

Notice of Exemption

To: Office of Planning and Research
P.O. Box 3044, Room 113
Sacramento, CA 95812-3044
County Clerk
County of: Santa Barbara

From: (Public Agency) Caltrans, Dist. 05
50 Higuera Street
San Luis Obispo CA 93401-5415

Project Title: Geotechnical Investigation for San Jose Ck Bridge Replacement Project

Project Applicant: California Department of Transportation

Project Location - Specific:
Project is located on the San Jose Creek Bridge, between postmiles 21.6 and 21.7, on State Route 101 in Santa Barbara County.

Project Location - City: Goleta Project Location - County: SB

Description of Nature, Purpose and Beneficiaries of Project:
Caltrans Geotechnical will need to conduct a geotechnical investigation for the proposed San Jose Creek Bridge, located at PM 21.62 on Highway 101 in the City of Goleta, in Santa Barbara County. The purpose of the investigation is to assess subsurface conditions to identify proper foundations for the proposed San Jose Creek Bridge.

Name of Public Agency Approving Project: California Department of Transportation

Name of Person or Agency Carrying Out Project: California Department of Transportation

Exempt Status: (check one):

- Ministerial (Sec. 21080(b)(1); 15268);
Declared Emergency (Sec. 21080(b)(3); 15269(a));
Emergency Project (Sec. 21080(b)(4); 15269(b)(c));
[X] Categorical Exemption. State type and section number: Class 6
Statutory Exemption. State code number:

Reason why project is exempt:
Geotechnical investigation consist of data collection which do not result in serious or major disturbance to an environmental resource and is part of a study that would lead to determination of potential project design.

Lead Agency
Contact Person: Geramaldi Area Code/Telephone/Extension: 805-542-4785

- If filed by applicant:
1. Attach certified document of exemption finding.
2. Has a Notice of Exemption been filed by the public agency approving the project? [X] YES [ ] NO

Signature: [Signature] Date: 6/6/19 Title: Associate Environmental Planner
[X] Signed by Lead Agency [ ] Signed by Applicant

Authority cited: Sections 21083 and 21110, Public Resources Code.
Reference: Sections 21108, 21152, and 21152.1, Public Resources Cc

Date Received for filing at OPR

Governor's Office of Planning & Research

JUNE 06 2019

Revised 2011

STATE CLEARINGHOUSE

**CATEGORICAL EXEMPTION/CATEGORICAL EXCLUSION DETERMINATION FORM**

|                                  |              |                 |   |
|----------------------------------|--------------|-----------------|---|
| <b>05-SB-101</b>                 | <b>21.62</b> | <b>05-1H430</b> | <b>0516000073</b>                                   |
| Dist.-Co.-Rte. (or Local Agency) | P.M./P.M.    | E.A/Project No. | Federal-Aid Project No. (Local Project)/Project No. |

**PROJECT DESCRIPTION:** (Briefly describe project including need, purpose, location, limits, right-of-way requirements, and activities involved in this box. Use Continuation Sheet, if necessary.)

Caltrans Geotechnical will need to conduct a geotechnical investigation for the proposed San Jose Creek Bridge, located at PM 21.62 on Highway 101 in the City of Goleta, in Santa Barbara County. The purpose of the investigation is to assess subsurface conditions to identify proper foundations for the proposed San Jose Creek Bridge. The investigation will involve 2 borings. The boring will be located within existing state right of way and on the existing road way surface. The diameter of the borehole will be approximately 1.5 inches in diameter. The two borings will be located at the bridge supports/abutments and will avoid the creek.

**CALTRANS CEQA DETERMINATION** (Check one)

- Not Applicable – Caltrans is not the CEQA Lead Agency**       **Not Applicable – Caltrans has prepared an Initial Study or Environmental Impact Report under CEQA**

Based on an examination of this proposal, supporting information, and the above statements, the project is:

- Exempt by Statute.** (PRC 21080[b]; 14 CCR 15260 et seq.)  
 **Categorically Exempt. Class 6.** (PRC 21084; 14 CCR 15300 et seq.)

Based on an examination of this proposal and supporting information, the following statements are true and exceptions do not apply:

- If this project falls within exempt class 3, 4, 5, 6 or 11, it does not impact an environmental resource of hazardous or critical concern where designated, precisely mapped, and officially adopted pursuant to law.
- There will not be a significant cumulative effect by this project and successive projects of the same type in the same place, over time.
- There is not a reasonable possibility that the project will have a significant effect on the environment due to unusual circumstances.
- This project does not damage a scenic resource within an officially designated state scenic highway.
- This project is not located on a site included on any list compiled pursuant to Govt. Code § 65962.5 ("Cortese List").
- This project does not cause a substantial adverse change in the significance of a historical resource.

- Common Sense Exemption.** [This project does not fall within an exempt class, but it can be seen with certainty that there is no possibility that the activity may have a significant effect on the environment (14 CCR 15061[b][3].)]

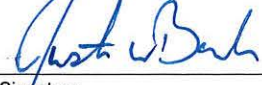
**Matt Fowler**

Print Name: Senior Environmental Planner or Environmental Branch Chief

 6/5/19  
 Signature Date

**Justin Borders**

Print Name: Project Manager

 6/6/19  
 Signature Date

**NEPA COMPLIANCE**

In accordance with 23 CFR 771.117, and based on an examination of this proposal and supporting information, the State has determined that this project:

- does not individually or cumulatively have a significant impact on the environment as defined by NEPA, and is excluded from the requirements to prepare an Environmental Assessment (EA) or Environmental Impact Statement (EIS), and
- has considered unusual circumstances pursuant to 23 CFR 771.117(b).

**CALTRANS NEPA DETERMINATION** (Check one)

- 23 USC 326:** The State has determined that this project has no significant impacts on the environment as defined by NEPA, and that there are no unusual circumstances as described in 23 CFR 771.117(b). As such, the project is categorically excluded from the requirements to prepare an EA or EIS under the National Environmental Policy Act. The State has been assigned, and hereby certifies that it has carried out the responsibility to make this determination pursuant to Chapter 3 of Title 23, United States Code, Section 326 and a Memorandum of Understanding dated May 31, 2016, executed between the FHWA and the State. The State has determined that the project is a Categorical Exclusion under:

- 23 CFR 771.117(c): activity (c)(24)**  
 **23 CFR 771.117(d): activity (d)(\_\_\_)**  
 **Activity \_\_\_ listed in Appendix A of the MOU between FHWA and the State**

- 23 USC 327:** Based on an examination of this proposal and supporting information, the State has determined that the project is a Categorical Exclusion under 23 USC 327. The environmental review, consultation, and any other actions required by applicable Federal environmental laws for this project are being, or have been, carried out by Caltrans pursuant to 23 USC 327 and the Memorandum of Understanding dated December 23, 2016 and executed by FHWA and Caltrans.

**Matt Fowler**

Print Name: Senior Environmental Planner or Environmental Branch Chief

 6/5/19  
 Signature Date

**Justin Borders**

Print Name: Project Manager/DLA Engineer

 6/6/19  
 Signature Date

Date of Categorical Exclusion Checklist completion:

Date of ECR or equivalent :

Briefly list environmental commitments on continuation sheet. Reference additional information, as appropriate (e.g., CE checklist, additional studies and design conditions).

**CATEGORICAL EXEMPTION/CATEGORICAL EXCLUSION DETERMINATION FORM**  
**Continuation Sheet**

|                                  |              |                 |   |
|----------------------------------|--------------|-----------------|---|
| <b>05-SB-101</b>                 | <b>21.62</b> | <b>05-1H430</b> | <b>0516000073</b>                                   |
| Dist.-Co.-Rte. (or Local Agency) | P.M./P.M.    | E.A/Project No. | Federal-Aid Project No. (Local Project)/Project No. |

Continued from page 1:

The boring depth will be up to 100 feet below existing road way grade. Incidental foot traffic immediately adjacent to and underneath the bridge may occur to monitor boring operations. Upon completion of boring activities, each boring location will be backfilled, sealed and abandoned in accordance with State, local and Caltrans requirements. All field work is planned to occur during nighttime hours, between 10:00 pm and 6:00 am, Monday through Thursday. Lane closures will be necessary during drilling operations. No overnight storage of supplies or equipment will occur on site.

**Project Background:**

Caltrans proposes to remove and replace the existing San Jose Creek Bridge with a new bridge structure that will be placed on existing alignment. Multiple bridge inspections have determined that the bridge's structural integrity has deteriorated and action is required to protect the traveling public. Replacement of the bridge requires subsurface investigation to determine the soil and site conditions to be used for the bridge design, assess the potential for liquefaction and if lateral spreading would affect the bridge and project site.

**Environmental Conditions:**

1. Borings sites will be located within State Right of Way.
2. Boring activities will not involve vegetation removal or tree trimming.
3. Borings will not occur below the creek banks.
4. Access roads will not be required to conduct borings.
5. Any staging for boring related activities will be restricted to pre-disturbed areas and paved surfaces.
6. Appropriate BMPs will be incorporated for boring related activities.
7. All equipment will have sound-control devices that are no less effective than those provided on the original equipment.
8. Borings will occur within the proposed boring locations as indicated in the proposed boring materials provided on 04/17/19 (attached).

**Water Quality Conditions:**

1. All appropriate BMPs will be incorporated during drilling activities to avoid affecting the water quality of the creek.

**Biological Conditions:**

1. No trees or shrubs will be trimmed or permanently impacted during drilling activities.
2. No drilling activities will occur below the banks of San Jose Creek.



## Categorical Exclusion Checklist

Dist/Co/Rte/PM: 05-VAR-01-VAR    Fed. Aid No. (Local Project): 0516000074    EA/Project No.: 05-1H440

**SECTION A: TYPE OF CE: Use the information in this section to determine the applicable CE and corresponding activity for this project.**

1. **Project is a CE under CE Assignment 23 USC 326.**     Yes     No  
*If "yes", check applicable activity in one of the three tables below (activity must be listed in 23 CFR 771.117 (c) or (d) list or included in activities listed in Appendix A of the CE Assignment MOU to be eligible for 23 USC 326).*

