

RESOLUTION 2026-0031

Adopted by the Sacramento City Council

February 10, 2026

Approval of Preliminary Design and Certification of Subsequent Environmental Impact Report for the Two Rivers Trail Phase III Project (T15225400)

BACKGROUND

- A. The Two Rivers Trail Phase III Project (T15225400) advances the City's long-term vision for a continuous riverfront trail by completing the remaining segment evaluated conceptually in the Phase II EIR. The Project also expands upon the Phase II analysis to include interim connections to the River District with Phase III improvements and long-term, future phased trail improvements.
- B. On February 4, 2020, the City Council certified the Environmental Impact Report (EIR) and adopted the associated Findings of Fact and Mitigation Monitoring and Reporting Program for the Two Rivers Trail Phase II Project (K15125000) (Resolution No. 2020-0045)(SCH# 2018102058).
- C. During environmental review of the Phase III project, staff determined that the project changes warranted preparation of a Subsequent EIR pursuant to CEQA Guidelines Sections 15162. A Subsequent EIR is appropriate when substantial updates or modifications to a previously analyzed project could:
 - 1. Introduce new potentially significant impacts;
 - 2. Increase the severity of previously identified impacts; or
 - 3. Reflect changes in the circumstances under which the project would occur.
- D. The introduction of new facilities, including the pedestrian overcrossing of the Union Pacific Railroad (UPRR) and the trail undercrossing of State Route 160 resulted in new or refined impacts related to aesthetics, biological resources, cultural resources, hazardous materials, and tribal cultural resources. These impacts were fully evaluated in the Two Rivers Trail Phase III Subsequent EIR. All new or increased impacts were reduced to a less than significant level through implementation of mitigation measures. The Two Rivers Trail Phase III Project Mitigation Monitoring and Reporting Program incorporate the project changes and updated mitigation measures from the previously certified Phase II EIR Findings of Fact. The previously certified Phase II EIR Statement

of Overriding Considerations continue to satisfy CEQA requirements for the Phase III project.

- E. City staff completed a preliminary engineering plan of the proposed trail and has completed a Subsequent EIR for the Two Rivers Trail Phase III Project addressing potential environmental impacts beyond what have already been addressed in the Two Rivers Trail Phase II EIR analysis. Council approval of preliminary engineering plans and adoption of the Subsequent EIR is required to begin the right-of-way and final design phases.

BASED ON THE FACTS SET FORTH IN THE BACKGROUND, THE CITY COUNCIL RESOLVES AS FOLLOWS:

SECTION 1.

The City Council finds that the Subsequent Environmental Impact Report for the Two Rivers Trail Project Phase III (herein "SEIR") which consists of the Draft EIR and the Final EIR (Response to Comments) (collectively the "SEIR") has been completed in accordance with the requirements of the California Environmental Quality Act (CEQA), the State CEQA Guidelines and the Sacramento Local Environmental Procedures.

SECTION 2.

The City Council certifies that the SEIR was prepared, published, circulated and reviewed in accordance with the requirements of CEQA, the State CEQA Guidelines and the Sacramento Local Environmental Procedures, and constitutes an adequate, accurate, objective and complete Final Environmental Impact Report in full compliance with the requirements of CEQA, the State CEQA Guidelines and the Sacramento Local Environmental Procedures. The City Council further certifies that none of the comments made during or after the public review period, none of the oral or written testimony presented during the City Council meeting considering the project, and none of the other information presented to the City on the project and the SEIR include significant new information requiring recirculation of some or all of the SEIR pursuant to CEQA Guidelines section 15088.5.

SECTION 3.

The City Council certifies that the SEIR has been presented to it, that the City Council has reviewed the SEIR, staff reports, and all other pertinent documentation related to the preparation of the SEIR, and has considered the information contained in the SEIR and associated documents prior to acting on the proposed Project, and that the SEIR reflects the City Council's independent judgment and analysis.

SECTION 4.

Pursuant to CEQA Guidelines Sections 15091, and in support of its approval of the Project, the City Council adopts the attached Mitigation Monitoring and Reporting Program in support of approval of the Project as set forth in the attached Exhibit A of this Resolution. Because the adoption of all feasible mitigation measures has mitigated all significant effects on the environment associated with the project to a less than significant level, the City Council need not, as a legal matter, consider the feasibility of alternatives, as set forth in the EIR. The City Council nevertheless has determined that the alternatives as described in the EIR are infeasible. Further, because all potentially significant impacts have been reduced to a less-than significant level. A statement of overriding considerations is not required.

SECTION 5.

In anticipation of approving the project, the City Council hereby adopts and incorporates into the project all of the mitigation measures for the project that are within the responsibility and jurisdiction of the City that are identified in the Mitigation Monitoring and Reporting Program. Pursuant to CEQA section 21081.6 and CEQA Guidelines section 15091, and in support of its approval of the Project, the City Council adopts the Mitigation Monitoring and Reporting Program to require all reasonably feasible mitigation measures be implemented by means of Project conditions, agreements, or other measures, as set forth in the Mitigation Monitoring and Reporting Program as set forth in Exhibit B of this Resolution.

SECTION 6.

The City Council directs that, upon approval of the Project, the City Manager shall file a notice of determination with the County Clerk of Sacramento County and, if the Project requires a discretionary approval from any state agency, with the State Office of Planning and Research, pursuant to the provisions of CEQA Guidelines section 21152.

SECTION 7.

Pursuant to Guidelines section 15091(e), the documents and other materials that constitute the record of proceedings upon which the City Council has based its decision are located in and may be obtained from, the Office of the City Clerk at 915 I Street, Sacramento, California. The City Clerk is the custodian of records for all matters before the City Council.

SECTION 8.

Preliminary plans for Two Rivers Trail Project Phase III (T15225400) are approved.

TABLE OF CONTENTS:

Exhibit A – Mitigation Monitoring and Reporting Program

Adopted by the City of Sacramento City Council on February 10, 2026, by the following vote:

Ayes: Members Dickinson, Guerra, Jennings, Kaplan, Maple, Pluckebaum, Talamantes, and Vang

Noes: None

Abstain: None

Absent: Mayor McCarty

Attest:  02/20/2026

Mindy Cuppy, City Clerk

The presence of an electronic signature certifies that the foregoing is a true and correct copy as approved by the Sacramento City Council.

Task and Brief Description	Timing	Responsible Party	Completed	Initials	Notes (optional)
Aesthetics					
<p>AES-1: As required under Policy 7.22 of the American River Parkway Plan (ARPP), the undercrossing of SR-160 design will utilize appropriate colors, textures, and scale to blend into the setting and minimize potential contrast with the natural and recreational character of the Parkway. Design for the proposed bridge structure over UPRR will comply with Policy 7.25 of the ARPP: Development immediately adjacent to the Parkway shall respect the intent of the Parkway goals by reducing visual impacts through context sensitive site planning and building design.</p>	Prior to construction	City of Sacramento	<input type="checkbox"/>	_____	
<p>AES-2: The City shall comply with City Code section 12.56.040 by establishing a replacement plan for any City trees that must be removed. The City shall plant additional trees where feasible. The exact number of trees and locations shall be determined during final design. The tree removal and replacement plan is subject to approval by the City Council. Any trees that will be removed within County right of way or designated bounds of the American River Parkway shall comply with County Code chapter 19.12. County tree removal and replacement is subject to approval and coordination with the Director of Regional Parks.</p>	Prior to construction	City of Sacramento	<input type="checkbox"/>	_____	
<p>AES-3: Lighting design will comply with local standards in order to minimize light and glare impacts on surrounding sensitive users. Lighting fixtures will be selected to minimize light pollution into the adjacent residences and skies, while taking into account safety needs.</p>	Prior to construction	City of Sacramento	<input type="checkbox"/>	_____	
Air Quality					
<p>AIR-1: Implement Construction-related Emission Control Practices:</p> <p>The City shall ensure that the construction contractor implements all basic construction emission control practices and requirements of SMAQMD Rule 403 during trail construction activities, including the following:</p> <ul style="list-style-type: none"> Water all exposed surfaces a minimum of two times daily and as-needed to control fugitive dust. Exposed surfaces include, but are not limited to soil piles, graded areas, unpaved parking areas, staging areas, and access roads. 	During construction	City of Sacramento/ Contractor	<input type="checkbox"/>	_____	

