

D-3 ENVIRONMENTAL COMMITMENTS RECORD (ECR)

District 03 - Environmental Commitments Record (ECR)						
Does the project require environmental commitments <i>other</i> than the Standard Specifications? YES or NO?				Task Complete- Initials	Task Complete - Date	Check One Box Only
YES	Then prepare Environmental Commitments Record (ECR) as necessary with project specific environmental commitments and/or Non Standard Specifications (NSSPs).					
PERMITS						
Does the project require permits? YES.		Responsible Party	Reference	Target Submittal - Date	Task Complete - Date	Comments
YES	If YES, list the type of permits required for the project and start the REDBOOK					
404 NW	404 Nationwide ACOE Fill Permit	ACOE / Biologist	ED / Redbook / ECR			The project area for Phase 2.2 does not provide suitable habitat for CRLF or FYLF. As a result, work within waters should follow permit requirements excluding measures for protection of CRLF/FYLF.
401 CWA	401 Water Quality Permit	RWQCB / Biologist	ED / Redbook / ECR			
1602 SAA	1602 Streambed Alteration Agreement	CDFG / Biologist	ED / Redbook / ECR			
402 CWA	402 NPDES Permits	SWRCB / Biologist	ED / Redbook / ECR			
<p>* NOTE: The Environmental Commitments Record (ECR) is a Caltrans District 03 tool used to track the project specific environmental commitments for a given project. The Plans, Specifications, and Estimates (PS&E) package is the main binding contract for the project. <u>The ECR should not replace the PS&E package</u>, rather it should summarize project specific commitments (other than standards), call out important standards (if necessary), and guide the Resident Engineer (RE), the contractor, the Environmental Construction Liaison (ECL), the Environmental Coordinator, and necessary environmental specialists throughout the environmental life of the project.</p>						
PROJECT APPROVAL/ENVIRONMENTAL DOCUMENT						
Subject	Task & Brief Description	Responsible Party	Reference	Task Complete- Y/N & Initials	Task Complete - Date	Comments
ECR	Send the environmental document / decision document (IS/EIR/EA/EIR/CE) to the Design Team with Environmental Avoidance, Minimization, and/or Mitigation Measures. Then start the ECR.	Environmental Coordinator	Caltrans Environmental Process			
Environmental Commitments	List all of the project specific environmental commitments required for the project.	Environmental Coordinator	CE or ED			

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DRAFT PS&E						
Subject	Task & Brief Description	Responsible Party	Reference	Task Complete- Y/N & Initials	Task Complete - Date	Comments
ECR	Update Environmental Commitments Record (ECR) during Draft PSE.	Environmental Coordinator	CE/ED			Updated 4/9/20 by Dokken Engineering tailored to Phase 2.2.
Draft PS&E	Have the Environmental Specialists review the Draft PS&E package for their commitments and have them provide comments.	Environmental Coordinator and Specialists	Caltrans Environmental Process			Phase 2.2 95% PS&E Reviewed by Dokken Engineering 4/9/20
ECR	<u>Transportation and Circulation</u> Measure T&C-1: A project traffic management plan shall be developed which includes the following measures: <ul style="list-style-type: none"> A public coordination and notification process that effectively solicits input and feedback from residents and businesses that may be affected during construction. Transit system coordination and the development of temporary transit system passenger pick-up/drop-off locations. Accommodations for disabled persons at temporary transit stops shall also be addressed. Temporary pedestrian routes shall be developed in consideration of minimizing increased walking distances and accommodations for disabled persons shall also be addressed. 	Resident Engineer	ED			
ECR	<u>Biological Resources</u> Measure BIO-9: The City shall develop a site restoration and revegetation plan designed to minimize soil loss immediately after construction and to revegetate disturbed areas with plants. The plan shall include compensation for the loss and/or disturbance of vegetation on the project site and areas cleared for access and construction staging areas. Restoration plan elements included in the final construction plans. Plants selected for revegetation will be appropriate for the BSA and will not include any noxious or invasive species.	Resident Engineer	ED			

