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To: stateroute73@dot.ca.gov
Cc: OLRA@DOC; [OPR State Clearinghouse](#)
Subject: State Route 37 Sears Point to Mare Island Improvement Project - SCH No. 2020070226
Date: Friday, January 31, 2025 8:17:56 AM
Attachments: [image001.png](#)

Dear Skylar Nguyen,

The California Geological Survey (CGS) has received the Draft Supplemental Environmental Impact Report (DSEIR) for the State Route 37 Sears Point to Mare Island Improvement Project. This email conveys recommendations from CGS concerning geologic issues related to the project area as addressed in the DSEIR.

1. Surface Fault Rupture Hazard

The DSEIR is presented as a supplement to the 2023 Final Environmental Impact Report/Environmental Assessment (2023 Final EIR/AE), addressing changes to the project that require supplemental evaluation. The DSEIR states that the 2023 Final EIR/AE Geology and Soils analysis noted that the project area is not located in an Alquist-Priolo Earthquake Fault Zone (EFZ) and based on that, and other geological observations, concluded that there were no significant impacts from the project related to geology and soils. However, although this was correct in 2023, since the completion of the 2023 Final EIR/AE, the CGS has published a new Fault Evaluation Report for the Rodgers Creek fault and has established a revised Earthquake Fault Zone/Earthquake Zone of Required Investigation (EFZ/EZRI) around the fault. Part of the Project is now included in the EFZ/EZRI for the Rodgers Creek fault. Consequently, the conclusion of the 2023 Final EIR/AE is no longer applicable. The SEIR and supporting documents should address potential surface fault rupture hazard as it relates to the design of the proposed structures.

The Rodgers Creek fault EFZ/EZRI can be found at:

<https://maps.conservation.ca.gov/cgs/informationwarehouse/eqzapp/>

Fault Evaluation Report 270, which discusses the fault evaluation and development of the revised EFZ/EZRI, and GIS files of the zones in the Sears Point Quadrangle can be downloaded from:

https://maps.conservation.ca.gov/cgs/informationwarehouse/regulatorymaps/#data_s=id%3AdataSource_3-19030d1c028-layer-3%3A414

Additional information about surface faults can be obtained at the following sites:

<https://usgs.maps.arcgis.com/apps/webappviewer/index.html?id=5a6038b3a1684561a9b0aadf88412fcf>

If you have any additional comments or questions, please feel free to call or email.

Thank you,
Judy Zachariasen

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