

Date: 5/04/2018  
 Project Phase:  
 PA/ED (DED/FED)  
 PS&E Submittal  
 Construction

# ENVIRONMENTAL COMMITMENTS RECORD

Cold in place recycle

08- SBd-62  
 EA 08-1F133  
 PN 0816000003  
 PM 122.0/142.7

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
<b>Cultural Resources</b>										
<b>CR-1:</b> 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.					
<b>CR-2:</b> 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					

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.										
<b>Hazardous Waste/Materials</b>										
<b>HW-1</b> For disturbance of earth material in grading and reestablishing the shoulder backing, follow guidance from <b>SSP 7-1.02K (6)(j)(iii)</b>	Pg 1	ISA Checklist	RE/Contractor	Construction	Standard Special Provisions 2018:  Section 7-1.02K (6)(j)(iii)					
<b>HW-2</b> If the project will remove Yellow or White Traffic Stripes and Pavement Marking, include either <b>SSP 14-11.12</b> : Remove yellow traffic stripe and pavement marking with hazardous waste residue <b>--OR--</b>	Pg 1	ISA Checklist	RE/Contractor	Construction	Standard Special Provisions 2018:  Section 14-11.12					
<b>HW-3</b> If the project will remove Yellow or White Traffic Stripes and Pavement Marking, include either <b>SSP 36-4</b> : If residue from grinding or cold planing lead from paint and thermoplastic, <b>--OR--</b>	Pg 1	ISA Checklist	RE/Contractor	Construction	Standard Special Provisions 2018:  Section 36-4					

<p><b>HW-4</b> If the project will remove Yellow or White Traffic Stripes and Pavement Marking, include either <b>SSP 89-49.03C</b>: Remove Traffic Stripe containing lead.</p>	Pg 1	ISA Checklist	RE/Contractor	Construction	Standard Special Provisions 2018:  Section 89-49.03C						
<p><b>HW-5</b> If project will remove guardrail or roadside signposts, add <b>SSP 14-11.14</b>: Remove Traffic Stripe containing lead.</p>	Pg 1	ISA Checklist	RE/Contractor	Construction	Standard Special Provisions 2018:  Section 89-49.03C						
<p><b>Biological Resources</b></p>											
<p><b>BIO-1</b> 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).</p>	CE/CE	NES(MI)	RE/Contractor	Construction	Standard Special Provisions 2018:  Section 89-49.03C						
<p><b>BIO-2</b> Materials and Spoils Control: Project materials will not be cast from the project site and project related debris, spoils, and trash will be contained and removed daily.</p>	CE/CE	NES(MI)	RE/Contractor	Construction	Standard Special Provisions 2018:  Section 89-49.03C						
<p><b>BIO-3</b> Preconstruction Nesting Bird Survey: If construction occurs within nesting bird season (Feb 15 – Sept 1), conduct pre-construction nesting bird surveys before</p>	CE/CE	NES(MI)	RE/Contractor	Construction	Standard Special Provisions 2018: 14-6.02						

construction to locate and avoid nesting birds.										
<b>BIO-4</b> Bat Presence Work Restrictions: Artificial lighting for the project site is to be directed specifically at the work site only.	CE/CE	NES(MI)	RE/Contractor	Construction						
<b>BIO-5</b> 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.	CE/CE	NES(MI)	Qualified onsite Biologist	Construction	Standard Special Provisions 2018: 14-6.03D(1)					
<b>BIO-6</b> 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 to human activities, legal protection afforded to these species, penalties for violations of Federal and State laws,	CE/CE	NES(MI)	RE/Contractor	Construction	Standard Specifications 2018: Section 14-6.03D(3)					

<p>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><b>BIO-7</b> 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, clearance surveys for the desert tortoise will be conducted by the biologist, as appropriate.</p>	CE/CE	NES(MI)	RE/Contractor	Construction	Standard Specifications 2018: Section 14-6.03D(3)					

<p>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.</p>										
<p><b>BIO-8</b> 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 notify the Engineer should it become damaged and require repair.</p>	CE/CE	NES(MI)	RE/Contractor	Construction	Standard Specifications 2018: Section 14-6.03D					
<p><b>BIO-9</b> 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 equipment. Desert tortoises found within the staging and/or construction areas will be allowed to move away</p>	CE/CE	NES(MI)	RE/Contractor	Construction	Standard Specifications 2018: Section 14-6.03A					

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.										
<b>BIO-10</b> 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					
<b>BIO-11</b> 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					
<b>BIO-12</b> Desert Tortoise Monitoring Reports: The qualified biologist will conduct on-site monitoring and submit monitoring reports for	CE/CE	NES(MI)	RE/Contractor	Construction	Standard Specifications 2018: Section 14-6.03D					

desert tortoise and during construction.										
<b>BIO-13</b> 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					
<b>BIO-14</b> Predation Prevention: Workers are prohibited from feeding all wildlife.	CE/CE	NES(MI)	RE/Contractor	Construction	Standard Specifications 2018: Section 14-6.01					
<b>BIO-15</b> 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					
<b>BIO-16</b> 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 6 and 7 or more current protocol.					Standard Specifications 2018: Section 14-6.03D					



<p><b>BIO-17 Desert Tortoise Relocation:</b> 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.</p>	CE/CE	NES(MI)	RE/Contractor	Construction	Standard Specifications 2018: Section 14-6.03D						
<p><b>Permits Required:</b> The following permits are required for this project:</p> <ul style="list-style-type: none"> <li>• <b>1602</b> Streambed Alternation Agreement from CDFW</li> <li>• <b>401</b> Water Certification permit from RWQCB</li> <li>• <b>404</b> Nationwide permit from USACE</li> </ul>	CE/CE	NES(MI)	Qualified Biologist	PS&E							