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Subject	Task & Brief Description	Responsible Party	Reference	Task Complete- Y/N & Initials	Task Complete - Date	Comments
ECR	<u>Climate Change</u> Measure CC-1: Energy efficient lighting, such as LED traffic signals and street lights will be used when possible.	City	ED			
ECR	<u>Visual Resources</u> Measure VR-3: The City shall develop a landscape plan for the selected alternative which specifies design for plantings, retaining walls, signage and other project features. The development of the landscape plan shall consider design and landscaping elements of the adjacent U.S. 50 improvement projects including the Missouri Flat Interchange Improvement Project and the U.S. Highway 50 Operational Improvements Project to ensure that the projects' visual design elements are consistent. Native and drought tolerant plant species shall serve as the primary guidance the landscaping plan plantings list.	Resident Engineer	ED			
ECR	Measure VR-4: To minimize the degree of change and reduce visual impacts, mitigation techniques such as contour grading, slope rounding, revegetation and screen planting should be implemented when feasible. Specific measures that will be considered during final project landscaping design include the following: <ul style="list-style-type: none"> Cut and fill slopes should be contour graded and rounded so as to reflect the contours of adjacent, undisturbed topography to the extent feasible. Grading operations should not result in angular landforms. Retaining walls should be stepped or terraced to minimize contrast to adjacent areas and slopes. When stepped retaining wall design is not feasible, retaining walls should be designed with features that blend with the natural features of adjacent areas (soils and/or vegetation), such as recreating natural looking rock formation or using splitfaced masonry blocks colored in earthen brown hues. During clearing and grading, surface soils and vegetative materials should be stockpiled as a standard excavation procedure. All new cut/fill slopes should be resurfaced with stockpiled material to enhance revegetation. Wood debris and green vegetative material generated from clearing the construction site shall be chipped into a mulch material and stockpiled for later use. This mulch material shall be spread over the disturbed slope areas (approximately two inches in depth) to aid in erosion control and revegetation. 	Resident Engineer	ED			

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Subject	Task & Brief Description	Responsible Party	Reference	Task Complete- Y/N & Initials	Task Complete - Date	Comments
ECR	<ul style="list-style-type: none"> All exposed ground surfaces should be seeded with appropriate species for erosion control purposes. The seed mix should include native grass and shrub seed collected from the project area. Abatement of invasive nonnative species in all areas disturbed by the project should be implemented as part of a landscaping maintenance program. This procedure should include a long-term monitoring element. Oak trees that must be removed for construction of the project will be replaced within the project area when feasible or outside the project area in a manner to be identified by the City. Oak tree replaced and ratio determinations will be determined through biological resources assessment and review that is being conducted for the project. Native plant species should be used to reestablish disturbed areas. Efforts should be made during culvert and utility relocations to minimize disturbance of vegetative root zones and networks. Indigenous rock should be given first consideration for erosion control or rock slope protection. In instances when non-indigenous rip rap or similar rock is used, glare reduction should be considered including staining or other coloring to minimize glare. Following construction, all disturbed areas including those used for staging, access, soils borrow or fill, or other construction activities should be contour graded in such a way as to visually integrate them into the surrounding topography. 	Resident Engineer	ED			
ECR	Measure VR-5: A lighting plan shall be developed for the project that requires all project lighting to be appropriately shielded and that project lighting design is consistent with all City lighting guidelines and standards. Lighting design shall incorporate context sensitive design and shall be reviewed and approved by the City Council during the project design phase.	Resident Engineer	ED			

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READY TO LIST						
Subject	Task & Brief Description	Responsible Party	Reference	Task Complete- Y/N & Initials	Task Complete - Date	Comments
ECR	Update Environmental Commitments Record (ECR).	Environmental Coordinator	CE/ED			Updated 4/9/20 by Dokken Engineering tailored to Phase 2.2.
Draft PS&E	Environmental Specialists review draft PS&E package and provide comments.	Environmental Coordinator	Caltrans Environmental Process			Phase 2.2 95% PS&E Reviewed by Dokken Engineering 4/9/20
Final PS&E	Review the final PS&E package.	Environmental Coordinator	Caltrans Environmental Process			
RTL / Environmental Certification	Environmental Senior to sign Environmental Certification after all PS&E comments have been addressed, commitments are incorporated, and permits have been obtained.	Environmental Coordinator	Caltrans Environmental Process			
ECR	Put updated ECR into shared drive in the ECR Folder, listed by county. M:env/shared/ECR	Environmental Coordinator	D-3 Environmental Process			

