

Mitigation Monitoring and Reporting Program (MMRP)				
Mitigation/Avoidance Measure	Method(s) of Verification	Timing of Verification	Monitoring Responsibility	Verification (Date/Initials) and Remarks
<b>Biological Resources</b>				
<p><b>BIO-1</b> Prior to issuance of a grading permit, the applicant shall perform a preconstruction survey that shall be conducted within 30 days prior to ground disturbance to avoid direct take of burrowing owls. If the results of the survey indicate that no burrowing owls are present on-site, no additional measures are required. If burrowing owls are found to be present or nesting on-site during the preconstruction survey, then the following recommendations must be adhered to: Exclusion and relocation activities may not occur during the breeding season, which is defined as March 1 through August 31, with the following exception: From March 1 through March 15 and from August 1 through August 31 exclusion and relocation activities may take place if it is proven to the Lead Agency and/or appropriate agencies (if any) that egg laying or chick rearing is not taking place. This determination must be made by a qualified biologist. This measure may be modified as necessary to meet conditions of any required regulatory permits.</p>	Biologist compliance documentation	Prior to issuance of grading permit. Preconstruction survey within 30 days prior to ground disturbance. Monitoring during construction, if needed.	City oversight of Contractor / Contractor Biologist	
<p><b>BIO-2</b> Prior to work within riparian/riverine or other jurisdictional waters, the City shall obtain all required regulatory agency permits and approvals. If temporary and/or permanent impacts to riparian/riverine habitat cannot be avoided, a Determination of Biologically Equivalent or Superior Preservation (DBESP) shall be prepared pursuant to the Wildlife Agencies' requirements. The DBESP shall be submitted to the Wildlife Agencies for a 60-day review and response period. The City shall maintain a written record of determinations that shall be included in any required annual reporting documentation. The City or City's consultant shall also initiate the required pre-application requirements with the applicable regulatory agencies and obtain all required permits. Mitigation for impacts to riparian/riverine resources and jurisdictional waters shall either be completed through applicant sponsored mitigation, purchase of mitigation credits, or payment of in lieu fees to an agency approved entity or mitigation bank. A minimum replacement ratio of 1:1 shall be required for all permanent impacts. This measure may be modified as necessary to meet conditions of any required regulatory permits.</p>	Regulatory permits and/or approvals	Prior to and during construction within jurisdictional waters. Permit compliance close-out post construction.	City / City Biologist, Environmental Consultant and/or Contractor	

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<p><b>BIO-3</b> Bird nesting season generally extends from February 1 through September 15 in southern California and specifically, April 15 through August 31 for migratory passerine birds. In general, Projects should be constructed outside of this time to avoid impacts to nesting birds. If the Project cannot be constructed outside of nesting season, the project site shall be surveyed for nesting birds by a qualified avian biologist within five (5) days prior to initiating the construction activities. If active nests are found during the pre-construction nesting bird surveys, a Nesting Bird Plan will be prepared and implemented which at a minimum will include guidelines for addressing active nests, establishing buffers, monitoring, and reporting. The Nesting Bird Plan will include a copy of maps showing the location of all nests and an appropriate buffer zone around each nest sufficient to protect the nest from direct and indirect impact. The size and location of all buffer zones, if required, shall be determined by the biologist, and shall be based on the nesting species, its sensitivity to disturbance, and expected types of disturbance. The nests and buffer zones shall be field checked weekly by a qualified biological monitor. The approved buffer zone shall be marked in the field with construction fencing, within which no vegetation clearing or ground disturbance shall commence until the qualified biologist has determined the young birds have successfully fledged and a monitoring report has been submitted reviewed and approved by the City of Beaumont. This measure may be modified as necessary to meet conditions of any required regulatory permits.</p>	Biologist compliance documentation	Prior to and potentially during construction within applicable work window	City oversight of Contractor / Contractor Biologist	
<b>Cultural Resources</b>				
<p><b>CUL-1</b> Archeological Resources. Prior to issuance of a grading permit or construction permit (requiring earthwork), the City shall verify that the name and contact information of an on-call archeological monitor meeting Secretary of Interior standards is included in the resident engineer file or on the construction plans along with the following note: "In the event that an archeological cultural resource or Native American cultural resource is discovered during project activities, all earthwork within a 50-foot buffer shall cease and the qualified archaeologist shall be notified immediately to assess the find. Work on other portions of the project outside of the buffer area may continue during this assessment period. If the resource is determined by the archeologist to not be Native American, the archeologist shall make recommendations to the Lead Agency on the measures that shall be implemented to protect the discovered resource(s). In accordance with Section 15064.5 of the CEQA Guidelines, such measures may include but are not</p>	City documentation of on-call archeologist. Additional documentation only in event of discovery	Prior to ground disturbance and during construction	City oversight of Contractor / Contractor Archeologist	

