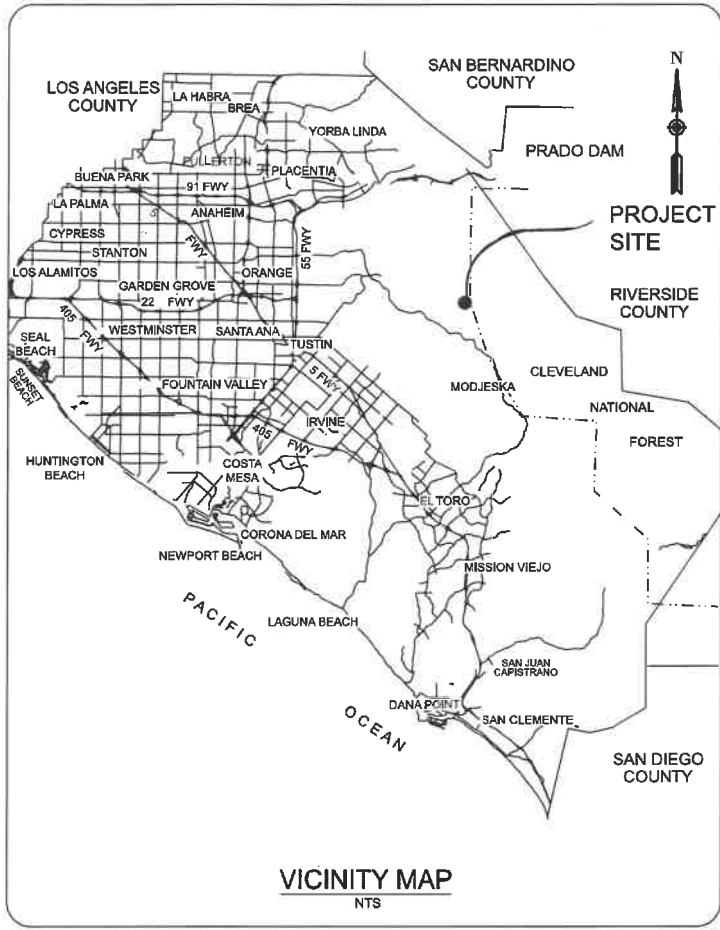


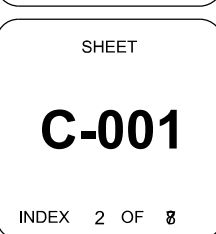


1. ALL CONSTRUCTION SHALL CONFORM TO THESE PLANS, THE CURRENT GREENBOOK STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, THE COUNTY OF ORANGE STANDARD PLANS, THE COUNTY OF ORANGE SPECIAL PROVISIONS FOR JOB ORDER CONTRACTS, AND THE STANDARD SPECIFICATIONS AND STANDARD PLANS DATED 2015 OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION, ARE HEREBY MADE PART OF THESE SPECIFICATIONS
2. THE CONTRACTOR SHALL CONTACT DIGALERT AT 1 (800) 422-4133 AT LEAST 2 WORKING DAYS PRIOR TO PERFORMING ANY EXCAVATION
3. THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIALS.
4. THE CONTRACTOR SHALL PROVIDE A TRAFFIC CONTROL PLAN COMPLYING WITH JOB ORDER CONTRACT SPECIAL PROVISION SECTION F-3 OR THE CURRENT MUTCD REQUIREMENTS AND SIGNED BY A CIVIL ENGINEER REGISTERED IN THE STATE OF CALIFORNIA.
5. PROVIDE TWO PORTABLE CHANGEABLE MESSAGE SIGNS FOR VEHICLE TRAFFIC CONTROL, ONE FOR NORTHBOUND TRAFFIC AND THE OTHER FOR SOUTHBOUND TRAFFIC
6. MAINTAIN ACCESS TO THE TRABUCO CREEK TRAIL AND MAINTENANCE ROADS. IF WORK IS BEING PERFORMED ABOVE THE TRAIL OR ARROYO TRABUCO CREEK, PROTECT THE TRAIL, CREEK AND PUBLIC FROM FALLING DEBRIS. PROVIDE A 16-FOOT WIDE BY 10-FOOT HIGH OPENING FOR PEDESTRIAN AND BICYCLE TRAFFIC. PROVIDE FLAGGERS FOR TRAIL TRAFFIC IF EQUIPMENT WILL BE CROSSING OR ENCROACHING INTO THE TRAIL. LIMIT TRAIL CLOSURES TO A MAXIMUM OF 10 MINUTES.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING MONUMENTS AND OTHER SURVEY MARKERS ON THE JOB SITE.
8. DUST CONTROL SHALL COMPLY WITH JOB ORDER CONTRACT SPECIAL PROVISION SECTION F-5.
9. PROTECT EXISTING FACILITIES PER JOB ORDER CONTRACT SPECIAL PROVISION SECTION F-7.
10. PROTECT EXISTING UTILITIES PER JOB ORDER CONTRACT SPECIAL PROVISION SECTION F-9.
11. EXCEPT INDICATE OTHERWISE, PROTECT IN PLACE ALL EXISTING UTILITIES, FACILITIES, AND IMPROVEMENTS
12. PRIOR TO THE ONSET OF CONSTRUCTION ACTIVITIES, CONTACT CANYON RESIDENT JOANNE HUBBLE jahubble@occoxmail.com.

