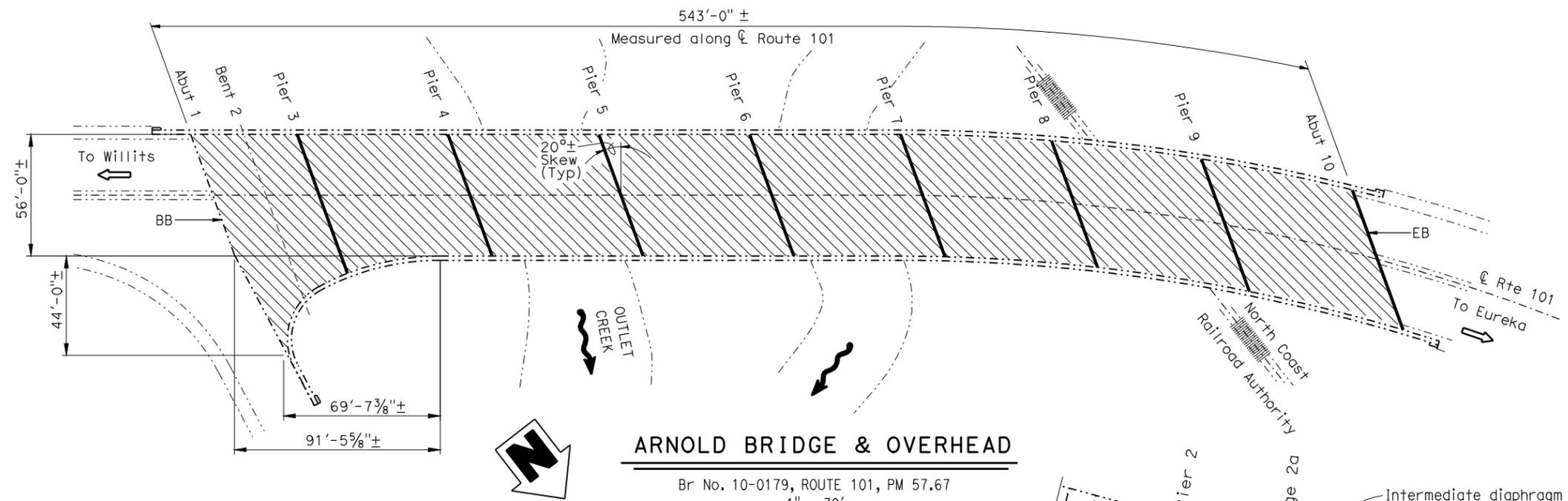


DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101,271	Var	12	24

Arlene Frank
 REGISTERED CIVIL ENGINEER 1-8-13 DATE
 February 19, 2013
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 ARLENE FRANK
 No. C 55562
 Exp. 12-31-14
 CIVIL
 STATE OF CALIFORNIA

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ARNOLD BRIDGE & OVERHEAD

Br No. 10-0179, ROUTE 101, PM 57.67
 1" = 30'

ARNOLD BRIDGE & OH #10-0179

QUANTITIES

RAPID SETTING CONCRETE (PATCH)	235	CF
REMOVE ASPHALT CONCRETE SURFACING	32,400	SQFT
REMOVE UNSOUND CONCRETE	235	CF
PREPARE CONCRETE BRIDGE DECK SURFACE	32,400	SQFT
FURNISH POLYESTER CONCRETE OVERLAY	3,280	CF
PLACE POLYESTER CONCRETE OVERLAY	32,400	SQFT
POLYESTER CONCRETE EXPANSION DAM	400	CF
CLEAN EXPANSION JOINT	500	LF
BONDED JOINT SEAL (MR 1")	500	LF

INDEX TO PLANS

SHEET NO.	TITLE
1	GENERAL PLAN NO. 1
2	GENERAL PLAN NO. 2
3	GENERAL PLAN NO. 3
4	GENERAL PLAN NO. 4
5	GENERAL PLAN NO. 5
6	GENERAL PLAN NO. 6
7	GENERAL PLAN NO. 7
8	GENERAL PLAN NO. 8
9	JOINT SEAL DETAILS NO.1
10	JOINT SEAL DETAILS NO.2
11	EXPANSION DAM AND JOINT SEAL DETAILS
12	MISCELLANEOUS DETAILS NO.1
13	MISCELLANEOUS DETAILS NO.2

