

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC, Sol	80	13.4/14.1, 0.0/0.6	33	75

REGISTERED CIVIL ENGINEER
 A. KUSHKAKI
 No. 59045
 Exp. 6-30-15
 CIVIL
 STATE OF CALIFORNIA

2-06-15
 DATE
 6-22-15
 PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

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4	PARTIAL PLAN 3
5	JOINT RECONSTRUCTION DETAILS
6	JOINT SEAL TABLE AND DECK REPAIR DETAILS
7	DECK PLATING DETAILS

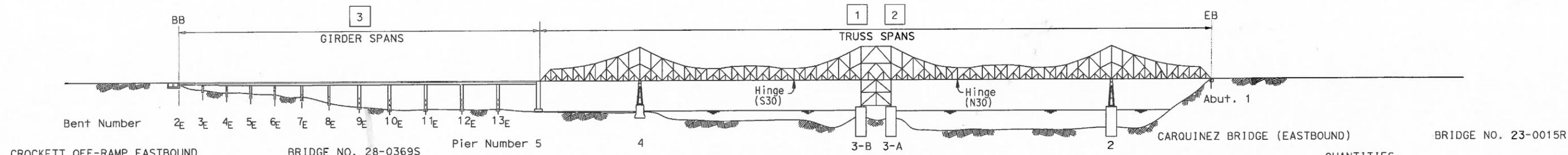
LEGEND:

- INDICATES EXISTING STRUCTURE
- INDICATES DIRECTION OF TRAFFIC
- [Hatched Box] INDICATES LIMITS OF REMOVE CONCRETE DECK SURFACE (3/8"), PREPARE CONCRETE BRIDGE DECK SURFACE AND PLACE POLYESTER CONCRETE OVERLAY (3/4" MIN). PRIOR TO PLACING POLYESTER CONCRETE OVERLAY, REPAIR UNSOUND CONCRETE (BOTH FULL DEPTH AND PATCH). SEE "PARTIAL PLAN 1 AND 2" SHEETS.
- [Diagonal Hatched Box] INDICATES LIMITS OF PREPARE CONCRETE BRIDGE DECK SURFACE AND TREAT BRIDGE DECK. SEE "PARTIAL PLAN 3" SHEET.
- [1] REPLACE JOINT SEALS. SEE "PARTIAL PLAN 1 AND 2" SHEETS.
- [2] REPLACE STEEL FINGER JOINTS. SEE "PARTIAL PLAN 1 AND 2" SHEETS.
- [3] RECONSTRUCT CONCRETE DECK JOINTS. SEE "PARTIAL PLAN 3" SHEET.

STANDARD PLANS

SHEET No.	TITLE
A10A	ABBREVIATIONS (SHEET 1 OF 2)
RSP A10B	ABBREVIATIONS (SHEET 2 OF 2)
B6-21	JOINT SEALS (MAXIMUM MOVEMENT RATING = 2")

QUANTITIES	LUMP SUM
PUBLIC SAFETY PLAN	6,714 SQFT
PREPARE CONCRETE BRIDGE DECK SURFACE	6,714 SQFT
TREAT BRIDGE DECK	75 GAL
FURNISH BRIDGE DECK TREATMENT MATERIAL	



