

Bob Jones Pathway (San Luis Obispo to Ontario Road) Final
Environmental Impact Report

ADDENDUM #1 (320096/ED21-103); June 2021



COUNTY OF SAN LUIS OBISPO
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL RESOURCES DIVISION

1.1 BACKGROUND

The Bob Jones Pathway (San Luis Obispo to Ontario Road) Final Environmental Impact Report (FEIR; 2015) evaluated a proposal to construct a separated Class I trail, where possible, for a distance of approximately 4.5 miles between the existing Bob Jones Trail at the Ontario parking area to the Octagon Barn on South Higuera Street in south San Luis Obispo (Figure 1). This proposed segment of the Bob Jones Trail would provide an important link in the trail intended to connect the communities of San Luis Obispo and Avila Beach, providing an improved and safer route for bicyclists and new opportunities for pedestrians.

The project would include an eight-foot-wide asphalt-surfaced pathway, two-foot-wide shoulders, and grading and landscaping within a 12- to 20-foot-wide easement. The project as originally proposed included three bridge crossings of San Luis Obispo Creek, a Highway 101 overcrossing, two at-grade crossings of Higuera Street, and parking and trailhead improvements. Several revisions to the project alignment resulted in several relocated trail sections, elimination of the Highway 101 overcrossing, elimination of the two at-grade crossings of Higuera Street, widening of the pathway from eight feet to twelve feet, and the addition of an undercrossing at San Luis Bay Drive.

The project and alternatives were evaluated in a draft EIR (DEIR) circulated for public review in August 2013, a Recirculated DEIR circulated for public review in October 2014, and a FEIR completed in January 2015 and certified by the San Luis Obispo County Board of Supervisors on February 24, 2015. The proposed trail alignment and alternatives evaluated in the FEIR are shown in Figure 2.

The County currently proposes revisions to the project (Figures 3 and 4) that were not previously analyzed, including:

- (a) the portion of the trail shared with Clover Ridge Lane would be relocated from the roadway to the west side of Clover Ridge Lane (i.e., between Clover Ridge Lane and Highway 101), eliminating a shared (i.e. class III) section of pathway along Clover Ridge Lane;
- (b) an undercrossing of Clover Ridge Lane near the Highway 101 offramp, would replace an at-grade crossing of Clover Ridge Lane, in order to access the northern portion of the trail on the east side of South Higuera Street; and
- (c) modifications to a proposed retaining wall evaluated in the FEIR to be located north of the Clover Ridge Lane undercrossing from a 200-foot-long, 3-foot-high retaining wall to an approximately 600-foot-long, 8- to 12-foot-high retaining wall.

The remaining portions of the trail would remain as analyzed in the FEIR.

1.2 CEQA CONSIDERATIONS

Pursuant to State CEQA Guidelines (Guidelines) Section 15162(a), when an EIR has been certified for a project, no subsequent EIR shall be prepared for that project unless the lead agency determines, on the basis of substantial evidence in the light of the whole record, one or more of the following:

- (1) Substantial changes are proposed in the project which will require major revisions of the previous EIR or negative declaration due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects;

- (2) Substantial changes occur with respect to the circumstances under which the project is undertaken which will require major revisions of the previous EIR or Negative Declaration due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects; or
- (3) New information of substantial importance, which was not known and could not have been known with the exercise of reasonable diligence at the time the previous EIR was certified as complete, shows any of the following:
 - (A) The project will have one or more significant effects not discussed in the previous EIR or negative declaration;
 - (B) Significant effects previously examined will be substantially more severe than shown in the previous EIR;
 - (C) Mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative; or
 - (D) Mitigation measures or alternatives which are considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effects on the environment, but the project proponents decline to adopt the mitigation measure or alternative.

Section 15164 of the Guidelines directs responsible agencies to prepare an addendum to a previously certified EIR if some changes or additions are necessary but none of the conditions described in Section 15162(a) calling for preparation of a subsequent EIR have occurred.

Section 15164(c) of the Guidelines specifies that an addendum need not be circulated for public review but can be included in or attached to the FEIR.

1.3 SUBSTANTIAL CHANGES IN THE PROJECT – SECTION 15162(A)(1)

The proposed revisions would not require substantial changes to project construction or operation that would require major revisions of the FEIR due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects.

The proposed revisions would use similar equipment and techniques to those analyzed in the FEIR. The proposed Clover Ridge Lane undercrossing may require slightly larger staging areas than considered in the FEIR. However, construction access and staging would be in County right-of-way along the proposed trail construction route and would be configured to avoid impacts to jurisdictional areas, including creek channel and riparian banks.

An approximately 1,260-foot section of trail bordering Clover Ridge Lane would be relocated from within the road, as a shared Class III pathway, to the west side of the road, as a separated Class I pathway, where it would be located in the County right-of-way between Clover Ridge Lane and Highway 101. The proposed Clover Ridge Lane undercrossing would in place of the previously proposed at-grade crossing. These revisions would not increase the overall project disturbance footprint and no new private property easements would be required.

The proposed Clover Ridge Lane undercrossing would involve construction impacts similar to those evaluated in the FEIR for the San Luis Bay Drive. The area of construction disturbance for the undercrossing would be approximately 30 feet wide, 20 feet deep, and 100 feet long, most of which would be within the footprint of the existing Clover Ridge Lane paved area and the previously considered trail alignment north of the road.

The proposed 600-foot-long retaining wall immediately north of the Clover Ridge Lane undercrossing has the potential to slightly increase impacts evaluated in the FEIR, including increased earth disturbance, a higher retaining wall, and a potential slight increase in impacts to riparian bank.

The revised temporary and permanent impacts were reviewed for presence of environmentally sensitive resources. This includes but is not limited to aesthetics, biological resources, cultural resources, surface waters, geological hazards, and hazardous waste sites. Potential impacts are described below.

Aesthetics

The proposed revisions would not introduce new aesthetic elements or alter the aesthetic character of trail components evaluated in the FEIR. The proposed trail and at-grade crossing on Clover Ridge Lane would be replaced with a trail between Clover Ridge Lane and Highway 101 and an undercrossing to the east of the Highway 101 offramp (Figure 3). The trail would be slightly more visible to travelers on Highway 101 because it would be closer to the highway. Several mature trees in this location provide screening of views for travelers on Highway 101.

The undercrossing would consist of a below-grade concrete box tunnel and wingwalls. These constitute relatively minor changes in the visibility of the project from Highway 101 and surrounding public roads and would not result in significant aesthetic impacts.

The proposed retaining wall would be longer and higher than the retaining wall in this vicinity that was evaluated in the FEIR, but it would be east-facing and would not be visible to travelers on Highway 101.

The mitigation measures pertaining to aesthetics in the FEIR (Attachment A) would be applicable to the proposed revisions, including, for example, minimizing tree removal and trimming to the extent feasible, development of a landscaping plan with native species that are compatible with the surroundings and that screen new structures, and use of an appropriate design for retaining wall surfaces. No new mitigation measures are necessary.

Agricultural Resources

The proposed revisions would result in the Clover Ridge Lane section of the trail being located farther away from agricultural land by avoiding Clover Ridge Lane that borders parcels with agricultural uses. Therefore, the revisions would not have significant impacts on agricultural resources. Several of the FEIR mitigation measures (Attachment A) pertaining to minimizing potential indirect impacts on agricultural land would remain relevant for the revised project alignment given the fact that it will still be in close proximity to agricultural land (for example, limiting site runoff and pet waste). No new mitigation measures are necessary.

Air Quality

The proposed revisions would not result in new emissions or a substantial increase in construction emissions that would have the potential to have adverse effects on air quality. The addition of a new undercrossing and a longer retaining wall would increase grading and earthwork requirements for the project, and associated construction emissions, but not to a significant level. The proposed revisions would not introduce new operational emissions. The mitigation measures pertaining to air quality in the FEIR (Attachment A) would be implemented and no new mitigation measures are necessary.

Biological Resources

The proposed revisions would not introduce new potential impacts or substantially increase the potential for impacts to biological resources. Information reviewed includes the FEIR and more recent information on biological resources and jurisdictional areas included in a 2016 addendum to the Natural Environment Study for the project (SWCA 2016). The NES Addendum includes detailed habitat and jurisdictional maps, and California Natural Diversity Database search (CNDDB) and U.S. Fish and Wildlife special-status species lists. Updated species lists were compiled for this Addendum (June 2021).

The relocated trail on the west side of Clover Ridge Lane would impact ruderal and landscaped habitats in County right-of-way that were not analyzed in the FEIR but which are comparable to other trail sections analyzed in the FEIR (e.g., trail sections paralleling Highway 101 further south). The proposed undercrossing and the trail and retaining wall to the north would impact ruderal habitats, grassland, and the riparian corridor of San Luis Obispo Creek. Impacts in this area were analyzed in the FEIR. The proposed revisions would require an increased depth and extent of soil excavation, and may result in minor increases in encroachment in the riparian zone. No impacts to San Luis Obispo Creek would be required.

San Luis Obispo Creek in the project area is designated critical habitat for steelhead; there are no other designated critical habitats in the project area.

The NES Addendum (2016) identified three special-status wildlife species not evaluated in the FEIR that have the potential to occur in the overall project area:

- Grasshopper sparrow (*Ammodramus savannarum*): preferred habitat includes grasslands, hayfields, and pastures; impacts to this species would be minimized through implementation of pre-construction nesting bird surveys;
- Merlin (*Falco columbarius*): occurs regionally during the winter months and not expected to be adversely affected by project construction or operation;
- Foothill yellow-legged frog (*Rana boylei*): suitable habitat includes the San Luis Obispo Creek corridor; mitigation measures for California red-legged frog would ensure avoidance and minimization of impacts to this species.

The NES Addendum (2016) identified three special-status plant species not evaluated in the FEIR that have the potential to occur in the overall project area:

- Round-leaved filaree (*California macrophylla*): not observed in project areas during appropriately timed surveys;

- Eastwood's larkspur (*Delphinium parryi* ssp. *eastwoodiae*): a single suitable habitat area in the project area would be avoided; and
- Splitting yarn lichen (*Sulcaria isidiifera*): not documented in suitable habitat areas, coastal scrub, to be impacted by the project.

The 2021 updated species lists did not identify any new federally protected species with potential to occur in the overall project area. Eight new special-status plant species were listed in the nine-quadrangle CNDDDB search area; based on suitable habitat and documented occurrences of these species, none are considered likely to occur in the overall project area.

In summary, based on review of the FEIR, the NES Addendum, and updated special-status species lists, the proposed revisions are not expected to result in adverse effects to special-status species or nesting birds provided the FEIR mitigation measures (Attachment A) pertaining to special-status species and nesting birds are implemented. These include, for example, conducting pre-construction nesting bird surveys, construction crew training, construction monitoring to be conducted by a qualified biologist, and conducting work in San Luis Obispo Creek during the dry season.