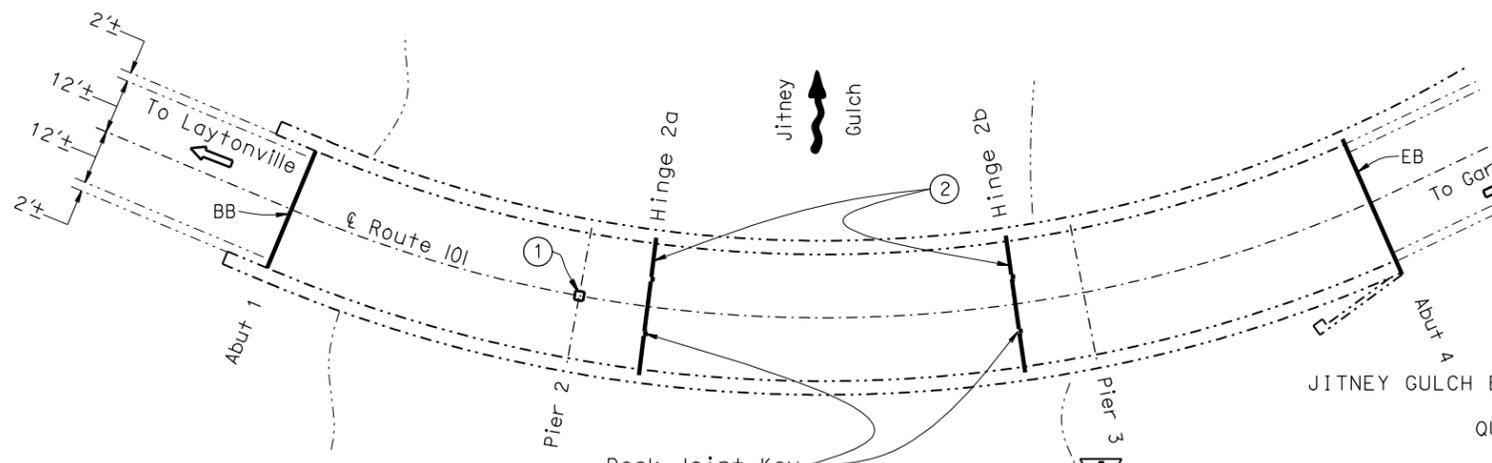
STANDARD PLANS DATED 2010

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

NOTES: (APPLY TO THIS SHEET ONLY)

- Indicates existing.
- Indicates limits of clean expansion joint and placement of new joint seal.
- ▨ Indicates limits of remove 3 1/2" ± AC overlay and 7 1/2" ± depth reinforced polyester concrete expansion dam 1'-0" ± each side of the joint. For details see "EXPANSION DAM AND JOINT SEAL DETAILS" sheet. Prepare concrete bridge deck, place new 1" polyester concrete overlay, and place polyester concrete expansion dam. Prior to prepare bridge deck remove unsound concrete and patch with rapid setting concrete.
- ① Remove concrete deck, 1'-2 1/2" long x 10" wide x 1'-2" ± depth. Install new steelbent clip plates. See "SECTION A-A" on "MISCELLANEOUS DETAILS NO. 1" sheet.
- ② Remove existing 1/4" Dia. bolt (total 2 per girder) and install new 1/4" Dia. bolt. Bolts shall be aligned vertical, existing holes may be adjusted to obtain alignment. For details see "HINGE ELEVATION" on "MISCELLANEOUS DETAILS NO. 1" sheet.

