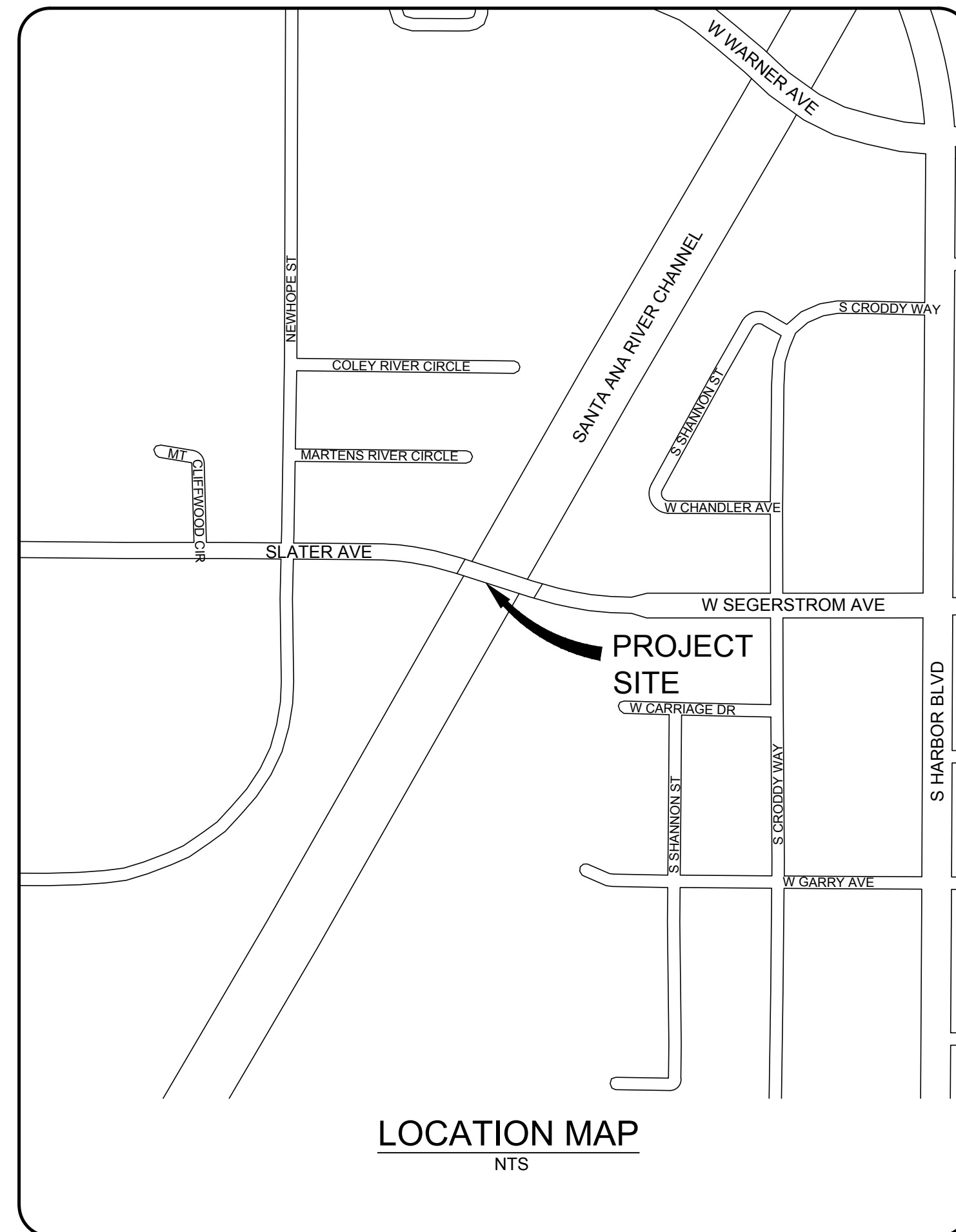
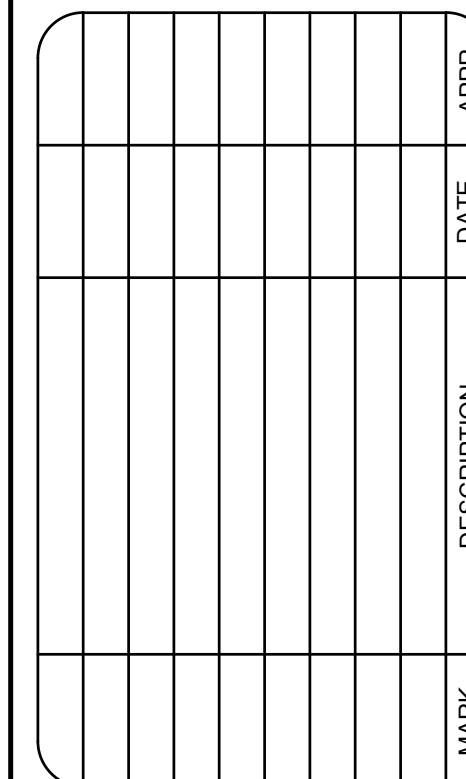






