

- Regional map Project location map Project footprint map (existing/proposed right of way)
 Engineering drawings (existing and proposed cross sections), if available 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): <u>Safety, Air Quality</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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>Intersection Channelization</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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- 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"/> 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 checked="" type="checkbox"/> Noise <i>Check as applicable:</i> <input type="checkbox"/> Traffic Related <input checked="" 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 checked="" 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 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 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"/> 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 checked="" 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 type="checkbox"/> Biological Resources		
<i>Check as applicable:</i>		
<input type="checkbox"/> NES, Minimal Impact	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> NES		
<input type="checkbox"/> BA	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approves for Consultation
	<input type="checkbox"/> USFWS	<input type="checkbox"/> Section 7 Informal/Formal Consultation
	<input type="checkbox"/> NOAA Fisheries	
<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 type="checkbox"/> WD and Assessment	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
	<input type="checkbox"/> ACOE	<input type="checkbox"/> Wetland Verification
	<input type="checkbox"/> NRCS	<input type="checkbox"/> Agricultural Wetland Verification
	<input type="checkbox"/> Caltrans	<input 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 type="checkbox"/> Section 4(f)		
<i>Check as applicable:</i>		
	<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 type="checkbox"/> Programmatic 4(f) Evaluation Type: _____	<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 type="checkbox"/> Section 6(f)	<input type="checkbox"/> Agency with Jurisdiction <input type="checkbox"/> NPS <input type="checkbox"/> NPS	<input type="checkbox"/> Determines Consistency with Long-Term Management Plan <input 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 checked="" type="checkbox"/> Land Use and Community Impacts <i>Check one:</i> <input type="checkbox"/> CIA <input checked="" type="checkbox"/> Technical Memorandum <input type="checkbox"/> Discussion in ED Only	<input type="checkbox"/> Caltrans <input checked="" type="checkbox"/> Caltrans <input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval <input checked="" type="checkbox"/> Approval <input type="checkbox"/> Approval
<input checked="" type="checkbox"/> Construction/Encroachment on State Lands <i>Check as applicable:</i> <input type="checkbox"/> SLC Jurisdiction <input checked="" type="checkbox"/> Caltrans Jurisdiction <input type="checkbox"/> SP Jurisdiction	<input type="checkbox"/> SLC <input checked="" type="checkbox"/> Caltrans <input type="checkbox"/> SP	<input type="checkbox"/> SLC Lease <input checked="" 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 type="checkbox"/> Cultural Resources (PQS completes this section) <i>Check as applicable:</i>		
<input type="checkbox"/> APE Map	<input type="checkbox"/> Caltrans PQS <input checked="" type="checkbox"/> Caltrans PQS and DLAE	<input type="checkbox"/> Screened Undertaking <input checked="" type="checkbox"/> Approves APE Map
<input checked="" type="checkbox"/> HPSR <input checked="" type="checkbox"/> ASR <input checked="" type="checkbox"/> HRER	<input checked="" type="checkbox"/> Local Preservation Groups and/or Native American Tribes <input type="checkbox"/> Caltrans	<input checked="" type="checkbox"/> Provides Comments Regarding Concerns with Project <input checked="" type="checkbox"/> Approves for Consultation
<input type="checkbox"/> Finding of Effect Report	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Concur 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):

- ol. Section 23 USC 326
 - 23 CFR 771 activity (c) (4)
 - 23 CFR 771 activity (d) (X)
 - Activity _____ listed in the Section 23 USC 326
- Section 23 USC 327

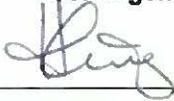
F. Public Availability and Public Hearing

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)

7/7/2017

(Date)

(805) 322-1678

(Telephone No.)

Hollie King, AICP, Stantec

(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)

7/7/2017

(Date)

(805) 517-6200

(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) 8/16/17 (Date) 213)897-4095 (Telephone No.)

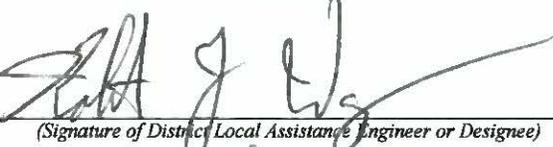
The following signatures are required for all CEs, routine and complex EAs, and EISs:

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) 08/16/17 (Date) 213-897-0665 (Telephone No.)

