

Permit Type	Agency	Date Submitted	Date Received	Expiration	Fee	Notes	Permit Requirement Completed	
							Name	Date
NA	No Permits Required	NA	NA	NA	NA	NA	NA	NA

Date of ECR: 4/10/2019

- Project Phase:  
 PA/ED (DED/FED)  
 PS&E Submittal:100 %  
 Construction

## ENVIRONMENTAL COMMITMENTS RECORD (RIV 91- Realignment of Pachappa UP Tracks)

08-RIV-91  
PM 18.4/20.7

EA 08-44843  
PN 081600080  
Generalist: Andrew Kuria  
909-889-3240

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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<b><u>CULTURAL RESOURCES</u></b>										
<b>CR-1:</b> If buried cultural resources are encountered during project activities, it is Caltrans policy that work stop in that area until a qualified archaeologist can evaluate the nature and significance of the find.	N/A	Standard on Projects	RE/Contractor	Construction	2018 Standard Specifications 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 50 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 discovered the remains will contact the District 8 Division of Environmental Planning;	N/A	Standard on Projects	RE/Contractor	Construction	Standard Specifications 2018:  Section 14-2.02A Archeological Resources: General					

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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.					Health & Safety code 7050.5 & Public Resource Code 5079					
<b><u>AIR QUALITY</u></b>										
<b>AQ-1: SSP 14-9</b> The contractor must implement and follow Fugitive Dust Control Best Management Practices (BMPs)		Standard on Projects	RE/Contractor	Construction	2018 Standard Specifications Section: 14-9					
<b>AQ-2:</b> Implement and follow Erosion Control and Air Quality Best Management Practices (BMPs)		Standard on Projects	RE/Contractor	Construction	2018 Standard Specifications Section 14-9: Air Quality Section 13: Water Pollution Section 21: Erosion Control					

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<b><u>NOISE</u></b>										
<b>NOI-1: SSP 14-8.02</b> The contractor shall comply with all local sound control and noise level rules, regulations and ordinances that apply to any work performed pursuant to contract		Standard on projects	RE/Contractor	Construction	2018 Standard Specifications.  Section: 14-8.02: Noise					
<b>NOI-2:</b> Each internal combustion engine, used for any purpose on the job or related to the job, shall be equipped with a muffler of a type recommend by the manufacturer. No internal combustion engine shall be operated on the project without the muffler		Standard on Projects	RE/Contractor	Construction	2018 Standard Specifications  Section 14-8.02: Noise and Vibration					
<b><u>HAZARDOUS WASTE</u></b>										
<b>HAZ-1:</b> Project requires an ADL survey for areas where soils will be disturbed and/or excavated		ISA checklist	RE/Contractor	Construction						

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<b>HAZ-2:</b> An asbestos lead-based paint survey is required for bridge demolition/renovation		ISA checklist	RE/Contractor	Construction						
<b>HAZ-3: SSP 14-11.12</b> Remove Yellow Traffic Stripe with Hazardous Waste Residue		ISA Checklist	RE/Contractor	Construction	2018 Standard Specifications SSP: 14-11.12					
<b>HAZ-4: SSP 36-4</b> Residue Containing Lead from Paint and Thermoplastic		ISA Checklist	RE/Contractor	Construction	2018 Standard Specifications SSP: 36-4					
<b>HAZ-5: SSP 84-9.03C</b> Remove Traffic Stripes and Markings Containing Lead		ISA Checklist	RE/Contractor	Construction	2018 Standard Specifications SSP: 84-9.03C					
<b>HAZ-6: SSP 7-1.02K</b> Earth Material Containing Lead. This requires a Bid item Code #0700030 for Lead Compliance Plan (\$5,000)		ISA Checklist	RE/Contractor	Construction	2018 Standard Specifications SSP: 7-1.02K					
<b>HAZ-7: SSP 19-2.01B</b> Earthwork from removal of retaining wall (RW) 339 and 342, per contract plans, will be tested by others for Hazardous waste and contamination before			RE/Contractor	Construction	2018 Standard Specifications SSP: 19-2.01B					

