

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

SCH #

Project Title: _____
 Lead Agency: _____ Contact Person: _____
 Mailing Address: _____ Phone: _____
 City: _____ Zip: _____ County: _____

Project Location: County: _____ City/Nearest Community: _____
 Cross Streets: _____ Zip Code: _____
 Longitude/Latitude (degrees, minutes and seconds): _____° _____' _____" N / _____° _____' _____" W Total Acres: _____
 Assessor's Parcel No.: _____ Section: _____ Twp.: _____ Range: _____ Base: _____
 Within 2 Miles: State Hwy #: _____ Waterways: _____
 Airports: _____ Railways: _____ Schools: _____

Document Type:

CEQA: <input type="checkbox"/> NOP	<input type="checkbox"/> Draft EIR	NEPA: <input type="checkbox"/> NOI	Other: <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 type="checkbox"/> Mit Neg Dec	Other: _____	<input type="checkbox"/> FONSI	_____

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 type="checkbox"/> Other: _____

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 type="checkbox"/> Other: _____
<input type="checkbox"/> Water Facilities: Type _____ MGD _____	

Project Issues Discussed in Document:

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

Present Land Use/Zoning/General Plan Designation: _____

Project Description: (please use a separate page if necessary)

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 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 type="checkbox"/> Caltrans District # _____	<input type="checkbox"/> Public Utilities Commission
<input type="checkbox"/> Caltrans Division of Aeronautics	<input type="checkbox"/> Regional WQCB # _____
<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 type="checkbox"/> Fish & Game Region # _____	<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 type="checkbox"/> Water Resources, Department of
<input type="checkbox"/> General Services, Department of	
<input type="checkbox"/> Health Services, Department of	<input type="checkbox"/> Other: _____
<input type="checkbox"/> Housing & Community Development	<input type="checkbox"/> Other: _____
<input type="checkbox"/> Native American Heritage Commission	

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

Starting Date _____ Ending Date _____

Lead Agency (Complete if applicable):

Consulting Firm: _____	Applicant: _____
Address: _____	Address: _____
City/State/Zip: _____	City/State/Zip: _____
Contact: _____	Phone: _____
Phone: _____	

Signature of Lead Agency Representative: Nancy Sansonetti Date: _____

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

Project Description

The County of San Bernardino (County), in cooperation with the California Department of Transportation (Caltrans), proposes to replace ten (10) existing timber trestle bridges along National Trails Highway, located mostly between Amboy Road and Kelbaker Road near the communities of Amboy and Essex in San Bernardino County (**Figure 1. Project Vicinity, Figure 2. Project Location, Figure 3. Project Features**). A summary of the existing 10 bridges including their length, width, spans, and locations is listed below.

Caltrans, as assigned by the Federal Highway Administration (FHWA), is the lead agency under the National Environmental Policy Act (NEPA). The County of San Bernardino is the lead agency under the California Environmental Quality Act (CEQA).

Bridge Name	Bridge Number	Existing Bridge Length	Existing Bridge Width	Original Number of Spans (Current Spans)	Location
Bristol Ditch	54C0272	40 feet	28 feet	2(2)	26.7 miles east of Crucero Rd
Cerro Ditch	54C0275	40 feet	28 feet	2(4)	1.3 miles east of Amboy Rd
Gordo Ditch	54C0276	40 feet	28 feet	2(4)	1.8 miles east of Amboy Rd
Cerulia Ditch	54C0277	40 feet	28 feet	2(4)	2.2 miles east of Amboy Rd
Leith Ditch	54C0279	40 feet	28 feet	2(4)	3.1 miles east of Amboy Rd
Terra Ditch	54C0280	40 feet	28 feet	2(4)	3.6 miles east of Amboy Rd
Sombra Ditch	54C0281	78 feet	28 feet	4(8)	4.1 miles east of Amboy Rd
Beacon Ditch	54C0282	40 feet	28 feet	2(4)	6.2 miles east of Amboy Rd
Larissa Ditch	54C0284	40 feet	27 feet	2(4)	1.1 miles east of Kelbaker Rd
Adena Ditch	54C0315	59 feet	28 feet	3(3)	21.9 miles east of Kelbaker Rd