ELEVATION

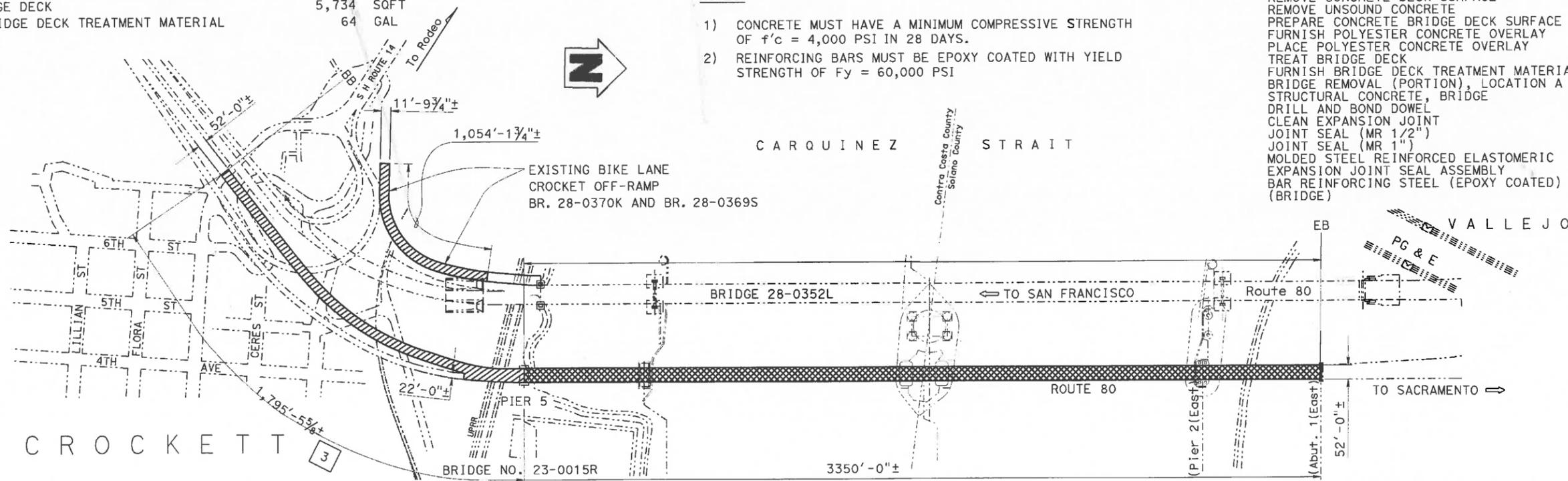
NOT TO SCALE

NOTES:

- CONCRETE MUST HAVE A MINIMUM COMPRESSIVE STRENGTH OF $f'c = 4,000$ PSI IN 28 DAYS.
- REINFORCING BARS MUST BE EPOXY COATED WITH YIELD STRENGTH OF $Fy = 60,000$ PSI

QUANTITIES	LUMP SUM
PUBLIC SAFETY PLAN	5,734 SQFT
PREPARE CONCRETE BRIDGE DECK SURFACE	5,734 SQFT
TREAT BRIDGE DECK	64 GAL
FURNISH BRIDGE DECK TREATMENT MATERIAL	

QUANTITIES	LUMP SUM
LEAD COMPLIANCE PLAN	LUMP SUM
PUBLIC SAFETY PLAN	LUMP SUM
RAPID SETTING CONCRETE (PATCH)	1,307 CF
REMOVE CONCRETE DECK SURFACE	174,200 SQFT
REMOVE UNSOUND CONCRETE	1,307 CF
PREPARE CONCRETE BRIDGE DECK SURFACE	273,770 SQFT
FURNISH POLYESTER CONCRETE OVERLAY	13,065 CF
PLACE POLYESTER CONCRETE OVERLAY	174,200 SQFT
TREAT BRIDGE DECK	99,570 SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	1,328 GAL
BRIDGE REMOVAL (PORTION), LOCATION A	LUMP SUM
STRUCTURAL CONCRETE, BRIDGE	30 CY
DRILL AND BOND DOWEL	141 LF
CLEAN EXPANSION JOINT	1,248 LF
JOINT SEAL (MR 1/2")	52 LF
JOINT SEAL (MR 1")	1,456 LF
MOLDED STEEL REINFORCED ELASTOMERIC EXPANSION JOINT SEAL ASSEMBLY	104 LF
BAR REINFORCING STEEL (EPOXY COATED) (BRIDGE)	1,820 LB



PLAN

NOT TO SCALE

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

TREAT BRIDGE DECK, OVERLAY BRIDGE DECK, REHABILITATE DECK EXPANSION JOINT AND DECK SEISMIC JOINT AND REPLACE JOINT SEAL

CARQUINEZ BRIDGE GENERAL PLAN

DESIGN BY A. KUSHKAKI	CHECKED C. LEE	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD	STATE OF CALIFORNIA	DIVISION OF MAINTENANCE	BRIDGE NO. VARIOUS
DETAILS BY B. BALLESTEROS	CHECKED A. KUSHKAKI	LAYOUT	BY B. BALLESTEROS	DEPARTMENT OF TRANSPORTATION	STRUCTURE MAINTENANCE AND INVESTIGATIONS	POST MILE VARIES
QUANTITIES BY A. KUSHKAKI	CHECKED C. LEE	SPECIFICATIONS	BY D. KLEIN			

REVISION DATES	SHEET	OF
5-14-15	1	7