |
| Between: | San Miguel Avenue and Abbott Street | | | | |
| Survey Location: | 1139 Los Palos Drive | | | | |
| Speed Limit: | 25 MPH | | | | |
| Date: | 04/22/25 | Day: | Tuesday | | |
| Hours: | From: 12:37 | To: | 01:03 | | |
| Weather: | Clear | | | | |
| Observer(s): | Alejandro M. | | | | |

| MPH | Frequency | Percent | Cumulative % | |
|---------|-----------|---------|--------------|---|
| 14 | 1 | 2.00% | 2.00% | Data Analysis: <div style="display: flex; justify-content: space-between;"> <div> Time Mean Speed: 21.3 MPH Sample Variance: 23.00 Standard Deviation: 4.8 Variance of the Mean: 0.4600 Standard Error of the Mean: 0.7 10 MPH Pace: 14 To: 23 MPH Percent in Pace: 74.0% Vehicles in Pace: 37 50th Percentile Speed: 20 MPH 85th Percentile Speed: 26 MPH 90th Percentile Speed: 29 MPH 95th Percentile Speed: 32 MPH </div> </div> |
| 15 | 4 | 8.00% | 10.00% | |
| 16 | 2 | 4.00% | 14.00% | |
| 17 | 4 | 8.00% | 22.00% | |
| 18 | 6 | 12.00% | 34.00% | |
| 19 | 2 | 4.00% | 38.00% | |
| 20 | 6 | 12.00% | 50.00% | |
| 21 | 3 | 6.00% | 56.00% | |
| 22 | 8 | 16.00% | 72.00% | |
| 23 | 1 | 2.00% | 74.00% | |
| 24 | 1 | 2.00% | 76.00% | Cumulative Frequency Distribution |
| 25 | 3 | 6.00% | 82.00% | |
| 26 | 2 | 4.00% | 86.00% | |
| 27 | 0 | 0.00% | 86.00% | |
| 28 | 1 | 2.00% | 88.00% | |
| 29 | 1 | 2.00% | 90.00% | |
| 30 | 2 | 4.00% | 94.00% | |
| 31 | 0 | 0.00% | 94.00% | |
| 32 | 3 | 6.00% | 100.00% | |
| 33 | 0 | 0.00% | 100.00% | |
| 34 | 0 | 0.00% | 100.00% | Frequency Distribution |
| 35 | 0 | 0.00% | 100.00% | |
| 36 | 0 | 0.00% | 100.00% | |
| 37 | 0 | 0.00% | 100.00% | |
| 38 | 0 | 0.00% | 100.00% | |
| 39 | 0 | 0.00% | 100.00% | |
| 40 | 0 | 0.00% | 100.00% | |
| 41 | 0 | 0.00% | 100.00% | |
| 42 | 0 | 0.00% | 100.00% | |
| 43 | 0 | 0.00% | 100.00% | |
| 44 | 0 | 0.00% | 100.00% | |
| 45 | 0 | 0.00% | 100.00% | |
| 46 | 0 | 0.00% | 100.00% | |
| 47 | 0 | 0.00% | 100.00% | |
| 48 | 0 | 0.00% | 100.00% | |
| 49 | 0 | 0.00% | 100.00% | |
| 50 | 0 | 0.00% | 100.00% | |
| 51 | 0 | 0.00% | 100.00% | |
| 52 | 0 | 0.00% | 100.00% | |
| 53 | 0 | 0.00% | 100.00% | |
| 54 | 0 | 0.00% | 100.00% | |
| 55 | 0 | 0.00% | 100.00% | |
| 56 | 0 | 0.00% | 100.00% | |
| 57 | 0 | 0.00% | 100.00% | |
| 58 | 0 | 0.00% | 100.00% | |
| Totals: | 50 | 100.00% | | |



CITY OF SALINAS

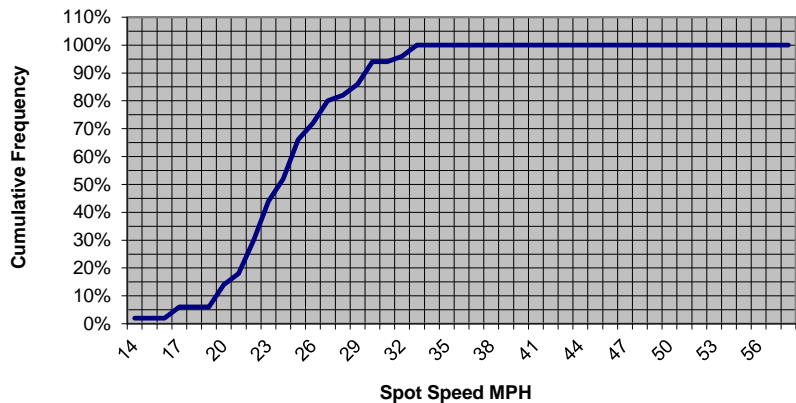
DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

