

DEPARTMENT OF TRANSPORTATION**DISTRICT 6 OFFICE**

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Making Conservation
 a California Way of Life

January 6, 2020

06-FRE-198-21.884
 Multi-Family Residential Project
 SPR 19-02

Mr. Sean Brewer
 Assistant City Manager
 City of Coalinga
 155 W. Durian Street
 Coalinga, CA 93210

Dear Mr. Brewer

Caltrans has completed its review of the site plan for the proposed multi-family residential development located on the southeast corner of State Route (SR) 198 and Pacific Street in the City of Coalinga. This segment of SR 198 is mostly a two-lane conventional highway with a speed limit of 45 miles per hour and features a two-way left turn lane and bike lanes in each direction. The project proposes to develop 76 housing units on 4.7 acres of an 8-acre lot. Caltrans has the following comments:

It is recommended that frontage improvements be made along SR 198. To avoid having to relocate trees or light poles to construct sidewalk, a planter strip may be constructed adjacent to the back of the curb with sidewalk constructed beyond that. If the existing fire hydrant on the east side of SR 198 is in the path of the proposed driveway, it may need to be relocated.

The development's proposed driveway on SR 198 appears to fall within the functional area of the SR 198 intersection with Pacific Street, refer to the Transportation Research Board (TRB) Access Management Manual (AMM), 2nd Edition, Exhibits 14-1 and 14-2. Based on the posted speed of 45 mph, the spacing between the proposed upstream driveway and the intersection should not be less than 405 feet for urban/suburban conditions based on the following table:

Posted Speed Limit	Perception-Reaction Time (for Urban/Suburban)*	Perception - Reaction Distance*	Deceleration-Maneuver Distance**	Total Distance
45 MPH	1.5 seconds	100 feet	305 feet	405 feet

*Exhibit 14-3 – Distance Traveled During Driver's Perception-Reaction

**Exhibit 14-4 – Deceleration – Maneuver Distance Based on Average Deceleration Rate

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Caltrans recommends that the development's proposed driveway on SR 198 should not be permitted any closer than 405 feet from the intersection. Additionally, the distance of Project's proposed driveway on Pacific Street should be shown on the site plan.

If you have any further questions, please contact me at (559) 444 2493.

Sincerely,



DAVID PADILLA
Associate Transportation Planner
Division of Transportation Planning

c: Michael Navarro, Chief, Planning North Branch, Caltrans