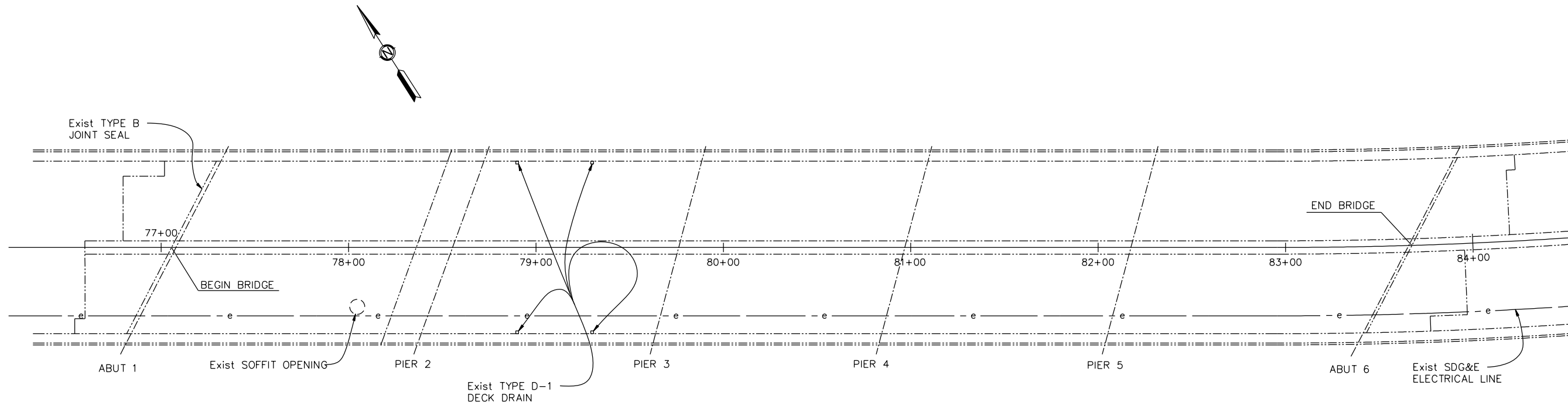
1. BRIDGE CONSTRUCTION ACTIVITIES SHALL OCCUR DURING LOW OR NO FLOW IN ARROYO TRABUCO CREEK.
2. PERPARE A EROSION, SEDIMENT, AND CHEMICAL CONTROL PLAN (ESCCP) PER THE COUNTY OF ORANGE SPECIAL PROVISIONS FOR JOB ORDER CONTRACTS SECTION F-4.
3. A COPY OF THE ESCCP SHALL BE KEPT AT THE PROJECT SITE AT ALL TIMES.
4. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED AS SPECIFIED IN THE ESCCP AND/OR AS DIRECTED BY COUNTY INSPECTOR.
5. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN ACCORDANCE WITH THE ESCCP.
6. THE CONTRACTOR SHALL ESTABLISH A SPECIFIC SITE WITHIN THE PROJECT SITE FOR MAINTENANCE AND STORAGE OF EQUIPMENT OR ANY OTHER ACTIVITIES THAT MAY ADVERSELY CONTRIBUTE TO THE WATER QUALITY OF THE RUNOFF IN ACCORDANCE WITH THE ESCCP.

1. LIMIT ON-SITE VEHICLE SPEEDS TO 15 M.P.H.
2. SUSPEND CLEARING, GRADING, EXCAVATION AND EARTH MOVING WHEN WIND EXCEEDS 20 M.P.H. CONTINUOUSLY FOR MORE THAN 1 HOUR IF DUST IMPACTS ARE OCCURRING OFF-SITE.
3. APPLY WATER OR DUST PALLIATIVES ON ALL EXPOSED SURFACES AS NECESSARY TO CONTROL DUST.
4. NO OPEN BURNING SHALL OCCUR
5. MINIMIZE EQUIPMENT IDLING TIME TO 10 MINUTES.
6. USE LOW EMISSION ON-SITE STATIONARY EQUIPMENT.

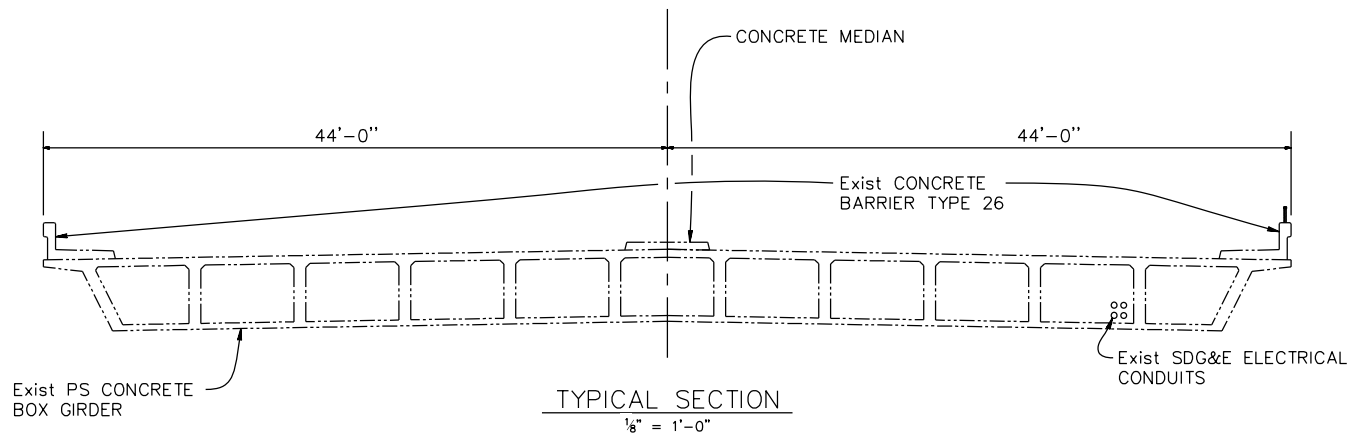
1. CONSTRUCTION ACTIVITY IS LIMITED TO BETWEEN 7 A.M. AND 7 P.M. ON SUNDAY THROUGH FRIDAY, AND BETWEEN 8 A.M. AND 6 P.M. ON SATURDAY. NO WORK IS PERMITTED ON SUNDAY.
2. ALL NATIVE BIRDS ARE PROTECTED FROM DISTURBANCE WHILST NESTING. AS FAR AS POSSIBLE, CONSTRUCTION ACTIVITIES SHOULD TAKE PLACE OUTSIDE OF THE BIRD NESTING SEASON (FEBRUARY 1ST THROUGH SEPTEMBER 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.
3. 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.
4. STREAM BED ALTERATIONS ARE NOT PERMITTED.
5. MOTORIZED EQUIPMENT OR VEHICLES ARE NOT PERMITTED TO ENTER ARROYO TRABUCO CREEK.
6. CONSTRUCTION ACTIVITIES THAT TEMPORARILY IMPACT ARROYO TRABUCO WILL BE LIMITED TO THE TEMPORARY IMPACT AREA. DO NOT ALLOW CONSTRUCTION EQUIPMENT OR FOOT TRAFFIC OUTSIDE OF THE TEMPORARY IMPACT AREA. MINIMIZE TEMPORARY IMPACTS TO THE ARROYO TRABUCO CREEK.



