



California Regional Water Quality Control Board

San Diego Region



Linda S. Adams
Secretary for
Environmental
Protection

Over 50 Years Serving San Diego, Orange, and Riverside Counties
Recipient of the 2004 Environmental Award for Outstanding Achievement from USEPA

Arnold
Schwarzenegger
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9174 Sky Park Court, Suite 100, San Diego, California 92123-4340
(858) 467-2952 • Fax (858) 571-6972
[http:// www.waterboards.ca.gov/sandiego](http://www.waterboards.ca.gov/sandiego)

February 4, 2009

In reply refer to: WPC:08C-093:cmeans

Mr. Lou Melendez
California Department of Transportation
District 11, MS-242
4050 Taylor Street
San Diego, CA 92110

WDID:	9 000001869
<u>C/WQS</u>	
Reg. Measure ID:	358236
Place ID:	730528
Party ID:	7222
Person ID:	56591

SUBJECT: Action on Request for Clean Water Act Section 401 Water Quality Certification for Interstate 8/Greenfiled Auxiliary Lane Project Water Quality Certification No. 08C-093

Dear Mr. April:

Enclosed is the Clean Water Act Section 401 Water Quality Certification for the Interstate 8/Greenfiled Auxiliary Lane Project. A description of the project, and location can be found in the project information sheet, location map, and site maps which are included within Attachments 1 through 4. Any petition for reconsideration of this Certification must be filed with the State Water Resources Control Board within 30 days of certification action (23 CCR § 3867). If no petition is received, it will be assumed that Caltrans has accepted and will comply with all conditions of the Certification. Failure to comply with all conditions of this Certification will result in enforcement actions against Caltrans.

The heading portion of this letter includes a Regional Board code number noted after "In reply refer to:" In order to assist us in the processing of your correspondence please include this code number in the heading or subject line portion of all correspondence and reports to the Regional Board pertaining to this matter.

If you have any questions regarding this notification, please call Christopher Means directly at (858) 637-5581 or by email via cmeans@waterboards.ca.gov.

Respectfully,


JOHN H. ROBERTUS
Executive Officer

California Environmental Protection Agency

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our Web-site at <http://www.swrcb.ca.gov>.

Recycled Paper



Mr. April
401 Certification 08C-093

- 2 -

February 4, 2009

Enclosure:

Clean Water Act Section 401 Water Quality Certification No. 08C-093 for the Interstate 8/Greenfiled Auxiliary Lane Project.

CC: Refer to Attachment 2 of Certification 08C-093 for Distribution List.

California Environmental Protection Agency



Linda S. Adams
Acting Secretary for
Environmental
Protection

California Regional Water Quality Control Board San Diego Region



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Action on Request for Clean Water Act Section 401 Water Quality Certification and General Waste Discharge Requirements for Discharge of Dredged and/or Fill Materials

PROJECT: Interstate 8/Greenfiled Auxiliary Lane Project
(File No. 08C-093, WDID No. 9000001869)

APPLICANT:

Mr. Lou Melendez
California Department of Transportation
District 11, MS-242
4050 Taylor Street
San Diego, CA 92110

CIWQS:	
Reg. Measure ID:	358236
Place ID:	730528
Party ID:	7222

ACTION:

- | | |
|---|---|
| <input type="checkbox"/> Order for Low Impact Certification | <input type="checkbox"/> Order for Denial of Certification |
| <input checked="" type="checkbox"/> Order for Technically-conditioned Certification | <input type="checkbox"/> Waiver of Waste Discharge Requirements |
| <input checked="" type="checkbox"/> Enrollment in Order No. 2003-017 DWQ | <input type="checkbox"/> Enrollment in Isolated Waters Order No. 2004-004 DWQ |

The project proposes to construct an eastbound auxiliary lane on Interstate 8 from Second Street to Greenfield Avenue in the City of El Cajon. The project will also include sound abatement walls, drainage improvements, berms and landscaping. Seven new and replaced drainage structures will be constructed that will flow into Forrester Creek in a section of the creek that is completely concrete lined.

