

Request Programming in 2016 SHOPP

PROJECT LOCATION:

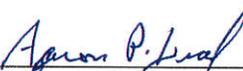
In Santa Cruz and Monterey Counties from 0.3 miles South of Salinas Road OC to 0.4 miles North of Larkin Valley Road UC.

APPROVAL RECOMMENDED:



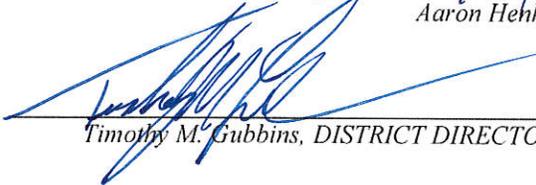
Dennis Reeves, DISTRICT PROGRAM MANAGER

APPROVAL RECOMMENDED:



Aaron Henkel, PROJECT MANAGER

APPROVED:



Timothy M. Gubbins, DISTRICT DIRECTOR

4/8/15

DATE

This Project Initiation Document has been prepared under the direction of the following licensed landscape architect. The licensed landscape architect attests to the technical information contained herein and the data upon which recommendations, conclusions, and decisions are based.



Dennis Reeves, LICENSED LANDSCAPE ARCHITECT



Initiating Office/Initiator:

The Program Manager for the Roadside Safety Improvement Program has established that this project meets the qualification for the 201.235 Roadside Safety Improvements Program.

This project initiation document provides conceptual approval of the proposal and a recommendation to program the project into the current State Highway Operation and Protection Program. A project report will serve as final approval of the proposal.

Purpose and Need:

Purpose:

The roadsides of these routes have not been updated for many years and the Department has placed greater emphasis on maintenance worker safety and roadside maintainability. This project will help correct these problems and provide a safer work environment for maintenance personnel.

Need:

Identified areas within the project limits frequently expose maintenance workers to high speed traffic. The maintenance exposure to traffic will be reduced by correcting the identified deficiencies. Some areas of concern are paving beyond the gore, roadside facilities locations, and access gates. Other needs include safety delineation, drainage problems, and need for maintenance vehicle pullouts.

Deficiency Summary:

Deficiency corrections include adding maintenance vehicle pullouts and access gates, adding paving beyond the gores, and applying erosion control. Other corrections for deficiencies include relocating and clustering existing irrigation equipment away from the traveled way and adjusting guardrail at various locations to provide a safer work environment for maintenance personnel, as well as the travelling public.

Project Proposal:

This project will improve safety at 75 locations for maintenance workers and the traveling public. The project will modify or relocate roadside facilities and improve safe access to reduce the need for maintenance workers and vehicles to be on the roadside, and to reduce life cycle cost. The project proposes to relocate and cluster existing roadside facilities to safer work locations away from the traveled way, add maintenance

vehicle pullouts and access gates. The project will also apply paving beyond the gores, provide safety delineation, and improve drainage.

R/W: All work will be conducted within the State Right of Way. At this point no utilities are expected to be relocated however any location that has Right of Way or utility relocation issues would be further evaluated by the PDT for possible exclusion from the project scope. A Right of Way Data Sheet was completed on January 26, 2015.

Hazardous Waste: No hazardous waste impacts are expected with this project.

Stormwater: A storm water data report has been developed and will be updated at each milestone of the project.

Environmental: A Micro-Preliminary Environmental Analysis Report was completed for this project on March 24, 2015. Preliminary review of the CNDDDB and wildlife connectivity map shows the following locations within the project area have the highest rating for wildlife connectivity: post mile SCr-1-PM: 3.3-3.5 and SCr-1-PM: 4.7-5.8. The assumption for this project is that in the event any environmental resources or concerns are discovered at one or more of the identified 75 locations, the proposed location(s) would be further evaluated by the PDT for possible exclusion from the project scope.

FUNDING/PROGRAMMING

It has been determined that this project is eligible for federal-aid funding.