**Activity Listed in 23 CFR 771.117(c)**

|   |  |
|---|--|
| 1 <input type="checkbox"/>              | Activities that do not involve or lead directly to construction, such as planning and research activities; grants for training; engineering to define the elements of a proposed action or alternatives so that social, economic, and environmental effects can be assessed; and Federal-aid system revisions that establish classes of highways on the Federal-aid highway system.  |
| 2 <input type="checkbox"/>              | Approval of utility installations along or across a transportation facility.   |
| 3 <input type="checkbox"/>              | Construction of bicycle and pedestrian lanes, paths, and facilities.   |
| 4 <input type="checkbox"/>              | Activities included in the State's <i>highway safety plan</i> under <a href="#">23 U.S.C 402</a> .   |
| 5 <input type="checkbox"/>              | Transfer of Federal lands pursuant to 23 U.S.C. 107(d) and/or 23 U.S.C. 317 when the land transfer is in support of an action that is not otherwise subject to FHWA review under NEPA.   |
| 6 <input type="checkbox"/>              | The installation of noise barriers or alterations to existing publicly owned buildings to provide for noise reduction.   |
| 7 <input type="checkbox"/>              | Landscaping.   |
| 8 <input type="checkbox"/>              | Installation of fencing, signs, pavement markings, small passenger shelters, traffic signals, and railroad warning devices where no substantial land acquisition or traffic disruption will occur.   |
| 9 <sup>1</sup> <input type="checkbox"/> | The following actions for transportation facilities damaged by an incident resulting in an emergency declared by the Governor of the State and concurred in by the Secretary, or a disaster or emergency declared by the President pursuant to the Robert T. Stafford Act (42 U.S.C 5121): <sup>2</sup>  |
| <input type="checkbox"/>                | (i) Emergency repairs under 23 U.S.C 125;  |
| <input type="checkbox"/>                | (ii) The repair, reconstruction, restoration, retrofitting, or replacement of any road, highway, bridge, tunnel, or transit facility (such as a ferry dock or bus transfer station), including ancillary transportation facilities (such as pedestrian/bicycle paths and bike lanes), that is in operation or under construction when damaged and the action:<br>(A) Occurs within the existing right-of-way and in a manner that substantially conforms to the preexisting design, function, and location as the original (which may include upgrades to meet existing codes and standards as well as upgrades warranted to address conditions that have changed since the original construction); and<br>(B) Is commenced within a 2-year period beginning on the date of the declaration. |
| 10 <input type="checkbox"/>             | Acquisition of scenic easements.   |
| 11 <input type="checkbox"/>             | Determination of payback under 23 U.S.C 156 for property previously acquired with Federal-aid participation.   |
| 12 <input type="checkbox"/>             | Improvements to existing rest areas and truck weigh stations.  |
| 13 <input type="checkbox"/>             | Ridesharing activities.  |
| 14 <input type="checkbox"/>             | Bus and rail car rehabilitation.   |
| 15 <input type="checkbox"/>             | Alterations to facilities or vehicles in order to make them accessible for elderly and handicapped persons.  |
| 16 <input type="checkbox"/>             | Program administration, technical assistance activities, and operating assistance to transit authorities to continue existing service or increase service to meet routine changes in demand.   |
| 17 <input type="checkbox"/>             | The purchase of vehicles by the applicant where the use of these vehicles can be accommodated by existing facilities or by new facilities that themselves are within a CE.   |
| 18 <input type="checkbox"/>             | Track and railbed maintenance and improvements when carried out within the existing right-of-way.  |
| 19 <input type="checkbox"/>             | Purchase and installation of operating or maintenance equipment to be located within the transit facility and with no significant impacts off the site.  |

<sup>1</sup> On the CE form, distinguish between c9i or c9ii

<sup>2</sup> Include copy of the emergency declaration in the file

## Categorical Exclusion Checklist

|  |   |
|--|---|
| <b>Dist/Co/Rte/PM:</b> 05-VAR-01-VAR <b>Fed. Aid No. (Local Project):</b> 0516000074 <b>EA/Project No.:</b> 05-1H440 |   |
| 20   | <input type="checkbox"/> Promulgation of rules, regulations, and directives.  |
| 21   | <input type="checkbox"/> Deployment of electronics, photonics, communications, or information processing used singly or in combination, or as components of a fully integrated system, to improve the efficiency or safety of a surface transportation system or to enhance security or passenger convenience. Examples include, but are not limited to, traffic control and detector devices, lane management systems, electronic payment equipment, automatic vehicle locaters, automated passenger counters, computer-aided dispatching systems, radio communications systems, dynamic message signs, and security equipment including surveillance and detection cameras on roadways and in transit facilities and on buses.  |
| 22 <sup>3</sup>  | <input type="checkbox"/> Projects, as defined in 23 U.S.C. 101, that would take place entirely within the existing operational right-of-way. Existing operational right-of-way means all real property interests acquired for the construction, operation, or mitigation of a project. This area includes the features associated with the physical footprint of the project including but not limited to the roadway, bridges, interchanges, culverts, drainage, clear zone, traffic control signage, landscaping, and any rest areas with direct access to a controlled access highway. This also includes fixed guideways, mitigation areas, areas maintained or used for safety and security of a transportation facility, parking facilities with direct access to an existing transportation facility, transportation power substations, transportation venting structures, and transportation maintenance facilities.<br><br>Note: As a clarifying example, if title 23 (or certain title 49) funds were authorized for the acquisition of the real property, then that property was acquired for an eligible purpose, which was construction, operation, or mitigation, and thus is part of the operational right-of-way. Real property interests acquired with title 23 funds, or otherwise conveyed for title 23 purposes, are eligible for this categorical exclusion as long as the interests are devoted exclusively to the purposes of that facility and the facility is preserved free of all other public or private alternative uses, unless such non-highway alternative uses are permitted by Federal law (including regulations) or the FHWA (23 CFR 710.403(b)). |
| 23 <sup>4</sup>  | Federally-funded projects: Enter project cost \$ _____ and Federal funds \$ _____<br><input type="checkbox"/> (i) That receive less than \$5,500,515.05 of Federal funds; or<br><input type="checkbox"/> (ii) With a total estimated cost of not more than \$33,003,090.30 and Federal funds comprising less than 15 percent of the total estimated project cost.   |
| 24   | <input checked="" type="checkbox"/> Localized geotechnical and other investigation to provide information for preliminary design and for environmental analysis and permitting purposes, such as drilling test bores for soil sampling; archeological investigations for archeology resources assessment or similar survey; and wetland surveys.  |
| 25   | <input type="checkbox"/> Environmental restoration and pollution abatement actions to minimize or mitigate the impacts of any existing transportation facility (including retrofitting and construction of stormwater treatment systems to meet Federal and State requirements under sections 401 and 402 of the Federal Water Pollution Control Act (33 U.S.C. 1341; 1342) carried out to address water pollution or environmental degradation.  |
| 26   | <input type="checkbox"/> Modernization of a highway by resurfacing, restoration, rehabilitation, reconstruction, adding shoulders, or adding auxiliary lanes (including parking, weaving, turning, and climbing lanes), if the action meets the constraints in paragraph (e) of this section [771.117(e)]. <b>Note: In order to use this CE, certain constraints must be met. <a href="#">Complete Section A, Item 2 below.</a></b>   |
| 27   | <input type="checkbox"/> Highway safety or traffic operations improvement projects, including the installation of ramp metering control devices and lighting, if the project meets the constraints in paragraph (e) of this section [771.117(e)]. <b>Note: In order to use this CE, certain constraints must be met. <a href="#">Complete Section A, Item 2 below.</a></b>  |
| 28   | <input type="checkbox"/> Bridge rehabilitation, reconstruction, or replacement or the construction of grade separation to replace existing at-grade railroad crossings, if the actions meet the constraints in paragraph (e) of this section [771.117(e)]. <b>Note: In order to use this CE, certain constraints must be met. <a href="#">Complete Section A, Item 2 below.</a></b>   |
| 29   | <input type="checkbox"/> Purchase, construction, replacement, or rehabilitation of ferry vessels (including improvements to ferry vessel safety, navigation, and security systems) that would not require a change in the function of the ferry terminals and can be accommodated by existing facilities or by new facilities that themselves are within a CE.  |
| 30   | <input type="checkbox"/> Rehabilitation or reconstruction of existing ferry facilities that occupy substantially the same geographic footprint, do not result in a change in their functional use, and do not result in a substantial increase in the existing facility's capacity. Example actions include work on pedestrian and vehicle transfer structures and associated utilities, buildings, and terminals.  |
| <b>Activity Listed in Examples in 23 CFR 771.117(d)</b>  |   |
| 1  | <i>Reserved.</i>  |
| 2  | <i>Reserved.</i>  |
| 3  | <i>Reserved.</i>  |
| 4  | <input type="checkbox"/> Transportation corridor fringe parking facilities.   |
| 5  | <input type="checkbox"/> Construction of new truck weigh stations or rest areas.  |

<sup>3</sup> On the CE form, identify in the project description that all work is within operation right-of-way.

<sup>4</sup> On the CE form, distinguish between c23i or c23ii.

## Categorical Exclusion Checklist

|   |                          |  |  |                                 |  |
|---|--------------------------|--|--|---------------------------------|--|
| <b>Dist/Co/Rte/PM:</b> 05-VAR-01-VAR  |                          | <b>Fed. Aid No. (Local Project):</b> 0516000074  |  | <b>EA/Project No.:</b> 05-1H440 |  |
| 6   | <input type="checkbox"/> | Approvals for disposal of excess right-of-way or for joint or limited use of right-of-way, where the proposed use does not have significant adverse impacts.   |  |                                 |  |
| 7   | <input type="checkbox"/> | Approvals for changes in access control.   |  |                                 |  |
| 8   | <input type="checkbox"/> | Construction of new bus storage and maintenance facilities in areas used predominantly for industrial or transportation purposes where such construction is not inconsistent with existing zoning and located on or near a street with adequate capacity to handle anticipated bus and support vehicle traffic.  |  |                                 |  |
| 9   | <input type="checkbox"/> | Rehabilitation or reconstruction of existing rail and bus buildings and ancillary facilities where only minor amounts of additional land are required, and there is not a substantial increase in the number of users.   |  |                                 |  |
| 10  | <input type="checkbox"/> | Construction of bus transfer facilities (an open area consisting of passenger shelters, boarding areas, kiosks and related street improvements) when located in a commercial area or other high activity center in which there is adequate street capacity for projected bus traffic.  |  |                                 |  |
| 11  | <input type="checkbox"/> | Construction of rail storage and maintenance facilities in areas used predominantly for industrial or transportation purposes where such construction is not inconsistent with existing zoning, and where there is no significant noise impact on the surrounding community.   |  |                                 |  |
| 12  | <input type="checkbox"/> | <p>Acquisition of land for hardship or protective purposes. Hardship and protective buying will be permitted only for a particular parcel or a limited number of parcels. These types of land acquisition qualify for a CE only where the acquisition will not limit the evaluation of alternatives, including shifts in alignment for planned construction projects, which may be required in the NEPA process. No project development on such land may proceed until the NEPA process has been completed.</p> <p>(i) Hardship acquisition is early acquisition of property by the applicant at the property owner's request to alleviate particular hardship to the owner, in contrast to others, because of an inability to sell his property. This is justified when the property owner can document on the basis of health, safety or financial reasons that remaining in the property poses an undue hardship compared to others.</p> <p>(ii) Protective acquisition is done to prevent imminent development of a parcel that may be needed for a proposed transportation corridor or site. Documentation must clearly demonstrate that development of the land would preclude future transportation use and that such development is imminent. Advance acquisition is not permitted for the sole purpose of reducing the cost of property for a proposed project.</p> |  |                                 |  |
| 13  | <input type="checkbox"/> | Actions described in paragraphs (c)(26), (c)(27), and (c)(28) of this section that do not meet the constraints in paragraph (e) of this section.   |  |                                 |  |
| <b>Activity Listed in Appendix A of the CE Assignment MOU for State Assumption of Responsibilities for Categorical Exclusions</b> |                          |  |  |                                 |  |
| 1   | <input type="checkbox"/> | Construction, modification, or repair of storm water treatment devices (e.g., detention basins, bioswales, media filters, infiltration basins), protection measures such as slope stabilization and other erosion control measures throughout California.  |  |                                 |  |
| 2   | <input type="checkbox"/> | Replacement, modification, or repair of culverts or other drainage facilities.   |  |                                 |  |
| 3   | <input type="checkbox"/> | Projects undertaken to assure the creation, maintenance, restoration, enhancement, or protection of habitat for fish, plants, or wildlife (e.g., revegetation of disturbed areas with native plant species; stream or river bank revegetation; construction of new, or maintenances of existing fish passage conveyances or structures; restoration or creation of wetlands).  |  |                                 |  |
| 4   | <input type="checkbox"/> | Routine repair of facilities due to storm damage, including permanent repair, to return the facility to operational condition that meets current standards of design and public health and safety without expanding capacity (e.g., slide repairs, construction or repair of retaining walls).   |  |                                 |  |
| 5   | <input type="checkbox"/> | Routine seismic retrofit of facilities to meet current seismic standards and public health and safety standards without expansion of capacity.   |  |                                 |  |
| 6   | <input type="checkbox"/> | Air space leases that are subject to Subpart D, Part 710, title 23, Code of Federal Regulations.   |  |                                 |  |
| 7   | <input type="checkbox"/> | Drilling of test bores/soil sampling to provide information for preliminary design and for environmental analyses and permitting purposes.   |  |                                 |  |

