

Summary Form for Electronic Document Submittal

Form F

Lead agencies may include 15 hardcopies of this document when submitting electronic copies of Environmental Impact Reports, Negative Declarations, Mitigated Negative Declarations, or Notices of Preparation to the State Clearinghouse (SCH). The SCH also accepts other summaries, such as EIR Executive Summaries prepared pursuant to CEQA Guidelines Section 15123. Please include one copy of the Notice of Completion Form (NOC) with your submission and attach the summary to each electronic copy of the document.

SCH #: _____

Project Title: Bake Parkway/Jeronimo Road Intersection Improvements

Lead Agency: City of Irvine

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Project Location: Irvine, Lake Forest
City

Orange
County

Project Description (Proposed actions, location, and/or consequences).

The Proposed Project would improve the current intersection performance to an acceptable level of service and reduce traffic congestion. The Proposed Project would involve the following intersection improvements on each respective roadway, as follows:

Bake Parkway

- Maintain the existing six lane facility (i.e., three travel lanes in each direction)
- Construct one additional left-turn lane for northbound (NB) Bake Parkway
- Maintain a single southbound (SB) left-turn lane
- Construct a 9-foot wide chevron-striped buffer zone in the SB direction
- Maintain an 8-foot wide on-street bicycle lane for the NB direction to accommodate the improvements
- Provide a 7-foot wide on-street bicycle lane for the SB direction to accommodate the improvements

(Please see continuation page)

Identify the project's significant or potentially significant effects and briefly describe any proposed mitigation measures that would reduce or avoid that effect.

Biological Resources:

Mitigation measure BIO-1 would be implemented to avoid and/or minimize any potential impacts on nesting birds.

Measure BIO-2 would be implemented for the project to be in compliance with local tree policies and ordinances.

Cultural Resources:

With implementation of Measure CUL-1, potential impacts on unknown archaeological resources that may underlie the project site would be reduced. Measure CUL-2 would be implemented for potential impacts on unknown human remains discovered in the project area.

Geology:

Measure GEO-1 would be incorporated for potential impacts on paleontological resources.

Hazards and Hazardous Wastes:

Measures HAZ-1 and HAZ-2 would be implemented in the event that unknown waste materials or suspect materials are discovered.

(Please see continuation page)

If applicable, describe any of the project's areas of controversy known to the Lead Agency, including issues raised by agencies and the public.

Not Applicable.

Provide a list of the responsible or trustee agencies for the project.

City of Lake Forest.

The project is located both in the City of Irvine and City of Lake Forest. The westerly leg of the intersection is within the City of Irvine, and the remaining legs of the intersection are within the City of Lake Forest.

Project Description (Proposed actions, location, and/or consequences)

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- Realign the existing 5-foot-wide curb-adjacent sidewalk along SB Bake Parkway, south of the intersection, to accommodate the proposed design.
- Reduce SB sidewalk width, north of the intersection, to 5 feet within the Proposed Project limits.
- Relocate existing catch basins currently located on the northeastern corner of the intersection.
- Relocate existing Southern California Edison (SCE) wooden poles currently located along SB Bake Parkway to accommodate the Proposed Project improvements.
- Construct ADA-compatible curb ramps for the intersection.
- Reconstruct the existing raised median, south of the intersection, to maintain a 2-foot-minimum median width. Additionally, remove the existing stamped-concrete material and replace it with cobblestone material up to the railroad limits at the existing bridge crossing.
- Protect the existing median, north of the intersection, in place. Replace the existing stamped-concrete material with cobblestone material.
- Remove and reconstruct an existing Orange County Flood Control District (OCFCD) access-roadway driveway located on SB Bake Parkway.
- Relocate four SCE overhead powerline poles.
- Construct a retaining wall near station 80+10 to minimize impacts on the existing OCFCD channel.

Jeronimo Road

- Maintain an existing four-lane facility (i.e., two travel lanes in each direction)
- Construct one additional left-turn lane for westbound (WB) Jeronimo Road.
- Maintain two left-turn lanes for eastbound (EB) Jeronimo Road.
- Provide 8-foot-wide on-street bicycle lanes for both WB and EB Jeronimo Road.
- Provide a 6-foot-wide bicycle lane between the through and right-turn lanes for EB Jeronimo Road as it approaches the intersection.
- Provide a 12-foot-wide right-turn lane in the EB direction.
- Realign the existing 5-foot-wide curb-adjacent sidewalk along both EB and WB Jeronimo Road to accommodate the Proposed Project design.
- Provide an 8-foot-wide sidewalk at the existing bus stop locations.
- Construct retaining walls along WB Jeronimo Road to minimize the required impact on the adjacent residential property.
- Remove and reconstruct an existing OCFCD access-roadway driveway currently located on WB Jeronimo Road.

The Proposed Project is also anticipated to require partial right of way acquisition of approximately 9,684 square feet.

Identify the project's significant or potentially significant effects and briefly describe any proposed mitigation measures that would reduce or avoid that effect.

(Continued from page 1)

Noise:

Implementation of Measure NOI-1 would minimize noise during the construction phase.

Transportation/Traffic:

During the short-term construction phase, construction traffic would occur and include the transfer of construction equipment, worker trips, and hauling trips for soil and construction materials. Measure TR-1 will be implemented and include the preparation of a TMP to minimize potential safety impacts during the construction phase.