

**NOTE:**

- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.
- FOR STRUCTURE INFORMATION SEE GENERAL PLAN AND MISCELLANEOUS DETAILS.

**LEGEND:**

 COLD PLANE AC PAVEMENT

**PAVEMENT CLIMATE REGION**

INLAND VALLEY

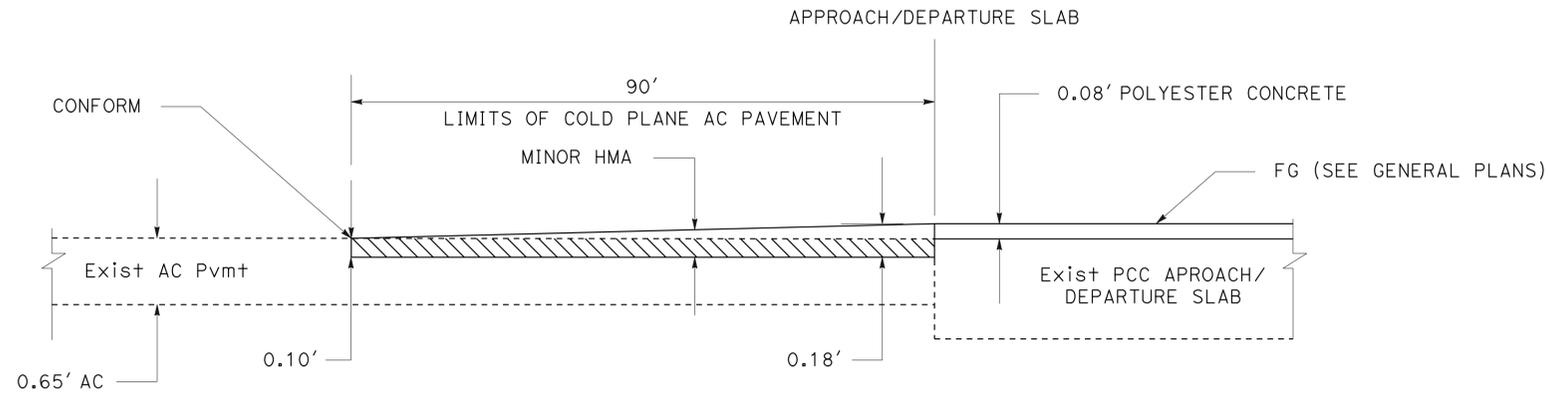
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Yol	5, 113	Var	2	20

