

- | | | |
|---|---|--|
| <input type="checkbox"/> <input checked="" type="checkbox"/> Vegetation removal | <input type="checkbox"/> <input checked="" type="checkbox"/> Pile driving | <input type="checkbox"/> <input checked="" type="checkbox"/> Part of larger adjacent project |
| <input type="checkbox"/> <input checked="" type="checkbox"/> Tree removal | <input type="checkbox"/> <input checked="" type="checkbox"/> Demolition | <input type="checkbox"/> <input checked="" type="checkbox"/> Railroad |

Required Attachments:

- | | | |
|---|---|---|
| <input checked="" type="checkbox"/> Regional map | <input checked="" type="checkbox"/> Project location map | <input type="checkbox"/> Project footprint map (existing/proposed right of way) |
| <input checked="" type="checkbox"/> Engineering drawings (existing and proposed cross sections), if available | <input type="checkbox"/> Borrow/disposal site location map, if applicable | |
- (Note: all maps (except project location map and regional maps) should be consistent with the project description (minimum scale: 1" = 200').)*
- Notes to support the conclusions of this checklist/project description continuation page (attached)

Examine the project for potential effects on the environment, direct or indirect and answer the following questions. The "construction area," as specified below, includes all areas of ground disturbance associated with the project, including staging and stockpiling areas and temporary access roads.

Each answer must be briefly documented on the "Notes" pages at the end of the PES Form.

A. Potential Environmental Effects	Yes	To Be Determined	No
General			
1. Will the project require future construction to fully utilize the design capabilities included in the proposed project?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Will the project generate public controversy?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Noise			
3. Is the project a Type I project as defined in 23 CFR 772.5(h); "construction on new location or the physical alteration of an existing highway, which significantly changes either the horizontal or vertical alignment or increases the number of through-traffic lanes"?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Does the project have the potential for adverse construction-related noise impact (such as related to pile driving)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Air Quality			
5. Is the project in a NAAQS non-attainment or maintenance area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Is the project exempt from the requirement that a conformity determination be made? (If "Yes," state which conformity exemption in 40 CFR 93.126, Table 2 applies): Air Quality <u>Bicycle and Pedestrian Facilities</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Is the project exempt from regional conformity? (If "Yes," state which conformity exemption in 40 CFR 93.127, Table 3 applies): <u>Bicycle and Pedestrian Facilities</u> .	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. If project is not exempt from regional conformity, (If "No" on Question #7) Is project in a metropolitan non-attainment/maintenance area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is project in an isolated rural non-attainment area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is project in a CO, PM10 and/or PM2.5 non-attainment/maintenance area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hazardous Materials/Hazardous Waste			
9. Is there potential for hazardous materials (including underground or aboveground tanks, etc.) or hazardous waste (including oil/water separators, waste oil, asbestos-containing material, lead-based paint, ADL, etc.) within or immediately adjacent to the construction area?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Water Quality/Resources			
10. Does the project have the potential to impact water resources (rivers, streams, bays, inlets, lakes, drainage sloughs) within or immediately adjacent to the project area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Is the project within a designated sole-source aquifer?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Coastal Zone			
12. Is the project within the State Coastal Zone, San Francisco Bay, or Suisun Marsh?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Floodplain			
13. Is the construction area located within a regulatory floodway or within the base floodplain (100-year elevation of a watercourse or lake)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Wild and Scenic Rivers

14. Is the project within or immediately adjacent to a Wild and Scenic River System?

Biological Resources

15. Is there a potential for federally listed threatened or endangered species, or their critical habitat or essential fish habitat to occur within or adjacent to the construction area?
16. Does the project have the potential to directly or indirectly affect migratory birds, or their nests or eggs (such as vegetation removal, box culvert replacement/repair, bridge work, etc.)?
17. Is there a potential for wetlands to occur within or adjacent to the construction area?
18. Is there a potential for agricultural wetlands to occur within or adjacent to the construction area?
19. Is there a potential for the introduction or spread of invasive plant species?

Sections 4(f) and 6(f)

20. Are there any historic sites or publicly owned public parks, recreation areas, wildlife or waterfowl refuges (Section 4[f]) within or immediately adjacent to the construction area?
21. Does the project have the potential to affect properties acquired or improved with Land and Water Conservation Fund Act (Section 6[f]) funds?