Mohammed Shaikh (Name)

 (Signature of District Local Assistance Engineer or Designee) 8-16-2017 (Date) 213-897-2945 (Telephone No.)

Robert Y. Wong (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. The proposed project will connect with existing facilities on Princeton Avenue and provide for standard vehicle lanes, Class 2 bicycle lanes, and a sidewalk. The goal of this project is to improve safety conditions for all users.
2. There is no public controversy associated with the project. The project will improve safety along Princeton Avenue and has been a long standing priority for the City. The project is also a part of the City's approved CIP.
3. The project will widen the existing roadway to provide standard travel lanes, 2-way left-turn lane, bike lanes, and a sidewalk. There are no substantial horizontal/vertical alignment changes and no additional through-traffic lanes.
4. Construction related noise will be managed by performing work during the day time working hours and monitored. The project does not involve excessive noise impacts from blasting, pile driving, or structure demolition.
5. The project is located in Ventura County, which is listed as an area subject to transportation conformity requirements in California.
6. No conformity determination is required. Safety and Air Quality, from Table 2, apply to the project.
7. Not applicable. The project is exempt from the conformity determination requirement.
8. Not applicable. The project is exempt from the conformity determination requirement.
9. The proposed project is to widen an existing roadway. There are no known hazards; such as USTs, disposals sites, etc.; within the project area.
10. There are no existing water resources within or immediately adjacent to the project.
11. The project is not within a designated Sole Source Aquifer.
12. The project is not within the State Coastal Zone, San Francisco Bay, or Suisun Marsh.
13. A short segment, at the western end, of the existing roadway and proposed improvements encroach into Special Flood Hazard Zone AE. This area was mapped per a LOMR, dated 6/13/2011.
14. The existing roadway and project is nowhere near a Wild and Scenic River System.
15. Caltrans district biologist to prepare a finding of "No Effect" for the project file. All construction will occur outside of breeding and nesting season to mitigate any potential impacts to birds.
16. No further study is required.
17. No further study is required. Refer to National Wetlands Inventory map. The soil classification is brown silty sand SM: Alluvium (Qal), Fill (af).
18. No further study required. The proposed project is to widen an existing roadway to enhance safety for all users. Existing surrounding land uses include residential, rural residential, industrial, commercial, and undeveloped lands.
19. No further action regarding invasive plants is needed. The project will not involve construction, revegetation or landscaping activities that use invasive plant species.

20. No further study is needed. Existing surrounding land uses include residential, rural residential, industrial, commercial, and undeveloped lands.
21. No further study is needed. Existing surrounding land uses include residential, rural residential, industrial, commercial, and undeveloped lands.
22. No further analysis is required. Refer to attached questionnaire to determine visual impact assessment level and technical memorandum.
23. No further study is needed.
24. Right-of-way acquisition and temporary construction easements are a part of this project. The City has acquired all necessary right-of-way and easements to complete the project.
25. No further study is needed. The project is identified on the City's Capital Improvement Program and a separate MND was adopted by Council Resolution. The project has been a safety priority for the City.
26. No further study is needed. The project is identified on the City's Capital Improvement Program and a separate MND was adopted by Council Resolution. The project has been a safety priority for the City.
27. No further study is needed. The proposed project is to widen an existing roadway to enhance safety for all users, for all incomes, and for all populations.
28. The existing roadway contains public utilities. During construction, utility covers and manholes will need to be adjusted to the new finish grades. Also, an existing gas line may need to be relocated.
29. The existing roadway has driveway approaches to private property. The proposed project will impact those driveways that are already existing.
30. No further study is needed. There are no access control issues to the SHS from the existing roadway nor from the proposed project.
31. No further study is needed.
32. The existing roadway, within the project limits, does not allow on-street parking. The proposed project will not impact any existing parking spaces.
33. A segment of Princeton Avenue enters State right-of-way. SR-118 overcrossing is approximately 70' above Princeton Avenue.
34. No further study required. The proposed project is to widen an existing roadway to enhance safety for all users. Existing surrounding land uses include residential, rural residential, industrial, commercial, and undeveloped lands.
35. Caltrans PQS to determine.
36. No further coordination is needed.