Additionally, in regard to the entire project alignment, based on review of the NES Addendum and updated special-status species lists, there are no critical habitats or special-status species designated since the FEIR was certified that would introduce the potential for significant effects not analyzed in the FEIR.

As such, the project, including the proposed revisions, would not have significant impacts on biological resources provide the biological resources mitigation measures in the FEIR (Attachment A) are implemented. These include, for example, completion and implementation of a Habitat Mitigation and Monitoring Plan for impacts to jurisdictional areas; development of a tree removal plan, avoidance of tree removal as feasible, and replacement plantings for black walnut and riparian trees removed for construction; special-status species and nesting bird monitoring and construction crew training; and standard best management practices pertaining to sedimentation and erosion controls, equipment and vehicle refueling, and spill response preparedness. No new mitigation measures are necessary.

Cultural Resources

Cultural resources surveys completed for the FEIR did not identify the presence of significant cultural resources or intact archaeological deposits in the vicinity of the Clover Ridge Lane section of the trail that would be impacted by the proposed revisions. The mitigation measures pertaining to cultural resources in the FEIR (Attachment A) would be implemented and no new mitigation measures are necessary.

Geology, Soils, and Hydrology

The proposed revisions would slightly increase the total quantity of earth disturbance for the project due to the Clover Ridge Lane undercrossing and trail construction to the north of the undercrossing. The north side of the undercrossing would be adjacent to San Luis Obispo Creek and the associated riparian zone. The FEIR mitigation measures (Attachment A) address potential adverse impacts to jurisdictional areas, including, for example, use of appropriate sedimentation and erosion control measures, targeting work near jurisdictional areas during dry conditions, and implementation of appropriate stormwater controls. No new mitigation measures are necessary.

The proposed undercrossing may require excavation to a depth of approximately 20 feet. Based on the County's surficial geology map, the site is underlain by the Franciscan Melange, a formation that has the potential to bear fossils. Rock excavation and/or blasting is not anticipated to be required to construct the undercrossing. The potential for impacts to paleontological resources is addressed in mitigation measure MM2.4-1c (Attachment A). No new mitigation measures are necessary.

Other CEQA Resources

The proposed revisions are relatively minor modifications of the project and are not expected to have substantial adverse impacts to other issues analyzed in the FEIR, including land use and planning, transportation and circulation, or any other substantial adverse physical effects.

Cumulative Impacts

The proposed revisions to one section of the trail would not change the conclusion of the FEIR with respect to cumulative impacts. The project as revised would be compatible with all land use designations and there would be no cumulatively considerable impacts to agricultural lands, biological or cultural resources, or any other environmental resource evaluated in the FEIR.

Conclusions

Based on the evaluations above, the County concludes that the proposed revisions do not include substantial changes that would require major revisions to the FEIR, and that there is no new information of substantial importance such as potential for significant effects not discussed in the FEIR.

The mitigation measures in the FEIR (Attachment A) would be applicable to the entire project, including the proposed revisions, and include appropriate measures to ensure that project impacts are less than significant, including, for example, impacts to aesthetics, agricultural lands, air quality, biological resources, cultural resources, geology and hydrology.

1.4 SUBSTANTIAL CHANGE IN CIRCUMSTANCES – SECTION 16162(A)(2)

In the time since the FEIR was certified, new CEQA Guidelines (2019) have been implemented that change how some environmental resources are considered. These include adding separate sections of the CEQA document for consideration of mineral resources (formerly addressed under geology and soils), greenhouse gas emissions (formerly addressed under air quality), tribal cultural resources (formerly addressed under cultural resources), and utilities (formerly addressed under public services).

These changes affect the organization, not the substance, of the evaluation of these resources in CEQA documents and are therefore not considered a substantial change in circumstances since the FEIR was certified.

The new Guidelines also add consideration of three new resources to CEQA documents: forest lands and timberlands (included in the agricultural resource section), energy, and wildfire.

Forest Lands and Timberlands. Coastal oak woodlands occur within the project area, particularly in the riparian corridors. The project has been configured to avoid impacts to oak woodland and there are no designated forest lands or timberlands along the project alignment.

The FEIR mitigation measures (Attachment A) require that the project be designed to avoid removal of trees and to replace black walnut trees removed for the project. With implementation of these measures, the project is not expected to have a significant adverse effect from tree removal. The

proposed revisions would not introduce any new forest or timberland effects or increase the severity of effects from the project as determined in the FEIR, as described in Section 1.3. No new mitigation measures are required.

Energy. Energy impacts from the project would be limited to construction energy use, which was evaluated from the perspective of air quality considerations in the FEIR. The air quality conclusions in the FEIR determined that there would be no significant impacts. As described under air quality above, the proposed revisions would not increase construction emissions to a significant level and would not introduce new operational emissions. Accordingly, the project would not have significant effects on energy consumption and no new mitigation measures are necessary.

Wildfire. In regard to wildfire effects, the FEIR evaluated the fire hazard rating of the project area, fire protection services and response times, and accommodating emergency access. The proposed revisions would not expand the project area or increase the project's effect on wildfire risk. The project would not result in significant wildfire effects and no new mitigation measures are necessary.

Conclusion. The 2019 changes to the CEQA Guidelines do not introduce requirements for new or expanded analyses that what was included in the FEIR, and therefore, do not constitute a substantial change in circumstances. We are not aware of any other circumstance since the FEIR was certified that would constitute involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects related to the project. Therefore, a subsequent EIR is not required pursuant to Section 15162(a)(2).

1.5 NEW INFORMATION OF SUBSTANTIAL IMPORTANCE – SECTION 15162(A)(3)

No new information of substantial importance has been identified since the time the FEIR was certified that shows that the project, including the proposed revisions, would have one or more significant effects not discussed in the FEIR or would have significant effects that would be more severe than shown in the FEIR. As discussed in Section 1.3 above, the FEIR mitigation measures provide the relevant mitigation measures for the proposed revisions. There are no new mitigation measures or alternatives previously considered infeasible or that are substantially different from those analyzed in the FEIR that are necessary.

1.6 CONCLUSION

The proposed revisions would involve relocation of approximately 1,260 feet of proposed trail to a nearby location in County right-of-way with generally similar conditions, would replace an at-grade crossing of Clover Ridge Lane with an undercrossing, would add approximately 600 linear feet of retaining wall to a trail section previously evaluated, and would employ similar construction techniques, equipment, and impacts to those evaluated in the FEIR.

The addition of the new impact area has been evaluated and it has been determined that there are no potential significant impacts. The changes in the CEQA guidelines that have been implemented since the FEIR was certified in 2015 do not raise substantive physical impacts that have the potential for significant effects.

Therefore, the proposed revisions to the project, including the relocated Clover Ridge Lane trail section and undercrossing, represent a minor change to the project evaluated in the FEIR. The proposed revisions would not result in new significant impacts not previously disclosed in the FEIR or result in more severe impacts than previously disclosed in the FEIR, provided appropriate

mitigation measures included in the FEIR (Attachment A) are implemented to prevent potential adverse effects related to, among other factors, aesthetics, agricultural lands, air quality, biological resources, cultural resources, geology, and hydrology. An EIR addendum is the appropriate document to address the improvements.

1.7 REFERENCES

PMC. 2015. County of San Luis Obispo Bob Jones Pathway (San Luis Obispo to Ontario Road) Final Environmental Impact Report. SCH No. 2010031121. Prepared for County of San Luis Obispo. January.

SWCA. 2016. Bob Jones Pathway Octagon Barn to Ontario Road Natural Environment Study Addendum. Prepared for County of San Luis Obispo Parks and Recreation. May.