Visual Resources

22. Does the project have the potential to affect any visual or scenic resources?

Relocation Impacts

23. Will the project require the relocation of residential or business properties?

Land Use, Community, and Farmland Impacts

24. Will the project require any right of way, including partial or full takes? Consider construction easements and utility relocations.
25. Is the project inconsistent with plans and goals adopted by the community?
26. Does the project have the potential to divide or disrupt neighborhoods/communities?
27. Does the project have the potential to disproportionately affect low-income and minority populations?
28. Will the project require the relocation of public utilities?
29. Will the project affect access to properties or roadways?
30. Will the project involve changes in access control to the State Highway System (SHS)?
31. Will the project involve the use of a temporary road, detour, or ramp closure?
32. Will the project reduce available parking?
33. Will the project construction encroach on state or federal lands?
34. Will the project convert any farmland to a different use or impact any farmlands?

Cultural Resources

35. Is there National Register listed, or potentially eligible historic properties, or archaeological resources within or immediately adjacent to the construction area?
(Note: Caltrans PQS answers question #35)
36. Is the project adjacent to, or would it encroach on Tribal land?

For Sections B, C, and D, check appropriate box to indicate required technical studies, coordination, permits, or approvals.

B. Required Technical Studies and Analyses	C. Coordination	D. Anticipated Actions/Permits/Approvals
<input type="checkbox"/> Traffic <i>Check one:</i> <input type="checkbox"/> Traffic Study	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> Technical Memorandum	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval

<input type="checkbox"/> Discussion in ED Only	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> Noise <i>Check as applicable:</i> <input type="checkbox"/> Traffic Related <input type="checkbox"/> Construction Related <i>Check one:</i> <input type="checkbox"/> Noise Study Report	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> NADR	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> Technical Memorandum	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> Discussion in ED Only	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> Air Quality <i>Check as applicable:</i> <input type="checkbox"/> Traffic Related <input type="checkbox"/> Construction Related <i>Check one:</i> <input type="checkbox"/> Air Quality Report	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> Technical Memorandum	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> Discussion in ED Only	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
	<input type="checkbox"/> FHWA	<input type="checkbox"/> Conformity Finding (23 USC 327 CEs, EAs, EISs)
	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Conformity Finding (23 USC 326 CEs)
	<input type="checkbox"/> Regional Agency	<input type="checkbox"/> PM10/PM2.5 Interagency Consultation
<input type="checkbox"/> Hazardous Materials/ Hazardous Waste <i>Check as applicable:</i> <input type="checkbox"/> Initial Site Assessment (Phase 1)	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> Preliminary Site Assessment (Phase 2)	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> Discussion in ED Only	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
	<input type="checkbox"/> Cal EPA DTSC	<input type="checkbox"/> Review Database
	<input type="checkbox"/> Local Agency	<input type="checkbox"/> Review Database
<input checked="" type="checkbox"/> Water Quality/Resources <i>Check as applicable:</i> <input type="checkbox"/> Water Quality Assess. Report	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input checked="" type="checkbox"/> Technical Memorandum	<input checked="" type="checkbox"/> Caltrans	<input checked="" type="checkbox"/> Approval
<input type="checkbox"/> Discussion in ED Only	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> Sole-Source Aquifer (Districts 5, 6 and 11)	<input type="checkbox"/> EPA (S.F. Regional Office)	<input type="checkbox"/> Approval of Analysis in ED
<input type="checkbox"/> Coastal Zone	<input type="checkbox"/> CCC	<input type="checkbox"/> Coastal Zone Consistency Determination