James M. Ferreira 2-9-15  
 REGISTERED CIVIL ENGINEER DATE

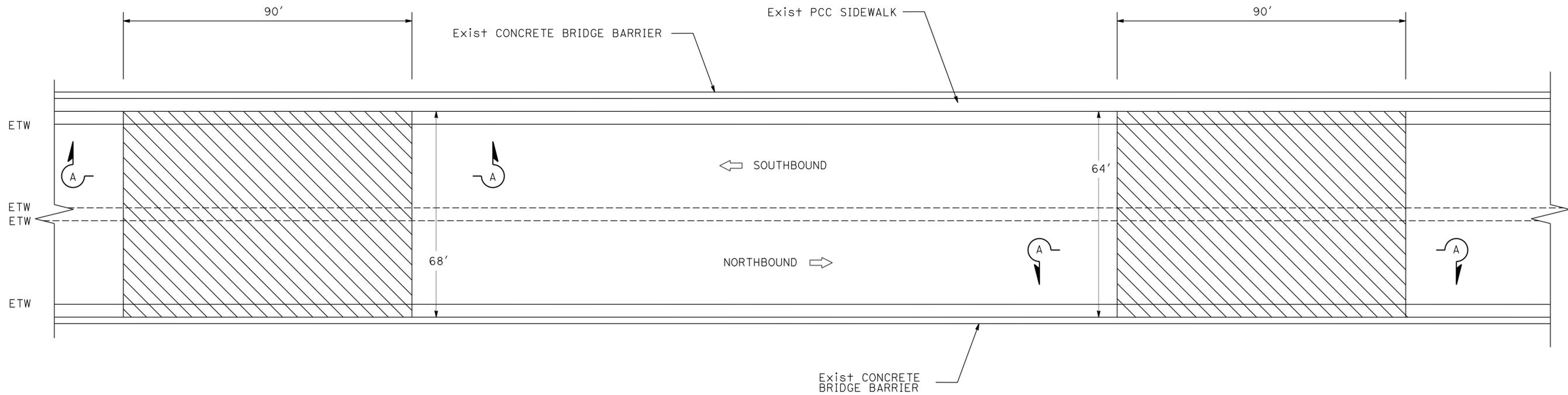
2-9-15  
 PLANS APPROVAL DATE

**JIM FERREIRA**  
 No. C48257  
 Exp. 6-30-16  
 CIVIL

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



SECTION A-A  
**BRIDGE CONFORM DETAIL (Typ)**



**PAVEMENT CONFORM AT BRIDGE APPROACH**

PM 5.53 COUNTY ROAD 102 OVERCROSSING BRIDGE NUMBER 22-0144

**CONSTRUCTION DETAILS**

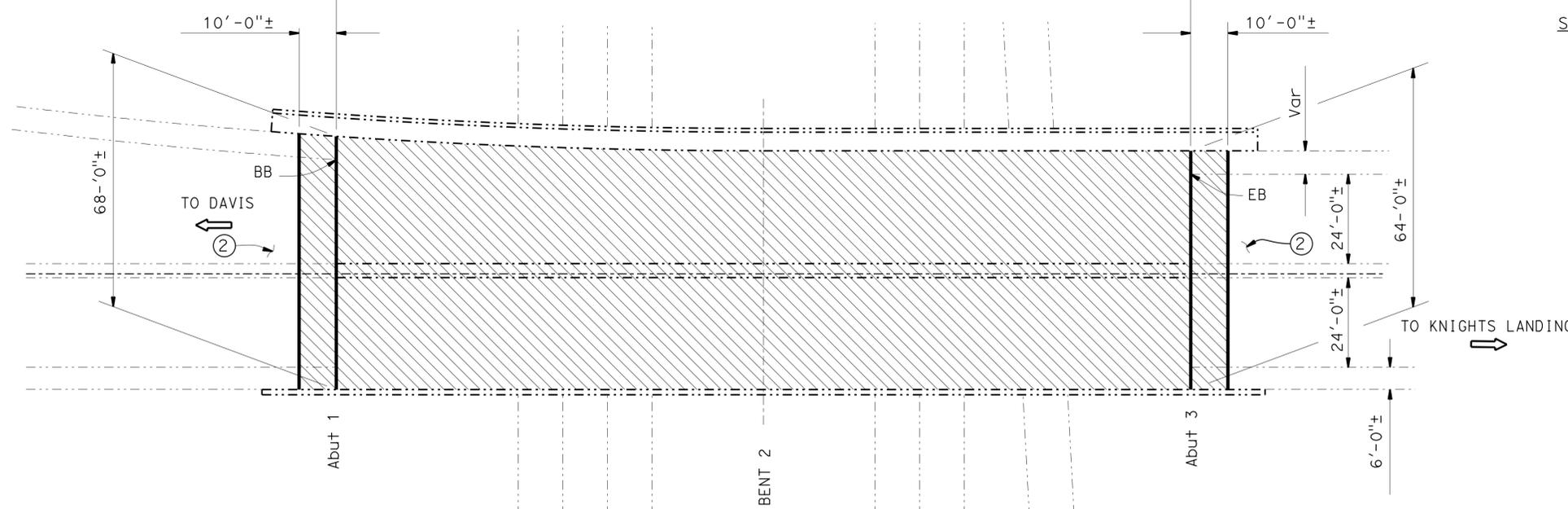
NO SCALE

**C-1**

**1 REPLACED PER ADDENDUM No. 1 DATED AUGUST 10, 2015**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	DESIGNED BY	REVISOR
<b>Caltrans</b> MAINTENANCE DESIGN	RONALD S. SYKES	JIM FERREIRA	RONALD S. SYKES
	CHECKED BY	DATE	REVISION

229'-10"±



### 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	JOINT SEAL DETAILS NO. 1
9	JOINT SEAL DETAILS NO. 2

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Yol	5, 113	Var	12	20

*Peter B. Kang* 1-16-15  
REGISTERED CIVIL ENGINEER DATE

2-9-15  
PLANS APPROVAL DATE

PETER B. KANG  
No. C 70336  
Exp. 9-30-16  
CIVIL  
STATE OF CALIFORNIA

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#### NOTES: (APPLY TO THIS SHEET ONLY)