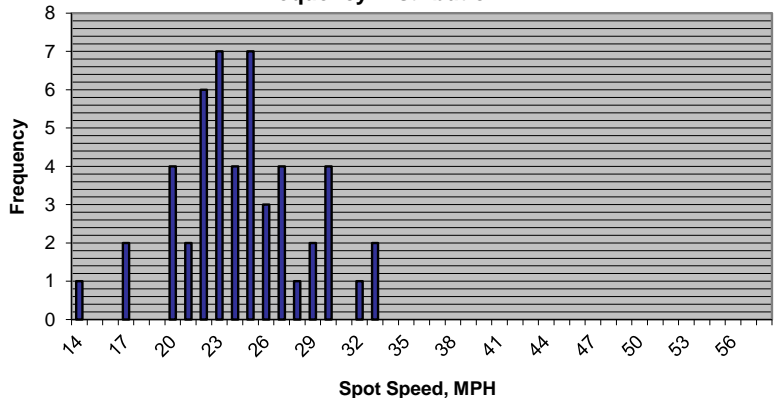
| | | | | | | |
|------------------|-------------------------------------|------------|-----|-----------|------|---------|
| Street: | Los Palos Drive | Direction: | SBD | Comments: | | |
| Between: | San Miguel Avenue and Abbott Street | No. 121 | | | | |
| Survey Location: | 925 Los Palos Drive | | | | | |
| Speed Limit: | 25 MPH | | | | | |
| Date: | 04/22/25 | | | | Day: | Tuesday |
| Hours: From: | 01:49 | | | | To: | 02:50 |
| Weather: | Clear | | | | | |
| Observer(s): | Rodolfo | | | | | |

| MPH | Frequency | Percent | Cumulative % | |
|---------|-----------|---------|--------------|---------------------------------|
| 14 | 1 | 2.00% | 2.00% | Data Analysis: |
| 15 | 0 | 0.00% | 2.00% | |
| 16 | 0 | 0.00% | 2.00% | |
| 17 | 2 | 4.00% | 6.00% | |
| 18 | 0 | 0.00% | 6.00% | |
| 19 | 0 | 0.00% | 6.00% | |
| 20 | 4 | 8.00% | 14.00% | |
| 21 | 2 | 4.00% | 18.00% | |
| 22 | 6 | 12.00% | 30.00% | |
| 23 | 7 | 14.00% | 44.00% | |
| 24 | 4 | 8.00% | 52.00% | Time Mean Speed: 24.5 MPH |
| 25 | 7 | 14.00% | 66.00% | Sample Variance: 16.13 |
| 26 | 3 | 6.00% | 72.00% | Standard Deviation: 4.0 |
| 27 | 4 | 8.00% | 80.00% | Variance of the Mean: 0.3226 |
| 28 | 1 | 2.00% | 82.00% | Standard Error of the Mean: 0.6 |
| 29 | 2 | 4.00% | 86.00% | 10 MPH Pace: 20 To: 29 MPH |
| 30 | 4 | 8.00% | 94.00% | Percent in Pace: 80.0% |
| 31 | 0 | 0.00% | 94.00% | Vehicles in Pace: 40 |
| 32 | 1 | 2.00% | 96.00% | 50th Percentile Speed: 24 MPH |
| 33 | 2 | 4.00% | 100.00% | 85th Percentile Speed: 29 MPH |
| 34 | 0 | 0.00% | 100.00% | 90th Percentile Speed: 30 MPH |
| 35 | 0 | 0.00% | 100.00% | 95th Percentile Speed: 32 MPH |
| 36 | 0 | 0.00% | 100.00% | |
| 37 | 0 | 0.00% | 100.00% | |
| 38 | 0 | 0.00% | 100.00% | |
| 39 | 0 | 0.00% | 100.00% | |
| 40 | 0 | 0.00% | 100.00% | |
| 41 | 0 | 0.00% | 100.00% | |
| 42 | 0 | 0.00% | 100.00% | |
| 43 | 0 | 0.00% | 100.00% | |
| 44 | 0 | 0.00% | 100.00% | |
| 45 | 0 | 0.00% | 100.00% | |
| 46 | 0 | 0.00% | 100.00% | |
| 47 | 0 | 0.00% | 100.00% | |
| 48 | 0 | 0.00% | 100.00% | |
| 49 | 0 | 0.00% | 100.00% | |
| 50 | 0 | 0.00% | 100.00% | |
| 51 | 0 | 0.00% | 100.00% | |
| 52 | 0 | 0.00% | 100.00% | |
| 53 | 0 | 0.00% | 100.00% | |
| 54 | 0 | 0.00% | 100.00% | |
| 55 | 0 | 0.00% | 100.00% | |
| 56 | 0 | 0.00% | 100.00% | |
| 57 | 0 | 0.00% | 100.00% | |
| 58 | 0 | 0.00% | 100.00% | |
| Totals: | 50 | 100.00% | | |

