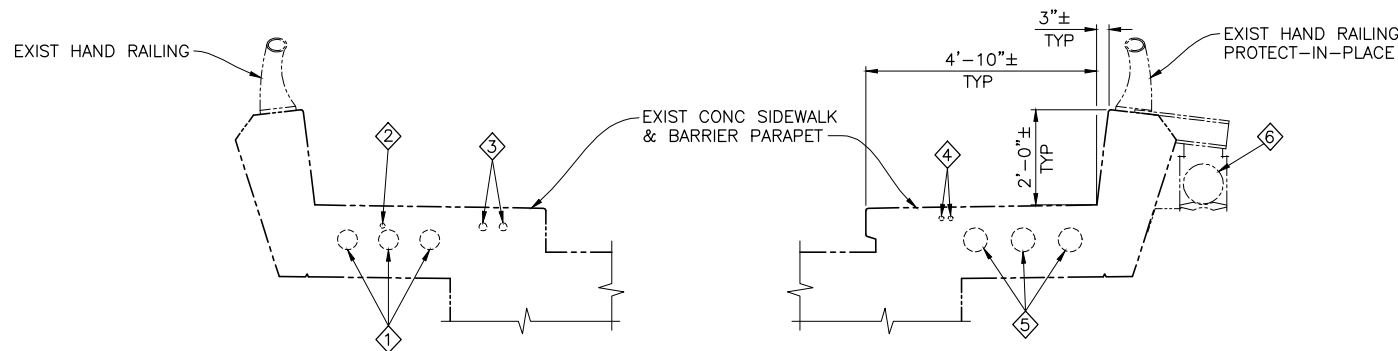
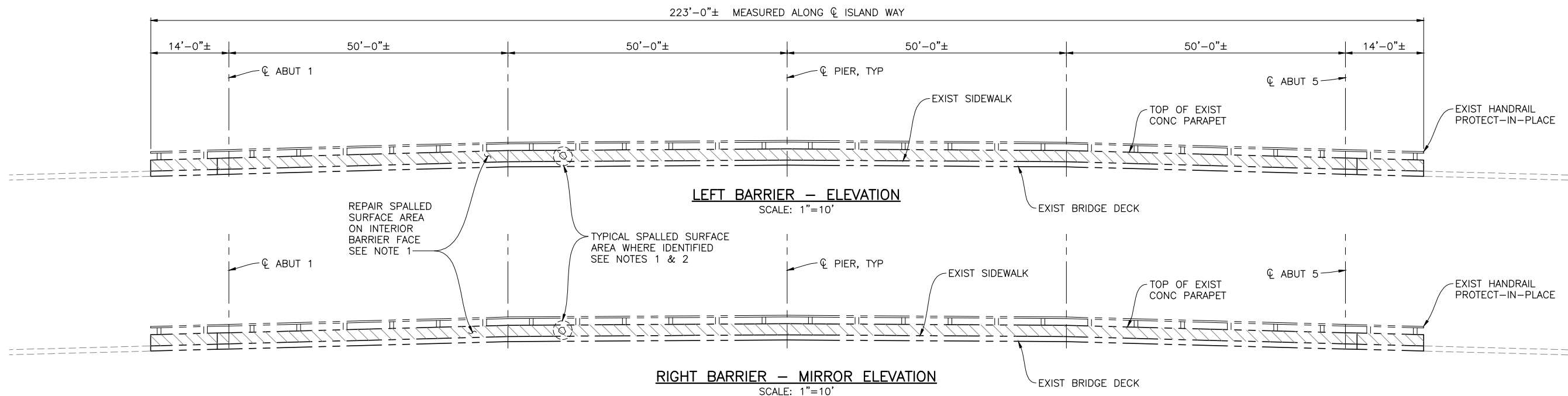


SHEET 1 OF 4



LEGEND

- LIMITS OF EXISTING CONCRETE PARAPET FACE
- LIMITS OF EXISTING BRIDGE SIDEWALK SURFACE
- INDICATES EXISTING

NOTES:

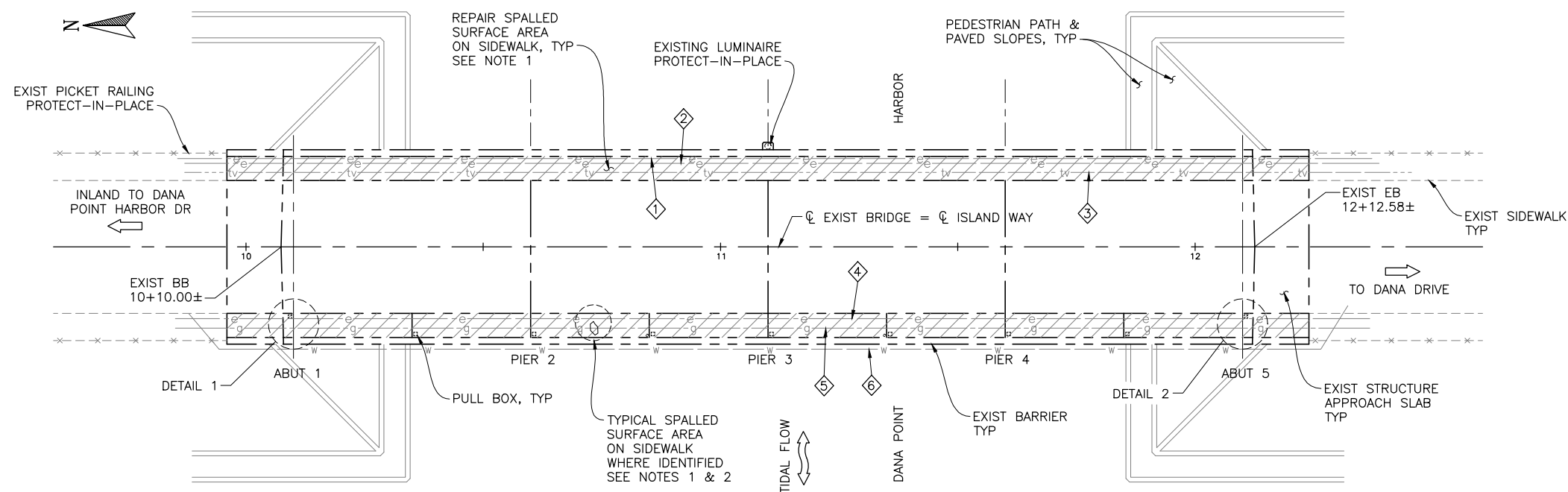
- REPAIR SPALLED SURFACE AREAS WITHIN THE LIMITS OF EXISTING CONCRETE PARAPET FACE AND EXISTING BRIDGE SIDEWALK SURFACE. FINAL LIMITS OF REPAIR SPALLED SURFACE AREA TO BE ESTABLISHED DURING CONSTRUCTION.
- FOR SPALL REPAIR DETAILS, SEE SHEET S2.
- FOR DETAILS 1 AND 2, SEE SHEET S3.
- PROTECT EXISTING UTILITIES IN-PLACE.
- PROVIDE TRAFFIC CONTROL PER SPECIFICATION F-3.

QUANTITIES

ITEM	QUANTITY
JOINT SEAL (TYPE AL)	10 LF
REPAIR SPALLED SURFACE AREA	75 SQFT
PAINT CURB (2-COAT)	5 SQFT

UTILITIES

- 5" ELECTRICAL CONDUITS (SDG&E)
- 1 1/4" ELECTRICAL CONDUITS (COUNTY)
- COMMUNICATION CABLE (COX)
- 1 1/4" ELECTRICAL CONDUITS (COUNTY)
- 1" GAS LINE (SGC)
- 10" WATER LINE (SOUTH COAST WATER DISTRICT)



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



MARK	DESCRIPTION	DATE	APPR.

PREPARED UNDER THE RESPONSIBLE CHARGE OF:

REGISTERED CIVIL ENGINEER
MARK STILLER
C 79935
Exp. 06/30/20
STATE OF CALIF.

4/04/19
DATE

Mark Stiller

DESIGNED BY: M. STILLER	CHECKED BY: M. CHAR	FILE NAME: 02 ISLAND WAY.DWG
DRAWN BY: R. ANDRASEK	DRAWING CODE:	PLOT DATE: 4/4/19
COUNTY OF ORANGE OC PUBLIC WORKS	NCM ENGINEERING CORP. 22362 GILBERTO RANCHO SANTA MARGARITA CALIFORNIA, 92688	SCALE: AS SHOWN