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

Updated: 05/15/08

Continuation of Detailed Project Description:Princeton Avenue Widening and Street Improvement Project, City of Moorpark, CA

The Princeton Avenue road widening project includes approximately one (1) mile of roadway widening and improvements, including sidewalks and bicycle lanes.

LOCATION:

- The project is located east of Spring Road along Princeton Avenue, directly below, but not within, State Highway 23/118 continuing east to Avenida Colonia in Moorpark, CA.
- The project limits are from the terminus of Princeton Avenue and Spring Road (34°17'07" N, 118°52'28" W) and the intersection of Princeton Avenue and Avenida Colonia (34°17'14" N, 118°51'44" W).
- The entirety of the project limits is represented in USGS Quadrant Map "Simi Valley West, CA"
- Project originally called "East Los Angeles Avenue Widening" - now known as "Princeton Avenue Widening and Improvements Project" - same limits

SCOPE OF WORK:

1. Improvements include:
 - a. New 8-foot sidewalks on the south side of Princeton Avenue.
 - b. New 8-foot bicycle lanes on the north and south side of Princeton Avenue
 - c. Improved roadway for Princeton Avenue that will include a 12-foot east-bound lane, a center turn lane of 14-feet wide, and a 12-foot west-bound lane.
2. There will be no trees of special significance removed for this project. The only vegetation removed will be ornamental and/or insignificant.
3. If construction occurs during nesting season, trees will be evaluated prior to removal for any possible nesting birds present.

Engineering (Description quantities are approximate.):

4. Spread footing masonry retaining walls will be constructed along both the north and south sides of the roadway ranging from 3 feet to 17 feet. Some portions of retaining wall will also have an additional 6-foot screen wall.
5. Striping and signage of new of roadway improvements.
6. Storm drain improvements include 1,300 feet of reinforced concrete pipe ranging from 18 inches in diameter to 42 inches diameter and approximately 33 feet of 48-inch corrugated metal pipe. Other storm drain improvements include two (2) storm drain manholes, two (2) junction structures, one (1) transition structure, and four (4) 36x36 inch drop inlet structures with traffic rated grates.
7. Due to the steep terrain north of Princeton Avenue, 365 feet of concrete interceptor drain will be used to manage runoff from the hillside along with 2,700 feet of wall gutters behind the retaining walls, and three (3) riprap outfall aprons.
8. The existing potable water line will be removed and disposed of. Potable water improvements within the project limits include 3,300 feet of 8-inch PVC water pipe and 23 reconnections to existing services.
9. Three (3) new fire hydrants are proposed.
10. For grading operations, there is estimated to be 12,600 cubic yards of fill utilizing onsite materials. Some of the fill will be placed on slopes along the southern side of the road, while the rest of the fill will be used to create a new 200-foot commercial driveway access road to a private property owner (Standard Ready Mix).
11. There will be 8,200 cubic yards of soil remaining for export from the project - route and location TBD.
12. Street improvements include 3,400 feet of sidewalk along the southern side of the roadway and 4,100 feet of curb and gutter.
13. There will be 12 new driveway aprons proposed in the right-of-way to allow access to private properties within the project limits. There will be three (3) new curb ramps.
14. Most of the new roadway will be a seven inch (7") AC over 17-inch CMB base pavement section while the extents of the project will receive a 1.5-inch grind and rubberized AC overlay.

15. Since the project is a road widening, there are numerous existing facilities that will either be relocated or adjusted to grade. The most prominent includes relocation of 1,150 feet of existing gas main, and 1,350 feet of electrical conduits.

