

### **DEPARTMENT OF THE ARMY**

Los Angeles District Corps of Engineers P.O. Box 532711 Los Angeles, CA 90017-3401

June 21, 2013

REPLY TO
ATTENTION OF

Regulatory Division

Scott Quinnell California Department of Transportation, District 8 Senior Environmental Planner 464 West 4th Street Fl 6 San Bernardino, California 92401-1400

Dear Mr. Quinnell:

Enclosed you will find a signed copy of your Department of the Army Permit (File No. SPL-2012-00528-VCC). Please retain this copy for your files.

Thank you for participating in our regulatory program. If you have any questions, please contact Veronica Chan at 213-452-3292 or via e-mail at Veronica.C.Chan@usace.army.mil.

Please be advised that you can now comment on your experience with Regulatory Division by accessing the Corps web-based customer survey form at: <a href="http://per2.nwp.usace.army.mil/survey.html">http://per2.nwp.usace.army.mil/survey.html</a>.

"Building Strong and Taking Care of People!"

Sincerely,

Mark Cohen

Deputy Chief, Regulatory Division

Enclosure(s)



### LOS ANGELES DISTRICT U.S. ARMY CORPS OF ENGINEERS

### DEPARTMENT OF THE ARMY PERMIT

Permittee:

California Department of Transportation, District 8 (POC: Scott Quinnell)

**Permit Number:** 

SPL-2012-00528-VCC

**Issuing Office:** 

Los Angeles District

Note: The term "you" and its derivatives, as used in this permit, means the Permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions specified below.

### **Project Description:**

To permanently discharge fill into 0.002 acre of wetland and 0.001 acre of non-wetland waters of the U.S. and to temporarily discharge fill into 0.21 acre of wetland and 0.32 acre of non-wetland waters of the U.S. pursuant to section 404 of the Clean Water Act of 1972, as amended, in association with the replacement and widening of the Highway 111 Salt Creek Bridge to accommodate standard width lanes and shoulders, as shown on the attached drawings.

Specifically, you are authorized to:

- 1. Construct six new 6-foot-diameter piers with a new bridge constructed using pre-cast bridge girder segments launched or placed in-situ by overhead cranes perched on the existing abutments resulting in permanent discharge of fill material into 0.002 acre of wetland and 0.001 acre of non-wetland waters of the U.S.; and
- 2. Discharge temporary fill material into 0.21 acre of wetland and 0.32 acre of non-wetland waters of the U.S. in association with the following:

- Temporary equipment and access roads during construction to remove the
  existing bridge and piers and to construct a new bridge and piers within the ESA
  fencing area (shown on the attached Figure 4B).
- Removal of eight piers (3-foot by 3-foot piers) excavated to a depth of two feet under the current ground surface.
- Replace the rock rip rap at the base of the bridge abutments with similar ungrouted rock rip rap where needed within waters of the U.S. and place additional rock rip rap on the slopes of the roadway outside of waters of the U.S.

Project Location: Within Salt Creek near the City of Mecca, Riverside County, California.

### **Permit Conditions:**

### **General Conditions:**

- 1. The time limit for completing the authorized activity ends on June 20, 2018. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.
- 2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification from this permit from this office, which may require restoration of the area.
- 3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.
- 4. If you sell the property associated with this permit, you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
- 5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.

6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished with the terms and conditions of your permit.