Cumulative Frequency Distribution



Frequency Distribution





CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

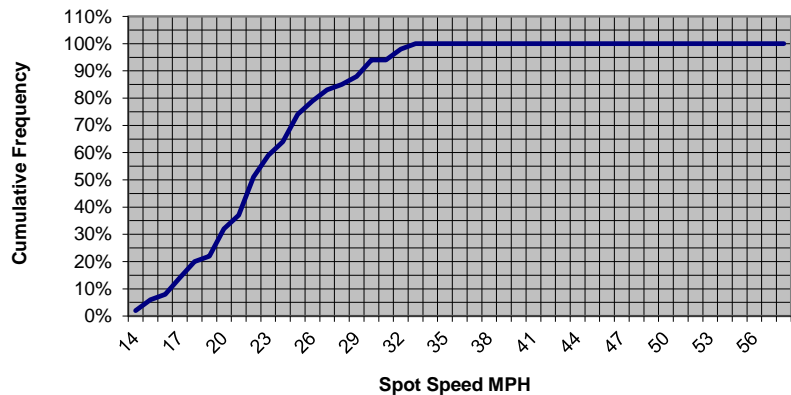
| | | | | | |
|------------------|--|------------|---------|---------|-----------|
| Street: | Los Palos Drive | Direction: | NBD/SBD | No. 121 | Comments: |
| Between: | San Miguel Avenue and Abbott Street | | | | |
| Survey Location: | 1139 Los Palos Drive and 925 Los Palos Drive | | | | |
| Speed Limit: | 25 MPH | | | | |
| Date: | 04/22/25 | Day: | Tuesday | | |
| Hours: | From: 12:37 | To: | 01:03 | | |
| Weather: | Clear | | | | |
| Observer(s): | Alejandro M. | | | | |

| MPH | Frequency | Percent | Cumulative % |
|---------|-----------|---------|--------------|
| 14 | 2 | 2.00% | 2.00% |
| 15 | 4 | 4.00% | 6.00% |
| 16 | 2 | 2.00% | 8.00% |
| 17 | 6 | 6.00% | 14.00% |
| 18 | 6 | 6.00% | 20.00% |
| 19 | 2 | 2.00% | 22.00% |
| 20 | 10 | 10.00% | 32.00% |
| 21 | 5 | 5.00% | 37.00% |
| 22 | 14 | 14.00% | 51.00% |
| 23 | 8 | 8.00% | 59.00% |
| 24 | 5 | 5.00% | 64.00% |
| 25 | 10 | 10.00% | 74.00% |
| 26 | 5 | 5.00% | 79.00% |
| 27 | 4 | 4.00% | 83.00% |
| 28 | 2 | 2.00% | 85.00% |
| 29 | 3 | 3.00% | 88.00% |
| 30 | 6 | 6.00% | 94.00% |
| 31 | 0 | 0.00% | 94.00% |
| 32 | 4 | 4.00% | 98.00% |
| 33 | 2 | 2.00% | 100.00% |
| 34 | 0 | 0.00% | 100.00% |
| 35 | 0 | 0.00% | 100.00% |
| 36 | 0 | 0.00% | 100.00% |
| 37 | 0 | 0.00% | 100.00% |
| 38 | 0 | 0.00% | 100.00% |
| 39 | 0 | 0.00% | 100.00% |
| 40 | 0 | 0.00% | 100.00% |
| 41 | 0 | 0.00% | 100.00% |
| 42 | 0 | 0.00% | 100.00% |
| 43 | 0 | 0.00% | 100.00% |
| 44 | 0 | 0.00% | 100.00% |
| 45 | 0 | 0.00% | 100.00% |
| 46 | 0 | 0.00% | 100.00% |
| 47 | 0 | 0.00% | 100.00% |
| 48 | 0 | 0.00% | 100.00% |
| 49 | 0 | 0.00% | 100.00% |
| 50 | 0 | 0.00% | 100.00% |
| 51 | 0 | 0.00% | 100.00% |
| 52 | 0 | 0.00% | 100.00% |
| 53 | 0 | 0.00% | 100.00% |
| 54 | 0 | 0.00% | 100.00% |
| 55 | 0 | 0.00% | 100.00% |
| 56 | 0 | 0.00% | 100.00% |
| 57 | 0 | 0.00% | 100.00% |
| 58 | 0 | 0.00% | 100.00% |
| Totals: | 100 | 100.00% | |