Task and Brief Description	Timing	Responsible Party	Completed	Initials	Notes (optional)
<ul style="list-style-type: none"> Cover or maintain at least two feet of free board space on haul trucks transporting soil, sand, or other loose material on the site. Any haul trucks that would be traveling along freeways or major roadways should be covered. Use wet power vacuum street sweepers to remove any visible track-out mud or dirt onto adjacent public roads at least once a day. Use of dry power sweeping is prohibited. Limit vehicle speeds on unpaved roads to 15 miles per hour. Minimize idling time either by shutting equipment off when not in use or reducing the time of idling to 5 minutes [required by California Code of Regulations, Title 13, sections 2449(d)(3) and 2485]. Provide clear signage that posts this requirement for workers at the entrances to the site. Maintain all equipment in proper working condition according to manufacturer's specifications. The equipment must be checked by a certified mechanic and determined to be running in proper condition before it is operated. 					
Biological Resources					
<p>Mitigation Measure BIO-1: Conduct Environmental Awareness Training Regarding Special-status Species and Sensitive Habitats prior to Construction</p> <p>The City shall ensure the construction contractor will implement the following actions before and during construction activities:</p> <p>Before any work occurs in the proposed project footprint, including grading and equipment staging, all construction personnel shall participate in an environmental awareness training regarding special-status species and sensitive habitats present in the project limits. The training shall describe sensitive resources (i.e., waters of the U.S. and state, riparian habitat, special-status species and habitat, nesting birds/raptors) to be avoided during project construction and applicable permit conditions identified by state and federal agencies to protect these resources. If new construction personnel are added to the project, they must</p>	<p>Prior to and During construction</p>	<p>City of Sacramento/ Contractor</p>	<p><input type="checkbox"/></p>	<p>_____</p>	

Task and Brief Description	Timing	Responsible Party	Completed	Initials	Notes (optional)
<p>receive the mandatory training before starting work. After being trained, each construction person shall sign-in to document they received the training.</p>					
<p>Mitigation Measure BIO-2: Install Temporary Fencing around Environmentally Sensitive Habitat</p> <p>The City shall ensure the construction contractor will implement the following actions before and during construction activities:</p> <p>Before any ground-disturbing activity occurs within the project footprint, the City shall ensure that temporary construction barrier fencing, silt fencing, and/or flagging is installed between the work area and environmentally sensitive habitat areas (i.e., waters of the U.S. and state, riparian vegetation, special-status species habitat, active bird/raptor nests to be avoided), as appropriate. Construction/maintenance personnel and construction/maintenance activity shall avoid fenced environmentally sensitive areas. The exact location of the fencing and/or flagging shall be determined by the resident engineer coordinating with a qualified biologist, with the goal of protecting sensitive biological habitat and water quality. No ground disturbance or vegetation removal activity shall be allowed until this condition is satisfied. The fencing/flagging shall be checked regularly and maintained until all work is complete. For construction, any required barrier or sediment fencing and a note reflecting this condition shall be shown on the final construction documents.</p>	<p>Prior to and during construction</p>	<p>City of Sacramento/ Contractor</p>	<p><input type="checkbox"/></p>	<p>_____</p>	
<p>Mitigation Measure BIO-3: Prepare and Implement a Storm Water Pollution Prevention Plan, Spill Prevention and Control Plan, and Associated Best Management Practices</p> <p>The City shall require that the construction contractor implement the following BMPs to protect water quality within the American River:</p> <ul style="list-style-type: none"> • Conduct ground-disturbing activities adjacent to the American River during the low-flow period (generally between June 1 and October 15). • Install sediment fencing, fiber rolls, or other equivalent erosion and sediment control measures between the designated work area and the American River, as necessary, to ensure that construction debris and sediment does not inadvertently enter the drainage. The City shall also 	<p>Prior to and during construction</p>	<p>City of Sacramento/ Contractor</p>	<p><input type="checkbox"/></p>	<p>_____</p>	

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<p>cover or otherwise stabilize all exposed soil 48 hours prior to potential precipitation events of greater than 0.5 inch.</p> <ul style="list-style-type: none"> • Immediately after trail construction is complete, all exposed soil shall be stabilized. Soil stabilization may include, but is not limited to, seeding with a native grass seed mix, planting native plants and placement of rock. • No refueling, storage, servicing, or maintenance of equipment shall take place within 100 feet of waters of the U.S. and State. • All machinery used during construction of the project shall be properly maintained and cleaned to prevent spills and leaks that could contaminate soil or water. • Any spills or leaks from construction equipment (i.e., fuel, oil, hydraulic fluid, and grease) shall be cleaned up in accordance with applicable local, state, and/or federal regulations. • Tightly woven fiber netting (no monofilament netting) or similar material shall be used for erosion control or other purposes within the project footprint to ensure that wildlife are not trapped. This limitation shall be communicated to the contractor through the special provisions included in the bid solicitation package. Coconut coir matting and burlap-containing fiber rolls are an example of acceptable erosion control materials. • Before any construction-related ground-disturbing activities, the City shall prepare and implement a Storm Water Pollution Prevention Plan (SWPPP; as required under the SWRCB’s General Construction Permit Order 2009-0009-DWQ [and as amended by most current order(s)]) or a Water Pollution Control Plan (WPCP), as applicable, that includes erosion control measures and construction waste containment measures to ensure that waters of the State are protected during and after project construction. The Plan (a SWPPP or WPCP) shall include site design to minimize offsite storm water runoff that might otherwise affect adjacent waters of the U.S. and State. • The Plan (a SWPPP or WPCP) shall be prepared with the following objectives: (a) to identify pollutant sources, including sources of sediment, that may affect the quality of storm water discharges from the construction of the proposed project; (b) to identify BMPs to reduce or eliminate pollutants in storm water discharges and authorized non-storm water 					

Task and Brief Description	Timing	Responsible Party	Completed	Initials	Notes (optional)
<p>discharges from the project during construction; (c) to outline and provide guidance for BMP monitoring; (d) to identify proposed project discharge points and receiving waters; to address post-construction BMP implementation and monitoring; and (f) to address sedimentation, siltation, and turbidity.</p> <ul style="list-style-type: none"> The SWPPP or WPCP shall also include a spill prevention, control, and countermeasure plan, and applicable hazardous materials business plans, and shall identify the types of materials used for equipment operation (including fuel and hydraulic fluids), and measures to prevent, and materials available to clean up, hazardous material and waste spills. The SWPPP or WPCP shall also identify emergency procedures for responding to spills. 					
<p>Mitigation Measure BIO-4: Return Temporarily Disturbed Areas to Pre-Project Conditions</p> <p>The City shall ensure the construction contractor will implement the following actions before and during construction activities:</p> <p>All temporarily disturbed areas shall be returned to pre-project conditions within one year following completion of construction/maintenance. These areas shall be properly protected from washout and erosion using appropriate erosion control devices including coir netting, hydroseeding, and revegetation.</p>	Prior to and during construction	City of Sacramento/ Contractor	<input type="checkbox"/>	_____	
<p>Mitigation Measure BIO-5: Avoid the Spread of Invasive Plant Species</p> <p>The City shall ensure the following mitigation measures shall be implemented, as appropriate, to avoid the spreading of invasive plant species throughout the project site during construction and maintenance activities, particularly in riparian areas:</p> <ul style="list-style-type: none"> All hay, straw, hay bales, straw bales, seed, mulch, or other material used for erosion control or landscaping on the project site, and all material brought to the site, including rock, gravel, road base, sand, and top soil, shall be free of noxious weed seeds and propagules. Noxious weeds are defined in Title 3, Division 4, Chapter 6, Section 4500 of the California Code of Regulations and the California Quarantine Policy – Weeds. (Food and Agriculture Code, Sections 6305, 6341 and 6461) All equipment brought to the project site for construction shall be thoroughly cleaned of all dirt and vegetation prior to entering the site to 	Prior to and during construction	City of Sacramento/ Contractor	<input type="checkbox"/>	_____	

