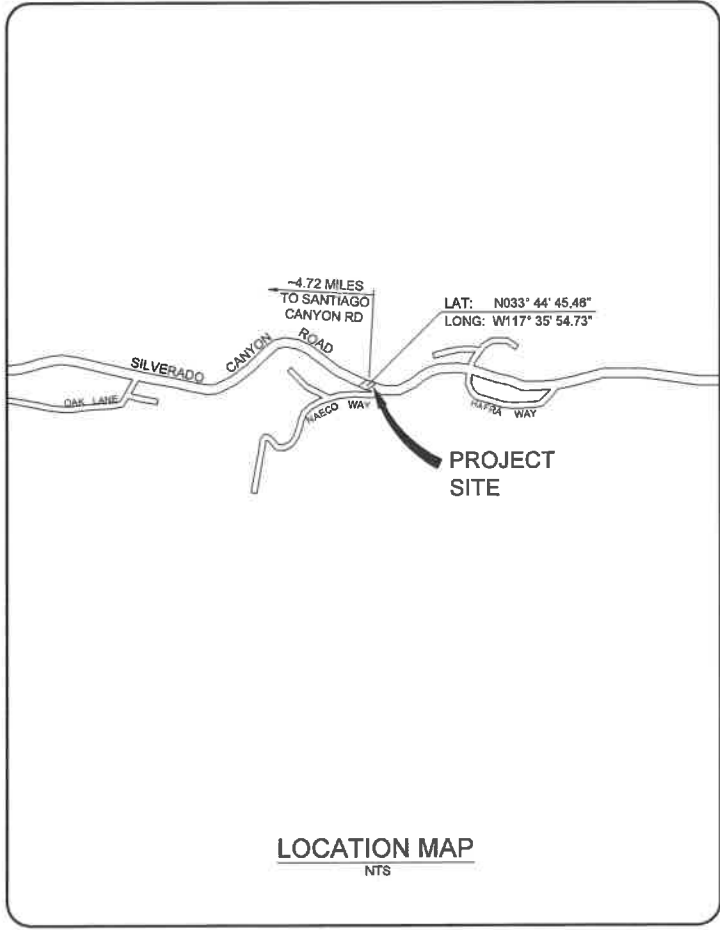
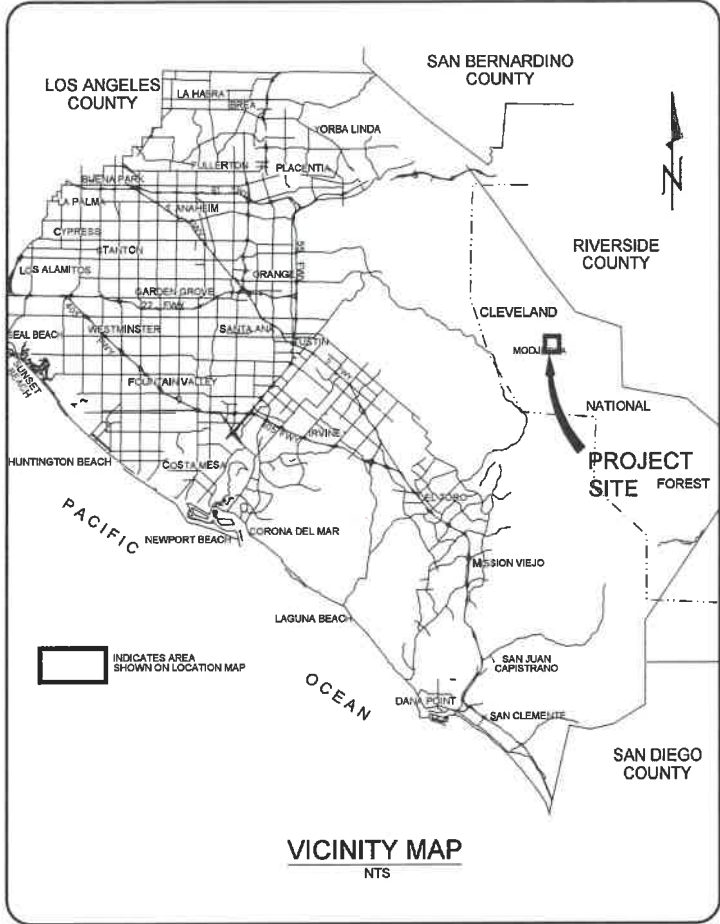