FIGURES

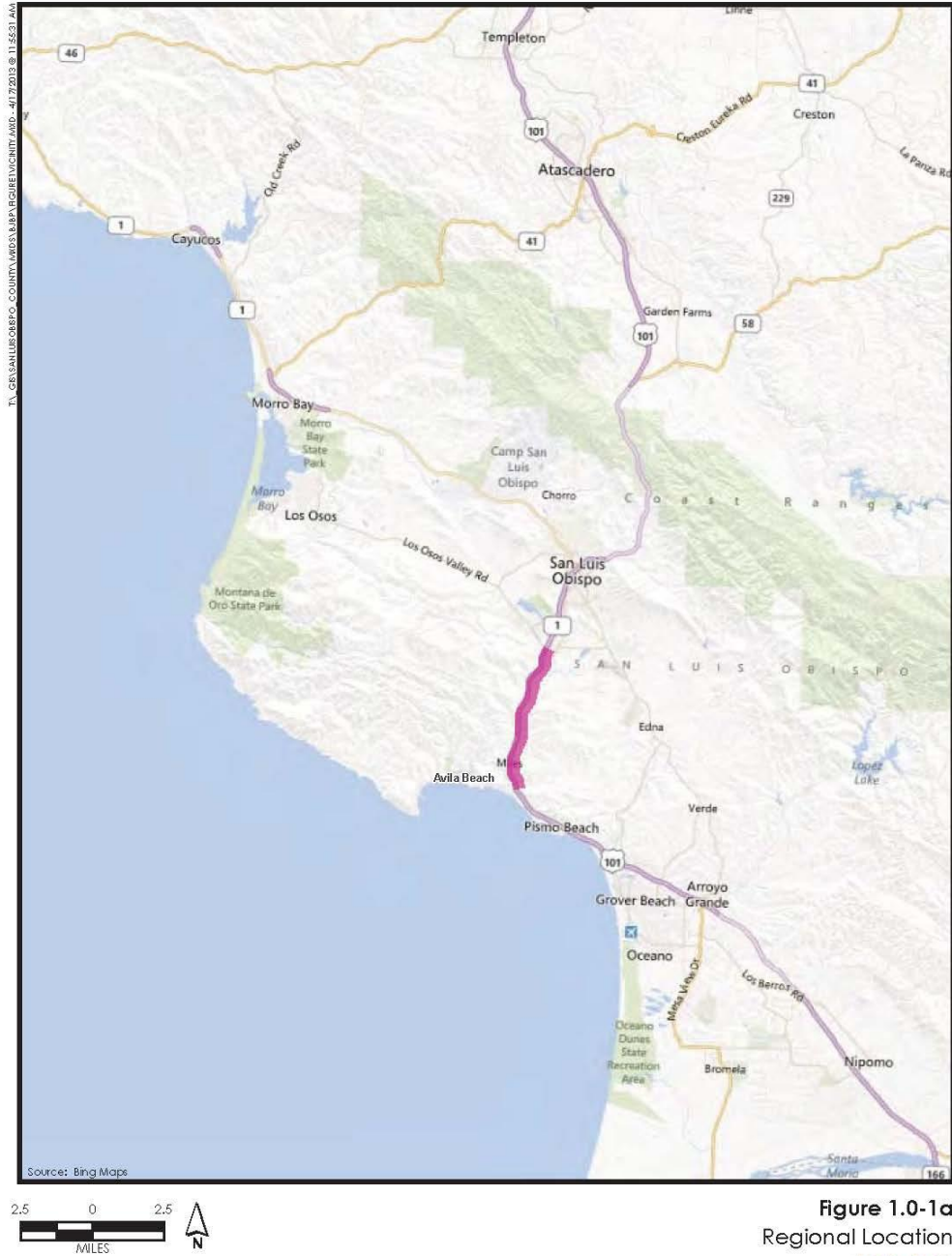


Figure 1.0-1a
Regional Location



Figure 1. Project Vicinity Map from FEIR

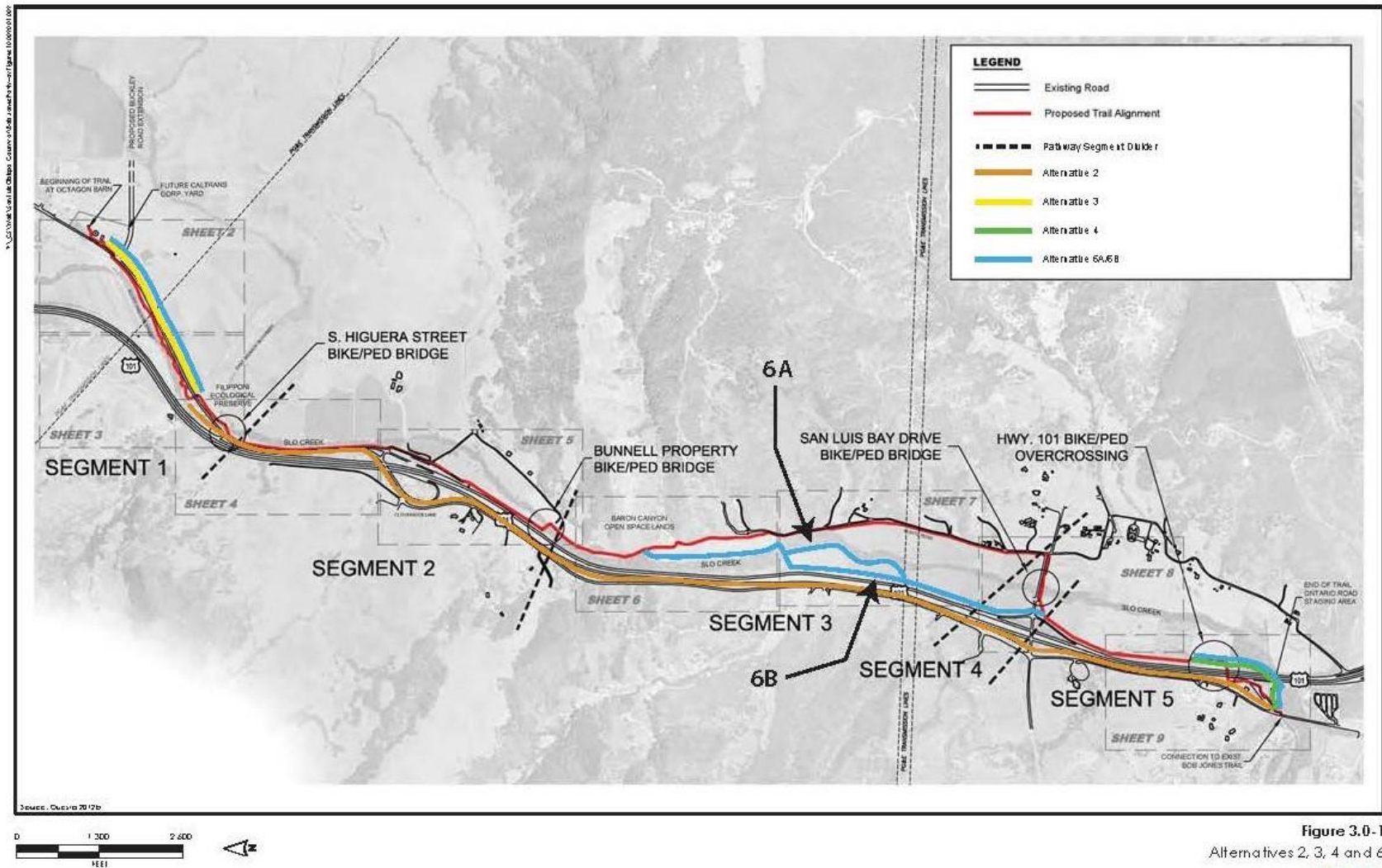


Figure 2. Project Proposed Alignment and Alternatives from FEIR

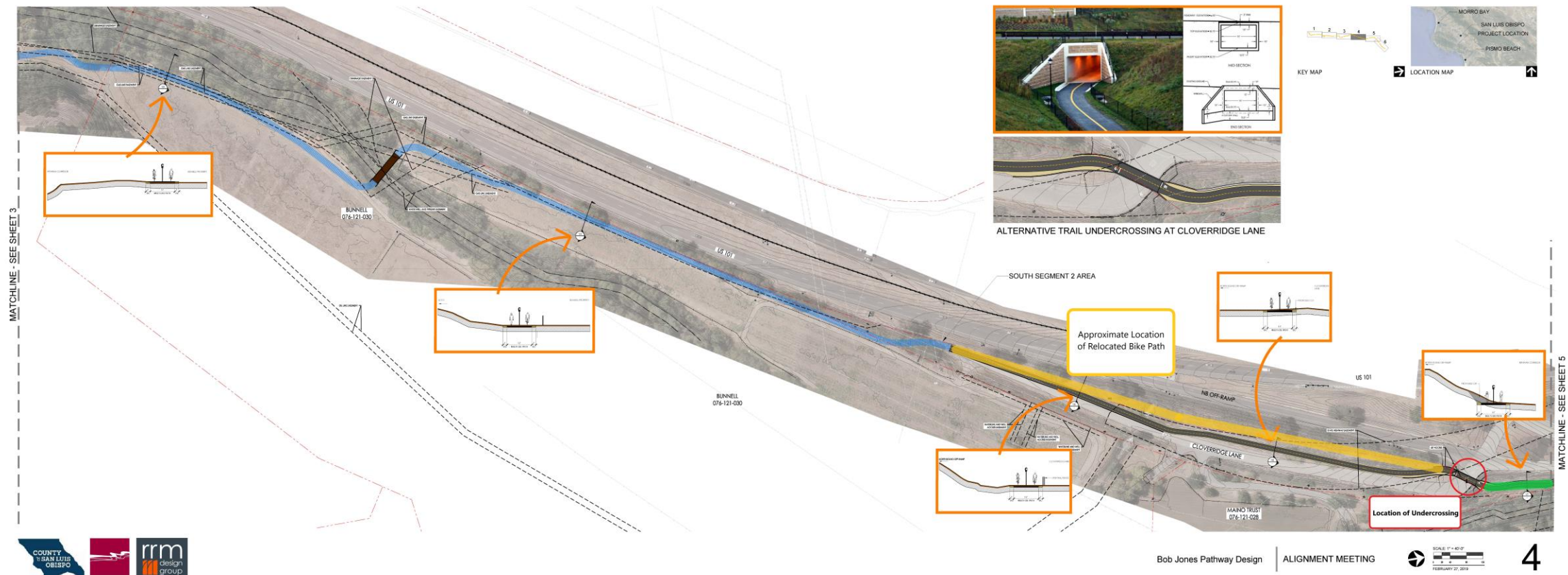


Figure 3. Proposed Revisions from Conceptual Design Plans Sheet 4

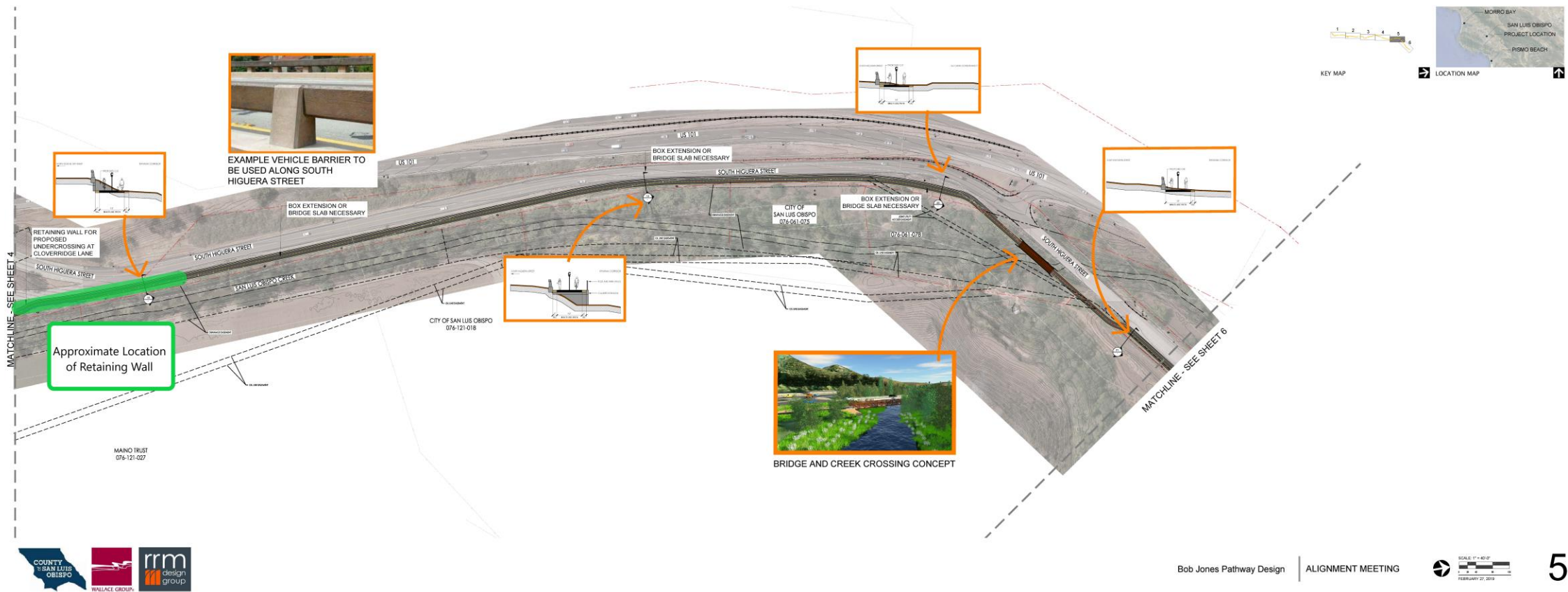


Figure 4. Proposed Revisions from Conceptual Design Plans Sheet 5

Attachment A. FEIR Mitigation Measures

BOB JONES PATHWAY FINAL EIR – APPENDIX A

MITIGATION MONITORING AND REPORTING PROGRAM

1. STATUTORY REQUIREMENT

When a Lead Agency makes findings on significant environmental effects identified in an EIR, the agency must also adopt a “reporting or monitoring program for the changes to the project which it has adopted or made a condition of approval in order to mitigate or avoid significant effects on the environment” (Public Resources Code §21081.6(a) and California Environmental Quality Act Guidelines §15091(d) and §15097). The Mitigation Monitoring and Reporting Program (MMRP) is implemented to ensure that the mitigation measures and project revisions identified in the EIR are implemented. Therefore, the MMRP must include all changes in the proposed project either adopted by the project proponent or made conditions of approval by the Lead or Responsible Agency.