- 1 REMOVE EXISTING AND CONSTRUCT MODIFIED TYPE II CONCRETE BARRIER.
- 2 REPLACE UNEVEN SIDEWALK.
- 3 REPLACE DAMAGED JOINT SEAL.
- 4 REPAIR BROKEN CURB.

1. 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.



DESIGNED BY:	RA	CHECKED BY:	
	DRAWN BY:	SCALE:	
PREPARED BY:	SC	DRAWING NO.:	
		C-001	
 moffatt & nichol 3780 KILBOY AIRPORT WAY SUITE 600 LONG BEACH, CALIFORNIA 90806 TEL 562 426-5651	FIRM NAME:		938906_0371-C-001.dwg
	PLOT DATE:		SCALE:

2018 BRIDGE
MAINTENANCE PROJECT
SANTA ANA RIVER CHANNEL
BRIDGE No. **55C0371**
SITE PLAN

SHEET

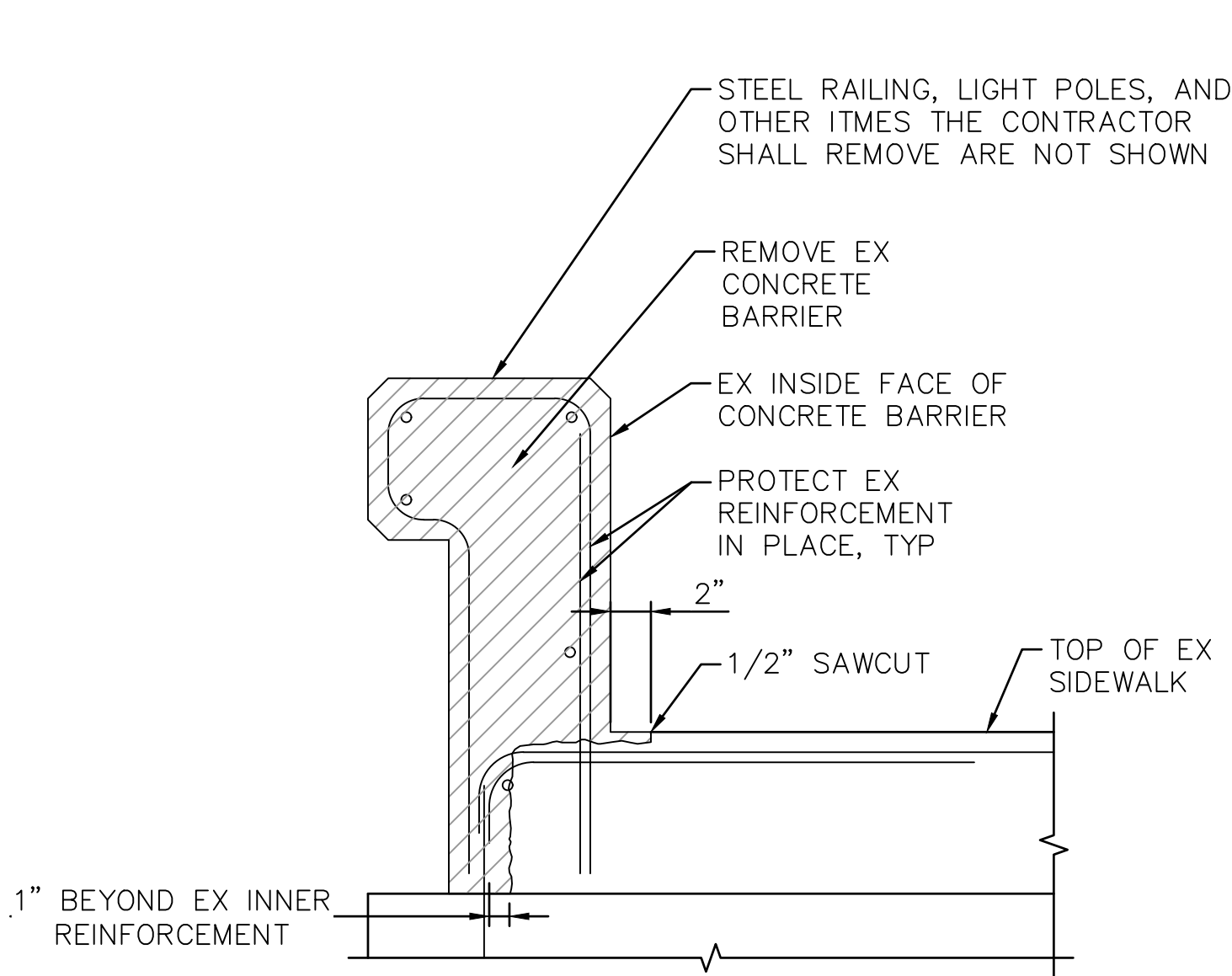
C-001

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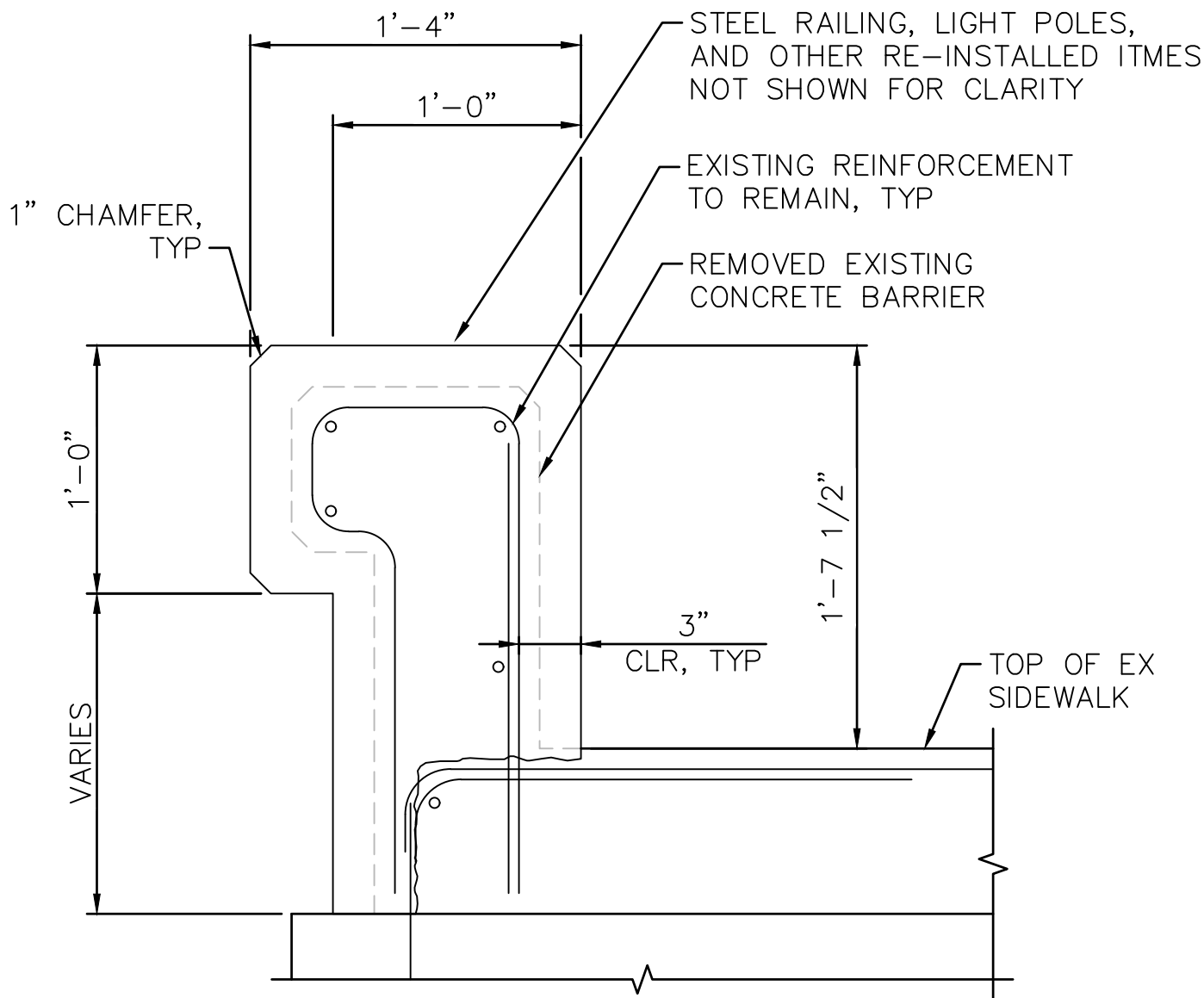