Task and Brief Description	Timing	Responsible Party	Completed	Initials	Notes (optional)
prevent importing noxious weeds. (Food and Agriculture Code, Section 5401)					
<p>Revised BIO-6: Compensate for Permanent Impacts to Riparian Habitat and Protected Trees</p> <p>The City shall implement the following actions at the completion of construction activities:</p> <p>In accordance with policies stated in the City's General Plan, to compensate for the permanent removal of riparian vegetation associated with the trail construction, the City shall purchase off-site credits at a mitigation bank or replant riparian trees and shrubs at a 3:1 ratio (e.g., 3 acres planted for every 1 acre removed) and a 1:1 ratio for all temporary impacts. The replacement plantings shall consist of a variety of native tree species that occur within the riparian vegetative community along the American River corridor such as live oak, Fremont cottonwood, Oregon ash, boxelder, white alder, arroyo willow, and native shrub species such as narrowleaf willow, California rose, and California blackberry. No long-term management of landscaping or watering beyond that needed to initially establish the plants is anticipated to occur.</p> <p>If an onsite or offsite City-responsible mitigation site is used, the City shall accomplish riparian habitat compensation by implementing the following: after completion of the trail design, the City shall total the number, type, and size of all trees and shrubs to be removed and prepare a planting plan that identifies the location of the riparian mitigation plantings and the number, type, and size of plants. The planting plan shall also describe the irrigation and maintenance required to establish and monitor the planting area. Mitigation plantings will be completed between October 15 and December 31 of the year immediately following when impacts occur.</p> <p>All mitigation plantings will be monitored for 3 years. The survival goals established by CDFW will be adhered to, and if the goals are not met, then the City will be responsible for installing replacement plantings. Replacement plants shall be monitored with the same survival and growth requirements for 3 years following planting. The City will be responsible for planting, replanting, watering, weeding, invasive exotic eradication, and any other practice needed to ensure this goal. An annual status report on the mitigation will be provided to CDFW by December 31 of each year. The report will include the survival, percent cover, and</p>	Prior to and Post construction	City of Sacramento	<input type="checkbox"/>	_____	

Task and Brief Description	Timing	Responsible Party	Completed	Initials	Notes (optional)
<p>height of both tree and shrub species. The number by species of plants and trees replaced, and overview of the re-vegetation effort, and the method used to assess these parameters will also be included. Photographs of the mitigation area will also be included. To ensure success of the mitigation plantings, the City shall prepare and implement an adaptive management plan that identifies specific monitoring tasks, success criteria, and reporting requirements. If mitigation bank credits are purchased, the credits must be purchased at a CDFW-approved site.</p>					
<p>Mitigation Measure BIO-7: Monitor During Ground Disturbance and Vegetation Removal</p> <p>The City shall ensure the construction contractor implement the following actions during construction activities:</p> <p>A qualified biological monitor shall be present during all project activities requiring ground disturbance or vegetation removal within the construction area and shall make weekly monitoring visits to construction/active maintenance areas occurring in or adjacent to environmentally sensitive habitat areas, (i.e., waters of the U.S. and State, riparian vegetation, special-status species habitat, active bird/raptor nests). The biologist shall be responsible for ensuring that the contractor maintains the fencing/flagging protecting sensitive biological resources. Additionally, the biologist shall assist the City and the construction crew in complying with all proposed project implementation restrictions and guidelines as needed.</p> <p>Vegetation less than 3 inches in diameter shall be cleared by hand or small engine weed-eaters or chainsaws. Small material or grasses shall be mowed close to ground with low impact rubber-tired tractors. Vegetation over 3 inches in diameter may require larger equipment such as telescoping chainsaws, hoe-mounted flail mowers, bucket machines to hoist crews and equipment, and crews climbing with chainsaws.</p> <p>To qualify for approval from the USFWS, the biological monitor must be a biologist with demonstrated knowledge of VELB natural history, ecology, and identifying characteristics, as well as demonstrated field experience identifying other listed species. The monitor will be approved by the Sacramento USFWS Office in writing prior to the start of any ground-disturbing activities.</p>	<p>During construction</p>	<p>City of Sacramento/ Contractor</p>	<p><input type="checkbox"/></p>	<p>_____</p>	

Task and Brief Description	Timing	Responsible Party	Completed	Initials	Notes (optional)
<p>Mitigation Measure BIO-8: Avoid Construction Activities within 165 feet of Elderberry Shrubs During Valley Elderberry Longhorn Beetle Flight Season</p> <p>The City shall ensure the construction contractor implement the following actions during construction activities:</p> <p>As much as feasible, all construction activities that could occur within 165 feet (50 meters) of an elderberry shrub, will be conducted outside of the flight season of the VELB (March - July).</p>	During construction	City of Sacramento/ Contractor	<input type="checkbox"/>	_____	
<p>Mitigation Measure BIO-9: Implement Dust Control Measures</p> <p>The City shall ensure the construction contractor implement the following actions during construction activities:</p> <p>The City shall require that the construction contractor implement dust-control measures during all construction activities. These measures may include application of water to graded and disturbed areas that are un-vegetated. To avoid attracting Argentine ants, at no time shall water be sprayed within the driplines of elderberry shrubs).</p>	During construction	City of Sacramento/ Contractor	<input type="checkbox"/>	_____	
<p>Mitigation Measure BIO-10: Prohibit Use of Herbicides and Mowing near Elderberry Shrubs</p> <p>The City shall ensure the construction contractor implement the following actions during construction and maintenance activities:</p> <p>The City shall prohibit the contractor from using insecticides, herbicides, fertilizers, or other chemicals within 95 feet of elderberry shrubs. The City shall prohibit the contractor from conducting mechanical weed removal within the drip-line of the elderberry shrub during the season when adults are active (February - August) and will avoid damaging the elderberry.</p>	During construction	City of Sacramento/ Contractor	<input type="checkbox"/>	_____	
<p>Mitigation Measure BIO-11: Compensate for the Permanent Removal and Temporary Disturbance of Valley Elderberry Longhorn Beetle Habitat</p> <p>The City will purchase mitigation credits for impacts to potential valley longhorn elderberry beetle riparian and mixed scrub habitat in accordance with the USFWS 2017 Framework for Assessing Impacts to the Valley Elderberry Longhorn Beetle (USFWS 2017). The City will coordinate with USFWS to determine the appropriate</p>	Prior to construction	City of Sacramento/ Contractor	<input type="checkbox"/>	_____	

