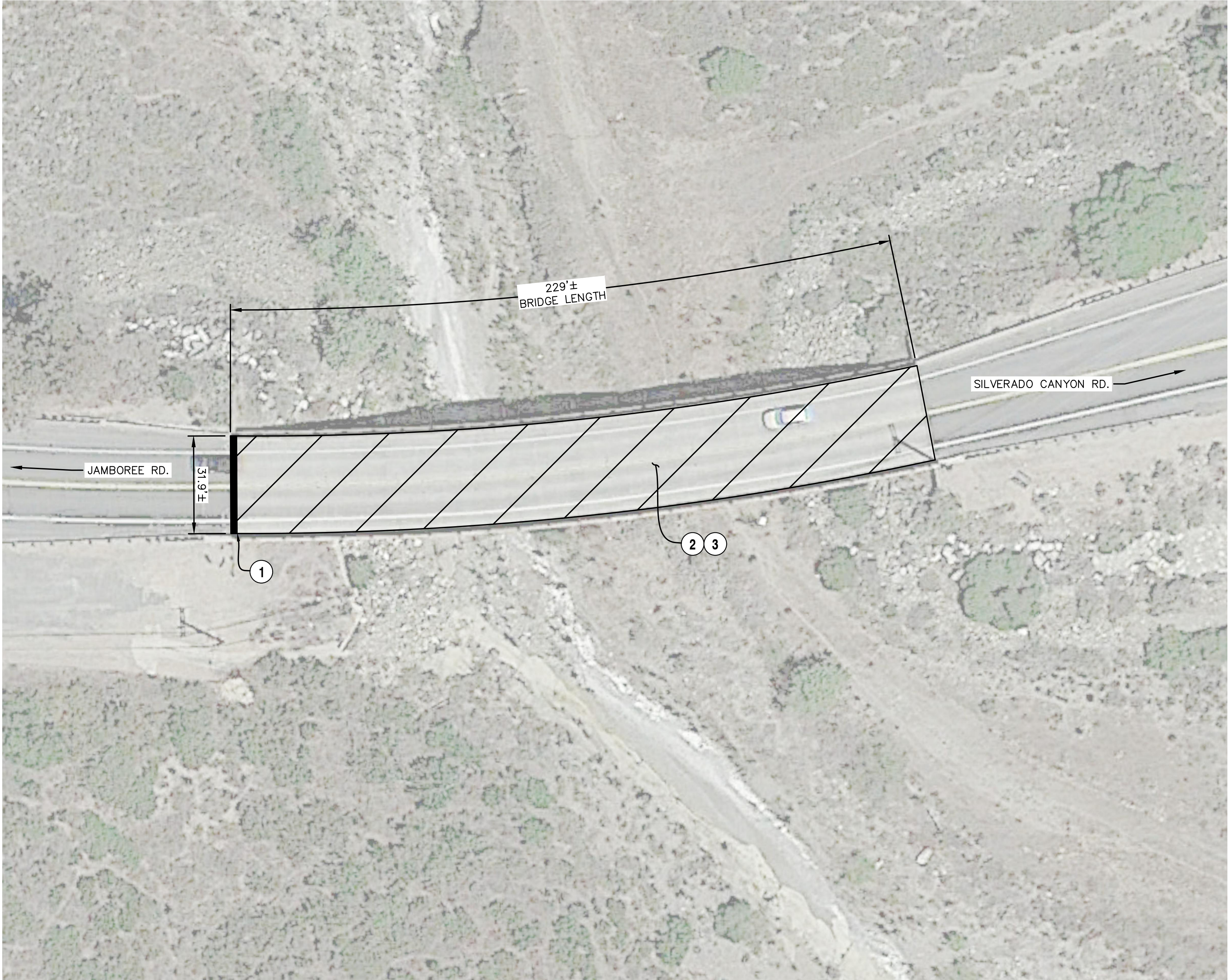


File: Q:\LB\10065-03 to -11\10065-09\CADD\Active\SheetSet\1006509_C-001; Plotted: 4/8/2019 1:08 PM by CARSON, STEVE; Saved: 4/8/2019 12:56 PM by SCARSON



KEY NOTES

- 1

REMOVE EXISTING JOINT SEAL IN ITS ENTIRETY, FURNISH AND INSTALL NEW JOINT SEAL.
- 2

REPAIR SPALLED SURFACE AREA PER CALTRANS STANDARD SPECIFICATIONS 60-3.
- 3

TREAT BRIDGE DECK WITH METHACRYLATE AND STRIPE.

