

Date: 3/08/2019

Project Phase:

PA/ED (DED/FED)

PS&E Submittal

Construction

ENVIRONMENTAL COMMITMENTS RECORD

Cold in-place recycle

08- SBd-95
EA 08-1F131
PN 0815000211
PM 9.7/33.6

Avoidance, Minimization, and/or Mitigation Measures	Page # in Env. Doc.	Environmental Analysis Source (Technical Study, Environmental Document, and/or Technical Discipline)	Responsible for Development and/or Implementation of Measure	Timing/ Phase	If applicable, corresponding construction provision: (standard, special, non-standard)	Action(s) Taken to Implement Measure	Measure Completed (Date and Initials)	Remarks	Environmental Compliance	
									YES	NO
Cultural Resources										
CR-1: If buried cultural resources are encountered during construction, it is Caltrans policy that work stop within 60 feet until a qualified archaeologist can evaluate the nature and significance of the find.	CE/CE	Standard on Projects.	RE/Contractor	Construction	Standard Specifications 2018: Section: 14-2.02A Archeological Resources: General.					
CR-2: In the event that human remains are found, the county coroner shall be notified and ALL construction activities within 60 feet of the discovery shall stop. Pursuant to Public Resources Code Section 5097.98, if the remains are thought to be Native American, the coroner will notify the Native American Heritage Commission (NAHC) who will then notify the Most Likely Descendent (MLD). The person who	CE/CE	Standard on Projects.	RE/Contractor	Construction	Standard Specifications 2018: Section: 14-2.02A Archeological Resources: General. Health & Safety Code 7050.5 & Public Resource Code 5097					

<p>discovered the remains will contact the District 8 Division of Environmental Planning; Andrew Walters, DEBC: (909)383-2647 and Gary Jones, DNAC: (909)383-7505. Further provisions of PRC 5097.98 are to be followed as applicable.</p>										
<p>CR-3: Archaeological and tribal monitors shall be present during any construction or preconstruction-related activity in all areas designated as Archaeological Monitoring Areas. In the event that cultural deposits are uncovered. The archaeological monitor shall be empowered to implement protective measures outlined above in CR-1. Archaeological Monitoring Areas and responsibilities are detailed in Attachment 1 and 2 of FoE.</p>	<p>CE/CE</p>	<p>Standard on Projects.</p>	<p>RE/Contractor</p>	<p>Construction</p>	<p>Standard Specifications 2018: Section: 14-1.02 Environmentally Sensitive Area: General.</p>					
<p>CR-4: The portions of Sites CA-SBR-437 (P-36-000437) and CA-SBR-12263/H (P-36-012473) lying outside the APE shall be designated as Environmentally Sensitive Areas, where all project-related activities or inadvertent</p>	<p>CE/CE</p>	<p>Standard on Projects.</p>	<p>RE/Contractor</p>	<p>Construction</p>	<p>Standard Specifications 2018: Section: 14-2.03B Archaeological Monitoring Area: General.</p>					

<p>disturbances shall be prohibited. The designation of Environmentally Sensitive Areas (ESAs) will protect CA-SBR- 12263/H (P-36-012473) and CA-SBR-437 (P-36-000437) (Attachment 1 of the FoE).</p>										
Hazardous Waste/Materials										
<p>HW-1 For disturbance of earth material in grading and reestablishing the shoulder backing, follow guidance from SSP 7-1.02K (6)(j)(iii)</p>	Pg 1	ISA Checklist	RE/Contractor	Construction	Standard Special Provisions 2018: Section 7-1.02K (6)(j)(iii)					
<p>HW-2 If the project will remove Yellow or White Traffic Stripes and Pavement Marking, include either SSP 14-11.12: Remove yellow traffic stripe and pavement marking with hazardous waste residue -OR-</p>	Pg 1	ISA Checklist	RE/Contractor	Construction	Standard Special Provisions 2018: Section 14-11.12					
<p>HW-3 If the project will remove Yellow or White Traffic Stripes and Pavement Marking, include either SSP 36-4: If residue from grinding or cold planing lead from paint and thermoplastic,</p>	Pg 1	ISA Checklist	RE/Contractor	Construction	Standard Special Provisions 2018: Section 36-4					

