

**MITIGATION MONITORING PROGRAM
OJAI VALLEY TRAIL BRIDGE AT SAN ANTONIO CREEK**

The following mitigation measures have been integrated into the proposed project.

**ISSUE 3: AIR QUALITY
Part 3.a Regional**

MITIGATION MEASURES

Air emissions reduction measures recommended by the Ventura County APCD Air Quality Assessment Guidelines (revised 2003) have been incorporated into the project as follows:

1. The area disturbed by clearing, grading, earth moving, or excavation operations shall be minimized to prevent excessive amounts of dust.
2. Pre-grading/excavation activities shall include watering the area to be graded or excavated before commencement of grading or excavation operations. Application of water (preferably reclaimed, if available) should penetrate sufficiently to minimize fugitive dust during grading activities.
3. All trucks shall be required to cover their loads as required by California Vehicle Code §23114.
4. All graded and excavated material, exposed soil areas, and active portions of the construction site, including unpaved on-site roadways, shall be treated to prevent fugitive dust. Treatment shall include, but not necessarily be limited to, periodic watering, application of environmentally-safe soil stabilization materials, and/or roll-compaction as appropriate. Watering shall be done as often as necessary and reclaimed water shall be used whenever possible.
5. Graded and/or excavated inactive areas of the construction site shall be monitored at least weekly for dust stabilization. Soil stabilization methods, such as water and roll-compaction, and environmentally-safe dust control materials, shall be periodically applied to portions of the construction site that are inactive for over four days. If no further grading or excavation operations are planned for the area, the area shall be seeded and watered until plant growth is evident, or periodically treated with environmentally-safe dust suppressants, to prevent excessive fugitive dust.
6. Signs shall be posted on-site limiting traffic to 15 miles per hour or less.
7. During periods of high winds (i.e., wind speed sufficient to cause fugitive dust to impact adjacent properties), all clearing, grading, earth moving, and excavation operations shall be curtailed to the degree necessary to prevent fugitive dust created by on-site activities and operations from being a nuisance or hazard, either off-site or on-site. The site superintendent/supervisor shall use

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his/her discretion in conjunction with the APCD in determining when winds are excessive.

8. Adjacent streets and roads shall be swept at least once per day, preferably at the end of the day, if visible soil material is carried over to adjacent streets and roads.
9. Personnel involved in grading operations, including contractors and subcontractors, shall be advised to wear respiratory protection in accordance with California Division of Occupational Safety and Health regulations.
10. Material stockpiles shall be enclosed, covered, stabilized, or otherwise treated as needed to prevent blowing fugitive dust off-site.
11. All project construction and site preparation operations shall be conducted in compliance with all applicable Ventura County APCD Rules and Regulations with emphasis on Rule 50 (Opacity), Rule 51 (Nuisance), Rule 55 (Fugitive Dust) and Rule 10 (Permits Required).
12. The County shall give preference to contractors that maximize fuel efficiency by using engines on construction equipment that are no more than ten years old or have equivalent carbon dioxide emissions of an engine ten years old or newer.
13. The County shall encourage engine electrification for off-road vehicles or other equipment used by its contractors on the project.
14. The County shall include a construction and demolition (C&D) plan that will result in at least 50 percent diversion of C&D waste through reuse of non-hazardous construction waste from disposal; and
15. The County shall haul building or construction materials that are not recyclable or re-usable for another project to the nearest waste disposal facility or C&D recycling facility rather than transporting such materials out of the area.

IMPLEMENTING MECHANISM:

The above mitigation measures are implemented through the Air Pollution Control District conditions of the MND.

MONITORING RESPONSIBILITY: Ventura County General Services Agency

MONITORING WORK PROGRAM:

Oversee the construction process paying particular attention to the type and usage of construction equipment. Review maintenance records of equipment and engines for consistency with manufacturer's specification, and conduct on-site inspection of grading and construction activities.