County of Orange



SANTA ANA, CALIFORNIA
SHANE L. SILSBY, DIRECTOR

PLANS FOR 2019 BRIDGE MAINTENANCE PROJECT SILVERADO CANYON ROAD OVER SILVERADO CANYON CREEK BRIDGE NO. 55C0178

FINAL SUBMITTAL

W.O. NO. ER20558

APRIL 10, 2019

FUNDED BY: SENATE BILL (SB-1)
POST-PROJECT OWNERSHIP AND MAINTENANCE RESPONSIBILITY: COUNTY OF ORANGE

2015 CALTRANS STANDARD PLANS

- A3A ABBREVIATIONS (SHEET 1 OF 3)
- A3B ABBREVIATIONS (SHEET 2 OF 3)
- A3C ABBREVIATIONS (SHEET 3 OF 3)

GENERAL NOTES

ALL NATIVE BIRDS ARE PROTECTED FROM DISTURBANCE WHILEST NESTING. AS FAR AS POSSIBLE, CONSTRUCTION ACTIVITIES SHOULD TAKE PLACE OUTSIDE OF THE BIRD NESTING SEASON (FEB 1ST THRU SEP 15TH). HOWEVER, IF OTHER RESTRICTIONS MAKE IT IMPOSSIBLE TO AVOID THE NESTING SEASON, THE REGULATORY PERMITTING TEAM AT OCPW MUST BE CONTACTED TO ARRANGE FOR PRE-CONSTRUCTION NESTING BIRD SURVEYS OF THE CONSTRUCTION AREAS. DISTURBANCE TO ANY ACTIVE NESTS MUST BE AVOIDED. CONSTRUCTION ACTIVITY WITHIN 300 FEET OF AN ACTIVE NEST (500 FEET FOR RAPTORS) SHOULD BE DELAYED UNTIL THE NEST IS NO LONGER ACTIVE, OR OTHERWISE APPROVED BY THE REGULATORY PERMITTING TEAM OR THEIR REPRESENTATIVE.

ANY CRACKS OR CREVICES, VOIDS OR HOLES IN BRIDGES, TREES, BUILDINGS OR OTHER STRUCTURES HAVE THE POTENTIAL TO SUPPORT ROOSTING BATS. THE REGULATORY PERMITTING TEAM MUST BE CONTACTED PRIOR TO THE START OF WORK TO CONDUCT A BAT SURVEY.

COUNTY OF ORANGE OC PUBLIC WORKS DEPARTMENT

SUBMITTED: Regina Hu 4/11/19
REGINA HU, P.E.
SENIOR CIVIL ENGINEER
OC INFRASTRUCTURE PROGRAMS
ENGINEERING DIVISION

RECOMMENDED: [Signature] 4/11/19
PAUL JEFFREY ERNST, P.E.
MANAGER
OC INFRASTRUCTURE PROGRAMS
ENGINEERING DIVISION

RECOMMENDED: [Signature] 4/11/19
NARBY KHAN, P.E.
DEPUTY DIRECTOR
OC INFRASTRUCTURE PROGRAMS

APPROVED: [Signature] 4/11/19
KHALID BAZMI, P.E.
ASSISTANT PUBLIC WORKS DIRECTOR
COUNTY ENGINEER

RECORD DRAWING

CONTRACTOR: _____

RESIDENT ENGINEER: _____

INSPECTOR: _____

CONSTRUCTION START DATE: _____

CONSTRUCTION COMPLETION DATE: _____

PREPARED BY

PREPARED UNDER RESPONSIBLE CHARGE OF:

[Signature] 4/11/19
OMAR JARADAT, P.E.
MOFFATT & NICHOL

4225 E. CONANT ST.
LONG BEACH, CALIFORNIA 90808
TEL. 562 426-9551
FAX 562 424-7489

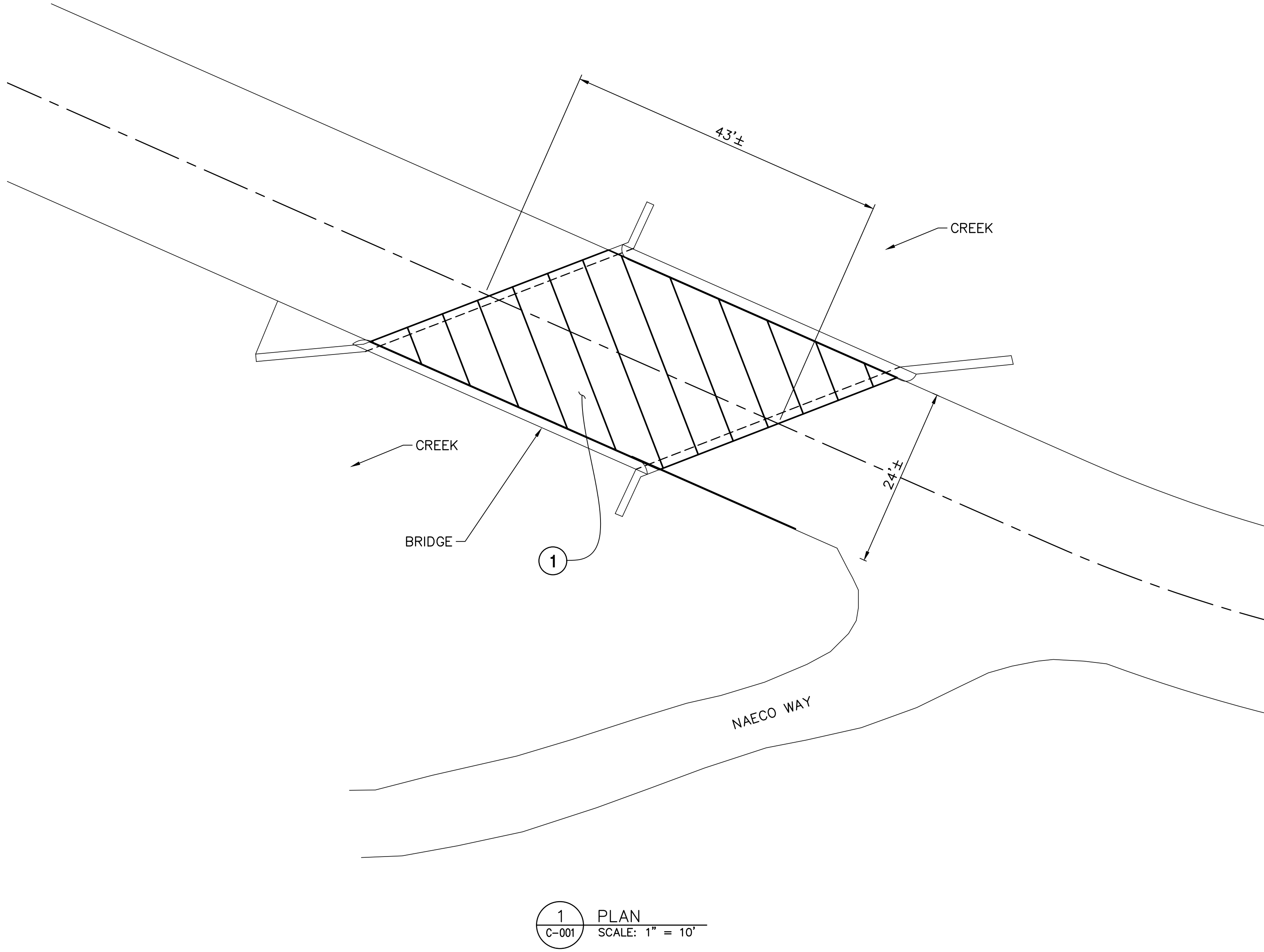
REGISTERED PROFESSIONAL ENGINEER
No. CE 90242
CIVIL
STATE OF CALIFORNIA

INDEX OF SHEETS		
SHEET	REF	DESCRIPTION
1	G-001	55C0178 TITLE SHEET
2	C-001	55C0178 SITE PLAN

UTILITY OWNER	CONTACT	PHONE NO.
CHARTER COMMUNICATIONS	DON SIMONS	(714) 591-4871
AT&T DISTRIBUTION	SUSAN BLACKBURN	(714) 507-3526
SOUTHERN CALIFORNIA GAS DISTRIBUTION	HAU TSAN	(213) 231-7132
CITY OF GARDEN GROVE PUBLIC WORKS	ALECIA HOFER	(714) 741-5887
SCG TRANSMISSION	MIKE CAMPISI	(213) 231-6081
SCE	JUST ARTINO	(714) 973-5488