- Indicates limits of remove existing 1 1/2"± AC overlay.
- Indicates limits of remove unsound concrete, place rapid setting concrete patches, prepare concrete deck surface, and place 1 1/2" minimum depth polyester concrete overlay. For details, see the "JOINT SEAL DETAILS NO. 1" sheet.
- Indicates limits of clean expansion joint and install new joint seal. For details, see "JOINT SEAL DETAILS NO. 1" sheet.
- Indicates limits of remove existing asphaltic plug joint seal and place new joint seal. For details, see "JOINT SEAL DETAILS NO. 1" sheet.
- \* Indicates 1"± at Br. No. 22-0144, County Road 102 OC
- ① Remove 1" depth AC overlay on approach slab and place 1" depth polyester concrete expansion dam. For details, see "SECTION B-B" on "JOINT SEAL DETAILS NO. 2" sheet.
- ② Conform roadway to new deck elevation, see "ROAD PLANS".

#### QUANTITIES

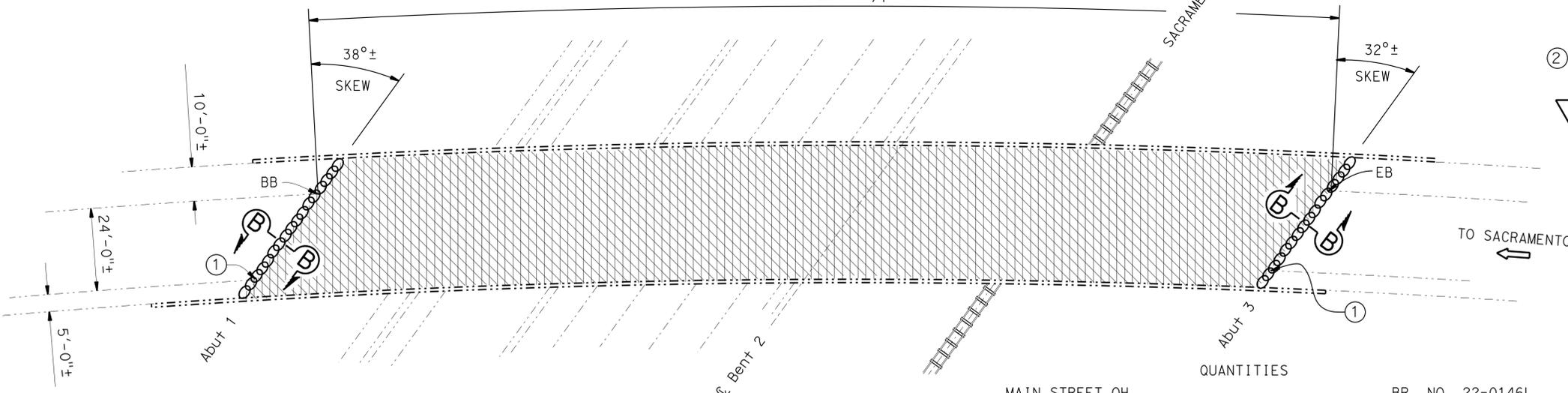
DESCRIPTION	QUANTITY	UNIT
COUNTY RD 102 OC		
RAPID SETTING CONCRETE (PATCH)	41	CF
REMOVE UNSOUND CONCRETE	41	CF
PREPARE CONCRETE BRIDGE DECK SURFACE	16,260	SQFT
FURNISH POLYESTER CONCRETE OVERLAY	1,626	CF
PLACE POLYESTER CONCRETE OVERLAY	16,260	SQFT
CLEAN EXPANSION JOINT	134	LF
JOINT SEAL (MR 1")	134	LF

### COUNTY ROAD 102 OVERCROSSING

Br No. 22-0144, Yol, ROUTE 5, PM 5.53  
1"=20'



289'-3 3/4"±



#### QUANTITIES

DESCRIPTION	QUANTITY	UNIT
MAIN STREET OH		
RAPID SETTING CONCRETE (PATCH)	28	CF
REMOVE ASPHALT CONCRETE SURFACING	11,283	SQFT
REMOVE UNSOUND CONCRETE	28	CF
POLYESTER CONCRETE EXPANSION DAM	8	CF
PREPARE CONCRETE BRIDGE DECK SURFACE	11,283	SQFT
FURNISH POLYESTER CONCRETE OVERLAY	1,693	CF
PLACE POLYESTER CONCRETE OVERLAY	11,283	SQFT
CLEAN EXPANSION JOINT	98	LF
BONDED JOINT SEAL (MR 1")	47	LF
BONDED JOINT SEAL (MR 1 1/2")	51	LF