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PRE-CONSTRUCTION						
Subject	Task & Brief Description	Responsible Party	Reference	Task Complete- Y/N & Initials	Task Complete - Date	Comments
ECR	Update Environmental Commitments Record.	Environmental Coordinator	CE/ED			
Pre-Construction Meeting	Go to the Preconstruction Meeting or have the ECL go (if necessary). Below is a web address to the pre-job schedule: http://northregion.dot.ca.gov/construction/labor.htm	Environmental Coordinator / ECL	Caltrans Environmental Process			
Redbook	Transfer Redbook with Environmental Commitments Record and Permits to Resident Engineer and Environmental Construction Liaison.	Environmental Coordinator	Caltrans Environmental Process			
ECR	Transportation and Circulation Measure T&C-1: A project traffic management plan shall be implemented which includes the following measures: <ul style="list-style-type: none"> • Detour routing and signage for all vehicle detours and lane shifts. • Temporary roadway barrier, striping and signage protocols. • Temporary pedestrian and bicycle routing shall be identified and clearly signed. • Temporary bicycle routing shall include considerations regarding bicycle operation safety and avoidance of both vehicle traffic and construction activities and hazards. 	Contractor	ED			
ECR	Hazardous Materials Measure HAZ-1: The City shall ensure that all construction contractors possess appropriate licenses or other documentation of their qualifications to transport, store, manage, dispose or otherwise use hazardous materials.	City	ED			
ECR	Measure HAZ-2: The City shall conduct an updated Environmental Site Assessment, including a hazardous materials occurrence database search, for the project area within a two year period prior to construction. The City shall also implement a limited soil sampling program for soils to be disturbed during project construction.	City	ED			Updated ISA Memo and Records search prepared in September 2019 by Dokken Engineering.
ECR	Measure HAZ-3: The City shall retain a qualified California Registered Geologist or California Registered Professional Engineer to conduct a Phase 1 Environmental Site Assessment (Phase 1 ESA) of the project area to develop information concerning the potential presence of hazardous materials within the project area and to determine the need for specific avoidance or treatment measures associated with such materials.	City	ED			Updated ISA Memo and Records search prepared in September 2019 by Dokken Engineering.

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Subject	Task & Brief Description	Responsible Party	Reference	Task Complete- Y/N & Initials	Task Complete - Date	Comments
ECR	Measure HAZ-4: The City will conduct a limited sampling program for any soils that would be removed or otherwise disposed, specifically to identify the presence of any contamination associated with existing environmental conditions from past chemical releases and to identify the potential presence of NOA or asbestos which may be contained within existing structures within the project area that would be demolished or modified. The identification of any soils to be disturbed or disposed that contain hazardous materials, including NOA, shall result in immediate cessation of disturbance or transport of such soils, and the City shall work with appropriate regulatory agency to determine appropriate remediation.	City	ED			ADL testing in the Phase 2.2 project area was completed in June 2000. Recommended to use DTSC Variance to rebury ADL laden soils.
ECR	Measure HAZ-5: In the event that asbestos is determined to be present within existing structures to be demolished during project construction, such activities shall comply with the asbestos NESHAP which specifies work practices to be followed during demolitions and renovations of all structures, installations, and buildings. For all on-site structures scheduled for renovation or demolition, the Phase 1 ESA preparer shall conduct sampling and laboratory analyses on suspect materials to determine the presence of asbestos containing materials. If asbestos containing materials are identified, means for their proper removal and disposal shall be identified and implemented.	City	ED			
ECR	Stormwater Runoff and Water Quality Measure WQ-9: A spill prevention and countermeasure plan shall be developed identifying proper storage, collection, and disposal measures for pollutants used on-site. No-fueling zones shall be indicated on grading plans and shall be situated at least 30.5 meters (100 ft) from natural drainage ways.	Resident Engineer	ED			