File: Drawing1; Plotted: 2/26/2016 8:02 AM by CARSON, STEVE; Saved: ----- by SCARSON



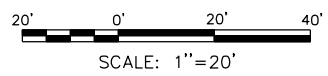
PLAN
1" = 30'-0"



TYPICAL SECTION
1/8" = 1'-0"

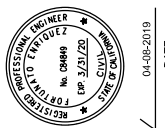
LEGEND
----- DENOTES EXISTING STRUCTURE

GENERAL NOTES
1. FOR GENERAL NOTES, SEE "GENERAL NOTES" SHEET C-001





MARK	DESCRIPTION	DATE	APPR.



PREPARED UNDER THE RESPONSIBLE CHARGE OF:
DEIDOKKEN ENGINEERING
110 BLUE RAVINE ROAD, SUITE 200
FOLSOM, CA 95630
TEL: 916 858-0642
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Fortunato Enriquez
REGISTERED PROFESSIONAL ENGINEER
No. 04849
Exp. 2/2/25

DATE: 04-09-2019

DESIGNED BY: FORTUNATO ENRIQUEZ	CHECKED BY: I. OSTERKAMP
DRAWN BY: K. DANG	W.O. NO. E20588
DRAWING NO.: -	FILE NAME:
PLOT DATE:	
SCALE: AS SHOWN	

County of Orange
Public Works

PREPARED BY:
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OSO PARKWAY BRIDGE
OVER ARROYO TRABUCO
CREEK
BRIDGE No. 55C0606

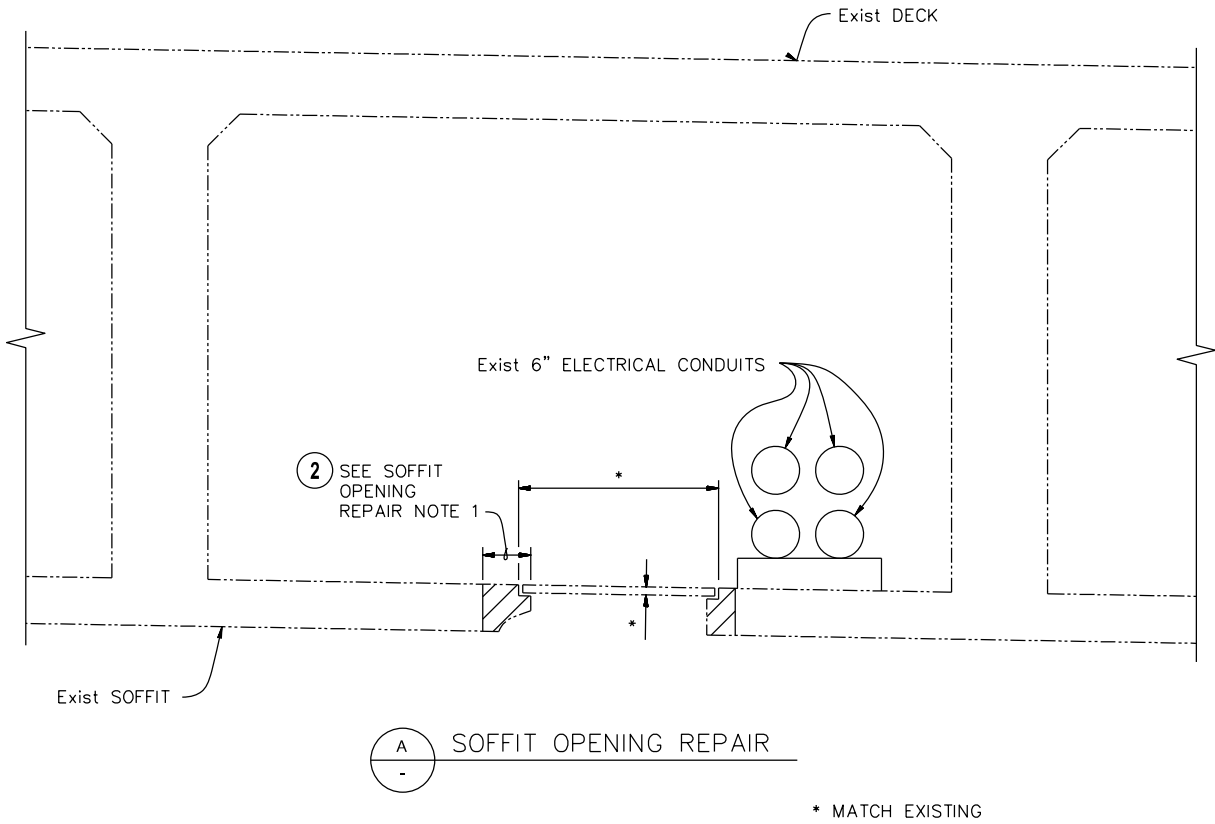
SITE PLAN

SHEET

C-002

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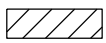
File: Drawing; Plotted: 2/26/2018 8:02 AM by CARSON, STEVE; Saved: ----- by SCARSON



SOFFIT OPENING REPAIR NOTES:

1. LIMITES OF UNSOUND CONCRETE TO BE DETERMINED BY THE ENGINEER.

LEGEND

-  DENOTE REPAIR SOFFIT ACCESS OPENING PER 2015 CALTRANS STANDARD SPECIFICATIONS 60-4.03.
-  DENOTES EXISTING STRUCTURE

GENERAL NOTES

1. FOR GENERAL NOTES, SEE "GENERAL NOTES" SHEET C-001

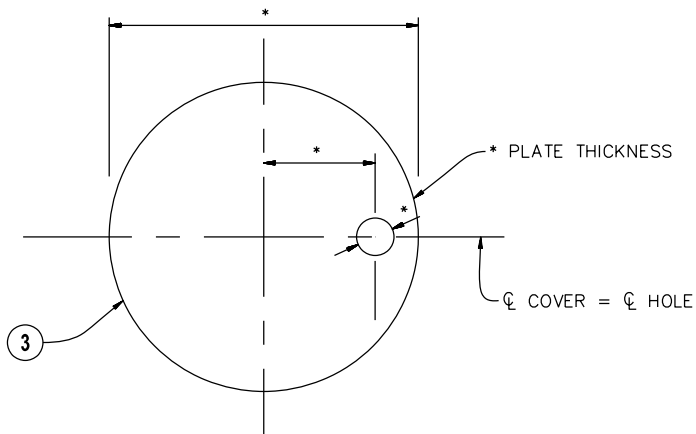
KEY NOTES

1. REPLACE SOFFIT OPENING COVER
2. PAY LIMITS FOR SOFFIT ACCESS OPENING PER 2015 CALTRANS STANDARD SPECIFICATIONS 60-4.03.
3. FABRICATE AND INSTALL MISCELLANEOUS METAL (BRIDGE) PER 2015 CALTRANS STANDARD SPECIFICATIONS 75-3.



