

Permit Type	Agency	Date Received	Expiration	Notes
N/A	N/A	N/A	N/A	N/A

Date of ECR: 8/5/2019
 Date: 8/7/2019 CE (CEQA)

ENVIRONMENTAL COMMITMENTS RECORD (Bridge Maintenance)

08-SBd-015
 PM 16.07/169.4

Project Phase:
 PA/ED (DED/FED)
 PS&E Submittal _____ %
 Construction

EA 08-1K190
 PN 0818000207
 Generalist: JaShawn Combs
 ECL:

Avoidance, Minimization, and/or Mitigation Measures	Page # in Env. Doc. Or Permit	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/if checked No, add Explanation here	PS&E Task Completed	Construction Task Completed	Environmental Compliance	
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CULTURAL RESOURCES										
CUL-1: Stop work if buried cultural resources are encountered during construction until a qualified archaeologist can evaluate the nature and significance of the find. In the event that human remains, including isolated, disarticulated bones or fragments, are discovered during construction-related activity, cease in the vicinity of the human remains.		Screened Undertaking Section 106 Compliance Memorandum (May 28, 2019)	District Cultural Studies/ District Design/ Resident Engineer/ Contractor	Design/Construction	Standard Specification Provision 2018: 14-2.03A					
CUL-2: In the event that human remains are found, the county coroner shall be notified and ALL construction activities within 50 feet of the discovery		Screened Undertaking Section 106	District Cultural Studies/ District Design/ Resident Engineer/ Contractor	Final Design, Construction	Standard Specification Provision 2018: 14-2.03A					

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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 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.		Compliance Memorandum (May 28, 2019)								
NOISE AND VIBRATION										
NOI-1: SSP 14-8.02: Noise Control. Control and monitor noise resulting from work activities. Do not exceed 86 dBA Lmax at 50 feet from the job site from 9:00 p.m. to 6:00a.m.			District Design / District Environmental Engineering / Resident Engineer / Contractor		Standard Specification Provision 2018: 14-8.02					

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HAZARDOUS WASTE / MATERIALS										
HW-1: Add SSP 14-9.02 to PS&E package and comply with its asbestos NESHAP notification requirements.		ISA Checklist (July 16, 2019)	District Design / District Environmental Engineering / Resident Engineer / Contractor	Final Design, Construction	Standard Specification Provision 2018: 14-9.02					
HW-2: SSP 36-4: Residue containing lead from paint and thermoplastic.		ISA Checklist (July 16, 2019)	District Design / District Environmental Engineering / Resident Engineer / Contractor	Final Design, Construction	Standard Specification Provision 2018: 36-4					
HW-3: Include SSP 84-9.03B, in the PS&E package, for removal of traffic stripes and pavement markings containing lead.		ISA Checklist (July 16, 2019)	District Design / District Environmental Engineering / Resident Engineer / Contractor	Final Design, Construction	Standard Specification Provision 2018: 84-9.03B					
BIOLOGICAL RESOURCES										

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BIO-1: Rare Plant Pre-Construction Clearance Survey: Prior to ground breaking activities, a qualified biologist must perform a pre-construction plant survey during the appropriate blooming season. Should any small-flowered androstephium be found, they will be flagged or fenced		NESMI (July 31, 2019)	District Design / District Biological Studies / Resident Engineer / Contractor	Final Design, Construction	N/A					
BIO-2: 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 and will avoid native vegetation. Approval of additional staging areas will require the Caltrans Biologist to analyze project impacts and provide authorization for additional staging areas.		NESMI (July 31, 2019)	District Design / District Biological Studies / Resident Engineer / Contractor	Final Design, Construction	N/A					

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BIO-3: Workers Environmental Awareness Program (WEAP): A Workers Environmental Awareness Program (WEAP) will be developed and presented by a Caltrans Stewardship Biologist to all on-site 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, notification procedures by workers or contractors if a tortoise is found in a construction area, sensitivity of the species to human activities, legal protection afforded to rare plants, migratory birds, bats, and other species, penalties for violations of Federal and State laws, and project features designed to reduce the impacts to these species and promote continued successful occupation of the Project area. The program will		NESMI (July 31, 2019)	District Design / District Biological Studies / Resident Engineer / Contractor	Final Design, Construction	Standard Specification Provision 2018: 14-6.03D(3)A					

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consist of a tailgate meeting by a Caltrans Stewardship Biologist prior to the start of work. 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 throughout the duration of the Project. If at any time a desert tortoise is observed in the Project area, the Resident Engineer will cease operations immediately and will contact the Caltrans Environmental Stewardship & Monitoring Unit.										
BIO-4: Pre-Construction Desert Tortoise Survey: A pre-construction survey will be carried out for desert tortoise and their burrows by the Caltrans Stewardship		NESMI (July 31, 2019)	District Design / District Biological Studies / Resident	Final Design, Construction	N/A					

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biologist prior to the start of any ground disturbing activities and prior to the installation of any desert tortoise exclusion fencing.			Engineer / Contractor							
BIO-5: Desert Tortoise Confirmed Presence: If a desert tortoise is found, then it shall be allowed to leave on its own accord. If a tortoise is found underneath a vehicle, then the worker will notify the Caltrans Authorized biologist. Workers will not be allowed to capture, handle, or relocate tortoises. If a desert tortoise requires relocation, then Caltrans will contact the wildlife agencies		NESMI (July 31, 2019)	District Design / District Biological Studies / Resident Engineer / Contractor	Final Design, Construction	Standard Specification Provision 2018: 14-6.03A					
BIO-6: Desert Tortoise Exclusion Fencing: The Caltrans Stewardship Biologist will monitor the installation of desert tortoise exclusion fencing outside of 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		NESMI (July 31, 2019)	District Design / District Biological Studies / Resident Engineer / Contractor	Final Design, Construction	Standard Specification Provision 2018: 80-4.02B(2)					