STANDARD OF COMPLIANCE:

Construction equipment is operated in accordance with applicable APCD laws and regulations. Construction equipment engines are maintained and tuned in

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accordance with manufacturer's specifications and there are no excessive emissions. All APCD requirements and other applicable codes and conditions are met. Compliance is achieved with all recommendations outlined in the above mitigation measures.

ISSUE 4: WATER RESOURCES

Part 4.b

MITIGATION MEASURES

The project would require coverage under the General Permit for Storm Water Discharges Associated with Construction Activity (Water Quality Order 99-08-DWQ). As required by the conditions of the General Permit, a Storm Water Pollution Prevention Plan (SWPPP) would be prepared, which would include best management practices to be implemented and a monitoring program. The intent of the SWPPP would be to prevent construction pollutants from contacting storm water and prevent products of erosion from moving off-site into receiving waters.

The following Best Management Practices shall be incorporated into the SWPPP to minimize potential water quality, hydraulic hazards and hazardous materials impacts. These impacts would be mitigated to a less than significant level with the implementation of these measures.

16. All ground disturbance shall be limited to the dry season or periods when rainfall is not predicted, to minimize erosion and sediment transport to surface waters;
17. Disturbed areas where work has been completed shall be stabilized or vegetated prior to the start of the rainy season;
18. Straw wattles (or equivalent measures) shall be used to trap suspended sediment downstream of the project site during creation and destruction of the diversion berm;
19. Groundwater discharged to surface waters shall be allowed to settle to reduce suspended sediment, prior to such discharge;
20. Impacts to vegetation within and adjacent to the project site shall be minimized. The work area shall be flagged to identify its limits prior to clearing and grubbing. Vegetation shall not be removed or intentionally damaged beyond these limits.
21. Construction materials and soil piles shall be placed in designated areas where they could not enter stream flow due to spillage or erosion.
22. Waste and debris generated during construction shall be stored in designated waste collection areas and containers away from watercourses, and shall be disposed of regularly.
23. All fueling of heavy equipment shall occur in a designated area removed from San Antonio Creek and the Ventura River, such that any spillage would not enter surface waters. The designated area shall include a drain pan or drop cloth and absorbent materials to clean up spills.
24. Vehicles and equipment shall be maintained properly to prevent leakage of hydrocarbons and coolant, and shall be examined for leaks on a daily basis. All

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maintenance shall occur in a designated offsite area. The designated area shall include a drain pan or drop cloth and absorbent materials to clean up spills.

25. Any accidental spill of hydrocarbons or coolant that may occur on the construction site shall be cleaned immediately. Absorbent materials shall be maintained on the construction site for this purpose. The Regional Board shall be notified immediately in the event of an accidental spill to ensure proper clean up and disposal of waste.

IMPLEMENTING MECHANISM:

The above mitigation measures are implemented through the Ventura County Watershed Protection District conditions of the MND.

MONITORING RESPONSIBILITY: Ventura County General Services Agency

MONITORING WORK PROGRAM:

Review the Storm Water Pollution Prevention Plan to verify that it addresses all applicable measures to be taken and that it includes responsible personnel for implementation and monitoring. Conduct on-site visits during pre-construction and construction phases of the project to ensure that the plan is available on-site at all times.

STANDARD OF COMPLIANCE:

The Storm Water Pollution Prevention Plan is prepared and implemented in accordance with applicable codes, laws and regulations. The Storm Water Pollution Prevention Plan is available, on-site and accessible.

ISSUE 6: BIOLOGICAL RESOURCES

MITIGATION MEASURES

The following measures would be fully implemented to offset potential inconsistencies with the wetland policies of the General Plan, and to prevent significant impacts to listed species and compensate for temporary impacts to wetlands and sensitive communities.