NO.	DESCRIPTION	SHT.	APPROVED	DATE
REVISIONS				

File: Q:\LB\10065-03 to -11\10065-07\CADD\Active_SheetSet\1006507_C-001; Plotted: 4/8/2019 1:06 PM by CARSON, STEVE; Saved: 4/8/2019 12:07 PM by SCARSON, STEVE



KEY NOTES

- 1 TREAT BRIDGE DECK USING METHACRYLATE AND STRIPE.

GENERAL NOTES

- THE CONTRACTOR SHALL PROVIDE A TRAFFIC CONTROL PLAN COMPLYING WITH CURRENT MUTCD REQUIREMENTS AND SIGNED BY A CIVIL ENGINEER REGISTERED IN THE STATE OF CALIFORNIA.
- CONSTRUCTION SHALL BE DONE IN A MINIMUM OF TWO PHASES TO ALLOW FOR TRAFFIC DURING CONSTRUCTION.
- THE CONTRACTOR SHALL ADD MESSAGE BOARDS TWO WEEKS PRIOR TO THE START OF WORK FOR INFORMATIONAL USE AND PUBLIC OUTREACH.
- THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIALS.
- PROVIDE TWO PORTABLE CHANGEABLE MESSAGE SIGNS FOR TRAFFIC CONTROL, ONE FOR EASTBOUND TRAFFIC AND THE OTHER FOR WESTBOUND TRAFFIC.
- DUST CONTROL SHALL COMPLY WITH JOB ORDER CONTRACT SPECIAL PROVISION SECTION F-5.
- PROTECT EXISTING FACILITIES PER JOB ORDER CONTRACT SPECIAL PROVISION SECTION F-7.
- EXISTING UTILITIES SHALL COMPLY WITH JOB ORDER CONTRACT SPECIAL PROVISION SECTION F-9.
- EXCEPT WHERE INDICATED OTHERWISE, PROTECT IN PLACE ALL UTILITIES, FACILITIES, AND IMPROVEMENTS.
- ONCE DECK TREATMENT HAS FULLY CURED, STRIPE DECK TO MATCH ALL EXISTING STRIPING SIZE, COLOR, WORDING AND SYMBOLS.

QUANTITIES

ITEM

QUANTITY

- | | | |
|---|-----------------------|-------------|
| 1 | BRIDGE DECK TREATMENT | 1,130 SQ FT |
| 1 | STRIPING | 180 LF |



MARK	DESCRIPTION	DATE	APPR.

PREPARED UNDER THE RESPONSIBLE CHARGE OF:

moffatt & nichol
4225 E. CONANT ST.
LONG BEACH, CALIFORNIA 90808
TEL. 562.426.9551
FAX 562.424.7469

REGISTERED PROFESSIONAL ENGINEER
CIVIL
No. 0E 8024
DATE OF EXPIRATION
4/1/2019

OWNER: JAMES T. E.
MOFFATT & NICHOL

DESIGNED BY:

RA	CHECKED BY:
DRAWN BY:	OL
SC	

DRAWING NO.: C-001
FILE NAME: 1006507_C-001.dwg
PLOT DATE: ---

SCALE: AS SHOWN

County of Orange
PublicWorks

PREPARED BY:

moffatt & nichol
4225 E. CONANT ST.
LONG BEACH, CALIFORNIA 90808
TEL. 562.426.9551
FAX 562.424.7469

2019 BRIDGE
MAINTENANCE PROJECT

BRIDGE No.
55C0178

SITE PLAN

SHEET

C-001

INDEX 2 OF 2