B. Required Technical Studies and Analyses	C. Coordination	D. Anticipated Actions/Permits/Approvals
<input checked="" type="checkbox"/> Floodplain		
<i>Check as applicable:</i>		
<input type="checkbox"/> Location Hydraulic Study	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> Floodplain Evaluation Report	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> Summary Floodplain Encroachment Report	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Only Practicable Alternative Finding
	<input type="checkbox"/> FHWA	<input type="checkbox"/> Approves significant encroachments and concurs in Only Practicable Alternative Findings
<input type="checkbox"/> Wild and Scenic Rivers	<input type="checkbox"/> River Managing Agency	<input type="checkbox"/> Wild and Scenic Rivers Determination
<input checked="" type="checkbox"/> Biological Resources		
<i>Check as applicable:</i>		
<input type="checkbox"/> NES, Minimal Impact	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input checked="" type="checkbox"/> NES		
<input type="checkbox"/> BA	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approves for Consultation
	<input checked="" type="checkbox"/> USFWS <input type="checkbox"/> NOAA Fisheries	<input checked="" type="checkbox"/> Section 7 Informal/Formal Consultation
<input type="checkbox"/> EFH Evaluation	<input type="checkbox"/> NOAA Fisheries	<input type="checkbox"/> MSA Consultation
<input type="checkbox"/> Bio-Acoustic Evaluation	<input type="checkbox"/> NOAA Fisheries	<input type="checkbox"/> Approval
<input type="checkbox"/> Technical Memorandum	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> Wetlands		
<i>Check as applicable:</i>		
<input checked="" type="checkbox"/> WD and Assessment	<input checked="" type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
	<input checked="" type="checkbox"/> ACOE	<input type="checkbox"/> Wetland Verification
	<input type="checkbox"/> NRCS	<input type="checkbox"/> Agricultural Wetland Verification
	<input type="checkbox"/> Caltrans	<input checked="" type="checkbox"/> Wetlands Only Practicable Alternative Finding
<input type="checkbox"/> Invasive Plants		
<input type="checkbox"/> Discussion in ED Only	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input checked="" type="checkbox"/> Section 4(f)		
<i>Check as applicable:</i>		
<input type="checkbox"/> De minimis	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Determine Temporary Occupancy
<input type="checkbox"/> De minimis	<input type="checkbox"/> Caltrans	<input type="checkbox"/> De minimis finding
<input checked="" type="checkbox"/> Programmatic 4(f) Evaluation Type: <u>Bikeway or Walkway</u> Construction	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> Individual 4(f) Evaluation	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
	<input type="checkbox"/> Agency with Jurisdiction <input type="checkbox"/> SHPO <input type="checkbox"/> DOI <input type="checkbox"/> HUD <input type="checkbox"/> USDA	

B. Required Technical Studies and Analyses	C. Coordination	D. Anticipated Actions/Permits/Approvals
<input checked="" type="checkbox"/> Section 6(f)	<input checked="" type="checkbox"/> Agency with Jurisdiction <input checked="" type="checkbox"/> NPS	<input type="checkbox"/> Determines Consistency with Long-Term Management Plan
	<input type="checkbox"/> NPS	<input checked="" type="checkbox"/> Approves Conversion
<input type="checkbox"/> Visual Resources <input type="checkbox"/> Technical Memorandum <input type="checkbox"/> Minor VIA <input type="checkbox"/> Moderate VIA <input type="checkbox"/> Advance/Complex VIA	<input type="checkbox"/> Caltrans <input type="checkbox"/> Caltrans <input type="checkbox"/> Caltrans <input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval <input type="checkbox"/> Approval <input type="checkbox"/> Approval <input type="checkbox"/> Approval
<input type="checkbox"/> Relocation Impacts <i>Check one:</i> <input type="checkbox"/> Relocation Impact Memo <input type="checkbox"/> Relocation Impact Study <input type="checkbox"/> Relocation Impact Report	<input type="checkbox"/> Caltrans <input type="checkbox"/> Caltrans <input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval <input type="checkbox"/> Approval <input type="checkbox"/> Approval
<input type="checkbox"/> Land Use and Community Impacts <i>Check one:</i> <input type="checkbox"/> CIA <input type="checkbox"/> Technical Memorandum <input type="checkbox"/> Discussion in ED Only	<input type="checkbox"/> Caltrans <input type="checkbox"/> Caltrans <input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval <input type="checkbox"/> Approval <input type="checkbox"/> Approval
<input type="checkbox"/> Construction/Encroachment on State Lands <i>Check as applicable:</i> <input type="checkbox"/> SLC Jurisdiction <input type="checkbox"/> Caltrans Jurisdiction <input type="checkbox"/> SP Jurisdiction	<input type="checkbox"/> SLC <input type="checkbox"/> Caltrans <input type="checkbox"/> SP	<input type="checkbox"/> SLC Lease <input type="checkbox"/> Encroachment Permit <input type="checkbox"/> Encroachment Permit
<input type="checkbox"/> Construction/Encroachment on Federal Lands	<input type="checkbox"/> Federal Agency with Jurisdiction	<input type="checkbox"/> Encroachment Permit
<input type="checkbox"/> Construction/Encroachment On Indian Trust Lands	<input type="checkbox"/> Bureau of Indian Affairs	<input type="checkbox"/> Right of Way Permit
<input type="checkbox"/> Farmlands <i>Check one:</i> <input type="checkbox"/> CIA <input type="checkbox"/> Technical Memorandum <input type="checkbox"/> Discussion in ED Only <i>Check as applicable:</i> <input type="checkbox"/> Form AD 1006 <input type="checkbox"/> Conversion to Non-Agri Use	<input type="checkbox"/> Caltrans <input type="checkbox"/> Caltrans <input type="checkbox"/> Caltrans <input type="checkbox"/> NRCS <input type="checkbox"/> CDOC <input type="checkbox"/> ACOE	<input type="checkbox"/> Approval <input type="checkbox"/> Approval <input type="checkbox"/> Approval <input type="checkbox"/> Approves Conversion <input type="checkbox"/> Approves Conversion