Capital Outlay Support and Project Estimates

Fund Source	Fiscal Year Estimate				
20.XX.201.235	2016/17	2017/18	2018/19	2019/20	Total
Component	In thousands of dollars (\$1,000)				
PA&ED Support	652	0	0	0	652
PS&E Support	0	1,097	0	0	1,097
Right-of-Way Support	49	0	0	0	49
Construction Support	0	0	0	1,225	1,225
Right-of-Way	0	0	0	0	0
Construction	0	0	0	2,765	2,765
Total	701	1,097	0	3,990	5,788

*Programming in the 2016 SHOPP 201.235. Support costs escalated 4% per year.
 Capital Escalated 5% per year.*

The support/capital cost ratio is 109%.

SCHEDULE

Project Milestones	Scheduled Delivery Date (Month/Day/Year)
PROGRAM PROJECT	M015 July 2, 2016
PA & ED	M200 January 1, 2018
PROJECT PS&E	M377 March 28, 2019
RIGHT OF WAY CERTIFICATION	M410 March 28, 2019
READY TO LIST	M460 August 9, 2019
ADVERTISE	M480 December 5, 2019
AWARD	M495 February 11, 2020
APPROVE CONTRACT	M500 April 6, 2020
CONTRACT ACCEPTANCE	M600 August 21, 2020
END PROJECT	M800 June 18, 2021

Cost Estimate:

<u>Access Work</u>	<u>Yes/No</u>	<u>Quantity (unit)</u>	<u>Cost</u>
(A) Access Gates - Personnel	_____	_____	_____
(B) Access Gates - Equipment	Yes	2 (ea)	\$6,000
(C) Light Duty Access Trails	_____	_____	_____
(a) All Weather Surface	_____	_____	_____
(b) Graded Surface	_____	_____	_____
(#) _____	_____	_____	_____
(D) Shoulder Widening/Turnouts	_____	_____	_____
(a) Paved Surface	_____	_____	_____
(b) All Weather Surface	_____	_____	_____
(c) Graded Surface	_____	_____	_____
(d) Shoulder Backing	Yes	10,000(sf)	\$20,000
(E) Staircases	_____	_____	_____
(F) Maintenance Vehicle Pullout	_____	_____	_____
(a) Large Standard-Equip.	Yes	2 (ea)	\$40,000
(b) Standard	Yes	7 (ea)	\$100,000
(G) Chain Link Fence (Type CL-6)	Yes	100 (lf)	\$6,000
COSTS SUBTOTAL			\$172,000

<u>Vegetation Control Work</u>	<u>Yes/No</u>	<u>Quantity (unit)</u>	<u>Cost</u>
(A) Vegetation control under Metal Beam Guard Rail	_____	_____	_____
(B) Vegetation control under Thrie Beam Barrier	_____	_____	_____
(C) Vegetation control around sign posts	_____	_____	_____
(D) Paving narrow areas	_____	_____	_____
(E) Paving areas beyond the gore	Yes	84,000 (sf)	\$725,000
(F) Vegetation control Slope Paving	_____	_____	_____
(G) Tree removal	_____	_____	_____
(H) Mulch	_____	_____	_____
(I) Erosion Control	Yes	1(ls)	\$80,000
(J) Prune Existing Plant Material	_____	_____	_____
(F) Weed Control Planting	_____	_____	_____
COST SUBTOTALS			\$805,000

<u>Facility Relocation Work</u>	<u>Yes/No</u>	<u>Quantity</u> <u>(unit)</u>	<u>Cost</u>
(A) Traffic Rated Pull boxes-place	Yes	50	\$25,000
(B) Pole mounted Elec. Service-relocate	Yes	1(ea.)	\$75,000
(C) 480V. to 240V. Elec.-replace	Yes	1(ea.)	\$50,000
(D) Electrical cabinet-relocate	Yes	1(ea.)	\$10,000
(E) Traffic control boxes	_____	_____	_____
(F) Irrigation control boxes	_____	_____	_____
(G) Irrigation equipment	_____	_____	_____
COST SUBTOTALS			\$160,000