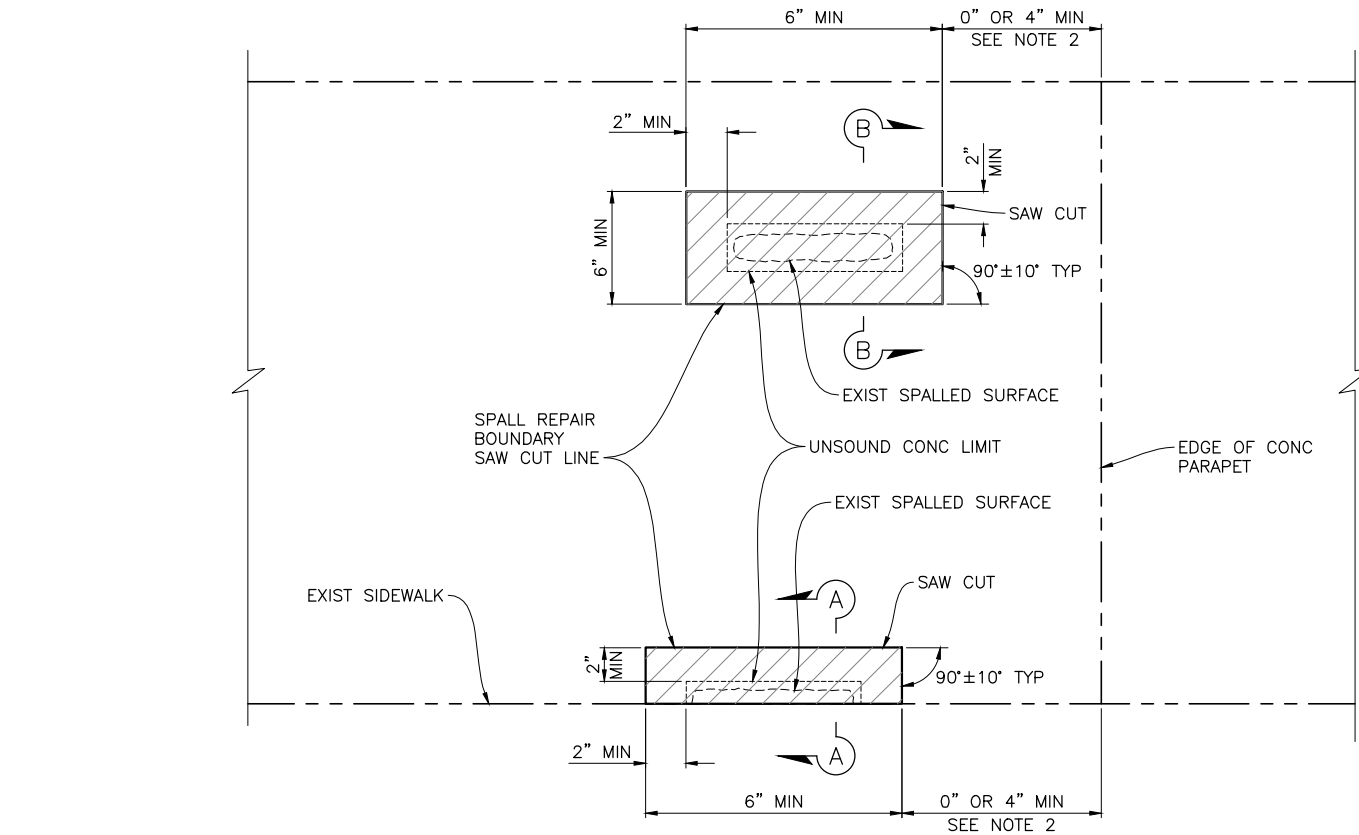
ISLAND WAY BRIDGE OVER
DANA POINT HARBOR
PREVENTATIVE MAINTENANCE
Br. No. 55C0561