### **Special Conditions:**

- 1. The Permittee shall abide by the terms and conditions of the Clean Water Act (CWA) section 401 Water Quality Standards Certification, dated May 14, 2013.
- 2. The Permittee shall clearly mark the limits of the workspace with flagging or similar means to ensure mechanized equipment does not enter avoided waters of the U.S. areas shown in the attached figures. Adverse impacts to waters of the U.S. beyond the Corps Regulatory Division-approved construction footprint are not authorized. Such impacts could result in permit suspension and revocation, administrative, civil or criminal penalties, and/or substantial, additional, compensatory mitigation requirements.
- 3. Upon project completion, all temporary fills shall be removed and all temporarily affected wetland and non-wetland waters of the U.S. and adjacent slopes shall be re-contoured to pre-construction conditions. In accordance with the Salt Creek Bridge Replacement on State Route 111 Habitat Mitigation and Monitoring Plan (dated May 2013), the Permittee shall hydro-mulch, seed, or replant, where possible, the disturbed portions of the earthen stream bottoms and banks with native, non-invasive species, as appropriate to the affected areas, to reduce the potential for erosion. The Permittee shall submit the proposed planting palette for review and approval by the Corps Regulatory Division prior to initiation of work within waters of the U.S. The Permittee shall ensure the hydro-mulched, seeded, or replanted areas are maintained and monitored for a period of five years after completing the seeding and planting activities, such that less than 10 percent of the areas disturbed by the project are vegetated by non-native and invasive plant species. In addition, the Permittee shall hand remove non-native, invasive plants within waters of the U.S. within the Biological Study Area (see Approximate Project Boundary on Figure 3) and dry seed with native, non-invasive species. The Permittee shall ensure the Biological Study Area is maintained and monitored for a period of five years after completing the seeding and planting activities such that less than 10 percent of the area within wetland and non-wetland waters of the U.S. are vegetated by nonnative and invasive plant species. To avoid impacts to desert pupfish, the areas of the channel with active flows shall not be disturbed. If disturbance to the perennial areas of the channel is required, approval from the Corps is required prior to disturbance. The Permittee shall submit a memorandum by April 15th after each year of annual maintenance and monitoring. The memo shall indicate the project impact areas on a map, when temporary construction areas were re-contoured to pre-construction conditions, when native seeding and planting was completed, the species and percent cover (absolute) of invasive and/or non-invasive plant

- species that occur onsite each year prior to treatment, and when and how many/the extent of invasive and/or non-invasive plant species were removed.
- 4. This Corps permit does not authorize you to take any threatened or endangered species, in particular the desert pupfish (Cyprinodon macularius) or the Yuma clapper rail (Rallus longirostris yumanensis) or adversely modify designated critical habitat for any federally listed species. In order to legally take a listed species, you must have separate authorization under the Endangered Species Act (ESA) (e.g. ESA section 10 permit, or a Biological Opinion (BO) under ESA section 7, with "incidental take" provisions with which you must comply). The enclosed USFWS BO (May 8, 2012) contains mandatory terms and conditions to implement the reasonable and prudent measures that are associated with "incidental take" that is also specified in the BO. Your authorization under this Corps permit is conditional upon your compliance with all of the mandatory terms and conditions associated with incidental take of the attached BO, terms and conditions of which are incorporated by reference in this permit. Failure to comply with the terms and conditions associated with incidental take of the BO, where a take of the listed species occurs, would constitute an unauthorized take, and it would also constitute non-compliance with your Corps permit. The Corps and USFWS are the appropriate authority to determine compliance with the terms and conditions and reasonable and prudent measures.
- 5. Within 45 calendar days of completing authorized work in waters of the U.S., the Permittee shall submit to the Corps Regulatory Division a memo including the following:
  - A) Date(s) work within waters of the U.S. was initiated and completed;
  - B) Summary of compliance status with each special condition of this permit (including any noncompliance that previously occurred or is currently occurring and corrective actions completed or being taken to achieve compliance);
  - C) Color photographs taken at the project site before and after construction for those aspects directly associated with impacts to waters of the U.S.;
  - D) One copy of as-built drawings for the entire project (all sheets must be signed, dated, to-scale, and no larger than  $8.5 \times 11$  inches); and
  - E) Signed Certification of Compliance.
- 6. Pursuant to 36 C.F.R. section 800.13, in the event of any discoveries during construction of either human remains, archeological deposits, or any other type of historic property, the Permittee shall notify the Corps' Regulatory Division and Archeology staff (Steve Dibble at 213-452-3849 or John Killeen at 213-452-3861) within 24 hours. The Permittee shall immediately suspend all work within 100 feet of any area(s) where potential cultural resources are discovered. The Permittee shall not resume construction in the area surrounding the potential cultural resources until the Corps Regulatory Division re-authorizes project construction, per 36 C.F.R. section 800.13.