<u>Additional Work</u>	<u>Yes/No</u>	<u>Quantity</u> <u>(unit)</u>	<u>Cost</u>
(A) Traffic Control	Yes	1 (ls)	\$200,000
(B) Earthwork	_____	_____	_____
(C) Striping	Yes	1(ls)	\$5,000
(D) Clearing and Grubbing	Yes	1(ls)	\$70,000
(E) Roadside clearing	Yes	1(ls)	\$70,000
(F) Plant Establishment - 6 months	_____	_____	_____
(G) Drainage adjustment and rehab.	Yes	1(ea)	\$30,000
(H) Guardrail (include remove and replace)	_____	_____	_____
(a) Metal Beam-Remove	Yes	2(ea)	\$3,000
(b) Metal Beam-Place	_____	_____	_____
(c) Concrete-Place	Yes	2(ea.)	\$30,000
(I) Install New OH Lighting	_____	_____	_____
(J) New OH Sign Electrical Cabinets	_____	_____	_____
(K) Utility Relocation	_____	_____	_____
(L) Railroad Agreements	_____	_____	_____
(M) Environmental Mitigation	_____	_____	_____
(N) Relocation of Materials	_____	_____	_____
(O) Supplemental Items	Yes	1(ls)	\$100,000
(P) Water pollution control	Yes	1 (ls)	\$80,000
(Q) ADL Testing and Compliance	Yes	1 (ls)	\$10,000
(R) Resident Engineers Office	Yes	1 (ls)	\$70,000
COST SUBTOTALS			\$668,000

SUM OF SUBTOTALS	\$1,805,000
20% Contingency	\$361,000
TOTAL CONSTRUCTION COST	\$2,166,000

05-MON-1-T100.7/R102.3
05-SCR-1-0.0/R8.1
05-1C980-0513000021-2452
20.xx.201.235
March, 2015

Attachments:

SEE ATTACHMENT A

SHOPP Performance Output Worksheet

SHOPP Project Performance Output

Update Date: 3/23/2015		Source		Program	Fiscal	RTL	Programming Information (\$1,000)		
District - County - Rte -PM		EA	PPNO	Code	Year	Date	R/W S0	Construction \$2,765	Support \$3,023
05-Mon-1-T100.7/R102.3									
05-SCr-1-R0.0/R7.5		1C980	2452	201.235	2020	8/9/2019	Project Manager : Aaron Henkel		
Location: Near Watsonville from Salinas Rd to Larkin Valley Rd.							HQ Program Manager: Keith Robinson		
Project Discription: Roadside Safety and Maintenance Worker Safety									
PROGRAM	ACCT. CODE 20.XX.	Quantity of Performance Output					CCA	After Constr uction	PERFORMANCE units
		Ten Year Plan	PID		PA&ED	RTL			
Approval Date		2013	Mar-15	Output					
Construction Cost (\$1,000)		\$1,290	\$2,765	Cost					
Right of Way Cost (\$1,000)		\$0	\$0	(\$1,000)					
Support Cost Cost (\$1,000)		\$428	\$3,023						
EMERGENCY RESPONSE									
Major Damage Restoration	201.130								Locations
Permanent Restoration	201.131								Locations
COLLISION REDUCTION									
Safety Improvements	201.010								Collision Reduce
Collision Severity Reduction	201.015								Collision Reduce
Median Barrier Upgrade	201.020								Centerline Miles
MANDATES									
Relinquishments	201.160								Lane Miles
Noise Attenuation for Schools	201.270								Locations
Railroad	201.325								Locations
Hazardous Waste Mitigation	201.330								Locations
Storm Water	201.335								Acres Treated / Pollutant
ADA Compliance	201.361								Curb Ramps
SHOPP TEA	201.736								Locations
BRIDGE PRESERVATION									
Bridge Rehabilitation	201.110								Bridges
Bridge Scour Mitigation	201.111								Bridges
Bridge Rail Replacement/Upgrade	201.112								Linear Feet
Bridge Seismic Restoration	201.113								Bridges
Bridge Widening	201.114								Bridges
Trans Permit Requirements for Bridges	201.322								Bridges
ROADWAY PRESERVATION									
Roadway Rehabilitation (3R)	201.120								Lane Miles
Pavement Preservation (CAPM)	201.121								Lane Miles
Pavement Rehabilitation (2R)	201.122								Lane Miles
Long-Life Pavement Corridors (4R)	201.125								Lane Miles
Roadway Protective Betterment	201.150								Locations
Drainage System Restoration	201.151								Culverts
Signs and Lighting Rehabilitation	201.170								Signs Light Fixtures
MOBILITY									
Operational Improvements	201.310								Daily Vehicle Hours of delay
Transportation Management Systems	201.315								Field Elements
Truck Inspection & WIM Facilities	201.321								Miles of fiber Locations
ROADSIDE PRESERVATION									
Highway Planting Rehabilitation	201.210								Acres
Roadside Safety Improvements	201.235	32	75	\$36,867					Locations
Roadside Protection and Restoration	201.240								Locations
Safety Roadside Rest Area Rehabilitation	201.250								Locations
New Safety Roadside Rest Areas	201.260								Locations
FACILITIES									
Equipment Facilities	201.351								Locations
Maintenance Facilities	201.352								Locations
Office Buildings	201.353								Locations
Materials Lab	201.354								Locations
Additional Performance Units									
Paved Shoulders									

