

OPR Summary Form for Electronic Document Submittal  
Additional Pages

Identify the project’s significant or potentially significant effects and briefly describe any proposed mitigation measures that would reduce or avoid that effect.

Potentially significant effects include impacts to Aesthetics, Air Quality, Biological Resources, Cultural Resources, Geology and Soils, Hazards and Hazardous Materials, Noise, Transportation, and Tribal Cultural Resources.

- **Aesthetics Mitigation Summary:** Should nighttime construction be required, mitigation requires the submittal of a construction safety lighting plan and all construction related lighting fixtures be oriented downward and away from sensitive areas.
- **Air Quality Mitigation Summary:** Air quality mitigation includes equipment engine specifications to meet Tier 4 final engine standards.
- **Biological Resources Mitigation Summary:** Biological resources mitigation includes nesting bird avoidance (including surveys), and compliance with tree protection ordinances, which would require a permit or permission from the applicable city must be obtained prior to cutting, trimming, pruning, or removing any tree, shrub or plant.
- **Cultural Resources Mitigation Summary:** Cultural resources mitigation includes the retention of a qualified archaeologist, cultural resource sensitivity training for all construction personnel, all ground disturbing work be temporarily suspended if cultural resources are discovered during construction to ensure appropriate procedures for preservation are conducted, and proper procedures be implemented in the event of an inadvertent discovery of human remains (correspondence with Orange County Coroner and NAHC)
- **Geology and Soils Mitigation Summary:** Geology and soils mitigation includes retention of qualified paleontologist and preparation of a paleontological resources impact mitigation program.
- **Hazards and Hazardous Materials Mitigation Summary:** Hazards and hazardous materials mitigation includes a hazardous materials survey, incorporation of abatement procedures for the removal of materials containing asbestos, lead, and universal waste items, a hazards contingency plan, and monitoring well protection.
- **Noise Mitigation Summary:** Noise mitigation includes public outreach, implementation of noise reduction measures for construction activities within 500 feet of noise sensitive receivers, nighttime noise reduction measures, and time of day restrictions for construction activities.

- Serving:*
- Anaheim
  - Brea
  - Buena Park
  - Cypress
  - Fountain Valley
  - Fullerton
  - Garden Grove
  - Huntington Beach
  - Irvine
  - La Habra
  - La Palma
  - Los Alamitos
  - Newport Beach
  - Orange
  - Placentia
  - Santa Ana
  - Seal Beach
  - Stanton
  - Tustin
  - Villa Park
  - County of Orange
  - Costa Mesa Sanitary District
  - Midway City Sanitary District
  - Irvine Ranch Water District
  - Yorba Linda Water District

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- Transportation Mitigation Summary: Transportation mitigation includes coordination with cities and Caltrans regarding construction activities and potential lane closures.
- Tribal Cultural Resources Mitigation Summary: Tribal cultural resources mitigation includes construction personnel training on recognizing tribal cultural resources, and appropriate procedures to follow if tribal cultural resources, human remains or grave goods are encountered; development of a plan with protocols for the discovery of resources that may qualify as tribal cultural resources, and a treatment plan for resource recovery; and notification and coordination with the most likely descendant in the event human remains are discovered that may be of Native American origin.