### **Further Information:**

- 1. Congressional Authorities. You have been authorized to undertake the activity described above pursuant to:
- () Section 10 of the River and Harbor Act of 1899 (33 U.S.C. 403).
- (X) Section 404 of the Clean Water Act (33 U.S.C. 1344).
- () Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. 1413).
- 2. Limits of this authorization.
- a. This permit does not obviate the need to obtain other Federal, state, or local authorizations required by law.
- b. This permit does not grant any property rights or exclusive privileges.
- c. This permit does not authorize any injury to the property or rights of others.
- d. This permit does not authorize interference with any existing or proposed Federal project.
- 3. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:
- a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.
- b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.
- c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.
- d. Design or construction deficiencies associated with the permitted work.
- e. Damage claims associated with any future modification, suspension, or revocation of this permit.

- 4. Reliance on Applicant's Data. The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.
- 5. Reevaluation of Permit Decision. This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:
- a. You fail to comply with the terms and conditions of this permit.
- b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (See 4 above).
- c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measure ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. Extensions. General condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give you favorable consideration to a request for an extension of this time limit.

Your signature below, as Permittee, indicates that you accept and agree to comply with the terms and conditions of this permit.

Salt Smill	6-20-13
Scott Quinnell	DATE
California Department of Transportation, District 8	
This permit becomes effective when the Federal off Army, has signed below.	ficial, designated to act for the Secretary of the
marholden	6-21-13
Mark D. Cohen	DATE
Deputy Chief, Regulatory Division	
When the structures or work authorized by this per property is transferred, the terms and conditions on new owner(s) of the property. To validate the transacciated with compliance with its terms and conditions of the property.	f this permit will continue to be binding on the sfer of this permit and the associated liabilitie
TRANSFEREE	DATE

