

Notice of Completion & Environmental Document Transmittal

Mail to: State Clearinghouse, P.O. Box 3044, Sacramento, CA 95812-3044 (916) 445-0613
 For Hand Delivery/Street Address: 1400 Tenth Street, Sacramento, CA 95814

SC#19099031

Project Title: Ranchero Road Aqueduct Crossing Project

Lead Agency: City of Hesperia Contact Person: Tina Souza
 Mailing Address: Development Services Department 9700 7th Avenue Phone: (760) 947-1474
 City: Hesperia, California Zip: 92345 County: San Bernardino

Project Location: County: San Bernardino City/Nearest Community: Hesperia
 Cross Streets: Kern Avenue, Via Antigua Zip Code: 92345

Longitude/Latitude (degrees, minutes and seconds): 34 ° 22 ' 58.8 " N / 117 ° 19 ' 44.4 " W Total Acres: 12.65

Assessor's Parcel No.: 0397-201-12 through -17, 0405-841-, 07, 08, 09, and 14, and others Section: 31/32 Twp.: 4N Range: 4W Base: SBBM

Within 2 Miles: State Hwy #: n/a Waterways: California Aqueduct
 Airports: Hesperia Airport Railways: AT&SF Schools: Cottonwood ES, Just4 Kids Preschool

Document Type:

- | | | | |
|---|--|------------------------------------|---|
| CEQA: <input type="checkbox"/> NOP | <input type="checkbox"/> Draft EIR | NEPA: <input type="checkbox"/> NOI | <input type="checkbox"/> Joint Document |
| <input type="checkbox"/> Early Cons | <input type="checkbox"/> Supplement/Subsequent EIR | <input type="checkbox"/> EA | <input type="checkbox"/> Final Document |
| <input type="checkbox"/> Neg Dec | (Prior SCH No.) _____ | <input type="checkbox"/> Draft EIS | <input type="checkbox"/> Other: _____ |
| <input checked="" type="checkbox"/> Mit Neg Dec | Other: _____ | <input type="checkbox"/> FONSI | |

Governor's Office of Planning & Research

SEP 12 2019

Local Action Type:

- | | | | |
|---|---|--|--|
| <input type="checkbox"/> General Plan Update | <input type="checkbox"/> Specific Plan | <input type="checkbox"/> Rezone | <input type="checkbox"/> Annexation |
| <input type="checkbox"/> General Plan Amendment | <input type="checkbox"/> Master Plan | <input type="checkbox"/> Prezone | <input type="checkbox"/> Redevelopment |
| <input type="checkbox"/> General Plan Element | <input type="checkbox"/> Planned Unit Development | <input type="checkbox"/> Use Permit | <input type="checkbox"/> Coastal Permit |
| <input type="checkbox"/> Community Plan | <input type="checkbox"/> Site Plan | <input type="checkbox"/> Land Division (Subdivision, etc.) | <input checked="" type="checkbox"/> Other: <u>City Project, Bridge Replacement</u> |

STATE CLEARINGHOUSE

Development Type:

- | | |
|---|---|
| <input type="checkbox"/> Residential: Units _____ Acres _____ | <input type="checkbox"/> Transportation: Type _____ |
| <input type="checkbox"/> Office: Sq.ft. _____ Acres _____ Employees _____ | <input type="checkbox"/> Mining: Mineral _____ |
| <input type="checkbox"/> Commercial: Sq.ft. _____ Acres _____ Employees _____ | <input type="checkbox"/> Power: Type _____ MW _____ |
| <input type="checkbox"/> Industrial: Sq.ft. _____ Acres _____ Employees _____ | <input type="checkbox"/> Waste Treatment: Type _____ MGD _____ |
| <input type="checkbox"/> Educational: _____ | <input type="checkbox"/> Hazardous Waste: Type _____ |
| <input type="checkbox"/> Recreational: _____ | <input checked="" type="checkbox"/> Other: <u>Bridge Replacement (Demolition and Replacement)</u> |
| <input type="checkbox"/> Water Facilities: Type _____ MGD _____ | |

Project Issues Discussed in Document:

