MARIE REGISTRESS INDICATES AREA SHOWN ON LOGATION MAP T.G. 800-G5, 832-E2, 922-F4

ORANGE COUNTY PUBLIC WORKS

SANTA ANA, CALIFORNIA

JESS A. CARBAJAL, DIRECTOR

PLANS FOR CONSTRUCTION OF

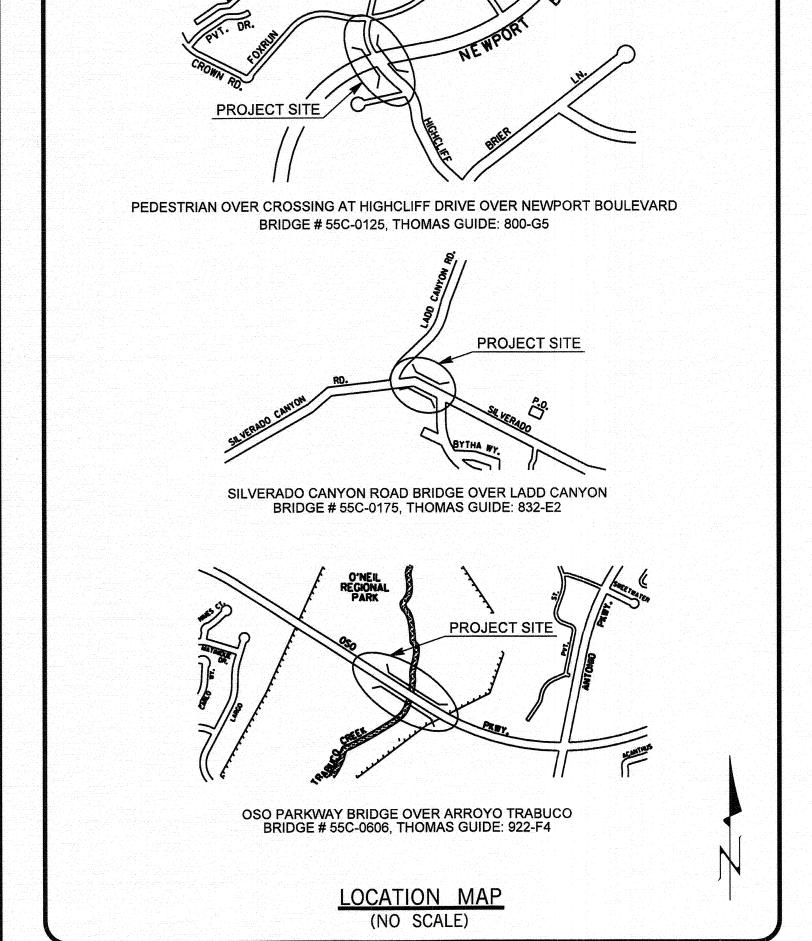
MAINTENANCE OF VARIOUS BRIDGES IN ORANGE COUNTY

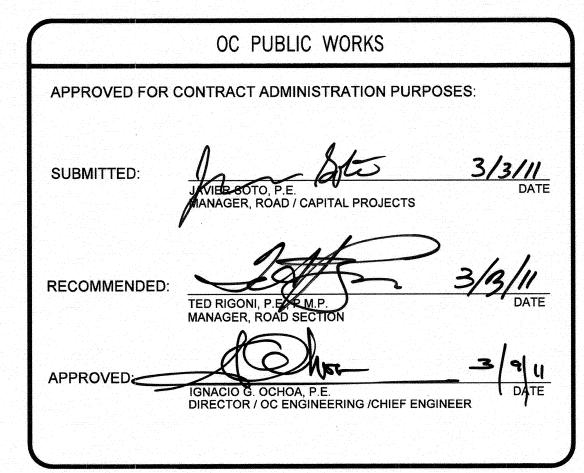
PHASE 1 - PROJECT No. 1, SANTIAGO CANYON AREA

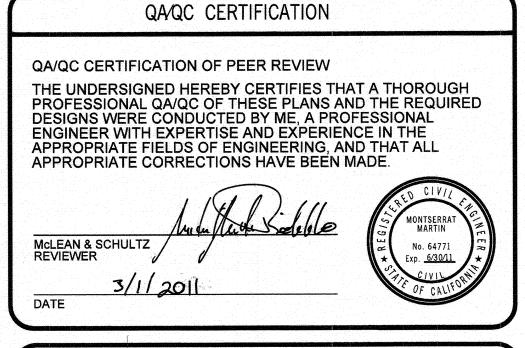
Resident Engineer: Hamid Abedzadeh
Inspector: Bob Stanfield
Contractor: West Coast Structures, Inc.
Date of Completion: July 25, 2011