GENERAL NOTES

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



MARK	DESCRIPTION	DATE	APPR.

PREPARED UNDER THE RESPONSIBLE CHARGE OF:

REGISTERED PROFESSIONAL ENGINEER

4225 E. CONANT ST.
LONG BEACH, CALIFORNIA 90808
TEL. 562.426.4951
FAX 562.424.7489

MOFFATT & NICHOL

4225 E. CONANT ST.
LONG BEACH, CALIFORNIA 90808
TEL. 562.426.4951
FAX 562.424.7489

DATE

4/11/2019

CHARTERED CIVIL ENGINEER

4225 E. CONANT ST.
LONG BEACH, CALIFORNIA 90808
TEL. 562.426.4951
FAX 562.424.7489

DESIGNED BY:

BA

CHECKED BY:

SC

DRAWN BY:

SC

DRAWING NO.:

1006509_C-001.dwg

FILE NAME:

C-001

PLOT DATE:

SCALE:

AS SHOWN

County of Orange

PublicWorks

PREPARED BY:

MOFFATT & NICHOL

4225 E. CONANT ST.
LONG BEACH, CALIFORNIA 90808
TEL. 562.426.4951
FAX 562.424.7489

2019 BRIDGE MAINTENANCE PROJECT

BRIDGE No.