The existing bridges were constructed in 1930 with simple timber girders and a continuous cast-in-place/reinforced concrete deck. The bridges span over various manmade ditches that were created to channel surface drainage flows. The bridges are supported on closed-end backfilled timber pile extension strutted abutments and timber pile extension bents. They now have asphalt overlays. At Cerro, Gordo, Cerulia, Leith, Terra, Sombra, Beacon and Larissa supplemental timber bents and columns were installed at the midspan doubling the number of supports and spans at these bridges. All ten existing bridges are classified Structurally Deficient and have sufficiency ratings from 22.2 to 61.2. All but Bristol Ditch Bridge has a sufficiency rating below 50.

Project Alternatives

Two alternatives are being considered for this Project - the Build Alternative and the No-Build Alternative.

Build Alternative (Build Alternative 1)

The existing bridges are proposed to be replaced with reinforced concrete bridges. The existing soil is sandy and susceptible to scour, so pile extensions would be utilized at the piers and the abutment foundation would be supported on piles. The bridge barrier would be either steel California ST-75 Bridge Rail or Concrete Barrier Type 85, painted white, which are both Manual for Assessing Safety Hardware (MASH) approved, and which best match the original railing. The

bridge lengths would match the existing lengths, if possible, but would be lengthened as needed to convey the storm flows. The width of each replacement bridge would be 34 feet to accommodate two 11-foot lanes, two 4-foot shoulders and the two 2-foot railings. The vertical profile of the bridges will remain close to the existing profile except for those bridges locations in which it is determined that additional vertical clearance is required to provide sufficient water conveyance beneath the bridge. It is anticipated that any such necessary changes in vertical profiles would be 2 feet or less, with the elevation gradually conforming to the existing roadway elevations.

The National Trails Highway alignment would remain unchanged; however, approach road work, up to 800 feet, on either side of each bridge may be needed to conform to the vertical profile of the existing roadway. Grading along the approaches and around the bridges may be needed to ensure storm conveyance and drainage of the area.

A temporary, parallel road realignment, also referred to as a “shoo-fly detour”, would be constructed at each bridge location to accommodate through-traffic during construction. Construction of each bridge replacement is expected to be completed in one season, limiting the time the shoo-fly detour would be in place to one season as well.

Permanent acquisition of right-of-way is not anticipated to be needed; however, temporary construction easements may be needed to accommodate construction of the temporary detour lanes.

The existing utilities include a fiber optic telecommunication line which may require relocation as part of this Project. All utility relocations would be included within the defined limits of the Project area.

Typical equipment for roadway construction would include heavy construction earthmoving equipment, dump trucks and pavers. Typical bridge construction equipment would include cranes, pile drivers, excavators, and concrete pumps.

Transportation System Management (TSM) and Transportation Demand Management (TDM) Alternatives

Transportation System Management (TSM) strategies increase the efficiency of existing facilities primarily to reduce emissions by reducing congestion. Transportation Demand Management (TDM) focuses on regional means of reducing the number of vehicle trips and vehicle miles traveled, as well as increasing vehicle occupancy.

Although no specific TSM features are included as part of the Project, the overall Project serves a transportation system management purpose by providing safer operation of NTH within the limits; therefore, the Project is considered consistent with TSM goals and will support the continued safe and prolonged operation of NTH at each of the bridge locations.

No-Build (No-Action) Alternative

Under the No-Build alternative, the existing NTH bridges would not be replaced. The existing NTH bridges would continue to be rated “Structurally Deficient” by Caltrans under Federal Highway Administration prescribed inspection criteria. Failure of the bridges would likely occur. Therefore, under the No-Build alternative, the NTH bridges will be inconsistent with Countywide goals and policies outlined in the Circulation and Infrastructure Element in the 2007 County of San Bernardino General Plan.