STANDARD CONDITIONS:

The following three standard conditions apply to all certification actions, except as noted under Condition 3 for denials (Action 3).

California Environmental Protection Agency

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Recycled Paper*



1. This certification action is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to section 13330 of the California Water Code and section 3867 of Title 23 of the California Code of Regulations (23 CCR).
2. This certification action is not intended and must not be construed to apply to any discharge from any activity involving a hydroelectric facility requiring a Federal Energy Regulatory Commission (FERC) license or an amendment to a FERC license unless the pertinent certification application was filed pursuant to 23 CCR subsection 3855(b) and the application specifically identified that a FERC license or amendment to a FERC license for a hydroelectric facility was being sought.
3. The validity of any non-denial certification action (Actions 1 and 2) must be conditioned upon total payment of the full fee required under 23 CCR section 3833, unless otherwise stated in writing by the certifying agency.

ADDITIONAL CONDITIONS:

In addition to the three standard conditions, the California Department of Transportation (Caltrans) must satisfy the following:

A. GENERAL CONDITIONS:

1. Caltrans must, at all times, fully comply with the engineering plans, specifications and technical reports submitted to the California Regional Water Quality Control Board, San Diego Region (Regional Board), to support this 401 Water Quality Certification and all subsequent submittals required as part of this certification and as described in Attachment 1. The conditions within this certification must supersede any conflicting provisions within such plans submitted prior to the certification action.
2. During construction, Caltrans must maintain a copy of this certification at the project site so as to be available at all times to site personnel and agencies.
3. Caltrans must permit the Regional Board or its authorized representative at all times, upon presentation of credentials:
 - a. Entry onto project premises, including all areas on which wetland fill or wetland mitigation is located or in which records are kept.
 - b. Access to copy any records required to be kept under the terms and conditions of this certification.
 - c. Inspection of any treatment equipment, monitoring equipment, or monitoring method required by this certification.
 - d. Sampling of any discharge or surface water covered by this Order.

4. Caltrans must notify the Regional Board within 24 hours of any unauthorized discharge, including hazardous or toxic materials, to waters of the U.S. and/or State; measures that were implemented to stop and contain the discharge; measures implemented to clean-up the discharge; the volume and type of materials discharged and recovered; and additional best management practice (BMPs) or other measures that will be implemented to prevent future discharges.
5. Caltrans must, at all times, maintain appropriate types and sufficient quantities of materials onsite to contain any spill or inadvertent release of materials that may cause a condition of pollution or nuisance if the materials reach waters of the U.S. and/or State.
6. In the event of any violation or threatened violation of the conditions of this certification, the violation or threatened violation must be subject to any remedies, penalties, process or sanctions as provided for under State law. For purposes of section 401(d) of the Clean Water Act, the applicability of any State law authorizing remedies, penalties, process or sanctions for the violation or threatened violation constitutes a limitation necessary to assure compliance with the water quality standards and other pertinent requirements incorporated into this certification.
7. In response to a suspected violation of any condition of this certification, the Regional Board may require the holder of any permit or license subject to this certification to furnish, under penalty of perjury, any technical or monitoring reports the Regional Board deems appropriate, provided that the burden, including costs, of the reports must bear a reasonable relationship to the need for the reports and the benefits to be obtained from the reports.
8. In response to any violation, or anticipated violation of the conditions of this certification, the Regional Board may add to or modify the conditions of this certification as appropriate to ensure compliance.
9. Caltrans must comply with the requirements of State Water Resources Control Board Water Quality Order No. 2003-0017-DWQ, Statewide General Waste Discharge Requirements for discharges of dredged or fill material that have received State Water Quality Certification. These General Waste Discharge Requirement are accessible at:
http://www.waterboards.ca.gov/cwa401/docs/generalorders/go_wdr401regulated_projects.pdf.

B. PROJECT CONDITIONS:

1. Prior to the start of the project Caltrans must educate all personnel on the requirements in this certification, pollution prevention measures, spill response, and BMP implementation and maintenance.