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Subject	Task & Brief Description	Responsible Party	Reference	Task Complete- Y/N & Initials	Task Complete - Date	Comments
ECR	Measure WQ-10: The City shall develop and implement a Stormwater Data Report which identifies permanent stormwater runoff treatment BMPs to minimize the effects of increased impermeable surfaces, reduce stormwater runoff and increase infiltration. Permanent stormwater runoff BMPs shall include erosion control and sediment/contaminant removal controls including biofiltration swales and strips, infiltration basins and detention basins as well as revegetation and/or non-erodible landscaping of temporarily disturbed areas.	Resident Engineer	ED			
ECR	<u>Utilities, Emergency Services, and Public Safety</u> Measure UT/ES-1: The City or its contractors will coordinate with the Placerville Police Department, the El Dorado County Fire District and the California Highway Patrol through the Construction Zone Enhanced Enforcement Program (COZEEP) to ensure lane closures and construction activities will not hinder emergency response.	Contractor	ED			
ECR	<u>Biological Resources</u> Measure BIO-1: Prior to the initiation of land disturbing activities, all areas within the construction zone and staging areas shall be surveyed for the presence of oak trees. All practicable means of avoiding oak tree disturbance shall be considered and any oak trees within the construction zone and staging areas that can be practicably avoided during construction shall be identified and fenced.	Environmental Coordinator	ED			
ECR	Measure BIO-2: All native oak trees to remain in place and located within 25 ft of ground disturbances shall be temporarily fenced with orange plastic construction (exclusion) fencing throughout all grading and construction activities. The exclusion fencing shall be installed 6 ft outside the dripline of each specimen tree, and shall be staked a minimum of every 6 ft. The fencing is intended to prevent equipment operations in the proximity of protected trees that may compact soil, crush roots, or collide with the tree trunk and/or overhanging branches.	Environmental Coordinator	ED			

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CONSTRUCTION						
Subject	Task & Brief Description	Responsible Party	Reference	Task Complete- Y/N & Initials	Task Complete - Date	Comments
ECR	Make sure your commitments are being met while in construction. Communicate with RE and/or ECL.	Environmental Coordinator / Resident Engineer / ECL	ECR			
ECR	<u>Air Quality</u> Fugitive dust control measures shall be implemented by the City's construction contractors which achieve the requirements of El Dorado Air Quality Management District Rule 223-1, Fugitive Dust – Construction, Bulk Material Handling, Blasting, Other Earthmoving Activities and Carryout and Trackout Prevention (EDAQMD, 2005). The contractor shall implement dust control best management practices (BMPs) during all construction phases including but not limited to the following measures:	Resident Engineer	ED			
ECR	Measure AC-1: During clearing, grading, earth-moving, and excavation operations, fugitive dust emissions shall be controlled by regular watering, paving of construction roads, or other dust-preventive measures.	Resident Engineer	ED			
ECR	Measure AC-2: All material excavated or graded shall be sufficiently watered to prevent excessive amounts of dust. Watering, with complete coverage, shall occur at least twice daily, preferably in the late morning and after work is done for the day.	Resident Engineer	ED			
ECR	Measure AC-3: When sustained wind speeds result in visible dust emissions in excess of the criteria specified at EDAQMD Rule 223-1.4(A), despite the application of dust control measures, grading and use of water trucks shall be suspended.	Resident Engineer	ED			
ECR	Measure AC-4: All trucks hauling dirt, sand, soil, or other loose materials shall be covered or shall maintain at least 2 feet of freeboard (i.e., the minimum vertical distance between top of the load and the trailer in accordance with the requirements of California Vehicle Code Section 23114).	Resident Engineer	ED			
ECR	Measure AC-5: The area disturbed by demolition, clearing, grading, earth-moving, and excavation operations shall be minimized at all times.	Resident Engineer	ED			
ECR	Measure AC-6: Nontoxic soil stabilizers shall be applied according to manufacturer's specifications to all inactive construction areas (if previously graded areas inactive for 10 days or more).	Resident Engineer	ED			
ECR	Measure AC-7: All operators shall limit the speed of construction vehicles as necessary to prevent visible dust emissions in excess of the criteria specified at EDAQMD Rule 223-1.4(A).	Resident Engineer	ED			