- | | | | |
|--|--|---|---|
| <input checked="" type="checkbox"/> Aesthetic/Visual | <input type="checkbox"/> Fiscal | <input checked="" type="checkbox"/> Recreation/Parks | <input type="checkbox"/> Vegetation |
| <input checked="" type="checkbox"/> Agricultural Land | <input checked="" type="checkbox"/> Flood Plain/Flooding | <input type="checkbox"/> Schools/Universities | <input type="checkbox"/> Water Quality |
| <input checked="" type="checkbox"/> Air Quality | <input type="checkbox"/> Forest Land/Fire Hazard | <input type="checkbox"/> Septic Systems | <input type="checkbox"/> Water Supply/Groundwater |
| <input checked="" type="checkbox"/> Archeological/Historical | <input checked="" type="checkbox"/> Geologic/Seismic | <input type="checkbox"/> Sewer Capacity | <input type="checkbox"/> Wetland/Riparian |
| <input checked="" type="checkbox"/> Biological Resources | <input checked="" type="checkbox"/> Minerals | <input checked="" type="checkbox"/> Soil Erosion/Compaction/Grading | <input type="checkbox"/> Growth Inducement |
| <input type="checkbox"/> Coastal Zone | <input checked="" type="checkbox"/> Noise | <input type="checkbox"/> Solid Waste | <input checked="" type="checkbox"/> Land Use |
| <input type="checkbox"/> Drainage/Absorption | <input checked="" type="checkbox"/> Population/Housing Balance | <input checked="" type="checkbox"/> Toxic/Hazardous | <input type="checkbox"/> Cumulative Effects |
| <input type="checkbox"/> Economic/Jobs | <input checked="" type="checkbox"/> Public Services/Facilities | <input checked="" type="checkbox"/> Traffic/Circulation | <input type="checkbox"/> Other: _____ |

Present Land Use/Zoning/General Plan Designation:

Current: Roadway, GP: Aqueduct (AQ); Agricultural (A1); Rural Residential (RR-20000; Residential (R1-18000), Zoning: Aqueduct (AQ); Agricultural (A1); Rural Residential (RR-20000; Residential (R1-18000)

Project Description: The project proposes to replace the existing two-lane, two-span structure over the California Aqueduct with a new six-lane, single-span structure (refer to Figure 2 at the end of this chapter). The replacement bridge would be constructed for future accommodation of six lanes in support of the City's "ultimate" build out of Ranchero Road as a six-lane *Special Major Arterial* roadway, but it would be striped as a four-lane roadway and include a median and shared pedestrian sidewalk/bike pathways to correspond with the anticipated roadway capacity of Ranchero Road pursuant to the Ranchero Road Widening Project, which is four lanes.

Note: The State Clearinghouse will assign identification numbers for all new projects. If a SCH number already exists for a project (e.g. Notice of Preparation or previous draft document) please fill in.

Reviewing Agencies Checklist

Lead Agencies may recommend State Clearinghouse distribution by marking agencies below with an "X".
If you have already sent your document to the agency please denote that with an "S".

<input type="checkbox"/> Air Resources Board	<input checked="" type="checkbox"/> Office of Historic Preservation
<input type="checkbox"/> Boating & Waterways, Department of	<input type="checkbox"/> Office of Public School Construction
<input type="checkbox"/> California Emergency Management Agency	<input type="checkbox"/> Parks & Recreation, Department of
<input type="checkbox"/> California Highway Patrol	<input type="checkbox"/> Pesticide Regulation, Department of
<input checked="" type="checkbox"/> Caltrans District # 8	<input type="checkbox"/> Public Utilities Commission
<input type="checkbox"/> Caltrans Division of Aeronautics	<input checked="" type="checkbox"/> S Regional WQCB # 6
<input type="checkbox"/> Caltrans Planning	<input type="checkbox"/> Resources Agency
<input type="checkbox"/> Central Valley Flood Protection Board	<input type="checkbox"/> Resources Recycling and Recovery, Department of
<input type="checkbox"/> Coachella Valley Mtns. Conservancy	<input type="checkbox"/> S.F. Bay Conservation & Development Comm.
<input type="checkbox"/> Coastal Commission	<input type="checkbox"/> San Gabriel & Lower L.A. Rivers & Mtns. Conservancy
<input type="checkbox"/> Colorado River Board	<input type="checkbox"/> San Joaquin River Conservancy
<input type="checkbox"/> Conservation, Department of	<input type="checkbox"/> Santa Monica Mtns. Conservancy
<input type="checkbox"/> Corrections, Department of	<input type="checkbox"/> State Lands Commission
<input type="checkbox"/> Delta Protection Commission	<input type="checkbox"/> SWRCB: Clean Water Grants
<input type="checkbox"/> Education, Department of	<input type="checkbox"/> SWRCB: Water Quality
<input type="checkbox"/> Energy Commission	<input type="checkbox"/> SWRCB: Water Rights
<input checked="" type="checkbox"/> Fish & Game Region # 6	<input type="checkbox"/> Tahoe Regional Planning Agency
<input type="checkbox"/> Food & Agriculture, Department of	<input type="checkbox"/> Toxic Substances Control, Department of
<input type="checkbox"/> Forestry and Fire Protection, Department of	<input checked="" type="checkbox"/> Water Resources, Department of
<input type="checkbox"/> General Services, Department of	Other: _____
<input type="checkbox"/> Health Services, Department of	Other: _____
<input type="checkbox"/> Housing & Community Development	
<input checked="" type="checkbox"/> Native American Heritage Commission	

Local Public Review Period (to be filled in by lead agency)

Starting Date September 12, 2019 Ending Date October 14, 2019

Lead Agency (Complete if applicable):

Consulting Firm: <u>LSA</u>	Applicant: <u>City of Hesperia, Tina Souza - Management Analyst,</u>
Address: <u>1500 Iowa Avenue, Suite 200</u>	Address: <u>Development Services Department 9700 7th Avenue</u>
City/State/Zip: <u>Riverside, CA 92507</u>	City/State/Zip: <u>Hesperia, CA 92345</u>
Contact: <u>Carl Winter</u>	Phone: <u>(760) 947-1474</u>
Phone: <u>(951) 781-9310</u>	

Signature of Lead Agency Representative:  Date: 9/11/2019

Authority cited: Section 21083, Public Resources Code. Reference: Section 21161, Public Resources Code.