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limited to avoidance, excavation of the finds, collection, evaluation of the materials, additional testing, relocation, and curation. If the resource is determined by the archeologist to be Native American, the San Manuel Band of Mission Indians will be contacted, provided information about the resource, and be permitted/invited to perform a site visit when the archaeologist makes their assessment, so as to provide Tribal input.				
<b>Geology and Soils</b>				
<p><b>GEO-1</b> A paleontological resource impact mitigation program in accordance with the provisions of CEQA and proposed guidelines of the Society of Vertebrate Paleontology shall be implemented as follows:</p> <ol style="list-style-type: none"> <li>1. All earth-moving operations reaching beyond the disturbed surface soils, generally five to six feet in depth within the existing roadbed and two to three feet in depth elsewhere, shall be monitored by a qualified paleontological monitor. The monitor shall be prepared to quickly salvage fossils as they are unearthed to avoid construction delays and shall collect samples of sediments that are likely to contain fossil remains of small vertebrates or invertebrates. The monitor shall have the power to temporarily halt or divert grading and excavator equipment to allow for the removal of abundant or large specimens.</li> <li>2. Collected samples of sediment shall be processed to recover small fossils, and all recovered specimens shall be identified and curated at a repository with permanent retrievable storage.</li> <li>3. A report of findings, including an itemized inventory of recovered specimens, shall be prepared upon completion of the procedures outlined above. The report shall include a discussion of the significance of the paleontological findings, if any. The report and the inventory, when submitted to the City of Beaumont, will signify completion of the program to mitigate potential impacts on paleontological resources.</li> </ol>	City documentation of designated paleontologist. Paleontologist report or other documentation	Prior to ground disturbance and during construction	City oversight of Contractor / Contractor Paleontologist	
<b>Hazards and Hazardous Materials</b>				
<p><b>HAZ-1</b> Soils Management. Subsurface soil sampling shall be conducted for pollutants prior to ground disturbance in unpaved areas within Union Pacific Railroad (UPRR) right-of-way and within unpaved areas along Pennsylvania Avenue between the I-10 eastbound on-ramp and East 6th Street. UPRR areas shall be tested for heavy metals,</p>	Contractor Agreement/ Specifications. Testing results	Prior to ground disturbance and post soil reuse or disposal during	City / Contractor	

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petroleum hydrocarbons, and polynuclear aromatic hydrocarbons. Pennsylvania Avenue areas shall be tested for Aerially Deposited Lead (ADL). If pollutant concentrations are detected below federal and state thresholds, no additional measures are required. If pollutant concentrations are detected above federal or state thresholds, additional measures shall be implemented to safely reuse the soils onsite, or if pollutant levels do not allow for re-use, to safely transport and dispose of offsite pursuant to applicable health and safety regulations. Alternatively, soils in the above mentioned locations that are not tested shall be treated as hazardous waste and removed and disposed of offsite pursuant to applicable health and safety regulations.	and/or disposal receipts	construction		
<b>HAZ-2</b> Yellow Striping. Yellow striping that will be removed within the Project site shall be tested and removed in accordance with Construction Program Procedure Bulletin 99-2 (Caltrans 2006). Alternatively, yellow striping that is not tested prior to removal shall be treated as hazardous waste and removed in accordance with Construction Program Procedure Bulletin 99-2 (Caltrans 2006).	Contractor Agreement/ Specifications. Testing results and/or disposal receipts	Prior to removal of yellow striping during construction	City / Contractor	
<b>Noise</b>				
<b>NOI-1</b> The City shall implement a construction notification plan described herein to keep nearby occupants informed of the Project's construction schedule. Prior to construction activities and within 2 weeks following award and execution of the construction contract, the Contractor shall provide the City with a construction schedule that identifies: (1) start date of construction, (2) anticipated weekly work zones by the estimated date shown on an aerial map (or plan sheet overview), (3) estimated construction completion date and (4) website address for accessing the construction schedule on-line. The construction contractor shall update the schedule at least every two weeks and provide the City's schedule by the following day for posting on the City's website.	Contractor Agreement/ Specifications and Contractor work log	Prior to and during construction	City oversight of Contractor	
<b>NOI-2</b> All construction equipment, stationary and mobile, shall be equipped with properly operating and maintained muffling devices, intake silencers, and engine shrouds no less effective than as initially equipped by the manufacturer. The Contractor shall be required to document compliance in a written and signed statement provided to the City.	Contractor Agreement/ Specifications and Contractor work log	Prior to and during construction	City / Contractor	

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<b>NOI-3</b> The construction contractor shall adequately maintain and tune all construction equipment to minimize noise emissions. The Contractor shall be required to document compliance in a weekly construction log or weekly email provided to the City.	Contractor Agreement/ Specifications and Contractor work log	Prior to and during construction	City / Contractor	
<b>NOI-4</b> The construction contractor shall post a contact name and telephone number of the owner’s authorized representative on-site.	Contractor Agreement/ Specifications and Contractor work log	Prior to and during construction	City / Contractor	
<b>NOI-5</b> Noise-reducing paving materials, such as open-grade or rubberized asphalt, shall be used within the Project limits to reduce permanent traffic noise. Compliance shall be documented by one or more of the following: (1) required materials noted on the construction plans; (2) required materials noted in the specifications; (3) required materials noted in the construction contract; and/or (4) other comparable form of documentation acceptable to the City engineer.	Construction Plans, Specifications, Contract, and/or other	Prior to and/or during construction	City oversight of Contractor	