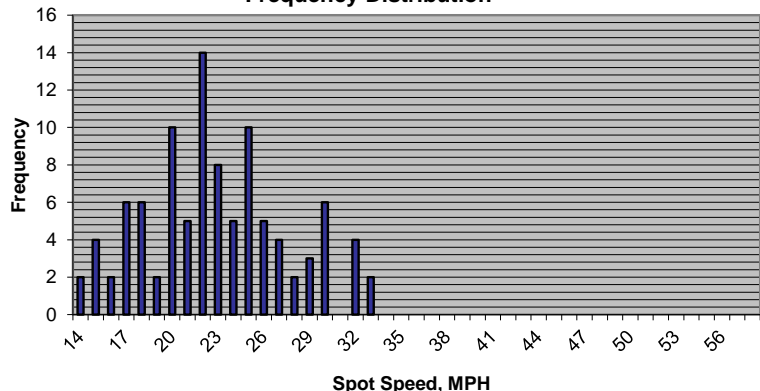
Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 22.9 | MPH |
| Sample Variance: | 21.89 | |
| Standard Deviation: | 4.7 | |
| Variance of the Mean: | 0.2189 | |
| Standard Error of the Mean: | 0.5 | |
| 10 MPH Pace: | 17 | To: 26 MPH |
| Percent in Pace: | 71.0% | |
| Vehicles in Pace: | 71 | |
| 50th Percentile Speed: | 22 | MPH |
| 85th Percentile Speed: | 28 | MPH |
| 90th Percentile Speed: | 30 | MPH |
| 95th Percentile Speed: | 32 | MPH |

Cumulative Frequency Distribution



Frequency Distribution



SPEED SURVEY FIELD SHEET

CITY OF SALINAS

SITE CODE

121

LOCATION

Los Palos Dr. between San Miguel Ave. and Abbott St.

DATE

01/22

DAY

Tuesday

TIME

1:49

TO

2:50

OBSERVER

Rodolfo

CALCULATED BY

Alejandro M.

WEATHER

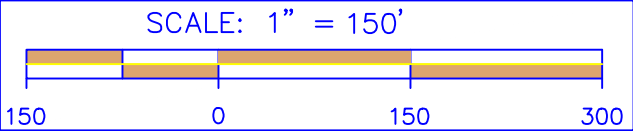
Clear

| Direction: N.B. | | | | | | | | | | | | | | | | | | | | |
|-----------------|--------------------|---|---|---|----|---|---|---|----|---|--|--|----|--|--|--|--|--|--|--|
| MPH | Number of Vehicles | | | | | | | | | | | | | | | | | | | |
| | 5 | | | | 10 | | | | 15 | | | | 20 | | | | | | | |
| 70 | | | | | | | | | | | | | | | | | | | | |
| 69 | | | | | | | | | | | | | | | | | | | | |
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| 34 | | | | | | | | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | | | | | | | | |
| 32 | X | X | X | X | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | |
| 30 | X | X | X | | | | | | | | | | | | | | | | | |
| 29 | X | X | | | | | | | | | | | | | | | | | | |
| 28 | X | | | | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | | | | |
| 26 | X | X | X | | | | | | | | | | | | | | | | | |
| 25 | X | X | X | X | | | | | | | | | | | | | | | | |
| 24 | X | X | | | | | | | | | | | | | | | | | | |
| 23 | X | | | | | | | | | | | | | | | | | | | |
| 22 | X | X | X | X | X | X | X | X | X | X | | | | | | | | | | |
| 21 | X | X | X | X | X | X | X | X | X | X | | | | | | | | | | |
| 20 | X | X | X | X | X | X | X | X | X | X | | | | | | | | | | |
| 19 | X | X | X | | | | | | | | | | | | | | | | | |
| 18 | X | X | X | X | X | X | X | X | X | | | | | | | | | | | |
| 17 | X | X | X | X | X | X | | | | | | | | | | | | | | |
| 16 | X | X | X | X | X | | | | | | | | | | | | | | | |
| 15 | X | X | X | X | X | | | | | | | | | | | | | | | |
| 14 | X | X | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | |
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




| Direction: | | S.B. | | | | | | | | | | | | | | | | | | | |
|------------|--------------------|------|---|---|----|---|---|---|----|---|--|--|----|--|--|--|--|--|--|--|--|
| MPH | Number of Vehicles | | | | | | | | | | | | | | | | | | | | |
| | 5 | | | | 10 | | | | 15 | | | | 20 | | | | | | | | |
| 70 | | | | | | | | | | | | | | | | | | | | | |
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| 34 | | | | | | | | | | | | | | | | | | | | | |
| 33 | X | X | | | | | | | | | | | | | | | | | | | |
| 32 | X | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | |
| 30 | X | X | X | X | X | | | | | | | | | | | | | | | | |
| 29 | X | X | X | | | | | | | | | | | | | | | | | | |
| 28 | X | | | | | | | | | | | | | | | | | | | | |
| 27 | X | X | X | X | X | | | | | | | | | | | | | | | | |
| 26 | X | X | X | X | | | | | | | | | | | | | | | | | |
| 25 | X | X | X | X | X | X | X | X | X | | | | | | | | | | | | |
| 24 | X | X | X | X | X | | | | | | | | | | | | | | | | |
| 23 | X | X | X | X | X | X | X | X | X | X | | | | | | | | | | | |
| 22 | X | X | X | X | X | X | X | | | | | | | | | | | | | | |
| 21 | X | X | | | | | | | | | | | | | | | | | | | |
| 20 | X | X | X | X | | | | | | | | | | | | | | | | | |
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| 17 | X | X | | | | | | | | | | | | | | | | | | | |
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| 14 | X | | | | | | | | | | | | | | | | | | | | |
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COMMENTS:

This segment of East Rossi Street is classified as a minor arterial in the City of Salinas General Plan. The surrounding land use includes residential and industrial. Speed data collected on May 12, 2025, revealed the 85th percentile speed of 31 mph. The 10 mph pace ranges from 24 mph to 33 mph and suggests the 85th percentile is within this range. Based on the surrounding land use, the 10 mph pace range, and the prevailing speeds rounded down and reduced by 5 mph per MUTCD option 1, the existing posted speed limit of 25 mph should be retained.

| AREA | DESCRIPTION | MAP SYMBOL |  |
|---|--------------------------|---|---|
| Distance | Approximately 1,150 Feet | <div> ALL-WAY STOP</div> <div> SIGNAL</div> <div> SPEED LIMIT SIGN</div> <div> CITY LIMITS</div> <div> CROSSWALK</div> <div> SCHOOL CROSSWALK</div> | |
| Vertical Alignment | Flat | | |
| Street Width | Varies (60 to 65 Feet) | | |
| No. Lanes and Median | 3-Lane Minor Arterial | | |
| Proposed Speed Zone | 25 MPH | | |
| 85 th Percentile Speed | 31 MPH | | |
| Traffic Volume (Date) | 12,212 (2025) | | |
| Accident Data (2 years) | 1 Collisions (2022-2023) | | |
| Street Segment Collision Rate = $\frac{\text{Collisions}}{\text{Years}} \frac{1,000,000}{\text{ADT}} \frac{1}{\text{Length in Miles}}$ | 0.51 Acc./MVM | | |



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

| | | | | | | |
|------------------|---|------------|------------|-----------|------|---------------|
| Street: | <u>East Rossi Street</u> | Direction: | <u>EBD</u> | Comments: | | |
| Between: | <u>North Main Street and Sherwood Drive</u> | No. 129 | | | | |
| Survey Location: | <u>151 East Rossi Street</u> | | | | | |
| Speed Limit: | <u>25</u> MPH | | | | | |
| Date: | <u>05/12/25</u> | | | | Day: | <u>Monday</u> |
| Hours: From: | <u>02:29</u> | | | | To: | <u>02:51</u> |
| Weather: | <u>Sunny</u> | | | | | |
| Observer(s): | <u>Rodolfo C</u> | | | | | |

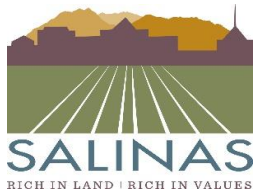
| MPH | Frequency | Percent | Cumulative % | |
|---------|-----------|---------|--------------|--|
| 10 | 0 | 0.00% | 0.00% | |
| 11 | 0 | 0.00% | 0.00% | |
| 12 | 0 | 0.00% | 0.00% | |
| 13 | 0 | 0.00% | 0.00% | |
| 14 | 0 | 0.00% | 0.00% | |
| 15 | 0 | 0.00% | 0.00% | |
| 16 | 0 | 0.00% | 0.00% | |
| 17 | 0 | 0.00% | 0.00% | |
| 18 | 0 | 0.00% | 0.00% | |
| 19 | 1 | 2.00% | 2.00% | |
| 20 | 3 | 6.00% | 8.00% | |
| 21 | 1 | 2.00% | 10.00% | |
| 22 | 3 | 6.00% | 16.00% | |
| 23 | 2 | 4.00% | 20.00% | |
| 24 | 7 | 14.00% | 34.00% | |
| 25 | 4 | 8.00% | 42.00% | |
| 26 | 4 | 8.00% | 50.00% | |
| 27 | 2 | 4.00% | 54.00% | |
| 28 | 4 | 8.00% | 62.00% | |
| 29 | 3 | 6.00% | 68.00% | |
| 30 | 5 | 10.00% | 78.00% | |
| 31 | 2 | 4.00% | 82.00% | |
| 32 | 4 | 8.00% | 90.00% | |
| 33 | 4 | 8.00% | 98.00% | |
| 34 | 0 | 0.00% | 98.00% | |
| 35 | 1 | 2.00% | 100.00% | |
| 36 | 0 | 0.00% | 100.00% | |
| 37 | 0 | 0.00% | 100.00% | |
| 38 | 0 | 0.00% | 100.00% | |
| 39 | 0 | 0.00% | 100.00% | |
| 40 | 0 | 0.00% | 100.00% | |
| 41 | 0 | 0.00% | 100.00% | |
| 42 | 0 | 0.00% | 100.00% | |
| 43 | 0 | 0.00% | 100.00% | |
| 44 | 0 | 0.00% | 100.00% | |
| 45 | 0 | 0.00% | 100.00% | |
| 46 | 0 | 0.00% | 100.00% | |
| 47 | 0 | 0.00% | 100.00% | |
| 48 | 0 | 0.00% | 100.00% | |
| 49 | 0 | 0.00% | 100.00% | |
| 50 | 0 | 0.00% | 100.00% | |
| 51 | 0 | 0.00% | 100.00% | |
| 52 | 0 | 0.00% | 100.00% | |
| 53 | 0 | 0.00% | 100.00% | |
| 54 | 0 | 0.00% | 100.00% | |
| Totals: | 50 | 100.00% | | |

Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 26.9 | MPH |
| Sample Variance: | 17.09 | |
| Standard Deviation: | 4.1 | |
| Variance of the Mean: | 0.3418 | |
| Standard Error of the Mean: | 0.6 | |
| 10 MPH Pace: | 24 | To: 33 MPH |
| Percent in Pace: | 78.0% | |
| Vehicles in Pace: | 39 | |
| 50th Percentile Speed: | 26 | MPH |
| 85th Percentile Speed: | 32 | MPH |
| 90th Percentile Speed: | 32 | MPH |
| 95th Percentile Speed: | 33 | MPH |

Cumulative Frequency Distribution

Frequency Distribution



CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

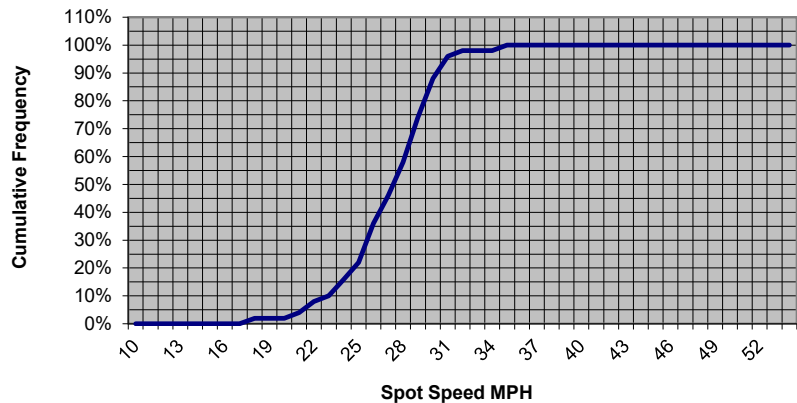
| | | | | | |
|------------------|---|------------|--------------|--|-----------|
| Street: | <u>East Rossi Street</u> | Direction: | <u>WBD</u> | | Comments: |
| Between: | <u>North Main Street and Sherwood Drive</u> | No. 129 | | | |
| Survey Location: | <u>151 East Rossi Street</u> | | | | |
| Speed Limit: | <u>25</u> MPH | | | | |
| Date: | <u>05/12/25</u> | | | | |
| Hours: | From: <u>02:29</u> | To: | <u>02:51</u> | | |
| Weather: | <u>Sunny</u> | | | | |
| Observer(s): | <u>Rodolfo C</u> | | | | |

| MPH | Frequency | Percent | Cumulative % |
|---------|-----------|---------|--------------|
| 10 | 0 | 0.00% | 0.00% |
| 11 | 0 | 0.00% | 0.00% |
| 12 | 0 | 0.00% | 0.00% |
| 13 | 0 | 0.00% | 0.00% |
| 14 | 0 | 0.00% | 0.00% |
| 15 | 0 | 0.00% | 0.00% |
| 16 | 0 | 0.00% | 0.00% |
| 17 | 0 | 0.00% | 0.00% |
| 18 | 1 | 2.00% | 2.00% |
| 19 | 0 | 0.00% | 2.00% |
| 20 | 0 | 0.00% | 2.00% |
| 21 | 1 | 2.00% | 4.00% |
| 22 | 2 | 4.00% | 8.00% |
| 23 | 1 | 2.00% | 10.00% |
| 24 | 3 | 6.00% | 16.00% |
| 25 | 3 | 6.00% | 22.00% |
| 26 | 7 | 14.00% | 36.00% |
| 27 | 5 | 10.00% | 46.00% |
| 28 | 6 | 12.00% | 58.00% |
| 29 | 8 | 16.00% | 74.00% |
| 30 | 7 | 14.00% | 88.00% |
| 31 | 4 | 8.00% | 96.00% |
| 32 | 1 | 2.00% | 98.00% |
| 33 | 0 | 0.00% | 98.00% |
| 34 | 0 | 0.00% | 98.00% |
| 35 | 1 | 2.00% | 100.00% |
| 36 | 0 | 0.00% | 100.00% |
| 37 | 0 | 0.00% | 100.00% |
| 38 | 0 | 0.00% | 100.00% |
| 39 | 0 | 0.00% | 100.00% |
| 40 | 0 | 0.00% | 100.00% |
| 41 | 0 | 0.00% | 100.00% |
| 42 | 0 | 0.00% | 100.00% |
| 43 | 0 | 0.00% | 100.00% |
| 44 | 0 | 0.00% | 100.00% |
| 45 | 0 | 0.00% | 100.00% |
| 46 | 0 | 0.00% | 100.00% |
| 47 | 0 | 0.00% | 100.00% |
| 48 | 0 | 0.00% | 100.00% |
| 49 | 0 | 0.00% | 100.00% |
| 50 | 0 | 0.00% | 100.00% |
| 51 | 0 | 0.00% | 100.00% |
| 52 | 0 | 0.00% | 100.00% |
| 53 | 0 | 0.00% | 100.00% |
| 54 | 0 | 0.00% | 100.00% |
| Totals: | 50 | 100.00% | |