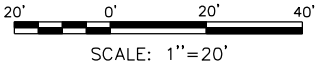
Exist SOFFIT
OPENING COVER 1

EXISTING SOFFIT OPENING
N.T.S



* MATCH EXISTING

SOFFIT OPENING COVER
N.T.S



MARK	DESCRIPTION	DATE	APPR.

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Fortunato Enriquez
Professional Engineer
No. 04849
Exp. 2/2/25
04-08-2019 DATE

DESIGNED BY: **FORTUNATO ENRIQUEZ**

DRAWN BY: **K. DANG**

CHECKED BY: **J. OSTERKAMP**

DRAWING NO.: **-**

FILE NAME: **-**

W.O. NO.: **ER20588**

PLOT DATE: **-**

SCALE: **AS SHOWN**

County of Orange
Public Works

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**OSO PARKWAY BRIDGE
OVER ARROYO TRABUCO
CREEK**

BRIDGE No. 55C0606

**SOFFIT REPAIR
DETAILS**

SHEET

C-003

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File: Drawing; Plotted: 2/26/2018 8:02 AM by CARSON, STEVE; Saved: ----- by SCARSON



EXISTING DECK DRAIN
N.T.S

KEY NOTES

- ① CLEAN BRIDGE DECK DRAINAGE SYSTEM PER SPECIAL PROVISIONS 60-6.
- ② PLACE JOINT SEAL (MR 1") PER 2018 CALTRANS STANDARD SPECIFICATIONS 51-2 AND 2015 CALTRANS STANDARD PLANS B6-21.

GENERAL NOTES

1. FOR GENERAL NOTES, SEE "GENERAL NOTES" SHEET C-001

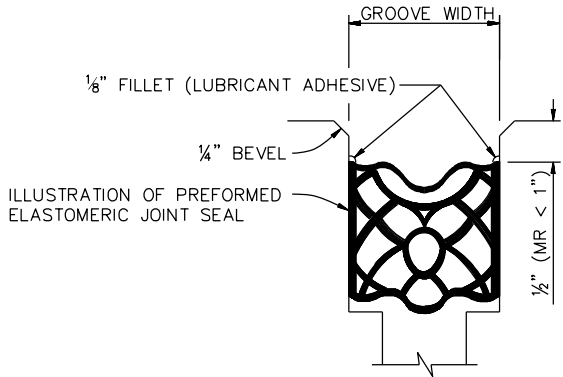


EXISTING ABUT JOINT
N.T.S

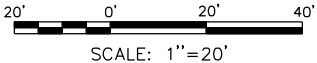
JOINT SEAL TABLE

LOCATION	MOVEMENT RATING (in)	GROOVE WIDTH (in)	LENGTH (ft)	WATSON BOWMAN MODEL NUMBER
ABUT 1	1	*	74	** WA-300

- * TO BE MEASURED DURING CONSTRUCTION. FOR MINIMUM INSTALL WIDTH SEE MANUFACTOR SPECIFICATIONS.
- ** OR EQUIVALENT



TYPE B SEAL
N.T.S



MARK	DESCRIPTION	DATE	APPR.

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Fortuato Enriquez
FORTUATO ENGINEERING, INC.
DATE: 04-28-2019

DESIGNED BY: FORTUATO ENRIQUEZ
DRAWN BY: K. DANG
CHECKED BY: J. OSTERKAMP
DRAWING NO.: -
FILE NAME: -
PLOT DATE: -
SCALE: AS SHOWN

County of Orange
PublicWorks
PREPARED BY:
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OSO PARKWAY BRIDGE
OVER ARROYO TRABUCO
CREEK
BRIDGE No. 55C0606

**JOINT REPAIR
DETAILS**

SHEET
C-004

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File: Drawing1; Plotted: 2/26/2018 8:02 AM by CARSON, STEVE; Saved: ----- by SCARSON



EXISTING ABUTMENT RUTTING
N.T.S



EXISTING ABUTMENT RUTTING
N.T.S

GENERAL NOTES

1. FOR GENERAL NOTES, SEE "GENERAL NOTES" SHEET C-001

KEY NOTES

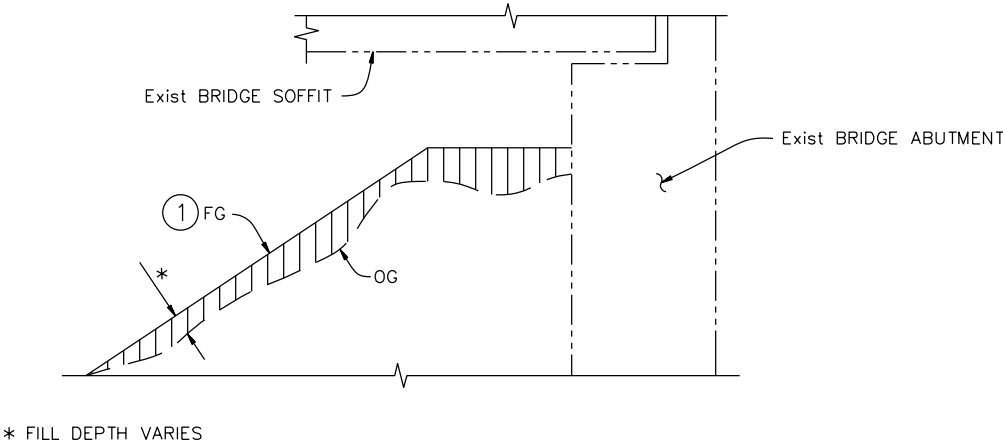
- ① RECONSTRUCT EMBANKMENT PER 2015 CALTRANS STANDARD SPECIFICATIONS 19-6.