--OR--											
HW-4 If the project will remove Yellow or White Traffic Stripes and Pavement Marking, include either SSP 89-49.03C : Remove Traffic Stripe containing lead.	Pg 1	ISA Checklist	RE/Contractor	Construction	Standard Special Provisions 2018: Section 89-49.03C						
HW-5 If project will remove guardrail or roadside signposts, add SSP 14-11.14 : Remove Traffic Stripe containing lead.	Pg 1	ISA Checklist	RE/Contractor	Construction	Standard Special Provisions 2018: Section 89-49.03C						
Biological Resources											
BIO-1 Equipment Staging: Equipment, vehicles, and materials staged and stored in Caltrans right-of-way will be sited in previously paved or previously disturbed areas only or in areas previously identified and assessed in this study (Appendix D).	CE/CE	NES(MI)	RE/Contractor	Construction	Standard Special Provisions 2018: 14-6.02						
BIO-2 Materials and Spoils Control: Project materials will not be cast from the project site and project related debris, spoils, and trash will be	CE/CE	NES(MI)	RE/Contractor	Construction	Standard Special Provisions 2018: 14-6.02						

contained and removed daily.										
<p>BIO-3 Preconstruction Nesting Bird Survey: If construction occurs within nesting bird season (Feb 15 – Sept 1), conduct pre-construction nesting bird surveys before construction to locate and avoid nesting birds.</p>	CE/CE	NES(MI)	Qualified onsite Biologist	Pre-construction	Standard Special Provisions 2018: 14-6.02					
<p>BIO-4 Biological Monitor: A qualified biologist will be designated who will oversee compliance of all protective measures and will notify the resident engineer of project activities that may not be in compliance. The resident engineer must stop work until the protective measures are implemented.</p>	CE/CE	NES(MI)	RE/Contractor	Construction	Standard Special Provisions 2018: 14-6.03D(1)					
<p>BIO-5 Biological Resource Information Program: An education program will be developed and presented by the qualified biologist to all onsite personnel who will be in the project limits for longer than 30 minutes prior to the onset of ground-disturbing activities. At a minimum, the program will include the following topics: distribution, general behavior, and ecology of the desert tortoise, sensitivity of the species</p>	CE/CE	NES(MI)	Qualified onsite Biologist	Construction	Standard Specifications 2018: Section 14-6.03D(3)					

<p>to human activities, legal protection afforded to these species, penalties for violations of Federal and State laws, notification procedures by workers or contractors if a tortoise is found in a construction area, and project features designed to reduce the impacts to these species and promote continued successful occupation of the project area. The program will consist of a class presented by a qualified biologist or a video, provided the qualified biologist is present to answer questions. Handout materials will be distributed for workers with important information about the regulated species for future reference and as a reminder of the program's content. Following the education program, the handouts will be posted at all construction field offices and on all information boards, where they will remain through the duration of the project.</p>										
<p>BIO-6 Pre-construction Desert Tortoise Survey: Immediately prior to the start of any ground-disturbing activities and prior to the installation of any desert tortoise exclusion fencing,</p>	<p>CE/CE</p>	<p>NES(MI)</p>	<p>Qualified onsite Biologist</p>	<p>Pre-construction</p>	<p>Standard Specifications 2018: Section 14-6.03D(3)</p>					