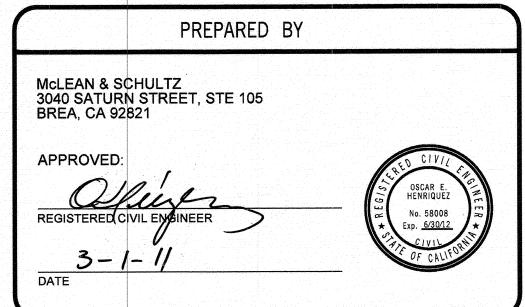
W.O. NO. ER20260 APRIL 2011

FUNDED AND MAINTAINED BY: COUNTY OF ORANGE









NO AS BUILT CHANGES

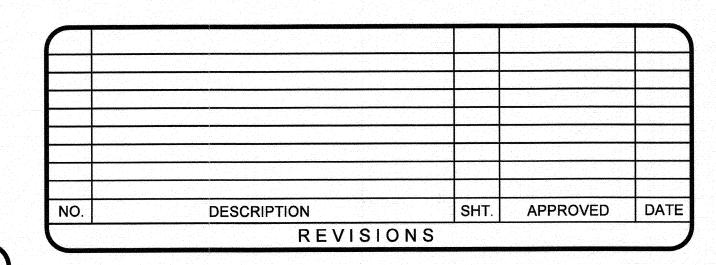
UNDERGROUND SERVICE ALERT

CALL 1-800-422-4133 TWO (2)
WORKING DAYS PRIOR TO EXCAVATION

INDEX OF SHEETS

	TITLE SHEET	
2	BR. 55C-0125	GENERAL PLAN
3	BR. 55C-0125	MISCELLANEOUS DETAILS
4	BR. 55C-0175	GENERAL PLAN
5	BR. 55C-0175	MISCELLANEOUS DETAILS
6	BR. 55C-0606	GENERAL PLAN
7	BR. 55C-0606	MISCELLANEOUS DETAILS

UTILITY OWNER	CONTACT	PHONE NO.
AT&T	CRAIG AKIN ERNEST ESTACIO VIC PEREZ	714-237-6019 714-575-8452 714-666-5696
COX	REY CASTRO	949–546–2466
EAST ORANGE COUNTY WATER DISTRICT	JERRY MENDZER	714–538–5815
ORANGE COUNTY SANITIATION DISTRICT	LYNN ELLIOTT	714–962–2411
SOUTHERN CALIFORNIA EDISON	KIM GURULE	714–796–9932
THE GAS COMPANY	BOB TRENTON GEORGE RICE	714–634–3121 714–634–3118
UNDERGROUND SERVICE ALERT	FRED ADJARIAN	800–422–4133



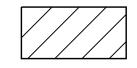
SHEET 1 OF

LEGEND

Indicates existing.

Indicates direction of traffic.