DAMAGED SIDEWALK
SCALE: NONE



REMOVAL

A BARRIER REPAIR DETAIL
C-001 SCALE: 1 1/2" = 1'-0"



RECONSTRUCTION

SIDEWALK REPAIR NOTES

1. REMOVE AND REPLACE THE SIDEWALK PER SPECIFICATION AND OC PUBLIC WORKS STANDARD PLAN 1205. RELATIVE COMPACTION OF NOT LESS THAN 90% SHALL BE OBTAINED FOR THE BASE MATERIAL BEFORE PLACING CONCRETE.

BARRIER REPAIR NOTES

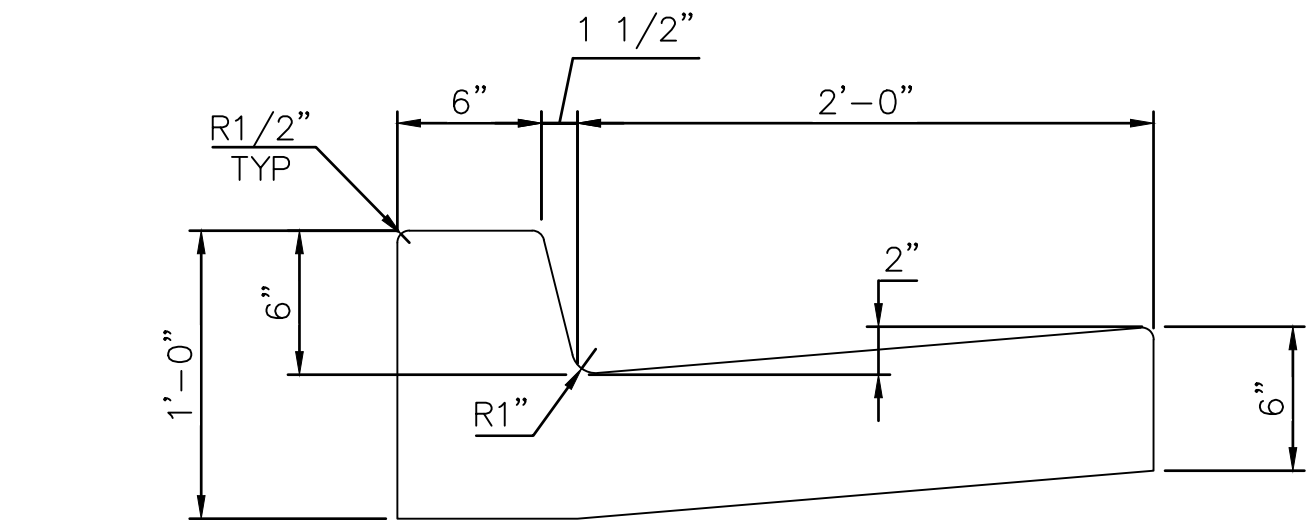
1. FOR DETAILS NOT SHOWN REFER TO "PLANS FOR THE WIDENING OF SLATER-SEGERSTROM BRIDGE SA-31A" MARKED "AS BUILT" AND DATED 7/83.
2. PROTECT EXISTING REINFORCING IN PLACE AS NOTED.
3. THE CONTRACTOR SHALL REMOVE, PROTECT, AND REUSE EXISTING STEEL RAILING, LIGHT POLES, AND ALL SUPPORTING ELEMENTS (EXCEPT CONCRETE BARRIER) DURING DEMOLITION OF EXISTING AND CONSTRUCTION OF NEW BARRIER.
4. THE CONTRACTOR SHALL NOT ALLOW DEMOLITION/CONSTRUCTION DEBRIS TO FALL INTO THE SANTA ANA RIVER CHANNEL.
5. CONSTRUCTION OF NEW BARRIER SHALL COMPLY WITH 2015 CALTRANS STANDARD SPECIFICATION SECTION 83.