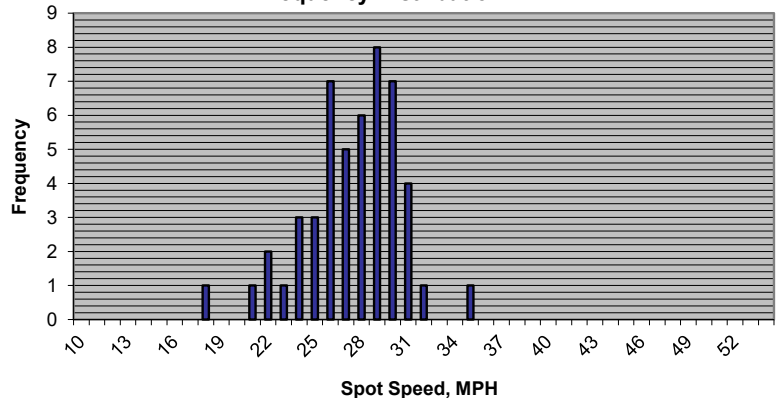
Data Analysis:

| | | |
|-----------------------------|---------------|-------------------|
| Time Mean Speed: | <u>27.4</u> | MPH |
| Sample Variance: | <u>9.68</u> | |
| Standard Deviation: | <u>3.1</u> | |
| Variance of the Mean: | <u>0.1936</u> | |
| Standard Error of the Mean: | <u>0.4</u> | |
| 10 MPH Pace: | <u>22</u> | To: <u>31</u> MPH |
| Percent in Pace: | <u>92.0%</u> | |
| Vehicles in Pace: | <u>46</u> | |
| 50th Percentile Speed: | <u>28</u> | MPH |
| 85th Percentile Speed: | <u>30</u> | MPH |
| 90th Percentile Speed: | <u>31</u> | MPH |
| 95th Percentile Speed: | <u>31</u> | MPH |

Cumulative Frequency Distribution



Frequency Distribution





CITY OF SALINAS

DEPARTMENT OF DEVELOPMENT & ENGINEERING SERVICES

RADAR SURVEY

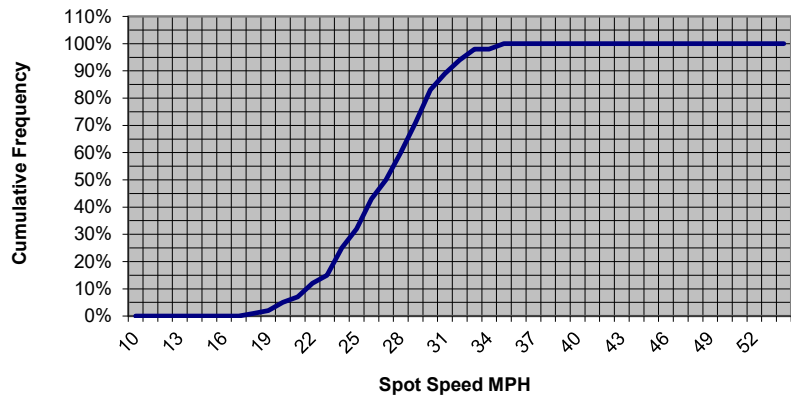
| | | | | |
|------------------|--------------------------------------|------------|---------|-----------|
| Street: | East Rossi Street | Direction: | EBD/WBD | Comments: |
| Between: | North Main Street and Sherwood Drive | No. 129 | | |
| Survey Location: | 151 East Rossi Street | | | |
| Speed Limit: | 25 MPH | | | |
| Date: | 05/12/25 | | | |
| Hours: | From: 02:29 | To: | 02:51 | |
| Weather: | Sunny | | | |
| Observer(s): | Rodolfo C | | | |