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Subject	Task & Brief Description	Responsible Party	Reference	Task Complete- Y/N & Initials	Task Complete - Date	Comments
ECR	Measure AC-8: Paved streets adjacent to construction areas shall be swept or washed at least once a day to remove accumulated dust.	Resident Engineer	ED			
ECR	Measure AC-9: Heavy-duty earth-moving, stationary, and mobile equipment shall be maintained in optimum running conditions, which can result in 5 percent fewer emissions.	Resident Engineer	ED			
ECR	Measure AC-10: The prime contractor shall provide a plan for approval by EDCAQMD, demonstrating that heavy-duty (i.e., greater than 50 horsepower) vehicles to be used on the project site and operated by either the prime contractor or any subcontractor achieve, at a minimum, a fleet-averaged 20 percent nitrogen oxide (NOx) reduction and 45 percent particulate reduction compared to the most recent CARB fleet average at time of construction.	Resident Engineer	ED			
ECR	Measure AC-11: The prime contractor shall ensure that emissions from all diesel-powered equipment used on the project site do not exceed 40 percent opacity for more than 3 minutes in any 1-hour period. Any equipment found to exceed 40 percent opacity (or Ringelmann 2.0) shall be repaired immediately, and EDCAQMD shall be notified within 48 hours of identification of non-compliant equipment. As an enforcement component of the measure, the prime contractor shall agree to periodic visual inspections of all in-operation equipment by the City or its agents.	Resident Engineer	ED			
ECR	Measure AC-12: At least 48 hours prior to the use of subject heavy-duty off-road equipment, the City shall provide EDCAQMD with the anticipated construction timeline including start date, and name and phone number of the project manager and on-site foreman.	Resident Engineer	ED			
ECR	Measure AC-13: The prime contractor shall use aqueous emulsified fuel, which the CARB has verified to have the greatest NOx and PM10 reduction benefit available.	Resident Engineer	ED			
ECR	Noise Measure NOI-1: Construction noise levels shall comply with applicable local, state and federal regulations and all equipment shall be fitted with adequate mufflers according to the manufacturer's specifications.	Resident Engineer	ED			

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Subject	Task & Brief Description	Responsible Party	Reference	Task Complete- Y/N & Initials	Task Complete - Date	Comments
ECR	Hazardous Materials Measure HAZ-6: The construction contractor shall prepare a project-specific Lead Complain Plan to minimize worker exposure to lead-impacted soils. Further, the soil excavated from the surface to 1.0 feet must either be disposed of as a California hazardous waste, or reused onsite in accordance with the Department of Toxic Substance Control Variance (as Caltrans Type Y1 material) and must be covered with at least one foot of non-hazardous soil. Underlying soil (i.e. deep than 1.0 feet) where excavated and managed separately would not be classified as a California hazardous waste.	Contractor	ED			
ECR	Measure HAZ-7: In the event that NOA is found to be present, the City's contractors shall be required to comply with El Dorado County's Naturally Occurring Asbestos & Dust Protection Ordinance and associated control measures enforced in El Dorado County at the time the project undergoes construction. The City shall prepare an Asbestos Hazard Dust Mitigation Plan (HDMP) to protect the public's health by minimizing the potential for release of asbestos dust emissions during and after construction activities.	Contractor	ED			
ECR	Measure HAZ-8: The City shall require that all construction contractors make efforts to reduce the production of hazardous wastes during construction, such as using nonhazardous substances when available, minimizing the amount of hazardous materials used for the project, and recycling and filtering hazardous materials.	Contractor	ED			
ECR	Measure HAZ-10: Guardrail posts that exceed the regulatory limits will require disposal in landfills that accept treated wood.	Contractor	ED			
ECR	Measure HAZ-11: To avoid impacts from pavement striping during construction the City shall provide testing and removal requirements for yellow striping and pavement marking materials in accordance with Caltrans Standard Special Provision 15-300 REMOVE TRAFFIC STRIPE AND PAVEMENT MARKINGS.	Contractor	ED			