26. All construction work affecting surface waters shall be conducted during the dry season (April 1 to October 1) when locally important species are less likely to be present.
27. A habitat mitigation and monitoring plan shall be developed in coordination with regulatory agencies (Corps of Engineers, California Department of Fish and Game), with the goal to replace wetlands, aquatic and riparian habitat, and oak trees removed during construction.
28. The mitigation plan shall be fully implemented, and monitored and maintained to ensure success.
29. A pre-construction survey(s) shall be conducted by a qualified biologist to determine the presence of listed wildlife species in the immediate project area. These surveys shall include protocol surveys for least Bell's vireo.
30. A qualified biologist shall monitor construction activities on a periodic basis and survey for listed species.
31. If active least Bell's vireo nests are found in the project area during the pre-construction survey or during monitoring, construction activities shall be postponed or re-directed near active nests, until the young have fledged or the nest is abandoned.
32. If California red-legged frog is found within the work area during construction, they shall be relocated by a qualified biologist under the authorization of a project-specific Biological Opinion.
33. If large trout (presumed steelhead) are found during the pre-construction survey, steelhead shall be coaxed into moving out of the work area under the authorization of a project-specific Biological Opinion.
34. Existing surface flow in San Antonio Creek and the Ventura River shall be diverted prior to excavation or other heavy equipment activity as needed to minimize use of heavy equipment in surface water.
35. Surface water shall not be diverted until the diversion berm is completed and a clear flow path for the water has been established.
36. Qualified biologists shall be present during flow diversion activities, and rescue stranded fish and California red-legged frog tadpoles under the authorization of a project-specific Biological Opinion, and relocate them to suitable undisturbed habitat.

37. A pre-construction survey(s) shall be conducted by a qualified biologist to determine the presence of special-status wildlife species in the immediate project area.
38. If southwestern pond turtle and/or two-striped garter snake are found in the project area, qualified biologists shall be present during construction to detect and relocate these species to suitable habitat in areas that would not be affected by construction.
39. If nesting migratory birds are found in the project area, construction activities shall be postponed or re-directed near active nests, until the young have fledged or the nest is abandoned.
40. If nesting special-status bird species (including raptors) are found in the project area, construction activities shall be postponed or re-directed near active nests, until the young have fledged or the nest is abandoned.

The above mitigation measures would be fully implemented to prevent significant impacts to non-listed special-status wildlife species and their habitat and reduce construction-related impacts to listed species to a level of less than significant.

Part 6.b Wetland Habitat

Mitigation

Impacts would be mitigated through revegetation of the construction work area with native riparian species (see mitigation measures listed in Part 6.a), resulting in an increase in the quality of wetlands, and the minimal loss of locally important species habitat during construction. Overall, these mitigation measures would reduce impacts to locally important species and communities to a level of less than significant.

Part 6.d Migration Corridors

Mitigation

The following measures (in combination with measures listed under Part 6.a) shall be incorporated into the project and fully implemented to prevent significant impacts to non-listed special-status species and their habitat.

41. A pre-construction survey(s) shall be conducted by a qualified biologist to determine the presence of special-status wildlife species in the immediate project area.
42. If southwestern pond turtle and/or two-striped garter snake are found in the project area, qualified biologists shall be present during construction to detect and relocate these species to suitable habitat in areas that would not be affected by construction.

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43. If nesting migratory birds are found in the project area, construction activities shall be postponed or re-directed near active nests, until the young have fledged or the nest is abandoned.
44. If nesting special-status bird species (including raptors) are found in the project area, construction activities shall be postponed or re-directed near active nests, until the young have fledged or the nest is abandoned.

IMPLEMENTING MECHANISM:

The above mitigation measures are implemented through the Planning Division conditions of the MND.

MONITORING RESPONSIBILITY: California Department of Fish and Game (CDFG), US Army Corps of Engineers (ACOE), and Ventura County General Services Agency

MONITORING WORK PROGRAM:

Review applications for CDFG 1603 Streambed Alteration Agreement and ACOE Section 404 Permit to ensure that contents of application are consistent with grading and site construction plans. Oversee biological field surveys by a qualified biologist for consistency with the Migratory Bird Treaty Act and California Fish and Game Code. Review landscape restoration plan and verify the utilization of plant palette of native plant materials.