2. ADMINISTRATION OF THE MITIGATION MONITORING AND REPORTING PROGRAM

San Luis Obispo County (County) is the Lead Agency responsible for the adoption of the MMRP. As the project is a public action, the County is also considered the project applicant and is responsible for implementing, verifying and documenting compliance with the MMRP, in coordination with other identified agencies. According to CEQA Guidelines §15097(a), a public agency may delegate reporting or monitoring responsibilities to another public agency or to a private entity that accepts the delegation. However, until mitigation measures have been completed, the Lead Agency remains responsible for ensuring that the implementation of the measure occurs in accordance with the program.

As a County project, verification of mitigation compliance and responsibility for compliance is the responsibility the County’s designated Project Manager. The Project Manager will be responsible for coordinating plan reviews and field verification with the appropriate County department staff or outside agencies.

3. MITIGATION MEASURES AND REPORTING PROGRAM

Table 1 is structured to enable quick reference to mitigation measures and the associated monitoring program based on the environmental resource. The numbering of mitigation measures correlates with numbering of measures found in the Impact Analysis chapters of the Draft EIR (DEIR). The measures have also been revised to reflect any revisions made in the Revised Draft EIR (RDEIR) and Final EIR.

In addition to the mandatory mitigation measures, the MMRP also reflects the voluntary mitigation measures that are part of project design and project description, as identified in the EIR.

Exhibit H

Table 1. Mitigation Monitoring and Reporting Program

Mitigation Measure	Requirements of Measure	Compliance Method	Verification/ Timing	Responsible Party
Aesthetics/Visual Resources				
Voluntary Mitigation Measures				
VMM 1.1-AES1	Development, including access roads, shall minimize visibility as viewed from any designated scenic road or highway to the greatest extent practical. Alternative locations or standards may be approved where visual effects are reduced to an insignificant level or where visibility is desired.	<ul style="list-style-type: none"> • Review of Final Design Plans 	<ul style="list-style-type: none"> • Prior to constructions 	<ul style="list-style-type: none"> • County
VMM 1.1 –AES3	When screening is necessary to protect a sensitive visual resource, the following is appropriate. The site design shall use existing topographic features to the extent feasible. Where use of topography is not feasible, existing vegetation, new landscaping plants, berms and fencing may be used. Where feasible, the use of natural vegetation and/or landscaping shall take precedence over berms or fences. In cases where vegetation is used, the design shall provide that at least 80 percent of the structure(s), as viewed from public rights-of-way, shall be screened by plants at maturity. New landscaping should use native species to the extent feasible.	<ul style="list-style-type: none"> • Review and Approval of Landscape and Planting Plans 	<ul style="list-style-type: none"> • Prior to Construction 	<ul style="list-style-type: none"> • County
VMM 1.1–AES4	New structures proposed on prominent ridgelines shall be located so that they are not silhouetted against the sky as viewed from public roads or the ocean.	<ul style="list-style-type: none"> • Review of Final Design Plans Review • Approval of Landscape and Planting Plans 	<ul style="list-style-type: none"> • Prior to Construction 	<ul style="list-style-type: none"> • County
VMM 1.1–AES5	Grading and placement of structures shall occur at least 150 feet from bedrock outcroppings visible from public right of way.	<ul style="list-style-type: none"> • Review of Final Design Plans 	<ul style="list-style-type: none"> • Prior to construction 	<ul style="list-style-type: none"> • County • Contractor
VMM 1.1–AES6	No grading or structures shall occur on slopes greater than 20 percent (except in the case of trails) unless the County finds that there is no feasible alternative or that by allowing such grading or structures, the overall impacts would be better minimized. Grading shall be designed so that landform	<ul style="list-style-type: none"> • Review of Final Design Plans 	<ul style="list-style-type: none"> • Prior to construction 	<ul style="list-style-type: none"> • County • Contractor

Exhibit H

Mitigation Measure	Requirements of Measure	Compliance Method	Verification/ Timing	Responsible Party
	alterations are minimized to the extent feasible and blend with the natural topography by following existing contours where feasible.			
VMM 1.1–AES7	Building height and mass of proposed buildings as viewed from public rights-of-way shall be minimized to the extent feasible by using low-profile design and other methods. Colors shall not markedly contrast with the surrounding environment but should complement and be similar to colors of surroundings.	<ul style="list-style-type: none"> Review of Final Design Plans 	<ul style="list-style-type: none"> Prior to Construction 	<ul style="list-style-type: none"> County
VMM 1.1–AES8	Facilities shall be designed to minimize new light, except for the minimum required for safety. In general, lighting fixtures shall be downcast and hooded. Night lighting shall limit spillover visible at sensitive uses such as residences to the maximum extent practical. Use of glare-producing materials shall be minimized.	<ul style="list-style-type: none"> Review of Final Design Plans Review of Lighting Plan 	<ul style="list-style-type: none"> Prior to Construction During construction 	<ul style="list-style-type: none"> County Contractor
Mitigation Measures				
MM 2.1-1a	For land within the project’s footprint under the County’s jurisdiction, the County shall retain a qualified professional to select appropriate native plant materials (i.e., ground cover for pathway shoulders, shrubs and trees for areas where these plants have been removed in the area of proposed bridges) that will cover graded cut and fill slopes and that are compatible with adjacent vegetation to minimize visual impacts. Selected species shall be compatible with the requirements of the Environmental Coordinator, or its designee. Landscape and planting plans shall be submitted to San Luis Obispo County Parks and the Environmental Coordinator, or its designee, for review and approval prior to start of construction. Re-vegetation of disturbed areas shall take place concurrent with construction. The San Luis Obispo County Environmental Coordinator or its designee shall be responsible for mitigation monitoring to ensure mitigation planting is installed and maintained for five years.	<ul style="list-style-type: none"> Review and Approval of Landscape and Planting Plans 	<ul style="list-style-type: none"> Prior to construction During Project Construction Five Years Post-Construction 	<ul style="list-style-type: none"> County Contractor
MM 2.1-1b	For land within the project’s footprint under Caltrans jurisdiction, the County shall select appropriate plant materials	<ul style="list-style-type: none"> Review and Approval of 	<ul style="list-style-type: none"> Prior to construction 	<ul style="list-style-type: none"> County Caltrans

Exhibit H

Mitigation Measure	Requirements of Measure	Compliance Method	Verification/ Timing	Responsible Party
	that will cover graded cut and fill slopes and that are compatible with adjacent vegetation to minimize visual impacts. Selected species shall be compatible with Caltrans requirements and landscape standards. Plans shall be submitted to Caltrans or its designee for review and approval prior to start of construction. Re-vegetation of disturbed areas shall take place concurrent with construction. The San Luis Obispo County Environmental Coordinator or its designee shall be responsible for mitigation monitoring to ensure mitigation planting is installed and maintained for five years.	Landscape and Planting Plans	<ul style="list-style-type: none"> • During Project Construction • Five Years Post-Construction 	<ul style="list-style-type: none"> • Contractor
MM 2.1-2a	The County shall design the proposed bridge structures and pathway improvements in accordance with the Highway Corridor Design Standards, where applicable. In addition, the bridge structure at the SLO Creek crossing within Segment 2 (Bunnell Bridge) shall have a maximum height limit that does not exceed an elevation of 80 feet (North American Vertical Datum 88 (NAVD88)), which equates to roughly 8 feet above the adjacent northbound Highway 101 lane, in order to reduce the vertical dimension of the structure and the potential for visual intrusion into the viewshed.	<ul style="list-style-type: none"> • Review and Approval of Final Improvement Plans 	<ul style="list-style-type: none"> • Prior to Approval of Final Improvement Plans 	<ul style="list-style-type: none"> • County • Contractor
MM 2.1-2c	The County shall prepare a landscape plan that provides maximum feasible screening of all new structures (i.e., bridges, ramps, retaining walls) when seen from adjacent roadways. New trees shall be planted in conformity with County lists and shall be compatible with adjacent vegetation to supplement the screening of the bridge structures as seen from Highway 101 and San Luis Bay Drive. The design shall be prepared by a qualified professional and plans shall be approved by the Environmental Coordinator, or its designee, prior to start of construction. All revegetation and planting shall be implemented concurrent with project construction. The Environmental Coordinator, or its designee, shall be responsible for mitigation monitoring to ensure mitigation planting is installed and maintained for five years.	<ul style="list-style-type: none"> • Review and Approval of Final Improvement Plans 	<ul style="list-style-type: none"> • Prior to Approval of Final Improvement Plans 	<ul style="list-style-type: none"> • County • Contractor
MM 2.1-3b	For land within the project footprint under Caltrans jurisdiction, the County shall select appropriate plant materials that will cover graded cut and fill slopes and that are compatible with	<ul style="list-style-type: none"> • Review and Approval of Final Improvement Plans 	<ul style="list-style-type: none"> • Prior to Approval of Final Improvement Plans 	<ul style="list-style-type: none"> • County • Caltrans • Contractor