clearance surveys for the desert tortoise will be conducted by the biologist, as appropriate. The entire project area will be surveyed for desert tortoise and their burrows by the qualified biologist before the start of any ground disturbing activities.										
BIO-7 Temporary Desert Tortoise Fencing: Temporary exclusion fencing will be installed outlining the perimeter of any construction staging, storage or batch plant areas to prevent entry by desert tortoises into the work site. Exclusion fencing will be installed following Service guidelines (2005) or more current protocol. The biologist will ensure that desert tortoises cannot pass under, over, or around the fence. The biologist must regularly check the fenced area and make any necessary repairs should it become damaged disturbing activities.	CE/CE	NES(MI)	RE/Contractor	Construction	Standard Specifications 2018: Section 14-6.03D					
BIO-8 Desert Tortoise under Vehicles and/or Equipment: The qualified Biologist and project personnel shall carefully check regularly under parked vehicles or equipment for desert tortoises before moving any vehicles or	CE/CE	NES(MI)	RE/Contractor	Construction	Standard Specifications 2018: Section 14-6.03A					

equipment. Desert tortoises found within the staging and/or construction areas will be allowed to move away from such areas to a location away from danger, on their own accord. Workers will not be allowed to capture, handle, or relocate tortoises. Project activities shall re-commence only once the desert tortoise is safely outside the project areas or required protected areas.										
BIO-9 Desert Tortoise in Work Area: If at any time a desert tortoise is observed in the ROW, the qualified biologist will have the authority to halt any activity, through the Resident Engineer or other identified authority in charge of implementation, that may pose a threat to desert tortoises and to direct movements of equipment and personnel to avoid injury or mortality to desert tortoises.	CE/CE	NES(MI)	RE/Contractor	Construction	Standard Specifications 2018: Section 14-6.03A					
BIO-10 Injured Desert Tortoise: The qualified biologist will inform USFWS and CDFW of any injured or dead tortoises found on site (verbal notification within 24 hours and written notification within 5 days).	CE/CE	NES(MI)	RE/Contractor	Construction	Standard Specifications 2018: Section 14-6.03D					
BIO-11 Desert Tortoise Monitoring Reports: The qualified biologist will	CE/CE	NES(MI)	Qualified onsite Biologist	Construction	Standard Specifications 2018: Section					

conduct on-site monitoring and submit monitoring reports for desert tortoise and during construction.					14-6.03D					
BIO-12 Speed Limit in Desert Tortoise Habitat: Except on maintained public roads designated for higher speeds or within desert tortoise-proof fenced area, driving speed will not exceed 20 miles per hour through potential desert tortoise habitat on unpaved roads.	CE/CE	NES(MI)	RE/Contractor	Construction	Standard Specifications 2018: Section 14-6.03D					
BIO-13 Predation Prevention: Workers are prohibited from feeding all wildlife.	CE/CE	NES(MI)	RE/Contractor	Construction	Standard Specifications 2018: Section 14-6.01					
BIO-14 Firearms and Pet Restrictions: No firearms or pets, including dogs, will be allowed within the work area. Firearms carried by authorized security and law enforcement personnel and working dogs under the control of a handler will be exempt from this protective measure.	CE/CE	NES(MI)	RE/Contractor	Construction	Standard Specifications 2018: Section 14-6.01					
BIO-15 Handling Desert Tortoise: When handling desert tortoises, authorized biologists (and trained individuals) must follow the guidelines outlined in the Desert Tortoise Field Manual (Service 2010), chapters	CE/CE	NES(MI)	RE/Contractor	Construction	Standard Specifications 2018: Section 14-6.03D					

6 and 7 or more current protocol.										
BIO-16 Desert Tortoise Relocation: If a desert tortoise enters an area where it may be killed or injured, the authorized biologist (or someone under the direction of the authorized biologist or a qualified Caltrans biologist) will move the desert tortoise from harm's way. The desert tortoise will be moved in the direction it was traveling, no more than 150 meters from the edge of the road, and placed in the shade of a shrub. The authorized biologist will use his or her discretion with regard to the best placement of the desert tortoise.	CE/CE	NES(MI)	RE/Contractor	Construction	Standard Specifications 2018: Section 14-6.03D					
Permits Required: The following permits are required for this project: <ul style="list-style-type: none"> • 1602 Streambed Alternation Agreement from CDFW • 401 Water Certification permit from RWQCB • 404 Nationwide permit from USACE 	CE/CE	NES(MI)	Qualified Biologist	PS&E						

