

## California Department of Transportation

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July 3, 2024

1-HUM-101-120.23  
Shoreline Fuel Mart Project  
Parcels 520-151-015 & 520-151-016

Steve Lazar, Senior Planner  
Planning and Building Department  
County of Humboldt  
3015 H St.  
Eureka, CA 95501

Dear Mr. Lazar:

Thank you for giving Caltrans the opportunity to review design elements for the proposed Shoreline Fuel Mart, which would construct a 6,065 square foot convenience market and gasoline sales with ten vehicle fueling positions on a site that is currently developed with a 2,076 square foot convenience market and a single vehicle fueling position in Orick. We have the following comments in response to the design changes.

The reduction of the number of access points from three down to two addresses our previously stated concerns. To aid the applicant in preparing designs for the driveways that are in conformance with State standards, we have linked Appendix J of the Caltrans Encroachment Permits Manual: <https://dot.ca.gov/-/media/dot-media/programs/traffic-operations/documents/encroachment-permits/appendix-j-ada.pdf>.

The new traffic that is generated from this project has the potential to increase the frequency of collisions as a result of northbound left-turns from US 101 into the Shoreline Fuel Mart. To mitigate for potential safety impacts from project-generated traffic, the applicant will need to install a Northbound left-turn-lane on Route 101 at the approach to the driveway. The resulting roadway cross-section would require a limited widening of the roadway to accommodate two-12-foot lanes, two 4-foot shoulders, and a 12-foot left-turn-lane.

The attached right of way map at this location shows that the State has 35-feet from the centerline on both sides of the highway. The existing landscaping extends to about 30-feet from the centerline, which appears to match the new landscape shown on the site plan. The installation of landscaping within Caltrans right of way will require an encroachment permit. Landscaping elements must not interfere with corner sight distance for vehicles leaving the site. Sight distance requirements can be found in Table 201.1 of the Caltrans Highway Design Manual, found here: <https://dot.ca.gov/-/media/dot-media/programs/design/documents/hdm-complete-12312020a11y.pdf>.

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Any work within Caltrans right of way will require an encroachment permit from Caltrans. The change to the highway geometry requires that the approval process follow the Quality Management Assessment Process (QMAP), rather than the Encroachment Permit Office Process (EPOP). Appendix I of the Caltrans Project Development Procedures Manual (PDPM) provides a description of the QMAP approval process, see attached.

Please contact me with questions or for further assistance with the comments provided at (707) 684-6879 or by email: <jesse.robertson@dot.ca.gov>.

Sincerely,

*Jesse G. Robertson*

JESSE ROBERTSON  
System Planning Branch Chief  
Caltrans District 1

e-copy: Heidi Quintrell, Chief, Caltrans District 1 Encroachment Permits