GENERAL PLAN

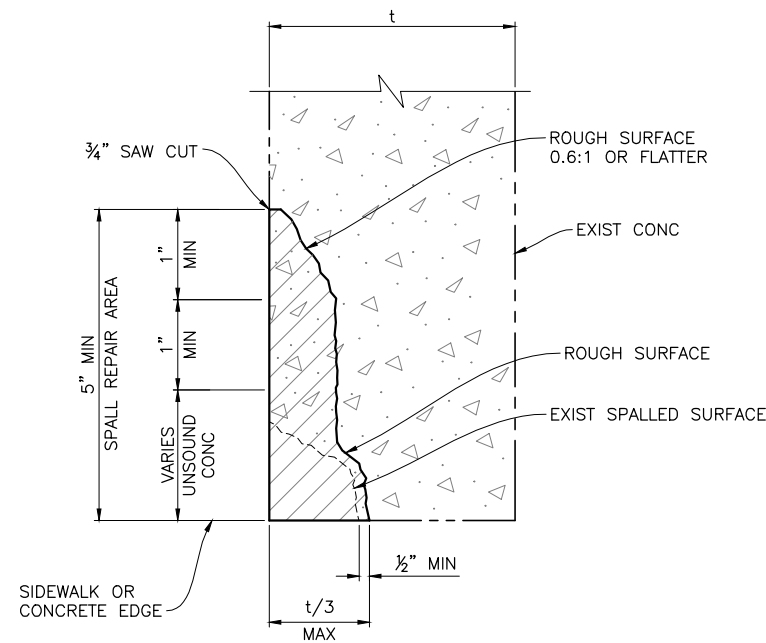
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Reference
Number

S1

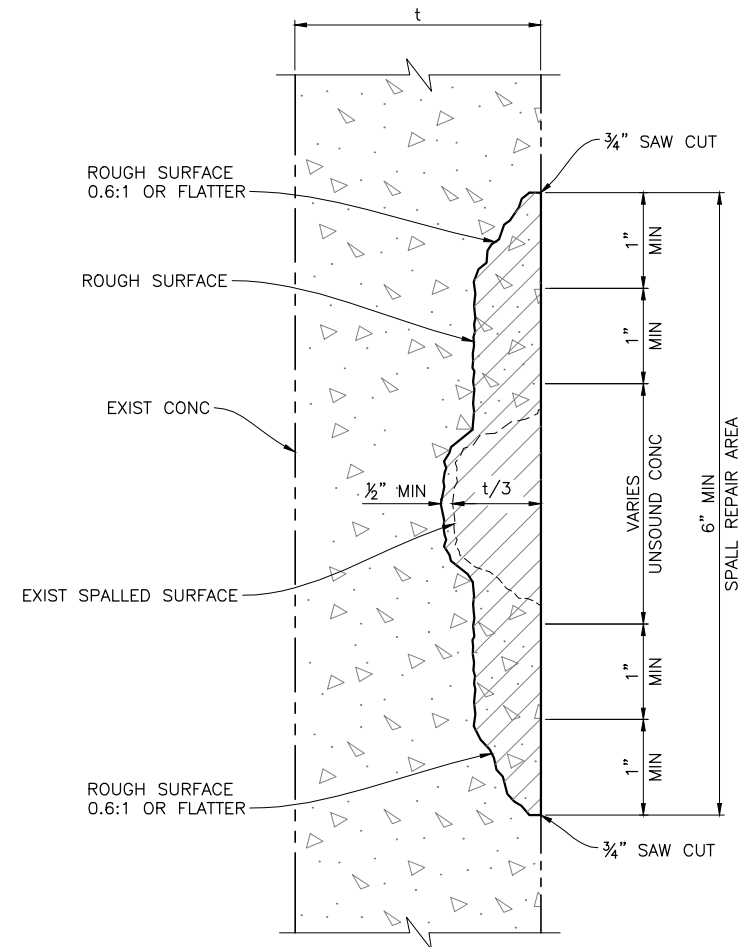
Sheet 2 of 4



ELEVATION
NO SCALE



SECTION A-A
JOINT, CRACK OR EDGE OF CONCRETE REPAIR
NO SCALE



SECTION B-B
MISCELLANEOUS SPALL REPAIR
NO SCALE

LEGEND

- MORTAR SPALL REPAIR
- INDICATES EXISTING

NOTES:

- SEE "GENERAL PLAN" SHEET FOR SPALL REPAIR LOCATIONS. SEE SPECIFICATION F-46.
- IF SPALL REPAIR AREA IS LESS THAN 4" FROM AN EDGE, EXTEND THE REPAIR TO THE JOINT.
- PROTECT EXISTING REINFORCEMENT IN PLACE. IF EXISTING REINFORCEMENT IS LESS THAN 1/2" CLEAR OF FINISHED CONCRETE SURFACE, EPOXY COAT EXPOSED PORTION OF REBAR OR PAINT WITH ZINC-RICH PRIMER BEFORE COMPLETING SPALL REPAIR. SEE SPECIFICATION F-46.