## Categorical Exclusion Checklist

Dist/Co/Rte/PM: 05-VAR-01-VAR    Fed. Aid No. (Local Project): 0516000074    EA/Project No.: 05-1H440

### 2. This section must be completed in order to use a CE under 23 CFR 771.117(c)(26), (c)(27), or (c)(28).

The action **DOES NOT** include any of the following constraints found in 23 CFR 771.117(e):

- A.
  - An acquisition of more than a minor amount of right-of-way or that would result in any residential or nonresidential displacements
- B.
  - A bridge permit from the U.S. Coast Guard; OR
  - An action that does not meet the terms and conditions of a U.S. Army Corps of Engineers nationwide or general permit under section 404 of the Clean Water Act (i.e., does the project require a Standard 404 permit [Individual Permit or Letter of Permission]?) AND/OR
  - A permit required under Section 10 of the Rivers and Harbors Act of 1899
- C.
  - A finding of “adverse effect” to historic properties under the National Historic Preservation Act; OR
  - The use of a resource protected under 23 U.S.C. 138 or 49 U.S.C. 303 (section 4(f)) except for actions resulting in *de minimis* impacts; OR
  - A finding of “may affect, likely to adversely affect” threatened or endangered species or critical habitat under the Endangered Species Act
- D.
  - Construction of temporary access or the closure of existing road, bridge, or ramps that would result in major traffic disruptions
- E.
  - Changes in access control
- F.
  - A floodplain encroachment other than functionally dependent uses (e.g., bridges, wetlands) or actions that facilitate open space use (e.g., recreational trails, bicycle and pedestrian paths); OR
  - Construction activities in, across, or adjacent to a river component designated or proposed for inclusion in the National System of Wild and Scenic Rivers

If the action includes any of the constraints listed above, it **MAY NOT** be processed under 23 CFR 771.117(c)(26), (c)(27), or (c)(28), however, the project may qualify for a CE under 23 CFR 771.117(d)(13).

### 3. Project is a CE for a highway project under NEPA Assignment 23 USC 327.    Yes    No

*(Use only if project does not qualify under CE Assignment 23 USC 326 [activities not included in three previous lists above].)*

### 4. Independent Utility and Logical Termini

The project complies with NEPA requirements related to connected actions and segmentation (i.e. the project must have independent utility, connect logical termini when applicable, be usable and be a reasonable expenditure even if no additional transportation improvements in the area are made and not restrict further consideration of alternatives for other reasonably foreseeable transportation improvements). (FHWA Final Rule, “Background,” *Federal Register* Vol. 79, No. 8, January 13, 2014.)

### 5. Categorical Exclusions Defined (23 CFR 771.117[a]).

FHWA regulation 23 CFR 771.117(a) defines categorical exclusions as actions which:

- do not induce significant impacts to planned growth or land use for the area;
- do not require the relocation of significant numbers of people;
- do not have a significant impact on any natural, cultural, recreational, historic or other resources;
- do not involve significant air, noise, or water quality impacts;
- do not have significant impacts on travel patterns; or
- do not otherwise, either individually or cumulatively, have any significant environmental impacts.

Checking this box certifies that project meets the above definition for a Categorical Exclusion.

### 6. Exceptions to Categorical Exclusions/Unusual Circumstances (23 CFR 771.117[b]).

FHWA regulation 23 CFR 771.117(b) provides that any action which normally would be classified as a CE but could involve *unusual circumstances* requires the Department to conduct appropriate environmental studies to determine if the CE classification is proper. Unusual circumstances include actions that involve:

- Significant environmental impacts;
- Substantial controversy on environmental grounds;
- Significant impact on properties protected by section 4(f) of the DOT Act or section 106 of the National Historic Preservation Act; or
- Inconsistencies with any Federal, State, or local law, requirement or administrative determination relating to the environmental aspects of the action.

**All of the above unusual circumstances have been considered in conjunction with this project.** (Please select one.)

Checking this box certifies that **none of the above conditions apply** and that the project qualifies for a Categorical Exclusion.

Checking this box certifies that unusual circumstances **are involved**. However, the appropriate studies/analysis have been completed, and it has been determined that the CE classification is still appropriate.

## Categorical Exclusion Checklist

**SECTION B: Compliance with FHWA NEPA policy to complete all other applicable environmental requirements<sup>5</sup> prior to making the NEPA determination:**

During the environmental review process for which this CE was prepared, all applicable environmental requirements were evaluated. Outcomes for the following requirements are identified below and fully documented in the project file. **[NOTE: EVERY SECTION BELOW MUST BE COMPLETED, DO NOT SKIP ANY SECTIONS.]**

### FSTIP

The project description on the Categorical Exemption/Categorical Exclusion Form matches the project description in the FSTIP and RTP, and the appropriate page of the FSTIP is in the project file.

### Air Quality

[Air Quality Conformity Findings Checklist](#) has been completed and project meets all applicable AQ requirements.  
 For 23 USC 326 projects which require an air quality conformity determination (this will apply to certain projects under 23 CFR 771.117(c)(22), (c)(23), (c)(26), (c)(27), and (c)(28)), list the date of the Caltrans conformity determination: \_\_\_\_\_  
 For 23 USC 327 projects, list date of FHWA concurrence on conformity determination: \_\_\_\_\_

### Cultural Resources

Section 106 compliance is complete.  Screened Undertaking  
Select appropriate finding:  No Historic Properties Affected  No Adverse Effect with Standard Conditions  
 No Adverse Effect without Standard Conditions  Adverse Effect/MOA  Phasing/Project PA

### Noise

23 CFR 772  
 Is this a Type 1 project?  Yes  No (skip this section.)  
 Future noise levels with project either approach or exceed NAC or result in a substantial increase.  
If yes,  Abatement is reasonable and feasible  Abatement is not reasonable or feasible

### Waters, Wetlands

- **Section 404 of the Clean Water Act**  
Impacts to Waters of the U.S.:  Yes  No; If yes, approval anticipated:  
 Nationwide Permit  Individual Permit  Regional General Permit  Letter of Permission
- **Section 401 of the Clean Water Act**  
 Exemption  Certification  Not Applicable
- **Wetland Protection (Executive Order #11990)**  
 No Wetland Impact  
 Permanent Wetland Impact; Only Practicable Alternative Finding is included in a separate document in the project file

### Biology

- **USFWS, Species List Date:** \_\_\_\_\_ (must be < 180 days old)  
 No Effect Section 7 (Federal Endangered Species Act)  
*Consultation with USFWS Findings (Effect determination):*  
 Not Likely to Adversely Affect with USFWS Concurrence. Date: \_\_\_\_\_  
 Likely to Adversely Affect with Biological Opinion Date: \_\_\_\_\_
- **NOAA Fisheries, Species List Date:** \_\_\_\_\_ (must be < 180 days old)  N/A: Project outside of NOAA jurisdiction  
 No Effect Section 7 (Federal Endangered Species Act)  
*Consultation with NOAA Fisheries Findings (Effect determination):*  
 Not Likely to Adversely Affect with NOAA Fisheries Concurrence. Date: \_\_\_\_\_  
 Likely to Adversely Affect with Biological Opinion Date: \_\_\_\_\_
- **Essential Fish Habitat (Magnuson-Stevens Act) Findings (Effect determination):**  
 Magnuson-Stevens Fishery Conservation and Management Act does not apply  
 No Adverse Effect  Adverse Effect and consultation with NOAA Fisheries

<sup>5</sup> Please consult the SER for a complete list of applicable laws, statutes, regulations, and executive orders that must be considered before completing the CE.



## Categorical Exclusion Checklist

### Floodplains

Floodplains (Executive Order #11988)

No Floodplains     No Significant Encroachment     Significant Encroachment

### Section 4(f) Transportation Act (23 CFR 774)

Section 4(f) regulation was considered as a part of the review for this project and a determination was made:

Section 4(f) does not apply

*(Project file includes documentation that property is not a Section 4(f) property, that project does not use a Section 4(f) property, or that the project meets the criteria for the temporary occupancy exception.)*

Section 4(f) applies

De Minimis

Programmatic: Type \_\_\_\_\_ (List one of the five appropriate categories as defined in 23 CFR 774.3)

Individual:     Legal Sufficiency Review complete     HQ Coordinator Review Complete

### Section 6(f) – Properties Acquired with Land and Water Conservation Fund grants

Was the above property purchased with grant funds from the Land and Water Conservation Fund?

No, Section 6(f) does not apply. No additional documentation required.

Yes     Documentation of approval from National Park Service Director (through California State Parks) has been received for the conversion/and replacement of 6(f) property.

### Coastal Zone

Coastal Zone Management Act of 1972

Not in Coastal Zone     Qualifies for Exemptions     Qualifies for Waiver     Coastal Permit Required

Consistent with Federal State and Local Coastal Plans     Federal Consistency

### Coast Guard – Bridge Over Navigable Waters of the U.S.

Not applicable

23 USC 144(c) USCG Bridge Permit Exception

33 CFR 115.70 Advance Approval

USCG Bridge Permit

### Relocation and Right of Way

#### • Relocations

No Relocations

Project involves \_\_\_\_\_ (#) relocations and will follow the provisions of the Uniform Relocation Act.

#### • Right of Way Acquisitions/Easements

No right of way acquisitions or easements

Project involves \_\_\_\_\_ (#) acquisitions and \_\_\_\_\_ (#) easements.

### Hazardous Waste and Materials

• Are hazardous materials or contamination exceeding regulatory thresholds (as set by U.S. EPA, Cal EPA, County Environmental Health, etc.) present?     Yes     No

• If yes, is the nature and extent of the hazardous materials or contamination fully known?     Yes     No

If no, briefly discuss the plan for securing information:

### SECTION C: Certification

Based on the information obtained during environmental review process and included in this checklist, the project is determined to be a Categorical Exclusion pursuant to the National Environmental Policy Act and is in compliance with all other applicable environmental laws, regulations, and Executive Orders.