Task and Brief Description	Timing	Responsible Party	Completed	Initials	Notes (optional)																																								
<p>type and amount of compensatory mitigation for all unavoidable adverse impacts to VELB or its habitat.</p> <p>Compensation for Permanent Loss of Habitat: Per the 2017 Framework, the USFWS recommends that the permanent loss of VELB habitat be replaced with habitat that is commensurate with the type (riparian or non-riparian) and amount of habitat lost. Suitable riparian habitat may be replaced, at a minimum of 3:1 for all acres that will be permanently impacted by the project (Table 3.2-4). The USFWS typically recommends that any shrub that will be adversely impacted by the project be transplanted to a USFWS-approved location.</p> <p>Table 3.2-4. Potential Valley Elderberry Longhorn Beetle Habitat-1 Compensation Ratios</p> <table border="1" data-bbox="65 609 1037 1218"> <thead> <tr> <th colspan="7">Approximate Direct Impacts to Potential Habitat</th> </tr> <tr> <th rowspan="2">Habitat Type</th> <th rowspan="2">Compensation Ratio¹</th> <th colspan="3">Approximate Permanent (acres) of Disturbance</th> <th colspan="2">Acres of Credits / Total Credit Purchase²</th> </tr> <tr> <th>Segments 1-2 Alt.1</th> <th>Segments 1-2 Alt. 2</th> <th>Segments 3-6</th> <th>Segments 1-2 Alt.1</th> <th>Segments 1-2 Alt. 2</th> </tr> </thead> <tbody> <tr> <td>Mixed Scrub</td> <td>3:1</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Valley Foothill Riparian</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td></td> <td>0.95</td> <td>0.97</td> <td>0.42</td> <td>2.85/69.51</td> <td>2.91/70.97</td> </tr> </tbody> </table> <p>Notes: 1 acre(s) of credit: acre(s) of disturbance 2 one credit (unit) = 1,800 square feet (0.041 acre)</p> <p>For the purpose of this analysis, both the Valley foothill riparian and mixed scrub community types were considered to be potential riparian habitat for this species. Therefore, the acres of disturbance to these two community types will be mitigated at the 3:1 ratio stated in the USFWS 2017 Framework (as shown in Table 3.2-4).</p>	Approximate Direct Impacts to Potential Habitat							Habitat Type	Compensation Ratio ¹	Approximate Permanent (acres) of Disturbance			Acres of Credits / Total Credit Purchase ²		Segments 1-2 Alt.1	Segments 1-2 Alt. 2	Segments 3-6	Segments 1-2 Alt.1	Segments 1-2 Alt. 2	Mixed Scrub	3:1						Valley Foothill Riparian							Total		0.95	0.97	0.42	2.85/69.51	2.91/70.97					
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<p><u>Temporary Loss of Valley Elderberry Longhorn Beetle Habitat:</u> To appropriately compensate for all individual shrubs that will be impacted by the project, the City shall first consider the location of the plant (riparian or non-riparian) and the potential for the plant to be occupied by VELB (exit holes present, likely occupied). For direct effects to individual shrubs, the City may consider replacing habitat based on the amount of effects that occur, the location of the shrub (riparian or non-riparian), and the presence of exit holes (non-riparian only). Impacts to individual shrubs in riparian areas may be replaced by the purchase of 2 credits at an USFWS-approved bank for each shrub that will be trimmed regardless of the presence of exit holes.</p> <p>For purposes of this analysis, impacts to individual elderberry shrub that result from temporary trimming activities were considered as riparian, and therefore would be mitigated at the 2:1 ratio stated in the USFWS 2017 guidelines. The number of elderberry shrubs requiring transplantation as shown in Table 3.2-5 are included in the amounts described in Mitigation Measure BIO-13: Transplant Elderberry Shrubs.</p> <p>Table 3.2-5. Valley Elderberry Longhorn Beetle Shrub-level Impact Ratios</p> <table border="1"> <thead> <tr> <th></th> <th>Habitat</th> <th>Compensation Ratio</th> <th># of Shrubs to be Trimmed</th> <th>Compensation</th> <th>Total Credit Purchase²</th> </tr> </thead> <tbody> <tr> <td>Segments 1-2 Alt.1</td> <td>Riparian</td> <td>2:1</td> <td>2</td> <td>Transplant the shrub + 2:1 compensation</td> <td>2 shrubs transplanted + 4</td> </tr> <tr> <td>Segments 1-2 Alt. 2</td> <td>Riparian</td> <td>2:1</td> <td>1</td> <td>Transplant the shrub + 2:1 compensation</td> <td>shrub transplanted + 2 cr</td> </tr> <tr> <td>Segments 3-6</td> <td>Riparian</td> <td>2:1</td> <td>48</td> <td>Transplant the shrub + 2:1 compensation</td> <td>49 shrubs transplanted +</td> </tr> <tr> <td>Maintenance</td> <td>Riparian</td> <td>2:1</td> <td>5</td> <td>Transplant the shrub + 2:1 compensation</td> <td>5 shrubs transplanted +</td> </tr> </tbody> </table> <p>Notes: 1 number of credits: number of shrubs trimmed 2 one credit (unit) = 1,800 square feet (0.041 acre)</p>		Habitat	Compensation Ratio	# of Shrubs to be Trimmed	Compensation	Total Credit Purchase ²	Segments 1-2 Alt.1	Riparian	2:1	2	Transplant the shrub + 2:1 compensation	2 shrubs transplanted + 4	Segments 1-2 Alt. 2	Riparian	2:1	1	Transplant the shrub + 2:1 compensation	shrub transplanted + 2 cr	Segments 3-6	Riparian	2:1	48	Transplant the shrub + 2:1 compensation	49 shrubs transplanted +	Maintenance	Riparian	2:1	5	Transplant the shrub + 2:1 compensation	5 shrubs transplanted +					
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Maintenance	Riparian	2:1	5	Transplant the shrub + 2:1 compensation	5 shrubs transplanted +																														

Task and Brief Description	Timing	Responsible Party	Completed	Initials	Notes (optional)
<p>Mitigation Measure BIO-12: Transplant Elderberry Shrubs</p> <p>The City shall ensure the construction contractor implement the following actions during construction activities:</p> <p>USFWS recommends that all loss of elderberry longhorn beetle habitat be replaced with habitat that is commensurate with the type and amount lost under the following conditions:</p> <ul style="list-style-type: none"> • If the elderberry shrub cannot be avoided. • If indirect effects will result in the death of stems or the entire shrub. <p>If the shrub can be avoided, and indirect effects will not result in the death of the entire shrub, individual shrub-level impact compensation is recommended. Placement of the proposed project under Segments 1-2 Alternative 1 would result in temporary impacts (trimming) to 2 elderberry shrubs requiring both to be transplanted according to the 2017 Framework. Segments 1-2 Alternative 2 would result in temporary impacts (trimming) to 1 elderberry shrub (Table 3.2-2), requiring one to be transplanted according to the 2017 Framework. Segments 3-6 would result in temporary impacts (trimming) to 48 shrubs (Table 3.2-2), requiring 48 shrubs to be transplanted according to the 2017 Framework. Operations and maintenance would potentially impact up to 5 shrubs throughout all segments (Table 3.2-2), requiring 5 additional shrubs be transplanted.</p> <p>Removal of entire elderberry plants without disturbance to the surrounding habitat is uncommon but may occur. The removal may either include the roots or just the removal of the aboveground portion of the plant. When possible, the City shall attempt to remove the entire root ball and transplant the shrub. To minimize the fragmentation of VELB habitat, the City will relocate elderberry shrubs as close as possible to their original location. Elderberry shrubs may be relocated adjacent to the project footprint if: 1) the planting location is suitable for elderberry growth and reproduction; and 2) the City is able to protect the shrub and ensure that the shrub appropriate USFWS-approved mitigation site.</p> <p>Any elderberry shrub that is unlikely to survive transplanting because of poor condition or location, or a shrub that would be extremely difficult to move because of access limitations, may not be appropriate for transplanting. The following transplanting guidelines may be used by the City:</p>	Prior to construction	City of Sacramento/ Contractor	<input type="checkbox"/>	_____	