LEGEND

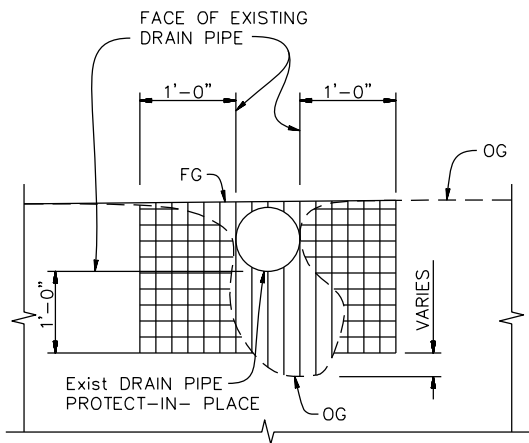
- ▨ IMPORT BORROW PER 2015 CALTRANS STANDARD SPECIFICATIONS 19-7.
- ▨ STRUCTURE EXCAVATION PER 2015 CALTRANS STANDARD SPECIFICATIONS 19-3.
- DENOTES EXISTING STRUCTURE

EMBANKMENT REPAIR DETAILS

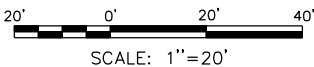
1. EMBANKMENT REPAIR LOCATIONS AND LIMITS TO BE DETERMINED BY THE ENGINEER.
2. EXCAVATE AROUND EXISTING DRAIN PIPES WITH HAND TOOLS.



SECTION THROUGH RUTTING
N.T.S



SECTION THROUGH EXISTING DRAIN PIPE
N.T.S



MARK	DESCRIPTION	DATE	APPR.

PREPARED UNDER THE RESPONSIBLE CHARGE OF:

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Fortunato Enriquez
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No. 04849
Exp. 2/27/25
DATE: 04-08-2019

DESIGNED BY: FORTUNATO ENRIQUEZ

CHECKED BY: J. OSTERKAMP

DRAWN BY: K. DANG

DRAWING NO.: -

FILE NAME: -

PLOT DATE: -

SCALE: AS SHOWN

County of Orange
Public Works

PREPARED BY: DEIDOKKEN ENGINEERING
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OSO PARKWAY BRIDGE
OVER ARROYO TRABUCO
CREEK

BRIDGE No. 55C0606

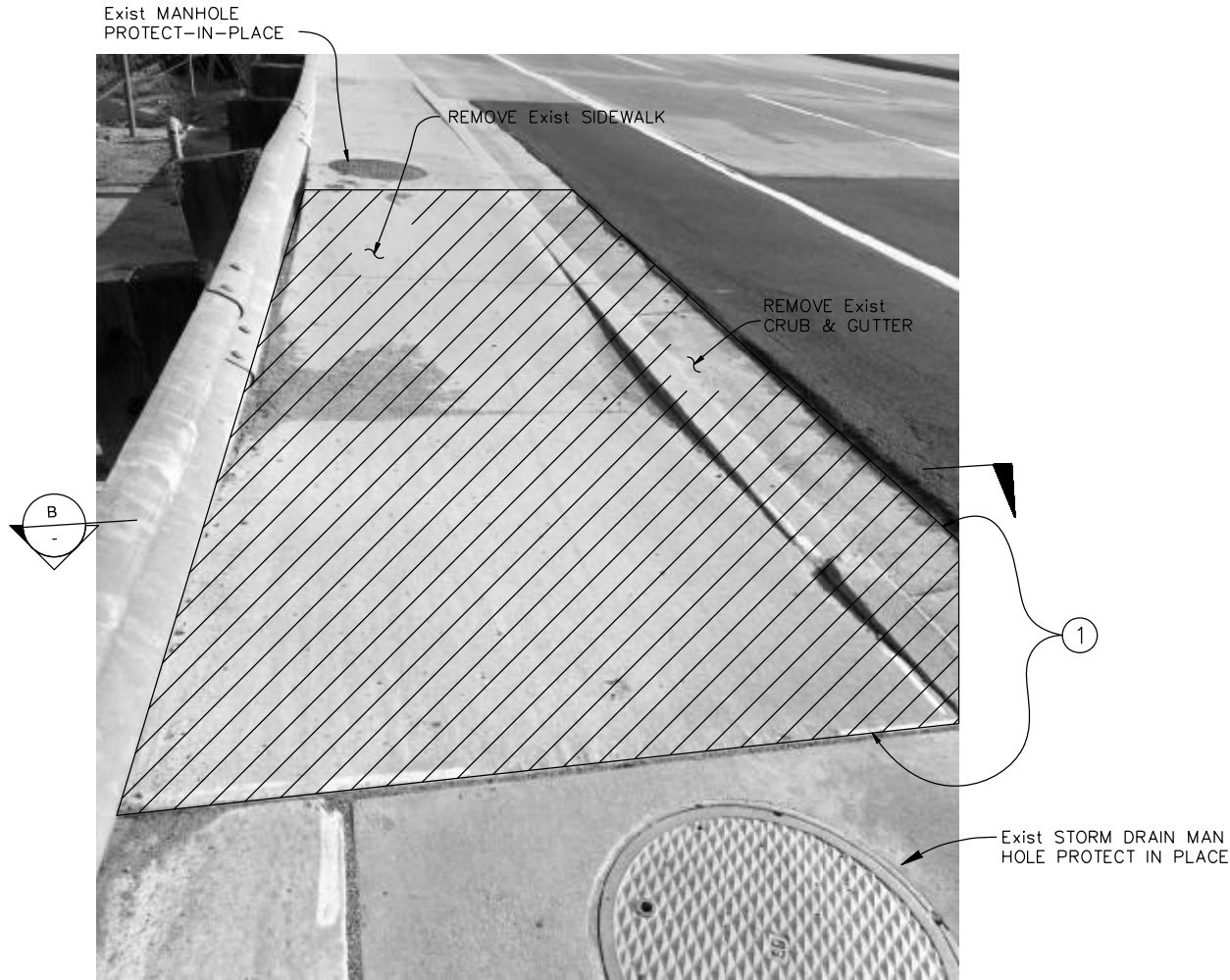
**EMBANKMENT
REPAIR DETAILS**

SHEET

C-005

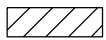
INDEX 6 OF 8

File: Drawing1; Plotted: 2/26/2016 8:02 AM by CARSON, STEVE; Saved: ----- by SCARSON