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Subject	Task & Brief Description	Responsible Party	Reference	Task Complete- Y/N & Initials	Task Complete - Date	Comments
ECR	Measure HAZ-12: Any leaking transformers observed during the course of the project should be considered a potential polychlorinated biphenyl (PCB) hazard. Should transformers require relocation or should leaks from electrical transformers (that will either remain within the construction limits or will require removal and/or relocation) be encountered during construction, the transformer fluid should be sampled and analyzed by qualified personnel for detectable levels of PCB's. Should PCBs be detected, the transformer should be removed and disposed of in accordance with the appropriate regulatory agency. Any stained soil encountered below electrical transformers with detectable levels of PCB's should also be handled and disposed of in accordance with the appropriate regulatory agency.	Contractor	ED			
ECR	Stormwater Runoff and Water Quality Measure WQ-1: Grading and excavation activities shall be limited to the immediate area required for construction.	Contractor	ED			
ECR	Measure WQ-2: Stockpiled topsoil shall be placed in disturbed areas outside of natural drainage ways. Stockpile areas shall be designated on project grading plans.	Contractor	ED			
ECR	Measure WQ-3: No construction equipment or vehicles shall disturb natural drainageways without temporary or permanent culverts in place. Construction equipment and vehicle staging areas shall be placed on disturbed areas and shall be identified on project grading plans.	Contractor	ED			
ECR	Measure WQ-4: If construction activities are conducted during the winter or spring months, storm runoff shall be regulated by temporary on-site detention basins.	Contractor	ED			
ECR	Measure WQ-5: Temporary erosion control measures (such as silt fences, staked straw bales, and temporary revegetation) shall be employed for disturbed slopes until permanent revegetation is established.	Contractor	ED			
ECR	Measure WQ-6: No disturbed surfaces shall be left without erosion control measures during the winter and spring months, including topsoil stockpiles.	Contractor	ED			
ECR	Measure WQ-7: Sediment shall be retained on-site by a system of sediment basins, traps, or other appropriate measures.	Contractor	ED			

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Subject	Task & Brief Description	Responsible Party	Reference	Task Complete- Y/N & Initials	Task Complete - Date	Comments
ECR	Measure WQ-8: Energy dissipaters shall be employed where drainage outlets discharge into areas of erodible soils or natural drainage ways. Temporary dissipaters shall be used for temporary storm runoff outlets during the construction phase.	Contractor	ED			
ECR	Biological Resources Measure BIO-3: Trees to be impacted shall be limited to only those necessary for (i.e., that can not be avoided by) the roadway improvement. Trees that are not within the direct alignment of project facilities or for which removal is not necessary due to safety issues shall be avoided.	Contractor	ED			
ECR	Measure BIO-4: To the extent feasible, topsoil containing native seed stock shall be stockpiled separately from subsoils. The soils shall be used during revegetation upon completion of construction activities.	Contractor	ED			
ECR	Measure BIO-5: No construction equipment shall be parked, stored or operated within 6 ft of any specimen tree dripline.	Contractor	ED			
ECR	Measure BIO-13: During project activities, all trash that may attract predators shall be properly contained, removed from the work site, and disposed of regularly.	Contractor	ED			
ECR	Measure BIO-14: All refueling, maintenance, and staging of equipment and vehicles shall occur at least 60 feet from riparian habitat or water bodies and not in a location from where a spill would drain directly toward aquatic habitat. The monitor shall ensure contamination of habitat does not occur during such operations. Prior to the onset of work, the City will ensure that a plan is in place for prompt and effective response to any accidental spills. All workers shall be informed of the importance of preventing spills and of the appropriate measures to take should a spill occur.	Contractor	ED			
ECR	Measure BIO-15: Project sites that are temporarily impacted shall be revegetated with an assemblage of native riparian, wetland, and upland vegetation suitable for the area. Locally collected plant materials shall be used to the extent practicable. Invasive, exotic plants will be controlled to the maximum extent practicable. This measure will be implemented in all areas disturbed by activities associated with the project, unless the City determines that it is not feasible or practical.	Contractor	ED			