Exhibit H

Mitigation Measure	Requirements of Measure	Compliance Method	Verification/ Timing	Responsible Party
	adjacent vegetation to minimize visual impacts. Selected species shall be compatible with Caltrans requirements. Plans shall be submitted to Caltrans or its designee for review and approval prior to start of construction. All plantings and re-vegetation shall be implemented concurrent with construction. The Environmental Coordinator, or its designee, shall be responsible for mitigation monitoring to ensure mitigation planting is installed and maintained for five years.		<ul style="list-style-type: none"> • During Construction • Five Years Post-Construction 	
MM 2.1-3c	Prior to approval of final improvement plans, the County shall identify a texture or pattern for the vertical retaining surface specifically designed to reduce the large plane of uniform vertical surface. In addition, appropriate landscape shrubs are to be planted between the retaining wall and the highway to provide screening. The design shall be subject to review and approval by the Environmental Coordinator or its designee for compliance prior to start of construction. Caltrans shall also be consulted where the project falls within its jurisdiction. The Environmental Coordinator, or its designee, shall be responsible for mitigation monitoring to ensure mitigation planting is installed and maintained for five years.	<ul style="list-style-type: none"> • Review and Approval of Final Improvement Plans 	<ul style="list-style-type: none"> • Prior to Approval of Final Improvement Plans • During Construction • Five Years Post-Construction 	<ul style="list-style-type: none"> • County
MM 2.1-3d	Prior to approval of final improvement plans, the San Luis Obispo County Environmental Coordinator shall ensure that all proposed design and landscaping requirements are incorporated into the final design drawings.	<ul style="list-style-type: none"> • Review and Approval of Final Improvement Plans 	<ul style="list-style-type: none"> • Prior to Approval of Final Improvement Plans 	<ul style="list-style-type: none"> • County
Agricultural Resources				
Voluntary Mitigation Measures				
VMM 1.1- AG 1	Pathway shall be sited so as not to be adjacent to agricultural operations to the extent feasible. Where necessary to prevent trespass, fences shall be incorporated into the design.	<ul style="list-style-type: none"> • Review of Final Design Plans 	<ul style="list-style-type: none"> • Prior to Construction 	<ul style="list-style-type: none"> • County
Mitigation Measures				
MM 2.2-3a	Prior to commencing construction, the County, in coordination with property owners and the San Luis Obispo County Department of Agriculture, shall develop and implement a	<ul style="list-style-type: none"> • Review and Approval of Farmland Conflict 	<ul style="list-style-type: none"> • Prior to Construction 	<ul style="list-style-type: none"> • County • County Department of Agriculture

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Mitigation Measure	Requirements of Measure	Compliance Method	Verification/ Timing	Responsible Party
	<p>Farmland Conflict Reduction Plan. The Farmland Conflict Reduction Plan shall be subject to review and approval by the San Luis Obispo Environmental Coordinator and shall include, at a minimum:</p> <ol style="list-style-type: none"> 1. Methods for minimizing trespassing and disturbance by trail users; 2. Procedures for minimizing pesticide exposure (notification, pathway closure, etc.); 3. Rules to minimize conflicts between domestic animals and livestock; 4. Establishment of potential temporary pathway closure procedures; and 5. Examples of the signage, striping, and fencing required. 	<p>Reduction Plan</p> <ul style="list-style-type: none"> • Review of Final Design Plans 		<ul style="list-style-type: none"> • The Land Conservancy
MM 2.2-3b	<p>As part of the Farmland Conflict Reduction Plan required through implementation of mitigation measure MM 2.2-3a, the County shall provide signage that describes the importance of the local agricultural lands and educate the public/users how to respect the surrounding important resources and reduce conflicts, including, but not limited to, the following:</p> <ol style="list-style-type: none"> 1. Staying on designated trails; 2. Maintaining control of domestic animals; 3. Minimizing litter/waste; 4. Prohibiting picking of crops; and 5. Prohibiting the feeding of or contact with livestock. <p>Signage shall be located at the trailheads and along portions of the pathway that are located adjacent to large private agricultural land holdings. All signage shall be installed prior to public use of the trail.</p>	<ul style="list-style-type: none"> • Review and Approval of Farmland Conflict Reduction Plan 	<ul style="list-style-type: none"> • Prior To Public Use Of Trail 	<ul style="list-style-type: none"> • County • County Department of Agriculture • The Land Conservancy
MM 2.2-3c	<p>As part of the Farmland Conflict Reduction Plan required through implementation of mitigation measure MM 2.2-3a, the County shall design the pathway alignment to avoid agricultural roads to the greatest extent feasible by locating the pathway alignment within existing rights-of-way and/or on ruderland lands. In addition, pathway alignment and intersections shall be designed to minimize conflicts with agricultural</p>	<ul style="list-style-type: none"> • Review and Approval of Farmland Conflict Reduction Plan • Review of Final Design Plans 	<ul style="list-style-type: none"> • Prior to Construction 	<ul style="list-style-type: none"> • County • Contractor

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Mitigation Measure	Requirements of Measure	Compliance Method	Verification/ Timing	Responsible Party
	operations through use of deterring devices such as fencing, striping, signage, bollards, and paving. Pavement and intersection development standards shall be identified and accommodate use by agricultural machinery and vehicles at all pathway/agricultural road intersection locations in order to minimize maintenance requirements where the pathway crosses agricultural roads. All methods of reducing conflict shall be demonstrated on final construction documents and will be subject to review and approval by the San Luis Obispo Environmental Coordinator.			
MM 2.2-3d	As part of the Farmland Conflict Reduction Plan required through implementation of mitigation measure MM 2.2-3a, circumstances that require temporary pathway closure shall be clearly defined. Such circumstances may include routine maintenance, agricultural spraying, or potential and/or actual flood conditions. The timing of and average duration of routine temporary closures shall be clearly defined in the Farmland Conflict Reduction Plan. Every effort shall be made to schedule temporary pathway closures during non-peak pathway usage periods, which are typically weekends, holidays, and commute hours. Any temporary closures shall be clearly posted at the trailheads, parking areas, and point of closure. The notification shall identify the reason for the closure, time and date of closure, and duration of closure. Signage shall be posted at least 24 hours prior to closure and removed immediately upon the identified duration or being cleared for re-opening by the San Luis Obispo Environmental Coordinator.	<ul style="list-style-type: none"> Review and Approval of Farmland Conflict Reduction Plan 	<ul style="list-style-type: none"> Prior to Construction 	<ul style="list-style-type: none"> County
MM 2.2-3e	Prior to construction the County shall ensure that final construction documents include the requirements of the Farmland Conflict Reduction Plan and that the design is consistent with Appendices B, E, and F of the County of San Luis Obispo General Plan - Parks and Recreation Element. Plans shall be subject to review and approval by the San Luis Obispo County Environmental Coordinator.	<ul style="list-style-type: none"> Review and Approval of Final Construction Documents 	<ul style="list-style-type: none"> Prior to construction 	<ul style="list-style-type: none"> County
MM 2.2-4a	Prior to preparation of final construction drawings, the County shall ensure that the proposed project minimizes the quantity	<ul style="list-style-type: none"> Review and Approval of Final 	<ul style="list-style-type: none"> Prior to Preparation of Final 	<ul style="list-style-type: none"> County

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Mitigation Measure	Requirements of Measure	Compliance Method	Verification/ Timing	Responsible Party
	and rate of runoff off-site. The pathway shall be graded to convey runoff to away from agricultural crops, orchards and/or fields to reduce runoff onto adjacent agricultural lands.	Construction Drawings	Construction Drawings	
MM 2.2-4b	Prior to use of the Bob Jones Pathway and throughout the life of the project, the County shall provide refuse bags and disposal cans for domestic animal waste at the trailheads and at accessible, serviceable points along the route	<ul style="list-style-type: none"> • Submittal of Maintenance Records 	<ul style="list-style-type: none"> • Prior to Public Use of Trail and Throughout Trail Operation 	<ul style="list-style-type: none"> • County
Air Quality				
Voluntary Mitigation Measures				
VMM 1.1-AQ1	<ol style="list-style-type: none"> 1. Maintain equipment and vehicle engines in good condition and in proper tune per manufacturers' specifications and APCD. 2. Use electricity from power poles rather than temporary diesel- or gasoline-powered generators. 3. Use methanol- or natural gas-powered mobile equipment and pile drivers instead of diesel if available. 4. Use propane- or butane-powered on-site mobile equipment if available. 5. Store volatile liquids in closed containers. 6. No open burning of debris, lumber or other scrap permitted. 7. Evaluate, prior to final construction approval, a particular project's risk of releasing significant quantities of diesel particulate emissions, using APCD Guidelines. Projects which may exceed acceptable thresholds may be required to install one or more pieces of filtering equipment and/or use emulsified fuels. 8. Implementation of Dust Control Measures, including the following: <ul style="list-style-type: none"> - Watered areas with vehicle traffic; minimum of twice daily - Streets adjacent to the project site shall be swept as needed. 	<ul style="list-style-type: none"> • Review of Construction Management Plan • Review of Equipment List 	<ul style="list-style-type: none"> • Prior to Construction • During Construction 	<ul style="list-style-type: none"> • County • Contractor

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Mitigation Measure	Requirements of Measure	Compliance Method	Verification/ Timing	Responsible Party
	<ul style="list-style-type: none"> - Exposed areas, new driveways and sidewalks shall be seeded, treated with soil binders, or paved as soon as possible. - Cover stockpiles of soil, sand and other loose materials. - Cover trucks hauling soil, debris, sand or other loose materials. - Sweep project area streets daily. - Appoint dust control monitor to oversee/implement dust control. - Contractor shall maintain continuous control of dust from construction. - When wind creates dust, to generate nuisance complaints, Contractor shall suspend grading operations, and/or water. - During construction, minimized amount of disturbed area. <p>Onsite vehicle speeds should be reduced to 15 mph or less.</p>			
VMM 1.1-AQ2	Portable equipment used during construction activities must be in compliance with SLO APCD permit requirements, which may require statewide registration or issuance of a permit from the SLO APCD prior to any construction.	<ul style="list-style-type: none"> • Review of Construction Management Plan • Review of Equipment List 	<ul style="list-style-type: none"> • Prior to Construction • During Construction 	<ul style="list-style-type: none"> • County • Contractor
Biological and Natural Resources				
Voluntary Mitigation Measures				
VMM 1.1- BIO1	Do not install impediments (fences, structures, lighting) to wildlife corridors.	<ul style="list-style-type: none"> • Review of Final Design Plan 	<ul style="list-style-type: none"> • Prior to Construction • During Construction 	<ul style="list-style-type: none"> • County • Contractor • Biological Monitor
VMM 1.1- BIO2	Limit access to sensitive areas; do not extend trail networks or provide single trails in sensitive areas.	<ul style="list-style-type: none"> • Review of Final Design Plan 	<ul style="list-style-type: none"> • Prior to Construction 	<ul style="list-style-type: none"> • County • Contractor

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Mitigation Measure	Requirements of Measure	Compliance Method	Verification/ Timing	Responsible Party
			<ul style="list-style-type: none"> • During Construction 	
Mitigation Measures				
MM 2.3-1a	<p>Prior to commencement of construction, the County shall finalize a comprehensive Habitat Mitigation and Monitoring Plan (HMMP), for review and approval by the County Environmental Coordinator, or its designee, that specifies final mitigation requirements for impacts to vegetation and natural habitats based on the requirements of permits and consultation with the resource agencies. The final HMMP shall be based on and generally consistent with the draft HMMP prepared by SWCA Environmental Consultants Inc. in February 2012, which is included as Appendix I of the Natural Environment Study (Technical Appendix T3 of the Draft EIR). The final HMMP will identify the specific mitigation sites along the vicinity of the SLO Creek riparian corridor, based on the specific mitigation acreage required by regulatory agencies during the permitting process. The final HMMP shall be consistent with federal and state regulatory requirements and reflect any regulatory permit conditions, as required. The San Luis Obispo County Environmental Coordinator, or its designee, shall ensure implementation of mitigation requirements of the HMMP during construction and immediately following project completion. Measures identified in the final HMMP shall include at a minimum the following:</p> <ol style="list-style-type: none"> 1. On-site mitigation at the following minimum ratios, unless determined otherwise by a regulatory agency; 2. On-site mitigation (within areas in or near the SLO Creek watershed) for permanent impacts to jurisdictional areas would be implemented at a 2:1 ratio (the CDFW may require a replacement of 3:1 or more for trees removed); 3. Off-site mitigation for permanent impacts to jurisdictional areas would be implemented at a 3:1 ratio; and 4. On-site and/or off-site mitigation for temporary impacts to jurisdictional areas would be implemented 	<ul style="list-style-type: none"> • Review and Approval of Habitat Mitigation and Monitoring Plan 	<ul style="list-style-type: none"> • Prior to Construction • During Construction • Following Project Completion 	<ul style="list-style-type: none"> • County

