



CITY OF SALINAS

TRAFFIC & TRANSPORTATION COMMISSION STAFF REPORT

DATE: JANUARY 9, 2020

DEPARTMENT: PUBLIC WORKS, TRANSPORTATION & TRAFFIC DIVISION

FROM: ANDREW EASTERLING, TRAFFIC ENGINEER

DALE CABREROS, STUDENT INTERN

TITLE: “NO PARKING” RED ZONES AND STOP SIGNS AT THE
INTERSECTION OF BUCKHORN DRIVE AT SAGE WAY; AND
AT BUCKHORN DRIVE AND ROCKROSE STREET

RECOMMENDED MOTION:

The Traffic and Transportation Commission is requested to consider recommending the establishment of total of 125 feet “No Parking” red zones and stop signs at the intersections of Buckhorn Drive at Sage Way/Rockrose Way; and at Buckhorn Drive at Rockrose Street to provide sufficient corner sight distance.

RECOMMENDATION:

Recommend to the City Council the establishment of a total of 125 feet of “No Parking” red zones and stop signs at the intersections of Buckhorn Drive at Sage Way/Rockrose Way; and at Buckhorn Drive at Rockrose Street.

EXECUTIVE SUMMARY:

Staff received a request to evaluate sight lines at the intersections on Buckhorn Drive between Sanborn Road and Mesquite Drive. Staff conducted a field review and determined that parked vehicles could obstruct sightlines necessary to provide the minimum stopping sight distance. Staff is recommending the designation of approximately a total of 125 feet of “No Parking” red zones along Buckhorn Drive, equivalent to roughly five (5) parking spaces in total, to provide sufficient sight lines for the minimum stopping sight distance. Furthermore the installation of stop signs on existing street name sign post are recommended at the Rockrose Way and Rockrose Street approaches to Buckhorn Drive.

BACKGROUND:

Staff has received a request from the Salinas Connect App to evaluate sight lines at the intersections on Buckhorn Drive between Sanborn Road and Mesquite Drive. Staff conducted an analysis and determined sight lines necessary to provide the minimum stopping sight distance for traffic. With the installation of the recommended red zones, traffic turning from the side streets

Rockrose Way, Rockrose Street and Sage Way, can make safe turn movements, while being visible to the traffic on the major road Buckhorn Drive with sufficient distance for drivers to react and stop in time to avoid a collision. Based on the analysis and design standards established by state and federal design guidelines, staff is proposing the removal of approximately a total of 125 feet of parking (see Attachment 1).

Intersection sight distance criteria for stop-controlled intersections is typically longer than stopping sight distance to allow the intersection to operate smoothly. Minor-road vehicle operators can wait at the approach until they can adequately evaluate sufficient gaps in traffic so that they can proceed safely without forcing a major-road vehicle to stop or unduly interfering with major-road traffic operations. For this application staff is recommending stopping sight distance as the minimum standard to apply to provide adequate sight lines and also minimize the impacts to on-street parking capacity.

Furthermore the installation of stop signs on existing street name sign post are recommended on the Rockrose Way and Rockrose St approaches to Buckhorn Drive. The intersection of Buckhorn Drive at Sage Way/Rockrose Way is currently single side stop controlled, with three uncontrolled approaches. The use of stop control should be considered at both minor street approaches or all approaches, so that drivers have a reasonable exaction as to who has the right of way. Staff conducted a warrant analysis and determined that these intersections do not meet the volume or collision warrants for side street stop control but because of the restricted views, staff recommends the installation of stop signs on both the Rockrose Way and Rockrose St approaches to Buckhorn Drive in addition to the red zones so that road users stop to adequately observe conflicting traffic on Buckhorn Drive.

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(c)) because the actions consists of operation and minor alteration of an existing City street.

STRATEGIC PLAN INITIATIVE:

The proposed “No Parking” red zones at the intersections of Buckhorn Drive at Sage Way/Rockrose Way and Buckhorn Drive at Rockrose St supports the Council of “well planned city and excellent infrastructure.”

DEPARTMENTAL COORDINATION:

Red zones are installed and maintained by Public Works staff. Parking enforcement is provided in coordination with Parking Enforcement Staff (SERCO) and the Police Department.

FISCAL AND SUSTAINABILITY IMPACT:

The estimated labor and material cost to install the “No Parking” red zones and stop signs at the intersection of Buckhorn Drive at Sage Way and Rockrose Way and Buckhorn Drive is estimated

to be \$975. Sufficient funding is available in the current streets maintenance budget to fund proposed red zones installation.

ATTACHMENTS:

Attachment 1: Proposed Red Zones at Buckhorn Drive at Sage Way and Rockrose Way and Buckhorn Drive