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Subject	Task & Brief Description	Responsible Party	Reference	Task Complete- Y/N & Initials	Task Complete - Date	Comments
ECR	Measure BIO-20: To ensure that diseases are not conveyed between work sites by the biologist, the fieldwork code of practice developed by the Declining Amphibian Populations Task Force shall be followed at all times.	Contractor	ED			
ECR	<p>Measure BIO-22: To ensure compliance with the Migratory Bird Treaty Act and California Department of Fish and Game Code, vegetation removal and initiation of construction activities should not occur during the nesting season (defined as February 15 – August 31). If this is not possible and vegetation removal or initiation of work is to occur during the nesting season, a pre-construction survey will be required. The pre-construction survey shall be performed by a qualified biologist, to determine the presence of nesting birds and ensure active nests are not directly or indirectly impacted during construction. The pre-construction survey area will include the limits of the project impact area plus a 500-foot buffer. If work is planned to begin during the nesting season (February 15 – August 31), all vegetation removal shall be completed within two weeks of the nesting survey where the survey determines no active nests are present.</p> <p>If the nest of a protected bird is found, the perimeter shall be flagged and a qualified biologist will coordinate with USFWS and CDFW to determine an appropriate buffer distance from construction to ensure protection of the nest. The contractor shall stop work in the nesting area and is prohibited from conducting work that could disturb the nesting birds until the buffer is established (as determined by the project biologist in coordination with resource agencies). The buffer shall remain in the protected area until the biologist has determined that nesting activities are complete.</p>	Resident Engineer	ED			

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Subject	Task & Brief Description	Responsible Party	Reference	Task Complete- Y/N & Initials	Task Complete - Date	Comments
ECR	Measure BIO-24: The City and its contractor(s) shall avoid introduction of invasive species into the project area through implementation of the following measures: <ul style="list-style-type: none"> Educate construction supervisors on weed identification and the importance of controlling and preventing the spread of invasive species; Locally collected plant materials and certified weed-free native seed mixes will be used to the extent practicable; Invasive, exotic plants will be controlled to the maximum extent practicable; Plants selected for revegetation shall be appropriate for the BSA and will not include any noxious or invasive weeds; and Regular inspection and cleaning of construction equipment. 	Contractor	ED			
ECR	Cultural and Historical Resources Measure CR-1: Any and all potential archaeological resources discovered during construction shall be examined by a qualified archaeologist, who shall examine the findings, assess their significance, and offer recommendations for appropriate handling procedures.	Environmental Coordinator / Contractor	ED			
	Measure CR-2: In the event that unanticipated cultural or paleontological resources (including structural features, unusual amounts of bone or shell, artifacts, human remains, or architectural remains) are encountered during construction, all earthmoving activity shall cease until the City retains the services of a qualified archaeologist. The archaeologist or paleontologist shall examine the findings, assess their significance, and offer recommendations for procedures deemed appropriate to either further investigate or mitigate adverse impacts to those cultural or paleontological archaeological resources that have been encountered (e.g., excavate the significant resource).	Environmental Coordinator / Contractor	ED			