B. Required Technical Studies and Analyses	C. Coordination	D. Anticipated Actions/Permits/Approvals
<input checked="" type="checkbox"/> Cultural Resources (PQS completes this section) <i>Check as applicable:</i>		
<input type="checkbox"/> APE Map	<input type="checkbox"/> Caltrans PQS <input type="checkbox"/> Caltrans PQS and DLAE	<input type="checkbox"/> Screened Undertaking <input type="checkbox"/> Approves APE Map
	<input type="checkbox"/> Local Preservation Groups and/or Native American Tribes	<input type="checkbox"/> Provides Comments Regarding Concerns with Project
<input checked="" type="checkbox"/> HPSR <input type="checkbox"/> ASR <input type="checkbox"/> HRER	<input checked="" type="checkbox"/> Caltrans	<input checked="" type="checkbox"/> Approves for Consultation
<input checked="" type="checkbox"/> Finding of Effect Report	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Concurs on No Effect, No Adverse Effect with Standard Conditions
	<input type="checkbox"/> SHPO	<input type="checkbox"/> Letter of Concurrence on Eligibility, No Adverse Effect without Standard
<input type="checkbox"/> MOA	<input type="checkbox"/> Caltrans <input type="checkbox"/> SHPO <input type="checkbox"/> ACHP (if requested)	<input type="checkbox"/> Approves MOA <input type="checkbox"/> Approves MOA <input type="checkbox"/> Approves MOA
<input type="checkbox"/> Permits Copies of permits and a list of mitigation commitments are mandatory submittals following NEPA approval.	<input type="checkbox"/> ACOE <input type="checkbox"/> ACOE <input type="checkbox"/> Caltrans/ACOE/EPA <input type="checkbox"/> USFWS <input type="checkbox"/> NOAA Fisheries <input type="checkbox"/> ACOE <input type="checkbox"/> USCG <input type="checkbox"/> RWQCB <input type="checkbox"/> CDFG <input type="checkbox"/> RWQCB <input type="checkbox"/> CCC <input type="checkbox"/> Local Agency <input type="checkbox"/> BCDC	<input type="checkbox"/> Section 404 Nationwide Permit <input type="checkbox"/> Section 404 Individual Permit <input type="checkbox"/> NEPA/404 Integration MOU <input type="checkbox"/> Rivers and Harbors Act Section 10 Permit <input type="checkbox"/> USCG Bridge Permit <input type="checkbox"/> Section 401 Water Quality Certification <input type="checkbox"/> Section 1602 Streambed Alteration Agreement <input type="checkbox"/> NPDES Permit <input type="checkbox"/> Coastal Zone Permit <input type="checkbox"/> BCDC Permit

Notes: Additional studies may be required for other federal agencies.

