

EDMUND G. BROWN JR.
GOVERNOR

MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

San Diego Regional Water Quality Control Board

August 15, 2016

Certified Mail – Return Receipt Requested

Article Number: 7011 0470 0002 8952 8356

Mr. Andrew Rice
California Department of Transportation
District 11
4050 Taylor Street
M.S. 333
San Diego, CA 92110

**In reply/refer to:
R9-2016-0176:826900:mporter**

**Subject: Clean Water Act Section 401 Water Quality Certification No. R9-2016-0176
for the Campo Creek Bridge Replacement Project**

Mr. Rice:

Enclosed find Clean Water Act Section 401 Water Quality Certification No. R9-2016-0176 (Certification) issued by the California Regional Water Quality Control Board, San Diego Region (San Diego Water Board) in response to the application submitted by California Department of Transportation, District 11 for the Campo Creek Bridge Replacement Project (Project). A description of the Project and Project location can be found in the Certification and site maps which are included as attachments to the Certification.

The California Department of Transportation, District 11 is enrolled under State Water Resources Control Board Order No. 2003-017-DWQ as a condition of the Certification and is required to implement and comply with all terms and conditions of the Certification in order to ensure that water quality standards are met for the protection of wetlands and other aquatic resources. Failure to comply with this Certification may subject the California Department of Transportation, District 11 to enforcement actions by the San Diego Water Board including administrative enforcement orders requiring the California Department of Transportation, District 11 to cease and desist from violations or to clean up waste and abate existing or threatened conditions of pollution or nuisance; administrative civil liability in amounts of up to \$10,000 per day per violation; referral to the State Attorney General for injunctive relief; and, referral to the District Attorney for criminal prosecution.

Please submit all reports and information required under this Certification in electronic format via e-mail to SanDiego@waterboards.ca.gov. Documents over 50 megabytes will not be accepted via e-mail and must be placed on a disc and delivered to the San Diego Water Board, 2375 Northside Drive, San Diego, CA 92108. Each electronic document must be submitted as a single file, in Portable Document Format (PDF), and converted to text searchable format using Optical Character Recognition (OCR). All electronic documents must include scanned copies of all signature pages; electronic signatures will not be accepted.

HENRY ABARBANEL, PH.D., CHAIR | DAVID GIBSON, EXECUTIVE OFFICER

2375 Northside Drive, Suite 100, San Diego, California 92108-2700 | www.waterboards.ca.gov/sandiego

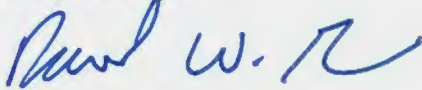
Mr. Rice
Caltrans, District 11
Certification No. R9-2016-0176

August 15, 2016

Electronic documents submitted to the San Diego Water Board must include the following identification numbers in the header or subject line: Certification No. R9-2016-0176:826900:mporter.

For questions or comments regarding the Certification, please contact Mike Porter by telephone at (619) 521-3967 or by email at mike.porter@waterboards.ca.gov.

Respectfully,



DAVID W. GIBSON
Executive Officer

Enclosure:

Clean Water Act Section 401 Water Quality Certification No. R9-2016-0176 for the Campo Creek Bridge Replacement Project

DWG:eb:mgp

CC:

Ms. Stephanie J. Hall
Senior Project Manager, Caltrans Liaison
Transportation & Special Projects Branch
U.S. Army Corps of Engineers
Los Angeles District, Regulatory Division
Stephanie.J.Hall@usace.army.mil

Ms. Kelly Fisher
California Department of Fish and Game
South Coast Region
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kfisher@dfw.ca.gov

U.S. EPA, OWOW, Region 9
R9-WTR8-Mailbox@epa.gov

State Water Resources Control Board, Division of Water Quality
401 Water Quality Certification and Wetlands Unit
Stateboard401@waterboards.ca.gov

Tech Staff Information	
Certification No.	R9-2016-0176
Party ID	7222
Reg. Meas. ID	408077
Place ID	826900
Person ID	139512
WDID	9 000003081

Mr. Rice
Caltrans, District 11
Certification No. R9-2016-0176

- 3 -

August 15, 2016

Mr. Eric Becker
San Diego Water Board
Eric.Becker@waterboards.ca.gov

Mr. David Barker
San Diego Water Board
David.Barker@waterboards.ca.gov

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION**

2375 Northside Drive, Suite.100, San Diego, CA 92108
Phone (619) 516-1990 • Fax (619) 516-1994
<http://www.waterboards.ca.gov/sandiego/>

**Clean Water Act Section 401 Water Quality Certification
and Waste Discharge Requirements
for Discharge of Dredged and/or Fill Materials**

**PROJECT: Campo Creek Bridge Replacement
Certification Number R9-2016-0176
WDID: 9000003081**

Reg. Meas. ID: 408077
Place ID: 826900
Party ID: 7222
Person ID: 544310

**APPLICANT: California Department of Transportation, District 11
4050 Taylor Street
M.S. 333
San Diego, CA 92110**

ACTION:

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

PROJECT DESCRIPTION

An application dated July 29, 2016 was submitted by California Department of Transportation, District 11 (hereinafter Applicant), for Water Quality Certification pursuant to section 401 of the Clean Water Act (33 U.S.C. § 1341) for the proposed Campo Creek Bridge Replacement (Project). The Applicant has also applied for Clean Water Act section 404 Nationwide Permit No. 12 from the United States Army Corps of Engineers for the Project (USACE File No. SPL-2016-00592-SJH).

The Project consists of the removal and replacement of the Campo Creek Bridge on State Route 94, located in the unincorporated community Campo within southeastern San Diego County, California. The Project's center reading is latitude 32.60911, longitude -116.47405.

The Applicant has paid all required fees for this Certification in the amount of \$5,063.00. On August 9, 2016, the San Diego Water Board provided public notice of the Project application pursuant to California Code of Regulations, title 23, section 3858 by posting information describing the Project on the San Diego Water Board's web site and providing a period of four days for public review and comment. No comments were received.

The Applicant proposes to remove and replace the structurally deficient Campo Creek Bridge (#57-0120). The new bridge will be a single span structure with a bridge length of approximately 58 feet and width of 40 feet. The east face of the bridge along the upstream side

will be approximately 16 feet from the existing centerline with a 12 feet wide traffic lane, a 2 feet wide shoulder, and a 2 feet wide barrier. The east face of the bridge will extend approximately 22 feet from the existing centerline with an 8 feet shoulder, 12 feet wide traffic lane and a 2 feet wide shoulder.

Work includes:

- Remove existing Bridge, and abutments 2 and 3;
- Construct temporary shoring at abutment 1;
- Construct new abutment 1;
- Construct retaining walls east and west of abutment 1;
- Construct abutment 2 and retaining walls parallel to SR-94 at the edge of shoulder;
- Install bridge superstructure;
- Install bridge rail, metal beam guardrail, end treatments and crash cushions;
- Crash cushions will be installed on the deck at the South end and to protect the railroad crossing arms;
- Grind and overlay existing asphalt concrete;
- Provide access into the creek;
- Trim trees along SR-94 and at the access location;
- Extend the 36 inch diameter RCP culvert; and
- A detour will be provided around the project. Staging will occur on the SR-94 roadway.

Receiving waters potentially affected by the Project are protected in accordance with water quality standards in the *Water Quality Control Plan for the San Diego Basin (9)* (Basin Plan). This Certification authorizes permanent and temporary impacts to waters of the United States and/or State affected by the Project and requires compensatory mitigation to offset adverse impacts as described in section IV of the Certification. The temporary impacts will be restored by the Applicant to pre-Project conditions and do not include physical loss of aquatic resource area or degradation of ecological conditions. Compensatory mitigation to offset the permanent loss of jurisdictional waters will be achieved through the Applicant's purchase of mitigation bank credits from the Rancho Jamul Mitigation Bank (Bank) in advance of Project construction. Mitigation credit parcels, purchased from the Bank to satisfy compensatory mitigation requirements, are required to be protected, monitored, and maintained in perpetuity by the Bank pursuant to a federal and State approved bank enabling instrument and a recorded conservation easement. Based on all of these considerations, the Applicant's compliance with the terms and conditions of this Certification will ensure that the water quality standards for all waters of the United States and/or State impacted by the Project are met.

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Attachments:

1. Definitions
2. Project Location Maps
3. Project Impacts and Plans
4. Mitigation Location and Ledger

The San Diego Water Board has independently reviewed the record of the Project to analyze the extent and nature of proposed Project impacts to the water quality and beneficial uses of waters of the United States and/or State and associated compensatory mitigation required to offset impacts attributed to the Project. In accordance with this Certification, the Applicant may proceed with the Project under the following terms and conditions:

I. STANDARD CONDITIONS

Pursuant to section 3860 of title 23 of the California Code of Regulations, the following three standard conditions apply to all water quality certification actions:

- A. This Certification action is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to section 13330 of the Water Code and chapter 28, article 6 (commencing with title 23, section 3867), of the California Code of Regulations.
- B. This Certification action is not intended and shall not be construed to apply to any discharge from any activity involving a hydroelectric facility and requiring a Federal Energy Regulatory Commission (FERC) license or an amendment to a FERC license unless the pertinent Certification application was filed pursuant to California Code of Regulations title 23, section 3855 subdivision (b), and that application specifically identified that a FERC license or amendment to a FERC license for a hydroelectric facility was being sought.
- C. This Certification action is conditioned upon total payment of any fee required under title 23, chapter 28 (commencing with section 3830) of California Code of Regulations and owed by the applicant.

II. GENERAL CONDITIONS

- A. **Term of Certification.** Water Quality Certification No. R9-2016-0176 (Certification) shall expire upon a) the expiration or retraction of the Clean Water Act section 404 (33 U.S.C. §1344) permit issued by the U.S. Army Corps of Engineers for this Project, or b) five (5) years from the date of issuance of this Certification, whichever occurs first.
- B. **Duty to Comply.** The Applicant must comply with all conditions and requirements of this Certification. Any Certification noncompliance constitutes a violation of the Water Code and is grounds for enforcement action or Certification termination, revocation and reissuance, or modification.
- C. **General Waste Discharge Requirements.** The requirements of this Certification are enforceable through 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* (Water Quality Order No. 2003-0017-DWQ). This provision shall apply irrespective of whether a) the federal permit for which the Certification was obtained is subsequently retracted or is expired, or b) the Certification is expired. Water Quality Order No. 2003-0017-DWQ is accessible at:

http://www.waterboards.ca.gov/water_issues/programs/cwa401/docs/generalorders/gowdr401regulated_projects.pdf

- D. **Project Conformance with Application.** All water quality protection measures and BMPs described in the application and supplemental information for water quality certification are incorporated by reference into this Certification as if fully stated herein. Notwithstanding any more specific conditions in this Certification, the Applicant shall construct, implement and comply with all water quality protection measures and BMPs described in the application and supplemental information. The conditions within this Certification shall supersede conflicting provisions within the application and supplemental information submitted as part of this Certification action.
- E. **Project Conformance with Water Quality Control Plans or Policies.** Notwithstanding any more specific conditions in this Certification, the Project shall be constructed in a manner consistent with the Basin Plan and any other applicable water quality control plans or policies adopted or approved pursuant to the Porter Cologne Water Quality Act (Division 7, commencing with Water Code Section 13000) or section 303 of the Clean Water Act (33 U.S.C §1313.). The Basin Plan is accessible on-line at:

http://www.waterboards.ca.gov/sandiego/water_issues/programs/basin_plan/index.shtml
!

- F. **Project Modification.** The Applicant must submit any changes to the Project, including Project operation, which would have a significant or material effect on the findings, conclusions, or conditions of this Certification, to the San Diego Water for prior review and written approval. If the San Diego Water Board is not notified of a significant change to the Project, it will be considered a violation of this Certification
- G. **Certification Distribution Posting.** During Project construction, the Applicant must maintain a copy of this Certification at the Project site. This Certification must be available at all times to site personnel and agencies. A copy of this Certification shall also be provided to any contractor or subcontractor performing construction work, and the copy shall remain in their possession at the Project site.
- H. **Inspection and Entry.** The Applicant must allow the San Diego Water Board or the State Water Resources Control Board, and/or their authorized representative(s) (including an authorized contractor acting as their representative), upon the presentation of credentials and other documents as may be required under law, to:
1. Enter upon the Project or Compensatory Mitigation site(s) premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this Certification;
 2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this Certification;

3. Inspect, at reasonable times, any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Certification; and
 4. Sample or monitor, at reasonable times, for the purposes of assuring Certification compliance, or as otherwise authorized by the Clean Water Act or Water Code, any substances or parameters at any location.
- I. **Enforcement Notification.** In the event of any violation or threatened violation of the conditions of this Certification, the violation or threatened violation shall 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.
- J. **Certification Actions.** This Certification may be modified, revoked and reissued, or terminated for cause including but not limited to the following:
1. Violation of any term or condition of this Certification;
 2. Monitoring results indicate that continued Project activities could violate water quality objectives or impair the beneficial uses of the unnamed tributary to La Posta Creek, the unnamed tributary to the Upper Sweetwater River Water Body, or their tributaries;
 3. Obtaining this Certification by misrepresentation or failure to disclose fully all relevant facts;
 4. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge; and
 5. Incorporation of any new or revised water quality standards and implementation plans adopted or approved pursuant to the Porter-Cologne Water Quality Control Act or section 303 of the Clean Water Act.
- The filing of a request by the Applicant for modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any Certification condition.
- K. **Duty to Provide Information.** The Applicant shall furnish to the San Diego Water Board, within a reasonable time, any information which the San Diego Water Board may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this Certification or to determine compliance with this Certification.
- L. **Property Rights.** This Certification does not convey any property rights of any sort, or any exclusive privilege.

- M. **Petitions.** Any person aggrieved by this action of the San Diego Water Board may petition the State Water Resources Control Board (State Water Board) to review the action in accordance with the California Code of Regulations, title 23, sections 3867 and following. The State Water Board must receive the petition by 5:00 p.m., 30 days after the date of this Certification. Copies of the law and regulations applicable to filing petitions may be found on the Internet at: http://www.waterboards.ca.gov/public_notices/petitions/water_quality or will be provided upon request.

III. CONSTRUCTION AND POST CONSTRUCTION BEST MANAGEMENT PRACTICES

- A. **Construction Requirements.** Prior to start of Project construction, the Applicant must, as applicable, obtain coverage under, and comply with, the requirements of State Water Resources Control Board Water Quality Order No. 2009-0009-DWQ, the *General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activity*, (General Construction Storm Water Permit) and any reissuance. If Project construction activities do not require coverage under the General Construction Storm Water Permit, the Applicant must develop and implement a runoff management plan (or equivalent construction BMP plan) to prevent the discharge of sediment and other pollutants during construction activities.
- B. **Post-Construction Requirements.** The Project must meet all the Post-Construction requirements of the State Water Resources Control Board Water Quality Order No. 2012-0011-DWQ, NPDES No. CAS000003, *Statewide Storm Water Permit and Waste Discharge Requirements for State of California Department of Transportation (Caltrans Statewide Permit)* and any reissuance.

IV. PROJECT IMPACTS AND COMPENSATORY MITIGATION

- A. **Project Impacts and Compensatory Mitigation.** Unavoidable Project impacts to Campo Creek within the Tijuana Watershed must not exceed the type and magnitude of impacts described in the table below. At a minimum, compensatory mitigation required to offset unavoidable temporary and permanent Project impacts to waters of the United States and/or State must be achieved as described in the table below:

	Impacts (acres)	Impacts (linear ft.)	Mitigation for Impacts (acres)	Mitigation Ratio (area mitigated :area impacted)	Mitigation for Impacts (linear ft.)	Mitigation Ratio (linear feet mitigated :linear feet impacted)
Permanent Impacts						
Wetland	0.008	40.0	0.024 Re-establishment ¹	3:1	NA	NA
Temporary Impacts²						
Wetland	0.09	335	NA	NA	NA	NA

NA – Not applicable

1. Project compensatory mitigation re-establishment credits will be withdrawn from the Rancho San Diego Mitigation Bank, Jamul, CA.
2. All areas of temporary impacts must be restored to pre-project contours and re-vegetated with native species.