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Mitigation Measure	Requirements of Measure	Compliance Method	Verification/ Timing	Responsible Party
	<p>at a 1:1 ratio.</p> <p>5. Any loss of southern California black walnut trees shall be mitigated at a 4:1 restoration ratio for every walnut tree removed and at a 2:1 ratio for every walnut tree trimmed or otherwise impacted but not removed. If more than 25 percent of a walnut tree must be trimmed, it shall be mitigated at a 4:1 restoration ratio.</p> <p>6. Implementation of the restoration and mitigation activities will be conducted or overseen by an agency-approved restoration specialist. The restoration specialist will oversee site preparation and plant installation to ensure conformity with the final HMMP. Restoration and mitigation activities shall include, but are not limited to, plant salvage, site preparation and planting, installation of irrigation, and preparation and implementation of maintenance and monitoring plans.</p> <p>7. The maintenance plan shall address watering requirements, weed control, herbicide use, vandalism, and remedial plantings and fertilizing. The monitoring plan shall identify a monitoring schedule, performance goals, other attributes to monitor, and reporting requirements.</p> <p>8. Obtaining a Section 1602 Streambed Alteration Agreement from the CDFW and coordinating with the SWRCB/RWQCB regarding the need for a Section 13263(a) general waste discharge requirement (WDR) for project-related impacts that will occur in areas under the jurisdiction of these regulatory agencies.</p>			
MM 2.3-1b	The County shall provide evidence of all necessary permit or authorizations from Federal and State Agencies, including the USACE, RWQCB, and CDFW. Pursuant to Section 7 of the Endangered Species Act, formal consultation shall be initiated with the California Department of Fish and Wildlife (CDFW), US Fish and Wildlife Service (USFWS) and/or the National Marine Fisheries Service (NMFS) for impacts to listed species	<ul style="list-style-type: none"> • Review and Approval of Habitat Mitigation and Monitoring Plan 	<ul style="list-style-type: none"> • Prior to Construction 	<ul style="list-style-type: none"> • County • California Department of Fish and Wildlife • US Fish and Wildlife Service • National Marine

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	(i.e. south-central California coast steelhead ESU). The HMMP required through implementation of mitigation measure MM 2.3-1a shall be updated within 30 days of issuance of any applicable permits to reflect specific permit requirements for observed special-status species. The updated HMMP shall be submitted for review and approval by the County Environmental Coordinator, or its designee.			Fisheries Service
MM 2.3-1c	If any special-status species are observed in or near work areas during monitoring or construction, the County shall have a qualified biologist map, establish and mark off an exclusion zone, and avoid these species until the appropriate regulatory agencies (e.g., Caltrans, USFWS, and CDFW) are consulted for further mitigation options. Additional measures may include temporary halting of work, avoidance, relocation, or other measures as identified by the resource agencies, depending upon the specific species and its distribution.	<ul style="list-style-type: none"> • Review and Approval of Final Construction Documents, • Submittal of Biological Monitoring Reports 	<ul style="list-style-type: none"> • During Construction 	<ul style="list-style-type: none"> • County • Contractor
MM 2.3-1d	Prior to commencement of construction, County shall have a qualified biologist prepare and conduct a worker environmental training program. The environmental training program shall include descriptions of all special-status species with the potential to occur within the project area, their ecology, legal status, the need for conservation of the species, and what to do if one is observed. The environmental training program shall be subject to review and approval by the County Environmental Coordinator, or its designee. All construction personnel conducting work within habitat that potentially supports these species shall participate in the training program conducted by a qualified biologist. Evidence of participation in the environmental training program shall be submitted to the County Environmental Coordinator on a quarterly basis.	<ul style="list-style-type: none"> • Review and Approval of Worker Environmental Training Program, • Submittal of Environmental Training Program Sign In Sheets 	<ul style="list-style-type: none"> • Prior to Construction 	<ul style="list-style-type: none"> • County
MM 2.3-1e	Prior to commencement of construction, the County shall have a qualified biologist conduct pre-construction surveys for Coast Range newts, southwestern pond turtles, silvery legless lizards, and two-striped garter snakes and any other California Special Concern species or other special-status species identified in areas along and adjacent to the SLO Creek corridor where construction will occur. The County shall obtain	<ul style="list-style-type: none"> • Submittal of Pre-Construction Survey Results and Biological Monitoring Reports • Obtain CDFW Letter of 	<ul style="list-style-type: none"> • Prior to Construction 	<ul style="list-style-type: none"> • County •

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Mitigation Measure	Requirements of Measure	Compliance Method	Verification/ Timing	Responsible Party
	<p>a letter of permission from the California Department of Fish and Wildlife (CDFW) to relocate identified California Special Concern species from work areas encountered during construction as necessary. A qualified biologist shall capture and relocate any California Special Concern species or other special-status species (if present) to suitable habitat outside of the area of impact. Observations of California Special Concern species or other special-status species shall be documented on California Natural Diversity Database forms and submitted to CDFW and the San Luis Obispo County Environmental Coordinator, or its designee, upon project completion.</p>	<p>Permission</p>		
<p>MM 2.3-1f</p>	<p>Prior to commencement of construction, the County shall implement recommended avoidance and minimization measures for CRLF provided under the <i>Programmatic Biological Opinion for Projects Funded or Approved Under the Federal Aid Program</i> as noted in the Natural Environment Study (Technical Appendix T3 of the DEIR) and as summarized below. These measures include, but are not limited to, the following:</p> <ol style="list-style-type: none"> 1. Prior to ground disturbance, a USFWS-approved biologist shall survey the project area no more than 48 hours before the onset of work activities. If any life stage of the CRLF is found and these individuals are likely to be killed or injured by work activities, the approved biologist shall be allowed sufficient time to move them from the site before work activities begin. The USFWS-approved biologist shall relocate the California red-legged frogs the shortest distance possible to a location that contains suitable habitat and will not be affected by the activities associated with the project. The USFWS-approved biologist shall maintain detailed records of any individuals that are moved (e.g., size, coloration, any distinguishing features, photographs [digital preferred]) to assist him or her in determining whether translocated animals are returning to the point of capture. 2. Prior to any activities beginning on the project site, a USFWS-approved biologist shall conduct a training session for all construction personnel. At a minimum, 	<ul style="list-style-type: none"> • Submittal of Survey Results and Biological Monitoring Reports, • Review and Approval of Worker Environmental Training Program 	<ul style="list-style-type: none"> • Prior to Construction 	<ul style="list-style-type: none"> • County • Contractor

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Mitigation Measure	Requirements of Measure	Compliance Method	Verification/ Timing	Responsible Party
	<p>the training shall include a description of the California red-legged frog and its habitat, the specific measures that are being implemented to conserve the CRLF for the current project, and the boundaries within which the project may be accomplished. Brochures, books, and briefings may be used in the training session, provided that a qualified person is on hand to answer any questions.</p> <ol style="list-style-type: none"> 3. A USFWS-approved biologist shall be present at the work site until all CRLFs have been removed, workers have been instructed, and disturbance of the habitat has been completed. After this time, the state or local sponsoring agency shall designate a person to monitor on-site compliance with all minimization measures as required under the Habitat Mitigation and Monitoring Plan. 4. All refueling, maintenance, and staging of equipment and vehicles shall occur at least 60 feet (18 meters) from the riparian habitat or water bodies and not in a location from which a spill would drain directly toward aquatic habitat. The monitor shall ensure contamination of habitat does not occur during such operations. 5. Project areas 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 shall be controlled to the maximum extent practicable. This measure shall be implemented in all areas disturbed by activities associated with the project, unless the USFWS and Caltrans determine that it is not feasible or modification of original contours would not benefit the CRLF. 6. The number of access routes, size of staging areas, and the total area of activity shall be limited to the minimum necessary. 7. Work shall be scheduled for the times of the year when impacts to the CRLF would be minimal. For 			

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Mitigation Measure	Requirements of Measure	Compliance Method	Verification/ Timing	Responsible Party
	<p>example, work that would affect large pools that may support breeding would be avoided, to the maximum degree practicable, during the breeding season (November through May). Isolated pools that are important to maintain California red-legged frogs through the driest portions of the year would be avoided, to the maximum degree practicable, during the late summer and early fall.</p> <p>8. Best management practices (BMPs) shall be implemented to control sedimentation during and after project implementation.</p> <p>9. If a work site is to be temporarily dewatered by pumping, intakes shall be completely screened with wire mesh not larger than 0.2 inch (5 mm) to prevent California red-legged frogs from entering the pump system. Water shall be released or pumped downstream at an appropriate rate to maintain downstream flows during construction.</p> <p>10. Water shall not be impounded in a manner that may attract CRLFs.</p> <p>11. Exotic species, such as bullfrogs (<i>Rana catesbeiana</i>), crayfish, and centrarchid fishes shall be permanently removed by a USFWS-approved biologist to the maximum extent possible.</p> <p>12. The use of herbicides is prohibited as the primary method to control invasive, exotic plants along the pathway, except in areas of managed agriculture, where use of pesticides (including herbicides) is regulated by the California Food and Agriculture Code.</p> <p>Evidence of compliance with the recommended avoidance and minimization measures for CRLF shall be submitted to the San Luis Obispo County Environmental Coordinator on a quarterly basis</p>			
MM 2.3-2a	Prior to construction, the County shall document on all final construction documents that vegetation removal shall occur outside of the nesting season (September 1 to February 14), wherever possible, to prevent birds from nesting within areas	<ul style="list-style-type: none"> • Review and Approval of Final Construction Documents 	<ul style="list-style-type: none"> • Prior to construction 	<ul style="list-style-type: none"> • County • Contractor