| MPH | Frequency | Percent | Cumulative % |
|---------|-----------|---------|--------------|
| 10 | 0 | 0.00% | 0.00% |
| 11 | 0 | 0.00% | 0.00% |
| 12 | 0 | 0.00% | 0.00% |
| 13 | 0 | 0.00% | 0.00% |
| 14 | 0 | 0.00% | 0.00% |
| 15 | 0 | 0.00% | 0.00% |
| 16 | 0 | 0.00% | 0.00% |
| 17 | 0 | 0.00% | 0.00% |
| 18 | 1 | 1.00% | 1.00% |
| 19 | 1 | 1.00% | 2.00% |
| 20 | 3 | 3.00% | 5.00% |
| 21 | 2 | 2.00% | 7.00% |
| 22 | 5 | 5.00% | 12.00% |
| 23 | 3 | 3.00% | 15.00% |
| 24 | 10 | 10.00% | 25.00% |
| 25 | 7 | 7.00% | 32.00% |
| 26 | 11 | 11.00% | 43.00% |
| 27 | 7 | 7.00% | 50.00% |
| 28 | 10 | 10.00% | 60.00% |
| 29 | 11 | 11.00% | 71.00% |
| 30 | 12 | 12.00% | 83.00% |
| 31 | 6 | 6.00% | 89.00% |
| 32 | 5 | 5.00% | 94.00% |
| 33 | 4 | 4.00% | 98.00% |
| 34 | 0 | 0.00% | 98.00% |
| 35 | 2 | 2.00% | 100.00% |
| 36 | 0 | 0.00% | 100.00% |
| 37 | 0 | 0.00% | 100.00% |
| 38 | 0 | 0.00% | 100.00% |
| 39 | 0 | 0.00% | 100.00% |
| 40 | 0 | 0.00% | 100.00% |
| 41 | 0 | 0.00% | 100.00% |
| 42 | 0 | 0.00% | 100.00% |
| 43 | 0 | 0.00% | 100.00% |
| 44 | 0 | 0.00% | 100.00% |
| 45 | 0 | 0.00% | 100.00% |
| 46 | 0 | 0.00% | 100.00% |
| 47 | 0 | 0.00% | 100.00% |
| 48 | 0 | 0.00% | 100.00% |
| 49 | 0 | 0.00% | 100.00% |
| 50 | 0 | 0.00% | 100.00% |
| 51 | 0 | 0.00% | 100.00% |
| 52 | 0 | 0.00% | 100.00% |
| 53 | 0 | 0.00% | 100.00% |
| 54 | 0 | 0.00% | 100.00% |
| Totals: | 100 | 100.00% | |

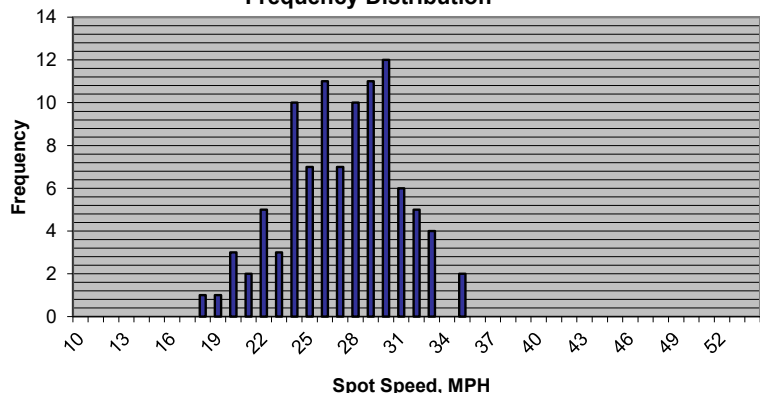
Data Analysis:

| | | |
|-----------------------------|--------|------------|
| Time Mean Speed: | 27.2 | MPH |
| Sample Variance: | 13.32 | |
| Standard Deviation: | 3.6 | |
| Variance of the Mean: | 0.1332 | |
| Standard Error of the Mean: | 0.4 | |
| 10 MPH Pace: | 24 | To: 33 MPH |
| Percent in Pace: | 83.0% | |
| Vehicles in Pace: | 83 | |
| 50th Percentile Speed: | 27 | MPH |
| 85th Percentile Speed: | 31 | MPH |
| 90th Percentile Speed: | 32 | MPH |
| 95th Percentile Speed: | 33 | MPH |

Cumulative Frequency Distribution



Frequency Distribution



SPEED SURVEY FIELD SHEET

CITY OF SALINAS

SITE CODE

129

LOCATION E. Rossi St. between N. Main St. and Sherwood Dr.

DATE 05/12 DAY Monday

TIME 2:29 TO 2:51

OBSERVER Rodolfo C

CALCULATED BY Rodolfo C

WEATHER Sunny

| Direction: <u>E.B</u> | | | | |
|-----------------------|--------------------------------|----|----|----|
| MPH | Number of Vehicles <u>AWAY</u> | | | |
| | 5 | 10 | 15 | 20 |
| 70 | | | | |
| 69 | | | | |
| 68 | | | | |
| 67 | | | | |
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| Direction: <u>W.B</u> | | | | |
|-----------------------|---------------------------------|----|----|----|
| MPH | Number of Vehicles <u>CLOSE</u> | | | |
| | 5 | 10 | 15 | 20 |
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