RANCHERO ROAD AQUEDUCT CROSSING PROJECT

CITY OF HESPERIA

PROJECT DESCRIPTION

The project proposes to replace the existing two-lane, two-span structure over the California Aqueduct with a new six-lane, single-span structure (refer to Figure 2 at the end of this chapter). The replacement bridge would be constructed for future accommodation of six lanes in support of the City's "ultimate" build out of Ranchoero Road as a six-lane *Special Major Arterial* roadway, but it would be striped as a four-lane roadway and include a median and shared pedestrian sidewalk/bike pathways to correspond with the anticipated roadway capacity of Ranchoero Road pursuant to the Ranchoero Road Widening Project, which is four lanes.¹ The project would also construct bridge approach roadway improvements, including drainage and utilities, to accommodate the raised profile for the proposed bridge.

The proposed bridge structure would be constructed in one stage. The existing crossing would need to be temporarily shut down to accommodate bridge removal and one-stage new bridge construction. Construction-related traffic detours will be planned and executed through consultation with the City Engineer to ensure alternate routes are posted and motorists are advised to use specified detour routes.

The proposed improvements include a slight realignment of 11th Avenue, which is a 2-lane corridor with a reverse "S" curve with a 300-foot radius. 11th Avenue is proposed to be realigned slightly to the east and elevated to intersect Ranchoero Road at the bridge. Additionally, a new cul-de-sac street will be constructed on City-owned APN 412-182-26, which would reestablish driveway access to the single-family residence at APN 0412-182-37 and the Just-4-Kids Preschool (APN 0412-182-25) at the northeast quadrant of Ranchoero Road and 11th Avenue. One residential property (APN 0397-201-12) at the southwest corner of Ranchoero Road and Via Antiqua would be acquired and converted to permanent City ROW as part of the proposed project.

The proposed Ranchoero Road alignment starts curving southerly immediately east of the Kern Avenue intersection. It then curves northerly and crosses the California Aqueduct at an approximately 45-degree skew and ties back into the existing centerline at the Via Antiqua intersection. The proposed alignment provides optimized geometrics and maximizes the constructability of a single-span precast girder bridge to comply with Department of Water Resources (DWR) Encroachment Permit Guidelines. The design speed is 55 miles per hour (mph).

The proposed Ranchoero Road profile starts ascending from the west side at 2.3 percent grade over the aqueduct and descends at 5 percent with an 830-foot crest vertical curve and touchdown west of the Via Antiqua intersection. The proposed profile grades are 5 percent or less to comply with Americans with Disabilities Act (ADA) sidewalk requirements. The raised profile is necessary in order to meet the latest requirements imposed by the State of California and DWR, which include:

- New bridge crossings shall be single-span design.
- The minimum vertical clearance between the bottom of the girders and the top of the canal lining shall be 3 feet.

¹ *Ranchoero Road Widening Project Final Environmental Impact Report, SCH# 2012061058. Page S-6. City of Hesperia and County of San Bernardino. June 2013.*

- The minimum horizontal clearance from the face of the abutment to the top of the canal lining shall be 5 feet.

A 240-foot-long Type 1 retaining wall is proposed along the northern property line of properties between APNs 405-841-07 (15362 Kern Avenue) and 405-841-08 (15350 Kern Avenue). The wall is constructed of concrete supported by footing extending a minimum of 2 feet below finished grade. In addition, a 6-foot property wall on Type 736S (modified) concrete barrier is provided on top of the proposed retaining wall to create privacy for the residences. The exposed wall face varies in height between 10.8 feet and 14.6 feet from the top of finished grade. The project would also construct four utility driveways, two on the south side of Rancho Road, one on the north side of Rancho Road, and one off of the realigned 11th Avenue roadway, to facilitate DWR access to both sides of the California Aqueduct.

The existing 14-inch water line in the bridge will be removed prior to demolition. An 8-inch temporary water line will be required during construction to serve the City's needs. The proposed temporary water line would cross the aqueduct at an angle of 90 degrees, just north of the existing bridge. To allow for the continuation of utilities during bridge demolition and construction, the project includes the installation of a temporary 102-foot by 5.5-foot galvanized truss structure that will support the temporary water line. A temporary easement from DWR will accommodate the water line crossing.