### LOS ANGELES DISTRICT U.S. ARMY CORPS OF ENGINEERS

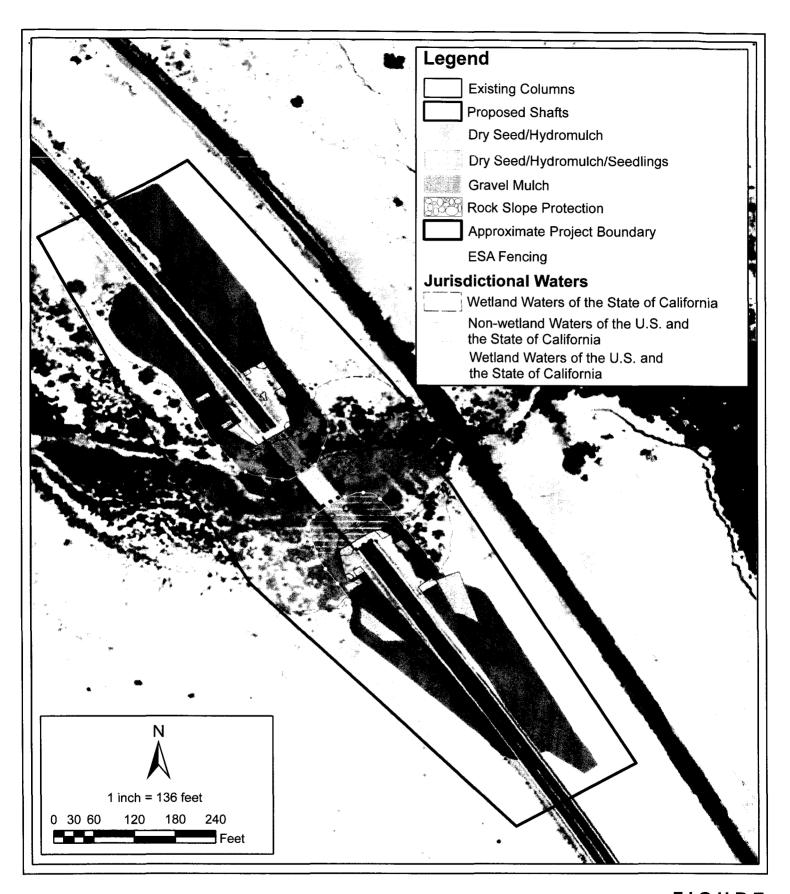
# NOTIFICATION OF COMMENCEMENT OF WORK FOR DEPARTMENT OF THE ARMY PERMIT

Permit Number:	SPL-2012-00528-V	CC							
Name of Permittee:	California Department of Transportation, District 8 (POC: Scott Quinnell)								
<b>Date of Issuance:</b>	June 20, 2013								
Date work in waters	of the U.S. will com	ımence:							
Estimated constructi							_		
Name & phone of co	•						_		
Corps of Engineers r permit suspension, n	nodification, or revoc	ou fail to composition.	oly wit	th this	permit yo	u may be subje	ct to		
Signature of Permitte	ee	- w/4 historyedd	- I	Date		··· ·· ·· ··	<del></del>		
At least ten (10 sign this certification	)) days prior to the o and return it using a				-		rmit,		
(1) E-MAIL Veronica.C.Chan@us OR		including	all	the	above	information	to:		
	rtification, after sigr	ning, to: 213-4	52-419	6					
	e following address:								
<b>、</b> ,	U.S. Army Corps of	of Engineers							
	Regulatory Divisio	_							
	ATTN: CESPL-RG		528-V(	CC					
	P.O. Box 532711								
	Los Angeles, CA 9	0017-3401							

### LOS ANGELES DISTRICT U.S. ARMY CORPS OF ENGINEERS

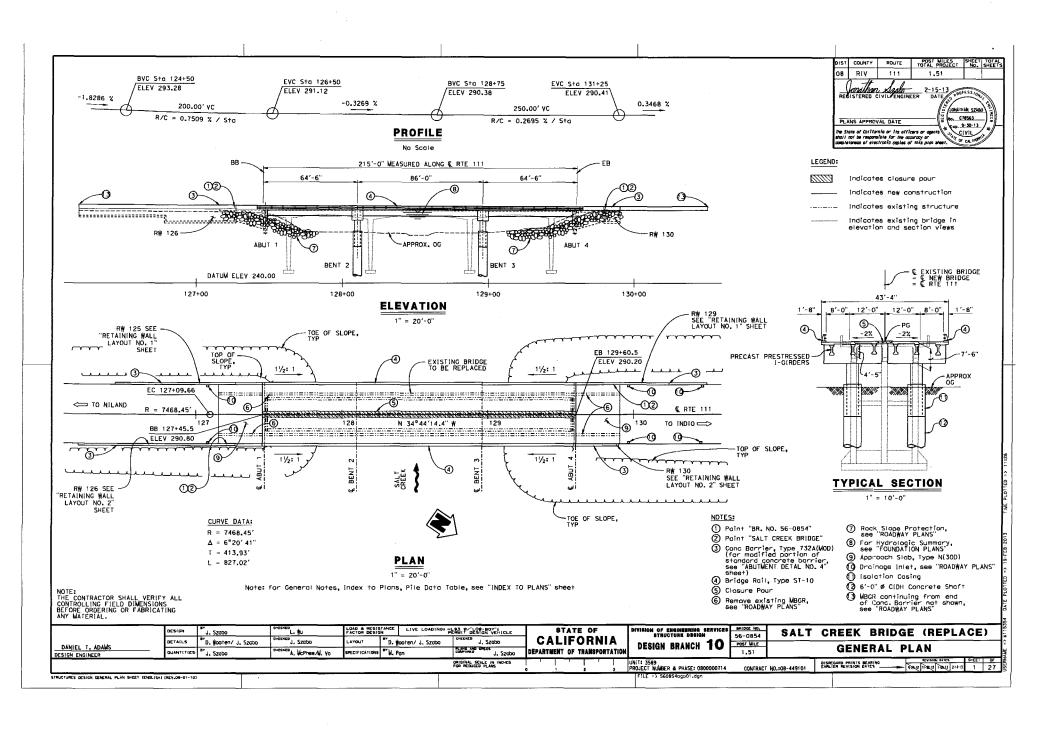
# NOTIFICATION OF COMPLETION OF WORK AND CERTIFICATION OF COMPLIANCE WITH DEPARTMENT OF THE ARMY PERMIT