Prepared by  
(print name):

Geramaldi

Title:

Associate Environmental Planner

Signature:



Date:

5/31/19

**APPENDIX 5A - SBCAG SHOPP Grouped Project Listings - Bridge Rehabilitation and Reconstruction (FTIP Grouped Project ID: SHOPP1)**

**2019 FTIP**

**Figures in thousands**

**Bridge Preservation (FTIP Project ID: SHOPP1)**

| Dist.          | County        | Route | Post Miles  | Location/Description  | EA    | PPNO  | FTIP Individual Project ID | Phase | Prior     | FY 18/19  | FY 19/20  | FY 20/21  | FY 21/22  | Project Cost |
|----------------|---------------|-------|-------------|---|-------|-------|----------------------------|-------|-----------|-----------|-----------|-----------|-----------|--------------|
| 05             | Santa Barbara | 1     | 15.6        | Near Lompoc, at the Salsipuedes Creek Bridge No. 51-0095. Replace bridge (Scour Mitigation).  | 0A050 | 1501  | CT90                       | PE    | \$ 5,264  | \$ -      | \$ -      | \$ -      | \$ -      | \$ 14,098    |
|                |               |       |             |   |       |       |                            | ROW   | \$ 334    | \$ -      | \$ -      | \$ -      | \$ -      |              |
|                |               |       |             |   |       |       |                            | CONST | \$ 8,500  | \$ -      | \$ -      | \$ -      | \$ -      |              |
| 05             | Santa Barbara | 192   | 15.4/15.6   | Near Carpinteria, at Arroyo Parida Creek bridge No. 51-113. Replace bridge (scour). (Project will provide mitigation for 1J670.)  | 39610 | 0335  | LSSH003                    | PE    | \$ 5,266  | \$ -      | \$ -      | \$ -      | \$ -      | \$ 15,018    |
|                |               |       |             |   |       |       |                            | ROW   | \$ 1,597  | \$ -      | \$ -      | \$ -      | \$ -      |              |
|                |               |       |             |   |       |       |                            | CONST | \$ -      | \$ 8,155  | \$ -      | \$ -      | \$ -      |              |
| 05             | Santa Barbara | 192   | 15.4/15.6   | Near Carpinteria, at Arroyo Parida Creek bridge No. 51-113. Replace bridge and restore roadway. (This project is taking over the work from 39610.)  | 1J670 | 0335A | CT140                      | PE    | \$ -      | \$ 1,800  | \$ -      | \$ -      | \$ -      | \$ 17,000    |
|                |               |       |             |   |       |       |                            | ROW   | \$ -      | \$ 2,800  | \$ -      | \$ -      | \$ -      |              |
|                |               |       |             |   |       |       |                            | CONST | \$ -      | \$ 12,400 | \$ -      | \$ -      | \$ -      |              |
| 05             | Santa Barbara | 101   | 70.9        | In Los Alamos, at Route 101/135 Separation No. 51-0073L/R. Replace bridge decks.  | 1F500 | 2522  | CT84                       | PE    | \$ -      | \$ 2,450  | \$ -      | \$ -      | \$ -      | \$ 11,900    |
|                |               |       |             |   |       |       |                            | ROW   | \$ -      | \$ 350    | \$ -      | \$ -      | \$ -      |              |
|                |               |       |             |   |       |       |                            | CONST | \$ -      | \$ 9,100  | \$ -      | \$ -      | \$ -      |              |
| 05             | Santa Barbara | 135   | R7.2        | Near Los Alamos, at San Antonio Creek bridge No. 51-0006. Bridge seismic restoration.   | 1F830 | 2567  | CT85                       | PE    | \$ -      | \$ 2,012  | \$ -      | \$ -      | \$ -      | \$ 4,785     |
|                |               |       |             |   |       |       |                            | ROW   | \$ -      | \$ 155    | \$ -      | \$ -      | \$ -      |              |
|                |               |       |             |   |       |       |                            | CONST | \$ -      | \$ 2,618  | \$ -      | \$ -      | \$ -      |              |
| 05             | Santa Barbara | 101   | 56.0        | Near Buellton, at Nojoqui Creek bridge No. 51-0018L/R. Bridge rail replacement and widening.  | 1F790 | 2561  | CT86                       | PE    | \$ -      | \$ 2,699  | \$ -      | \$ -      | \$ -      | \$ 9,531     |
|                |               |       |             |   |       |       |                            | ROW   | \$ -      | \$ 310    | \$ -      | \$ -      | \$ -      |              |
|                |               |       |             |   |       |       |                            | CONST | \$ -      | \$ 6,522  | \$ -      | \$ -      | \$ -      |              |
| 05             | Santa Barbara | 154   | R2.6        | Near Los Olivos, at Alamo Pintado Pedestrian Bridge No. 51-0076Y. Remove bridge.  | 1C410 | 2391  | CT87                       | PE    | \$ -      | \$ 2,493  | \$ -      | \$ -      | \$ -      | \$ 3,871     |
|                |               |       |             |   |       |       |                            | ROW   | \$ -      | \$ 106    | \$ -      | \$ -      | \$ -      |              |
|                |               |       |             |   |       |       |                            | CONST | \$ -      | \$ 1,272  | \$ -      | \$ -      | \$ -      |              |
| 05             | Santa Barbara | 217   | 1.0         | Near Goleta, at the San Jose Creek Bridge No. 51-0217. Replace bridge.  | 1C360 | 2386  | CT63                       | PE    | \$ -      | \$ 5,297  | \$ -      | \$ -      | \$ -      | \$ 26,108    |
|                |               |       |             |   |       |       |                            | ROW   | \$ -      | \$ 314    | \$ -      | \$ -      | \$ -      |              |
|                |               |       |             |   |       |       |                            | CONST | \$ -      | \$ 20,497 | \$ -      | \$ -      | \$ -      |              |
| 05             | Santa Barbara | 101   | 21.6        | In Goleta, at San Jose Creek Bridge No. 51-0163L/R. Replace bridges to maintain standards of safety and reliability.  | 1H430 | 2649  | CT106                      | PE    | \$ 1,400  | \$ -      | \$ -      | \$ -      | \$ 4,130  | \$ 18,360    |
|                |               |       |             |   |       |       |                            | ROW   | \$ -      | \$ -      | \$ -      | \$ -      | \$ 110    |              |
|                |               |       |             |   |       |       |                            | CONST | \$ -      | \$ -      | \$ -      | \$ -      | \$ 12,720 |              |
| 05             | Santa Barbara | 154   | R31.8/R32.1 | In the City of Santa Barbara, at La Colina Road Undercrossing (UC) No. 51-0256 (PM R31.82) and at Primavera Road UC No. 51-0257 (PM R32.07). Upgrade bridge railing and reconstruct abutment for bridge rehabilitation. | 1H450 | 2651  | CT107                      | PE    | \$ 928    | \$ -      | \$ -      | \$ -      | \$ 3,063  | \$ 12,648    |
|                |               |       |             |   |       |       |                            | ROW   | \$ -      | \$ -      | \$ -      | \$ -      | \$ 55     |              |
|                |               |       |             |   |       |       |                            | CONST | \$ -      | \$ -      | \$ -      | \$ -      | \$ 8,602  |              |
| 05             | Santa Barbara | 1     |             | Near Lompoc, at San Antonio Creek Bridge No. 51-0237 L/R. Bridge scour mitigation.  | 1F810 |       | CT 75                      | PE    | \$ -      | \$ 688    | \$ -      | \$ 1,692  | \$ -      | \$ 4,832     |
|                |               |       |             |   |       |       |                            | ROW   | \$ -      | \$ -      | \$ -      | \$ 182    | \$ -      |              |
|                |               |       |             |   |       |       |                            | CONST | \$ -      | \$ -      | \$ -      | \$ -      | \$ 2,270  |              |
| 05             | Santa Barbara | 154   |             | Near Lake Cachuma at Cold Spring Canyon Bridge No. 51-0037. Install inspection access system below bridge and paint structure.  | 1C420 |       | CT 76                      | PE    | \$ -      | \$ -      | \$ -      | \$ 2,600  | \$ -      | \$ 23,225    |
|                |               |       |             |   |       |       |                            | ROW   | \$ -      | \$ -      | \$ -      | \$ 125    | \$ -      |              |
|                |               |       |             |   |       |       |                            | CONST | \$ -      | \$ -      | \$ -      | \$ 20,500 | \$ -      |              |
| <b>Totals:</b> |               |       |             |   |       |       |                            |       | \$ 23,289 | \$ 688    | \$ 81,350 | \$ 25,099 | \$ 30,950 | \$ 161,376   |

**TOTAL BY PHASE:**

Information reflects CTC programmed and approved allocations.

|               |            |
|---------------|------------|
| <b>PE:</b>    | \$ 41,782  |
| <b>ROW:</b>   | \$ 6,438   |
| <b>CONST:</b> | \$ 113,156 |
| <b>TOTAL</b>  | \$ 161,376 |

## Transportation Air Quality Conformity Findings Checklist

|                         |  |  |  |
|-------------------------|--|--|--|
| <b>Project Name:</b>    | San Jose Creek Bridge Replacement      |  |  |
| <b>Dist-Co-Rte-PM:</b>  | SB-101-PM 21.62                        | <b>EA:</b>                             | 05-1H430   |
| <b>Federal-Aid No.:</b> | 0516000073                             |  |  |
| <b>Document Type:</b>   | <input type="checkbox"/> 23 USC 326 CE | <input type="checkbox"/> 23 USC 327 CE | <input type="checkbox"/> EA <input type="checkbox"/> EIS |

**Step 1.** Is the project located in a nonattainment or maintenance area for ozone, nitrogen dioxide, carbon monoxide (CO), PM2.5, or PM10 per EPA's Green Book listing of non-attainment areas?  
 If no, go to Step 17. **Transportation conformity does not apply to the project.**  
 If yes, go to Step 2.

**Step 2.** Is the project exempt from conformity per 40 CFR 93.126 or 40 CFR 93.128?  
 If yes, go to Step 17. **The project is exempt from all project-level conformity requirements (40 CFR 93.126 or 128)** (check one box below and identify the project type, if applicable).  
 40 CFR 93.126<sup>1</sup> Project type from Table 2: \_\_\_\_\_  
 40 CFR 93.128  
 If no, go to Step 3.

**Step 3.** Is the project exempt from regional conformity per 40 CFR 93.127?  
 If yes, go to Step 8. **The project is exempt from regional conformity requirements (40 CFR 93.127)** (identify the project type). Project type: \_\_\_\_\_  
 If no, go to Step 4.

**Step 4.** Is the project located in a region with a currently conforming RTP and TIP?  
 If yes, **the project is included in a currently conforming RTP and TIP per 40 CFR 93.115. The project's design and scope have not changed significantly from what was assumed in RTP conformity analysis (40 CFR 93.115[b])** Go to Step 8.  
 If no and the project is located in an isolated rural area, go to Step 5.  
 If no and the project is not located in an isolated rural area, STOP and do not proceed until a conforming RTP and TIP are adopted.

**Step 5.** For isolated rural areas, is the project regionally significant per 40 CFR 93.101, based on review by Interagency Consultation?  
 If yes, go to Step 6.  
 If no, go to Step 8. **The project, located in an isolated rural area, is not regionally significant and does not require a regional emissions analysis (40 CFR 93.101 and 93.109[1]).**

**Step 6.** Is the project included in another regional conformity analysis that meets the isolated rural area analysis requirements per 40 CFR 93.109, including Interagency Consultation and public involvement?  
 If yes, go to Step 8. **The project, located in an isolated rural area, has met its regional analysis requirements through inclusion in a previously-approved regional conformity analysis that meets current requirements (40 CFR 93.109[1]).**  
 If no, go to Step 7.

**Step 7.** The project, located in an isolated rural area, requires a separate regional emissions analysis.  
 **Regional emissions analysis for regionally significant project, located in an isolated rural area, is complete. Regional conformity analysis was conducted that includes the project and reasonably foreseeable regionally significant projects for at least 20 years. Interagency Consultation and public participation were conducted. Based on the analysis, the interim or emission budget conformity tests applicable to the area are met (40 CFR 93.109[1] and 95.105).<sup>2</sup> Go to Step 8.**

**Step 8.** Is the project located in a CO nonattainment or maintenance area? (South Coast Air Basin only)  
 If no, go to Step 9. **CO conformity analysis is not required.**  
 If yes, **hot-spot analysis requirements for CO per the CO Protocol (or per EPA's modeling guidance, CAL3QHCR can be used with EMFAC emission factors<sup>3</sup>) have been met. Project will not cause or contribute to a new localized CO violation (40 CFR 93.116 and 93.123)<sup>4</sup>.** Go to Step 9.

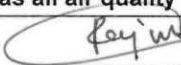
<sup>1</sup> Please refer to Clarifications on Exempt Project Determinations (<http://www.dot.ca.gov/ser/downloads/guidance/aq-clarifications-exempt-project-determinations.pdf>) to verify exempt project type from Table 2. Road diets, auxiliary lanes less than one-mile, and ramp metering may be exempt under "projects that correct, improve, or eliminate a hazardous location or feature."

<sup>2</sup> The analysis must support this conclusion before going to the next step.