1 REVISED PER ADDENDUM NO. 1 DATED APRIL 24, 2013



JITNEY GULCH PART GIRDER LAYOUT

1" = 10'

JITNEY GULCH BRIDGE #10-0053

JITNEY GULCH

Br No. 10-0053, ROUTE 101, PM 93.01
 1" = 20'

QUANTITIES

BRIDGE REMOVAL (PORTION), LOCATION A	LUMP SUM
CLEAN EXPANSION JOINT	124 LF
JOINT SEAL (MR 1/2")	62 LF
BONDED JOINT SEAL (MR 1")	62 LF
STRUCTURAL STEEL (BRIDGE)	150 LB
CLEAN AND PAINT STRUCTURAL STEEL	LUMP SUM
SPOT BLAST CLEAN AND PAINT UNDERCOAT	14 SQFT
WORK AREA MONITORING	LUMP SUM

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

 DESIGN ENGINEER 12-10-12	DESIGN	BY A. Frank	CHECKED O. Vo	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD
	DETAILS	BY N. Kelley	CHECKED O. Vo	LAYOUT	BY N. Kelley
	QUANTITIES	BY A. Frank	CHECKED O. Vo	SPECIFICATIONS	BY Dave Klein

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
STRUCTURE MAINTENANCE DESIGN

BRIDGE NO. VARIOUS
 POST MILE VARIES

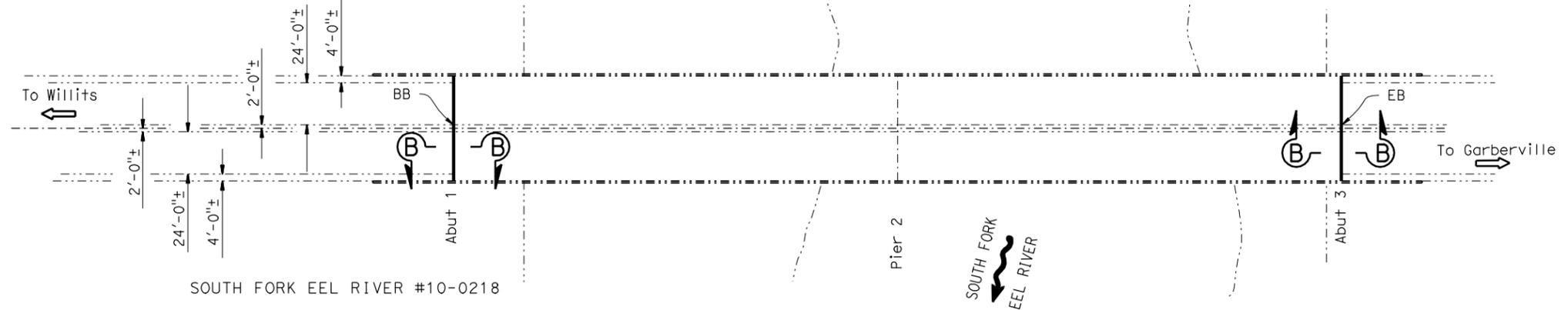
ROUTE 101 & 271 BRIDGES
GENERAL PLAN NO. 1

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Men	101,271	Var	15	24

Arlene Frank
 REGISTERED CIVIL ENGINEER
 DATE 1-8-13
 February 19, 2013
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 ARLENE FRANK
 No. C 55562
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SOUTH FORK EEL RIVER #10-0218

QUANTITIES

BRIDGE REMOVAL (PORTION), LOCATION B	LUMP SUM	15	CY
STRUCTURAL CONCRETE, BRIDGE		120	LF
DRILL AND BOND DOWEL		122	LF
CLEAN EXPANSION JOINT		122	LF
JOINT SEAL (MR 2")		122	LF
BAR REINFORCING STEEL (BRIDGE)		1,340	LB