B. Mitigation Credit Withdrawal. Prior to the start of construction, the Applicant must provide documentation to the San Diego Water Board verifying the withdrawal of at least 0.024 acre of credit applicable to the re-establishment of wetland waters of the U.S. and/or State from the Rancho San Diego Mitigation Bank. The use of an alternate mitigation bank to provide required compensatory mitigation must be approved by the San Diego Water Board before the credits are secured and is subject to the following conditions:

1. The Applicant must identify the USACE approved mitigation bank and submit documentation demonstrating that:
 - a. The permitted Project impacts are located within the service area of the mitigation bank; and
 - b. The mitigation bank has the appropriate number and resource type of credits available.
2. If San Diego Water Board approval of the use of the alternate mitigation bank is obtained, the Applicant must provide documentation verifying that the appropriate number and resource type of credits have been secured from the mitigation bank prior to the start of construction.

C. Temporary Project Impact Areas. The Applicant must restore all areas of temporary impacts and all other areas of temporary disturbance which could result in a discharge or a threatened discharge of pollutants to waters of the United States and/or State. Restoration must include grading of disturbed areas to pre-project contours and re-vegetation with native species. The Applicant must implement all necessary BMPs to control erosion and runoff from areas associated with the Project.

V. MONITORING AND REPORTING REQUIREMENTS

- A. **Annual Project Progress Reports.** The Applicant must submit annual Project progress reports describing compliance with all requirements of this Certification to the San Diego Water Board prior to **March 1** of each year following the issuance of this Certification, until the Project has reached completion. The report must include the following information:
1. The names, qualifications, and affiliations of the persons contributing to the report;
 2. The status, progress, and anticipated schedule for completion of Project construction activities;
 3. A description of Project construction delays encountered or anticipated that may affect the schedule for construction completion; and
 4. A description of each incident of noncompliance during the annual monitoring period and its cause, the period of the noncompliance including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.
- B. **Final Project Completion Report.** The Applicant must submit a Final Project Completion Report to the San Diego Water Board **within 30 days of completion** of the Project. The final report must include the following information:
1. Date of construction initiation;
 2. Date of construction completion;
 3. As-built drawings of the Project, no bigger than 11"X17"; and
 4. Photo documentation of implemented post-construction BMPs and all areas of permanent and temporary impacts, prior to and after project construction. Photo documentation must be conducted in accordance with guidelines posted at http://www.waterboards.ca.gov/sandiego/water_issues/programs/401_certification/docs/401c/401PhotoDocRB9V713.pdf. In addition, photo documentation must include Global Positioning System (GPS) coordinates for each of the photo points referenced.
- C. **Reporting Authority.** The submittal of information required under this Certification, or in response to a suspected violation of any condition of this Certification, is required pursuant to Water Code section 13267 and 13383. Civil liability may be administratively imposed by the San Diego Water Board for failure to submit information pursuant to Water Code sections 13268 or 13385.

- D. Electronic Document Submittal.** The Applicant must submit all reports and information required under this Certification in electronic format via e-mail to SanDiego@waterboards.ca.gov. Documents over 50 megabytes will not be accepted via e-mail and must be placed on a disc and delivered to:

California Regional Water Quality Control Board
San Diego Region
Attn: 401 Certification No. R9-2016-0176:817867:mporter
2375 Northside Drive, Suite 100
San Diego, California 92108

Each electronic document must be submitted as a single file, in Portable Document Format (PDF), and converted to text searchable format using Optical Character Recognition (OCR). All electronic documents must include scanned copies of all signature pages; electronic signatures will not be accepted. Electronic documents submitted to the San Diego Water Board must include the following identification numbers in the header or subject line: Certification No. R9-2016-0176:PIN 817867.

- E. Document Signatory Requirements.** All applications, reports, or information submitted to the San Diego Water Board must be signed as follows:

1. For a corporation, by a responsible corporate officer of at least the level of vice president.
2. For a partnership or sole proprietorship, by a general partner or proprietor, respectively.
3. For a municipality, or a state, federal, or other public agency, by either a principal executive officer or ranking elected official.
4. A duly authorized representative may sign applications, reports, or information if:
 - a. The authorization is made in writing by a person described 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 San Diego Water Board Executive Officer.

If such authorization is no longer accurate because a different individual or position has responsibility for the overall operation of the Project, a new authorization satisfying the above requirements must be submitted to the San Diego Water Board prior to or together with any reports, information, or applications, to be signed by an authorized representative.

- F. **Document Certification Requirements.** All applications, reports, or information submitted to the San Diego Water Board 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."

VI. NOTIFICATION REQUIREMENTS

- A. **Twenty Four Hour Non-Compliance Reporting.** The Applicant shall report any noncompliance which may endanger health or the environment. Any such information shall be provided orally to the San Diego Water Board within **24 hours** from the time the Applicant becomes aware of the circumstances. A written submission shall also be provided within five days of the time the Applicant becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected; the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. The San Diego Water Board, or an authorized representative, may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.
- B. **Anticipated Noncompliance.** The Applicant shall give advance notice to the San Diego Water Board of any planned changes in the Project or the Compensatory Mitigation project which may result in noncompliance with Certification conditions or requirements.
- C. **Transfers.** This Certification is not transferable in its entirety or in part to any person or organization except after notice to the San Diego Water Board in accordance with the following terms:
1. **Transfer of Property Ownership:** The Applicant must notify the San Diego Water Board of any change in ownership of the Project area. Notification of change in ownership must include, but not be limited to, a statement that the Applicant has provided the purchaser with a copy of the Section 401 Water Quality Certification and that the purchaser understands and accepts the certification requirements and the obligation to implement them or be subject to liability for failure to do so; the seller and purchaser must sign and date the notification and provide such notification to the San Diego Water Board **within 10 days of the transfer of ownership.**

2. **Transfer of Mitigation Responsibility:** Any notification of transfer of responsibilities to satisfy the mitigation requirements set forth in this Certification must include a signed statement from an authorized representative of the new party (transferee) demonstrating acceptance and understanding of the responsibility to comply with and fully satisfy the mitigation conditions and agreement that failure to comply with the mitigation conditions and associated requirements may subject the transferee to enforcement by the San Diego Water Board under Water Code section 13385, subdivision (a). Notification of transfer of responsibilities meeting the above conditions must be provided to the San Diego Water Board **within 10 days of the transfer date.**
3. **Transfer of Post-Construction BMP Maintenance Responsibility:** The Applicant assumes responsibility for the inspection and maintenance of all post-construction structural BMPs until such responsibility is legally transferred to another entity. At the time maintenance responsibility for post-construction BMPs is legally transferred the Applicant must submit to the San Diego Water Board a copy of such documentation and must provide the transferee with a copy of a long-term BMP maintenance plan that complies with manufacturer specifications. The Applicant must provide such notification to the San Diego Water Board within **10 days** of the transfer of BMP maintenance responsibility.

Upon properly noticed transfers of responsibility, the transferee assumes responsibility for compliance with this Certification and references in this Certification to the Applicant will be interpreted to refer to the transferee as appropriate. Transfer of responsibility does not necessarily relieve the Applicant of this Certification in the event that a transferee fails to comply.

- D. **Discharge Commencement.** The Applicant must notify the San Diego Water Board in writing **at least 5 days prior to** the start of Project construction.

VII. CALIFORNIA ENVIRONMENTAL QUALITY ACT COMPLIANCE

- A. The California Department of Transportation, District 11 is the Lead Agency under the California Environmental Quality Act (CEQA) (Public Resources Code section 21000, et seq.) section 21067, and CEQA Guidelines (California Code of Regulations, title 14, section 15000 et seq.) section 15367, and has determined the planned bridge replacement is Categorically Exempt from CEQA under the Class 1 Maintenance provision, section 15301(b). The Lead Agency has determined the Project will have a significant effect on the environment and mitigation measures were made a condition of the Project.
- B. The San Diego Water Board is a Responsible Agency under CEQA (Public Resources Code section 21069; CEQA Guidelines section 15381). The San Diego Water Board has considered the Lead Agency's determination and finds that the Project as proposed will have a significant effect on resources within the San Diego Water Board's purview.

- C. The San Diego Water Board has required mitigation measures as a condition of this Certification to avoid or reduce the environmental effects of the Project to resources within the Board's purview to a less than significant level.
- D. As a Responsible Agency under CEQA, the San Diego Water Board will file a Notice of Determination in accordance with CEQA Guidelines section 15096 subdivision (i).

VIII. SAN DIEGO WATER BOARD CONTACT PERSON

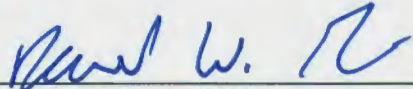
Lisa Honma, Environmental Scientist
California Regional Water Quality Control Board, San Diego Region
2375 Northside Drive, Suite 100
San Diego, California 92108
Telephone: 619-521-3367
Email: Mike.Porter@waterboards.ca.gov

IX. WATER QUALITY CERTIFICATION

I hereby certify that the proposed discharge from the **Campo Creek Bridge Replacement** (Certification No. R9-2016-0176) 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, "*Statewide General Waste Discharge Requirements for Dredged or Fill Discharges that have Received State Water Quality Certification (General WDRs)*," which requires compliance with all conditions of this Water Quality Certification. Please note that enrollment under Order No. 2003-017-DWQ is conditional and, should new information come to our attention that indicates a water quality problem, the San Diego Water Board may issue individual 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 to, and all proposed mitigation being completed in strict compliance with, the applicants' Project description and/or the description in this Certification, and (b) compliance with all applicable requirements of the Basin Plan.

I, David W. Gibson, Executive Officer, do hereby certify the forgoing is a full, true, and correct copy of Certification No. R9-2016-0176 issued on August 15, 2016.



DAVID W. GIBSON
Executive Officer
San Diego Water Board

15 August 2016
Date

ATTACHMENT 1

DEFINITIONS

Activity - when used in reference to a permit means any action, undertaking, or project including, but not limited to, construction, operation, maintenance, repair, modification, and restoration which may result in any discharge to waters of the state.

Buffer - means an upland, wetland, and/or riparian area that protects and/or enhances aquatic resource functions associated with wetlands, rivers, streams, lakes, marine, and estuarine systems from disturbances associated with adjacent land uses.

California Rapid Assessment Method (CRAM) - is a wetland assessment method intended to provide a rapid, scientifically-defensible and repeatable assessment methodology to monitor status and trends in the conditions of wetlands for applications throughout the state. It can also be used to assess the performance of compensatory mitigation projects and restoration projects. CRAM provides an assessment of overall ecological condition in terms of four attributes: landscape context and buffer, hydrology, physical structure and biotic structure. CRAM also includes an assessment of key stressors that may be affecting wetland condition and a "field to PC" data management tool (eCRAM) to ensure consistency and quality of data produced with the method.

Compensatory Mitigation Project - means compensatory mitigation implemented by the Applicant as a requirement of this Certification (i.e., applicant -responsible mitigation), or by a mitigation bank or an in-lieu fee program.

Discharge of dredged material – means any addition of dredged material into, including redeposit of dredged material other than incidental fallback within, the waters of the United States and/or State.

Discharge of fill material – means the addition of fill material into waters of the United States and/or State.

Dredged material – means material that is excavated or dredged from waters of the United States and/or State.

Ecological Success Performance Standards – means observable or measurable physical (including hydrological), chemical, and/or biological attributes that are used to determine if a compensatory mitigation project meets its objectives.

Enhancement – means the manipulation of the physical, chemical, or biological characteristics of an aquatic resource to improve a specific aquatic resource function(s). Enhancement results in the gain of selected aquatic resource function(s), but may also lead to a decline in other aquatic resource function(s). Enhancement does not result in a gain in aquatic resource area.

Establishment – means the manipulation of the physical, chemical, or biological characteristics present to develop an aquatic resource that did not previously exist. Creation results in a gain in aquatic resource area.

Fill material – means any material used for the primary purpose of replacing an aquatic area with dry land or of changing the bottom elevation of a water body.

Isolated wetland – means a wetland with no surface water connection to other aquatic resources.

Mitigation Bank – means a site, or suite of sites, where resources (e.g., wetlands, streams, riparian areas) are restored, established, enhanced, and/or preserved for the purpose of providing mitigation for impacts authorized by this Certification.

Preservation - means the removal of a threat to, or preventing the decline of, aquatic resources by an action in or near those aquatic resources. This term includes activities commonly associated with the protection and maintenance of aquatic resources through the implementation of appropriate legal and physical mechanisms. Preservation does not result in a gain of aquatic resource area or functions.

Re-establishment - means the manipulation of the physical, chemical, or biological characteristics of a site with the goal of returning natural/ historic functions to a former aquatic resource. Re-establishment results in rebuilding a former aquatic resource and results in a gain in aquatic resource area and functions.

Rehabilitation - means the manipulation of the physical, chemical, or biological characteristics of a site with the goal of repairing natural/ historic functions to a degraded aquatic resource. Rehabilitation results in a gain in aquatic resource function, but does not result in a gain in aquatic resource area.

Restoration - means the manipulation of the physical, chemical, or biological characteristics of a site with the goal of returning natural/historic functions to a former or degraded aquatic resource. For the purpose of tracking net gains in aquatic resource area, restoration is divided into two categories: re-establishment and rehabilitation.

Start of Project Construction - For the purpose of this Certification, "start of Project construction" means to engage in a program of on-site construction, including site clearing, grading, dredging, landfilling, changing equipment, substituting equipment, or even moving the location of equipment specifically designed for a stationary source in preparation for the fabrication, erection or installation of the building components of the stationary source within waters of the United States and/or State.

Uplands - means non-wetland areas that lack any field-based indicators of wetlands or other aquatic conditions. Uplands are generally well-drained and occur above (i.e., up-slope) from nearby aquatic areas. Wetlands can, however, be entirely surrounded by uplands. For example, some natural seeps and constructed stock ponds lack aboveground hydrological connection to other aquatic areas. In the watershed context, uplands comprise the landscape matrix in which aquatic areas form. They are the primary sources of sediment, surface runoff, and associated chemicals that are deposited in aquatic areas or transported through them.

Water quality objectives and other appropriate requirements of state law – means the water quality objectives and beneficial uses as specified in the appropriate water quality control plan(s); the applicable provisions of sections 301, 302, 303, 306, and 307 of the Clean Water Act; and any other appropriate requirement of state law.

California Department of Transportation, District 11
Campo Creek Bridge Replacement
Certification No. R9-2016-0176

**ATTACHMENT 2
PROJECT LOCATION MAPS**

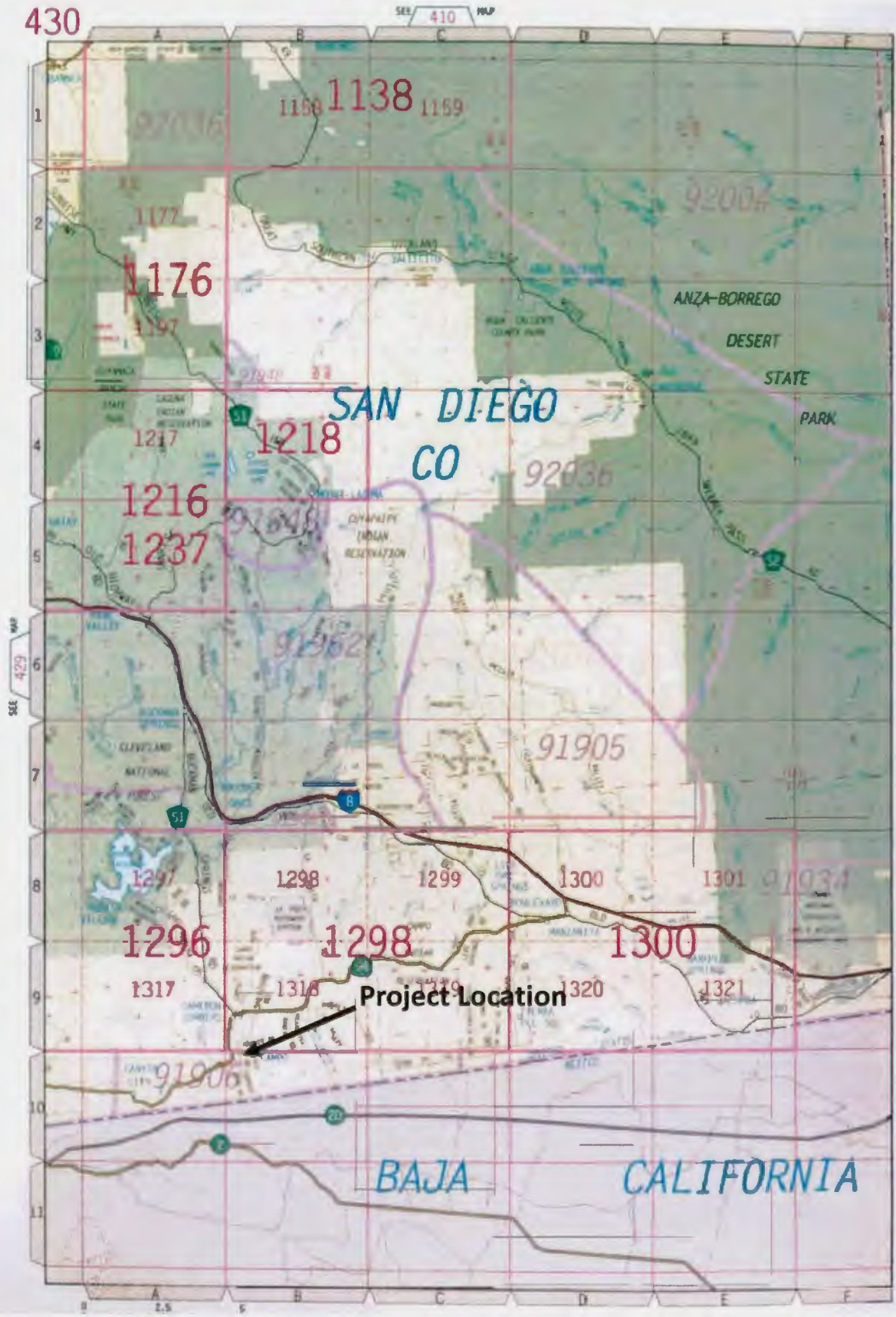
No Figure No. – Vicinity Map – Campo Creek Bridge Replacement Project,
11/SD/94 – Postmile 50.64

No Figure No. – (proximity map) 11-SD-94, PM: 50.65, Campo Creek Bridge, Br.
No. 57-0120 REPLACE BRIDGE

Vicinity Map - Campo Creek Bridge Replacement Project
11/SD/94 - postmile 50.64

430

SAN DIEGO CO.