<sup>3</sup> Use of the CO Protocol is strongly recommended due to its use of screening methods to minimize the need for modeling. When modeling is needed, the Protocol simplifies the modeling approach. Use of CAL3QHCR must follow U.S. EPA's latest CO hot spot guidance, using EMFAC instead of MOVES; see: <http://www.epa.gov/otaq/stateresources/transconf/projectlevel-hotspot.htm#co-hotspot>.

<sup>4</sup> As of October 1, 2007, there are no CO nonattainment areas in California. Therefore, the requirements to not worsen existing violations and to reduce/eliminate existing violations do not apply.



|  |
|--|
| <p><b>Step 9.</b> Is the project located in a PM10 and/or a PM2.5 nonattainment or maintenance area?</p> <input type="checkbox"/> If no, go to Step 13. <b>PM2.5/PM10 conformity analysis is not required.</b>   |
| <input type="checkbox"/> If yes, go to Step 10.  |
| <p><b>Step 10.</b> Is the project considered to be a Project of Air Quality Concern (POAQC), as described in EPA's <u>Transportation Conformity Guidance</u> for PM 10 and PM 2.5?</p> <input type="checkbox"/> If no, <b>the project is not a project of concern for PM10 and/or PM2.5 hot-spot analysis based on 40 CFR 93.116 and 93.123 and EPA's Hot-Spot Analysis Guidance. Interagency Consultation concurred with this determination on _____.</b> Go to Step 12.  |
| <input type="checkbox"/> If yes, go to Step 11.  |
| <p><b>Step 11.</b> The project is a POAQC.</p> <input type="checkbox"/> <b>The project is a project of concern for PM10 and/or PM2.5 hot-spot analysis based on 40 CFR 93.116 and 93.123, and EPA's Hot-Spot Guidance. Interagency Consultation concurred with this determination on _____. Detailed PM hot-spot analysis, consistent with 40 CFR 93.116 and 93.123 and EPA's Hot-Spot Guidance, shows that the project would not cause or contribute to, or worsen, any new localized violation of PM10 and/or PM2.5 standards.</b> Go to Step 12.  |
| <p><b>Step 12.</b> Does the approved PM SIP include any PM10 and/or PM2.5 control measures that apply to the project, and has a written commitment been made as part of the air quality analysis to implement the identified SIP control measures? [Control measures can be found in the applicable Federal Register notice at: <a href="https://www.epa.gov/state-and-local-transportation/conformity-adequacy-review-region-9#ca.">https://www.epa.gov/state-and-local-transportation/conformity-adequacy-review-region-9#ca.</a>]</p> <input type="checkbox"/> If yes, a <b>written commitment is made to implement the identified SIP control measures for PM10 and/or PM2.5 through construction or operation of this project (40 CFR 93.117).</b> Go to Step 14.   |
| <input type="checkbox"/> If no, go to Step 13.   |
| <p><b>Step 13a.</b> Have project-level mitigation or control measures for CO, PM10, and/or PM2.5, included as part of the project's design concept and scope, been identified as a condition of the RTP or TIP conformity determination? AND/OR</p> <p><b>Step 13b.</b> Are project-level mitigation or control measures for CO, PM10, and/or PM2.5 included in the project's NEPA document? AND</p> <p><b>Step 13c</b> (applies only if Step 13a and/or 13b are answered "yes"). Has a written commitment been made as part of the air quality analysis to implement the identified measures?</p> <input type="checkbox"/> If yes to 13a and/or 13b and 13c, a <b>written commitment is made to implement the identified mitigation or control measures for CO, PM10, and/or PM2.5 through construction or operation of this project. These mitigation or control measures are identified in the project's NEPA document and/or as conditions of the RTP or TIP conformity determination<sup>1</sup> (40 CFR 93.125(a)).</b> Go to Step 14. |
| <input type="checkbox"/> If no, go to Step 14.   |
| <p><b>Step 14.</b> Does the project qualify for a Categorical Exclusion pursuant to 23 USC 326?</p> <input type="checkbox"/> If yes, go to step 15.  |
| <input type="checkbox"/> If no, go to Step 16.   |
| <p><b>Step 15. Is any analysis required by steps 1-13 of this form?<sup>5</sup></b></p> <input type="checkbox"/> If yes, then Caltrans prepares the appropriate analysis and documentation for the project file and makes the conformity determination through its signature on the CE form. No FHWA involvement is required. See the AQCA Annotated Outline. Go to Step 17.   |
| <input type="checkbox"/> If no, then Caltrans makes the conformity determination through its signature on the CE form. No FHWA involvement is required. Go to Step 17.   |
| <p><b>Step 16.</b> Does the project require preparation of a Categorical Exclusion, EA, or EIS pursuant to 23 USC 327?</p> <input type="checkbox"/> If yes, then Caltrans submits a conformity determination request to FHWA for FHWA's conformity determination letter. <b>An AQCA is needed.</b> See the <u>AQCA Annotated Outline</u> . <p>Date of FHWA air quality conformity determination: _____</p> <p>Go to Step 17.</p>   |
| <p><b>Step 17. STOP as all air quality conformity requirements have been met.</b></p>  |
| <p><b>Signature:</b> </p> <p><b>Printed Name:</b> <u>Rajvi Koradia</u> <b>Date:</b> <u>05/29/2019</u></p> <p><b>Title:</b> <u>Transportation Engineer</u></p>   |

<sup>5</sup> Please note that not all projects that qualify for a categorical exclusion will be exempt from air quality conformity requirements. Many types of projects that may qualify for a CE (such as the addition of auxiliary lanes less than one-mile, weaving lanes less than one-mile, turning lanes less than one-mile, climbing lanes less than one-mile, parking, road diets, ramp metering, and even many bridge projects) MAY require some level of project level conformity analysis and may even require interagency consultation. Additionally, please note that for ALL projects the project file must include evidence that one of the three following situations apply: 1) Conformity does not apply to the project area; or 2) The project is exempt from all conformity analysis requirements; or 3) The project is subject to project-level conformity analysis (and possibly regional conformity analysis) and meets the criteria for a conformity determination. The project file must include all supporting documentation and this checklist.



# Memorandum

*Making Conservation  
a California Way of Life.*

**To:** Matt Fowler  
Senior Environmental Planner  
Department of Transportation - District 6

**Date:** April 17, 2019

**File:**05-SB-101-PM 21.6/21.7  
San Jose Creek Bridge  
Bridge No. 51-0163R/L  
EA 05-1H430  
EFIS 0516000073

**From:** DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING SERVICES  
GEOTECHNICAL SERVICES

**Subject:** Description of Proposed Subsurface Investigation

The following information is provided to assist in obtaining permits for the planned subsurface investigation for the San Jose Creek Bridge replacement, between postmiles 21.6 to 21.7, on State Route 101 in Santa Barbara County. Construction of San Jose Creek Bridge (Br. No. 36-0163R/L) replacement is proposed to replace the existing San Jose Creek Bridges with a new bridge due to the left and right original San Jose Creek bridges having been constructed in 1946 and 1961, respectively. It is proposed to replace the existing bridge with two possible staging options. The existing structure is a three-span reinforced concrete bridge carrying State Route 101 over San Jose Creek. Construction of the improvements requires a subsurface investigation to determine the soil and site conditions by drilling vertical soil borings to perform in-situ soil testing (Standard Penetration Tests), collect soil samples for laboratory testing, classification, and developing a subsurface soil profile. The subsurface investigation is also needed to assess the potential for liquefaction and lateral spreading. The following sections summarize the drilling methods, equipment, and sampling details for the proposed subsurface investigation.

## Rotary Wash Borings

Rotary wash drilling is a drilling method that allows for in situ soil testing and sampling of soil below the groundwater table, while maintaining a closed system. The borehole is advanced with the use of a drill pipe, drilling fluid (consisting of a slurry of either powdered bentonite or polymer and water), and a bit. As the bit rotates, producing cuttings at the bottom of the borehole, the drill pipe pumps drilling fluid to the bottom of the borehole, collecting cuttings as the fluid flows up through the annular space, and finally returning the cuttings to the surface and onto a tank. Here the soil cuttings are caught on a catch screen for classification, while the drilling fluid is recirculated through the tank, and back into the drill pipe. Casing is still recommended to be used when drilling with fluid. Having casing near the top of the borehole helps protect against caving of near surface soils from the disturbance of ongoing drilling operations. Figures 1 and 2 below contain images of the Rotary Wash Drilling System just described.



**Figure 1: From FHWA Manual on Subsurface Investigations: Rotary Wash Drilling System: (a) Typical drilling configuration; (b) casing and driving shoe; (c) Diamond, drag, and roller bits; (d) Drilling fluid discharge; (e) Fluid cuttings catch screen; (f) Settling basin (mud tank).**

Caltrans drill rigs utilize a punch-coring system, an additional inner core barrel inside of the drill steel, which is used to retrieve soil samples. Once the sampling depth is reached, the punch core barrel is advanced with the inner drill steel, then it is retrieved at 5-foot intervals using a wireline system of cables and winches. Soil samples obtained from the punch core are sealed and sent to a laboratory for testing of gradation, plasticity, and corrosion potential. This is repeated until the final drilling depth is reached. Two borings are proposed at the abutments for the bridge, avoiding the creek, and are anticipated to use the rotary wash drilling method.

No environmental testing is proposed during the subsurface investigation for the San Jose Creek Bridge project. The purpose of this subsurface investigation is to provide engineering soil properties, evaluate the current site conditions, and to verify liquefaction potential at the site for design of the new bridge. All the drill fluid and cuttings are pumped into sealed 55-gallon drums, removed from the site, and disposed of at an approved facility. The borehole will be abandoned and sealed in accordance with state and local permit requirements upon completion.

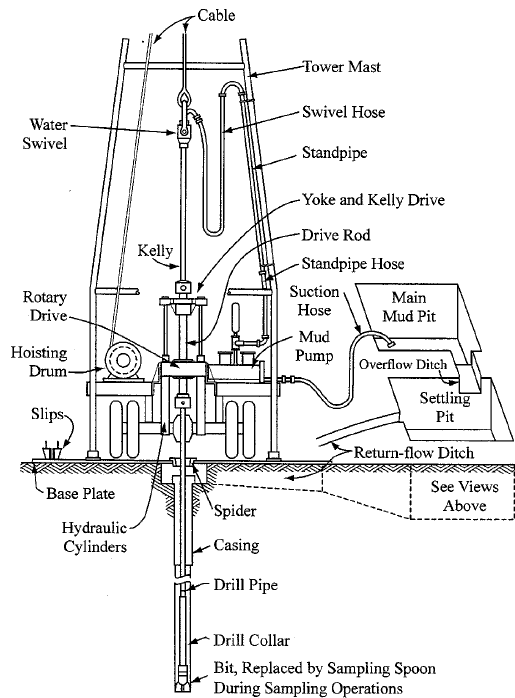


Figure 2: Rotary Wash Drill Rig Schematic (After FHWA, 2002)

## Standard Penetration Test (SPT)

Standard Penetration Tests (SPT) are performed at 5-foot intervals inside of the inner drill steel casing of the rotary wash borings. A 1.4-inch diameter open-ended steel sampler is driven into the soil at the base of the hole using a 140-pound hammer dropped from 30 inches. The number of blows are counted over three 6-inch intervals and used to correlate to the relative density and in-situ strength of the soil. Caltrans drill rigs are equipped with auto-hammers, mechanical devices that lift and drop the weight from the same height every time at a constant rate. The steel rods used to place the SPT at the base of the hole are separated from the body of water by steel casings, dampening vibrations from being transmitted through the water. In addition to this separation, the theoretical energy of the hammer impact is approximately 350 ft-lb, which is very low compared to impacts from pile foundation driving, which are on the order of 35,000 ft-lb for a typical pile driving hammer, or higher. Figure 3 shows the typical SPT and sampling procedure.