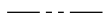


EXISTING NORTH WEST SIDEWALK
N.T.S

LEGEND



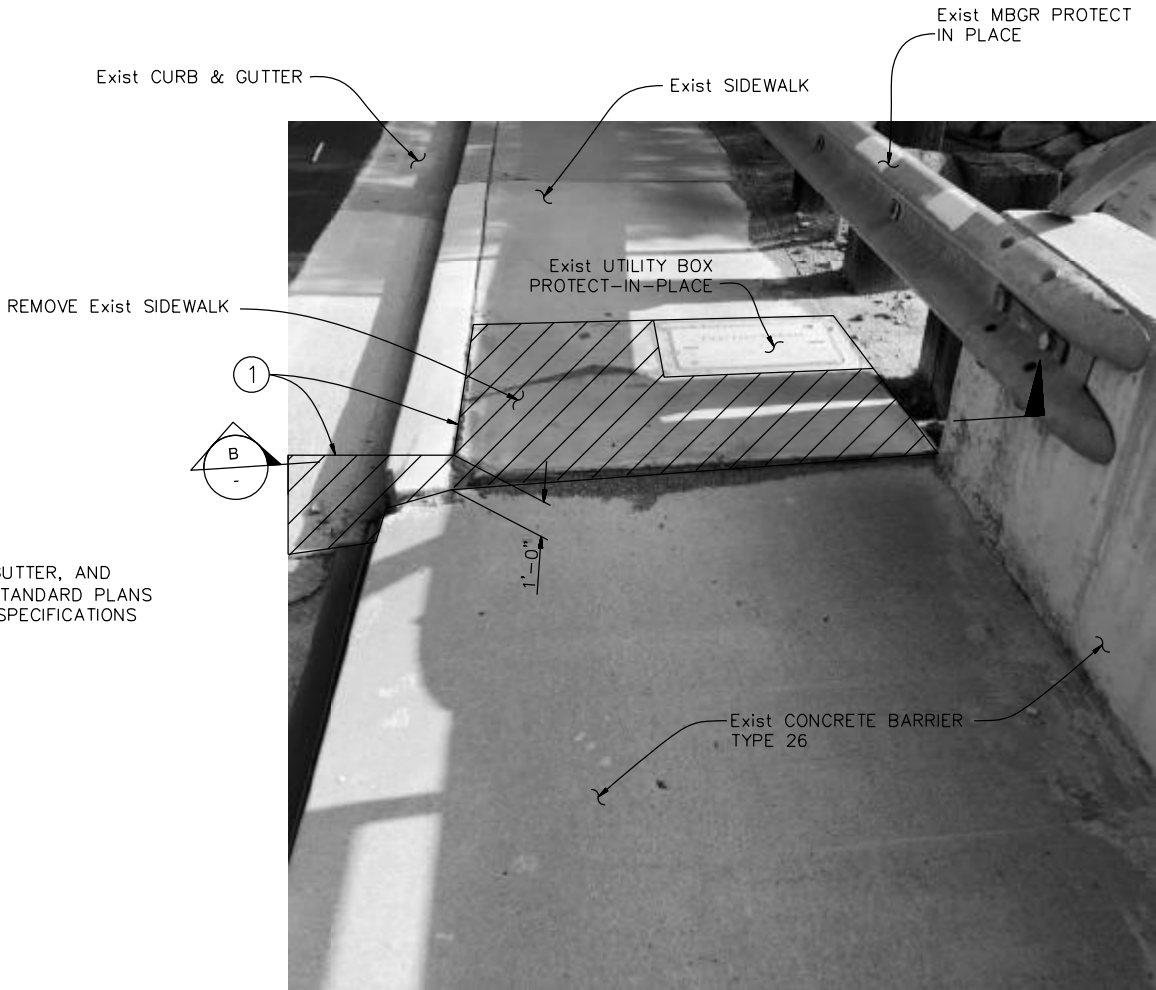
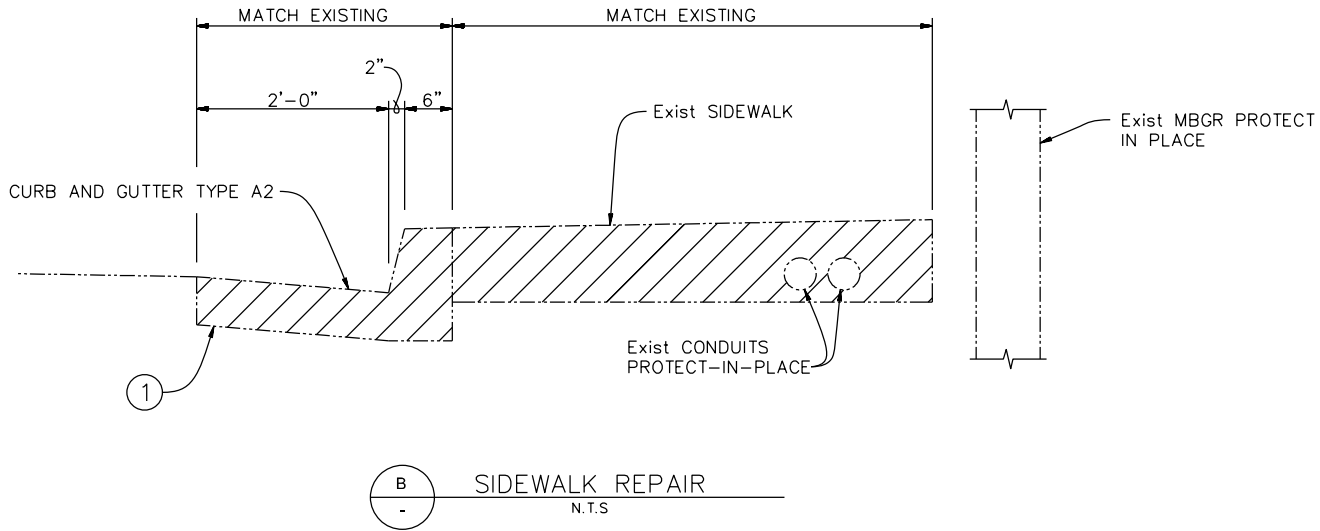
DENOTES REMOVE CONCRETE CURB, GUTTER, AND SIDEWALK PER 2015 CALTRANS SPECIFICATIONS 73-10.



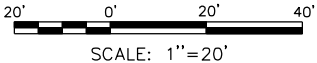
DENOTES EXISTING STRUCTURE

KEY NOTES

- ① PLACE MINOR CONCRETE (CURB, GUTTER, AND SIDEWALK) PER 2015 CALTRANS STANDARD PLANS A87A AND CALTRANS STANDARD SPECIFICATIONS 73-1.



EXISTING SOUTH EAST SIDEWALK
N.T.S



MARK	DESCRIPTION	DATE	APPR.