© 2007 Road Utility & Company



11-SD-094
PM: 50.65
Campo Creek Bridge
Br. No. 57-0120
REPLACE BRIDGE

R50 57-0120 50 634

**ATTACHMENT 3
PROJECT IMPACTS AND PLANS**

No Figure No. – Campo Creek Bridge 57-0120 – Replacement Project,
Vegetation Types, Permanent and Temporary Impacts

Sheet 1 of 22 – General Plan

Sheet 2 of 22 – Index to Plans

Sheet 3 of 22 – Deck Contours

Sheet 4 of 22 – Foundation Plan

Sheet 5 of 22 – Limits of Bridge Removal

Sheet 6 of 22 – Abutment 1 Layout

Sheet 7 of 22 – Abutment 2 Layout

Sheet 8 of 22 – Abutment Details No. 1

Sheet 9 of 22 – Abutment Details No. 2

Sheet 10 of 22 – Abutment Details No. 3

Sheet 11 of 22 – Abutment Details No. 4

Sheet 12 of 22 – Abutment Details No. 5

Sheet 13 of 22 – Typical Section

Sheet 14 of 22 – Girder Layout

Sheet 15 of 22 – Precast Girder Details

Sheet 16 of 22 – Details No. 1

Sheet 17 of 22 – Details No. 2

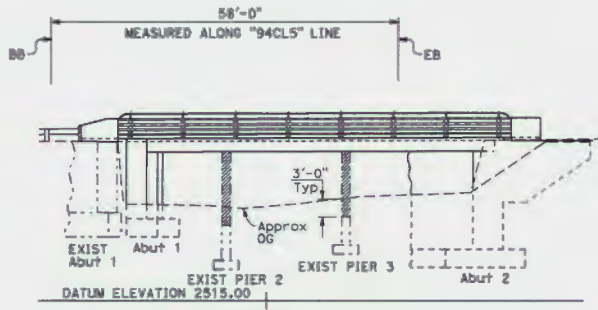
Sheet 18 of 22 – Details No. 3

Sheet 19 of 22 – Details No. 4

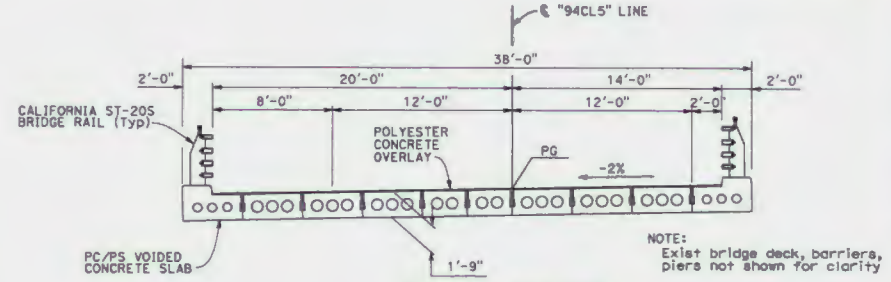
Campo Creek Bridge 57-0120 - Replacement Project Vegetation Types, Permanent and Temporary Impacts



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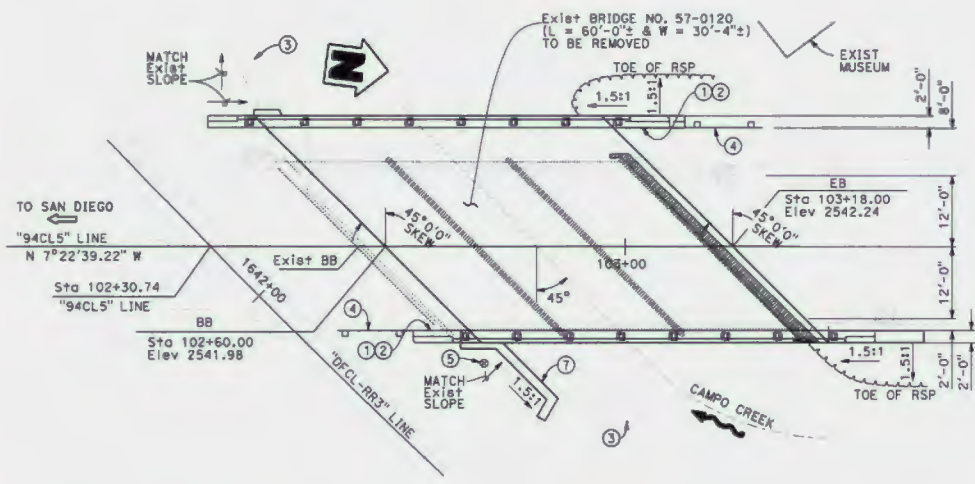


ELEVATION
1" = 10'



TYPICAL SECTION
1/4" = 1'-0"

NOTE:
Exist bridge deck, barriers,
piers not shown for clarity



PLAN
1" = 10'

NOTE:
THE CONTRACTOR SHALL VERIFY ALL
CONTROLLING FIELD DIMENSIONS
BEFORE ORDERING OR FABRICATING
ANY MATERIAL.

LEGEND:

- Existing structure.
- New construction.
- Direction of travel.
- Direction of flow.
- █ Concrete removal.

NOTES:

- ① Paint "CAMPO GREEK BRIDGE"
- ② Paint "BRIDGE NO. 57-1259"
- ③ Existing RC retaining wall.
- ④ New MGS, see "ROADWAY PLANS"
- ⑤ Existing 36" RCP
- ⑥ For "GENERAL NOTES" and "FOUNDATION DATA TABLE" see "INDEX TO PLAN" sheet.
- ⑦ Abutment 1 Rt retaining wall
- ⑧ For "HYDROLOGY SUMMARY", see "FOUNDATION PLAN" sheet.

DIST	COUNTY	ROUTE	POST MILES	TOTAL PROJECT	SHEET	TOTAL
11	SD	94			No.	SHEETS
			REGISTERED CIVIL ENGINEER		DATE	
			PLANS APPROVAL DATE			
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DESIGN	BY Jason Fang	CHECKED Prem Rimal	LOAD & RESISTANCE FACTOR DESIGN	LIVE LOADINGS	MISS R/C LOW-BODY PERMIT DESIGN VEHICLE	BRIDGE NO.	57-1259	CAMPO CREEK BRIDGE (REPLACE) GENERAL PLAN
DETAILS	BY Lon Tran	CHECKED JORON	LAYOUT	BY X	CHECKED X	DESIGN BRANCH	20	
QUANTITIES	BY X	CHECKED X	SPECIFICATIONS	BY X	CHECKED X	POST MILE	50.64	
DESIGN ENGINEER						UNIT: 3622		DISCARD PRINTS BEARING EARLIER REVISION DATES
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS						PROJECT NUMBER & PHASE: 1116000173 4		
						CONTRACT NO.: 424704		REVISION DATES
								SHEET 1 OF 22

DATE PLOTTED: 187-JUL-2018 11:15 AM

INDEX TO PLANS

Sheet No.	Title
1.	GENERAL PLAN
2.	INDEX TO PLANS
3.	DECK CONTOURS
4.	FOUNDATION PLAN
5.	LIMITS OF BRIDGE REMOVAL
6.	ABUTMENT 1 LAYOUT
7.	ABUTMENT 2 LAYOUT
8.	ABUTMENT DETAILS NO. 1
9.	ABUTMENT DETAILS NO. 2
10.	ABUTMENT DETAILS NO. 3
11.	ABUTMENT DETAILS NO. 4
12.	ABUTMENT DETAILS NO. 5
13.	TYPICAL SECTION
14.	GIRDER LAYOUT
15.	PRECAST GIRDER DETAILS
16.	CALIFORNIA ST-20S BRIDGE RAIL DETAILS NO. 1
17.	CALIFORNIA ST-20S BRIDGE RAIL DETAILS NO. 2
18.	CALIFORNIA ST-20S BRIDGE RAIL DETAILS NO. 3
19.	CALIFORNIA ST-20S BRIDGE RAIL DETAILS NO. 4
20.	LOG OF TEST BORINGS 1 OF 3
21.	LOG OF TEST BORINGS 2 OF 3
22.	LOG OF TEST BORINGS 3 OF 3

STANDARD PLANS DATED 2015

A3A	ABBREVIATIONS (SHEET 1 OF 3)
A3B	ABBREVIATIONS (SHEET 2 OF 3)
A3C	ABBREVIATIONS (SHEET 3 OF 3)
A10A	LEGEND - LINES AND SYMBOLS (SHEET 1 OF 5)
A10B	LEGEND - LINES AND SYMBOLS (SHEET 2 OF 5)
A10C	LEGEND - LINES AND SYMBOLS (SHEET 3 OF 5)
A10D	LEGEND - LINES AND SYMBOLS (SHEET 4 OF 5)
A10E	LEGEND - LINES AND SYMBOLS (SHEET 5 OF 5)
A10F	LEGEND - SOIL (SHEET 1 OF 2)
A10G	LEGEND - SOIL (SHEET 2 OF 2)
A10H	LEGEND - ROCK
A62C	LIMITS OF PAYMENT FOR EXCAVATION AND BACKFILL - BRIDGE
BO-3	BRIDGE DETAILS
BO-13	BRIDGE DETAILS
B6-21	JOINT SEALS (MAXIMUM MOVEMENT RATING = 2")
BY-1	BRIDGE GIRDER DETAILS



SPREAD FOOTING DATA TABLE

Support Location	Service ¹ Permissible Net Contact Stress (Settlement) (ksf)	Strength/Construction ² Factored Gross Nominal Bearing Resistance $\phi_b = 0.45$ (ksf)	Extreme Event ³ Factored Gross Nominal Bearing Resistance $\phi_b = 1.00$ (ksf)
Abut 1	20.0	27.0	N/A
Abut 2	16.0	21.6	N/A

- Controlling load combination is the one resulting in the highest ratio of Q_{pu}/Q_n for foundations on soil, or $Q_{b,max}/Q_n$ for foundation on rock.
- Controlling load combinations for Service Limit State is the one resulting in the highest ratio of Q_{pu}/Q_{pn} for foundations on soil, or $Q_{b,max}/Q_n$ for foundations on rock.
- Controlling load combination for Strength, Construction, and Extreme Event is the one resulting in the highest ratio of Q_{pu}/Q_n for foundations on soil, or $Q_{b,max}/Q_n$ for foundations on rock.

NOTE:
THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

GENERAL NOTES LOAD AND RESISTANCE FACTOR DESIGN

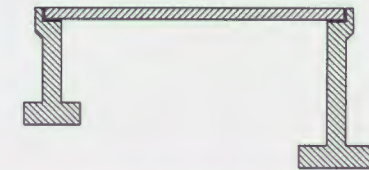
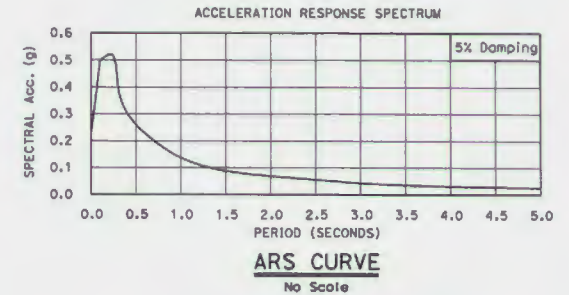
- DESIGN:**
AASHTO LRFD Bridge Design Specifications, 2012 Sixth Edition and California Amendments, preface dated January 2014
- SEISMIC DESIGN:**
Caltrans Seismic Design Criteria (SDC), Version 1.7, April 2013
- DEAD LOAD:**
Includes 35 psf for future wearing surface.
- LIVE LOADING:**
HL93 and permit design load.
- SEISMIC LOADING:**
Soil Profile: Va30 = 1100 m/s
Moment Magnitude: Mw = 7.7
Peak Bedrock Acceleration: 0.228 g
See ARS Curve
- REINFORCED CONCRETE:**
fy = 60 ksi
f'c = 4 ksi
n = 8
- PRESTRESSED STEEL:**
See "PRESTRESSING NOTES" on "PRECAST GIRDER DETAILS" sheet
- STRUCTURAL STEEL:**
Anchor plate: ASTM 709 Grade 50

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
11	SD	94			

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- PC/PS Concrete Voids Slab, see "PRECAST GIRDER DETAILS" sheet
- Abutment 4 ksi @ 28 days

CONCRETE STRENGTH AND TYPE LIMITS

No Scale

DESIGN	BY: J. Fong	CHECKED: P. Rimal
DETAILS	BY: P. Perez	CHECKED: J. Fong
QUANTITIES	BY: X	CHECKED: X

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
STRUCTURES DESIGN
DESIGN BRANCH 20

BRIDGE NO.: 57-1259
POST MILE: 50.64

CAMPO CREEK BRIDGE (REPLACE)
INDEX TO PLANS

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REV. 09-01-10)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

UNIT: 3622
PROJECT NUMBER & PHASE: 1116000173

CONTRACT NO.: 427404

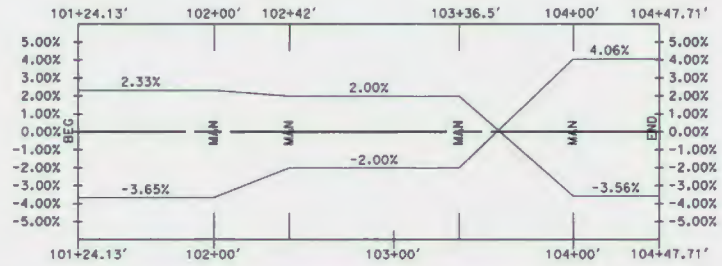
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REVISION DATES SHEET OF 2 22

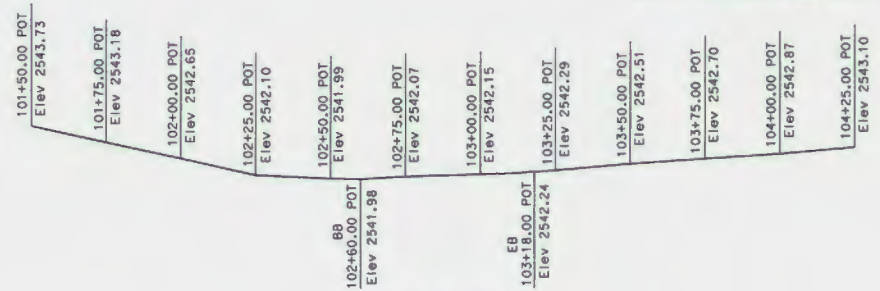
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11	SD	94			