Central Region Environmental Division Mitigation Compliance Cost Estimate (MCCE)

This MCCE is for: **PEAR**

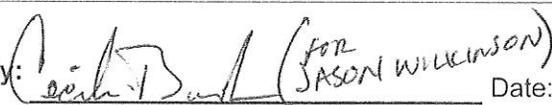
Dist - Co - Rte - PM: <u>05-VAR-001-T0/R0</u>		EA: <u>05-1C980</u>
Project Name: <u>Mon Scr Roadside Safety</u>		Alternative #: _____
Project Description: <u>ROADSIDE SAFETY IMPROVEMENTS</u>		
Env. Senior: <u>Jason Wilkinson</u>	Phone Number: <u>805-542-4663</u>	
Project Manager: <u>HENKEL, AARON P</u>	Phone Number: <u>(805) 549-3437</u>	
MCCE Prepared By: <u>Yvonne Hoffmann</u>	Date: <u>4/24/2015</u>	Phone Number: <u>805-542-4759</u>

	Right of Way Capital (Prior to Construction 050-\$'s)	Construction Capital (During FY \$\$ & Post Construction 042-\$'s) Needed
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Archaeological		
Architectural History		
Paleontology		
Hazardous Waste		\$2,000 16/17
Air Emissions		
Biological	Acres Dollars FY \$\$ Needed	
Mitigation parcels (acre/dollars)	/	
Mitigation/Bank Credits (acre/dollars)	/	
Monitoring		\$0
Permit Fees		
CDFW Document Filing Fee		\$0
NOI/NOT		
NOI/NOT		
ADL disposal costs: \$200/cy (~2000 cy)		\$400,000 16/17
Other		
TOTAL	\$0	\$402,000

Comments

Based on the current understanding from the Project Engineer, any problematic locations will be dropped from the project. Therefore, permit fees and monitoring are not anticipated in 050.