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Fortunato Enriquez
FORTUNATO ENRIQUEZ
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Exp. 2/27/25

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DESIGNED BY: FORTUNATO ENRIQUEZ
CHECKED BY: I. OSTERKAMP
DRAWN BY: K. DANG

W.O. NO.: E20558
FILE NAME: -
PLOT DATE: -
SCALE: AS SHOWN

County of Orange
Public Works

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FAX: 916 858-0643

OSO PARKWAY BRIDGE
OVER ARROYO TRABUCO
CREEK
BRIDGE No. 55C0606

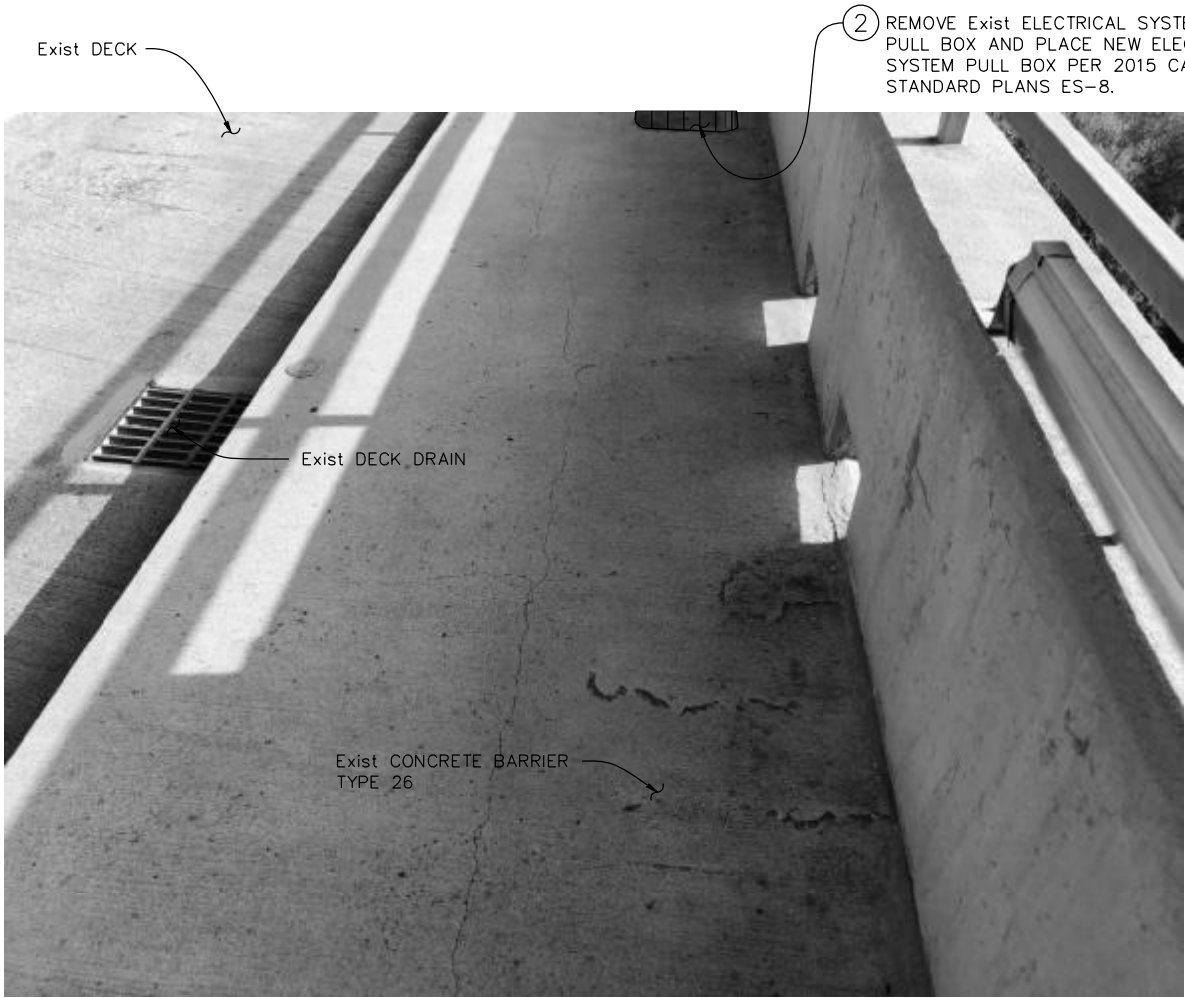
**SIDEWALK REPAIR
DETAILS**

SHEET

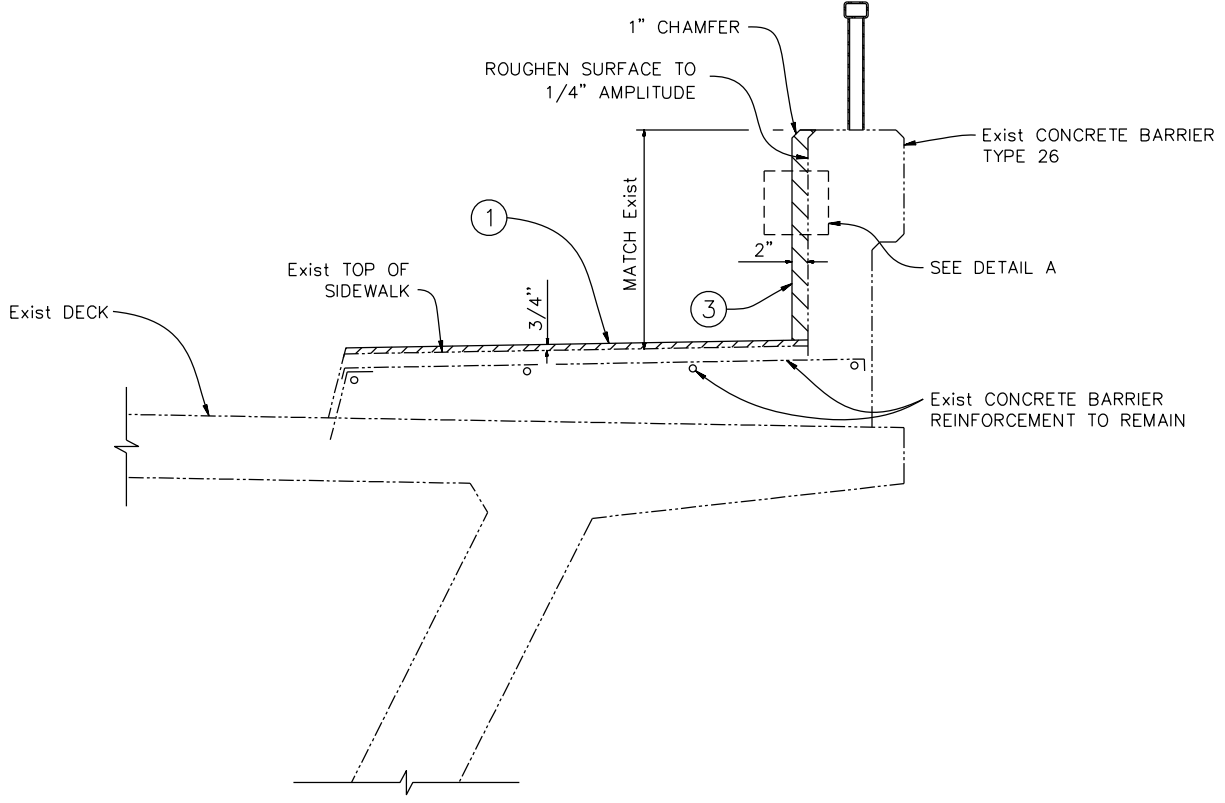
C-006

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File: Drawing1; Plotted: 2/26/2016 8:02 AM by CARSON, STEVE; Saved: ----- by SCARSON