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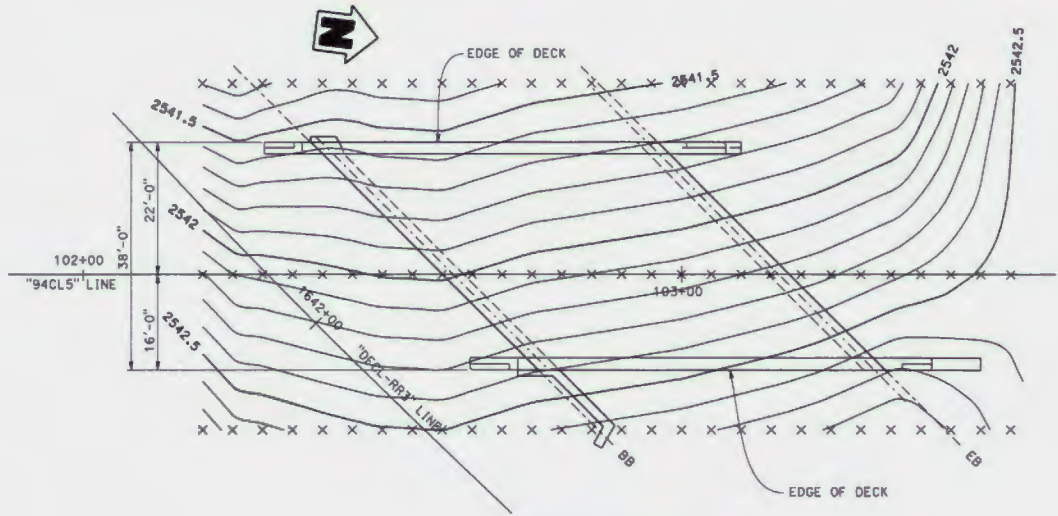
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 PLANS APPROVAL DATE _____
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SUPERELEVATION
NO SCALE



PROFILE GRADE
NO SCALE



DECK CONTOURS
1" = 10'

NOTE:
 THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

DESIGN	BY Jason Fang	CHECKED Prem Rimal
DETAILS	BY Lan Tran	CHECKED Jason
QUANTITIES	BY X	CHECKED X

DESIGNED	Prem Rimal
CHECKED	Jason
CHECKED	X

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF ENGINEERING SERVICES
 STRUCTURE DESIGN
DESIGN BRANCH 20

BRIDGE NO. 57-1259
 POST MILE 50.64
CAMPO CREEK BRIDGE (REPLACE)
DECK CONTOURS

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REV. 00-01-10)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

UNIT: 3622
 PROJECT NUMBER & PHASE: 1116000173 4
 CONTRACT NO.: 424704

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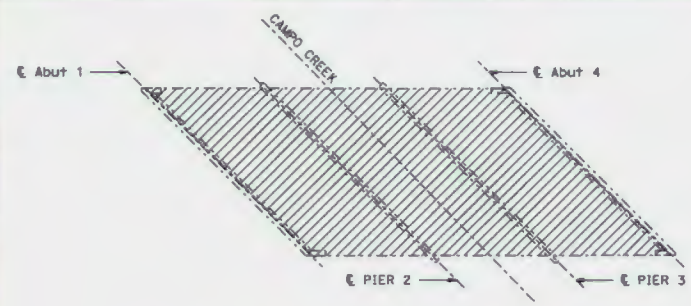
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11	SD	94			

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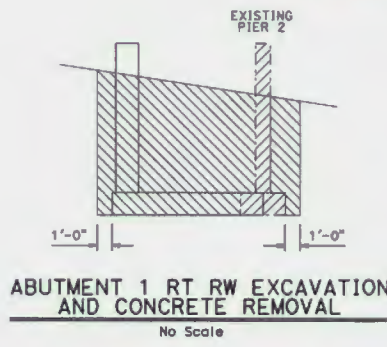
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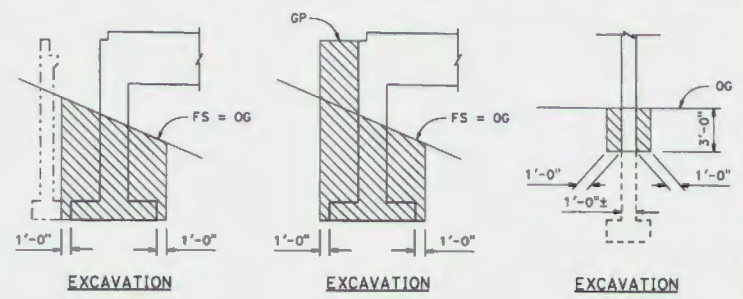
- LEGEND:
- Existing Structure
 - ▨ Bridge Removal (Portion)
 - ▩ Structure Excavation, Type D
 - ▧ Structure Backfill



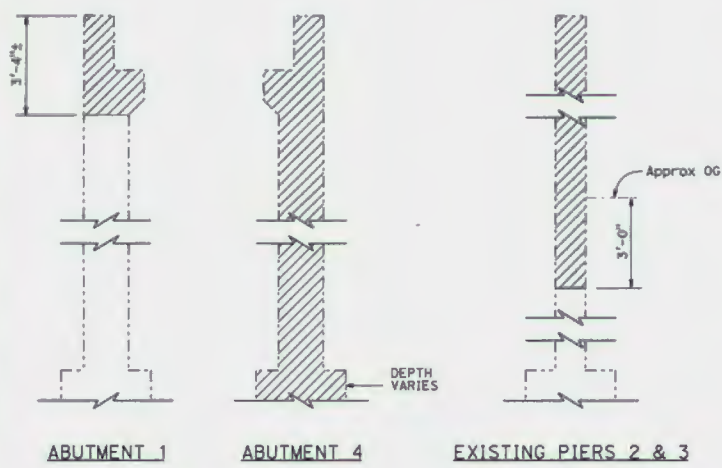
LIMIT OF EXISTING BRIDGE DECK REMOVAL
 No Scale



ABUTMENT 1 RT RW EXCAVATION AND CONCRETE REMOVAL
 No Scale

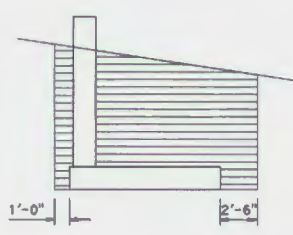


EXCAVATION EXCAVATION EXCAVATION

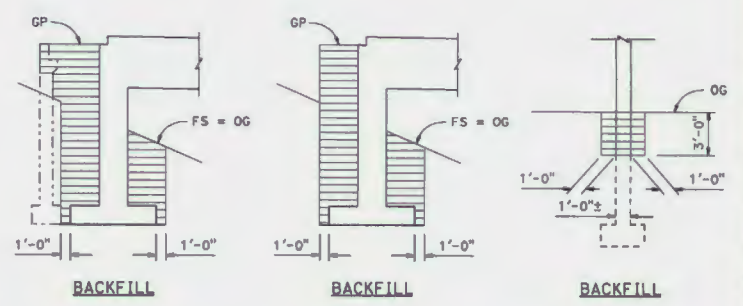


LIMIT OF EXISTING ABUTMENT REMOVAL
 No Scale

LIMIT OF CONCRETE REMOVAL
 No Scale



ABUTMENT 1 RT RW BACKFILL
 No Scale



BACKFILL BACKFILL BACKFILL

LIMITS OF PAYMENT FOR EXCAVATION AND BACKFILL
 No Scale

NOTE:
 THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

DESIGN	BY J. Fang	CHECKED P. Rimal
DETAILS	BY P. Perez	CHECKED J. Fang
QUANTITIES	BY X	CHECKED X

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
 STRUCTURES DESIGN
DESIGN BRANCH 20

BRIDGE NO. 57-1259
 POST MILE 50.64
CAMPO CREEK BRIDGE (REPLACE)
LIMITS OF BRIDGE REMOVAL

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REV. 08-01-10)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

UNIT: 3622
 PROJECT NUMBER & PHASE: 1116000173

CONTRACT NO.: 427404

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	5	22

DATE PLOTTED: 03 28 08 2016 09:58:11

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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REGISTERED CIVIL ENGINEER				DATE	
X				X	
PLANS APPROVAL DATE				DATE	
X				X	
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				CIVIL	

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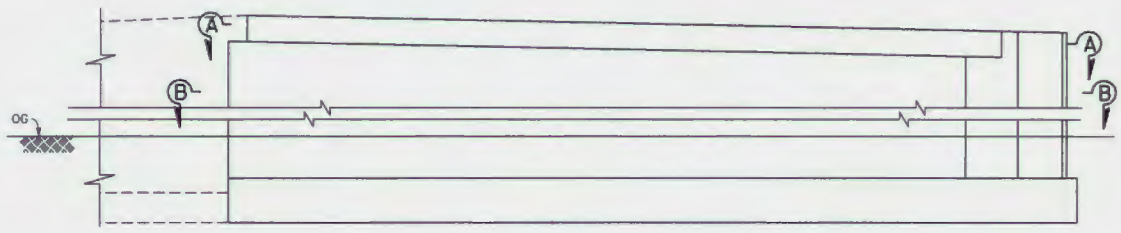
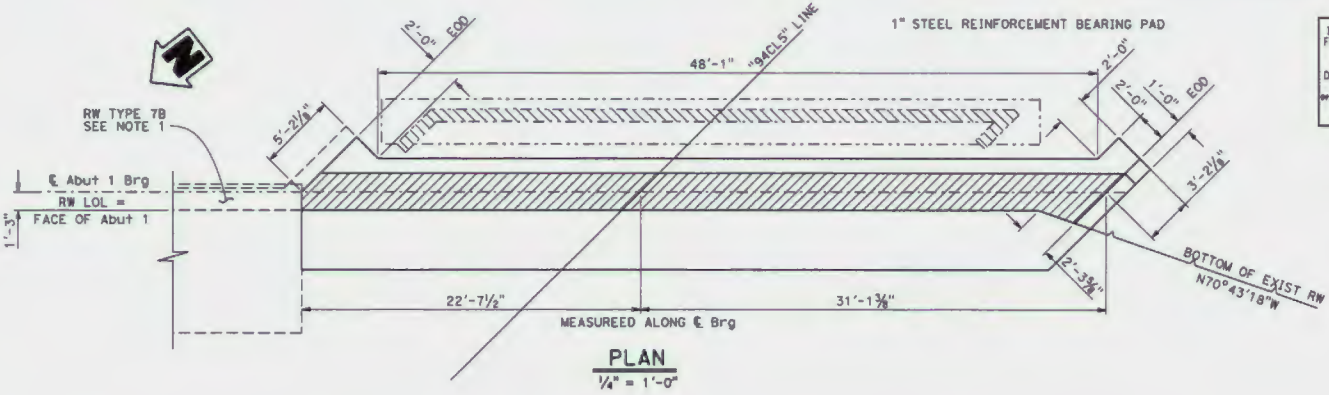


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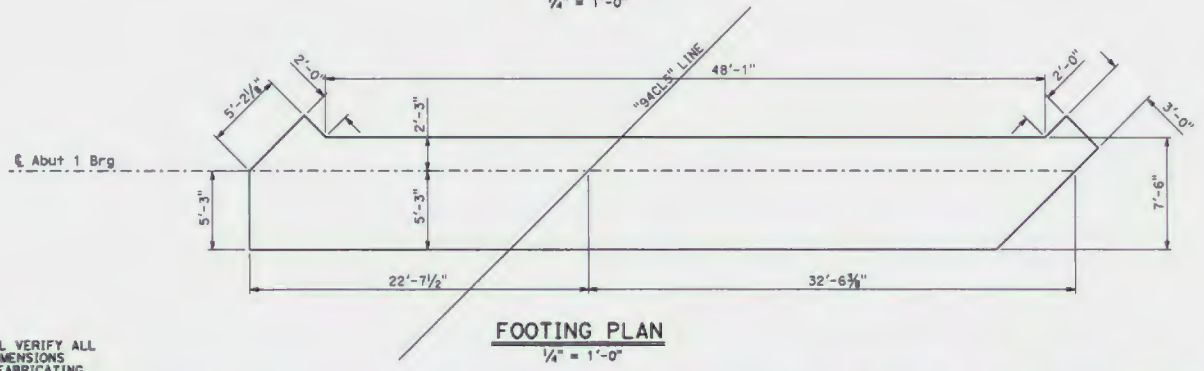
Existing Abut to be partially removed

NOTE:

- Retaining wall type 7B see "ABUTMENT DETAIL NO. 4" sheet.



ELEVATION
 1/4" = 1'-0"



FOOTING PLAN
 1/4" = 1'-0"

NOTE:
 THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

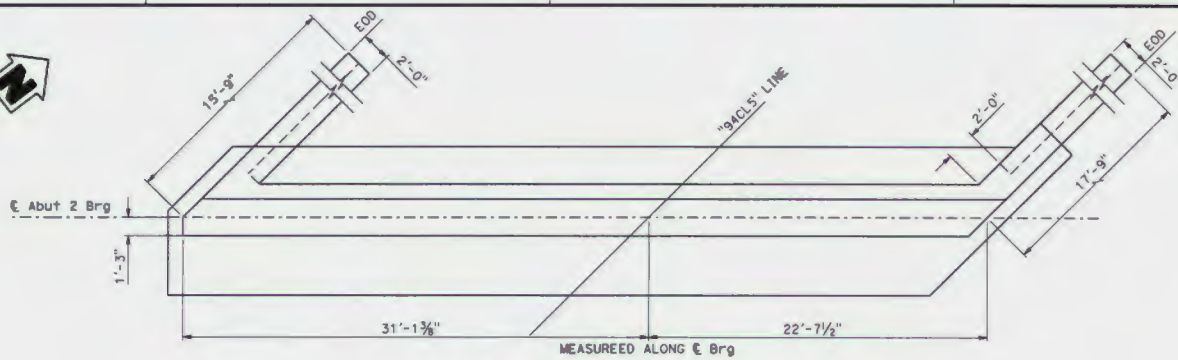
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DETAILS	BY: Lan Tran	CHECKED	JASON
QUANTITIES	BY: X	CHECKED	X

STATE OF CALIFORNIA
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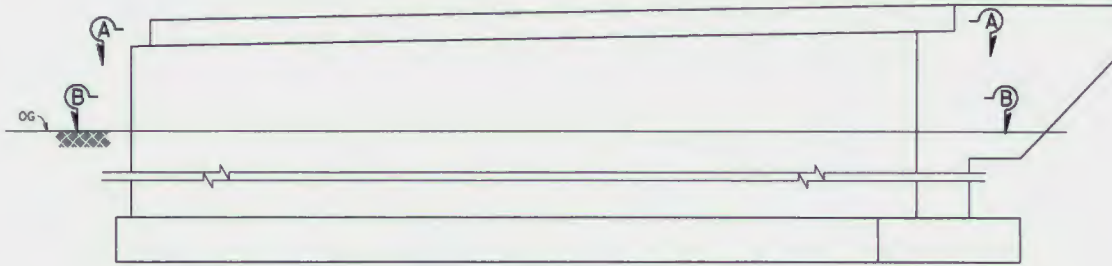
DIVISION OF ENGINEERING SERVICES
 STRUCTURE DESIGN
DESIGN BRANCH 20

BRIDGE NO. 57-1259
 POST MILE 50.64
**CAMPO CREEK BRIDGE (REPLACE)
 ABUTMENT 1 LAYOUT**

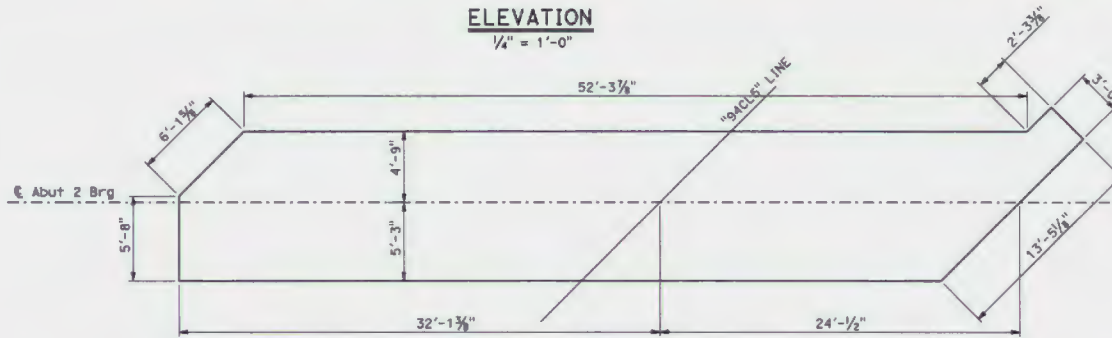
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PLAN
1/4" = 1'-0"



ELEVATION
1/4" = 1'-0"



FOOTING PLAN
1/4" = 1'-0"

NOTE:
THE CONTRACTOR SHALL VERIFY ALL
CONTROLLING FIELD DIMENSIONS
BEFORE ORDERING OR FABRICATING
ANY MATERIAL.