ENVIRONMENTAL:

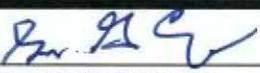
- Mitigated Negative Declaration prepared in 1999 by the City of Moorpark (included)
- SCH 1999021099 (CA State Clearinghouse)

EXHIBIT 7-B FIELD REVIEW FORM

Please complete information required in the shaded boxes

Local Agency	City of Moorpark		Field Review Date		
Project Number	HSIPL-5436(018)		Locator (Dst/Co/Rte/PM/Agncy)		07-VEN-Moorpark
Project Name	Princeton Avenue Widening and Street Improvements		Bridge No.(s)		N/A
1. PROJECT LIMITS (see attached list for various locations)					
Princeton Avenue, between east of Spring Road and to the south of Condor Drive					
Net Length (miles)		0.75			
2. WORK DESCRIPTION					
Widen existing road for Class II bikeways in both directions; construct curb and gutter ; install two-way left-turn lane, signs, stripes, and pavement markings; construct retaining walls					
ITS project or ITS element		Yes	No	<input checked="" type="checkbox"/>	
If yes, choose: High-Risk (formerly "Major") ITS			Low-Risk (formerly "Minor") ITS		Exempt ITS
3. PROGRAMMING DATA		FTIP (MPO/RTPA)		FY	Page
Amendment No		FTIP PPNO		FHWA/FTA Approval Date	
Federal Funds (\$)		900,000	Phases	PE	R/W
Air Basin: (CMAQ only)					
4. FUNCTIONAL CLASSIFICATION					
<u>On the Federal-aid System</u>			<u>Off the Federal-aid System</u>		
	Principal Arterial – Freeway or Expressway		Rural Minor Collector		
<input checked="" type="checkbox"/>	Other Principal Arterial		Local		
	Minor Arterial				
	Major Collector				
	Urban Minor Collector				
5. STEWARDSHIP CATEGORY					
High Profile (Stewardship)		Yes	No	<input checked="" type="checkbox"/>	
Delegated (Stewardship)		Yes	No	<input checked="" type="checkbox"/>	
(a) DLAE Oversight				Yes	No
(b) District Construction				Yes	No
6. CALTRANS ENCROACHMENT PERMIT		Is it required?		Yes	No

7. COST ESTIMATE BREAKDOWN						Federal Participation	
(Including Structures)		(\$1,000'S)					
PE	Environmental Process			Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
	Design			Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
	ITS System Manager or Integrator			Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
CONST	Const. Contract	6,220		Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Const. Engineering	933		Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
R/W	Preliminary R/W Work			Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
	Acquisition			Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
	No. of Parcels			Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
	Easements			Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
	Right of Entry			Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
	RAP (No. Families)			Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
	RAP (No. Bus)			Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
	Utilities (Exclude if included in contract items)			Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
TOTAL COST		7,153					
7a. Value Engineering Analysis Required?				Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
(Yes, if total project costs are \$50M or more on the NHS, or \$40M or more for bridges on the NHS)							
8. PROPOSED FUNDING		Total Cost		Cost Share			
Grand Total		\$ 7,152,623					
Federal Program (Name/App Code)	#1	HSIP	\$ 7,152,623	Fed	\$ 900,000	Reimb Ratio	12.6%
	#2		\$	Fed	\$	Reimb Ratio	
Matching Funds Breakdown				Local \$	6,046,300	84.5	%
				State \$	206,323	2.9	%
				Other \$			%
State Highway Funds?	Yes	<input type="checkbox"/>	Source			No	<input checked="" type="checkbox"/>
State CMAQ/RSTP Match Eligible?	Yes	<input type="checkbox"/>	Yes	No	<input checked="" type="checkbox"/>	Partial	<input type="checkbox"/>
Is the Project Underfunded? Fed \$ < Allowed Reimbursement Rate.				Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
9. PROJECT ADMINISTRATION							
		Agency		Consultant		State	
PE	Environ Process		Moorpark				
	Design		Moorpark		Stantec		
	System Manager/Integrator		N/A				
R/W	All Work		Moorpark				
CONST ENGR	Contract		Moorpark		To be determined		
CONSTRUCTION	Contract		Moorpark		To be determined		
MAINTENANCE			Moorpark				
Will Caltrans be requested to review PS&E?				Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
10. SCHEDULES		Proposed Advertisement Date		07/01/2018			
Other Critical Dates							

11. PROJECT MANAGER'S CONCURRENCE			
Local Entity Representative	Sean Corrigan, P.E.	Date	7 JUL 17
Signature		Phone	(805)517-6285
Title	City Engineer/Public Works Director		
Is Field Review required?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Caltrans (District) Representative (if attended Field Review)		Date	
Signature		Phone	
Title			
FHWA Representative Title		Date	
Signature		Phone	
Title			

12. LIST OF ATTACHMENTS (Including all appropriate attachments if field review is required. See the "[]" Notation for minimum required attachments for non-NHS projects.)