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Subject	Task & Brief Description	Responsible Party	Reference	Task Complete- Y/N & Initials	Task Complete - Date	Comments
ECR	Measure CR-3: If human bone, or bones of unknown origin, is found during project construction, all work shall stop in the vicinity of the find and the El Dorado County Coroner shall be contacted immediately. If the remains are determined to be Native American, the Coroner shall notify the Native American Heritage Commission, who shall notify the person it believes to be the most likely descendant. The most likely descendant shall work with the City to develop a program for reinterment of the human remains and any associated artifacts. No additional work shall take place within the immediate vicinity of the find until the identified appropriate actions have been completed.	Environmental Coordinator / Contractor	ED			
ECR	Visual Resources Measure VR-1: The City shall require that the construction contractor maintain and utilize designated staging areas for all materials and equipment storage when not in use. Project construction personnel shall be required to park in designated areas. All construction debris shall be collected on a daily basis and stored in an appropriate and less visible area within each staging area or other designated area.	Contractor	ED			
ECR	Measure VR-2: Project landscaping shall be installed immediately upon completion of facilities installation. For areas in which ultimate project landscaping would require a period of greater than three years to mature and provide adequate coverage of disturbed areas, an interim landscaping plan shall be developed and implemented which, at a minimum, establishes low-lying vegetative coverage of all disturbed areas.	Contractor	ED			
ECR	Human Environment Measure HE-1: The City shall coordinate construction timing, parking space closures, and adjacent business parking space sharing as practicable. To ensure that impacts to commercial property parking capacity during construction are minimized, the City will coordinate construction timing, parking space closures, and adjacent business parking space sharing as practicable. Impacts to permanent parking stall capacity under Alternatives C and D at 47 Fair Lane would be minimized by developing a restriping for compact vehicles.	City	ED			
ECR	Measure HE-2: The City shall coordinate with the Placerville Union Elementary School District and the El Dorado Union High School District prior to and during construction to facilitate bus rerouting and the identification of alternative stop locations.	City	ED			

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POST-CONSTRUCTION						
Subject	Task & Brief Description	Responsible Party	Reference	Task Complete- Y/N & Initials	Task Complete - Date	Comments
ECR	Review task completion of ECR.	Environmental Coordinator	ECR			
CCA	Certificate of Environmental Compliance must be signed at Contract Completion and Acceptance (CCA). It is located on Tab 3 of this spreadsheet.	Environmental Construction Liaison/ Resident Engineer	Caltrans Environmental Process			
ECR	Biological Resources Measure BIO-6: Protected trees that are removed and/or damaged (more than 25 percent of root zone disturbed) shall be replaced at a replacement-to-loss ratio of 3:1 for each specimen measuring greater than 6 inches in diameter at breast height (approximately 4.5 ft above ground surface). Implementation of this mitigation measure will require the planting of acorns (three per planting hole) or installation of one-gallon container stock.	Environmental Coordinator / Contractor	ED			
ECR	Measure BIO-7: Seeds (acorns) and/or container-grown plants shall be obtained from within the BSA when feasible or alternatively from contract-growers using locally occurring native plants. Advance notice shall be given to the suppliers or growers to ensure that the required species are ready at the proposed planting time. To enhance survival rates, tree plantings should be from liners or cuttings. Plant material in containers larger than one-gallon cans should be avoided, if possible.	Environmental Coordinator / Contractor	ED			
ECR	Measure BIO-8: A monitoring program will be implemented. The revegetation areas will be monitored weekly for the first two weeks; followed by monthly monitoring for three months; and then quarterly monitoring for the next 12 months unless success criteria are met earlier. After the first year, tree and shrub species will be monitored on an annual basis for a period of five years. Monitoring will continue until performance standards are met.	Environmental Coordinator / Contractor	ED			
ECR	Measure BIO-13: Following construction, all trash and construction debris shall be removed from work areas.	Environmental Coordinator / Contractor	ED			

D-3 ENVIRONMENTAL COMMITMENTS RECORD (ECR)

Subject	Task & Brief Description	Responsible Party	Reference	Task Complete- Y/N & Initials	Task Complete - Date	Comments
ECR	Measure BIO-23: A revegetation/habitat restoration plan shall be implemented to compensate for vegetation losses. Herbaceous species will recover within one growing season, while shrub and tree species will require several years to mature.	Environmental Coordinator / Contractor	ED			
ECR	Measure BIO-24: The City and its contractor(s) shall avoid introduction of invasive species into the project area through conducting a follow-up survey of the construction area to verify that construction activities have not resulted in the introduction of new invasive species.	Environmental Coordinator / Contractor	ED			