INCOMPLETE PLAN
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DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	94			

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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completeness of electronic copies of this plan sheet.



DESIGN	BY Jason Fang	CHECKED Prem Rimal
DETAILS	BY Lan Tran	CHECKED Jason
QUANTITIES	BY X	CHECKED X

STATE OF
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DIVISION OF ENGINEERING SERVICES
STRUCTURE DESIGN
DESIGN BRANCH 20

BRIDGE NO.	57-1259
POST MILE	50.64

CAMPO CREEK BRIDGE (REPLACE)
ABUTMENT 2 LAYOUT

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REV. 09-01-10)

ORIGINAL SCALE IN INCHES
FOR REDUCED PLANS

UNIT: 3622
PROJECT NUMBER & PHASE: 1116000173 4
CONTRACT NO.: 424704

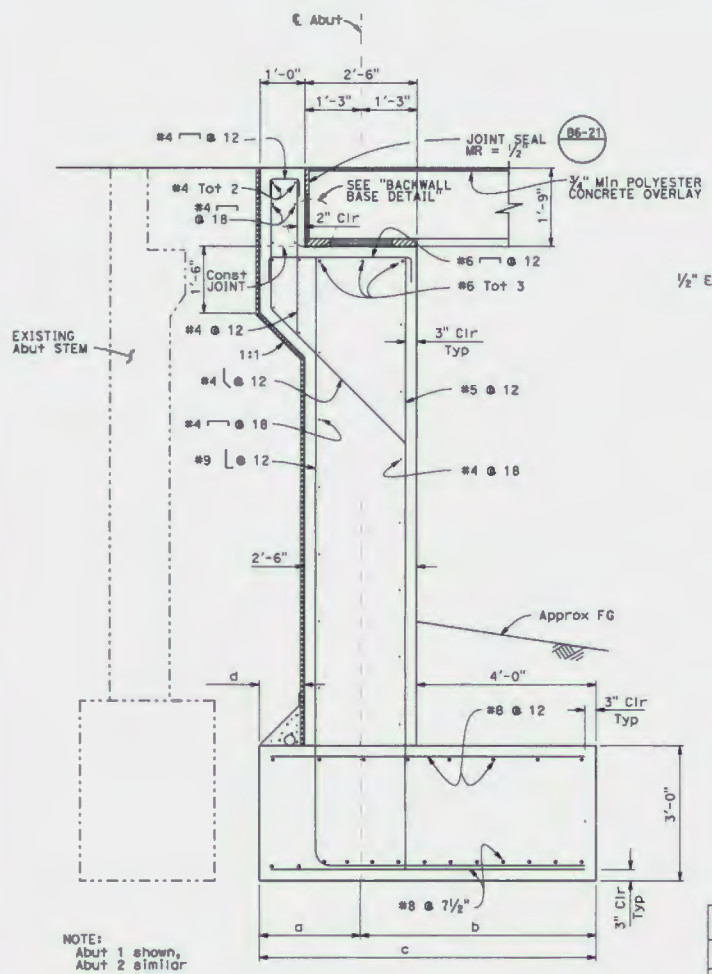
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EARLIER REVISION DATES

REVISION DATE	SHEET	OF
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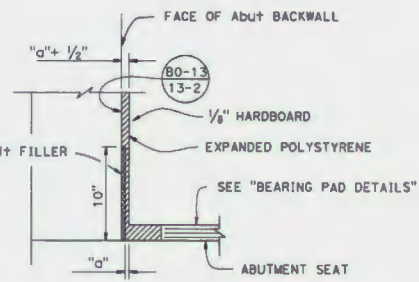
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PLANS APPROVAL DATE			REGISTERED PROFESSIONAL ENGINEER		
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 Office of Structure Design
 STATE OF CALIFORNIA

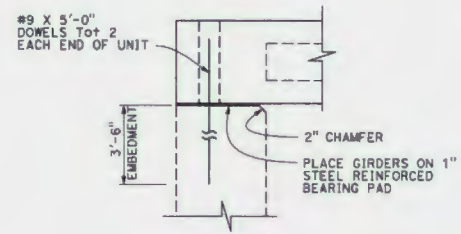


ABUTMENT TYPICAL SECTION
 3/4" = 1'-0"



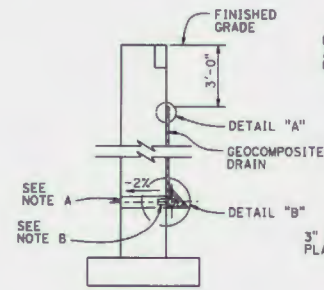
BACKWALL BASE DETAIL
 NO SCALE

NOTE:
 1. For "a" dimension, see (B6-21)

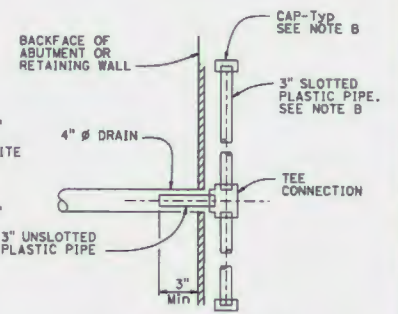


SUPPORT DETAIL
 NO SCALE

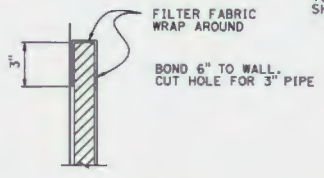
DIMENSION	Abut 1	Abut 2
a	2'-3"	4'-9"
b	5'-3"	5'-3"
c	7'-6"	10'-0"
d	1'-0"	3'-6"



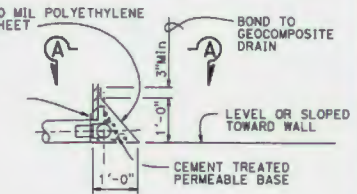
WALL SECTION



SECTION A-A



DETAIL "A"



DETAIL "B"

WEEP HOLE AND GEOCOMPOSITE DRAIN
 NO SCALE

ALTERNATIVE TO BRIDGE DETAIL (B0-3/3-1)

- NOTES:
- A. 4" ϕ drains at intermediate sag points and at 25' max center to center (9'-0" c-c for Type 3 and 9'-3" c-c for Type 4 retaining walls). For walls adjacent to sidewalks or curbs, provide 4" cast iron or asbestos cement pipe under the sidewalk to discharge through curb face. Exposed wall drains shall be located 3 1/2" above finished grade.
 - B. Geocomposite drain, cement treated permeable base, and 3" slotted plastic pipe continuous behind retaining wall or abutment. Cap ends of pipe. Provide "Tee" connection at each 4" ϕ drain.
 - C. Connect the low end of plastic pipe to the main outlet pipe as applicable.

NOTE:
 THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

DESIGN	BY: Jason Fang	CHECKED: Prem Rimal
DETAILS	BY: Lan Tran	CHECKED: Jason
QUANTITIES	BY: X	CHECKED: X

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF ENGINEERING SERVICES
 STRUCTURE DESIGN
DESIGN BRANCH 20

BRIDGE NO.: 57-1259
 POST MILE: 50.64
CAMPO CREEK BRIDGE (REPLACE)
ABUTMENT DETAILS NO. 1

STRUCTURES DESIGN DETAIL SHEET (EM1318) (REV. 09-01-10)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

UNIT: 3622
 PROJECT NUMBER & PHASE: 1116000173.4

CONTRACT NO.: 424704

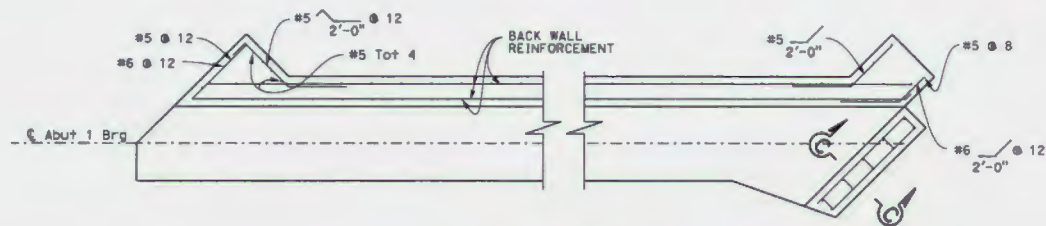
DISREGARD PRINTS BEARING EARLIER REVISION DATES
 REVISION DATES: 1/14/10
 SHEET: 8 OF 22

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
11	SD	94			

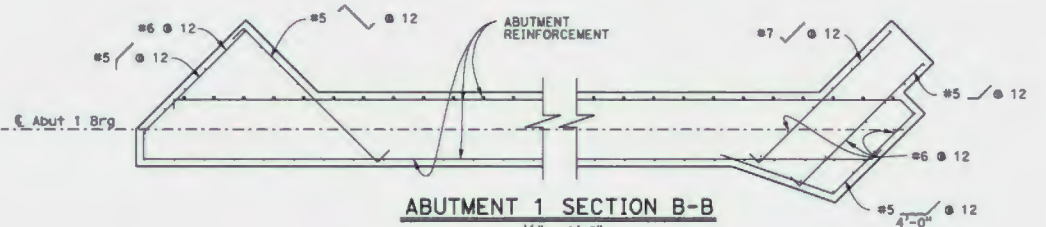
REGISTERED CIVIL ENGINEER	DATE	X
PLANS APPROVAL DATE		

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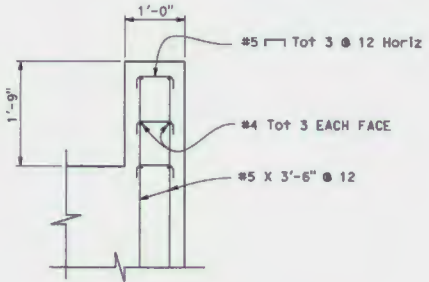
INCOMPLETE PLAN FOR DESIGN STUDY PRINTED
 DATE: 27-JUL-2010
 Office of Structure Design
 STATE OF CALIFORNIA



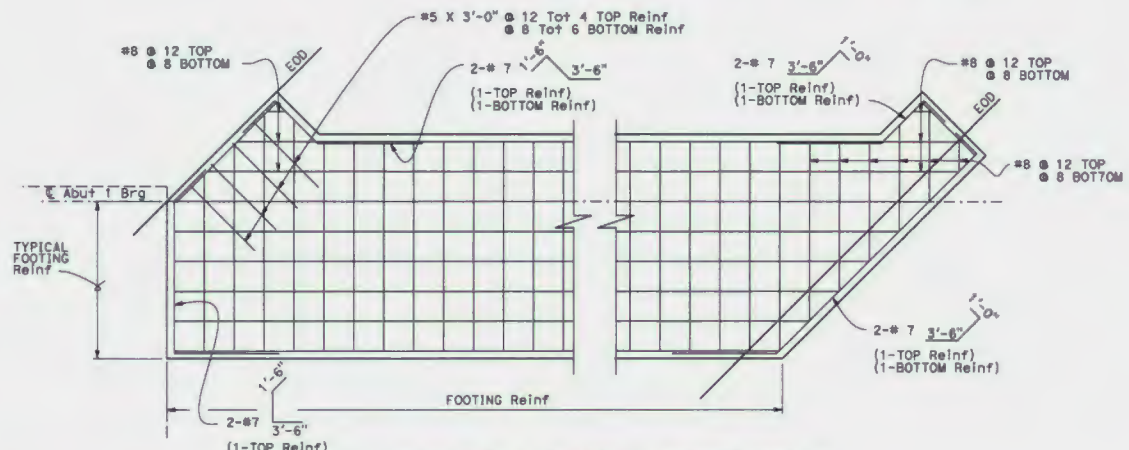
ABUTMENT 1 SECTION A-A
 $\frac{1}{2}'' = 1'-0''$



ABUTMENT 1 SECTION B-B
 $\frac{1}{2}'' = 1'-0''$



SECTION C-C
 $1'' = 1'-0''$



ABUTMENT 1 FOOTING CORNER DETAIL
 $\frac{1}{2}'' = 1'-0''$

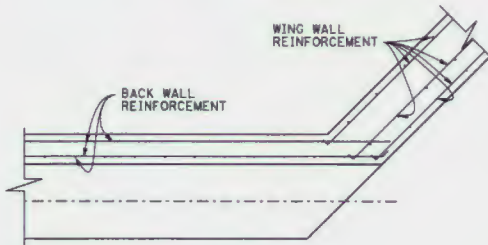
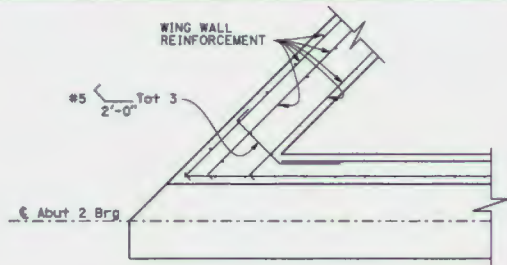
NOTE:
 THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

DESIGN	BY Jason Fang	CHECKED Prem Rimal
DETAILS	BY Lan Tran	CHECKED Jason
QUANTITIES	BY X	CHECKED X

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

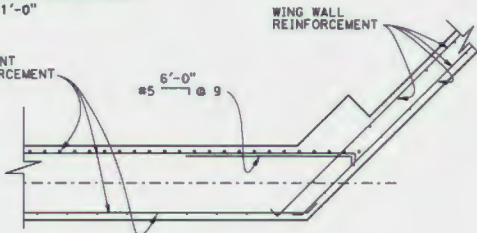
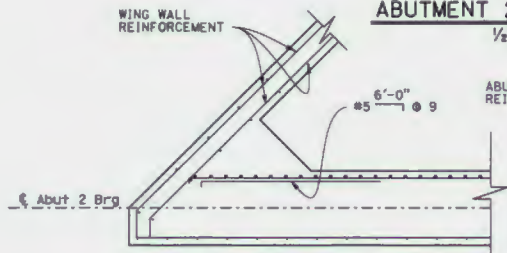
DIVISION OF ENGINEERING SERVICES
 STRUCTURE DESIGN
DESIGN BRANCH 20

BRIDGE NO. 57-1259
 POST MILE 50.64
CAMPO CREEK BRIDGE (REPLACE)
ABUTMENT DETAILS NO. 2



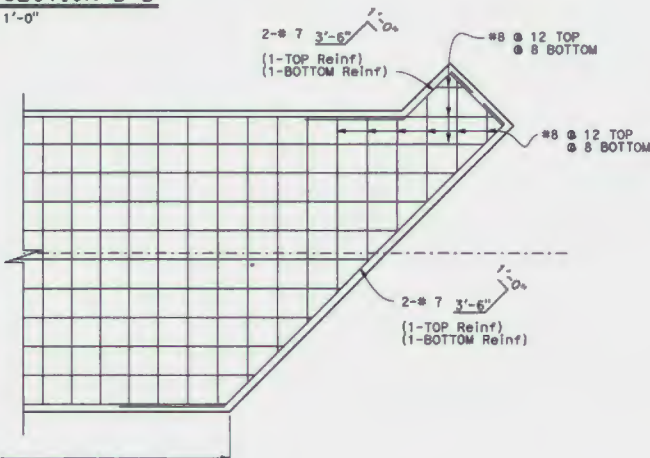
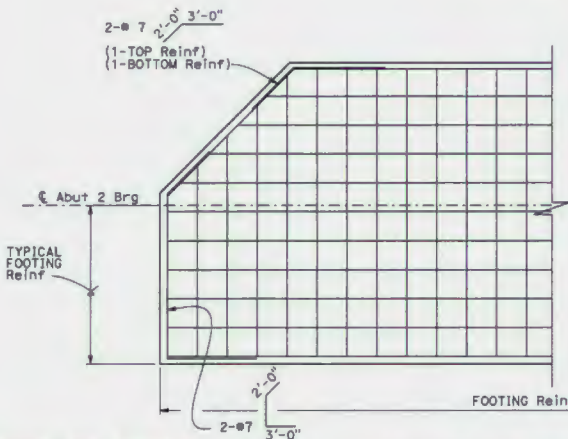
ABUTMENT 2 SECTION A-A

1/2" = 1'-0"



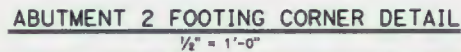
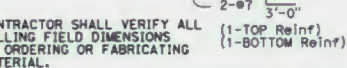
ABUTMENT 2 SECTION B-B

1/2" = 1'-0"



ABUTMENT 2 FOOTING CORNER DETAIL

1/4" = 1'-0"



INCOMPLETE PLAN FOR DESIGN STUDY PRINTED
 DATE: 27-JUL-2016
 Office of Structure Design
 STATE OF CALIFORNIA