2. Caltrans must notify the Regional Board in writing at least 5 days prior to the actual commencement of dredge, fill, and discharge activities.
3. Caltrans must comply with the requirements of State Water Resources Control Board Water Quality Order No. 99-06-DWQ, NPDES No. CAS000003, the NPDES Permit for Statewide Storm Water Permit and Waste Discharge Requirements (WDRs) for the State of California, Department of Transportation (Caltrans), July 1999.
4. Water containing mud, silt, or other pollutants from equipment washing or other activities, must not be discharged to waters of the United States and/or the State or placed in locations that may be subjected to storm flows.
5. All surface waters, including ponded waters, must be diverted away from areas undergoing grading, construction, excavation, vegetation removal, and/or any other activity which may result in a discharge to the receiving water. Diversion activities must not result in the degradation of beneficial uses or exceedance of water quality objectives of the receiving waters. Any temporary dam or other artificial obstruction constructed must only be built from materials such as clean gravel which will cause little or no siltation. Normal flows must be restored to the affected stream immediately upon completion of work at that location.
6. Substances hazardous to aquatic life including, but not limited to, petroleum products, raw cement/concrete, asphalt, and coating materials, must be prevented from contaminating the soil and/or entering waters of the United States and/or State. BMPs must be implemented to prevent such discharges during each project activity involving hazardous materials.
7. Discharges of concentrated flow during construction or after completion must not cause downstream erosion or damage to properties or stream habitat.

C. POST CONSTRUCTION STORM WATER MANAGEMENT:

1. A bio-swale will be constructed to treat stormwater runoff from the project as described in the 401 certification application (Figure 4) submitted for this, and will be sized to treat a total of 21.1 acres of impervious and pervious surface (150% of total impervious surface within the project area).
2. Post-construction BMPs (Bio-swale) must be installed and functional prior to completion of of project. Caltrans will provide documentation that the proposed BMPs have been completed prior to the projects completion.

3. Caltrans assumes responsibility for the inspection and maintenance of all post-construction structural BMPs in perpetuity.
4. Caltrans will keep records regarding inspections and maintenance in order to assess the performance of the systems and determine whether adaptations are necessary to protect receiving waters. These records will be made available to the Regional Board upon request.

D. STREAM PHOTO DOCUMENTATION PROCEDURE:

1. Caltrans must conduct photo documentation of the project site, including areas of temporary impact, prior to and after project construction, including all areas of permanent and temporary impact, prior to and after project construction. Photo-documentation will be submitted to the Regional Board within 60 days of project completion.

E. REPORTING:

1. All information requested in this Certification is pursuant to California Water Code (CWC) section 13267. Civil liability may be administratively imposed by the Regional Board for failure to furnish requested information pursuant to CWC section 13268.
2. All reports and information submitted to the Regional Board must be submitted in both hardcopy and electronic format, with a cover referencing the subject project and certification number.
3. All applications, reports, or information must be submitted to:

Executive Officer
California Regional Water Quality Control Board
San Diego Region
Attn: 401 Certification No. 08C-088, Central Watershed Unit
9174 Sky Park Court, Suite 100
San Diego, California 92123

F. SIGNATORY REQUIREMENT

1. All applications, reports, or information submitted to the Regional Board must be signed as follows:
 - a) For a corporation, by a responsible corporate officer of at least the level of vice president.
 - b) For a partnership or sole proprietorship, by a general partner or proprietor, respectively.
 - c) For a municipality, or a state, federal, or other public agency, by either a principal executive officer or ranking elected official.

2. A duly authorized representative of a person designated in Items 1.a. through 1.c. above may sign documents if:
 - a) The authorization is made in writing by a person described in Items 1.a. through 1.c. above.
 - b) The authorization specifies either an individual or position having responsibility for the overall operation of the regulated activity.
 - c) The written authorization is submitted to the Regional Board Executive Officer.