Task and Brief Description	Timing	Responsible Party	Completed	Initials	Notes (optional)
<ul style="list-style-type: none"> • Monitor - A qualified biologist will be on-site for the duration of transplanting activities to assure compliance with avoidance and minimization measures and other conservation measures. • Exit Holes - Exit-hole surveys will be completed immediately before transplanting. The number of exit holes found, global positioning system (GPS) location of the plant to be relocated, and the GPS location of where the plant is transplanted will be reported to the USFWS and to the CNDDDB. • Timing - Elderberry shrubs will be transplanted when the shrubs are dormant (November through the first two weeks in February) and after they have lost their leaves. Transplanting during the non-growing season will reduce shock to the shrub and increase transplantation success. • Transplanting Procedure - Transplanting will follow the most current version of the ANSI A300 (Part 6) guidelines for transplanting (http://www.tcia.org/). • Trimming Procedure - Trimming will occur between November and February and should minimize the removal of branches or stems that exceed 1 inch in diameter. (USFWS 2017) 					
<p>Mitigation Measure BIO-13: Provide Escape Ramps or Cover Open Trenches</p> <p>The City shall ensure the construction contractor implement the following actions during construction activities:</p> <p>To avoid entrapment of wildlife, all excavated steep-walled holes or trenches more than two feet deep will be provided with one or more escape ramps constructed of earth fill or wooden planks at the end of each workday. If escape ramps cannot be provided, then holes or trenches will be covered with plywood or similar materials. Providing escape ramps or covering open trenches will prevent injury or mortality of wildlife resulting from falling into trenches and becoming trapped. The trenches will be thoroughly inspected for the presence of federally listed species at the beginning of each workday. Any species observed shall be allowed to voluntarily move outside of the work area on its own.</p>	Prior to and during construction	City of Sacramento/ Contractor	☐	_____	

Task and Brief Description	Timing	Responsible Party	Completed	Initials	Notes (optional)
<p>Mitigation Measure BIO-14: Conduct Preconstruction Surveys</p> <p>The City shall ensure the construction contractor implement the following actions prior to construction activities:</p> <p>Western Pond Turtle: A qualified biologist shall conduct a preconstruction clearance survey for western pond turtles within 48 hours prior to any ground disturbance within the project footprint. Any western pond turtles found within the construction work area shall be allowed to voluntarily move out of this area or shall be captured and held by a qualified biologist for the minimum amount of time necessary to release them into suitable aquatic habitat outside the construction work area. If a western pond turtle nest containing eggs or young is identified within the construction work area, the biologist shall consult with CDFW to determine an appropriate no-disturbance buffer to ensure avoidance of the nest.</p> <p>Burrowing Owl: A qualified biologist shall conduct a preconstruction survey to locate any active burrowing owl burrows within the BSA or within a 500-foot-wide buffer around the BSA, if feasible. The preconstruction survey shall be conducted in accordance with recommendations provided in CDFW's Staff Report on Burrowing Owl Mitigation (CDFW 2012) and no more than 14 days before the start of construction activities. If no burrowing owls or burrows exhibiting burrowing owl use (i.e., whitewash, owl pellets, feathers, or egg fragments) are detected, then construction may proceed. Preconstruction surveys must be reinitiated if more than 30 days lapse between the survey dates and construction or maintenance activities.</p> <p>If active burrowing owls or occupied burrows are detected in the survey area, occupied burrows shall not be disturbed during the nesting season (generally February 1–August 31) or the wintering season (September 1–January 31). A no-disturbance buffer shall be established around the burrow to avoid disturbance of nesting burrowing owls until a qualified biologist, coordinating with CDFW, determines that the young have fledged and are foraging on their own. The extent of these buffers shall be determined by the biologist (coordinating with the CDFW) and shall depend on the level of noise or construction disturbance, line-of-sight between the nest and the disturbance, ambient levels of noise and other disturbances, and other topographical or artificial barriers.</p> <p>Raptors/Nesting Birds: If construction/maintenance or vegetation removal occur during the breeding season for migratory birds and raptors (generally February</p>	<p>Prior to/during construction</p>	<p>City of Sacramento/ Contractor</p>	<p><input type="checkbox"/></p>	<p>_____</p>	

Task and Brief Description	Timing	Responsible Party	Completed	Initials	Notes (optional)
<p>through August), the City shall retain a qualified biologist to conduct a preconstruction nesting bird and raptor survey prior to the start of construction activities (including equipment staging). The preconstruction nesting bird and raptor surveys shall be conducted between February 1 and August 31 within suitable habitat within the designated project footprint. Surveys for raptors' nests shall also extend 250 feet from the project footprint to ensure that nesting raptors are not affected by construction disturbances. For raptor surveys outside the project footprint where property access has not been granted, the surveying biologist shall use binoculars to scan any suitable nesting substrate for potential raptor nests. The preconstruction survey shall be conducted no more than 14 days before the initiation of construction activities.</p> <p>If an active bird or raptor nest is identified within the construction or maintenance work area or an active raptor nest is identified within 250 feet from the construction work area, a no-disturbance buffer shall be established around the nest to avoid disturbance of the nesting birds or raptors until a qualified biologist determines that the young have fledged and are foraging on their own. The extent of these buffers shall be determined by the biologist (coordinating with the CDFW) and shall depend on the species identified, level of noise or construction disturbance, line-of-sight between the nest and the disturbance, ambient levels of noise and other disturbances, and other topographical or artificial barriers. In addition to the establishment of buffers, other avoidance measures (determined during CDFW coordination) may include monitoring of the nest during construction and restricting the type of work that can be conducted near the nest site. If no active nests are found during the preconstruction surveys, then no additional mitigation is required</p> <p>Bats: During April–September before construction begins, a qualified biologist will survey trees and structures within the project footprint and identify any snags, hollow trees, voids or other trees with cavities that may provide suitable roosting habitat for bats. If evidence of bat usage is observed, a focused species acoustic survey shall be performed to determine the presence and type of bat roost. If no suitable roosting trees are found or the acoustic survey findings are negative, construction may proceed. If bats are found or evidence of use by bats is present, the qualified biologist will work with the City and CDFW to implement measures to avoid or minimize disturbance. Avoidance measures may include excluding bats from the tree before their hibernation period (mid-October to mid-March) and before construction or maintenance begins.</p>					

Task and Brief Description	Timing	Responsible Party	Completed	Initials	Notes (optional)
<p>Mitigation Measure BIO-15: Avoid Loss of Swainson’s Hawk Nests</p> <p>The City shall ensure the construction contractor implement the following actions prior to construction activities:</p> <ul style="list-style-type: none"> For construction or maintenance activities (including vegetation removal and/or other ground disturbance) that need to be conducted during the breeding season (March 1 – July 31), Swainson’s hawk surveys shall include all suitable nesting habitat within line of sight of construction activities within a 0.5-mile radius of the project site. One survey following the guidelines provided in Recommended Timing and Methodology for Swainson’s Hawk Nesting Surveys in the Central Valley (Swainson’s Hawk Technical Advisory Committee 2000) shall be followed for surveys for Swainson’s hawk. If active Swainson’s hawk nests are identified within the project area, preconstruction activity shall cease and CDFW will be contacted. If a Swainson’s hawk nest is identified a no-disturbance buffer shall be established around the nest to avoid disturbance of the nesting Swainson’s hawk until a qualified biologist determines that the young have fledged and are foraging on their own. The extent of these buffers shall be determined by the biologist (coordinating with the CDFW), level of noise or construction disturbance, line-of-sight between the nest and the disturbance, ambient levels of noise and other disturbances, and other topographical or artificial barriers. In addition to the establishment of buffers, other avoidance measures (determined during CDFW coordination) may include monitoring of the nest during construction and restricting the type of work that can be conducted near the nest site. If no active nests are found during the preconstruction surveys, then no additional mitigation is required. 	Prior to construction	City of Sacramento/ Contractor	<input type="checkbox"/>	_____	
<p>Mitigation Measure BIO-16: Obtain Preliminary Jurisdictional Determination and Compensate for Impacts to Waters of the U.S. and State</p> <p>The City shall obtain a Jurisdictional Determination or Preliminary Jurisdictional Determination from the USACE. Based on the determination, the City shall finalize the acreage of impacts to Waters of the U.S. and State based on project footprint and USACE-verified OHWM. If no impacts would occur, no compensation is required. If impacts would occur, the City shall compensate for impacts to Waters</p>	Prior to construction	City of Sacramento	<input type="checkbox"/>	_____	