55C0038

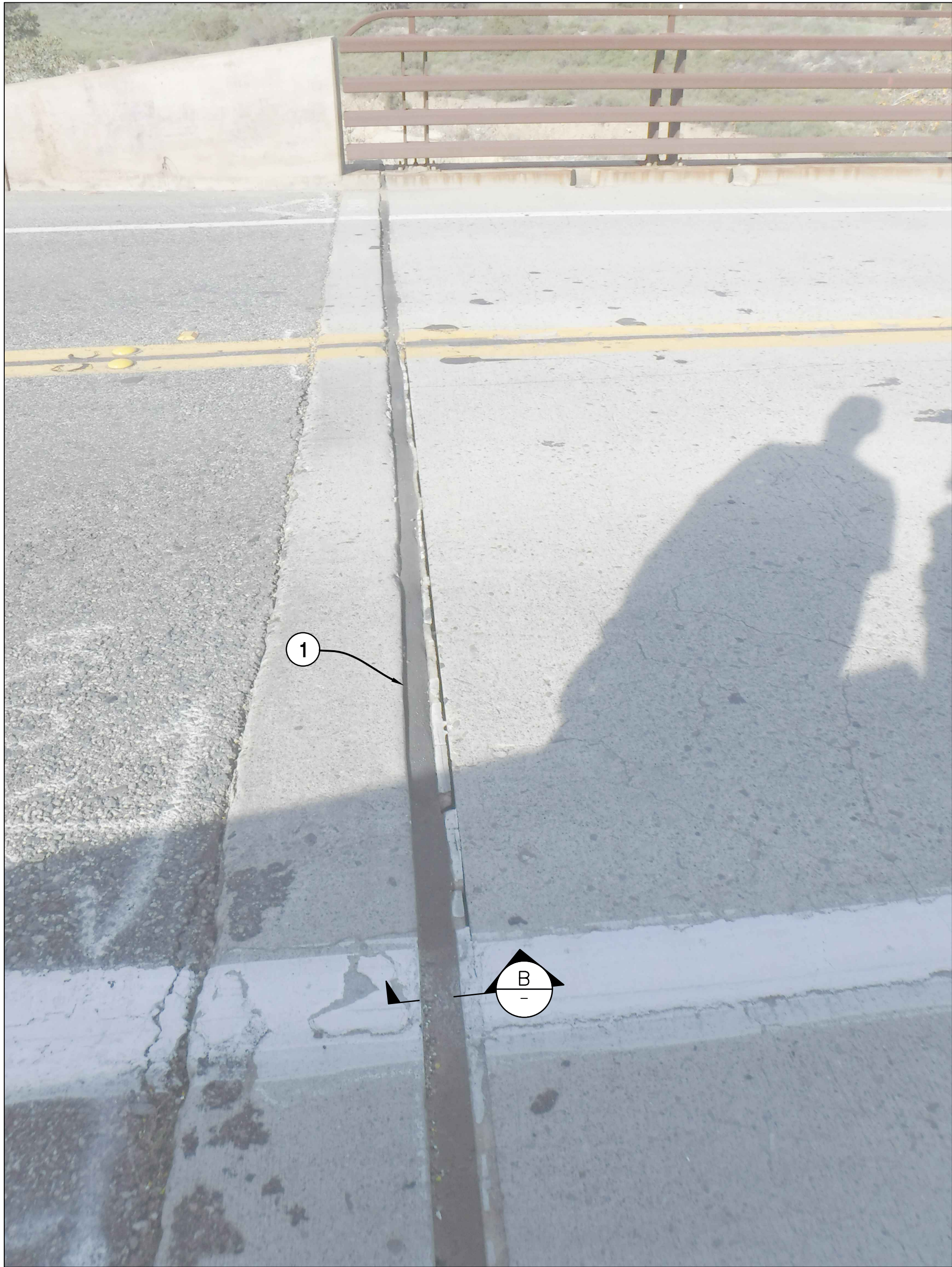
SITE PLAN

SHEET

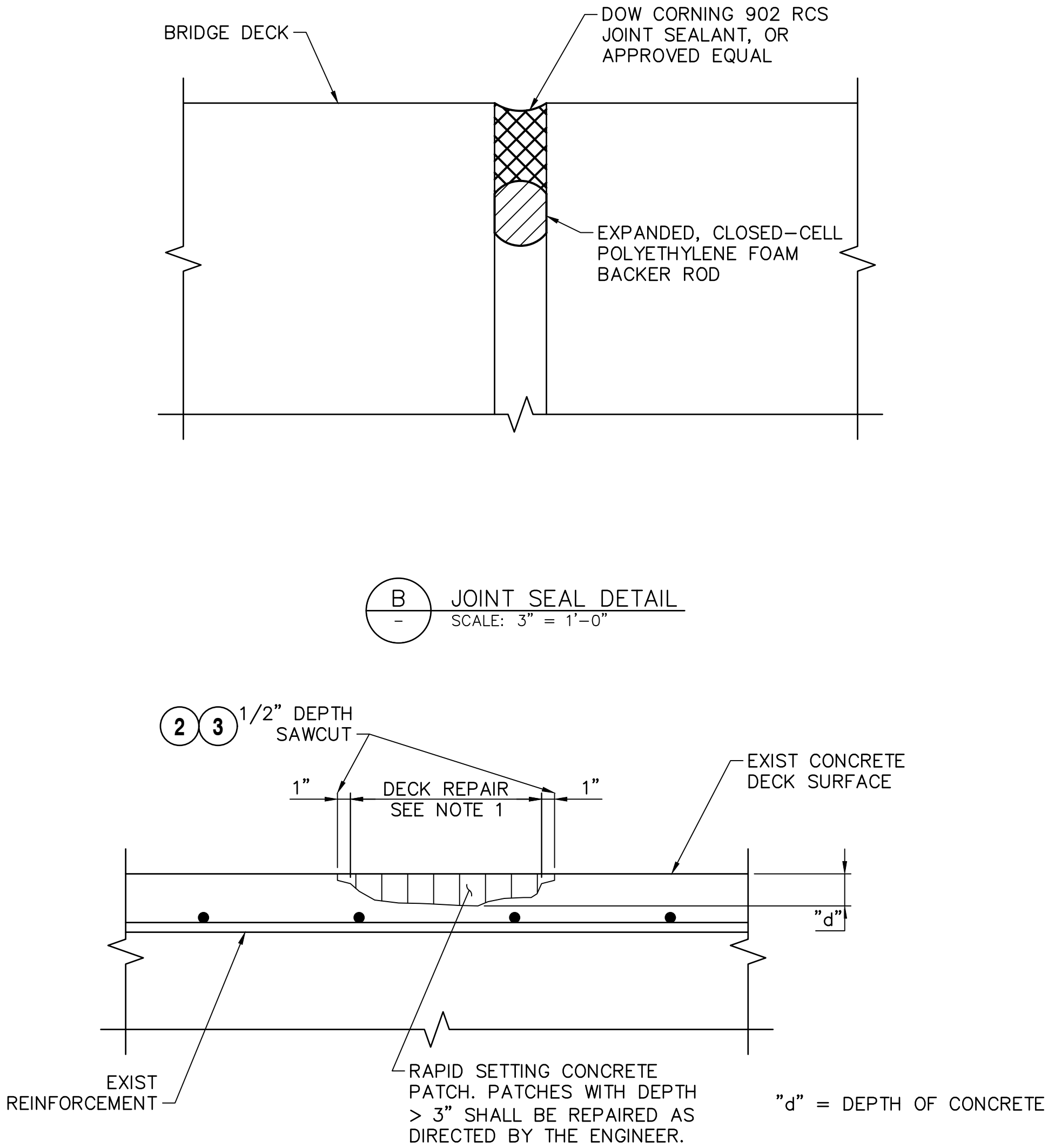
C-001

INDEX 2 OF 3

File: Q:\LB\10065-03 to -11\10065-09\CADD\Active_SheetSet\1006509_C-002; Plotted: 4/8/2019 1:08 PM by CARSON, STEVE; Saved: 4/8/2019 12:57 PM by SCARSON



A VIEW OF DAMAGED JOINT SEAL
C-001 SCALE: NONE



KEY NOTES

- 1 REMOVE EXISTING JOINT SEAL IN ITS ENTIRETY, FURNISH AND INSTALL NEW JOINT SEAL.
- 2 REPAIR SPALLED SURFACE AREA PER CALTRANS STANDARD SPECIFICATIONS 60-3.
- 3 TREAT BRIDGE DECK WITH METHACRYLATE AND STRIPE.

JOINT INFORMATION		
LOCATION	MOVEMENT RATING (MR)	SKEW
ABUT. 1	1 1/2"	28° 44' 55"±

JOINT SEAL NOTES

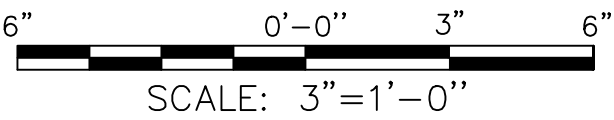
1. INSTALL BACKER ROD AND SEALANT PER MANUFACTURERS INSTRUCTIONS.
2. BACKER ROD SHALL COMPLY WITH ASTM D5249
3. BACKER ROD SHALL HAVE A DIAMETER AT LEAST 25% GREATER THAN THE JOINT WIDTH

DECK REPAIR NOTES

1. LOCATION OF UNSOUND CONCRETE TO BE DETERMINED BY THE ENGINEER.
