

April 16, 2001

11-SD-5,805,56

PM R48.9/51.2

R43.9/46.5

0.7/T2.0

11275-0301U1

IN SAN DIEGO COUNTY AT VARIOUS LOCATIONS.

***CONSTRUCT CONTIGUOUS FREEWAY &
NEW INTERCHANGE (STAGE 2 & 3)***

STORM WATER QUALITY INFORMATION HANDOUT

The Route 5/805 Widening project is approximately 462 acres (187 hectares) in size, including ramps, shoulders, bridges, ramp connectors, and main lanes for traffic. Of these 462 acres, approximately 153 acres (62 hectares) will be disturbed and either planted with ground cover for permanent erosion control, seeded, mulched or paved. The paved areas will include roadways, ramps, bridges, ramp connectors, slopes under bridge structures, gore areas, and maintenance vehicle pullouts. This project also will construct retaining walls, and Plantable Geosynthetic Reinforced (PGR) walls.

The Water Pollution Control plans have been included in the contract document package showing locations for the placement of temporary BMPs and the package includes individual bid items in the estimate. The Water Pollution Control plans indicate storm and non-storm water BMPs, and are based on the Stage Construction of the project showing the locations where the temporary BMPs are used at each of the construction stages. Storm water BMPs include temporary fiber rolls, temporary gravel bags, rock slope protection, erosion control applications with two different seed types and temporary erosion control, which have been located on the Water Pollution Control plans. The design team has determined the locations of these BMPs that relate to new construction, or landscape areas. For this project, the temporary fiber rolls placement was designed to protect sediment movement from grading slope areas, and construction working areas. Temporary gravel bags are intended to protect the drainage inlets, and are used for check dams to slow down the water flows. Rock slope protection will be used to protect the existing surfaces next to the deck drain pipe outlets of the bridge columns. The Water Pollution Control plans have shown the Temporary erosion control type 2 for cut areas, and the Temporary erosion control type 3 for fill areas. Temporary Erosion Control with seed will be applied on all areas disturbed by construction activities when deemed necessary

for protection. The landscape team has designed the final landscape as the permanent soil stabilization for this project.

The non-storm water BMPs include temporary construction entrances and concrete washouts, which are located to provide cleaning of equipment tires, and washing of the concrete trucks and equipment respectively. The Engineer and the Contractor may negotiate changing the locations of the temporary construction entrances and the concrete washouts based on convenience to the construction sites. These BMPs may not affect undisturbed areas that are not already disturbed by construction activities, as requested by the Environmental Branch. The Engineer may direct the Contractor to use portable concrete washout instead of fixed concrete washout where deemed necessary.

The Contractor's SWPPP should reflect any amendments that may be needed as the Contractor evaluates the staging of work and site conditions.

As part of the environmental review process for this project, discussions have been initiated with the U.S. Fish and Wildlife Service, the California Department of Fish and Game, the U.S. Army Corps of Engineers, the Regional Water Quality Control Board and the California Coastal Commission, and coordination is ongoing.

An Amendment to the Biological Opinion for the Interstate 5/805 Widening Project (1-6-93-F-24) was issued by U.S. Fish and Wildlife Service on April 4, 2001. A copy of the amendment is included as Appendix A of this document.

A Section 404 Individual permit was obtained from the United States Army Corps of Engineers for this project on April 1, 1992. On September 13, 1990, the California Coastal Commission issued the Coastal Development permit. The California Department of Fish and Game 1601 Streambed Alteration Agreement was issued on July 10, 1999. All permits have been verbally extended and will be formally extended in writing as part of the permit amendments; all of which are expected in late spring of 2001 .