Task and Brief Description	Timing	Responsible Party	Completed	Initials	Notes (optional)
of the U.S. and State by purchasing credits from a State Water Resources Control Board (SWRCB)- and/or USACE-approved mitigation bank at a minimum ratio of 1:1, or in-lieu fees shall be paid to a SWRCB- and/or USACE-approved fund at a 1:1 replacement ratio to ensure the project would not result in a net loss of Waters of the U.S. and State.					
BRT-1: Every individual working on the Project must attend a biological awareness training session delivered by a biologist. This training program will include information regarding the sensitive habitats and an overview of special-status wildlife species that may be encountered within the work area.	During construction	City of Sacramento/ Contractor	<input type="checkbox"/>	_____	
BRT-2: Prior to the start of construction activities, the Project limits adjacent to the American River and riparian corridor will be marked with flagging, staking, or high visibility fencing to ensure construction will not further encroach into adjacent sensitive resources.	Prior to construction	City of Sacramento/ Contractor	<input type="checkbox"/>	_____	
<p>BRT-3: Best Management Practices will be incorporated into Project design and Project management to minimize impacts on the environment including erosion and the release of pollutants (e.g., oils, fuels):</p> <ul style="list-style-type: none"> • Equipment used in and around jurisdictional waters must be in good working order and free of dripping or leaking contaminants; • All erosion control measures, and storm water control measures will be properly incorporated and maintained; • All construction materials will be hauled off-site after completion of construction. • A chemical spill kit must be kept onsite and available for use in the event of a spill. 	During construction	City of Sacramento/ Contractor	<input type="checkbox"/>	_____	
BRT-4: Secondary containment consisting of plastic sheeting or other impermeable material will be used during refueling to prevent petroleum products or other potentially harmful chemicals from contaminating the soil or directly or indirectly entering the American River and associated riparian corridor. Secondary containment must have a raised edge (e.g. sheeting wrapped around wattles).	During construction	City of Sacramento/ Contractor	<input type="checkbox"/>	_____	

Task and Brief Description	Timing	Responsible Party	Completed	Initials	Notes (optional)
<p>BRT-5: Prior to construction, during the breeding season or non-breeding season, surveys for burrowing owl must be conducted by a biologist in accordance with the 2012 CDFW Staff Report on Burrowing Owl Mitigation (or more recent guidance). Surveys must follow CDFW guidance based on timing of survey efforts (breeding season vs. non-breeding season). If burrowing owl is not detected, no further measures will be required.</p>	Prior to construction	City of Sacramento/ Contractor	<input type="checkbox"/>	_____	
<p>BRT-6: If burrowing owls are detected within 500 feet of the Project area, a 250-foot construction buffer zone will be established and maintained around any occupied burrowing owl burrow. A biologist will monitor the site periodically to ensure that buffers are enforced, and owls are not disturbed. The Project biologist will also train/inform construction personnel on avoidance procedures, buffer zones, and protocols in the event that a burrowing owl flies into an active construction zone. Occupied burrows must not be disturbed until a Project biologist verifies through non-invasive means that either: 1) the birds have not begun egg laying, or 2) juveniles from the occupied burrows are foraging independently and are capable of independent survival. The Project biologist and City will coordinate with CDFW regarding the potential need for burrowing owl mitigation prior to the collapse of presumed unoccupied burrows.</p>	Prior to/ during construction	City of Sacramento/ Contractor	<input type="checkbox"/>	_____	
<p>BRT-7: Work within or near the American River will be scheduled during periods of low water levels or within designated in-water work windows as determined through consultation with the National Marine Fisheries Service. Alternatively, if water is present within the work area, a dewatering system, or containment system will be implemented prior to commencing work to prevent silt, dust, equipment and other deleterious materials from entering the water. Prior to the start of construction of Phase 4 of the Project, an Incidental Take Permit will be obtained from California Department of Fish and Wildlife for permanent impacts to Chinook Salmon and Central Valley Steelhead.</p>	Prior to/ during construction	City of Sacramento/ Contractor	<input type="checkbox"/>	_____	
<p>BRT-8: The Project biologist will complete a clearance survey for northwestern pond turtle immediately prior to initiating work near the American River for the SR-160 undercrossing, as well as initiating clearing/grubbing in the riparian corridor. If a northwestern pond turtle is encountered during construction activities, construction activities will be suspended in a 100-foot radius of the animal until the animal leaves the Project site on its own volition. If necessary, the Project biologist will notify the Wildlife Agencies to determine the appropriate procedures</p>	Prior to construction	City of Sacramento/ Contractor	<input type="checkbox"/>	_____	

Task and Brief Description	Timing	Responsible Party	Completed	Initials	Notes (optional)
related to relocation. Any worker who inadvertently injures or kills a northwestern pond turtle or who finds one dead, injured, or entrapped must immediately report the incident to the Project biologist.					
BRT-9: If vegetation removal or ground disturbance is planned to occur during the nesting season (February 1st–August 31st), the Project biologist will conduct a pre-construction nesting bird survey within 5 days prior to vegetation removal or ground disturbance. Within 2 weeks of the nesting bird survey, all vegetation cleared by the Project biologist will be removed from the Project site.	Prior to construction	City of Sacramento/ Contractor	<input type="checkbox"/>	_____	
BRT-10: During the spring/summer season prior to construction the Project biologist must conduct Swainson’s hawk protocol level surveys within the Project area plus a ½ mile buffer in accordance with CDFW’s guide for Swainson’s Hawk Technical Advisory Committee. Pre-construction surveys will determine if active nests are present within the Project area or within 0.25 mile of Project activities. If an active nest is discovered within the survey area the Project biologist will determine the appropriate avoidance strategies (e.g., monitoring, no-work buffers, work windows, temporary sound/noise barriers, etc.) to avoid take of the nest and will coordinate with CDFW as needed.	Prior to construction	City of Sacramento/ Contractor	<input type="checkbox"/>	_____	
BRT-11: In order to avoid and minimize adverse effects to VELB, removal of elderberry shrubs will occur between November and February.	Prior to construction	City of Sacramento/ Contractor	<input type="checkbox"/>	_____	
BRT-12: Prior to arrival at the Project site and prior to leaving the Project site, construction equipment that may excessive vegetation, debris, or mud that may contain invasive plants and/or seeds will be cleaned to reduce the spreading of noxious weeds.	During construction	City of Sacramento/ Contractor	<input type="checkbox"/>	_____	
BRT-13: All food-related trash must be disposed of in closed containers and transported offsite. Construction personnel must not feed or otherwise attract wildlife to the Project area.	During construction	City of Sacramento/ Contractor	<input type="checkbox"/>	_____	
BRT-14: The contractor will not apply rodenticide or herbicide within the Project area during construction.	During construction	City of Sacramento/ Contractor	<input type="checkbox"/>	_____	

