



County of Fresno

DEPARTMENT OF PUBLIC WORKS AND PLANNING
STEVEN E. WHITE, DIRECTOR

Mitigation Measures

Initial Study No. 7859

The following mitigation measures have been specifically applied to mitigate potential adverse environmental effects identified in the above environmental document. A change in these provisions may affect the validity of the current environmental document, and a new or amended environmental document may be required. All requirements shall be performed at the developer's expense and prior to issuance of development permits.

- 1. Prior to construction of the project, land under Williamson Act Contract to be acquired for permanent right-of-way purposes will be required to be removed from the Williamson Act Contract through the contract removal process (e.g. Cancellation, Non-Renewal or Public Acquisition Notice).*
- 2. Trees anticipated for removal should be removed prior to nesting season. The nesting season is from February 1 to September 30. If trees cannot be removed outside the nesting season and are anticipated to be removed during the nesting season, a preconstruction survey shall be conducted by a qualified biologist. If the survey shows that there is no evidence of active nests, then the tree shall be removed within ten days following the survey. If active nests are located within trees identified for removal, the qualified biologist shall establish an environmentally sensitive area around active nests until it is determined that young have fledged the nest.*
- 3. In the event that cultural resources are unearthed during ground-disturbing activities, all work shall be halted in the area of the find. An Archeologist shall be called to evaluate the findings and make any necessary mitigation recommendations. If human remains are unearthed during ground-disturbing activities, no further disturbance is to occur until the Fresno County Sheriff-Coroner has made the necessary findings as to origin and disposition. All normal evidence procedures should be followed by photos, reports, video, etc. If such remains are determined to be Native American, the Sheriff-Coroner must notify the Native American Commission within 24 hours.*
- 4. The Contractor shall include BMPs in the SWPPP or WPCP prepared for the project to minimize and prevent soil erosion as well as implement dust control using BMPs such as, but not limited to:*

A. Preservation of Existing Vegetation – The construction schedule will be arranged as much as practicable to leave existing vegetation undisturbed until immediately prior to grading. Existing vegetation provides many benefits such as soil stabilization and runoff infiltration. Thus, existing vegetation will be left undisturbed as much as possible. Unnecessary vegetation removal will be prevented by limiting the construction activities to only that absolutely necessary to complete the work.

B. Fiber Rolls – Temporary fiber roll will be installed and maintained at locations as deemed necessary during construction. Fiber roll shall be properly installed as shown in the Standard Plans and shall be installed level along parallel contours as shown in the Standard Plans and Specifications. Fiber roll shall be installed and maintained throughout the course of construction, regardless of season. Fiber roll shall be maintained when sediment reaches 1/3 the height of the exposed roll. The Contractor shall be responsible for repairing and replacing any damaged fiber roll. Vehicle and equipment traffic shall be kept off of fiber rolls to prevent damage. Fiber rolls shall be used as needed for sediment controls in storm water flow paths.

C. Temporary Gravel Bag Berm – Temporary gravel bag berms will be utilized where needed to control run-on and run-off. Temporary gravel bag berms shall also be placed at the edges of open trenches in paved areas as needed to control run-on if rain is anticipated. Gravel bag berms can also be used to control run-on and run-off when changing construction operations need a temporary and flexible alternative to silt fence or fiber roll.

D. Street Sweeping – Schedule and perform road sweeping and vacuuming as required by the Caltrans Standard Specifications and when deemed necessary based on site observations to keep streets clear of tracked materials and debris.

E. Wind Erosion Control – Prevent and alleviate dust by applying water, dust palliative, or both per the Caltrans Standard Specifications and by covering active and inactive stockpiles. Water may be applied using water trucks and/or water buffalos.

Mohammad Alimi, Design Division Manager

Date

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