2. REINFORCEMENT MAY BE ENCOUNTERED DURING DECK CONCRETE REMOVAL. WHERE EXISTING TRANSVERSE REINFORCEMENT IS EXPOSED IN THE DECK SURFACE, SAWCUTTING WILL BE WAIVED WITH THE APPROVAL OF THE ENGINEER.
3. REMOVE UNSOUND CONCRETE AND UNSOUND CONCRETE PATCHES TO EXPOSE SOUND, HARD CONCRETE SUBSTRATE.

QUANTITIES

ITEM	QUANTITY
1 JOINT SEAL	32 LF
2 DECK REPAIR	5 SQ FT
3 BRIDGE DECK TREATMENT	7,000 SQ FT
3 STRIPING	920 LF



MARK	DESCRIPTION	DATE	APPR.

PREPARED UNDER THE RESPONSIBLE CHARGE OF:

Professional Engineer
moffatt & nichol
4225 E. CONANT ST.
LONG BEACH, CALIFORNIA 90808
TEL. 562.426.9551
FAX 562.424.7489

DATE: 4/1/2019

CHARTERED PROFESSIONAL ENGINEER
No. CE 80242
STATE OF CALIFORNIA

CHARTERED PROFESSIONAL ENGINEER
No. CE 80242
STATE OF CALIFORNIA

DESIGNED BY: RA

CHECKED BY: OL

DRAWN BY: SC

DRAWING NO.: C-002

FILE NAME: 1006509_C-002.dwg

PLOT DATE: ---

SCALE: AS SHOWN

County of Orange
Public Works

PREPARED BY: moffatt & nichol
4225 E. CONANT ST.
LONG BEACH, CALIFORNIA 90808
TEL. 562.426.9551
FAX 562.424.7489

2019 BRIDGE
MAINTENANCE PROJECT

BRIDGE No.
55C0038

DETAILS

SHEET

C-002

INDEX 3 OF 3