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	of disturbance during or just prior to construction. These timing requirements shall confirmed by the San Luis Obispo County Environmental Coordinator, or its designee.			
MM 2.3-2b	<p>If construction activities are proposed to occur during the typical nesting season (February 15 to August 31) within 200 feet (60 meters) of potential nesting habitat or 100 feet of the existing South Higuera bridge, the County shall have a qualified biologist conduct pre-construction surveys for nesting birds (including swallows) in potential nesting habitat. Pre-construction surveys shall be conducted at least two weeks prior to construction to determine presence/absence of nesting birds within the project area. The USFWS and/or the CDFW shall be contacted if any listed bird species are observed during surveys and consulted for additional guidance if nesting birds are observed within or near the boundaries of the project site. Nests, eggs, or young of birds covered by the Migratory Bird Treaty Act and the California Fish and Game Code shall not be moved or disturbed until the end of the nesting season or until young fledge, whichever is later, nor shall adult birds be killed, injured, or harassed at any time. Work activities shall be avoided within 100 feet (30 meters) of active bird nests and 200 feet (60 meters) of active raptor nests until young birds have fledged and left the nest. Readily visible exclusion zones shall be established by a qualified biologist in areas where active nests must be avoided. Results of the pre-construction surveys shall be submitted to the San Luis Obispo County Environmental Coordinator, or its designee, upon completion and prior to construction.</p>	<ul style="list-style-type: none"> • Submittal of Pre-Construction Survey Results and Biological Monitoring Reports 	<ul style="list-style-type: none"> • Prior to Construction 	<ul style="list-style-type: none"> • County

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MM 2.3-3a	<p>Wherever work is to occur within 100 feet (30 meters) of bridges or other artificial structures capable of supporting bat roosts, the County shall have a qualified biologist conduct pre-construction surveys (at least two at dawn and two at dusk) for bat roosts. Pre-construction surveys shall be conducted at least 30 days prior to construction to determine whether bats are roosting in these structures. The biologist(s) conducting the pre-construction surveys will also identify the nature of the bat utilization of the bridge (i.e., no roosting, night roost, day roost, maternity roost). Results of the pre-construction surveys shall be submitted to the San Luis Obispo Environmental Coordinator, or its designee, upon completion and prior to work commencing within 100-feet of existing structures that are capable of supporting bat roosts.</p>	<ul style="list-style-type: none"> • Submittal of Pre-Construction Survey Results 	<ul style="list-style-type: none"> • Prior to Commencing Construction activity within 100-feet of existing Structures 	<ul style="list-style-type: none"> • County
MM 2.3-3b	<p>If roosting bats are identified during surveys conducted as a result of implementation of mitigation measure MM 2.3-3a, the County shall implement the following measures during construction:</p> <ol style="list-style-type: none"> 1. Readily visible exclusion zones shall be established in areas where roosts must be avoided. 2. If there is only night roosting by bats, work may proceed as normal, provided that no nighttime work is scheduled. <p>If there is day roosting by bats (or night roosting and work during nighttime), qualified biologists shall monitor any construction activities within 100 feet (30 meters) for disturbance to bat roosting. If bat roosting behavior is determined to be adversely impacted by construction activities, construction must be avoided in the vicinity of bat roosts until either bats are no longer roosting or they have been excluded from roosting.</p> <p>If maternity roosts are detected, construction activities must be avoided within 100 feet (30 meters) of an active maternity roost until the end of the maternity roosting season, which typically occurs during the spring and summer months.</p>	<ul style="list-style-type: none"> • Submittal of pre-construction Survey Results and Biological Monitoring Reports 	<ul style="list-style-type: none"> • Prior to Construction, • During Construction 	<ul style="list-style-type: none"> • County

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MM 2.3-4a	Prior to commencement of construction, the County shall retain a qualified biological monitor(s) approved by all involved regulatory agencies to ensure compliance with avoidance and minimization measures within the project environmental documents. Monitoring will occur throughout the length of construction or as directed by the regulatory agencies. Full-time monitoring will occur during vegetation removal and erosion control installation. Monitoring may be reduced to part time once construction activities are under way and the potential for additional impacts is reduced. Monitoring reports shall be submitted to the San Luis Obispo County Environmental Coordinator, or its designee, on a quarterly basis or as specified by specific mitigation measures.	<ul style="list-style-type: none"> • Submittal of Biological Monitoring Reports 	<ul style="list-style-type: none"> • Prior to Construction 	<ul style="list-style-type: none"> • County
MM 2.3-4b	During construction, the biological monitor(s) will ensure that the spread or introduction of invasive exotic plant species will be avoided to the maximum extent possible. When practicable, invasive exotic plants on the project site (such as <i>Arundo donax</i>) will be removed and properly disposed.	<ul style="list-style-type: none"> • Submittal of Biological Monitoring Reports 	<ul style="list-style-type: none"> • During Construction 	<ul style="list-style-type: none"> • County
MM 2.3-4c	Any construction activities across SLO Creek shall take place between June 15 and October 31 in any given year, or as otherwise directed by the regulatory agencies, when the surface water is likely to be dry or at seasonal minimum. Deviations from this work window will only be made with permission from the relevant regulatory agencies.	<ul style="list-style-type: none"> • Review and Approval of Final Construction Management Plan 	<ul style="list-style-type: none"> • Prior to Approval of Final Construction Management Plan 	<ul style="list-style-type: none"> • County
MM 2.3-4d	Prior to commencement of construction, the County shall clearly flag or fence the project site so that the contractor is aware of the limits of allowable site access and disturbance. Areas within the designated project site that do not require regular access will be clearly flagged as off-limit areas to avoid/discourage unnecessary damage to sensitive habitats or existing vegetation within the project site.	<ul style="list-style-type: none"> • Review and Approval of Final Construction Management Plan 	<ul style="list-style-type: none"> • Prior to Construction 	<ul style="list-style-type: none"> • County • Contractor

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Mitigation Measure	Requirements of Measure	Compliance Method	Verification/ Timing	Responsible Party
MM 2.3-4e	<p>Prior to commencement of construction, the County shall prepare a Hazardous Materials (HAZMAT) Response Plan to allow for a prompt and effective response to any accidental spills. Upon completion of the HAZMAT Response Plan it shall be submitted to the San Luis Obispo County Environmental Coordinator, or its designee, to ensure compliance.</p> <p>All workers shall be informed of the importance of preventing spills and of the appropriate measures to take should a spill occur. During construction, all project-related hazardous materials spills within the project site will be cleaned up immediately. Spill prevention and cleanup materials will be on site at all times during construction.</p> <p>The HAZMAT Response Plan shall allow the cleaning and refueling of equipment and vehicles occur only within a designated staging area, which shall be located at least 60 feet from wetlands, other waters, or other aquatic areas. This staging area will conform to best management practices (BMPs) applicable to attaining zero discharge of stormwater runoff. At a minimum, all equipment and vehicles will be checked and maintained on a daily basis to ensure proper operation and to avoid potential leaks or spills.</p>	<ul style="list-style-type: none"> • Review and Approval of Hazardous Materials Response Plan • Submittal of Worker Training Sign in Sheets 	<ul style="list-style-type: none"> • Prior to Construction 	<ul style="list-style-type: none"> • County

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Mitigation Measure	Requirements of Measure	Compliance Method	Verification/ Timing	Responsible Party
MM 2.3-4f	<p>Prior to commencement of construction, the County shall have a qualified arborist prepare a tree removal plan that minimizes the trimming and removal of trees to the extent feasible. Upon completion of the tree removal plan it shall be submitted to the San Luis Obispo County Environmental Coordinator, or its designee, to ensure compliance. To avoid the potential for unnecessary removal or trimming of trees, any trees to be removed shall be marked with colored flagging or other suitable material. Trees to be trimmed shall be similarly marked but with a different color to differentiate them from trees to be removed. Unmarked trees shall not be removed or trimmed. After construction, any loss of riparian trees shall be replaced at a minimum 3:1 replacement ratio, or as otherwise directed by the regulatory agencies. Methods for riparian vegetation replacement shall be incorporated into the final Habitat Mitigation and Monitoring Plan.</p>	<ul style="list-style-type: none"> • Review and Approval of Tree Removal Plan and Final Habitat Mitigation and Monitoring Plan 	<ul style="list-style-type: none"> • Prior to Construction • Project Completion 	<ul style="list-style-type: none"> • County
MM 2.3-4g	<p>Prior to commencement of construction, the County shall prepare and incorporate into final construction documents an erosion control plan and stormwater pollution prevention plan (SWPPP) for the project. Provisions of these plans shall be implemented during and after construction as necessary to avoid and minimize erosion and stormwater pollution in and near the work area. The SWPPP shall include erosion control measures to be implemented during and after project implementation (refer to Appendix L of the Natural Environment Study including in Technical Appendix T3 of the DEIR). Silt fencing, fiber rolls, and barriers (e.g., hay bales) will be installed between the project site and adjacent wetlands and other waters. No synthetic plastic mesh products shall be used in any erosion control materials. At a minimum, silt fencing will be checked and maintained on a daily basis throughout the construction period. The contractor shall also apply adequate dust control techniques, such as site watering, during construction. The San Luis Obispo County Environmental Coordinator, or its designee, shall ensure compliance with the SWPPP throughout the duration of the proposed project.</p>	<ul style="list-style-type: none"> • Review and Approval of Final Construction Management Plans Including Erosion Control Plan and Stormwater Pollution Prevention Plan (SWPPP) 	<ul style="list-style-type: none"> • Prior to Construction 	<ul style="list-style-type: none"> • County • Contractor

Exhibit H

Mitigation Measure	Requirements of Measure	Compliance Method	Verification/ Timing	Responsible Party
MM 2.3-4h	<p>Prior to commencement of construction, the County shall prepare a construction management plan that identifies the rules and requirements of the job site. Upon completion of the construction management plan it shall be submitted to the San Luis Obispo County Environmental Coordinator, or its designee, to ensure compliance. The construction management plan shall reference other applicable plans (i.e., SWPPP, HAZMAT Response Plan, employee training program, etc.), identify construction hours, contact names and numbers, and other specific management requirements, including, but not limited to, the following:</p> <ol style="list-style-type: none"> 1. During construction, trash will be contained, removed from the work site, and disposed of regularly. Following construction, all trash and construction debris will be removed from work areas. All vegetation removed from the construction site shall be taken to a certified landfill to prevent the spread of invasive species. If soil from weedy areas (such as areas with poison hemlock or other invasive exotic plant species) must be removed off site, the top 6 inches containing the seed layer in areas with weedy species shall be disposed of at a certified landfill. 2. During construction, no pets will be allowed on the construction site. 	<ul style="list-style-type: none"> • Review and Approval of Construction Management Plan 	<ul style="list-style-type: none"> • Prior to Construction 	<ul style="list-style-type: none"> • County
MM 2.3-7	<p>Prior to construction, the County shall ensure that the final alignment of the Bob Jones Pathway avoids impacts to southern California black walnut trees to the extent practicable. If southern California black walnut trees cannot be avoided and must be removed or trimmed during construction, their loss shall be mitigated at a 4:1 restoration ratio for every walnut tree removed and at a 2:1 ratio for every walnut tree trimmed or otherwise impacted but not removed. If more than 25 percent of a walnut tree must be trimmed, it shall be mitigated at a 4:1 restoration ratio.</p>	<ul style="list-style-type: none"> • Review and Approval of Habitat Mitigation and Monitoring Plan 	<ul style="list-style-type: none"> • Prior to construction 	<ul style="list-style-type: none"> • County
Cultural Resources				
MM 2.4-1b	<p>Prior to construction of any improvements at the Octagon Barn (Segment 1), the County shall submit detailed final</p>	<ul style="list-style-type: none"> • Review and Approval of Final 	<ul style="list-style-type: none"> • Prior to construction of any 	<ul style="list-style-type: none"> • County