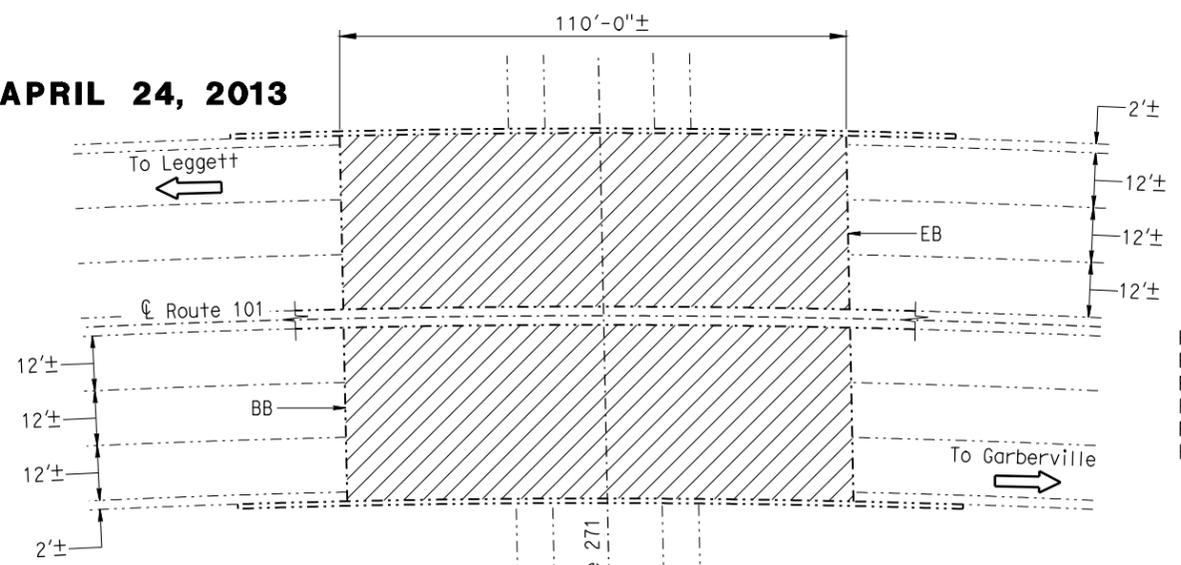
SOUTH FORK EEL RIVER

Br No. 10-0218, ROUTE 101, PM R106.57
1" = 40'

NOTES: (APPLY TO THIS SHEET ONLY)

- Indicates existing.
 - Indicates limits of clean existing expansion joint and placement of new joint seal.
 - ▨ Indicates limits of remove 1"± AC overlay, prepare concrete bridge deck and place 1" polyester concrete overlay. Prior to prepare bridge deck remove unsound concrete and patch with rapid setting concrete. See "DECK DETAILS NO. 2" sheet.
- For SECTION B-B see "JOINT SEAL DETAILS NO.1" sheet

1 REVISED PER ADDENDUM NO. 1 DATED APRIL 24, 2013



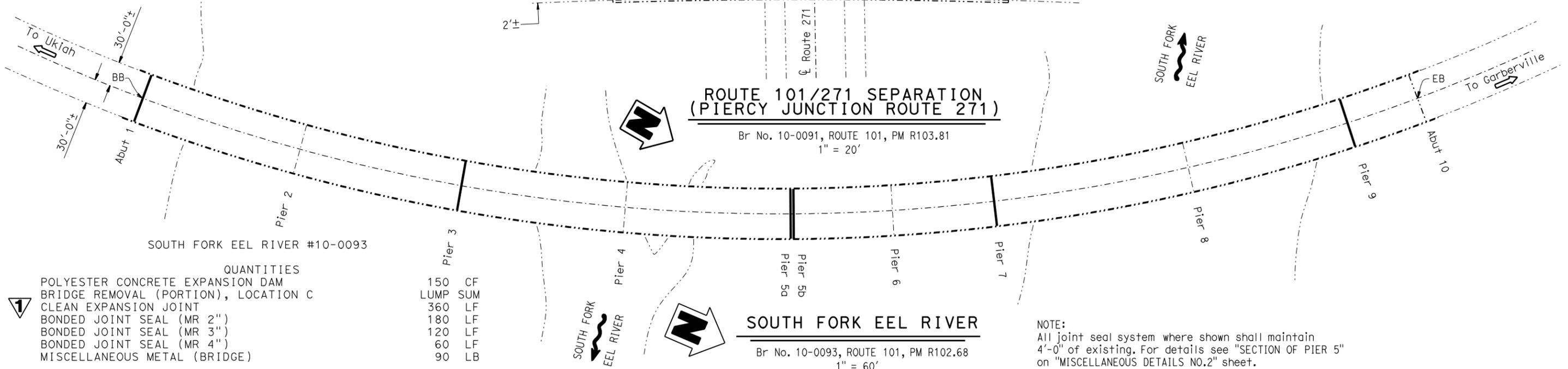
ROUTE 101/271 SEPARATION (PIERCY JUNCTION ROUTE 271)