<input checked="" type="checkbox"/>	Field Review Attendance Roster or Caltrans Roster
<input checked="" type="checkbox"/>	Vicinity Map (Required for Construction Type Projects)
IF APPLICABLE (Complete as required depending on type of work involved)	
<input checked="" type="checkbox"/>	Roadway Data Sheets [Req'd for Roadway projects]
<input checked="" type="checkbox"/>	Typical Roadway Geometric Section(s) [Req'd for Roadway projects]
<input type="checkbox"/>	Major Structure Data Sheet [Req'd for HBP] <input type="checkbox"/> Signal Diagram
<input type="checkbox"/>	Railroad Grade Crossing Data Sheet <input type="checkbox"/> Collision Diagram
<input type="checkbox"/>	Sketch of Each Proposed Alternate Improvement <input type="checkbox"/> CMAQ/RSTP State STIP Match
<input type="checkbox"/>	Existing Federal, State and Local ADA deficiencies not included on other Attachments
<input type="checkbox"/>	System Engineering Review Form (SERF) Req'd for High-Risk (formerly "Major") and Low-Risk (formerly "Minor") ITS projects

13. DLAE FIELD REVIEW NOTES

A. MINUTES OF FIELD REVIEWS (See Attachment)

B. ISSUES OR UNUSUAL ASPECTS OF PROJECT (See Attachment)

Distribution: Original with attachments – Local Agency
Copy with attachments (2 copies if HBP) – DLAE

ROADWAY DATA

1. TRAFFIC DATA

Current ADT 13,000 Year 20 09 Future ADT _____ Year 20____ DHV ____ Trucks __%
 Terrain (Check One) Flat _____ Rolling _____ Mountainous _____
 Design Speed 40 mph
 Proposed Speed Zone _____ Yes _____ mph 40 mph _____ No

2. GEOMETRIC INFORMATION

ROADWAY SECTION

Facility	Year Constr.	Min. Curve Radius	Thru Traffic Lanes			Shoulders		Median Width
			No. of Lanes	Total Width	Type	Each Width Lt/Rt	Type	
Exist.			2	26'	Travel Lanes	6'/6'	Unpaved/dirt	No median
Prop.	2017		2	38'	Travel Lanes	10'/8'	Paved	14'
Min. Stds. selected:								
AASHTO _____								
3R _____								
Local _____								
	N/E Contig. Sect.							
	S/W Contig. Sect.							

Remarks (If design standard exception is being sought, cite standard and explain fully how it varies):

3. DEFICIENCIES OF EXISTING FACILITY (Mark appropriate one(s))

- Pavement Surface _____ Drainage _____
- _____ Alignment _____ Bridge _____
- _____ Crossfall _____ Safety (Attach collision diagram or other documentation)
- Pavement Structure _____ Federal Americans w/ Disabilities Act (ADA), State or Local accessibility requirements
- _____ Other (describe below)

Remarks _____

4. TRAFFIC SIGNALS _____ Yes _____ New (attach warrants) _____ Modified _____ No

5. MAJOR STRUCTURES Structure No.(s) _____ (attach structure data sheet)

6. OTHER TRANSPORTATION FACILITIES (Name)

- None
- _____ Railroad _____ (attach railroad data sheet)
- _____ Airports _____ (attach airport data sheet)
- _____ Transit _____
- _____ Bicycle _____