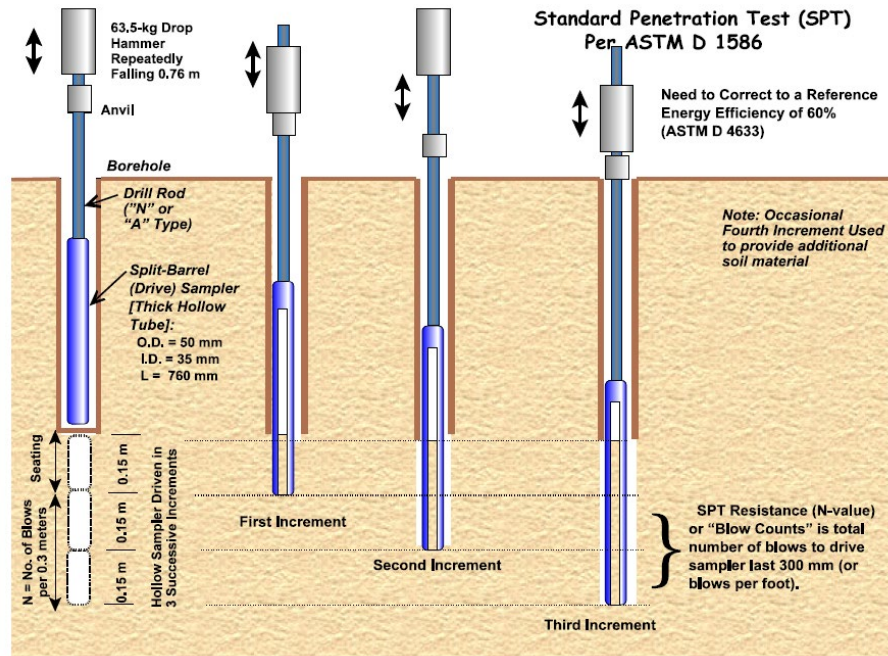


Figure 3: Testing and Sampling Sequence Using a Split-Barrel Sampler During the SPT (After FHWA, 2002)

### Additional Information

A total of two borings (R-19-001, R-19-002) with SPT samplings, are proposed at the site. The borings will be drilled about 100 feet below the existing grade, approximately located at each bridge support – avoiding the creek, with a truck mounted drill rig utilizing the punch core rotary wash drilling method as previously discussed. These borings will be drilled at existing road elevation (~57 ft elevation). Refer to the attached map of the project area for boring locations.

One truck mounted rotary wash drill rig will be required to conduct the drilling at the approximate abutment locations for the bridge and will be accompanied with two support vehicles. A typical drill crew of three to four field personnel will be on site, along with one representative and vehicle from this office. No overnight storage of supplies or equipment will occur on site.

Field work will likely occur at night between 10:00 pm and 6:00 am, Monday through Thursday of the work week, as lane and shoulder closures may be necessary for site safety. The anticipated duration of work is 2 to 3 days of access to the site to complete drilling and backfilling operations for each boring. This may be completed within 2 or 3 weeks depending upon the variabilities of the work. Boreholes are typically backfilled with a grout and water mixture, it is then allowed to cure overnight. If this initial batch of grout settles overnight, the remaining void is capped off with more grout, sealing the borehole.

In addition to clearance to perform work in and around the boring location site, Caltrans will also obtain monitoring well construction and destruction permits from Santa Barbara County. The work will be performed under the direction and oversight of a California licensed C-57 well



Matt Fowler  
April 17, 2019

Subsurface Investigation  
San Jose Creek Bridge  
Bridge No. 36-0163R/L  
EA 05-1H430

driller, and the drilling and sealing of borings and soundings will be performed in accordance with State and local requirements to protect groundwater and the environment. Caltrans drill crews are experienced and maintain equipment to perform the work in a responsible manner. References and information about other similar projects are available from the Office of Drilling Services.

## References

Mayne, P.W., Christopher, B.R., DeJong J., (2002). "Manual on Subsurface Investigations"  
FHWA Publication NHI-01-031.

If you have any questions or comments, please contact Ryan McKee at (805) 549-3287.



Ryan A. McKee, P.G.  
Engineering Geologist  
Office of Geotechnical Design – West, Branch E

Attachment: 1. Boring Location Map

c: Matt Fowler, Senior Environmental Planner  
Catherine Yim, Associate Environmental Planner  
Aldi Geramaldi, Associate Environmental Planner



Coord: 34.440970, -119.816640  
Borings: 2  
Max Depth: 100 ft  
Estimated Depth to GW: 10 ft  
Method: Rotary Wash, dia: 5 in

**Legend**  
● Bridge #  
■ proposed bor  
○ PM



R=19-001

51 0168L 51 0168R

R=19-002

Google Earth





# Selected Elements by Scientific Name

California Department of Fish and Wildlife

California Natural Diversity Database



Query Criteria: Quad<span style='color:Red'> IS </span>(Dos Pueblos Canyon (3411948)<span style='color:Red'> OR </span>Goleta (3411947)<span style='color:Red'> OR </span>Santa Barbara (3411946))

| Species   | Element Code | Federal Status | State Status         | Global Rank | State Rank | Rare Plant Rank/CDFW SSC or FP |
|---|--------------|----------------|----------------------|-------------|------------|--------------------------------|
| <i>Accipiter cooperii</i><br>Cooper's hawk  | ABNKC12040   | None           | None                 | G5          | S4         | WL                             |
| <i>Agelaius tricolor</i><br>tricolored blackbird                                  | ABPBXB0020   | None           | Candidate Endangered | G2G3        | S1S2       | SSC                            |
| <i>Aimophila ruficeps canescens</i><br>southern California rufous-crowned sparrow | ABPBX91091   | None           | None                 | G5T3        | S3         | WL                             |
| <i>Ammodramus savannarum</i><br>grasshopper sparrow                               | ABPBXA0020   | None           | None                 | G5          | S3         | SSC                            |
| <i>Anniella pulchra</i><br>northern California legless lizard                     | ARACC01020   | None           | None                 | G3          | S3         | SSC                            |
| <i>Antrozous pallidus</i><br>pallid bat   | AMACC10010   | None           | None                 | G5          | S3         | SSC                            |
| <i>Arctostaphylos refugioensis</i><br>Refugio manzanita                           | PDERI041B0   | None           | None                 | G3          | S3         | 1B.2                           |
| <i>Ardea alba</i><br>great egret  | ABNGA04040   | None           | None                 | G5          | S4         |                                |
| <i>Ardea herodias</i><br>great blue heron   | ABNGA04010   | None           | None                 | G5          | S4         |                                |
| <i>Artemisospiza belli belli</i><br>Bell's sage sparrow                           | ABPBX97021   | None           | None                 | G5T2T3      | S3         | WL                             |
| <i>Athene cunicularia</i><br>burrowing owl  | ABNSB10010   | None           | None                 | G4          | S3         | SSC                            |
| <i>Atriplex coulteri</i><br>Coulter's saltbush                                    | PDCHE040E0   | None           | None                 | G3          | S1S2       | 1B.2                           |
| <i>Atriplex serenana var. davidsonii</i><br>Davidson's saltscale                  | PDCHE041T1   | None           | None                 | G5T1        | S1         | 1B.2                           |
| <i>Bombus crotchii</i><br>Crotch bumble bee                                       | IIHYM24480   | None           | None                 | G3G4        | S1S2       |                                |
| <i>Buteo regalis</i><br>ferruginous hawk  | ABNKC19120   | None           | None                 | G4          | S3S4       | WL                             |
| <i>Calochortus fimbriatus</i><br>late-flowered mariposa-lily                      | PMLIL0D1J2   | None           | None                 | G3          | S3         | 1B.3                           |
| <i>Calystegia sepium ssp. binghamiae</i><br>Santa Barbara morning-glory           | PDCON040E6   | None           | None                 | G5TXQ       | SX         | 1A                             |
| <i>Centromadia parryi ssp. australis</i><br>southern tarplant                     | PDAST4R0P4   | None           | None                 | G3T2        | S2         | 1B.1                           |
| <i>Charadrius alexandrinus nivosus</i><br>western snowy plover                    | ABNNB03031   | Threatened     | None                 | G3T3        | S2S3       | SSC                            |



Selected Elements by Scientific Name  
California Department of Fish and Wildlife  
California Natural Diversity Database



| Species   | Element Code | Federal Status | State Status | Global Rank | State Rank | Rare Plant Rank/CDFW SSC or FP |
|---|--------------|----------------|--------------|-------------|------------|--------------------------------|
| <i>Cicindela hirticollis gravida</i><br>sandy beach tiger beetle                | IICOL02101   | None           | None         | G5T2        | S2         |                                |
| <i>Coelus globosus</i><br>globose dune beetle                                   | IICOL4A010   | None           | None         | G1G2        | S1S2       |                                |
| <i>Corynorhinus townsendii</i><br>Townsend's big-eared bat                      | AMACC08010   | None           | None         | G3G4        | S2         | SSC                            |
| <i>Coturnicops noveboracensis</i><br>yellow rail                                | ABNME01010   | None           | None         | G4          | S1S2       | SSC                            |
| <i>Danaus plexippus pop. 1</i><br>monarch - California overwintering population | IILEPP2012   | None           | None         | G4T2T3      | S2S3       |                                |
| <i>Delphinium umbraculorum</i><br>umbrella larkspur                             | PDRAN0B1W0   | None           | None         | G3          | S3         | 1B.3                           |
| <i>Egretta thula</i><br>snowy egret   | ABNGA06030   | None           | None         | G5          | S4         |                                |
| <i>Elanus leucurus</i><br>white-tailed kite                                     | ABNKC06010   | None           | None         | G5          | S3S4       | FP                             |
| <i>Emys marmorata</i><br>western pond turtle                                    | ARAAD02030   | None           | None         | G3G4        | S3         | SSC                            |
| <i>Eremophila alpestris actia</i><br>California horned lark                     | ABPAT02011   | None           | None         | G5T4Q       | S4         | WL                             |
| <i>Eucyclogobius newberryi</i><br>tidewater goby                                | AFCQN04010   | Endangered     | None         | G3          | S3         | SSC                            |
| <i>Eumops perotis californicus</i><br>western mastiff bat                       | AMACD02011   | None           | None         | G5T4        | S3S4       | SSC                            |
| <i>Fritillaria ojaiensis</i><br>Ojai fritillary                                 | PMLIL0V0N0   | None           | None         | G3          | S3         | 1B.2                           |
| <i>Horkelia cuneata var. puberula</i><br>mesa horkelia                          | PDR0S0W045   | None           | None         | G4T1        | S1         | 1B.1                           |
| <i>Juncus luciensis</i><br>Santa Lucia dwarf rush                               | PMJUN013J0   | None           | None         | G3          | S3         | 1B.2                           |
| <i>Lasiurus blossevillii</i><br>western red bat                                 | AMACC05060   | None           | None         | G5          | S3         | SSC                            |
| <i>Lasiurus cinereus</i><br>hoary bat   | AMACC05030   | None           | None         | G5          | S4         |                                |
| <i>Lasthenia conjugens</i><br>Contra Costa goldfields                           | PDAST5L040   | Endangered     | None         | G1          | S1         | 1B.1                           |
| <i>Lasthenia glabrata ssp. coulteri</i><br>Coulter's goldfields                 | PDAST5L0A1   | None           | None         | G4T2        | S2         | 1B.1                           |
| <i>Laterallus jamaicensis coturniculus</i><br>California black rail             | ABNME03041   | None           | Threatened   | G3G4T1      | S1         | FP                             |
| <i>Layia heterotricha</i><br>pale-yellow layia                                  | PDAST5N070   | None           | None         | G2          | S2         | 1B.1                           |