ACHP	=	Advisory Council on Historic Preservation	HRER	=	Historical Resources Evaluation Report
ACOE	=	U.S. Army Corps of Engineers	HUD	=	U.S. Housing and Urban Development
ADL	=	Aerially Deposited Lead	MOA	=	Memorandum of Agreement
APE	=	Area of Potential Effect	MSA	=	Magnuson-Stevens Fishery Conservation and Management Act
APN	=	Assessor Parcel Number	NEPA	=	National Environmental Policy Act
ASR	=	Archaeological Survey Report	NADR	=	Noise Abatement Decision Report
BA	=	Biological Assessment	NES	=	Natural Environment Study
BCDC	=	Bay Conservation and Development Commission	NHPA	=	National Historic Preservation Act
BE	=	Biological Evaluation	NOAA	=	National Oceanic and Atmospheric Administration
BO	=	Biological Opinion	NMFS	=	National Marine Fisheries Service
Cal EPA	=	California Environmental Protection Agency	NPDES	=	National Pollutant Discharge Elimination System
CCC	=	California Coastal Commission	NPS	=	National Park Service
CDFG	=	California Department of Fish and Game	NRCS	=	Natural Resources Conservation Service
CDOC	=	California Department of Conservation	PM10	=	Particulate Matter 10 Microns in Diameter or Less
CE	=	Categorical Exclusion	PM2.5	=	Particulate Matter 2.5 Microns in Diameter or Less
CIA	=	Community Impact Assessment	PMP	=	Project Management Plan
CWA	=	Clean Water Act	PQS	=	Professionally Qualified Staff
DLAE	=	District Local Assistance Engineer	ROD	=	Record of Decision
DOI	=	U.S. Department of Interior	RTIP	=	Regional Transportation Improvement Program
DTSC	=	Department of Toxic Substances Control	RTP	=	Regional Transportation Plan
EA	=	Environmental Assessment	RWQCB	=	Regional Water Quality Control Board
ED	=	Environmental Document	SER	=	Standard Environmental Reference
EFH	=	Essential Fish Habitat	SEP	=	Senior Environmental Planner
EIS	=	Environmental Impact Statement	SHPO	=	State Historic Preservation Officer
EPA	=	U.S. Environmental Protection Agency	SLC	=	State Lands Commission
FEMA	=	Federal Emergency Management Agency	SP	=	State Parks
FHWA	=	Federal Highway Administration	TIP	=	Transportation Improvement Program
FONSI	=	Finding of No Significant Impacted	USCG	=	U.S. Coast Guard
FTIP	=	Federal Transportation Improvement Program	USDA	=	U.S. Department of Agriculture
HPSR	=	Historic Property Survey Report	USFWS	=	U.S. Fish and Wildlife Service
			WD	=	Wetland Delineation

E. Preliminary Environmental Document Classification (NEPA)

Based on the evaluation of the project, the environmental document to be developed should be:

Check one:

- Environmental Impact Statement (*Note: Engagement with participating agencies in accordance with 23 USC 139 required*)
 - Compliance with 23 USC 139 regarding Participating Agencies required
- Complex Environmental Assessment
- Routine Environmental Assessment
- Categorical Exclusion without required technical studies.
- Categorical Exclusion with required technical studies

(if Categorical Exclusion is selected, check one of the following):

- Section 23 USC 326
 - 23 CFR 771 activity (c)(3)
 - 23 CFR 771 activity (d) (____)
 - Activity ____ listed in the Section 23 USC 326
- Section 23 USC 327

F. Public Availability and Public Hearing

Check as applicable:

- Not Required
- Notice of Availability of Environmental Document
- Public Meeting
- Notice of Opportunity for a Public Hearing
- Public Hearing Required

G. Signatures

Local Agency Staff and/or Consultant Signature

(Signature of Preparer)

(Date)

(714) 533-3050
(Telephone No.)

Justin Smeets
(Name)

Local Agency Project Engineer Signature

This document was prepared under my supervision, according to the *Local Assistance Procedures Manual*, Exhibit 6-B, "Instructions for Completing the Preliminary Environmental Study Form."

(Signature of Local Agency)

(Date)

(Telephone No.)

Caltrans District Professionally Qualified Staff (PQS) Signature

- Project does not meet definition of an “undertaking”; no further review is necessary under Section 106 (“No” Section A, #35).
- Project is limited to the type of activity listed in Attachment 2 of the Section 106 PA and based on the information provided in the PES Form, the project does not have the potential to affect historic properties (“No” Section A, #35).
- Project is limited to the type of activity listed in Attachment 2 of the Section 106 PA, but the following additional procedures or information is needed to determine the potential for effect (“To Be Determined” Section A, #35):
 - Records Search _____ _____ _____
- Project meets the definition of an “undertaking”; all properties in the project area are exempt from evaluation per Attachment 4 of the Section 106 PA (“No” Section A, #35).
- The proposed undertaking is considered to have the potential to affect historic properties; further studies for 106 compliance are indicated in Sections B, C, and D of this PES Form (“Yes” Section A, #35).

(Signature of Professionally Qualified Staff) _____ *(Date)* _____ *(Telephone No.)*

The following signatures are required for all CEs, routine and complex EAs, and EISs:

Caltrans District Senior Environmental Planner (or Designee) and DLAE Signatures

I have reviewed this Preliminary Environmental Study (PES) Form and determined that the submittal is complete and sufficient. I concur with the studies to be performed and the recommended NEPA Class of Action.