Exhibit H

Mitigation Measure	Requirements of Measure	Compliance Method	Verification/ Timing	Responsible Party
	<p>improvement plans for the proposed trailhead improvements at the Octagon Barn Center to the County Environmental Coordinator, or its designee, for review and approval. The County Environmental Coordinator, or its designee, shall review the final plans to ensure consistency with the approved phased conditional use permit for the Octagon Barn Center project (DRC20010-00053). Design-level improvement plans shall identify all proposed structures and equipment, as well as proposed materials, and show elevations in relationship to existing buildings/structures.</p>	<p>Improvement Plans</p>	<p>Improvements In Segment 1</p>	
<p>MM 2.4-1c</p>	<p>If, during the course of constructing and implementing the proposed project, archaeological, paleontological, and cultural resources (i.e., prehistoric sites, historic sites, or isolated artifacts and features) are discovered, the contractor shall halt all ground disturbing activities immediately within 50 feet of the discovery, the San Luis Obispo County Environmental Coordinator, or its designee, shall be notified, and a professional archaeologist that meets the Secretary of the Interior's Professional Qualifications Standards and Guidelines in archaeology and/or history shall be retained by County to determine the significance of the discovery.</p> <p>The San Luis Obispo County Environmental Coordinator, or its designee, and the County shall consider mitigation recommendations presented by a professional archaeologist that meets the Secretary of the Interior's Professional Qualifications Standards and Guidelines in archaeology and/or history for any unanticipated discoveries. The San Luis Obispo County Environmental Coordinator, or its designee, and the County shall consult and agree upon implementation of a measure(s) that they deem feasible and appropriate. Such measures may include avoidance, preservation in place, excavation, documentation, curation, data recovery, or other appropriate measures. The County shall implement any mitigation necessary for the protection of archaeological, paleontological, and cultural resources.</p>	<ul style="list-style-type: none"> • Review and Approval of Final Construction Management Plan • Archaeologist Report 	<ul style="list-style-type: none"> • During Construction 	<ul style="list-style-type: none"> • County • Contractor
<p>Geology/Hydrology</p>				

Exhibit H

Mitigation Measure	Requirements of Measure	Compliance Method	Verification/ Timing	Responsible Party
Voluntary Mitigation Measures				
VMM 1.1- G/H1	Facility construction shall be programmed so as to reduce the potential for erosion. Considerations shall include timing to avoid the wet season (generally October 1 through April 15), and limiting the extent of exposed area either through staggering project phases or through a rapid revegetation program. Any construction activity which will involve disturbance of one acre or more will require permitting through the RWQCB NPDES program. All necessary permits will be obtained prior to construction.	<ul style="list-style-type: none"> • Review of Final Construction Management Plan including Schedule 	<ul style="list-style-type: none"> • Prior to Construction 	<ul style="list-style-type: none"> • County
VMM 1.1- G/H2	The construction program shall minimize temporary impacts to stormwater flow and drainage by incorporating best management practices. Available BMPs are numerous, and include, but are not limited to, staging area control measures such as proper stockpile maintenance, perimeter control measures such as straw wattle and sandbagging, and internal control measures such as temporary sediment basins. Activities subject to the NPDES permitting program will include these measures in their Stormwater Pollution Prevention Plan (SWPPP).	<ul style="list-style-type: none"> • Review of Final Construction Management Plan including Schedule 	<ul style="list-style-type: none"> • Prior to Construction 	<ul style="list-style-type: none"> • County
VMM 1.1- G/H3	Facilities shall be designed to as to minimize the amount and rate of off-site runoff. No matter the technology used, the facility shall provide sufficient stormwater infrastructure to minimize off-site increases in runoff volume or rate. Facilities shall incorporate, where necessary, appropriate and feasible, measures such as: <ol style="list-style-type: none"> 1. Permeable paving or surfacing materials. 2. Bioswales or linear depressions in lieu of hard pipe/single outfall options. 3. Natural topographic features to direct/disperse flow. 4. Conjunctive use of recreational facilities to direct and disperse flow. 5. Vegetated buffers. 6. Retention basins (dispersed, small/shallow basins are preferred to single, deep and large basins). 	<ul style="list-style-type: none"> • Review of Final Design Plans • Review of Final Construction Management Plans including Construction BMPs 	<ul style="list-style-type: none"> • Prior to Construction • During Construction 	<ul style="list-style-type: none"> • County • Contractor

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Mitigation Measure	Requirements of Measure	Compliance Method	Verification/ Timing	Responsible Party
	Other energy-dissipating structures.			
VMM 1.1- G/H4	Facilities shall be maintained so as to minimize the potential for long-term erosion and to ensure rapid response to emerging erosion problems. Trails, and unsurfaced parking or staging areas, among other facilities, shall be inspected on an ongoing basis, at least prior to and after the rainy season, to ensure emerging erosion problems are addressed. Ongoing problems may require surfacing, facility closure, redesign, or revegetation.	<ul style="list-style-type: none"> Review of Operation and Maintenance Plan 	<ul style="list-style-type: none"> Post Construction 	<ul style="list-style-type: none"> County
VMM 1.1- G/H5	Facilities shall be operated in a manner which minimizes ongoing impacts to drainage patterns and water quality. The County shall ensure that all installed measures and technologies are maintained in proper function. Stormwater infrastructure shall be inspected at least prior to and after the rainy season to include functionality; any needed repairs or alternative measures shall be pursued as soon as possible following discovery.	<ul style="list-style-type: none"> Review of Operation and Maintenance Plan 	<ul style="list-style-type: none"> Post Construction 	<ul style="list-style-type: none"> County
Noise				
Voluntary Mitigation Measures				
VMM 1.1-N1	Where construction activities will take place near sensitive receptors, the County Noise Ordinance for construction activities, which limits hours of operation, shall apply.	<ul style="list-style-type: none"> Review of Construction Management Plans including Schedule 	<ul style="list-style-type: none"> During Construction 	<ul style="list-style-type: none"> County Contractor
Transportation and Circulation				
Voluntary Mitigation Measures				
VMM 1.1 – TRA1	Facilities shall provide adequate parking such that surrounding area streets are not adversely impacted.	<ul style="list-style-type: none"> Review of Final Design Plans 	<ul style="list-style-type: none"> Prior to Construction 	<ul style="list-style-type: none"> County
VMM 1.1 – TRA2	Construction activities shall deploy signage, cones, and public notice, among other measures subject to the approval of the County Public Works Department, to minimize potential hazards	<ul style="list-style-type: none"> Review of Construction Management Plan 	<ul style="list-style-type: none"> Prior to Construction During 	<ul style="list-style-type: none"> County

Exhibit H

Mitigation Measure	Requirements of Measure	Compliance Method	Verification/ Timing	Responsible Party
			Construction	
Mitigation Measures				
MM 2.6.2-1	Prior to final design approval, the County shall design the proposed project consistent with the requirements of the San Luis Obispo County 2011 Public Improvement Standards and Caltrans' Manual for Uniform Traffic Control Devices. The final design shall be subject to review and approval by the San Luis Obispo County Department of Public Works.	<ul style="list-style-type: none"> • Review and Approval of Final Design Plans 	<ul style="list-style-type: none"> • Prior to Approval of Final Design Plans 	<ul style="list-style-type: none"> • County
MM 2.6.2-2	<p>A single at-grade crossing of South Higuera Street to accommodate a connection to the City's portion of the pathway would be designed consistent with San Luis Obispo County's <i>2011 Public Improvement Standards</i>. The final design of a single at-grade crossing of South Higuera Street shall be included in the design of the future Buckley Road extension, which will include a signalized intersection at South Higuera Street. An interim at-grade crossing of South Higuera Street may be acceptable prior to the construction of the signalized intersection under the following circumstances:</p> <ol style="list-style-type: none"> 1. Prior to final design approval, the County shall review and approve a design for a single interim at-grade crossing on South Higuera Street. 2. The location of this single interim at-grade crossing shall be coordinated with the City of San Luis Obispo and the San Luis Obispo County Department of Public Works. 3. The San Luis Obispo County Department of Public Works shall ensure that the design of the at-grade crossing is consistent with the San Luis County 2011 Public Improvement Standards and Caltrans' Manual for Uniform Traffic Control Devices. Necessary safety features may include, but are not limited to, the following design features as deemed appropriate to provide a safe crossing: <ul style="list-style-type: none"> • Use of flashing lights, roadway striping, or changes in pavement texture. • Signing for path users shall include a standard 	<ul style="list-style-type: none"> • Review and Approval of Final Design Plans 	<ul style="list-style-type: none"> • Prior to Approval of Final Design Plans • Post Construction 	<ul style="list-style-type: none"> • County • The Land Conservancy • City of San Luis Obispo

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Mitigation Measure	Requirements of Measure	Compliance Method	Verification/ Timing	Responsible Party
	<p>“STOP” sign and pavement marking, combined with other features such as bollards to slow bicyclists.</p> <ul style="list-style-type: none"> • For path users, directional signs and street names at crossings to help direct people to their destinations. • For motorists, a sign reading “Path Xing” along with a path emblem or logo to both warn and promote use of the path itself. • A median stripe on the path approach to organize and warn path users. • Crosswalk striping in accordance with local and state preference, possibly accompanied by pavement treatments to help warn and slow motorists. <p>The interim at-grade crossing shall be abandoned with construction of the Buckley Road extension and relocated to the south side of the new Buckley Road/South Higuera Street signalized intersection.</p>			
MM 2.6.3-1	<p>Prior to final design approval, the County shall ensure that the project has been designed to provide the following:</p> <ol style="list-style-type: none"> 1. Pathway landmarks or other location aids to allow an injured or ill party to convey location to emergency responders for party locating; 2. Provide emergency access for a 20-ton fire engine to remote areas of the pathway; and 3. Informational signs, gate control, and weather monitoring to avoid flood hazards during storm events. <p>The environmental coordinator, or its designee, shall review the final improvement plans for consistency prior to commencing construction.</p>	<ul style="list-style-type: none"> • Review and Approval of Final Improvement Plans 	<ul style="list-style-type: none"> • Prior to Approval of Final Improvement Plans 	<ul style="list-style-type: none"> • County