



CITY OF SALINAS

TRAFFIC & TRANSPORTATION COMMISSION STAFF REPORT

DATE: JANUARY 8, 2026

DEPARTMENT: PUBLIC WORKS, TRAFFIC & TRANSPORTATION DIVISION

FROM: GERARDO RODRIGUEZ, ASSISTANT ENGINEER
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TITLE: ALL-WAY STOP REQUEST FOR NORTH MADEIRA AVENUE
AND ROOSEVELT STREET

RECOMMENDED MOTION:

Motion to recommend City Council approve a Resolution establishing All-Way STOP installation at the intersection of North Madeira Avenue and Roosevelt Street.

EXECUTIVE SUMMARY:

In 2023, staff received a request to evaluate the potential of establishing an All-Way STOP at the intersection of North Madeira Avenue and Roosevelt Street. The request was received from concerns regarding collisions, senior centers adjacent to the intersection, and students walking at this intersection to school. All-Way STOPs are considered using a combination of quantitative and qualitative measures. This intersection satisfies both with a history of broadside collisions and proximity to land use generators and is recommended for installation pending Council approval.

BACKGROUND:

In mid-2023, staff received a request from a resident with neighborhood support to evaluate the potential of installing All-Way STOP controls at the intersection of North Madeira Avenue and Roosevelt Street. Staff performed a traffic analysis that utilizes a combination of quantitative and qualitative establishment criteria measures recommended by the California Manual on Traffic Control Devices (CA-MUTCD).

The CA-MUTCD states that in order for an all way stop condition to be warranted, the intersection should either have five or more reported correctable collisions in a 12-month period or have an average of at least 300 vehicles per hour from the major approach and 200 vehicles, pedestrians and bicyclists per hour from the minor street approaches for an 8-hour period of the day. The manual also allows for reductions to these thresholds if the approach speed on the major street exceeds 40mph. Staff conducted a stop warrant analysis and concluded that while this intersection did not satisfy the 8-hour volume criterion (the criterion was satisfied for only 3 hours), the traffic volume on both the major and minor street are approximately equal and the intersection would improve traffic operations with the installation of an All-Way STOP.

The qualitative establishment criteria consider other contributing factors that may satisfy establishment criteria using engineering judgement. Factors analyzed in the qualitative analysis include elements such as land use generators (schools, business districts, etc.), geometric conditions (blind curves, unimproved shoulders, etc.), and corridor planning measures (interim solution while large improvements are built). When considering the qualitative establishment criteria, this intersection satisfies this criterion given the intersection's proximity to a school bus pickup/drop off, Laz Paz Park, senior center and pedestrian crossings for middle and high schools.

Additionally, all-way stop can improve traffic operations for right-of-way purposes on this intersection given the similar traffic volumes on both streets and therefore staff recommend for the installation of an all-way stop.

CEQA CONSIDERATION:

The City of Salinas has determined that the project is exempt from the California Environmental Quality Act (CEQA) Guidelines (Section 15301, Class 1) because the project proposes minor alteration of an existing public facilities.

STRATEGIC PLAN INITIATIVE:

This item supports City Council's Vision and Strategic Goals of Public Safety and Infrastructure.

DEPARTMENTAL COORDINATION:

Street Signs are installed and maintained by Public Works staff. Traffic enforcement is coordinated with the Police Department.

FISCAL AND SUSTAINABILITY IMPACT:

The estimated labor and material cost to install the multi-way stop at the intersection of North Madeira Avenue and Roosevelt Street is \$5,500. Sufficient funding is available in the current streets maintenance budget to fund the proposed all-way stop.

ATTACHMENTS:

Attachment 1: North Madeira Avenue and Roosevelt Street Stop Sign Warrant Analysis

Attachment 2: All-Way Stop Sign Plan_ N Madeira at Roosevelt