3. All applications, reports, or information submitted to the Regional Board Executive Officer must be certified as follows:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."


REGIONAL WATER QUALITY CONTROL BOARD CONTACT PERSON:

Christopher Means
California Regional Water Quality Control Board, San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA 92123
858-637-5581
cmeans@waterboards.ca.gov

WATER QUALITY CERTIFICATION:

I hereby certify that the proposed discharge, **Interstate 8/Greenfiled Auxiliary Lane Project** (Certification No. 08C-093) will comply with the applicable provisions of sections 301 ("Effluent Limitations"), 302 ("Water Quality Related Effluent Limitations"), 303 ("Water Quality Standards and Implementation Plans"), 306 ("National Standards of Performance"), and 307 ("Toxic and Pretreatment Effluent Standards") of the Clean Water Act. This discharge is also regulated under State Water Board Order No. 2003-0017-DWQ, "General Waste Discharge Requirements for Dredged or Fill Discharges that have Received State Water Quality Certification," which requires compliance with all conditions of this Water Quality Certification. Please note that this certification is conditional and, should new information come to our attention that indicates a water quality problem, the Regional Board may issue waste discharge requirements at that time.

Except insofar as may be modified by any preceding conditions, all certification actions are contingent on (a) the discharge being limited and all proposed mitigation being completed in strict compliance with the applicants' project description and/or on the attached Project Information Sheet, and (b) on compliance with all applicable requirements of the Regional Water Quality Control Board's Water Quality Control Plan (Basin Plan).



JOHN H. ROBERTUS
Executive Officer
Regional Water Quality Control Board

2/4/2009
Date

Attachments:

1. Project Information
2. Distribution List
3. Location Map
4. Photos, and BMP diagrams

**ATTACHMENT 1
PROJECT INFORMATION**

Applicant: ✓ Mr. Lou Melendez
Project Manager
Caltrans District 11, MS-242
4050 Taylor Street
San Diego, CA 92110

Applicant
Representatives: ✓ Mr. Bruce April
Caltrans District 11, MS-242
4050 Taylor Street
San Diego, CA 92110

Project Name: ✓ Interstate 8/Greenfiled Auxiliary Lane Project (08C-093)

Project Location: ✓ The project is located between Second Street (kilopost 28.0) and Greenfield Drive along the Interstate 8 Freeway, in the City of El Cajon.

Type of Project: Auxiliary Lane Construction

Need for Project: To improve traffic flow on Interstate 8

Project Description: ✓ The project proposes to construct an eastbound auxiliary lane on Interstate 8 from Second Street to Greenfield Avenue in the City of El Cajon. The project will also include sound abatement walls, drainage improvements, berms and landscaping. Seven new and replaced drainage structures will be constructed that will flow into Forrester Creek in a section of the creek that is completely concrete lined.

Federal Agency/Permit: ✓ U.S. Army Corps of Engineers §404, NWP 3 (Non-reporting) ,
Stephanie Hall

Other Required
Regulatory Approvals: n/a

California Environmental
Quality Act (CEQA)
Compliance: ✓ On December 3, 2008 Caltrans, acting as lead agency, determined that the proposed project was categorically exempt from CEQA (Class 1, PRC 21084; 14 CCR 15300 et seq.)

Receiving Water: ✓ Forrester Creek

Affected Waters of the
United States: ✓ Permanent: ACOE unvegetated waters of the US: 0.007 acre
(concrete lined channel)

Dredge Volume: n/a

Related Projects
Implemented/to be
Implemented by the
Applicant(s):

none

Compensatory
Mitigation:

✓ Impacts are minimal and occur in a concrete lined channel.
Mitigation is not being proposed or required.