Selected Elements by Scientific Name  
California Department of Fish and Wildlife  
California Natural Diversity Database



| Species  | Element Code | Federal Status | State Status | Global Rank | State Rank | Rare Plant Rank/CDFW SSC or FP |
|--|--------------|----------------|--------------|-------------|------------|--------------------------------|
| <b><i>Lonicera subspicata</i> var. <i>subspicata</i></b><br>Santa Barbara honeysuckle    | PDCPR030R3   | None           | None         | G5T2?       | S2?        | 1B.2                           |
| <b><i>Monardella hypoleuca</i> ssp. <i>hypoleuca</i></b><br>white-veined monardella      | PDLAM180A5   | None           | None         | G4T3        | S3         | 1B.3                           |
| <b><i>Myotis yumanensis</i></b><br>Yuma myotis   | AMACC01020   | None           | None         | G5          | S4         |                                |
| <b><i>Nasturtium gambelii</i></b><br>Gambel's water cress                                | PDBRA270V0   | Endangered     | Threatened   | G1          | S1         | 1B.1                           |
| <b><i>Neotoma lepida intermedia</i></b><br>San Diego desert woodrat                      | AMAFF08041   | None           | None         | G5T3T4      | S3S4       | SSC                            |
| <b><i>Nycticorax nycticorax</i></b><br>black-crowned night heron                         | ABNGA11010   | None           | None         | G5          | S4         |                                |
| <b><i>Nyctinomops macrotis</i></b><br>big free-tailed bat                                | AMACD04020   | None           | None         | G5          | S3         | SSC                            |
| <b><i>Oncorhynchus mykiss irideus</i> pop. 10</b><br>steelhead - southern California DPS | AFCHA0209J   | Endangered     | None         | G5T1Q       | S1         |                                |
| <b><i>Passerculus sandwichensis beldingi</i></b><br>Belding's savannah sparrow           | ABPBX99015   | None           | Endangered   | G5T3        | S3         |                                |
| <b><i>Pelecanus occidentalis californicus</i></b><br>California brown pelican            | ABNFC01021   | Delisted       | Delisted     | G4T3T4      | S3         | FP                             |
| <b><i>Phalacrocorax auritus</i></b><br>double-crested cormorant                          | ABNFD01020   | None           | None         | G5          | S4         | WL                             |
| <b><i>Phrynosoma blainvillii</i></b><br>coast horned lizard                              | ARACF12100   | None           | None         | G3G4        | S3S4       | SSC                            |
| <b><i>Quercus dumosa</i></b><br>Nuttall's scrub oak                                      | PDFAG050D0   | None           | None         | G3          | S3         | 1B.1                           |
| <b><i>Rallus obsoletus levipes</i></b><br>light-footed Ridgway's rail                    | ABNME05014   | Endangered     | Endangered   | G5T1T2      | S1         | FP                             |
| <b><i>Rana draytonii</i></b><br>California red-legged frog                               | AAABH01022   | Threatened     | None         | G2G3        | S2S3       | SSC                            |
| <b><i>Riparia riparia</i></b><br>bank swallow  | ABPAU08010   | None           | Threatened   | G5          | S2         |                                |
| <b><i>Salvadora hexalepis virgultea</i></b><br>coast patch-nosed snake                   | ARADB30033   | None           | None         | G5T4        | S2S3       | SSC                            |
| <b><i>Scrophularia atrata</i></b><br>black-flowered figwort                              | PDSCR1S010   | None           | None         | G2?         | S2?        | 1B.2                           |
| <b>Southern Coastal Salt Marsh</b><br>Southern Coastal Salt Marsh                        | CTT52120CA   | None           | None         | G2          | S2.1       |                                |
| <b><i>Sternula antillarum browni</i></b><br>California least tern                        | ABNNM08103   | Endangered     | Endangered   | G4T2T3Q     | S2         | FP                             |
| <b><i>Suaeda esteroa</i></b><br>estuary seablite   | PDCHE0P0D0   | None           | None         | G3          | S2         | 1B.2                           |



Selected Elements by Scientific Name  
California Department of Fish and Wildlife  
California Natural Diversity Database



| Species  | Element Code | Federal Status | State Status | Global Rank | State Rank | Rare Plant Rank/CDFW SSC or FP |
|--|--------------|----------------|--------------|-------------|------------|--------------------------------|
| <i>Taricha torosa</i><br>Coast Range newt                                  | AAAAF02032   | None           | None         | G4          | S4         | SSC                            |
| <i>Thamnophis hammondi</i><br>two-striped gartersnake                      | ARADB36160   | None           | None         | G4          | S3S4       | SSC                            |
| <i>Thelypteris puberula</i> var. <i>sonorensis</i><br>Sonoran maiden fern  | PPTHE05192   | None           | None         | G5T3        | S2         | 2B.2                           |
| <i>Thermopsis macrophylla</i><br>Santa Ynez false lupine                   | PDFAB3Z0E0   | None           | Rare         | G1          | S1         | 1B.3                           |
| <i>Tryonia imitator</i><br>mimic tryonia (=California brackishwater snail) | IMGASJ7040   | None           | None         | G2          | S2         |                                |

Record Count: 66

**From:** [NMFSWCRCA Specieslist - NOAA Service Account](#)  
**To:** [Moule, John@DOT](mailto:Moule, John@DOT)  
**Subject:** Re: Caltrans under FHWA - San Jose Creek Bridge Replacement Project  
**Date:** Wednesday, February 27, 2019 3:22:14 PM

---

Receipt of this message confirms that NMFS has received your email to [nmfswcrca.specieslist@noaa.gov](mailto:nmfswcrca.specieslist@noaa.gov). If you are a federal agency (or representative) and have followed the steps outlined on the California Species List Tools web page ([http://www.westcoast.fisheries.noaa.gov/maps\\_data/california\\_species\\_list\\_tools.html](http://www.westcoast.fisheries.noaa.gov/maps_data/california_species_list_tools.html)), you have generated an official Endangered Species Act species list.

Messages sent to this email address are not responded to directly. For project specific questions, please contact your local NMFS office.

Northern California/Klamath (Arcata) 707-822-7201

North-Central Coast (Santa Rosa) 707-387-0737

Southern California (Long Beach) 562-980-4000

California Central Valley (Sacramento) 916-930-3600

**From:** [Moule, John@DOT](mailto:Moule,John@DOT)  
**To:** ["nmfswrcra.specieslist@noaa.gov"](mailto:nmfswrcra.specieslist@noaa.gov)  
**Subject:** Caltrans under FHWA - San Jose Creek Bridge Replacement Project  
**Date:** Wednesday, February 27, 2019 3:22:00 PM

---

Quad Name **Dos Pueblos Canyon**

Quad Number **34119-D8**

### **ESA Anadromous Fish**

SONCC Coho ESU (T) -  
CCC Coho ESU (E) -  
CC Chinook Salmon ESU (T) -  
CVSR Chinook Salmon ESU (T) -  
SRWR Chinook Salmon ESU (E) -  
NC Steelhead DPS (T) -  
CCC Steelhead DPS (T) -  
SCCC Steelhead DPS (T) -  
SC Steelhead DPS (E) - **X**  
CCV Steelhead DPS (T) -  
Eulachon (T) -  
sDPS Green Sturgeon (T) - **X**

### **ESA Anadromous Fish Critical Habitat**

SONCC Coho Critical Habitat -  
CCC Coho Critical Habitat -  
CC Chinook Salmon Critical Habitat -  
CVSR Chinook Salmon Critical Habitat -  
SRWR Chinook Salmon Critical Habitat -  
NC Steelhead Critical Habitat -  
CCC Steelhead Critical Habitat -  
SCCC Steelhead Critical Habitat -  
SC Steelhead Critical Habitat - **X**  
CCV Steelhead Critical Habitat -  
Eulachon Critical Habitat -  
sDPS Green Sturgeon Critical Habitat -

### **ESA Marine Invertebrates**

Range Black Abalone (E) - **X**  
Range White Abalone (E) - **X**

### **ESA Marine Invertebrates Critical Habitat**

Black Abalone Critical Habitat -

### **ESA Sea Turtles**

East Pacific Green Sea Turtle (T) - **X**



- Olive Ridley Sea Turtle (T/E) - X
- Leatherback Sea Turtle (E) - X
- North Pacific Loggerhead Sea Turtle (E) - X

**ESA Whales**

- Blue Whale (E) - X
- Fin Whale (E) - X
- Humpback Whale (E) - X
- Southern Resident Killer Whale (E) - X
- North Pacific Right Whale (E) - X
- Sei Whale (E) - X
- Sperm Whale (E) - X

**ESA Pinnipeds**

- Guadalupe Fur Seal (T) - X

**Essential Fish Habitat**

- Coho EFH -
- Chinook Salmon EFH -
- Groundfish EFH - X
- Coastal Pelagics EFH - X
- Highly Migratory Species EFH - X

**MMPA Species (See list at left)**

**ESA and MMPA Cetaceans/Pinnipeds**

**See list at left and consult the NMFS Long Beach office  
562-980-4000**

MMPA Cetaceans - X

MMPA Pinnipeds - X

Quad Name **Goleta**

Quad Number **34119-D7**

**ESA Anadromous Fish**

- SONCC Coho ESU (T) -
- CCC Coho ESU (E) -
- CC Chinook Salmon ESU (T) -
- CVSR Chinook Salmon ESU (T) -
- SRWR Chinook Salmon ESU (E) -
- NC Steelhead DPS (T) -
- CCC Steelhead DPS (T) -
- SCCC Steelhead DPS (T) -

SC Steelhead DPS (E) - X

CCV Steelhead DPS (T) -

Eulachon (T) -

sDPS Green Sturgeon (T) - X

### **ESA Anadromous Fish Critical Habitat**

SONCC Coho Critical Habitat -

CCC Coho Critical Habitat -

CC Chinook Salmon Critical Habitat -

CVSR Chinook Salmon Critical Habitat -

SRWR Chinook Salmon Critical Habitat -

NC Steelhead Critical Habitat -

CCC Steelhead Critical Habitat -

SCCC Steelhead Critical Habitat -

SC Steelhead Critical Habitat - X

CCV Steelhead Critical Habitat -

Eulachon Critical Habitat -

sDPS Green Sturgeon Critical Habitat -

### **ESA Marine Invertebrates**

Range Black Abalone (E) - X

Range White Abalone (E) - X

### **ESA Marine Invertebrates Critical Habitat**

Black Abalone Critical Habitat -

### **ESA Sea Turtles**

East Pacific Green Sea Turtle (T) - X

Olive Ridley Sea Turtle (T/E) - X

Leatherback Sea Turtle (E) - X

North Pacific Loggerhead Sea Turtle (E) - X

### **ESA Whales**

Blue Whale (E) - X

Fin Whale (E) - X

Humpback Whale (E) - X

Southern Resident Killer Whale (E) - X

North Pacific Right Whale (E) - X

Sei Whale (E) - X

Sperm Whale (E) - X

### **ESA Pinnipeds**

Guadalupe Fur Seal (T) - X

**Essential Fish Habitat**

- Coho EFH -
- Chinook Salmon EFH -
- Groundfish EFH - **X**
- Coastal Pelagics EFH - **X**
- Highly Migratory Species EFH - **X**

**MMPA Species (See list at left)**

**ESA and MMPA Cetaceans/Pinnipeds**

**See list at left and consult the NMFS Long Beach office  
562-980-4000**

- MMPA Cetaceans - **X**
- MMPA Pinnipeds - **X**
- Quad Name **Santa Barbara**
- Quad Number **34119-D6**