JOINT SEALANT NOTES

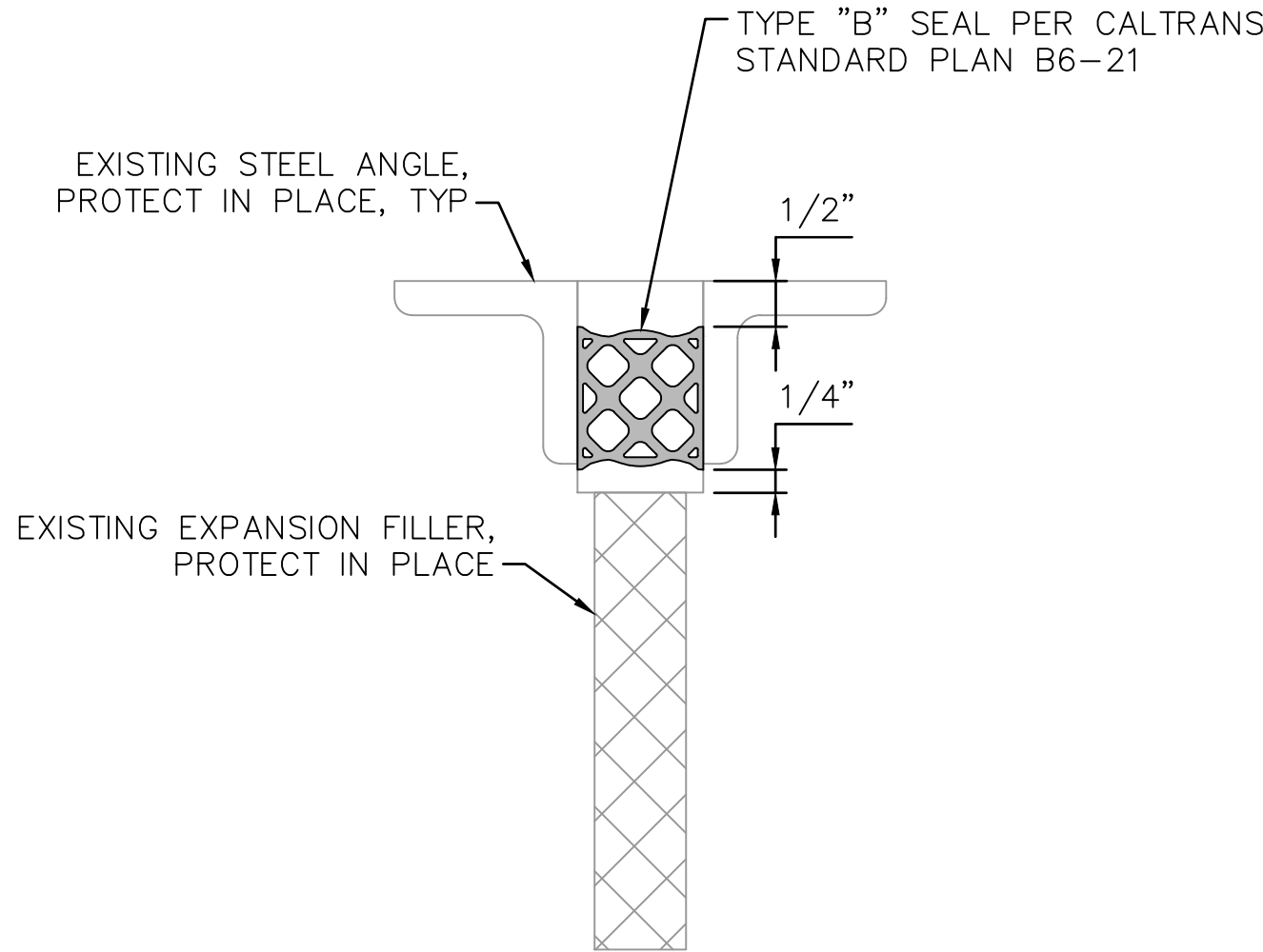
1. INSTALL SEALANT PER MANUFACTURERS INSTRUCTIONS.