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	94			

REGISTERED CIVIL ENGINEER DATE _____ X
 PLANS APPROVAL DATE _____ X
 No. _____ X
 Exp. _____ X
 CIVIL
 STATE OF CALIFORNIA

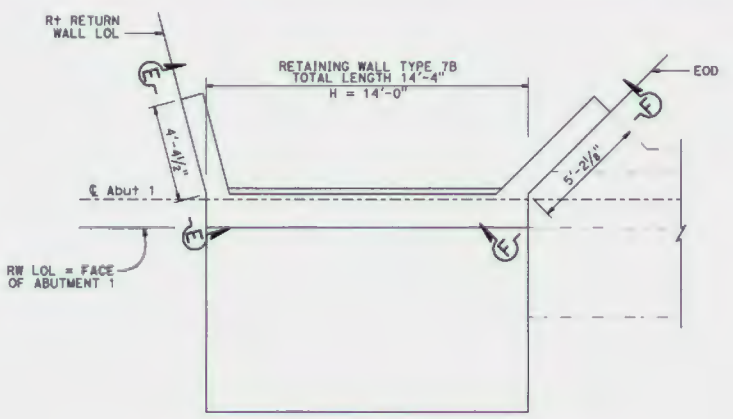
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

NOTE:
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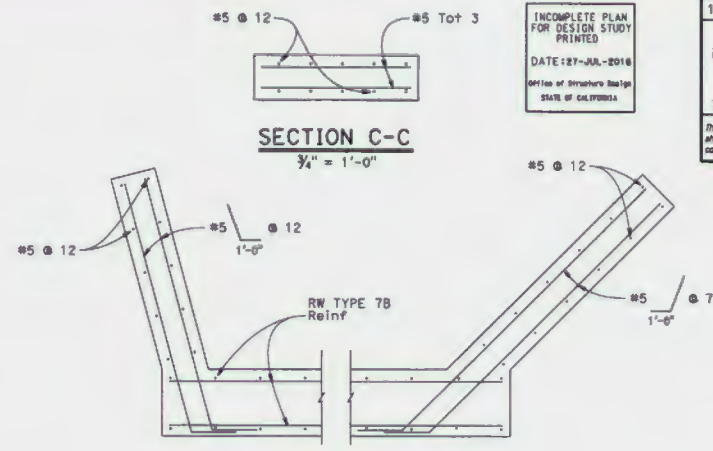
DESIGN	BY Jason Fang	CHECKED Prem Rimal
DETAILS	BY Lan Tran	CHECKED Jason
QUANTITIES	BY X	CHECKED X

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF ENGINEERING SERVICES
 STRUCTURE DESIGN
 DESIGN BRANCH 20
 BRIDGE NO. 57-1259
 POST MILE 50.64

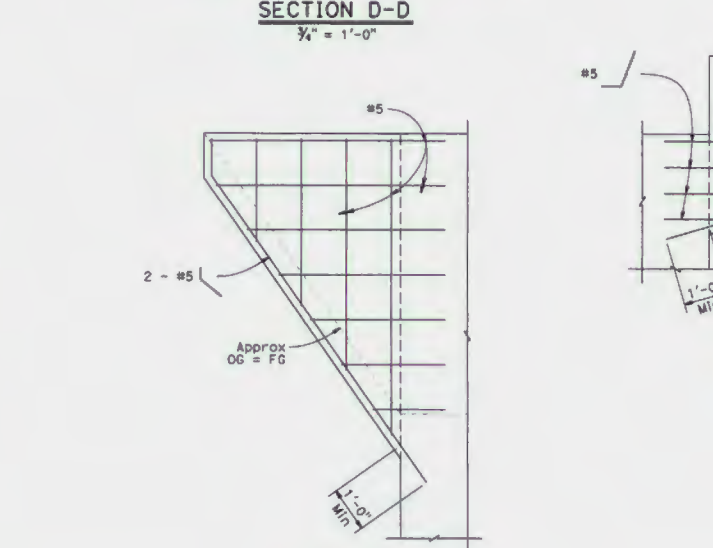
CAMPO CREEK BRIDGE (REPLACE)
 ABUTMENT DETAILS NO. 3



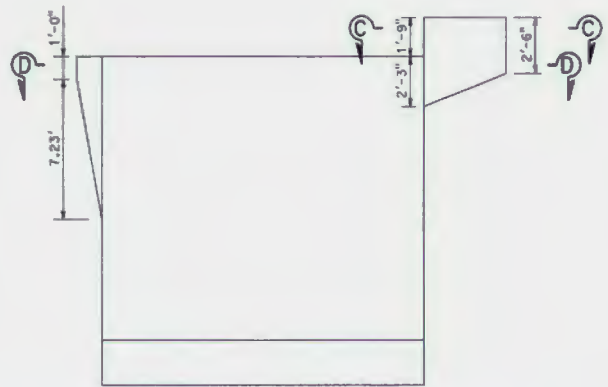
PLAN - RT RETAINING WALL - ABUTMENT 1
 $\frac{3}{8}'' = 1'-0''$



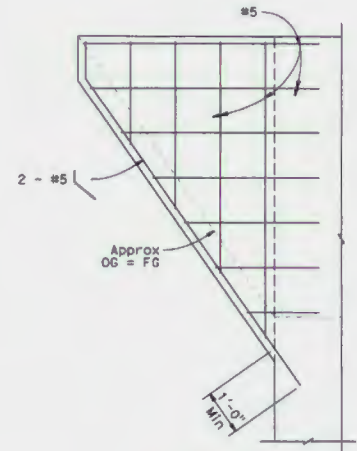
SECTION C-C
 $\frac{3}{8}'' = 1'-0''$



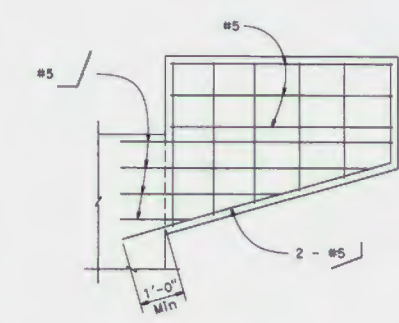
SECTION D-D
 $\frac{3}{8}'' = 1'-0''$



ELEVATION - RT RETAINING WALL - ABUTMENT 1
 $\frac{3}{8}'' = 1'-0''$



VIEW E-E
 $\frac{3}{8}'' = 1'-0''$



VIEW F-F
 $\frac{3}{8}'' = 1'-0''$

INCOMPLETE PLAN FOR DESIGN STUDY PRINTED
 DATE: 27-JUL-2016
 Office of Structural Design
 STATE OF CALIFORNIA

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	94			

REGISTERED CIVIL ENGINEER DATE: X
 PLANS APPROVAL DATE: X
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL
 STATE OF CALIFORNIA

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NOTE:
 THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

DESIGN	BY J. Fang	CHECKED P. Rimal
DETAILS	BY P. Perez	CHECKED J. Fang
QUANTITIES	BY X	CHECKED X

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF ENGINEERING SERVICES
 STRUCTURE DESIGN
 DESIGN BRANCH 20

BRIDGE NO. 57-1259
 POST MILE 50.64
CAMPO CREEK BRIDGE (REPLACE)
ABUTMENT DETAILS NO. 4

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REV. 09-01-10)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

UNIT: 3622
 PROJECT NUMBER & PHASE: 1116000173

CONTRACT NO.: 427404

DESIGNER PLOTTER BEARING EARLIER REVISION DATES SHEET 11 OF 22

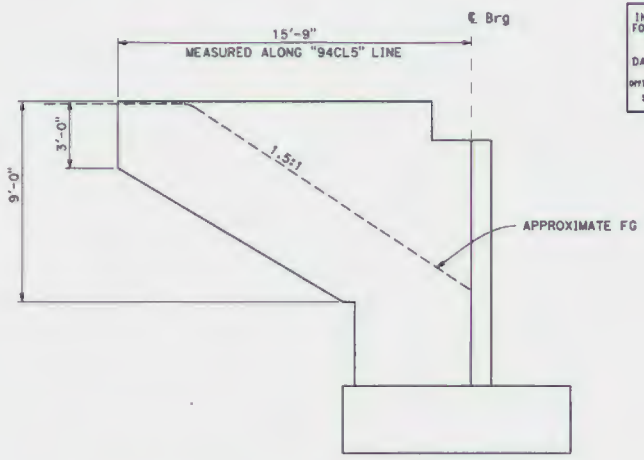
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	94			

REGISTERED CIVIL ENGINEER	X	DATE	
PLANS APPROVAL DATE			

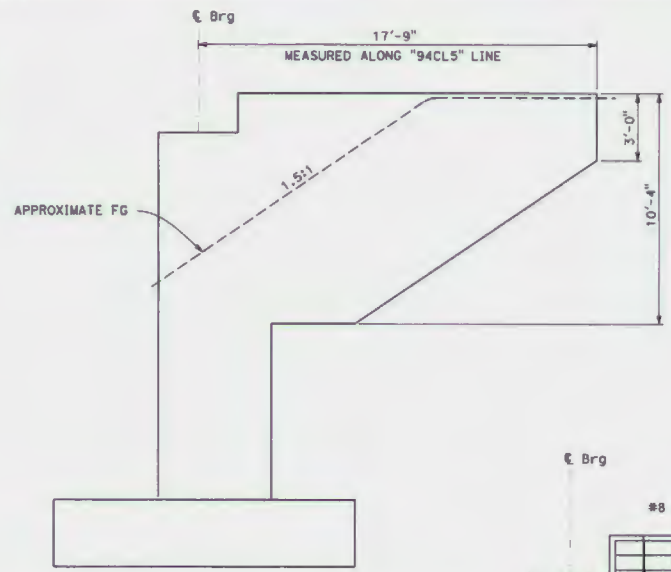
REGISTERED PROFESSIONAL ENGINEER
 No. X
 Exp. X
 CIVIL
 STATE OF CALIFORNIA

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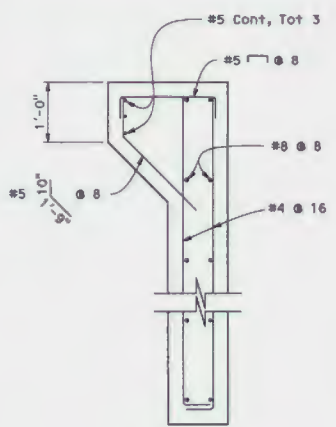
- NOTES:**
1. Bridge Rail not shown.
 2. Roll connection details see "CALIFORNIA ST-20S BRIDGE RAIL" sheet 3 of 4.



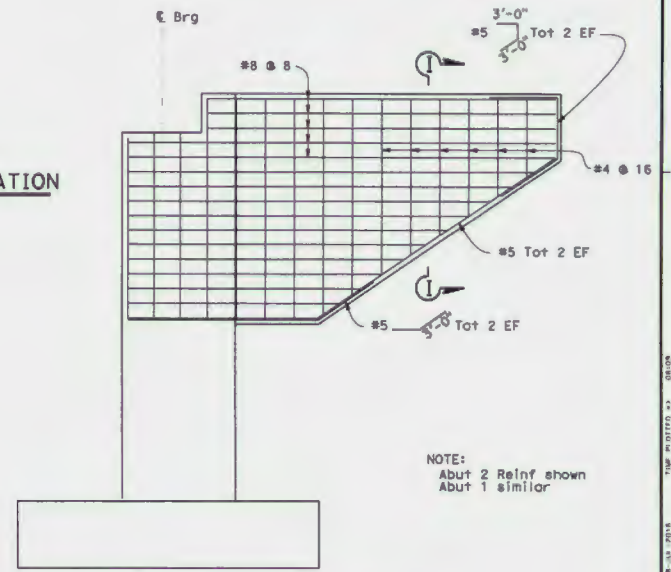
ABUTMENT 2 LEFT WING WALL ELEVATION
 $\frac{3}{8}'' = 1'-0''$



ABUTMENT 2 RIGHT WING WALL ELEVATION
 $\frac{3}{8}'' = 1'-0''$



SECTION I-I
 $1'' = 1'-0''$



ABUTMENT 2 WING WALL REINFORCEMENT
 $\frac{3}{8}'' = 1'-0''$

NOTE:
 Abut 2 Reinf shown
 Abut 1 similar

NOTE:
 THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

INCOMPLETE PLAN FOR DESIGN STUDY PRINTED
 DATE: 27-JUL-2018
 Office of Structural Design
 STATE OF CALIFORNIA

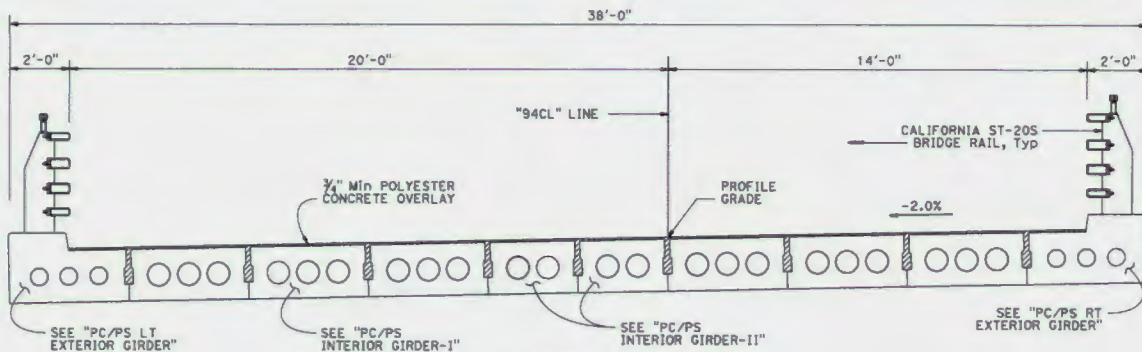
DESIGN BY: Jason Fang CHECKED: Prem Rimol	DETAILS BY: Lan Tran CHECKED: Jason	QUANTITIES BY: X CHECKED: X	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES STRUCTURE DESIGN DESIGN BRANCH 20	BRIDGE NO. 57-1259	CAMPO CREEK BRIDGE (REPLACE) ABUTMENT DETAILS NO. 5
					POST MILE 50.64	
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				UNIT: 3622 PROJECT NUMBER & PHASE: 1116000173 4	CONTRACT NO.: 424704	REVISION DATES
				DISSEMINATION SHEETING EARLIER REVISION DATES		SHEET 12 OF 22

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
11	SD	94			

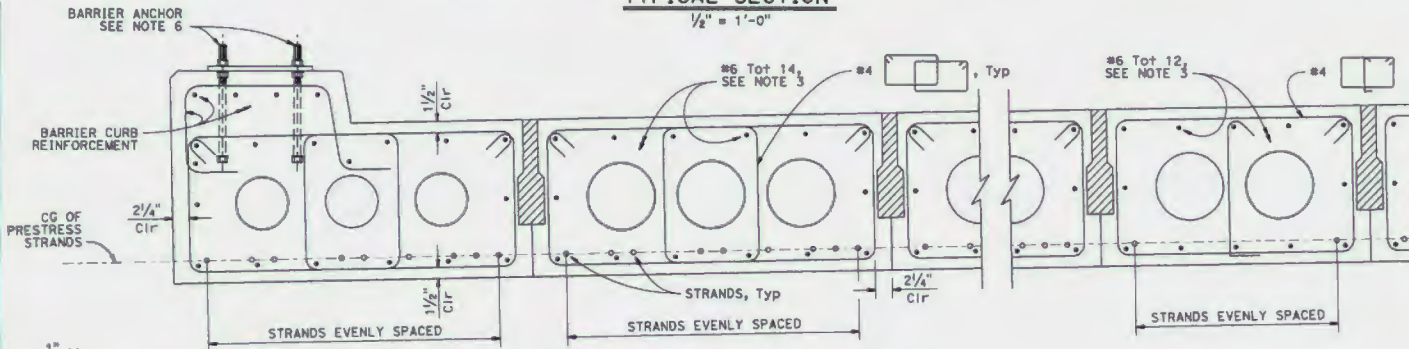
REGISTERED CIVIL ENGINEER	X	DATE	
PLANS APPROVAL DATE			

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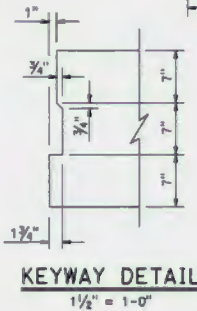
INCOMPLETE PLAN FOR DESIGN STUDY PRINTED
 DATE: 27-JUL-2016
 Office of Structures Design
 STATE OF CALIFORNIA



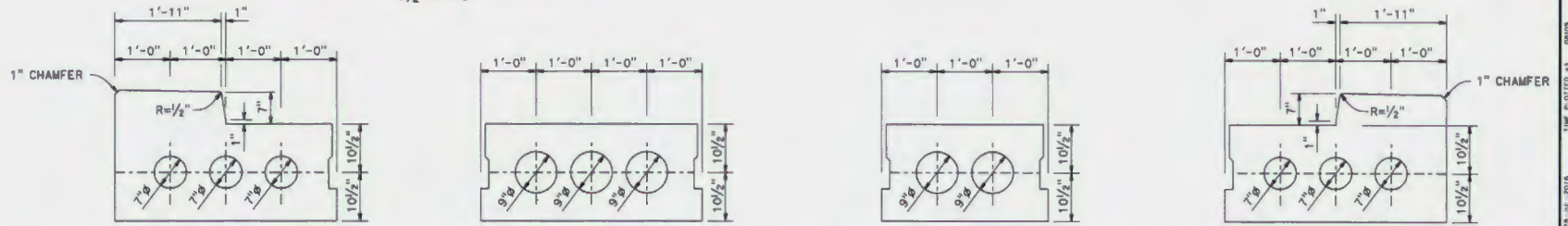
TYPICAL SECTION
 1/2" = 1'-0"



PART TYPICAL SECTION
 1/2" = 1'-0"



KEYWAY DETAIL
 1/2" = 1'-0"



PC/PS LT EXTERIOR GIRDER PC/PS INTERIOR GIRDER - I PC/PS INTERIOR GIRDER - II PC/PS RT EXTERIOR GIRDER

TYPICAL SECTIONS
 1" = 1'-0"

NOTES:

- All longitudinal keyways and diaphragm blockouts shall be cleaned in the precasting plant to remove surface laitance and curing compounds.
- Area around keyways shall be kept moist for 24 hours prior to grouting between girders.
- Adjust reinforcement spacing to avoid conflict with P/S strands.
- For end and intermediate diaphragm reinforcement, see "PRECAST GIRDER DETAILS" sheet.
- Transverse tie rods are not shown, see "GIRDER LAYOUT" sheet.
- For barrier curb reinforcement and anchorage details, see CALIFORNIA ST-20S BRIDGE RAIL details sheets.
- For details not shown, see "PRECAST GIRDER DETAILS" sheet.
- For end and intermediate diaphragm reinforcement, see "PRECAST GIRDER DETAILS" sheet.
- For details of strands, see "PRECAST GIRDER DETAILS" sheet.