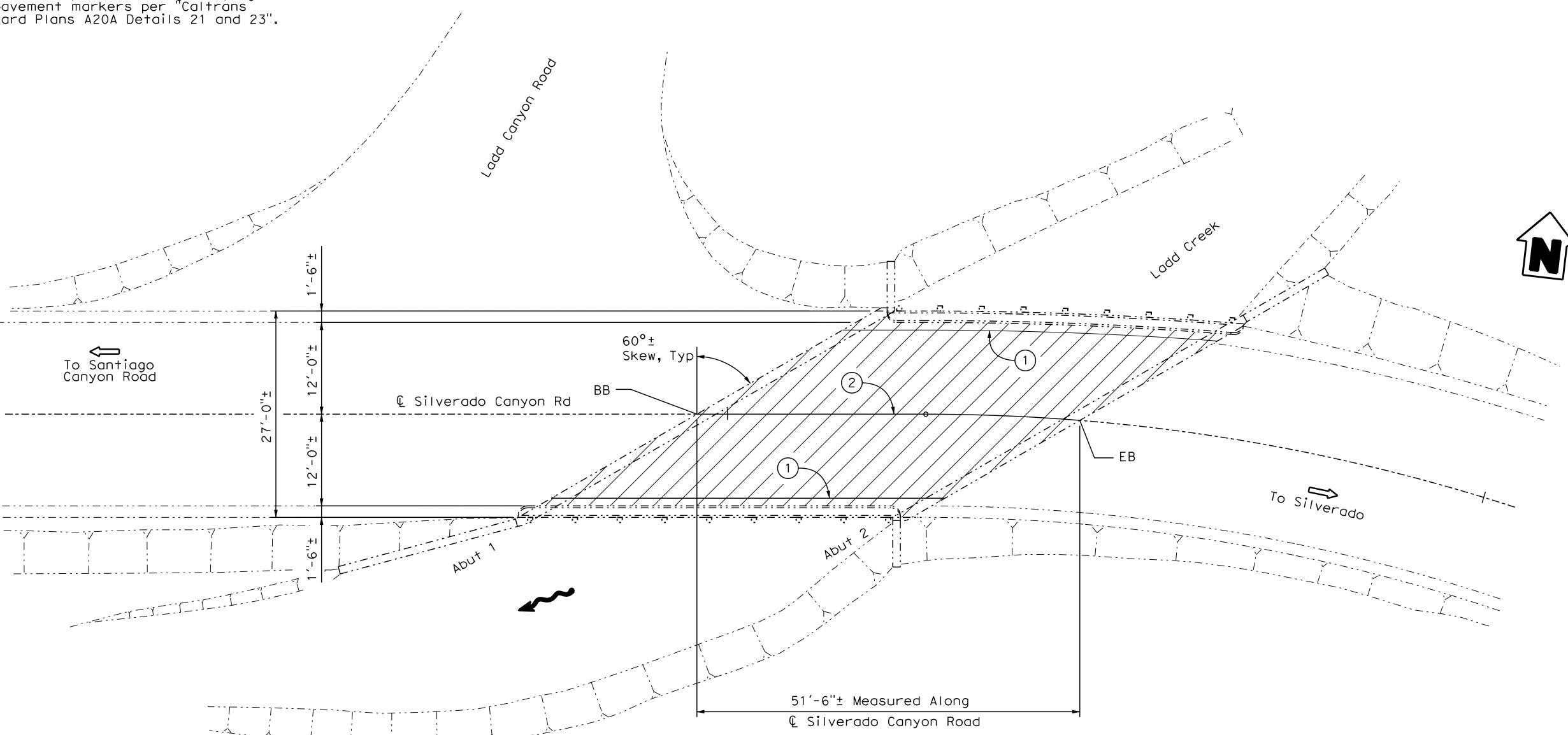
Indicates direction of flow.



Indicates limits of clean and treat bridge deck with high molecular weight methacrylate.

Remove and replace existing striping and pavement markers per "Caltrans Standard Plan A20B Detail 27B".

Remove and replace existing striping and pavement markers per "Caltrans Standard Plans A20A Details 21 and 23".



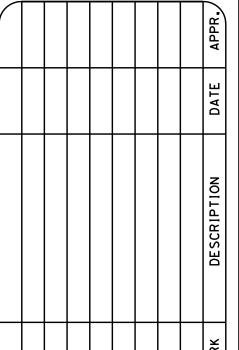
PLAN

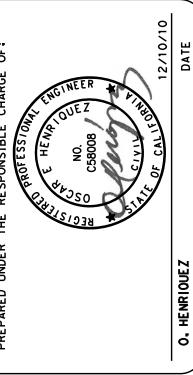
1/8"=1'-0"