**ESA Anadromous Fish**

- SONCC Coho ESU (T) -
- CCC Coho ESU (E) -
- CC Chinook Salmon ESU (T) -
- CVSR Chinook Salmon ESU (T) -
- SRWR Chinook Salmon ESU (E) -
- NC Steelhead DPS (T) -
- CCC Steelhead DPS (T) -
- SCCC Steelhead DPS (T) -
- SC Steelhead DPS (E) - **X**
- CCV Steelhead DPS (T) -
- Eulachon (T) -
- sDPS Green Sturgeon (T) - **X**

**ESA Anadromous Fish Critical Habitat**

- SONCC Coho Critical Habitat -
- CCC Coho Critical Habitat -
- CC Chinook Salmon Critical Habitat -
- CVSR Chinook Salmon Critical Habitat -
- SRWR Chinook Salmon Critical Habitat -
- NC Steelhead Critical Habitat -
- CCC Steelhead Critical Habitat -
- SCCC Steelhead Critical Habitat -
- SC Steelhead Critical Habitat - **X**
- CCV Steelhead Critical Habitat -

Eulachon Critical Habitat -  
sDPS Green Sturgeon Critical Habitat -

**ESA Marine Invertebrates**

Range Black Abalone (E) - **X**

Range White Abalone (E) - **X**

**ESA Marine Invertebrates Critical Habitat**

Black Abalone Critical Habitat -

**ESA Sea Turtles**

East Pacific Green Sea Turtle (T) - **X**

Olive Ridley Sea Turtle (T/E) - **X**

Leatherback Sea Turtle (E) - **X**

North Pacific Loggerhead Sea Turtle (E) - **X**

**ESA Whales**

Blue Whale (E) - **X**

Fin Whale (E) - **X**

Humpback Whale (E) - **X**

Southern Resident Killer Whale (E) - **X**

North Pacific Right Whale (E) - **X**

Sei Whale (E) - **X**

Sperm Whale (E) - **X**

**ESA Pinnipeds**

Guadalupe Fur Seal (T) - **X**

**Essential Fish Habitat**

Coho EFH -

Chinook Salmon EFH -

Groundfish EFH - **X**

Coastal Pelagics EFH - **X**

Highly Migratory Species EFH - **X**

**MMPA Species (See list at left)**

**ESA and MMPA Cetaceans/Pinnipeds**

**See list at left and consult the NMFS Long Beach office  
562-980-4000**

MMPA Cetaceans - **X**

MMPA Pinnipeds - **X**



*John Moule*

*Biologist*

*SWCA Environmental Consultants*

*Representing Caltrans District 5*

*50 Higuera Street, San Luis Obispo, CA 93401*

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*(805) 549-3628 office & (805) 478-8786 mobile*



# United States Department of the Interior



FISH AND WILDLIFE SERVICE  
Ventura Fish And Wildlife Office  
2493 Portola Road, Suite B  
Ventura, CA 93003-7726  
Phone: (805) 644-1766 Fax: (805) 644-3958

In Reply Refer To:  
Consultation Code: 08EVEN00-2018-SLI-0469  
Event Code: 08EVEN00-2019-E-00747  
Project Name: San Jose Creek Bridge Replacement

February 27, 2019

Subject: Updated list of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

## To Whom It May Concern:

The enclosed list identifies species listed as threatened and endangered, species proposed for listing as threatened or endangered, designated and proposed critical habitat, and species that are candidates for listing that may occur within the boundary of the area you have indicated using the U.S. Fish and Wildlife Service's (Service) Information Planning and Conservation System (IPaC). The species list fulfills the requirements under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 et seq.). Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the species list should be verified after 90 days. We recommend that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists following the same process you used to receive the enclosed list. Please include the Consultation Tracking Number in the header of this letter with any correspondence about the species list.

Due to staff shortages and excessive workload, we are unable to provide an official list more specific to your area. Numerous other sources of information are available for you to narrow the list to the habitats and conditions of the site in which you are interested. For example, we recommend conducting a biological site assessment or surveys for plants and animals that could help refine the list.

If a Federal agency is involved in the project, that agency has the responsibility to review its proposed activities and determine whether any listed species may be affected. If the project is a major construction project\*, the Federal agency has the responsibility to prepare a biological assessment to make a determination of the effects of the action on the listed species or critical habitat. If the Federal agency determines that a listed species or critical habitat is likely to be adversely affected, it should request, in writing through our office, formal consultation pursuant to section 7 of the Act. Informal consultation may be used to exchange information and resolve conflicts with respect to threatened or endangered species or their critical habitat prior to a

written request for formal consultation. During this review process, the Federal agency may engage in planning efforts but may not make any irreversible commitment of resources. Such a commitment could constitute a violation of section 7(d) of the Act.

Federal agencies are required to confer with the Service, pursuant to section 7(a)(4) of the Act, when an agency action is likely to jeopardize the continued existence of any proposed species or result in the destruction or adverse modification of proposed critical habitat (50 CFR 402.10(a)). A request for formal conference must be in writing and should include the same information that would be provided for a request for formal consultation. Conferences can also include discussions between the Service and the Federal agency to identify and resolve potential conflicts between an action and proposed species or proposed critical habitat early in the decision-making process. The Service recommends ways to minimize or avoid adverse effects of the action. These recommendations are advisory because the jeopardy prohibition of section 7(a)(2) of the Act does not apply until the species is listed or the proposed critical habitat is designated. The conference process fulfills the need to inform Federal agencies of possible steps that an agency might take at an early stage to adjust its actions to avoid jeopardizing a proposed species.

When a proposed species or proposed critical habitat may be affected by an action, the lead Federal agency may elect to enter into formal conference with the Service even if the action is not likely to jeopardize or result in the destruction or adverse modification of proposed critical habitat. If the proposed species is listed or the proposed critical habitat is designated after completion of the conference, the Federal agency may ask the Service, in writing, to confirm the conference as a formal consultation. If the Service reviews the proposed action and finds that no significant changes in the action as planned or in the information used during the conference have occurred, the Service will confirm the conference as a formal consultation on the project and no further section 7 consultation will be necessary. Use of the formal conference process in this manner can prevent delays in the event the proposed species is listed or the proposed critical habitat is designated during project development or implementation.

Candidate species are those species presently under review by the Service for consideration for Federal listing. Candidate species should be considered in the planning process because they may become listed or proposed for listing prior to project completion. Preparation of a biological assessment, as described in section 7(c) of the Act, is not required for candidate species. If early evaluation of your project indicates that it is likely to affect a candidate species, you may wish to request technical assistance from this office.

Only listed species receive protection under the Act. However, sensitive species should be considered in the planning process in the event they become listed or proposed for listing prior to project completion. We recommend that you review information in the California Department of Fish and Wildlife's Natural Diversity Data Base. You can contact the California Department of Fish and Wildlife at (916) 324-3812 for information on other sensitive species that may occur in this area.

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[\*A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.]

Attachment(s):

- Official Species List
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## Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

**Ventura Fish And Wildlife Office**

2493 Portola Road, Suite B

Ventura, CA 93003-7726

(805) 644-1766

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## Project Summary

Consultation Code: 08EVEN00-2018-SLI-0469

Event Code: 08EVEN00-2019-E-00747

Project Name: San Jose Creek Bridge Replacement

Project Type: TRANSPORTATION

Project Description: Due to reactive aggregate in the concrete, the two SR-101 bridges over San Jose Creek need to be replaced. Additional work on the median barrier and a retaining wall will be required. Work will require access to the creek.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/34.441150158606845N119.81626437251079W>



Counties: Santa Barbara, CA

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## Endangered Species Act Species

There is a total of 13 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries<sup>1</sup>, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

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1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.
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## Birds

| NAME   | STATUS     |
|--|------------|
| California Least Tern <i>Sterna antillarum browni</i><br>No critical habitat has been designated for this species.<br>Species profile: <a href="https://ecos.fws.gov/ecp/species/8104">https://ecos.fws.gov/ecp/species/8104</a>   | Endangered |
| Least Bell's Vireo <i>Vireo bellii pusillus</i><br>There is <b>final</b> critical habitat for this species. Your location is outside the critical habitat.<br>Species profile: <a href="https://ecos.fws.gov/ecp/species/5945">https://ecos.fws.gov/ecp/species/5945</a>   | Endangered |
| Light-footed Clapper Rail <i>Rallus longirostris levipes</i><br>No critical habitat has been designated for this species.<br>Species profile: <a href="https://ecos.fws.gov/ecp/species/6035">https://ecos.fws.gov/ecp/species/6035</a>  | Endangered |
| Marbled Murrelet <i>Brachyramphus marmoratus</i><br>Population: U.S.A. (CA, OR, WA)<br>There is <b>final</b> critical habitat for this species. Your location is outside the critical habitat.<br>Species profile: <a href="https://ecos.fws.gov/ecp/species/4467">https://ecos.fws.gov/ecp/species/4467</a>   | Threatened |
| Southwestern Willow Flycatcher <i>Empidonax traillii extimus</i><br>There is <b>final</b> critical habitat for this species. Your location is outside the critical habitat.<br>Species profile: <a href="https://ecos.fws.gov/ecp/species/6749">https://ecos.fws.gov/ecp/species/6749</a>  | Endangered |
| Western Snowy Plover <i>Charadrius nivosus nivosus</i><br>Population: Pacific Coast population DPS-U.S.A. (CA, OR, WA), Mexico (within 50 miles of Pacific coast)<br>There is <b>final</b> critical habitat for this species. Your location is outside the critical habitat.<br>Species profile: <a href="https://ecos.fws.gov/ecp/species/8035">https://ecos.fws.gov/ecp/species/8035</a> | Threatened |

## Amphibians

| NAME  | STATUS     |
|---|------------|
| California Red-legged Frog <i>Rana draytonii</i><br>There is <b>final</b> critical habitat for this species. Your location is outside the critical habitat.<br>Species profile: <a href="https://ecos.fws.gov/ecp/species/2891">https://ecos.fws.gov/ecp/species/2891</a> | Threatened |

## Fishes

| NAME   | STATUS     |
|--|------------|
| Tidewater Goby <i>Eucyclogobius newberryi</i><br>There is <b>final</b> critical habitat for this species. Your location is outside the critical habitat.<br>Species profile: <a href="https://ecos.fws.gov/ecp/species/57">https://ecos.fws.gov/ecp/species/57</a> | Endangered |

## Crustaceans

| NAME   | STATUS     |
|--|------------|
| Vernal Pool Fairy Shrimp <i>Branchinecta lynchi</i><br>There is <b>final</b> critical habitat for this species. Your location is outside the critical habitat.<br>Species profile: <a href="https://ecos.fws.gov/ecp/species/498">https://ecos.fws.gov/ecp/species/498</a> | Threatened |

## Flowering Plants

| NAME  | STATUS     |
|---|------------|
| Contra Costa Goldfields <i>Lasthenia conjugens</i><br>There is <b>final</b> critical habitat for this species. Your location is outside the critical habitat.<br>Species profile: <a href="https://ecos.fws.gov/ecp/species/7058">https://ecos.fws.gov/ecp/species/7058</a> | Endangered |
| Gambel's Watercress <i>Rorippa gambellii</i><br>No critical habitat has been designated for this species.<br>Species profile: <a href="https://ecos.fws.gov/ecp/species/4201">https://ecos.fws.gov/ecp/species/4201</a>   | Endangered |
| Marsh Sandwort <i>Arenaria paludicola</i><br>No critical habitat has been designated for this species.<br>Species profile: <a href="https://ecos.fws.gov/ecp/species/2229">https://ecos.fws.gov/ecp/species/2229</a>  | Endangered |
| Salt Marsh Bird's-beak <i>Cordylanthus maritimus ssp. maritimus</i><br>No critical habitat has been designated for this species.<br>Species profile: <a href="https://ecos.fws.gov/ecp/species/6447">https://ecos.fws.gov/ecp/species/6447</a>                              | Endangered |

## Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.