MARK	DESCRIPTION	DATE	APPR.

PREPARED UNDER THE RESPONSIBLE CHARGE OF:

MARK STILLER
CIVIL ENGINEER

DATE: 4/04/19

DESIGNED BY: M. STILLER	CHECKED BY: M. CHAR
DRAWN BY: R. ANDRASEK	DRAWING CODE:
COUNTY OF ORANGE OC PUBLIC WORKS	FILE NAME: 03 ISLAND WAY.DWG
NCM ENGINEERING CORP. 22362 GILBERTO RANCHO SANTA MARGARITA CALIFORNIA, 92688	PLOT DATE: 4/4/19 SCALE: AS SHOWN

ISLAND WAY BRIDGE OVER
DANA POINT HARBOR
PREVENTATIVE MAINTENANCE
Br. No. 55C0561

**SPALL REPAIR
DETAILS**

Sheet
Reference
Number

S2

Sheet 3 of 4

LEGEND

--- INDICATES EXISTING

XX-XX INDICATES 2015 CALTRANS
STANDARD PLAN



MARK	DESCRIPTION	DATE	APPR.

PREPARED UNDER THE RESPONSIBLE CHARGE OF:

REGISTERED CIVIL ENGINEER
MARK STILLER
C 79935
Exp. 08/30/20
STATE OF CALIF.

4/04/19
DATE

DESIGNED BY: M. STILLER	CHECKED BY: M. CHAR
DRAWN BY: R. ANDRASEK	DRAWING CODE:
COUNTY OF ORANGE OC PUBLIC WORKS	FILE NAME: 04 ISLAND WAY.DWG
NCM ENGINEERING CORP. 22362 GILBERTO RANCHO SANTA MARGARITA CALIFORNIA, 92688	PLOT DATE: 4/4/19 SCALE: AS SHOWN

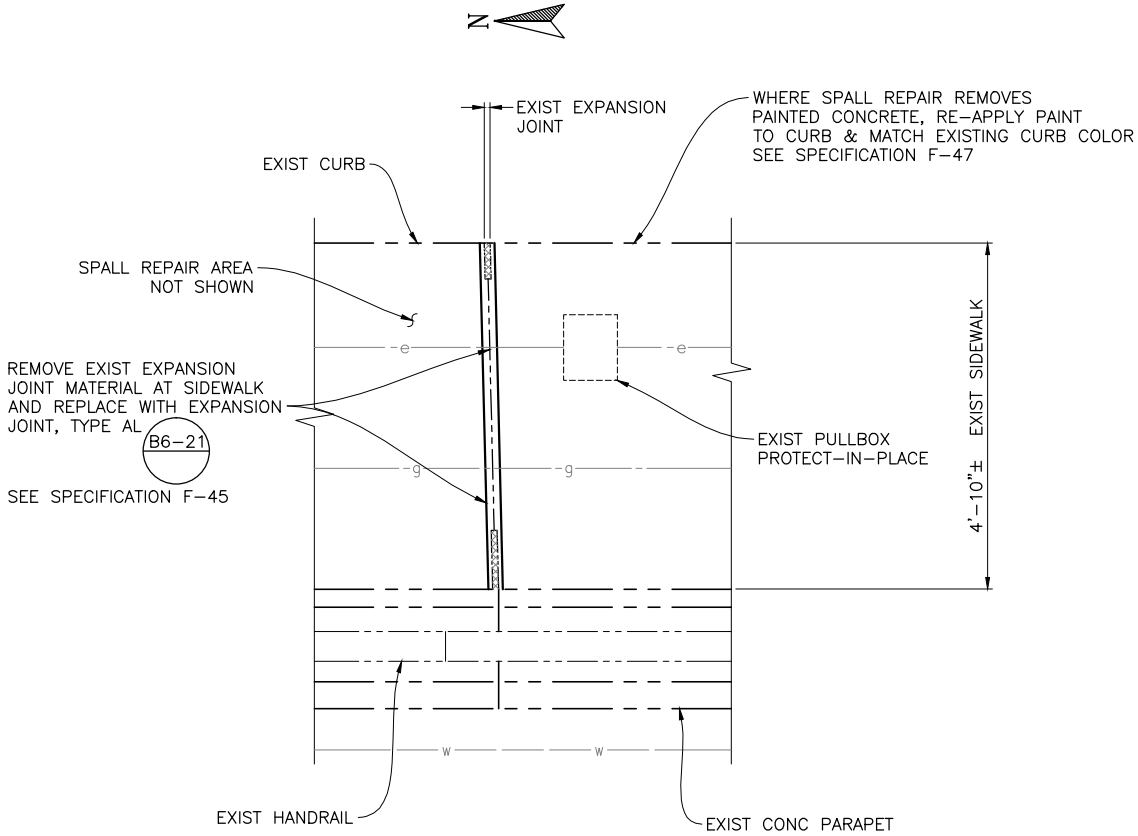
ISLAND WAY BRIDGE OVER
DANA POINT HARBOR
PREVENTATIVE MAINTENANCE
Br. No. 55C0561