Best Management
Practices (BMPs):

Construction based best management practices will be employed
during construction in accordance with Caltrans Statewide
Stormwater permit requirements

Fees:

Total Due: \$640.00
Total Paid: \$640.00 (check No. 082-285174, 082-296940)

CIWQS:

Regulatory Measure ID: 355651
Place ID: 729419
Party ID: 7222

**ATTACHMENT 2
DISTRIBUTION LIST**

Ms. Pam Beare
California Department of Fish and Game
South Coast Region
4949 Viewridge Avenue
San Diego, CA 92123

State Water Resources Control Board
Division of Water Quality
401 Water Quality Certification and Wetlands Unit
P.O. Box 100
Sacramento, CA 95812-0100

Mr. Bruce April
Chief, Environmental Stewardship
Caltrans District 11, MS-242
4050 Taylor Street
San Diego, CA 92110

Ms. Stephanie Hall
U.S. Army Corps of Engineers, Regulatory Branch
P.O. Box 532711
Los Angeles, CA 90053-2325

Ms. Elizabeth Goldman
Wetlands Regulatory Office
U.S. Environmental Protection Agency, Region 9
75 Hawthorne Street
San Francisco, CA 94105

Attachment No. 3
Project Location Map

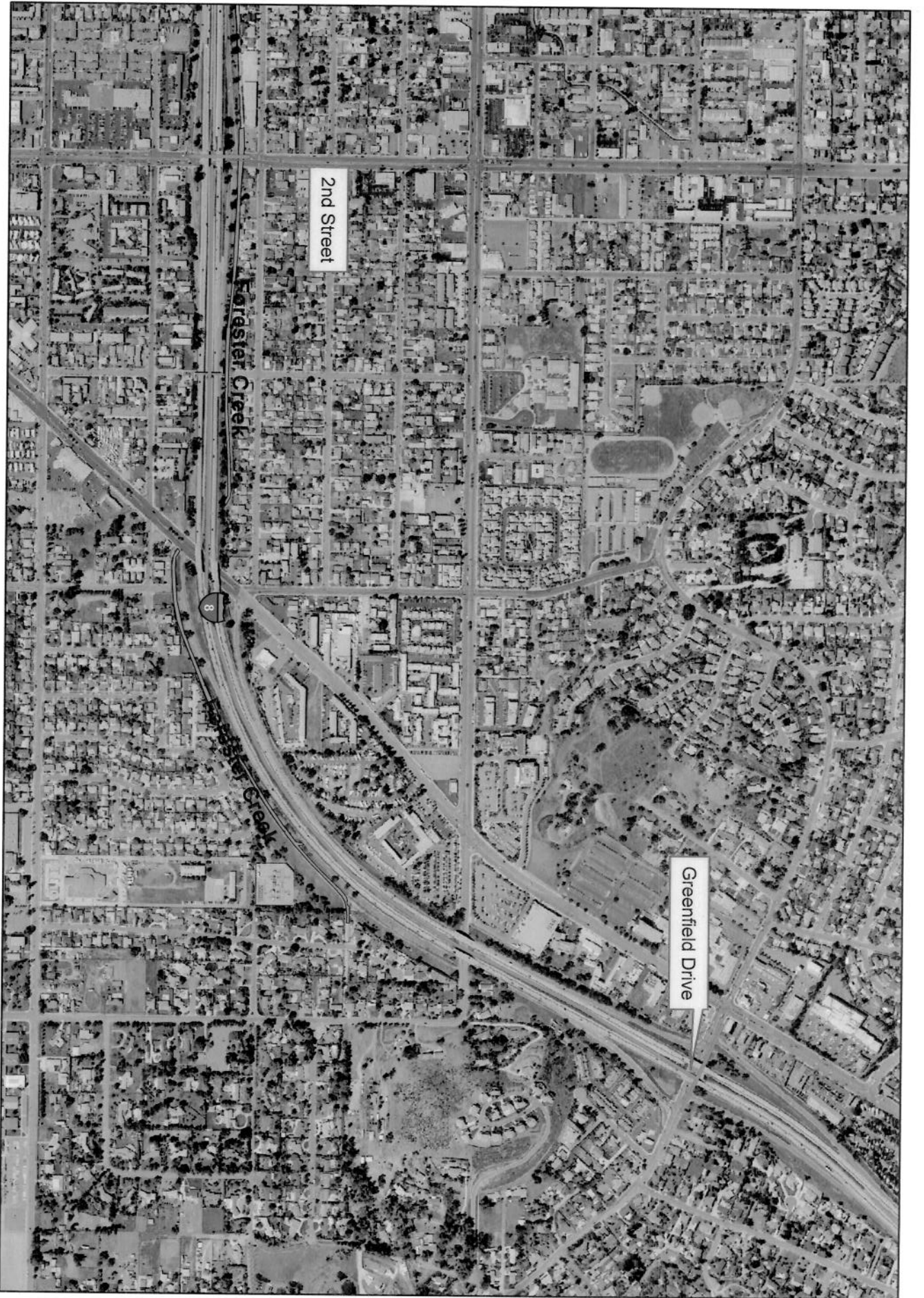


Figure 1. Project Location



Attachment No. 4

Site Photos, BMP Diagram

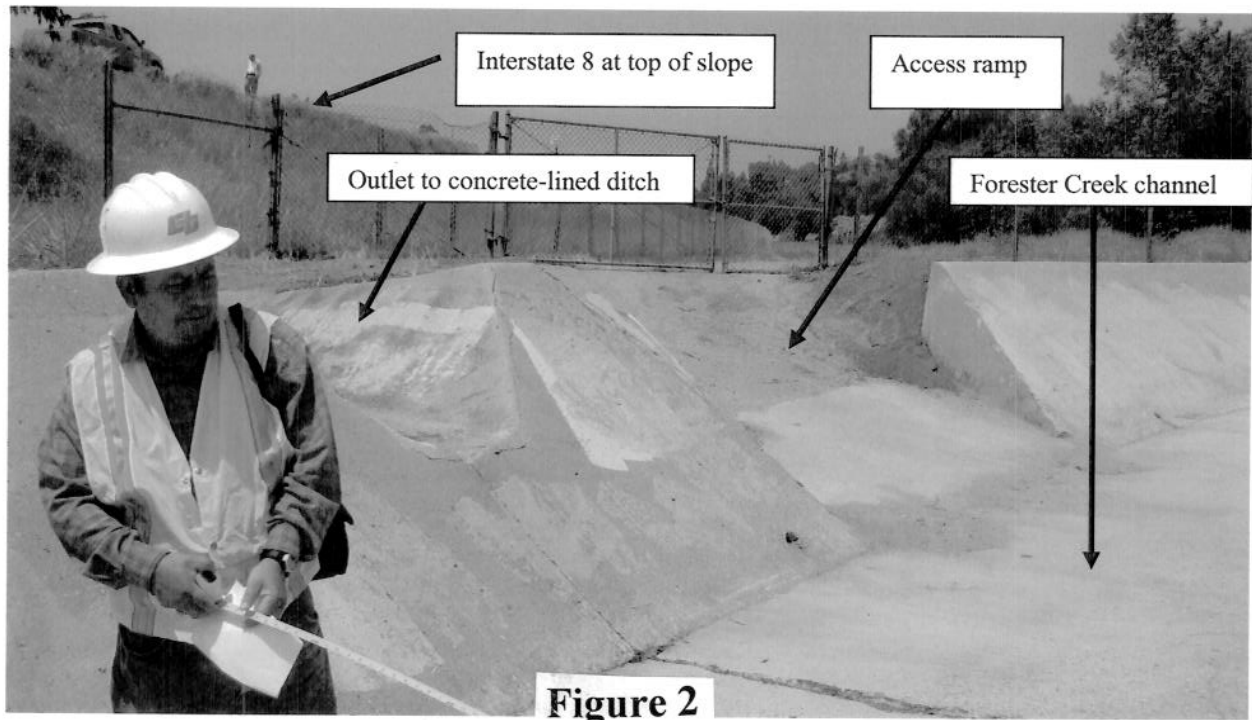


Figure 2

Above: The maintenance access ramp to concrete-lined Forrester Creek channel will be shifted to the east.