Br No. 10-0091, ROUTE 101, PM R103.81
1" = 20'

ROUTE 101/271 SEP #10-0091

QUANTITIES

RAPID SETTING CONCRETE (PATCH)	65	CF
REMOVE ASPHALT CONCRETE SURFACING	8,880	SQFT
REMOVE UNSOUND CONCRETE	65	CF
PREPARE CONCRETE BRIDGE DECK SURFACE	8,880	SQFT
FURNISH POLYESTER CONCRETE OVERLAY	890	CF
PLACE POLYESTER CONCRETE OVERLAY	8,880	SQFT



SOUTH FORK EEL RIVER #10-0093

QUANTITIES

POLYESTER CONCRETE EXPANSION DAM	150	CF	
BRIDGE REMOVAL (PORTION), LOCATION C	LUMP SUM	360	LF
CLEAN EXPANSION JOINT		180	LF
BONDED JOINT SEAL (MR 2")		120	LF
BONDED JOINT SEAL (MR 3")		60	LF
BONDED JOINT SEAL (MR 4")		90	LB

SOUTH FORK EEL RIVER

Br No. 10-0093, ROUTE 101, PM R102.68
1" = 60'

NOTE:
All joint seal system where shown shall maintain 4'-0" of existing. For details see "SECTION OF PIER 5" on "MISCELLANEOUS DETAILS NO.2" sheet.

 DESIGN ENGINEER 12-10-12	DESIGN	BY A. Frank	CHECKED Q. Vo	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	BRIDGE NO.	ROUTE 101 & 271 BRIDGES GENERAL PLAN NO. 4	
	DETAILS	BY N. Kelley	CHECKED Q. Vo	LAYOUT	BY N. Kelley		CHECKED Q. Vo		VARIOUS
	QUANTITIES	BY A. Frank	CHECKED Q. Vo	SPECIFICATIONS	BY Dave Klein		PLANS AND SPECS COMPARED Dave Klein		VARIES

STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 09-01-10)
 ORIGINAL SCALE IN INCHES FOR REDUCED PLANS
 UNIT: 3488
 PROJECT NUMBER & PHASE: 0100020281
 CONTRACT NO.: 01-0A4201
 DISREGARD PRINTS BEARING EARLIER REVISION DATES
 REVISION DATES: 3-12, 12-27-12, 1-28-13, 4-23-13
 SHEET 4 OF 13
 FILE => 01-0a4201_04gp.dgn