(Signature of Senior Environmental Planner or Designee) _____ *(Date)* _____ *(Telephone No.)*

(Name)

(Signature of District Local Assistance Engineer or Designee) _____ *(Date)* _____ *(Telephone No.)*

(Name)

HQ DEA Environmental Coordinator concurrence _____ . Email concurrence attached.
(date)

Preliminary Environmental Investigation
Notes to Support the Conclusions of the PES Form
(May Also Include Continuation of Detailed Project Description)

Brief Explanation of How Project Complies, or Will Comply with Applicable Federal Mandate (Part A):

1. Presently, there is no convenient bicycle trail connection from Placentia Avenue and Fairview Park to Santa Ana River Regional Trail. The current access is by using pedestrian trails in Fairview Park that are severely damaged and constantly flooded even in light rain conditions. The proposed improvements will connect to Canyon Drive to the south, Placentia Avenue to the east, and Talbert Nature Preserve and Santa Ana River Regional Bicycle Trail to the west. The proposed trail alignment is part of the City's Master Plan of Bikeways for a Class I facility. No future construction is necessary to fully utilize the proposed trail.
2. No. Fairview Park Citizens Advisory Committee meets monthly and is involved in the development of the proposed park improvements. There has been no major public controversy.
3. This project is not a Type I project as defined in CFR 772.5(h) The project is for bicycle facilities and will only require minimal construction activities along existing trail.
4. No major construction related noise is anticipated. The only construction noises anticipated is related to machinery used to prepare the site for construction of the multipurpose trail and the hauling of the PCC to the site.
5. This project is located in the City of Costa Mesa which is in the Los Angeles South Coast Air Basin, and is therefore a NAAQS maintenance area.
6. This project falls under Bicycle and Pedestrian facilities and is therefore exempt.
7. The project is exempt based on question 6, conformity exemption is for bicycle and pedestrian facilities.
8. The project is exempt based on question #6 and does not require project level conformity.
9. A Section 106 Study was performed in April of 2007. This report was conducted for improvements at the north end of the park but included a detailed history of the subject area identified in the report as "CA-ORA-58." The findings indicate that the area has never been developed. The project area does not contain any hazardous materials or wastes within the limits according to the geotracker list and map of hazardous facilities and underground tanks.
10. Yes. Project is adjacent to the Santa Ana River, and includes soil disturbance. Therefore the potential to impact water resources exist. A technical memo will be prepared in accordance with the guidelines set forth in the SER, chapter 9, "Hydrology, Water Quality and Stormwater."
11. This project is not in any of the counties listed as having locations with Sole-Source Aquifers.
12. This project is located approximately 2 miles from the mean high tide line as defined in the state coastal zone boundaries definitions. It is therefore not within the State Coastal Zone. See Attachment 13 for the City of Newport Beach Coastal Zone map. Fairview Park is located in the very upper left corner of the map.

13. Yes. Approximately 400 feet of the trail at the very north west connection to the Santa Ana River is within Zone A of the Flood Plain Map (see attachment 2). This proposed trail is connecting to the existing bicycle trail within the flood plain.

Executive Order 11988 (Floodplain Management) directs all federal agencies to refrain from conducting, supporting, or allowing actions in floodplains unless it is the only practicable alternative. Federal financial assistance and/or issuance of a federal permit(s) required for a proposed state/local project constitute federal support and/or allowing actions. The Federal Highway Administration requirements for compliance are outlined in 23 CFR 650 Subpart A. In order to comply with 23 CFR 650 Subpart A and determine if an encroachment itself is “minimal,” or “significant,” the following must be analyzed:

- The Practicability of alternatives to any longitudinal encroachments
- Risks of the action (to life and property)
- Impacts to natural and beneficial floodplain values
- Support of incompatible floodplain development (inconsistencies with existing watershed and floodplain management programs.
- Measures to minimize floodplain impacts and to preserve/restore any beneficial floodplain values impacted by the project.