### MAIN STREET OVERHEAD

Br No. 22-0146L, Yol, ROUTE 5, PM R6.51  
1"=20'



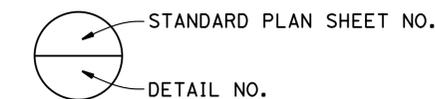
## REPLACED PER ADDENDUM No. 1 DATED AUGUST 10, 2015

#### NOTES: (APPLY TO ALL SHEETS)

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

#### STANDARD PLANS DATED 2010

SHEET NO.	TITLE
A10A	ABBREVIATIONS (SHEET 1 OF 2)
RSP A10B	ABBREVIATIONS (SHEET 2 OF 2)
B0-5	BRIDGE DETAILS
B6-21	JOINT SEALS (MAXIMUM MOVEMENT RATING = 2")



*Matthew Lee* 1-16-15  
DESIGN ENGINEER

DESIGN	BY PETER KANG	CHECKED A. NOJOURI	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD
DETAILS	BY DAVID KISH	CHECKED A. NOJOURI	LAYOUT	BY DAVID KISH
QUANTITIES	BY PETER KANG	CHECKED A. NOJOURI	SPECIFICATIONS	BY TANYA KERSHELL

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE  
STRUCTURE MAINTENANCE DESIGN

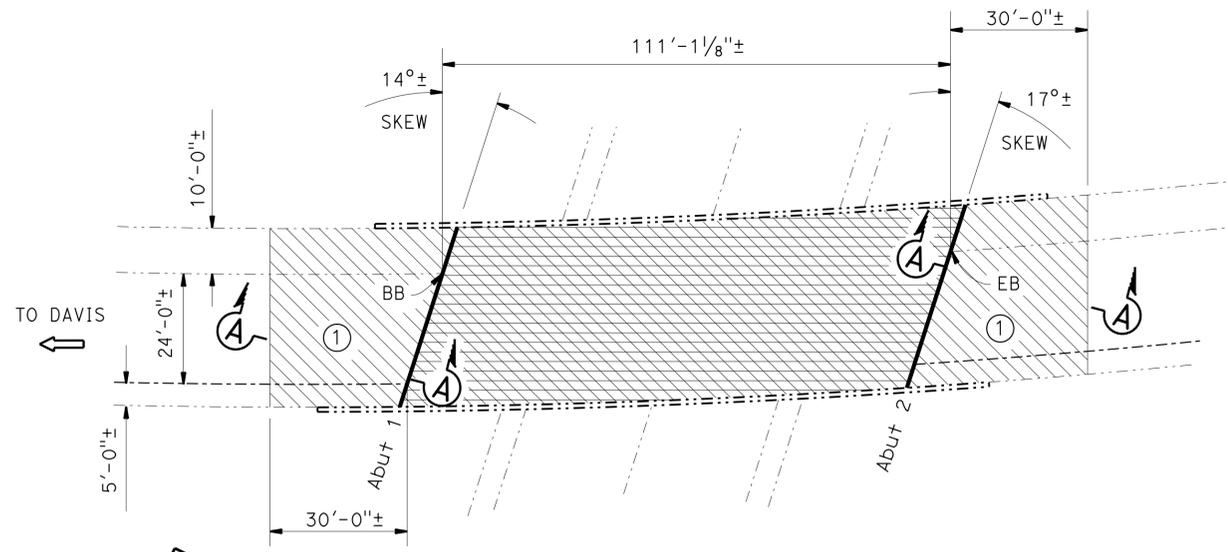
BRIDGE NO. VARIOUS  
POST MILE VARIES

### ROUTES 5 & 113 GENERAL PLAN NO. 1

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Yol	5, 113	Var	14	20
 REGISTERED CIVIL ENGINEER DATE 1-16-15					
PLANS APPROVAL DATE 2-9-15					
<small>The State of California or its officers or agents shall not be responsible for the accuracy or completeness of scanned copies of this plan sheet.</small>					

NOTES: (APPLY TO THIS SHEET ONLY)

-  Indicates limits of remove existing 1"± polymer chip seal overlay.
-  Indicates limits of remove unsound concrete, place rapid setting concrete patches, prepare concrete deck surface, and place 1" minimum depth polyester concrete overlay. For details, see the "JOINT SEAL DETAILS NO. 1" sheet.
-  Indicates limits of remove existing 3/4"± chip seal overlay
-  Indicates limits of clean expansion joint and install new joint seal. For details, see "JOINT SEAL DETAILS NO. 1" sheet.
-  Indicates limits of grind existing concrete approach to conform to existing pavement for detail, see "SECTION A-A" on "JOINT SEAL DETAILS NO. 2" sheet.