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removing these walls, final grading of the slope, and hauling out excess material may be performed.  <b>NSSP: 19-2.01C(1)</b> Sampling and analysis of the soil from removal of RW 339 and RW 342 will be performed by others, prior to being disturbed, once the shoofly tracks are out of service and under the timeframes provided below:  1. Provide 20 days advance notice for the soil testing contractor to begin testing soil for each site by contacting: Gary Tomasetti JPMCo (909) 974-2747 or (714) 412-2262  2. Allow 20 days for performance of the field soil tests.  3. Allow 20 days for the completion and submittal of the soil testing report by others, and approval by Caltrans of the soil testing report, after which the roadway contractor					NSSP: 19-2.01C (1)					

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may start to remove the walls, grade the slope behind the walls, and haul the dirt out.  The soil tests to be performed include: (ADL, Total Petroleum Hydrocarbons, Title 22 Metals, Semi Volatile Organic Compounds, Organochlorine Pesticides, Organophosphorous Pesticides, Herbicides, and soil PH) and will need to be performed during construction on the retaining walls RW 339 and RW 342 soils.										
<b>BIOLOGICAL RESOURCES</b>										
<b>BIO-1: SSP 14-6.03A</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.	10	NESMI	RE/Contractor	Construction	2018 Standard Specifications SSP: 14-6.03A					
<b>BIO-2:</b> Material and spoils control: Project materials will not be cast from the project site into the	10	NESMI	RE/Contractor	Construction						

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surrounding area and project related debris, spoils, and trash will be contained and removed to a proper disposal facility										
<b>BIO-3:</b> Vegetation Transport: Trucks with loads carrying vegetation shall be covered, and vegetative materials removed from the site shall be disposed of in accordance with all applicable laws and regulations.	11	NESMI	RE/Contractor	Construction	2018 Standard Specification  SSP: 14-6.03A					
<b>BIO-4:</b> Preconstruction Roosting Bat Survey: Preconstruction Roosting Bat surveys will be conducted by a qualified biologist at the Pachappa underpass (PM 19.4) prior to commencing project related activities and during late summer when bat populations at diurnal roosting are at a maximum because of recruitment of juveniles and because warm weather often leads bats to be active and vocal during the day (Woodward 2005). The surveys will be conducted by the	11-12	NESMI	RE/Contractor	Construction	2018 Standard Specifications  SSP: 14-6.03A					

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qualified biologist at the appropriate time(s) of day, no more than three days prior to commencement of project activities. If an active roost is located, the qualified biologist will implement and monitor the specific avoidance and minimization measures to ensure that impacts to roosting bats do not occur and that the project complies with all applicable laws related to roosting bats. A consult with USFWS and/or CDFW may be required.										
<b>BIO-5:</b> Preconstruction Meeting Attendance: A Caltrans Biologist will attend pre-construction meeting for this project. At the pre-construction meeting the biologist will inform the contractor of the potential presence of terrestrial species that may be affected by the project and the steps that they must take to avoid and minimize negative impacts to those species. The contractor will be requested to sign a statement indicating that they have	12	NESMI	RE/Contractor	Construction						



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been informed of the risk of affecting terrestrial species and that they will take steps necessary to avoid and minimize those potential impacts.										
<b>BIO-6: SSP 14-6.03</b> Preconstruction Migratory Bird Survey: If project activities cannot be avoided during the nesting season period from (February 15 through September 30), a qualified biologist will survey the entirety of the project area prior to commencing project related activities. The surveys will be conducted by the qualified biologist at the appropriate time(s) of day, no more than three days prior to commencement of project activities. If an active avian nest is located, a 300 foot no construction buffer (500ft for raptors) will be put in place until nesting has ceased or the young have fledged. The qualified biologist will implement and monitor these specific avoidance and minimization measures to ensure	13	NESMI	RE/Contractor	Construction	2018 Standard Specifications  SSP: 14-6.03A					

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that impacts to nesting birds do not occur and that the project complies with all applicable laws related to nesting and birds of prey. A consult with USFWS and/or CDFW may be required.										