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

NO AS BUILT CHANGES





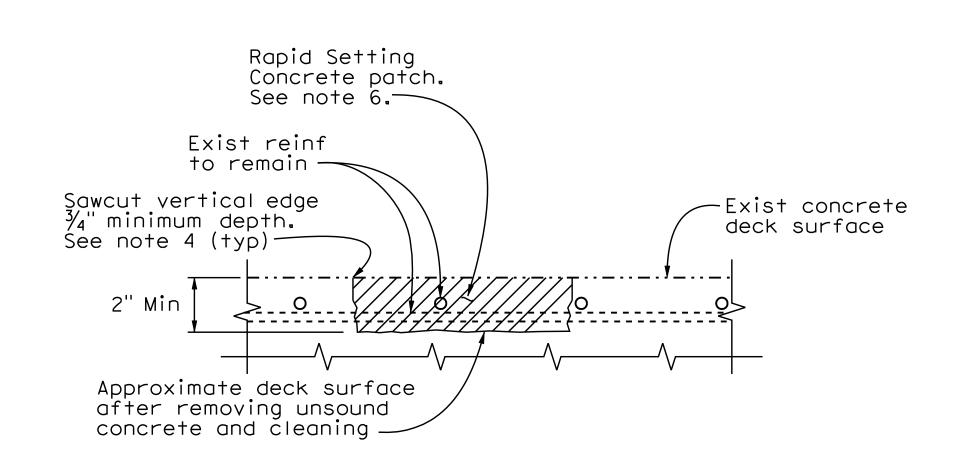


SHEET REFERENCE NUMBER

GENERAL PLAN

Sheet 4 of 7 SHEET 1 OF 2

	DI	ECK R	EPAIR TA	ABLE		
BRIDGE NAME	BRIDGE NUMBER	TOTAL DECK AREA (SQ FT)	APPROXIMATE AREA DAMAGED (%)	APPROXIMATE DEPTH (INCHES)	REMOVE UNSOUND CONCRETE (CF)	RAPID SETTING CONCRETE PATCH (CF)
Silverado Canyon Road Over Ladd Creek Bridge	55C-0175	1,236	5	2	1 1	1 1



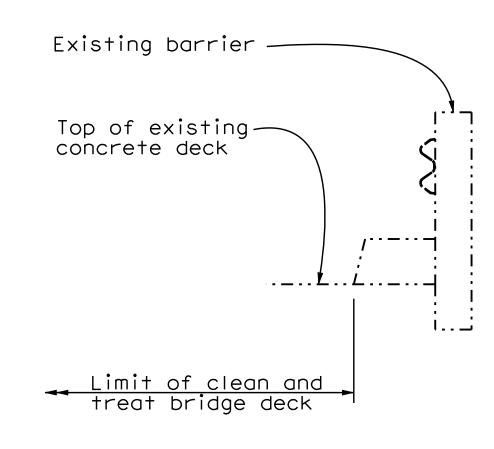
DECK DAMAGE REPAIR DETAIL

NO SCALE

Location will be determined by the Engineer. Reinforcement may be encountered during deck concrete removal and is to remain undamaged.

DECK REPAIR NOTES:

- Existing reinforcement shall be protected in place during unsound concrete removal and patching operations.
- It is responsibility of the Contractor to repair any reinforcement that is accidentally cut by saw cutting operations.
- 3. When existing transverse reinforcement is exposed in the deck surface, saw cutting shall be waived with the approval of the Engineer.
- I. The sawcut depth shall not exceed $\frac{3}{4}$ " or the concrete cover over the top steel reinforcing bars, whichever is less.
- Remove unsound Portland Cement concrete and unsound concrete patches to expose sound, hard concrete substrate. Replace original deck surface with rapid setting concrete patch.
- Rapid setting concrete repairs shall conform to the sections entitled "Patches," "General Provisions Applicable to All Patches," and "Rapid Setting Concrete Patches in Deck Surfaces" of the special provisions.

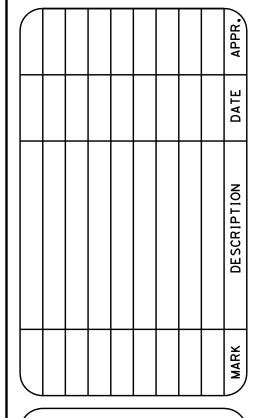


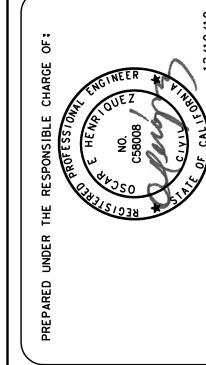
BARRIER

TYPICAL LIMITS OF DECK WORK

NO SCALE







	ביים מיירם	
ORANGE COUNTY	O. HENRIOUEZ	OUEZ
PLIBLIC WORKS	DRAWN BY:	CHECKED BY:
	HV / RE	M. MARTIN
	DRAWING CODE:	
PREPARED BY:		
MCLEAN & SCHULTZ	FILE NAME:	
3040 Saturn Street, Ste 105		
Brea, CA 92821	PLOT DATE:	SCALE:

NTENANCE OF VARIOUS
GES IN ORANGE COUNTY
NTIAGO CANYON AREA
BRIDGES - PHASE I
LVERADO CANYON
ROAD OVER

MISCELLANEOUS

DETAILS

Sheet 5 of 7

SHEET 2 OF 2

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