STANDARD OF COMPLIANCE:

CDFG and ACOE conditions as well as all conditions set forth in the MND are met. No construction activity is conducted within nest zone until young birds have fledged a determined by a qualified biologist. All applicable federal state and local laws and regulations are met.

ISSUE 10: CULTURAL RESOURCES

Part 10.a Archeological Resources

MITIGATION MEASURES

The following mitigation measures are consistent with the guidelines of the State Office of Historic Preservation and the Native American Heritage Commission and shall be incorporated into the project to prevent significant impacts, should resources be found during excavation.

45. In the event that archeological resources are exposed during project construction, all earth disturbing work within the vicinity of the find shall be temporarily suspended or redirected until an archeologist has evaluated the nature and significance of the find. After the find has been appropriately mitigated, work in the area may resume.
46. If human remains are unearthed, State Health and Safety Code Section 7050.5 requires that no further disturbance shall occur until the County Coroner has made the necessary findings as to the origin and deposition pursuant to Public Resources Code Section 5097.98. If the remains are determined to be of Native American descent, the coroner has 24 hours to notify the Native American Heritage Commission.

Implementation of the above measures would reduce impacts to archeological resources to a level of less than significant.

IMPLEMENTING MECHANISM:

The above mitigation measures are implemented through the Planning Division conditions of the MND.

MONITORING RESPONSIBILITY: Ventura County General Services Agency

MONITORING WORK PROGRAM:

Oversee grading and construction to ensure all work is consistent with the guidelines of the Native American Heritage Commission should resources be found during construction, and all federal state and local laws and regulations are met.

STANDARD OF COMPLIANCE:

All conditions regarding cultural resources as set forth in the MND are met.

ISSUE 19: NOISE AND VIBRATION

MITIGATION MEASURES

The following measures shall be implemented to minimize construction noise impacts:

- 47. Work hours shall be limited to 7 a.m. to 7 p.m., Monday through Friday; with no work on weekends or holidays, except under emergency circumstances;
- 48. Trucks and equipment shall be operated with exhaust silencers in place and engine covers closed and in good repair; and
- 49. GSA shall inform residents adjacent to the project site of the construction schedule and periods of anticipated high noise levels (primarily pile driving).

IMPLEMENTING MECHANISM:

The above mitigation measures are implemented through the Planning Division conditions of the MND.

MONITORING RESPONSIBILITY: Ventura County General Services Agency

MONITORING WORK PROGRAM:

Oversee construction to ensure that all work hours and days are in accordance with the mitigation measures identified in the MND, and that trucks and equipment are operated properly and in good repair. Notices are posted at the project location to inform residents of the construction schedule and activities.

STANDARD OF COMPLIANCE:

All conditions regarding noise and vibration as set forth in the MND are met.

ISSUE 22: TRANSPORTATION/CIRCULATION

Part 22.c Pedestrian/Bicycle

MITIGATION MEASURES

The following measures shall be implemented to minimize temporary loss of use of the Ojai Valley Trail during bridge construction, and ensure safe operation of the Trail during construction.

- 50. Signage warning approaching OVT users about bridge construction shall be placed approximately 300 feet north and south of the work area;
- 51. A detour (including fencing) shall be provided around the bridge work area at the end of each work week to allow safe usage of the OVT on weekends.

IMPLEMENTING MECHANISM:

The above mitigation measures are implemented through Transportation Department conditions of the MND.

MONITORING RESPONSIBILITY: Ventura County General Services Agency

MONITORING WORK PROGRAM:

Oversee preparation and posting of warning and detour signs, fencing and routing plan around the work area in order to allow safe usage of the Ojai Valley Trail during construction.

STANDARD OF COMPLIANCE:

Post signs and place fencing to clearly and appropriately direct trail users to, from and around the construction area.