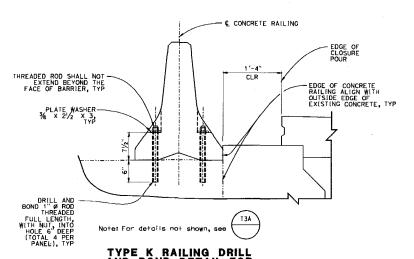
Permit Number:	SPL-2012-00528-VC	$\mathcal{C}$					
Name of Permittee:	California Departmen	t of Transport	ation, I	District	8 (POC: S	cott Quinnell)	
Date of Issuance:	June 20, 2013	• *					
Date work in waters	of the U.S. completed	d:					
Construction period	_						
Name & phone of co							_
Corps of Engineers r permit suspension, m	nt your permitted active presentative. If you nodification, or revoca	fail to comption.	oly wit	h this	permit yo	u may be subje	ct to
	fy that the work au nnce with the terms an	•				d permit has l	oeen
Signature of Permitte	ee	- In the latest	Ē	ate		A STATE OF THE STA	
<del>-</del>	on of the activity auth the following three (3)		nis peri	mit, sig	n this cer	tification and re	turn
(1) E-MAIL Veronica.C.Chan@us OR (2) FAX this ce		including		the	above	information	to:
OR							
(3) MAIL to the	e following address:						
	U.S. Army Corps of	U					
	Regulatory Divisior			_			
	ATTN: CESPL-RG-S	SPL-2012-003	528-VC	CC			
	P.O. Box 532711	045 0404					
	I as Angolas CA 90	1117-3/1111					



Proposed Work
Salt Creek Bridge
California Department of Transportation

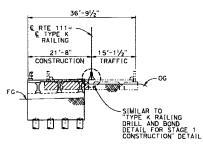
FIGURE





# TYPE K RAILING DRILL AND BOND DETAIL FOR STAGE 1 CONSTRUCTION

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



Note: Abutment 1 shown, Abutment 4 similar

### ABUTMENT 1 ELEVATION AT STAGE 1 CONSTRUCTION

## -CONSTRUCTION SIMILAR TO-TYPE K RAILING DRILL AND BOND DETAIL FOR STAGE 2 CONSTRUCTION DETAIL Note: Abutment 1 shown, Abutment 4 similar

### ABUTMENT 1 ELEVATION AT STAGE 2 CONSTRUCTION

43'-4"

26'-0"

CONSTRUCTION — PG

€ RTE 111-

TRAFFIC

E TYPE K

21 '-8"

4'-4"-

Note: Abutment Elevations shown facing BB, Bent Elevations shown facing EB

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

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REY. D9-01-10)



### BENT ELEVATION AT STAGE 1 CONSTRUCTION

1" = 10'-0"



LEGEND:

€ CONCRETE RAILING

Indicates bridge removal

Indicates closure pour

Indicates new construction

Indicates existing structure

For location and quantities of Type K Railing segments and quantities of drill and bond balts, see "ROAD#AY PLANS"

## TYPE K RAILING DRILL AND BOND DETAIL FOR STAGE 2 CONSTRUCTION

Note: for details not shown, see "TYPE K RAILING DRILL AND BOND DETAIL FOR STAGE 1 CONSTRUCTION"

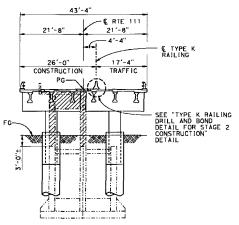
1-1/2" = 1'-0" 36'-91/2" C RTE 111 C TYPE K RAILING CONSTRUCTION SEE "TYPE K RAILING— DRILL AND BOND DETAIL FOR STAGE 1 CONSTRUCTION" DETAIL 

CLR

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EDGE OF CLOSURE POUR



### BENT ELEVATION AT STAGE 2 CONSTRUCTION

1" = 10'-0"

 DESIGN	J. Szobo	L. WU		DIVISION OF ENGINEERING SERVICES	56-0854 <b>SA</b>	LT CREEK BRIDGE (REPLACE)
DETAILS	D. #ooten/J. Szaba	J. Szobo	CALIFORNIA	DESIGN BRANCH 10	most king	
 QUANTITIES	Br J. Szaba	A. McPhee M. Yo	DEPARTMENT OF TRANSPORTATION	DESIGN BRANCH 10	1,51	AGE CONSTRUCTION DETAILS
		ORIGINAL SCALE IN INCHES FOR REDUCED PLANS		UNIT: 3589 PROJECT NUMBER & PHASE: 0800000714	CONTRACT NO.: 08-449	DISREGARD PRINTS BEARING PLUS THE SHEET OF THE PROPERTY OF THE