CURB REPLACEMENT NOTES

1. SAW CUT AND REMOVE THE EXISTING CURB AND GUTTER 6" FROM THE CRACK LOCATION.
2. THE CONTRACTOR SHALL CONFIRM NEW CURB AND GUTTER DIMENSIONS MATCH EXISTING CURB AND GUTTER PRIOR TO START OF CONSTRUCTION. THE CONTRACTOR SHALL INFORM THE ENGINEER IF DIMENSIONS VARY FROM WHAT IS SHOWN ON THESE DRAWINGS.
3. THE CONTRACTOR SHALL FOLLOW CALTRANS STANDARD SPECIFICATION SECTION 73 FOR CONSTRUCTION OF THE NEW CURB AND GUTTER.
4. CONSTRUCT SEALED EXPANSION JOINT AT EACH END OF THE NEW CURB AND GUTTER.

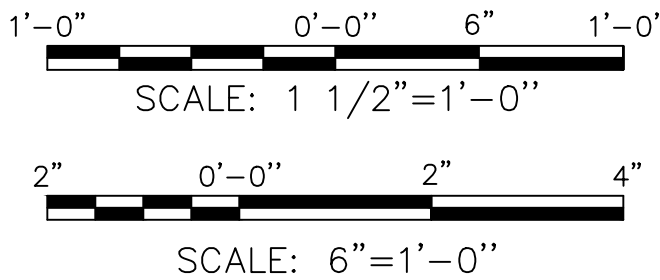


C CURB DETAIL
C-001 SCALE: 1 1/2" = 1'-0"



B EXPANSION JOINT DETAIL
C-001 SCALE: 6" = 1'-0"

JOINT INFORMATION		
LOCATION	MOVEMENT RATING (MR)	SKEW
ABUT. 1	1"	13° 10' 22"±



QUANTITIES

ITEM	QUANTITY
CONCRETE BARRIER REPLACEMENT	656 LF
REMOVE, SALVAGE, AND REINSTALLATION OF STEEL RAILING, LIGHT POLES, AND OTHER ITEMS ATTACHED TO CONCRETE BARRIER	656 LF
SIDEWALK REPLACEMENT	31 LF
EXPANSION JOINT REPLACEMENT	36 LF
CONCRETE CURB REPLACEMENT	3 LF



MARK	DESCRIPTION	DATE	APPR.

PREPARED UNDER THE RESPONSIBLE CHARGE OF:

moffatt & nichol
3780 KILROY AIRPORT WAY, SUITE 800
LONG BEACH, CALIFORNIA 90806
TEL 562 426-9551 FAX 562 424-7489

DATE: 4/24/18

CHARTERED PROFESSIONAL ENGINEER
No. CE 8088
CALIFORNIA
CIVIL ENGINEERING

OWNER: AIRPORT D.E., MOFFATT & NICHOL

DESIGNED BY: BA
DRAWN BY: SC
CHECKED BY: SX

County of Orange
Public Works

PREPARED BY: **moffatt & nichol**
3780 KILROY AIRPORT WAY, SUITE 800
LONG BEACH, CALIFORNIA 90806
TEL 562 426-9551 FAX 562 424-7489

DRAWING NO.: C-002
FILE NAME: 938906_0371-C-002.dwg
PLOT DATE: ---
SCALE: AS SHOWN

2018 BRIDGE
MAINTENANCE PROJECT
SANTA ANA RIVER CHANNEL
BRIDGE No. 55C0371
DETAILS

SHEET

C-002

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