Approved By:  (for JASON WILKINSON) Date: 3/24/15
 Environmental Branch Chief

If mitigation totals more than \$1,000,000: _____ Date: _____
 Environmental Office Chief

If Right of Way Capital (050) is needed: _____ Date: _____
 Right-of-Way Office Chief, Mitigation

Attachment A: PEAR Environmental Studies Checklist

Rev. 11/08

Environmental Studies for PA&ED Checklist					
	Not anticipated	Memo to file	Report required	Risk* L M H	Comments
Land Use	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L	
Growth	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L	
Farmlands/Timberlands	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L	
Community Impacts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L	
Community Character and Cohesion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L	
Relocations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L	
Environmental Justice	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L	
Utilities/Emergency Services	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L	
Visual/Aesthetics	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	L	
Cultural Resources:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L	
Archaeological Survey Report	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L	
Historic Resources Evaluation Report	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L	
Historic Property Survey Report	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L	
Historic Resource Compliance Report	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L	
Section 106 / PRC 5024 & 5024.5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L	
Native American Coordination	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L	
Finding of Effect	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L	
Data Recovery Plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L	
Memorandum of Agreement	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L	
Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L	
Hydrology and Floodplain	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	L	
Water Quality and Stormwater Runoff	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	L	
Geology, Soils, Seismic and Topography	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	L	
Paleontology	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L	
PER	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L	
PMP	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L	
Hazardous Waste/Materials:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L	
ISA (Additional)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	L	ADL must be tested for
PSI	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	L	
Other:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L	
Air Quality	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	L	
Noise and Vibration	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	L	
Energy and Climate Change	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L	
Biological Environment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L	
Natural Environment Study	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	L	Anticipate a NES Minimal Impact
Section 7:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L	Not anticipated if potential habitat areas are avoided.
Formal	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L	"
Informal	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	L	"
No effect	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L	
Section 10	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L	
USFWS Consultation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L	

Environmental Studies for PA&ED Checklist

	Not anticipated	Memo to file	Report required	Risk*	Comments
				L M H	
NMFS Consultation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>L</u>	
Species of Concern (CNPS, USFS, BLM, S, F)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>L</u>	Surveys must be conducted.
Wetlands & Other Waters/Delineation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>L</u>	Include information in the NES MI
404(b)(1) Alternatives Analysis	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>L</u>	
Invasive Species	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>L</u>	
Wild & Scenic River Consistency	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>L</u>	
Coastal Management Plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>L</u>	
HMMP	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>L</u>	
DFG Consistency Determination	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>L</u>	
2081	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>L</u>	
Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>L</u>	
Cumulative Impacts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>L</u>	
Context Sensitive Solutions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>L</u>	
Section 4(f) Evaluation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>L</u>	
Permits:					
401 Certification Coordination	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>L</u>	
404 Permit Coordination, IP, NWP, or LOP	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>L</u>	
1602 Agreement Coordination	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>L</u>	
Local Coastal Development Permit Coordination	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>L</u>	Anticipate exclusion from CDP, but letter must be submitted to SCr and MON County
State Coastal Development Permit Coordination	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>L</u>	
NPDES Coordination	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>L</u>	
US Coast Guard (Section 10)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>L</u>	
TRPA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>L</u>	
BCDC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>L</u>	



Micro-Preliminary Environmental Analysis Report

Project Information

District 05	County MON/SCr	Route 01	PM MON T100.7/R102.0 SCr 0.0/R8.1	EA 05-1C980
Project Title: <i>Brief descriptive phrase, e.g., CAPM, Curve Re-alignment, Passing Lane, etc.</i> Monterey/Santa Cruz Roadside Safety Project				
Project Manager Aaron Henkel			Phone # 805 549-3437	
Project Engineer Kristen Langager			Phone # 805 549-3311	
Environmental Office Chief/Manager Jason Wilkinson			Phone # 805 542-4663	
PEAR Preparer Yvonne Hoffmann			Phone # 805 542-4759	

Project Description

Description of work

This project will improve safety for maintenance workers and the traveling public by modifying or relocating roadside facilities at 75 locations along Route 1 with the goal of improving safe access. Relocating and clustering existing roadside facilities to safer work locations away from the traveled way reduces the need for maintenance workers and vehicles to be on the roadside. The project will include adding maintenance vehicle pullouts and access gates; applying pavement beyond the gores; providing safety delineation; and improving drainage facilities.