MISCELLANEOUS
DETAILS

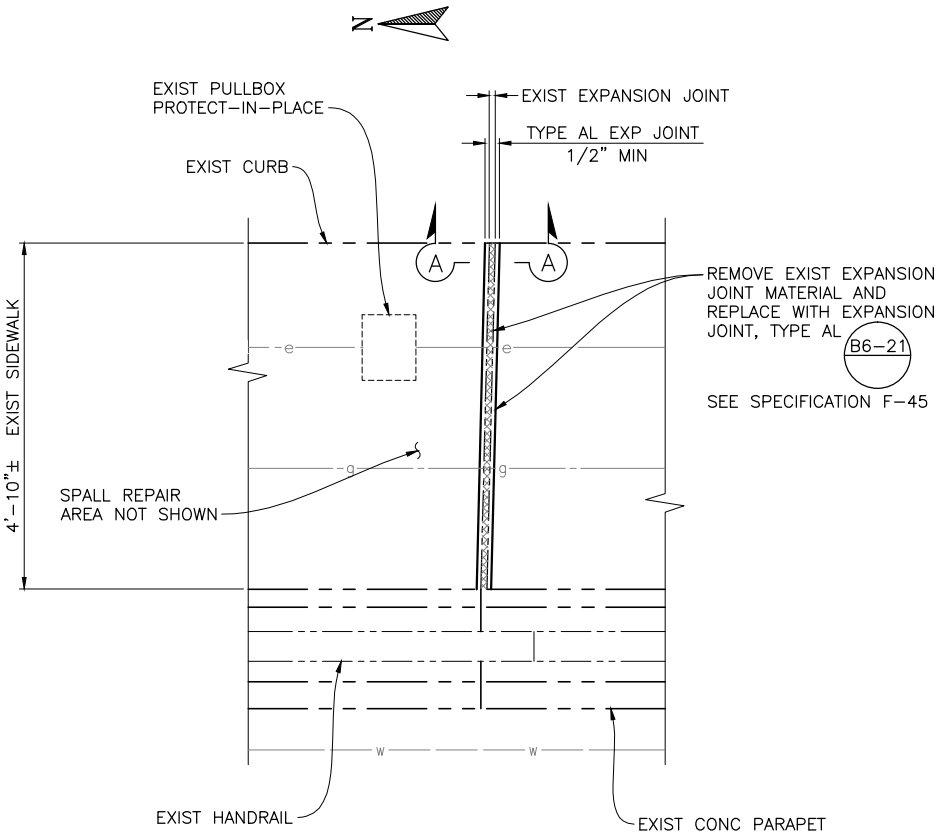
Sheet
Reference
Number

S3

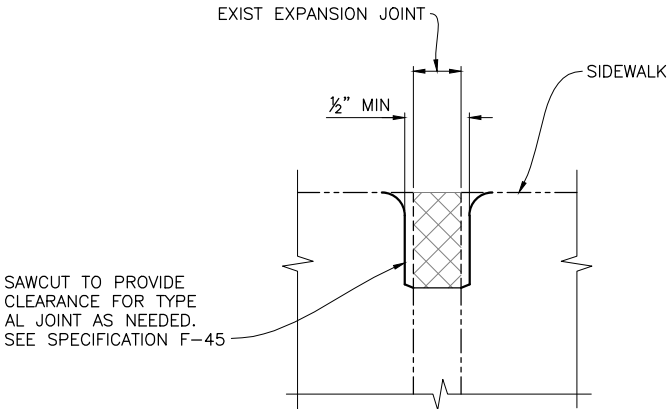
Sheet 4 of 4



DETAIL 1
NO SCALE



DETAIL 2
NO SCALE



SECTION A-A
NO SCALE

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