**S5 - S113 CONNECTOR UNDERCROSSING**

Br No. 22-0174F, Yol, ROUTE 5, PM R7.11  
1"=20'

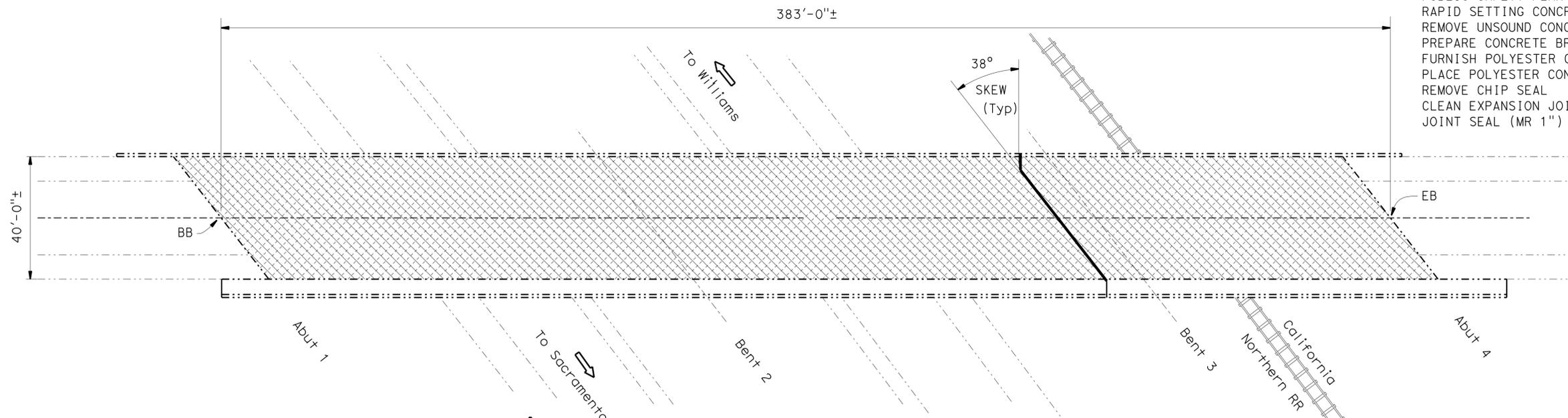
QUANTITIES

S5-S113 CONNECTOR UC	BR. NO. 22-0174F
PUBLIC SAFETY PLAN	LUMP SUM
RAPID SETTING CONCRETE (PATCH)	18 CF
REMOVE CHIP SEAL	4,333 SQFT
REMOVE UNSOUND CONCRETE	18 CF
PREPARE CONCRETE BRIDGE DECK SURFACE	7,138 SQFT
FURNISH POLYESTER CONCRETE OVERLAY	714 CF
PLACE POLYESTER CONCRETE OVERLAY	7,138 SQFT
GRIND EXISTING BRIDGE DECK	312 SQYD
CLEAN EXPANSION JOINT	82 LF
JOINT SEAL (MR 1/2")	82 LF

**1 REPLACED PER ADDENDUM No. 1 DATED AUGUST 10, 2015**

QUANTITIES

EAST KENTUCKY AVE OC	BR. NO. 22-0148
PUBLIC SAFETY PLAN	LUMP SUM
RAPID SETTING CONCRETE (PATCH)	38 CF
REMOVE UNSOUND CONCRETE	38 CF
PREPARE CONCRETE BRIDGE DECK SURFACE	15,320 SQFT
FURNISH POLYESTER CONCRETE OVERLAY	1,532 CF
PLACE POLYESTER CONCRETE OVERLAY	15,320 SQFT
REMOVE CHIP SEAL	15,320 SQFT
CLEAN EXPANSION JOINT	52 LF
JOINT SEAL (MR 1")	52 LF



**EAST KENTUCKY AVENUE OVERCROSSING**

Br No. 22-0148, Yol, ROUTE 5, PM R7.70  
1"=20'

  
DESIGN ENGINEER 1-16-15

DESIGN	BY PETER KANG	CHECKED A. NOJOURI	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD
DETAILS	BY DAVID KISH	CHECKED A. NOJOURI	LAYOUT	BY DAVID KISH
QUANTITIES	BY PETER KANG	CHECKED A. NOJOURI	SPECIFICATIONS	BY TANYA KERSHELL