FIELD REVIEW ATTENDANCE ROSTER

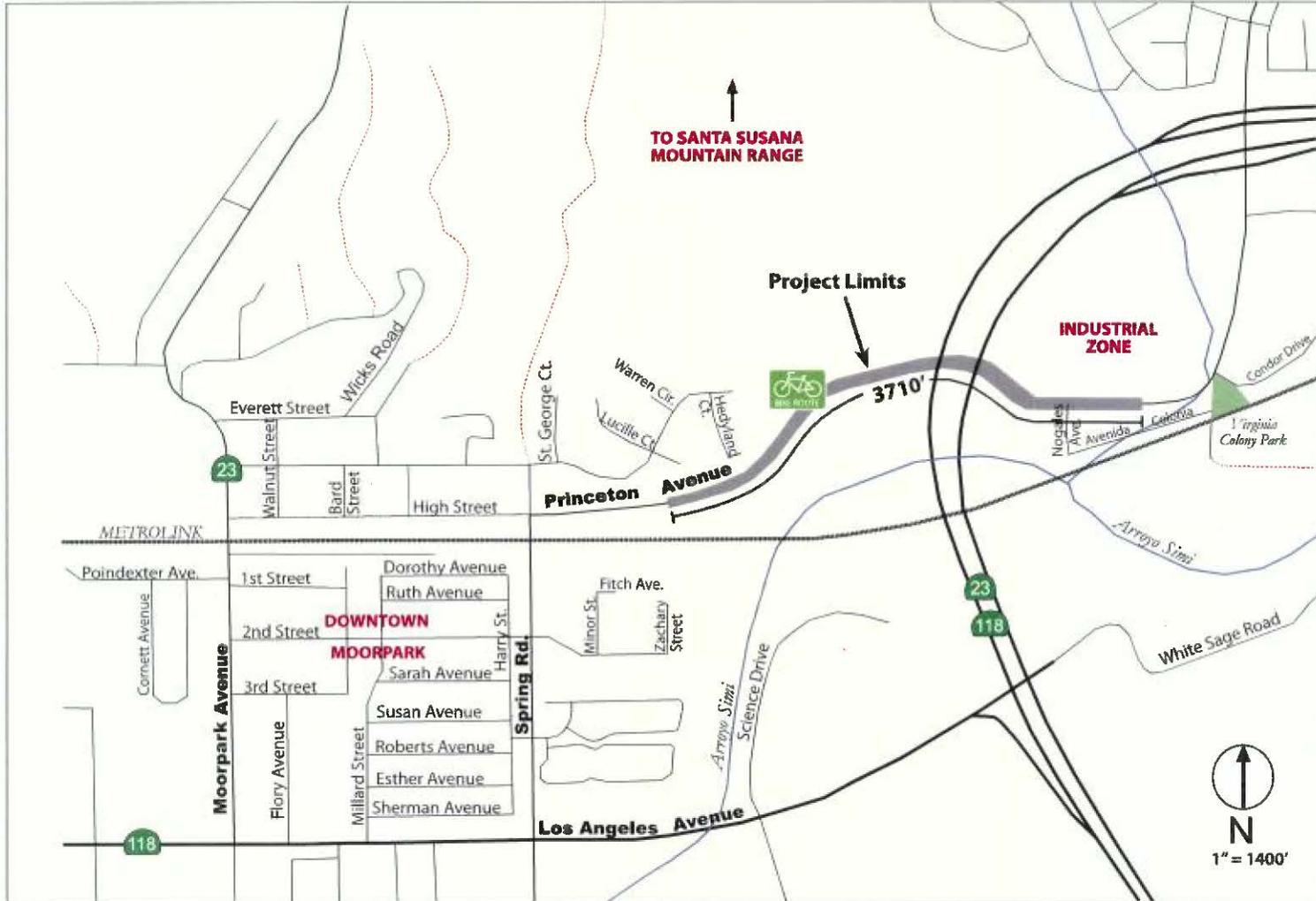
Date To be determined Project No./Name HSIPL-5436(018)

Project Location Princeton Avenue, between east of Spring Road & south of Condor Drive

Name Daniel Kim City of Moorpark, (805)517-6255
(Please Print) (Organization) (Phone Number)

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. _____
- 10. _____
- 11. _____
- 12. _____
- 13. _____
- 14. _____
- 15. _____
- 16. _____
- 17. _____
- 18. _____
- 19. _____
- 20. _____

Vicinity Map
PRINCETON AVENUE ROADWAY IMPROVEMENTS



LEGEND

-  Roadway Widening with
-  New Class II Bike Lane (3,710 linear feet)