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guidelines (2005) or more current protocol. The Caltrans Biologist will ensure that desert tortoises cannot pass under, over, or around the fence. The Caltrans Biologist must regularly check the fenced area and notify the Engineer, should it become damaged and require repair.										
BIO-7: Desert Tortoise As-Needed Surveys: The Caltrans Stewardship Biologist shall conduct pre-construction surveys for desert tortoise during Project construction on an as-needed basis, which are determined by the Biologist.		NESMI (July 31, 2019)	District Design / District Biological Studies / Resident Engineer / Contractor	Final Design, Construction	Standard Specification Provision 2018: 14-6.03A					
BIO-8: Desert Tortoise Under Vehicles and/or Equipment: The Caltrans Stewardship biologist and Project personnel shall carefully check under parked vehicles and equipment for desert tortoises before		NESMI (July 31, 2019)	District Design / District Biological Studies / Resident Engineer / Contractor	Final Design, Construction	Standard Specification Provision 2018: 14-6.03A					

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any of the vehicles or equipment can be moved.										
BIO-9: Desert Tortoise in Work Area: If at any time a desert tortoise is observed in the project area, the Caltrans Stewardship Biologist will have the authority to halt any activities, through the Resident Engineer or any 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 to mortality to desert tortoises. Desert tortoises will be removed by the authorized biologist according to guidelines set forth by USFWS in the Biological Opinion to a translocation site pre-approved by the appropriate wildlife/resource agency(s). Should a tortoise require removal from the work site, USFWS will be contacted.		NESMI (July 31, 2019)	District Design / District Biological Studies / Resident Engineer / Contractor	Final Design, Construction	Standard Specification Provision 2018: 14-6.03A					

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BIO-10: Injured or Dead Desert Tortoise: The Caltrans Stewardship Biologist will inform USFWS and CDFW of any injured or dead desert tortoises (and other special status species) found on site (verbal notification within 24 hours and written notification within 5 days).		NESMI (July 31, 2019)	District Design / District Biological Studies / Resident Engineer / Contractor	Final Design, Construction	Standard Specification Provision 2018: 14-6.03A					
BIO-11: Desert Tortoise Monitoring Reports: The Caltrans Stewardship Biologist will conduct daily on-site monitoring and submit a weekly monitoring report for desert tortoises (and additional special status species) during construction.		NESMI (July 31, 2019)	District Design / District Biological Studies / Resident Engineer / Contractor	Final Design, Construction	Standard Specification Provision 2018: 14-6.03A					
BIO-12: Speed Limits in Desert Tortoise Habitat: Except on maintained public roads designated for higher speeds or within desert tortoise-proof fenced areas, driving speeds will not exceed 20 miles per		NESMI (July 31, 2019)	District Design / District Biological Studies / Resident Engineer / Contractor	Final Design, Construction	Standard Specification Provision 2018: 14-6.03A					

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hour through potential desert tortoise habitat on unpaved roads.										
BIO-13: Desert Tortoise Predation Prevention: To preclude attracting predators, such as the common raven (<i>Corvus corax</i>) and coyotes (<i>Canis latrans</i>), food-related trash items will be placed in covered refuse cans and removed daily from the work sites and disposed of at an appropriate refuse disposal site. Workers are prohibited from feeding any and all wildlife.		NESMI (July 31, 2019)	District Design / District Biological Studies / Resident Engineer / Contractor	Final Design, Construction	Standard Specification Provision 2018: 14-6.03A					
BIO-14: Pre-Construction Clearance and Monitoring for Migratory Birds: If project activities cannot be avoided during the nesting period from February 1 through September 30, a Caltrans biologist will perform a nesting bird pre-construction survey (i.e. swallows) within the immediate work area prior to commencement of		NESMI (July 31, 2019)	District Design / District Biological Studies / Resident Engineer / Contractor	Final Design, Construction	Standard Specification Provision 2018: 14-6.03B					

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construction. The surveys will be conducted by the Caltrans Biologist at the appropriate time(s) of day, no more than three days prior to commencement of project activities. If an active nest of a resident, migratory bird, or BLM sensitive species is found, then the Caltrans Stewardship Biologist will assess if impacts to nesting birds will occur. If impacts would occur, then a Caltrans Stewardship Biologist will contact the appropriate wildlife agencies for further direction; a 300-foot no construction buffer (500-foot buffer for raptors) may be put into place until nesting has ceased or the young have fledged.										
BIO-15: Pre-Construction Survey and Monitoring by a Qualified Bat Biologist: Prior to the start of construction, a contractor-supplied biologist will conduct a pre-construction survey to determine if		NESMI (July 31, 2019)	District Design / District Biological Studies / Resident	Final Design, Construction	Standard Specification Provision 2018: 14-					

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bats are roosting on any of the bridges. If work on bridges that support bat roosting occur during the bat maternity season (April 1– August 31), then a Caltrans Stewardship Biologist will contact the appropriate wildlife agencies for further direction.			Engineer / Contractor		6.03D & 14-6.03D(1)					
BIO-16: Bat Presence Work Restrictions: If bats are confirmed to be present, then artificial lighting shall be focused only on the area of direct work, airspace access to and from the roost features of the structure shall not be obstructed, and light spillover into the adjacent foraging areas shall be minimized to the greatest extent feasible.		NESMI (July 31, 2019)	District Design / District Biological Studies / Resident Engineer / Contractor	Final Design, Construction	Standard Specification Provision 2018: 14-6.03A					