The specific locations are shown on the 13 separate map sheets that correlate with the Roadside Inventory spreadsheet (contained in the physical and electronic files). The project team acknowledges there are many biological resources along the Route 1 corridor within the counties of Monterey and Santa Cruz. It was determined that in the event important resources cannot be avoided, locations will be dropped.

Purpose

The purpose of the project is to correct problems with the existing roadsides and provide a safer work environment for maintenance personnel and the traveling public. The exposure to traffic by maintenance workers will be reduced by adding vehicle pullouts, fixing guardrail, improving gate access, clustering irrigation equipment and placing it away from the traveled way.

Need

Identified areas within the project limits frequently expose maintenance workers to high speed traffic. Existing irrigation equipment is scattered and some can be found close to the traveled way. Gate access is lacking in certain areas along with deteriorating guardrail that might need upgrading in various locations.

Summary Statement (this statement will go directly into the PSR or PSSR)

A Categorical Exemption under CEQA and a Categorical Exclusion under NEPA are anticipated for this project.

This environmental document level was scoped as a Micro-PEAR based upon a *preliminary* review of the potential resources within the project limits. Field studies were not conducted and technical studies have been deferred to the 0 Phase. Potential disposal, staging, and borrow sites will need to be identified in the PA&ED phase.

The CE/CE determination is based on the following assumptions and risks:

- It is assumed if during formal studies it is determined that the project has the potential to impact environmental resources at any of the 75 identified locations, these location(s) will be dropped from the project.
- Preliminary review of the CNDDDB and wildlife connectivity map show the following locations within the project area have the highest rating for wildlife connectivity: post mile SCr-1-PM: 3.3-3.5 and SCr-1-PM: 4.7-5.8. These areas are adjacent to habitat for multiple sensitive species and it is assumed they will be dropped from the project. It is also assumed that any drainage improvements will be dropped if there are any concerns.
- It is assumed that any location where biological resources exist will be dropped to avoid consultation. As a result, neither a Biological Opinion nor programmatic Biological Opinion are anticipated. However, if the habitat assessment for California Red Legged Frog's critical habitat finds the primary constituent elements present and the project cannot be designed to avoid impacts to the critical habitat, additional hours will be required for consultation with the agency for the programmatic Biological Opinion during the 0 phase, negatively impacting the project schedule and scope. In addition, a higher level document will be required.
- If wetlands are found and the project cannot be designed avoid permanent/temporary impacts, additional hours will be required to prepare a wetlands delineation report, negatively affecting the scope of the project in the 0 phase and additional hours will be required for the coastal development permit.
- If wetlands are found during a wetland delineation and the project cannot be designed to avoid impacts to the wetlands, an ACOE 404 permit, RWQCB 401 Water Quality Certification, and a 1600 Streambed Alteration Agreement will be required during the 1 phase, negatively impacting the schedule and scope for the project.
- It is assumed that aesthetic treatment to paving will be a part of the project, and the local communities will have the opportunity to review.

Anticipated Environmental Schedule

The total time anticipated for environmental approval is approximately 16 months after approval of Begin Environmental request. This timeline is needed to ensure adequate time for plant and animal surveys.

Disclaimer

This report is not an environmental document or determination. The above information and recommendations are based on the project description provided in this report. The discussion and conclusions provided by this Micro-PEAR are approximate and based on a *cursory* review of existing records, databases, and mapping tools to estimate the potential for probable environmental effects. The purpose of this report is to provide a preliminary level of environmental analysis to support the Project Initiation Document. Changes in project scope, alternatives, existing environmental conditions, and/or environmental laws or regulations will require a re-evaluation of this report.

Approval

 (FOR JASON WILKINSON)

Environmental Branch Chief

Date: March 24, 2015



Project Manager

Date: March 24, 2015

ATTACHMENTS:

[Attachment A: PEAR Environmental Studies Checklist](#)

[Attachment D: PEAR Environmental Commitments Cost Estimate \(MCCE\)](#)