2 REMOVE Exist ELECTRICAL SYSTEMS
PULL BOX AND PLACE NEW ELECTRICAL
SYSTEM PULL BOX PER 2015 CALTRANS
STANDARD PLANS ES-8.



CONCRETE BARRIER REPAIR
N.T.S

EXISTING CONCRETE BARRIER
N.T.S

LEGEND

- DENOTES POLYESTER CONCRETE OVERLAY
- DENOTES CONCRETE BARRIER (FACING)
- DENOTES ADUST UTILITY BOX TO GRADE
- DENOTES EXISTING STRUCTURE

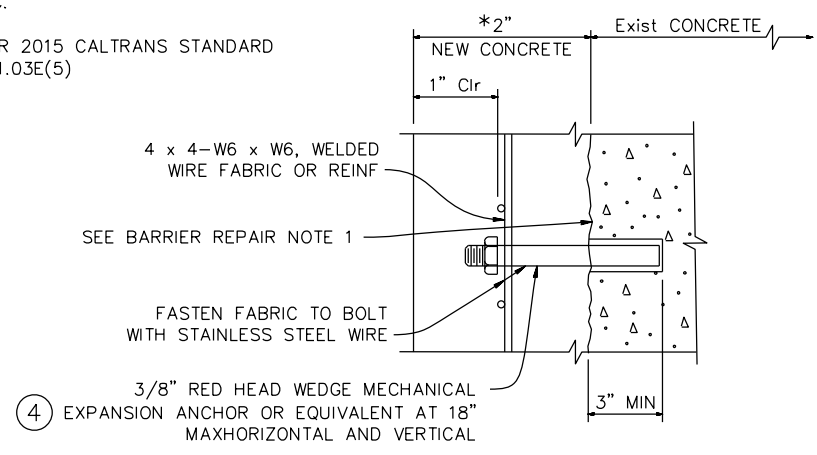
GENERAL NOTES

1. FOR GENERAL NOTES, SEE "GENERAL NOTES" SHEET C-001

KEY NOTES

- 1 PLACE POLYESTER CONCRETE OVERLAY PER SPECIAL PROVISION 60-3.06B.
- 2 ADJUST NEW UTILITY BOX TO GRADE PER JOB ORDER CONTRACT SPECIAL PROVISION SECTION F-19.
- 3 REPAIR SPALLED SURFACE ON CONCRETE BARRIER PER SPECIAL PROVISIONS60-3.06C.
- 4 DRILL AND BOND PER 2015 CALTRANS STANDARD SPECIFICATIONS 51-1.03E(5)

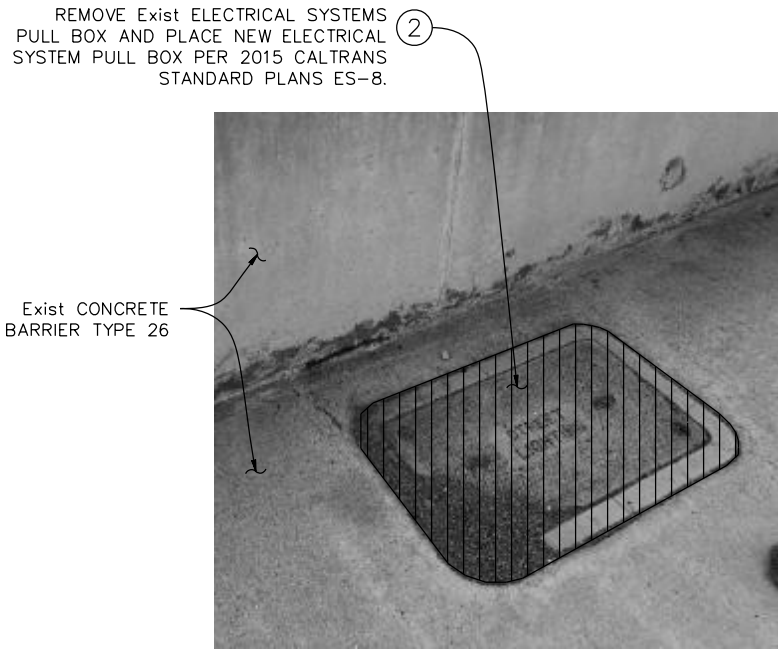
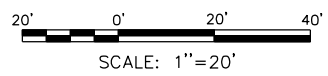
* SEE BARRIER REPAIR NOTE 2



DETAIL A
N.T.S

BARRIER REPAIR NOTES:

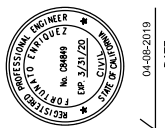
- 1. PRIME ALL REPAIR AREAS TO WITH MASTEREMACO P124 OR EQUIVALENT.
- 2. PLACE MASTEREMACO 440S OR EQUIVALENT.



EXISTING UTILITY BOX
N.T.S



MARK	DESCRIPTION	DATE	APPR.



PREPARED UNDER THE RESPONSIBLE CHARGE OF:

DEIDOKKEN ENGINEERING
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CIVIL
No. 04849
Exp. 2/27/25

DATE: 04-30-2019

DESIGNED BY:	CHECKED BY:	DRAWN BY:	DRAWING NO.:	FILE NAME:	PLOT DATE:	SCALE:
FORTUNATO ENRIQUEZ	I. OSTERKAMP	K. DANG	ER20568	-	-	AS SHOWN

County of Orange
Public Works

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OSO PARKWAY BRIDGE
OVER ARROYO TRABUCO
CREEK

BRIDGE No. 55C0606

**BARRIER REPAIR
DETAILS**

SHEET

C-007

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