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	101,271	Var	18	24

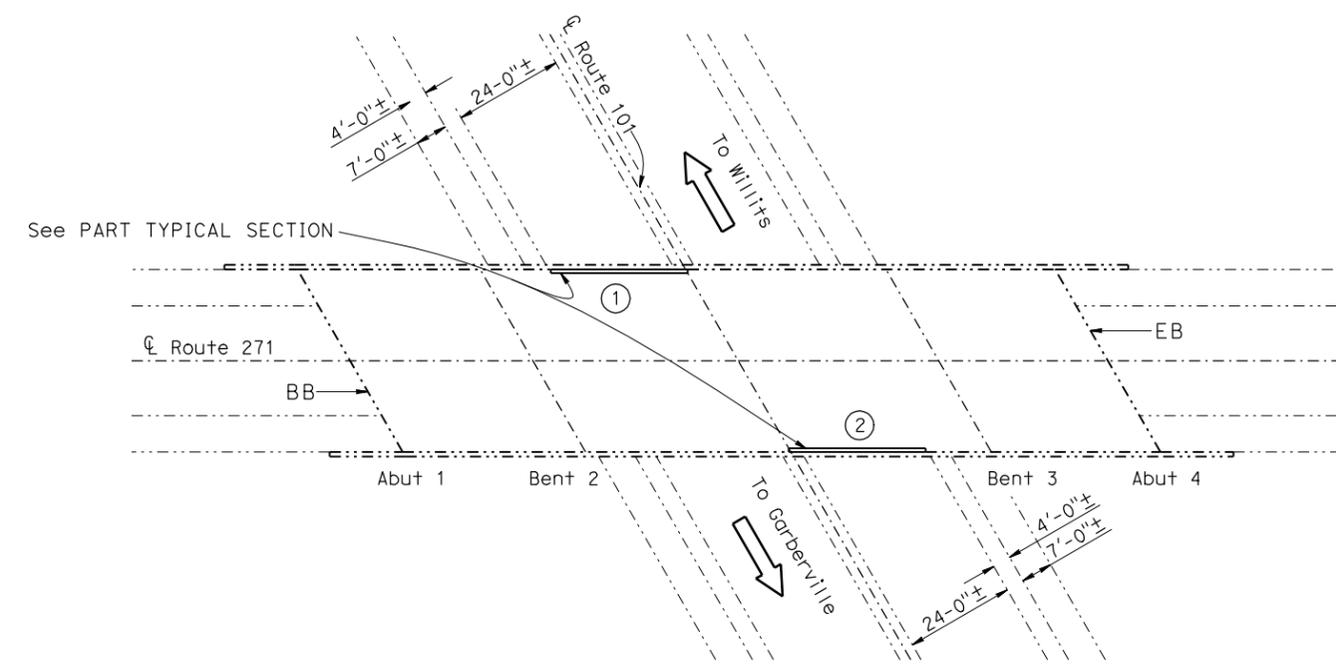
Arlene Frank
 REGISTERED CIVIL ENGINEER
 DATE 1-8-13
 February 19, 2013
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 No. C 55562
 Exp. 12-31-14
 CIVIL
 STATE OF CALIFORNIA

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NOTES: (APPLY TO THIS SHEET ONLY)

- ① ② Repair spalled surface areas.



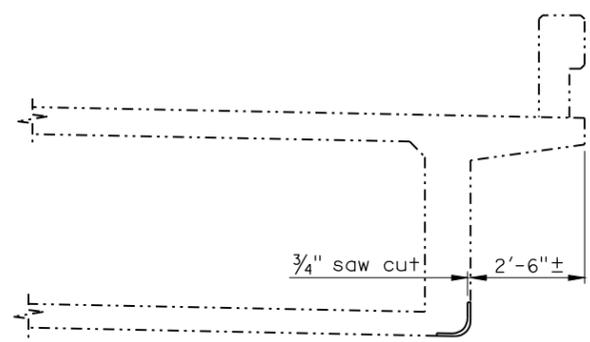
#	LOCATION	DIMENSION (ft)	DEPTH (IN)
①	Left edge of exterior girder	27.7± x 0.75±	2±
②	Right edge of exterior girder	27.7± x 0.75±	2±

NOTE:
 - - - - - Indicates existing.
 For details see "SPALL REPAIR DETAILS" on JOINT SEAL DETAILS NO.1 sheet.

ROUTE 271/101 SEPARATION
 BR NO. 10-0135, ROUTE 271, Men, PM 5.58
 1"=20'

ROUTE 271/101 SEP #10-0135	QUANTITIES
① REPAIR SPALLED SURFACE AREA	42 SQFT

① REVISED PER ADDENDUM NO. 1 DATED APRIL 24, 2013



PART TYPICAL SECTION

NOTE:
 Right part typical section shown left part typical section is similar.

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

 DESIGN ENGINEER 12-10-12	DESIGN	BY A. Frank	CHECKED Q. Vo	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	BRIDGE NO.	ROUTE 101 & 271 BRIDGES GENERAL PLAN NO. 7	
	DETAILS	BY N. Kelley	CHECKED Q. Vo	LAYOUT	BY N. Kelley		CHECKED Q. Vo		VARIOUS
	QUANTITIES	BY A. Frank	CHECKED Q. Vo	SPECIFICATIONS	BY Dave Klein	PLANS AND SPECS COMPARED Dave Klein	POST MILE		
STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 09-01-10)						ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	UNIT: 3488	CONTRACT NO.: 01-0A4201	DISREGARD PRINTS BEARING EARLIER REVISION DATES
						PROJECT NUMBER & PHASE: 0100020281	REVISION DATES	SHEET 7	OF 13

FILE => 01-0a4201_07gp.dgn

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