Task and Brief Description	Timing	Responsible Party	Completed	Initials	Notes (optional)
BRT-15: If any wildlife is encountered during the course of construction, said wildlife will be allowed to leave the construction area unharmed.	During construction	City of Sacramento/ Contractor	<input type="checkbox"/>	_____	
BRT-16: The use of plastic or synthetic monofilament netting is prohibited. All erosion control materials will be comprised of natural fibers.	During construction	City of Sacramento/ Contractor	<input type="checkbox"/>	_____	
Cultural Resources/Tribal Cultural Resources					
<p>Mitigation Measure CTR-1: Conduct Cultural Resources and Tribal Cultural Resources Sensitivity and Awareness Training Program Prior to Ground-Disturbing Activities</p> <p>The City shall require the contractor to provide a cultural resources and tribal cultural resources sensitivity and awareness training program (WEAP) for all personnel involved in project construction, including field consultants and construction workers. The WEAP will be developed in coordination with an archaeologist meeting the Secretary of the Interior’s Professional Qualifications Standards for Archaeology, as well as culturally affiliated Native American tribes. The City may invite Native American representatives from interested culturally affiliated Native American tribes to participate. The WEAP shall be conducted before any project-related construction activities begin at the project site. The WEAP will include relevant information regarding sensitive cultural resources and tribal cultural resources, including applicable regulations, protocols for avoidance, and consequences of violating State laws and regulations.</p> <p>The WEAP will also describe appropriate avoidance and impact minimization measures for cultural resources and tribal cultural resources that could be located at the project site and will outline what to do and who to contact if any potential cultural resources or tribal cultural resources are encountered. The WEAP will emphasize the requirement for confidentiality and culturally appropriate treatment of any discovery of significance to Native Americans and will discuss appropriate behaviors and responsive actions, consistent with Native American tribal values.</p>	Prior to and During Construction	City of Sacramento/ Contractor	<input type="checkbox"/>	_____	

Task and Brief Description	Timing	Responsible Party	Completed	Initials	Notes (optional)
<p>Mitigation Measure CTR-2: Implement Avoidance, Minimization, and Preservation Measures Should Cultural or Tribal Cultural Resources Be Discovered During Construction</p> <p>If cultural resources or tribal cultural resources (such as Native American archaeological materials, sacred objects, unusual amounts of bone or shell, artifacts, or human remains and associated objects and materials) are encountered at the project site during construction, work shall be suspended within 100 feet of the find (based on the apparent distribution of cultural materials), and the construction contractor shall immediately notify the project's City representative. Avoidance and preservation in place is the preferred manner of mitigating impacts to cultural resources or tribal cultural resources. This will be accomplished, if feasible, by several alternative means, including:</p> <ul style="list-style-type: none"> • Planning construction to avoid cultural resources or tribal cultural resources, archaeological sites and/or other cultural resources; incorporating cultural resources within parks, green-space or other open space; covering archaeological resources; deeding a cultural resource to a permanent conservation easement; or other preservation and protection methods agreeable to consulting parties and regulatory authorities with jurisdiction over the activity. • Recommendations for avoidance of cultural resources or tribal cultural resources will be reviewed by the City representative, interested culturally affiliated Native American tribes and other appropriate agencies, considering factors such as costs, logistics, feasibility, design, technology and social, cultural and environmental considerations, and the extent to which avoidance is consistent with project objectives. Avoidance and design alternatives may include realignment within the project site to avoid cultural resources or tribal cultural resources, modification of the design to eliminate or reduce impacts to tribal cultural resources or modification or realignment to avoid highly significant features within a cultural resource or tribal cultural resource. • Native American representatives from interested culturally affiliated Native American tribes will be invited to review and comment on these analyses and shall have the opportunity to meet with the City representative and its representatives who have technical expertise to identify and recommend feasible avoidance and design alternatives, so 	During construction	City of Sacramento/ Contractor	<input type="checkbox"/>	_____	

Task and Brief Description	Timing	Responsible Party	Completed	Initials	Notes (optional)
<p>that appropriate and feasible avoidance and design alternatives can be identified.</p> <ul style="list-style-type: none"> If the discovered cultural resource or tribal cultural resource can be avoided, the construction contractor(s), will install protective fencing outside the site boundary, including a 100-foot buffer area, before construction restarts. The boundary of a tribal cultural resource will be determined in consultation with interested culturally affiliated Native American tribes and tribes will be invited to monitor the installation of fencing. Use of temporary and permanent forms of protective fencing will be determined in consultation with Native American representatives from interested culturally affiliated Native American tribes. The construction contractor(s) will maintain the protective fencing throughout construction to avoid the site during all remaining phases of construction. The area will be demarcated as an “Environmentally Sensitive Area”. <p>If a cultural resource or tribal cultural resource cannot be avoided, the following performance standard shall be met prior to continuance of construction and associated activities that may result in damage to or destruction of tribal cultural resources:</p> <ul style="list-style-type: none"> Each resource will be evaluated for California Register of Historical Resources- (CRHR) eligibility through application of established eligibility criteria (California Code of Regulations 15064.636), in consultation with consulting Native American Tribes, as applicable. <p>If a cultural resource or tribal cultural resource is determined to be eligible for listing in the CRHR, the City will avoid damaging effects to the resource in accordance with California PRC Section 21084.3, if feasible. The City shall coordinate the investigation of the find with a qualified archaeologist (meeting the Secretary of the Interior’s Professional Qualifications Standards for Archeology) approved by the City and with interested culturally affiliated Native American tribes that respond to the City’s invitation. As part of the site investigation and resource assessment, the City and the archaeologist shall consult with interested culturally affiliated Native American tribes to assess the significance of the find, make recommendations for further evaluation and treatment as necessary and provide proper management recommendations should potential impacts to the resources be determined by the City to be significant. A written report detailing the site</p>					

Task and Brief Description	Timing	Responsible Party	Completed	Initials	Notes (optional)
<p>assessment, coordination activities, and management recommendations shall be provided to the City representative by the qualified archaeologist. These recommendations will be documented in the project record. For any recommendations made by interested culturally affiliated Native American tribes that are not implemented, a justification for why the recommendation was not followed will be provided in the project record.</p> <p>Native American representatives from interested culturally affiliated Native American Tribes and the City representative will also consult to develop measures for long-term management of any discovered Native American cultural resources or tribal cultural resources. Consultation will be limited to actions consistent with the jurisdiction of the City and considering ownership of the subject property. To the extent that the City has jurisdiction, routine operation and maintenance within tribal cultural resources retaining tribal cultural integrity shall be consistent with the avoidance and minimization standards identified in this mitigation measure.</p> <p>If the City determines that the project may cause a significant impact to a cultural resource or tribal cultural resource, and measures are not otherwise identified in the consultation process, the following are examples of mitigation capable of avoiding or substantially lessening potential significant impacts to a tribal cultural resource or alternatives that would avoid significant impacts to the resource. These measures may be considered to avoid or minimize significant adverse impacts and constitute the standard by which an impact conclusion of less-than significant may be reached:</p> <p>Avoid and preserve resources in place, including, but not limited to, planning construction to avoid the resources and protect the cultural and natural context, or planning greenspace, parks, or other open space, to incorporate the resources with culturally appropriate protection and management criteria.</p> <ul style="list-style-type: none"> • Treat the resource with culturally appropriate dignity considering Tribal cultural values and meaning of the resource, including, but not limited to, the following: <ul style="list-style-type: none"> ➤ Protect the cultural character and integrity of the resource. ➤ Protect the traditional use of the resource. ➤ Protect the confidentiality of the resource. 					