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF MAINTENANCE  
STRUCTURE MAINTENANCE DESIGN

BRIDGE NO.	VARIOUS
POST MILE	VARIES

**ROUTES 5 & 113  
GENERAL PLAN NO. 3**

STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 09-01-10)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS



UNIT: 3488  
PROJECT NUMBER & PHASE: 0314000029

CONTRACT NO.: 03-060501

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES	SHEET	OF
10-23-14 11-18-14	3	8

1

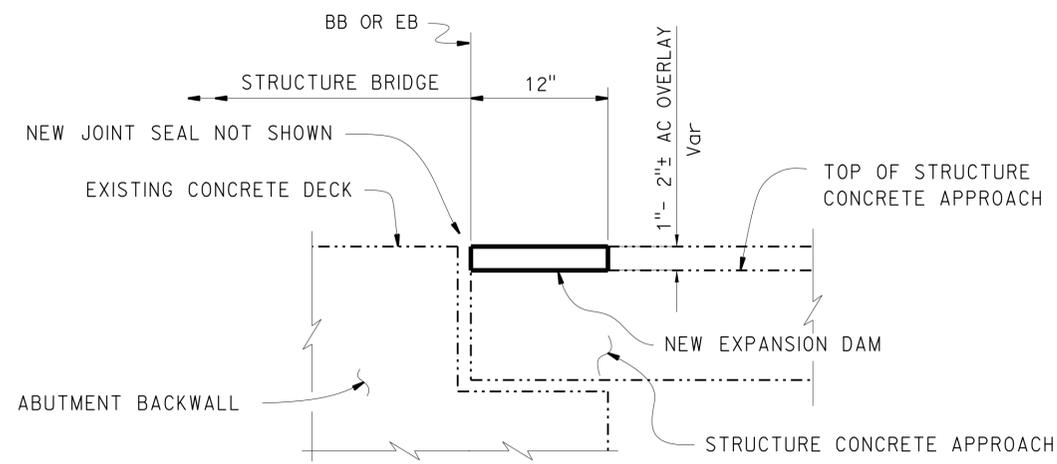
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Yol	5, 113	Var	20	20

*Peter B. Kang* 1-16-15  
 REGISTERED CIVIL ENGINEER DATE

2-9-15  
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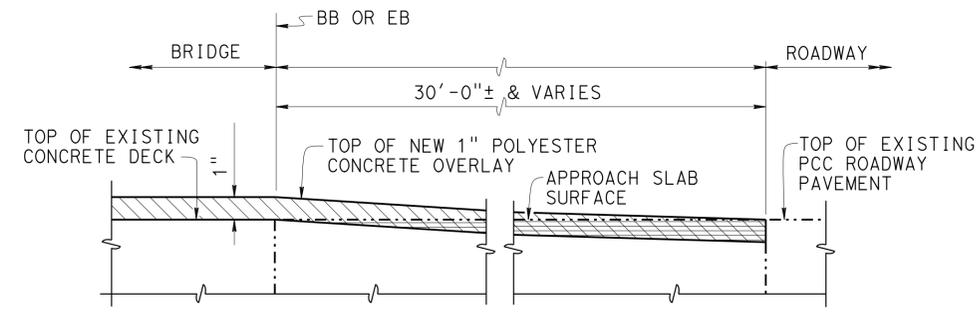
PETER B. KANG  
 No. C 70336  
 Exp. 9-30-16  
 CIVIL  
 STATE OF CALIFORNIA

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**SECTION B-B**  
 No Scale

- NOTES: (APPLY TO THIS SHEET ONLY)
- Indicates limits of grind existing bridge deck.
  - Indicates limits of prepare concrete bridge deck surface and place new 1" minimum depth polyester concrete overlay.



**SECTION A-A**  
 No Scale

**1** REPLACED PER ADDENDUM No. 1 DATED AUGUST 10, 2015

DESIGN	BY PETER KANG	CHECKED A. NOJOURI
DETAILS	BY DAVID KISH	CHECKED A. NOJOURI
QUANTITIES	BY PETER KANG	CHECKED A. NOJOURI

STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE  
 STRUCTURE MAINTENANCE DESIGN

BRIDGE NO.	VARIOUS
POST MILE	VARIES

ROUTES 5 & 113  
**JOINT SEAL DETAILS NO. 2**