LEGEND:

- Non shrink grout
- Strands

NOTE:
 THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

DESIGN	BY J. Fang	CHECKED P. Rimal
DETAILS	BY P. Perez	CHECKED J. Fang
QUANTITIES	BY X	CHECKED X

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
 STRUCTURE DESIGN
DESIGN BRANCH 20

BRIDGE NO.	57-1259
POST MILE	50.64

CAMPO CREEK BRIDGE (REPLACE)
TYPICAL SECTION

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REV. 09-01-10)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

0 1 2 3

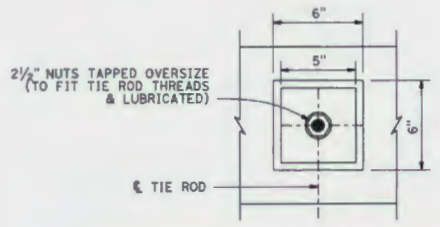
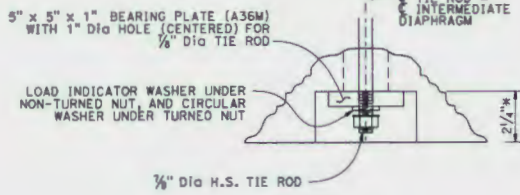
UNIT: 3622
 PROJECT NUMBER & PHASE: 1116000173

CONTRACT NO.: 427404

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATE		SHEET	13	OF	22
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DATE PLOTTED: 28 JUL 2016 10:07:53 AM

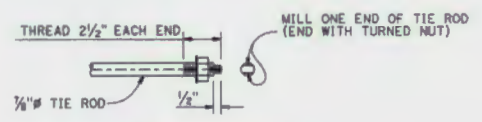


INTERMEDIATE DIAPHRAGM BLOCKOUT
NO SCALE

* At exterior sides of two exterior girders, the blockout depth shall be sufficient to provide 2" minimum cover

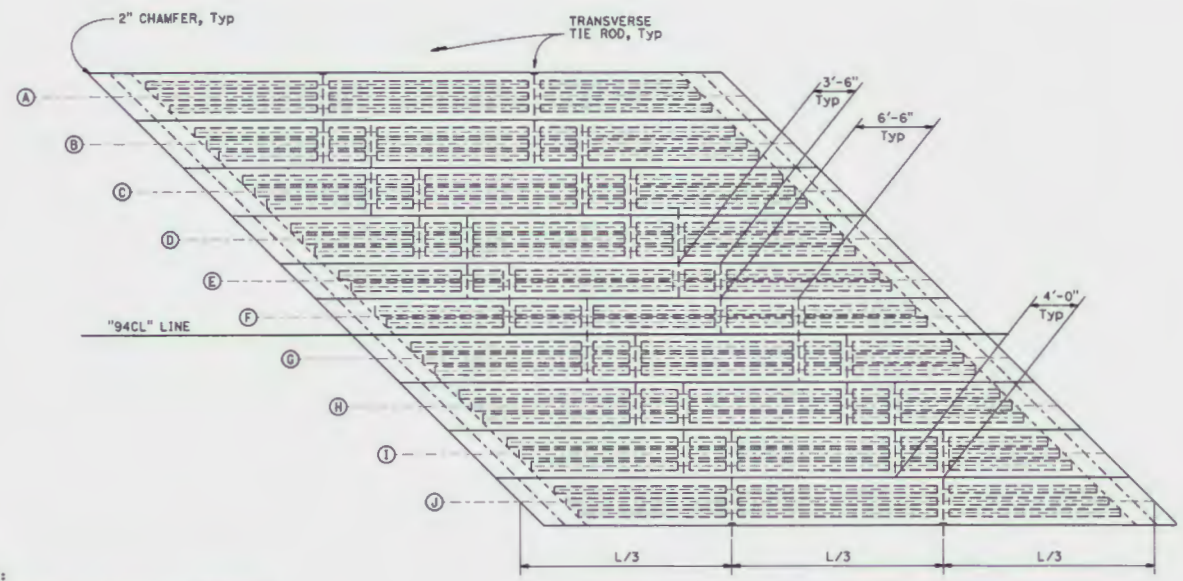
TRANSVERSE POST TENSIONING NOTES

1. 7/8" High strength smooth rod with 2 1/2" threaded length, 120 ksi ASTM A722
2. Each rod to be tensioned to 40 kips.



TIE ROD HARDWARE
NO SCALE

NOTE:
Prevent tie rod from turning during tensioning by using a wrench on milled end



GIRDER FRAMING PLAN
1" = 5'

- NOTES:
1. The girder length (L), is measured along ξ of each girder.
 2. Any changes for tie rod numbers and locations must be authorized by the Engineer.

NOTE:
THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

INCOMPLETE PLAN FOR DESIGN STUDY PRINTED
DATE: 27-JUL-2016
Office of Structure Design
STATE OF CALIFORNIA

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	94			

REGISTERED CIVIL ENGINEER	DATE	X
PLANS APPROVAL DATE		

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DESIGN BY: J. Fong	CHECKED BY: P. Rinaldi	BRIDGE NO.: 57-1259	CAMPO CREEK BRIDGE (REPLACE)
DETAILS BY: P. Perez	CHECKED BY: J. Fong	POST MILE: 50.64	
QUANTITIES BY: X	CHECKED BY: X	DESIGN BRANCH 20	GIRDER LAYOUT

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

UNIT: 3622 PROJECT NUMBER & PHASE: 1116000173 CONTRACT NO.: 427404

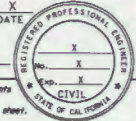
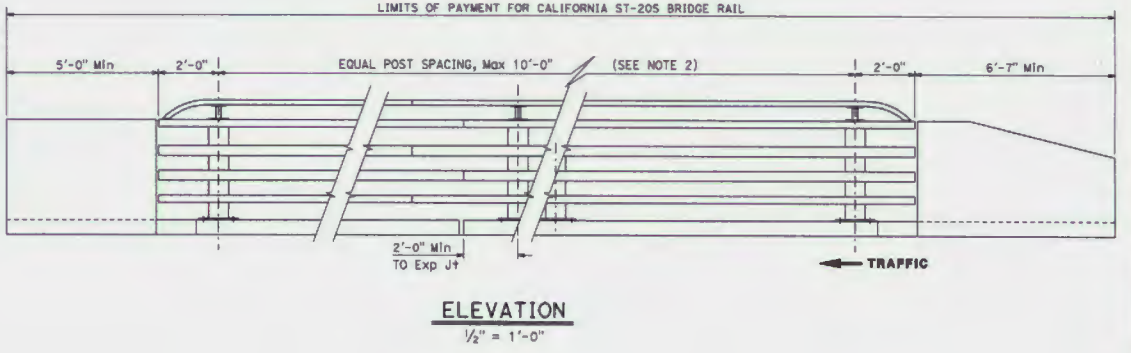
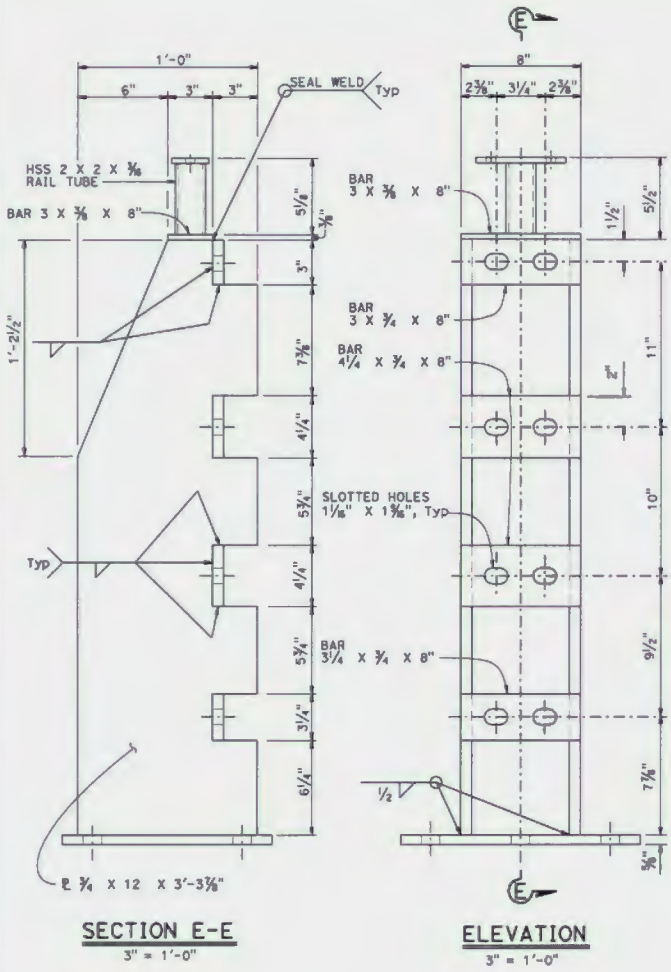
DISSEMINATION BEARING EARLIER REVISION DATES

REVISION DATES	SHEET OF
	14 22

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	94	X	X	X

INCOMPLETE PLAN FOR DESIGN STUDY PRINTED
 DATE: 27-JUL-2016
 Office of Structure Design
 STATE OF CALIFORNIA

REGISTERED CIVIL ENGINEER DATE _____ X
 PLANS APPROVAL DATE _____ X
 The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

- NOTES:
1. For approach and departure end details, see "DETAILS No. 3" sheet.
 2. Post spacing and/or block length to be adjusted to fit bridge length or wingwall length.
 3. All horizontal members are parallel to longitudinal profile grade of deck.
 4. Posts are normal to profile grade of structure.
 5. Posts are vertical to the transverse cross section.

STANDARD DRAWING	
FILE NO. xs10-120-2	APPROVAL DATE <u>JANUARY 2015</u>

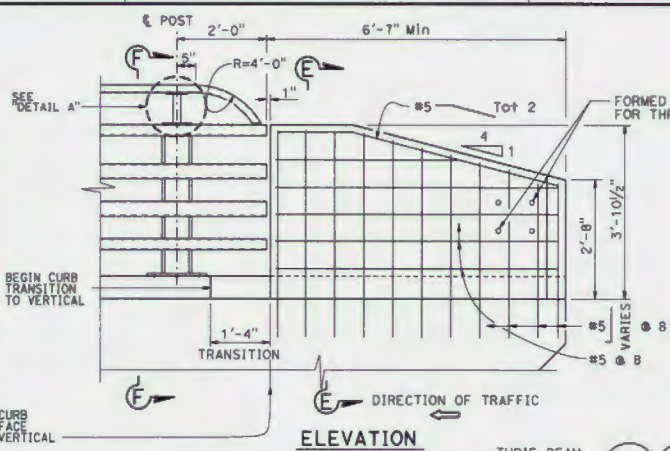
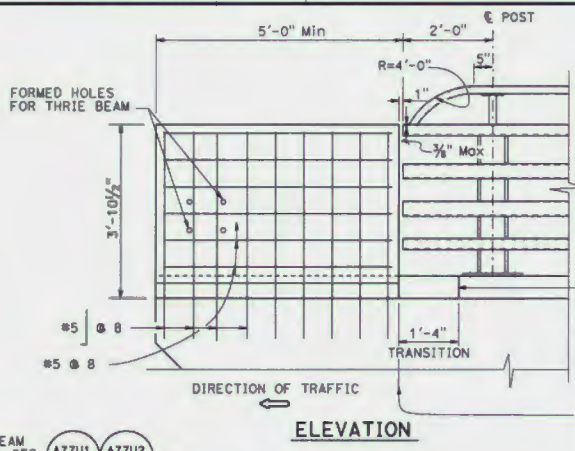
STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF ENGINEERING SERVICES

BRIDGE NO.	57-1259
POST MILE	50.64

CAMPO CREEK BRIDGE (REPLACE)
CALIFORNIA ST-20S BRIDGE RAIL
DETAILS No. 2

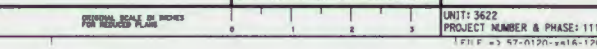
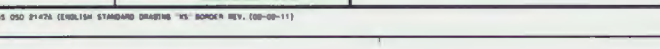
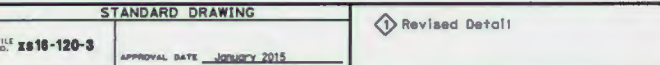
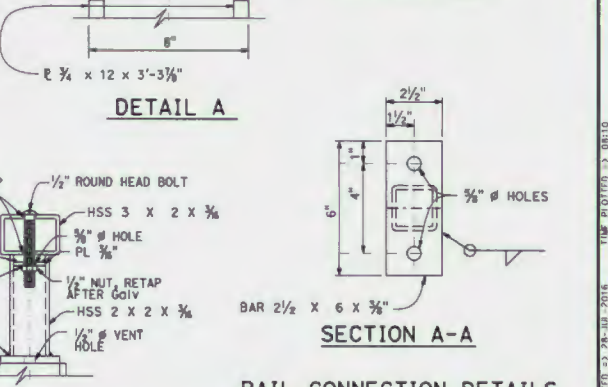
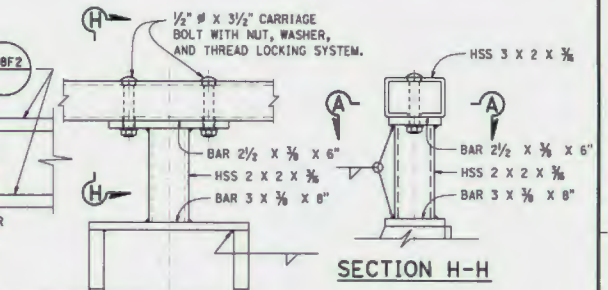
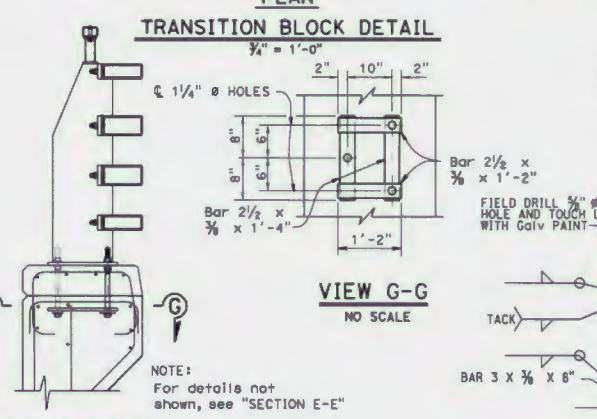
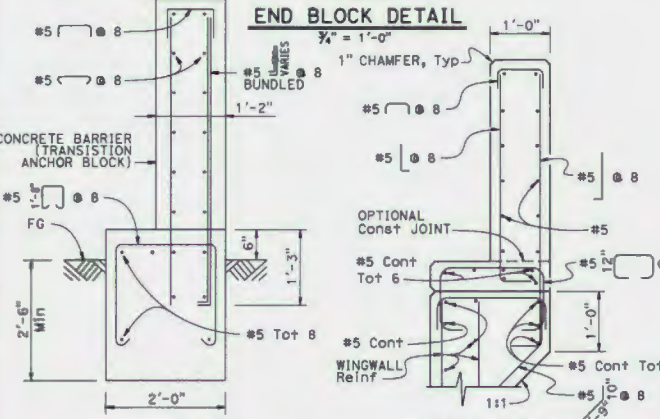
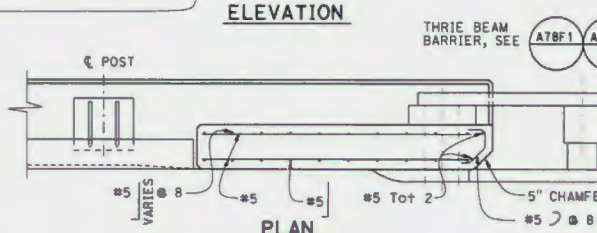
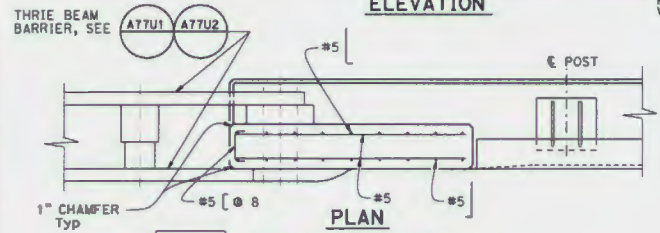
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL SHEETS
11	SD	94	X	X