Task and Brief Description	Timing	Responsible Party	Completed	Initials	Notes (optional)
<ul style="list-style-type: none"> ➤ Establish permanent conservation easements or other interests in real property, with culturally appropriate management criteria for the purposes of preserving or using the resources or places. ➤ Protect the resource. 					
<p>Mitigation Measure CTR-3: Implement Post Discovery Procedures in the Event of the Inadvertent Discovery of Human Remains</p> <p>If an inadvertent discovery of human remains is made at any time during project-related construction activities or project planning, the following performance standards shall be met prior to implementing or continuing actions such as construction, which may result in damage to or destruction of human remains. In accordance with the California Health and Safety Code (HSC), if human remains are encountered during ground-disturbing activities, the City shall immediately halt potentially damaging excavation in the area of the remains and notify the Sacramento County Coroner and a professional archaeologist to determine the nature of the remains. The Coroner is required to examine all discoveries of human remains within 48 hours of receiving notice of a discovery on private or State lands (HSC Section 7050.5[b]).</p> <p>If the human remains are of historic age and are determined to be not of Native American origin, the City will follow the provisions of the HSC Section 7000 (et seq.) regarding the disinterment and removal of non-Native American human remains.</p> <p>If the Coroner determines that the remains are those of a Native American, he or she must contact the Native American Heritage Commission (NAHC) by phone within 24 hours of making that determination (HSC Section 7050[c]). After the Coroner’s findings have been made, the archaeologist and the NAHC-designated Most Likely Descendant (MLD), in consultation with the landowner, shall determine the ultimate treatment and disposition of the remains. The responsibilities of the City for acting upon notification of a discovery of Native American human remains are identified in California PRC Section 5097.9 et seq.</p>	During construction	City of Sacramento/ Contractor	<input type="checkbox"/>	_____	
<p>Mitigation Measure CTR-4: A Tribal Monitoring Area shall be developed in coordination with the United Auburn Indian Community (UAIC). If desired, the UAIC may provide a Tribal monitor (at their cost) to be present during all Project activities that will disturb the ground surface within the designated monitoring</p>	Prior to and During Construction	City of Sacramento/ Contractor	<input type="checkbox"/>	_____	

Task and Brief Description	Timing	Responsible Party	Completed	Initials	Notes (optional)
<p>area. The level of monitoring may be adjusted at the discretion of the UAIC, based on observed soil conditions. If monitoring is desired, the UAIC or the Project archaeologist shall also provide Tribal Cultural Awareness Training to all Project personnel working within the monitoring area.</p>					
Geology and Soils					
<p>Mitigation Measure GEO-1: Perform Final Geotechnical Investigation and Implement Report Recommendations</p> <p>Prior to issuance of a construction contract, in accordance with City requirements (2035 General Plan - Policy EC 1.1.2), the project applicant shall prepare a final geotechnical investigation of the project alignment to determine the potential for ground rupture, earth shaking, and liquefaction due to seismic events, as well as expansive soils problems. As required by the City, recommendations identified in the geotechnical report for the proposed project shall be implemented to ensure that the project's design meets Caltrans Class 1 bikeway design criteria and State Water Code Title 23 standards for recreation trails on levees.</p>	Prior to Construction	City of Sacramento	<input type="checkbox"/>	_____	
Hazards and Hazardous Waste					
<p>Mitigation Measure HAZ-1: Prepare a Worker Health and Safety Plan and Implement Appropriate Measures to Minimize Potential Exposure of the Public to Hazardous Materials</p> <p>The City of Sacramento shall ensure the construction contractor implement the following measures before and during construction to reduce potentially significant impacts associated with exposure to hazardous materials.</p> <ul style="list-style-type: none"> • Prepare and implement a worker health and safety plan before the start of construction activities that identifies, at a minimum, the potential types of contaminants that could be encountered during construction activity; all appropriate worker, public health, and environmental protection equipment and procedures to be used during project activities; emergency response procedures; the most direct route to the nearest hospitals; and a Site Safety Officer. The plan shall describe actions to be taken should hazardous materials be encountered on-site, including the 	Prior to and During construction	City of Sacramento/ Contractor	<input type="checkbox"/>	_____	

Task and Brief Description	Timing	Responsible Party	Completed	Initials	Notes (optional)
<p>telephone numbers of local and state emergency hazmat response agencies.</p> <ul style="list-style-type: none"> If, during site preparation and construction activities, evidence of hazardous materials contamination is observed or suspected (e.g., stained or odorous soil or groundwater) cease immediately construction activities in the areas of the find. If contamination is observed or suspected, the City shall retain a qualified hazardous materials specialist to assess the site and collect and analyze soil and/or water samples, as necessary. If contaminants are identified in the samples, the City shall notify and consult with the appropriate Federal, State, and/or local agencies. Measures to remediate contamination and protect worker health and the environment shall be implemented in accordance with Federal, State, and local regulations before construction activities may resume at the site where contamination is encountered. Such measures could include, but are not limited to, preparation of a Phase I and/or Phase II Environmental Site Assessment, removal of contaminated soil, and pumping of groundwater into containment tanks. 					
<p>Mitigation Measure HAZ-2: Obtain Site Closure and Follow Post-Closure Requirements for Past Disposal Sites</p> <p>The City shall implement the following measures for all Segment 2 construction:</p> <ul style="list-style-type: none"> Construction of the trail segment should not commence until this area is properly closed as per the requirements of the City of Sacramento. Segment 2 construction should be completed under the requirements described in Title 27 of the California Code of Regulations (CCR), Division 2, Subdivision 1, Chapter 3, Subchapter 5, Section 21190 titled "CIWMB-Post-Closure Land Use." Where cut and fill activities occur in Segment 2, proper measures should be taken to mitigate any landfill material or other hazardous material that is encountered. If fill material/soils will be brought in, these soils must be certified as clean fill. 	Prior to construction	City of Sacramento	<input type="checkbox"/>	<hr style="width: 50px; border: 0.5px solid black;"/>	

Task and Brief Description	Timing	Responsible Party	Completed	Initials	Notes (optional)
<ul style="list-style-type: none"> The trail will be designed to conform with drainage patterns in the project area and to prevent water collection that could cause seepage of the buried landfill material. 					
<p>HAZ-3: Perform a preliminary investigation and screening for potential levels of petroleum hydrocarbon contamination, grease, and oils in the surface and near-surface soils along the project area(s) within 50 feet of the existing railroad alignment, and perform testing for Title 22 metals and creosote along with contaminated groundwater up to 80 feet. The investigation should include a remediation plan for handling and / or removal and disposal of contaminated soils and groundwater, if encountered.</p>	Prior to construction	City of Sacramento	<input type="checkbox"/>	_____	
<p>HAZ-4: Prior to construction of the pedestrian overcrossing in Phase IV, a site-specific Groundwater Monitoring and Management Plan (GMMP) shall be prepared and implemented to monitor and manage groundwater encountered during construction. The plan shall include measures for containment, treatment, disposal, and reporting in compliance with Regional Water Quality Control Board and Title 22 requirements.</p>	Prior to construction	City of Sacramento	<input type="checkbox"/>	_____	
<p>HAZ-5: Prior to construction of the pedestrian overcrossing in Phase IV and prior to subsurface construction, the contractor shall prepare and implement a Health and Safety Plan (HASP) in accordance with 8 CCR §5192. The HASP shall include procedures for handling contaminated groundwater, PPE requirements, and emergency response protocols.</p>	Prior to construction	City of Sacramento	<input type="checkbox"/>	_____	
<p>HAZ-6: Prior to construction of the pedestrian overcrossing in Phase IV, the City shall coordinate with the RWQCB and any other relevant agencies to obtain necessary permits and approvals for construction within a landfill and potential groundwater impact zone. Documentation of coordination and compliance shall be provided to the City.</p>	Prior to construction	City of Sacramento	<input type="checkbox"/>	_____	
CVFPB Permit Conditions: To be Included upon Issuance of the CVFPB Encroachment Permit					
CDFW Permit Conditions: To be Included upon Issuance of the Section 1602 Streambed Alteration Agreement					
RWQCB Permit Conditions: To be Included upon Issuance of the Section 401 Water Quality Certification					

Task and Brief Description	Timing	Responsible Party	Completed	Initials	Notes (optional)
USACE Permit Conditions: To be Included upon Issuance of the Section 404 Nationwide Permit					