Below: The concrete-lined ditch at the toe of the slope to Interstate 8 will also be shifted.

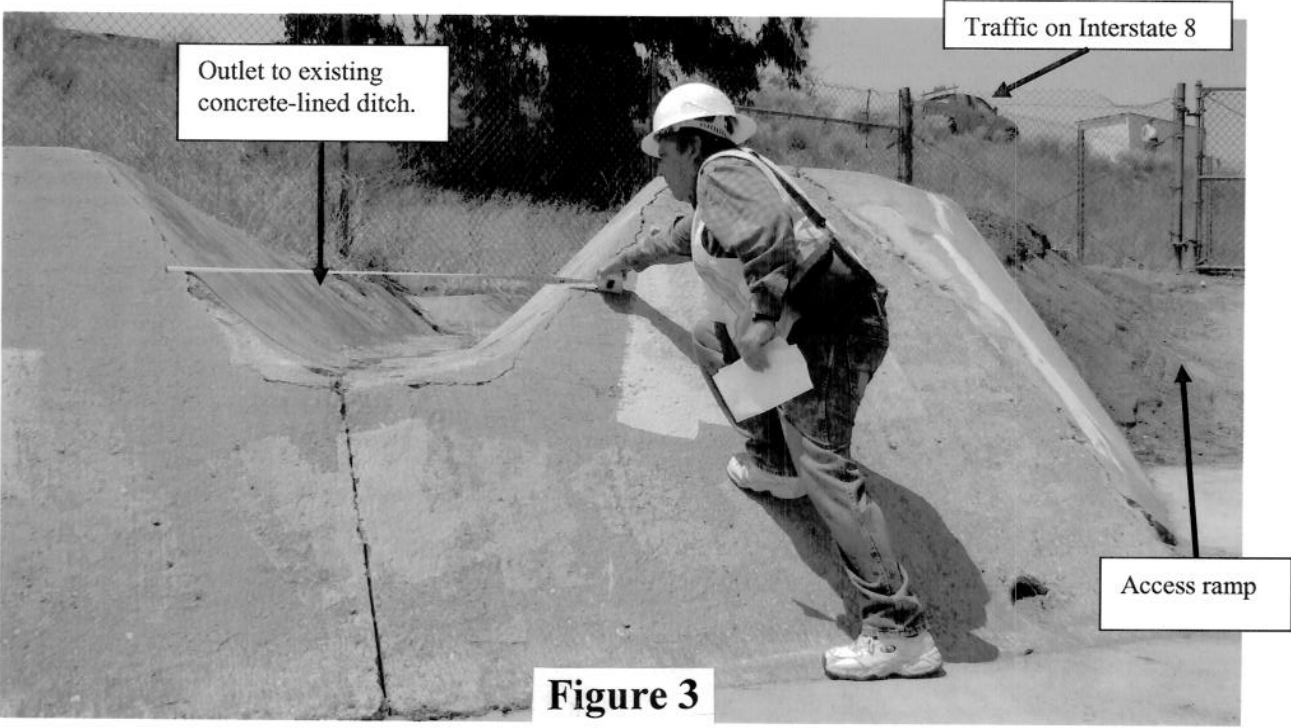
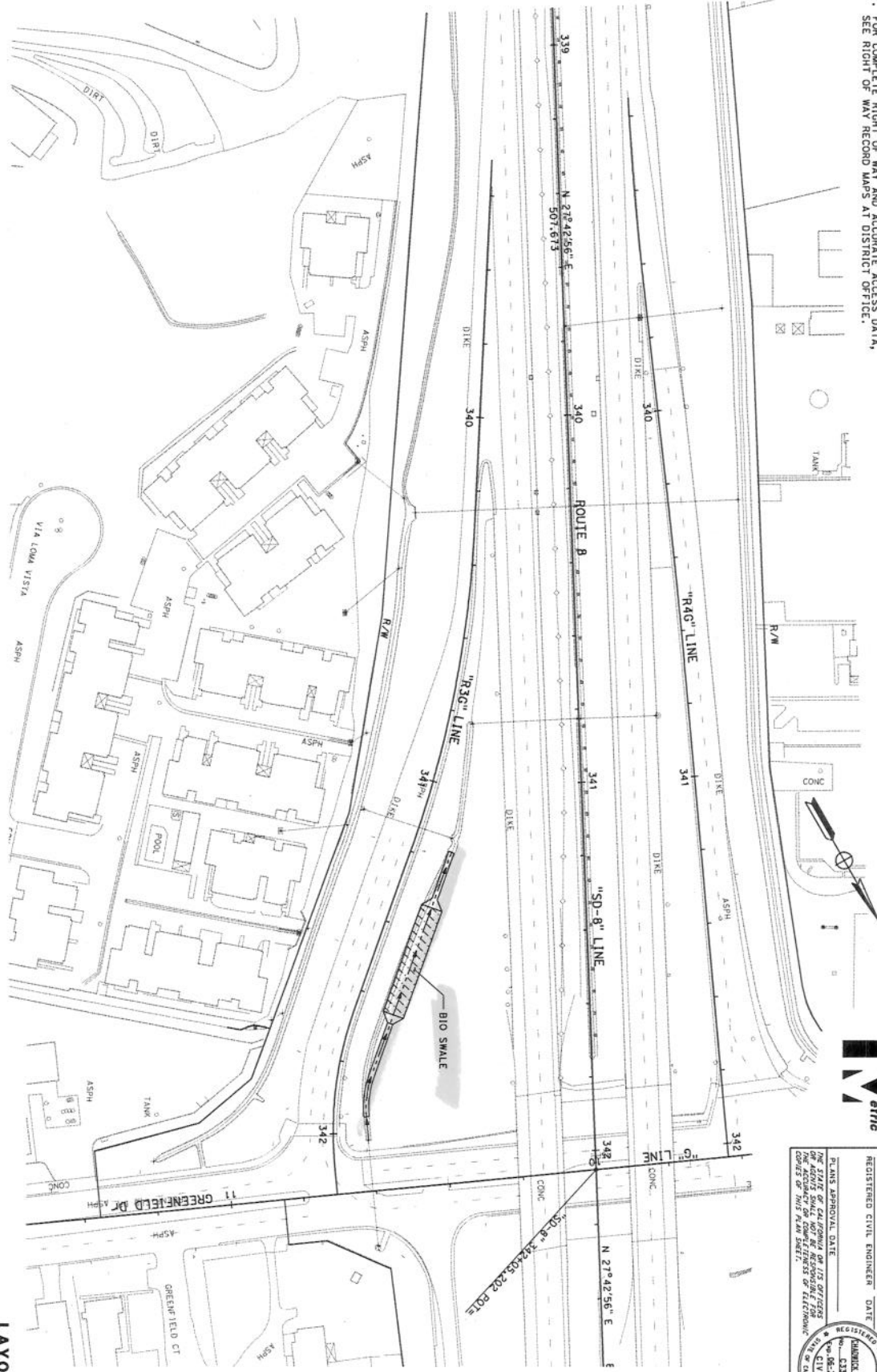


Figure 3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION PROJECT DEVELOPMENT	FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	WAYNE NGUYEN	REVISED BY	
	MICHAEL J. WEBSTER	CHECKED BY		DATE REVISED	

BORDER LAST REVISED 3/1/2007

NOTES:
 1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

RELATIVE BORDER SCALE
 0 20 40 60 80
 METERS

SCALE 1:500

LAYOUT
 L-2



DIR#1	COUNTY	ROUTE	KILOMETER POST TOTAL	SHEET TOTAL
11	SD	8	28.0/R/30.1	NO. SHEETS

REGISTERED CIVIL ENGINEER	DATE
PLANS APPROVAL DATE	

REGISTERED CIVIL ENGINEER	DATE
REGISTERED CIVIL ENGINEER	DATE

Figure 4