REGISTERED CIVIL ENGINEER	X
DATE	
REGISTERED PROFESSIONAL ENGINEER	X
NO.	
CIVIL	
STATE OF CALIFORNIA	



INCOMPLETE PLAN FOR DESIGN STUDY PRINTED
DATE: 27-JUL-2016
Office of Structures Design
STATE OF CALIFORNIA

- NOTES:
- Anchor bolts may be tack welded (shop or field) to anchorage.
 - Each rail length must be continuous over a minimum of two posts.
 - The fabricator must check that the tubular sleeve splices conform to the dimensions indicated to assure proper clearance.
 - Except for expansion splices, not more than one splice permitted per same side of post.



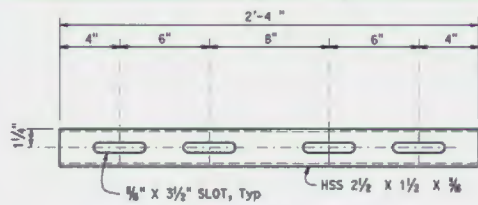
CAMPO CREEK BRIDGE (REPLACE)
CALIFORNIA ST-20S BRIDGE RAIL
DETAILS No. 3

STANDARD DRAWING
FILE NO. **2816-120-3**
APPROVAL DATE January 2015

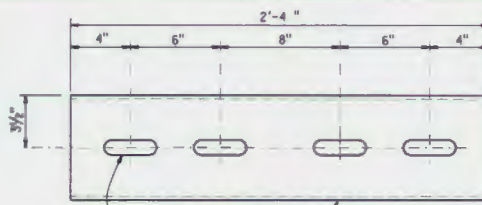
Revised Detail

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

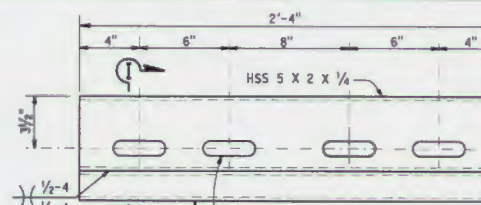
DIVISION OF ENGINEERING SERVICES
BRIDGE NO. 57-1259
POST MILE 50.64



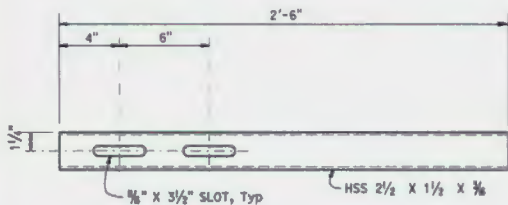
(FOR HSS 3 x 2 x 3/8 RAIL)
STANDARD SLEEVE DETAIL
 3" = 1'-0"



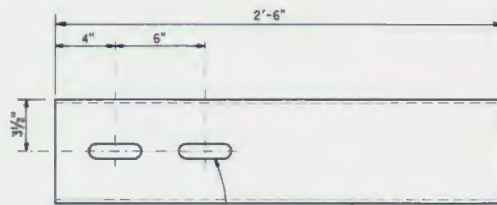
(FOR HSS 8 x 4 x 3/8 RAIL)
STANDARD SLEEVE DETAIL
 3" = 1'-0"



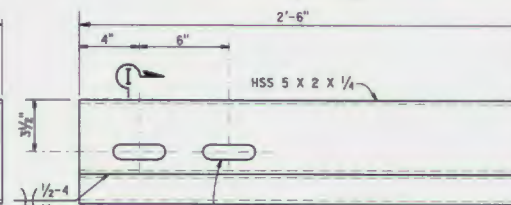
(FOR HSS 8 x 3 x 3/8 RAIL)
STANDARD SLEEVE DETAIL
 3" = 1'-0"



(FOR HSS 3 x 2 x 3/8 RAIL)
EXPANSION SLEEVE DETAIL
 3" = 1'-0"



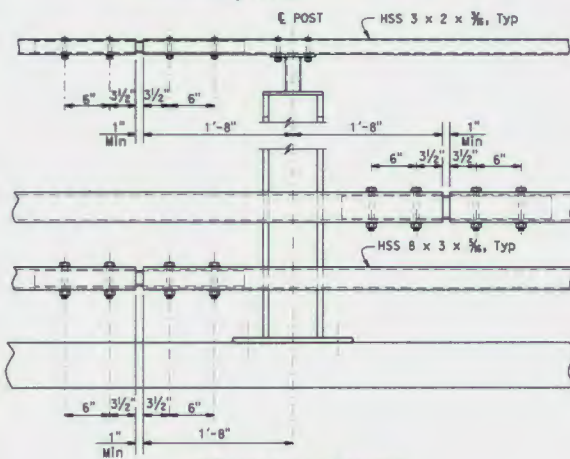
(FOR HSS 8 x 4 x 3/8 RAIL)
EXPANSION SLEEVE DETAIL
 3" = 1'-0"



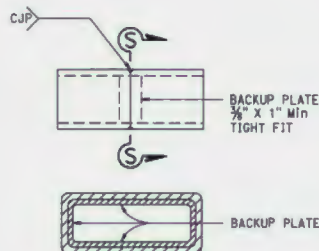
(FOR HSS 8 x 3 x 3/8 RAIL)
EXPANSION SLEEVE DETAIL
 3" = 1'-0"



SECTION I-I
 3" = 1'-0"

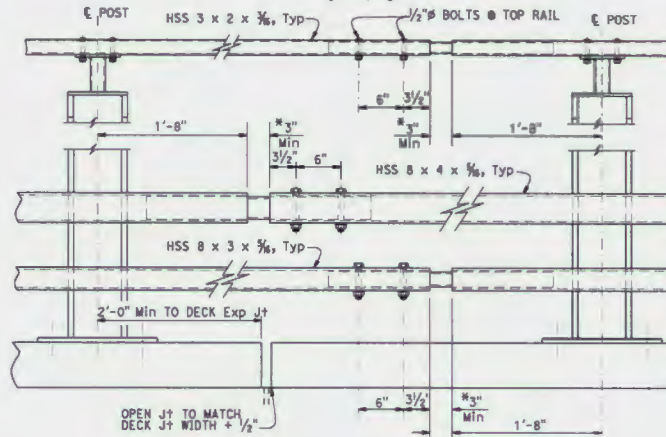


STANDARD SPLICE
 1 1/2" = 1'-0"



SECTION S-S

ALTERNATE TUBE WELDED SPLICE
 3" = 1'-0"



EXPANSION SPLICE
 1 1/2" = 1'-0"
 * MATCH DECK OR WALL JOINT

INCOMPLETE PLAN
 FOR DESIGN STUDY
 PRINTED
 DATE: 27-JUL-2016
 Office of Structural Design
 STATE OF CALIFORNIA

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	94	X	X	X

REGISTERED CIVIL ENGINEER DATE _____ X

PLANS APPROVAL DATE _____

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

NOTES:

1. HS bolts with nut and washers, snug tightened, and thread locking system.
2. Use 1/2" x 3 3/8" (HSS 8 x 2 x 3/8)
 Use 3/4" x 4 3/8" (HSS 8 x 3 x 3/8)
 Use 3/4" x 5 3/8" (HSS 8 x 4 x 3/8)

STANDARD DRAWING

FILE NO. X818-120-4

APPROVAL DATE January 2015

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

BRIDGE NO. 57-1259
 POST MILE 50.64

CAMPO CREEK BRIDGE (REPLACE)
CALIFORNIA ST-20S BRIDGE RAIL
DETAILS No. 4

03 OSD 7/14 (ENGLISH STANDARD DRAWING "AS BORDER REV. (03-02-11)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

UNIT: 3622
 PROJECT NUMBER & PHASE: 1116000173

CONTRACT NO.: 427404

DISREGARD PRINT'S BEARING EARLIER PREVIOUS DATES

REVISION DATA SHEET 19 22

1301 E. 47-0120-0418-120-4.dwg

TOP DRAWING - DATE PLOTTED: 27 JUL 2016 TWP PLOTTED: 03 ORIS

California Department of Transportation, District 11
Campo Creek Bridge Replacement
Certification No. R9-2016-0176

**ATTACHMENT 4
MITIGATION LOCATION AND LEDGER**

Figure 3 – Rancho San Diego Mitigation Bank Jurisdiction

Five (un-numbered) Pages – Rancho San Diego Mitigation Bank Ledger,
Ownership, and Species

Rancho San Diego

Bank Created on: 10 January 1996

Beginning Total Balance:

Quad Name: Jamul Mountains

566 OWNER: 3 Partners:

County of San Diego 24%,
San Diego Association of Gov'ts 53%,
California Dept. of Transportation 23%.

1,705.06 acres; 34 pairs California gnatcatchers; 30 pairs least Bell's vireos

For Credits: USFWS (Janet Stuckrath)

Carlsbad Field Office
6010 Hidden Valley Road
Carlsbad, California 92009
(760) 431-9440

Location: 32, 43', 30" N. x 116, 57' W.

Habitat Types: Coastal Sage Scrub, Chaparral, Maritime Succulent Scrub, Riparian Woodland, ARPA, sensitive plants.

Service Area: Within San Diego County cis-montane habitats.

Restrictions: for Exclusive use by CALTRANS, County, and SANDAG projects.

Obligations: See agreement of mitigation strategy with final signature on 1/10/96 and Agreement for Distribution of credits 3/6/96

Partner 1: (S.D. Co.'s 24%)

County of San Diego

Julia Quinn

Department of Public Works

5469 Kearny Villa Road, Suite 305

San Diego, CA 92123

Phone: (858) 874-4054; Fax: (858) 874-4043

Julia.Quinn@sdcounty.ca.gov

Partner 2: (SANDAG's 53%)

Keith Greer

401 B Street, Suite 800

San Diego, CA 92101

Phone: 619-699-7390

Keith.Greer@sandag.org

http://www.sandag.cog.ca.us

Partner 3: (CALTRAN's 23%)

California Dept. of Transportation, District 11

Kim T. Smith

Environmental Stewardship and Ecological Studies

4050 Taylor Street

San Diego, CA 92186-5406

(619) 688-0220

kim_t_smith@dot.ca.gov

BANKING ACTIVITY: 3 Partners, 7 Habitat Types = 1,705.1 acres, 34 prs California gnatcatcher, 30 prs least Bell's vireo

	TOTAL ACRES	TOTAL CAGN	TOTAL LBV
Beginning Balance	1,705.10	34	30
Used To-Date	1,037.06	28	24
Remaining	667.74	6	6

Gnatcatcher Territory Size: 20.5 acres/breeding; 34.6 acres/non-breeding

CSS Total Coastal Sage Scrub = 1,289.00 ac
 SMC Total Southern Mixed Chaparral = 67.00 ac
 MRF Total Marsh Riparian Floodplain = 5.1 ac
 RW Total Riparian Woodland = 155.00 ac
 OW Total Oak Woodland = 11.00 ac

NG Total Native Grassland = 7.00 ac
 DIS Total Disturbed/Ruderal = 171.00 ac
 CAGN Total California Gnatcatcher Pairs = 34
 LBV Total Least Bell's Vireo Pairs = 30

San Diego Co. (24%)

Total Acres Available = 409.20

Date	User	Project Impacted	CSS	SMC	RW	MRF	OW	NG	DIS	Total Acres Used	CAGN	LBV
3/8/1996		Beginning Balance	226.200	19.60	72.50	2.40	4.80	3.40	80.300	409.20	6	7
5/28/1996	County of San Diego	Jamacha Blvd (Rt 54). Rd. Widening	10.000		0.30	0.20			0.300	10.80	1	
10/24/1996	S.D.Co. for City of Chula Vista	Veteran's Home	34.000							34.00		
4/8/1998	Department of Public Works	Jamcha/Campo Rd. (Rt.54/Rt.94) Improve			3.00					3.00		
4/26/1999	County of San Diego	Holly Oaks							1.000	1.00		
	County of San Diego	Valley Center Rd Widening			3.62		2.60	0.51		6.73		
	County of San Diego	Olive Vista Dr./Jefferson Drive	1.870							1.87		
	County of San Diego	Wildcat Canyon/Old Barona Road		0.63			0.05			0.68		
5/7/2003	California Transportation Ventures	State Route 125 south	61.500							61.50	3	
	County of San Diego	Whitestone Canyon Sewer Replacement	0.620							0.62		1
	County of San Diego	Kitchen Creek Bridge Replacement			0.12					0.12		
	County of San Diego	EI Capitan Bike Path	0.510							0.51		
2002	County of San Diego	RGP 53 Maintenance	0.110							0.11		
1/8/2004	County of San Diego	Wildcat Canyon Road (updated 12/30/05)	1.500	6.70	4.60					12.80		
3/24/2004	County of San Diego	Jamacha Landfill	2.800							2.80		
2003	County of San Diego	RGP 53 Maintenance	0.160							0.16		
9/22/2004	County of San Diego	SR 54/94	0.810							0.81		
	County of San Diego	Plaza Bonita Bike Path	0.450						0.450	0.90		
2006	County of San Diego	RGP 53 Maintenance	0.020							0.02		
	County of San Diego	Viejas Bridge Replacement	0.450							0.45		
2008	County of San Diego	RGP 53 Maintenance	0.050							0.05		
	County of San Diego	Woodside Ave Drainage Project				0.14			0.110	0.25		
2009	County of San Diego	RGP 53 Maintenance	0.010							0.01		
11/16/2009	County of San Diego	Rancho San Diego Sheriff Station	3.100							3.10		
	County of San Diego	Knottwood Way extension					0.20			0.20		
7/2/1905	County of San Diego	RGP 53 Maintenance	0.0007							0.00		
12/2/2010	County of San Diego	Jamacha/Orange Project	0.420						0.145	0.57		
3/28/2011	County of San Diego	Las Colinas Detention Facility							2.400	2.40		
4/7/2011	County of San Diego	Sweetwater Loop Trail	0.120						0.980	1.10		
										0.00		
		Used to-date	118.501	7.33	11.64	0.34	2.85	0.51	5.385	146.56	4.00	1.00
		Remaining Totals	107.699	12.27	60.86	2.06	1.95	2.89	74.915	262.64	2	6

SENDER: COMPLETE THIS SECTION

- Complete Items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Andrew Rice
 Caltrans DU
 4050 Taylor St
 M.S. 333
 San Diego CA
 92110

2. Article Number

(Transfer from service label)

7011 0470 0002 8952 8356

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

- Agent
 Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type

- Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee)

Yes