The project is to improve an existing recreational bicycle facility which lies longitudinally on the inside edge of a 100 yr floodplain. The improvements to the existing bicycle facility does not introduce any additional fill material to the floodplain or in any other fashion changes the current hydrology or storm flows of the floodplain. The project’s construction, nor long term operation/maintenance does not impact or influence storm water flows. The project does not cross any roadways, therefore no school bus, postal vehicles, law enforcement/fire/emergency vehicles, supply vehicles or any other motorized vehicle access/egress routes will be impacted. The natural and beneficial floodplain value will be enhanced by the recreational improvements the project provides. The project is in accordance with existing general plans and other floodplain management programs. The project does not create a new longitudinal encroachment, there is no risk to life and/or property, the floodplain’s natural and beneficial values are being improved, and the project does not support incompatible floodplain development. The project is the only practicable alternative, and the impacts to the floodplain are minimal. Therefore, a Location Hydraulic Study (LHS) is not required

14. According to the National and Scenic River list, this project is not located anywhere near a wild and scenic river. The Wild and Scenic Rivers.
<http://www.dot.ca.gov/ser/vol1/sec3/special/ch19wsrivers/chap19.htm#CWSRS>
<http://www.dot.ca.gov/ser/vol1/sec3/special/ch19wsrivers/chap19.htm#CWSRS>
15. The 2006 Biological Study by LSA identifies a list of plants and animal species of Special Interest. The Study also delineates the path of the existing trail as “Disturbed or Barren (Figure 2).” With the proposed footprint solely within the limits of the disturbed boundaries it is presumed there is no potential for impacts. A field check has determined that the proposed trail is within the footprint of the existing asphalt trail and no species or habitats exist within the limits of construction.
16. Proposed improvements involve the reconstruction within the alignment of existing non-paved trails protecting the existing vegetation. No migratory birds will be affected.
17. Yes. According to the National Wetland Inventory map, a “Freshwater Emergent Wetland” has been identified adjacent to the proposed trail south west of the existing parking lot and north east from the elementary School. According to the Orange County Hydrology Manual, the soil in Fairview Park is Class D and according to the USDA Soil Map, the soil is primarily Clay and Sandy Loam. (See Attachment 3 and Attachment 8)
18. No Agricultural Wetlands occur within or adjacent to the project site. Fairview Park is a city owned public park and all work is to be done within the park.
19. No. this project will not involve the construction of vegetation or landscaping activities that use known invasive plant species.

20. Yes. Project limits are within the City of Costa Mesa's Fairview Park. The proposed trail will be an independent walkway and bikeway construction project and therefore will follow the programmatic section 4(F) evaluation procedures. The project will temporarily impact recreational users along the trail.
21. Yes. Part of Fairview Park was built or improved using Land & Water Conservation Funds. See Attachment 5 - Page 52 Grant ID & Element "1595-XXXX" Type "D." The project will temporarily impact recreational users along the trail.
22. No. The Visual Impact Assessment determination score was 7, which means that there is no noticeable physical changes to the environment. See Attachment 6 for the Visual Impact Assessment.
23. No. Fairview Park is a city owned public park and all work is to be done within the park and will not require the relocation of residential or business property.
24. No. This project will not involve the acquisition of any right of way, or construction easements or utility relocations. This project and the work involved will all occur within Fairview Park, which is a city owned public park and all work is to be done within the park.
25. No. The project is not inconsistent with the Fairview Park Master Plan, approved in 1998 and revised in 2002.
26. No. this project improves bicycle facilities and closes a route gap, which improves transportation along the corridor. This in turn will have a positive effect on and not disrupt or divide the neighborhood and communities.
27. No. This project is within Fairview Park, and does not run through any "minority" or "low income" tracts.
28. No. The proposed improvements do not affect existing utilities
29. No. Construction will not affect any access to properties. There are no driveways or access points along Fairview Park that will be blocked during or after construction.
30. No. This project is well off the State Highway System. This project is approximately 2 miles north of Pacific Coast Highway.
31. No, All work for this project will occur on the limits of the existing multi-purpose trail and not require any detours or closures.
32. No, this project will not reduce available parking.
33. No. there are no Federal or State lands encroached upon. All work is within the City's Fairview Park.
34. No. Fairview Park is a city owned public park and all work is to be done within the park. All land surrounding the project is commercial and/or residential. No farmland is located within the vicinity. See Attachment 7 for the Farmland Map of Orange County and Attachment 4 for Land Use.
35. To be completed by Caltrans PQS.
36. No. There are no tribal lands within or adjacent to the project vicinity.

Distribution 1) Original - DLAE, 2) Local Agency Project Manager, 3) DLA Environmental Coordinator
4) Senior Environmental Planner (or designee), 5) District PQS

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