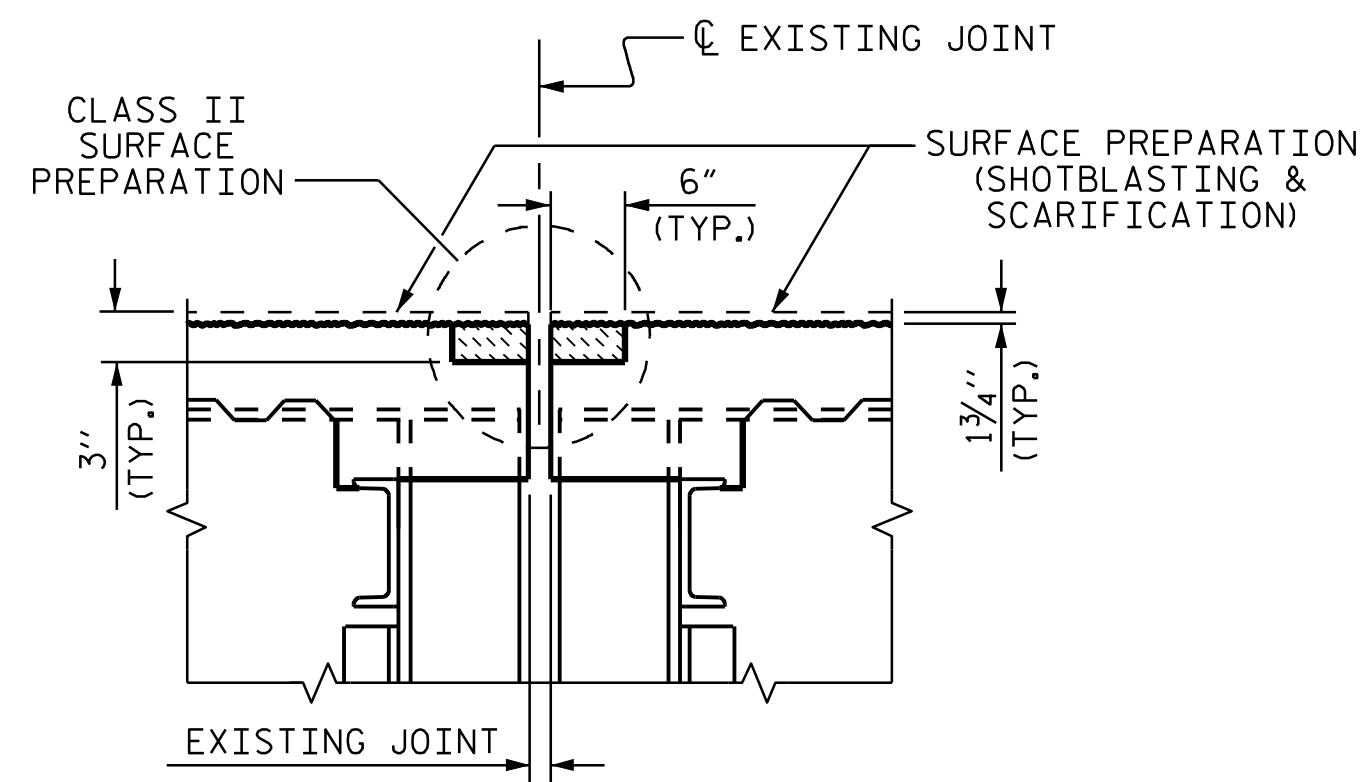
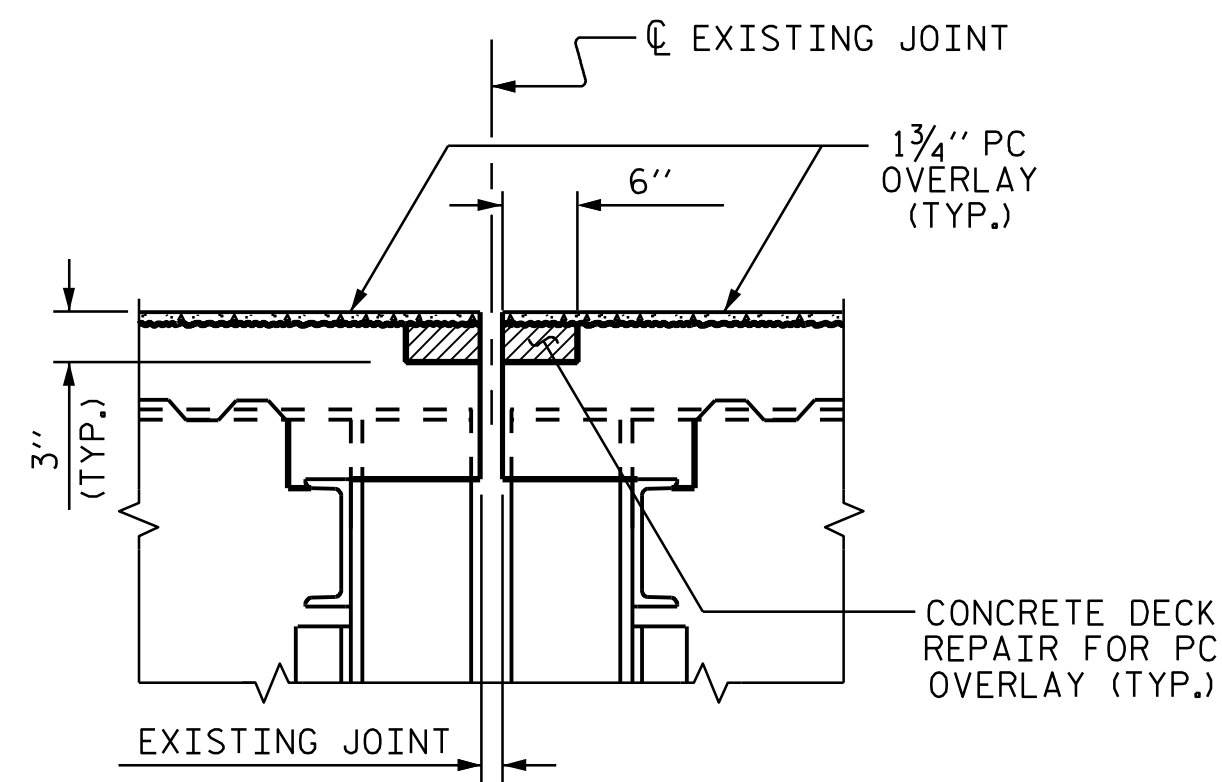


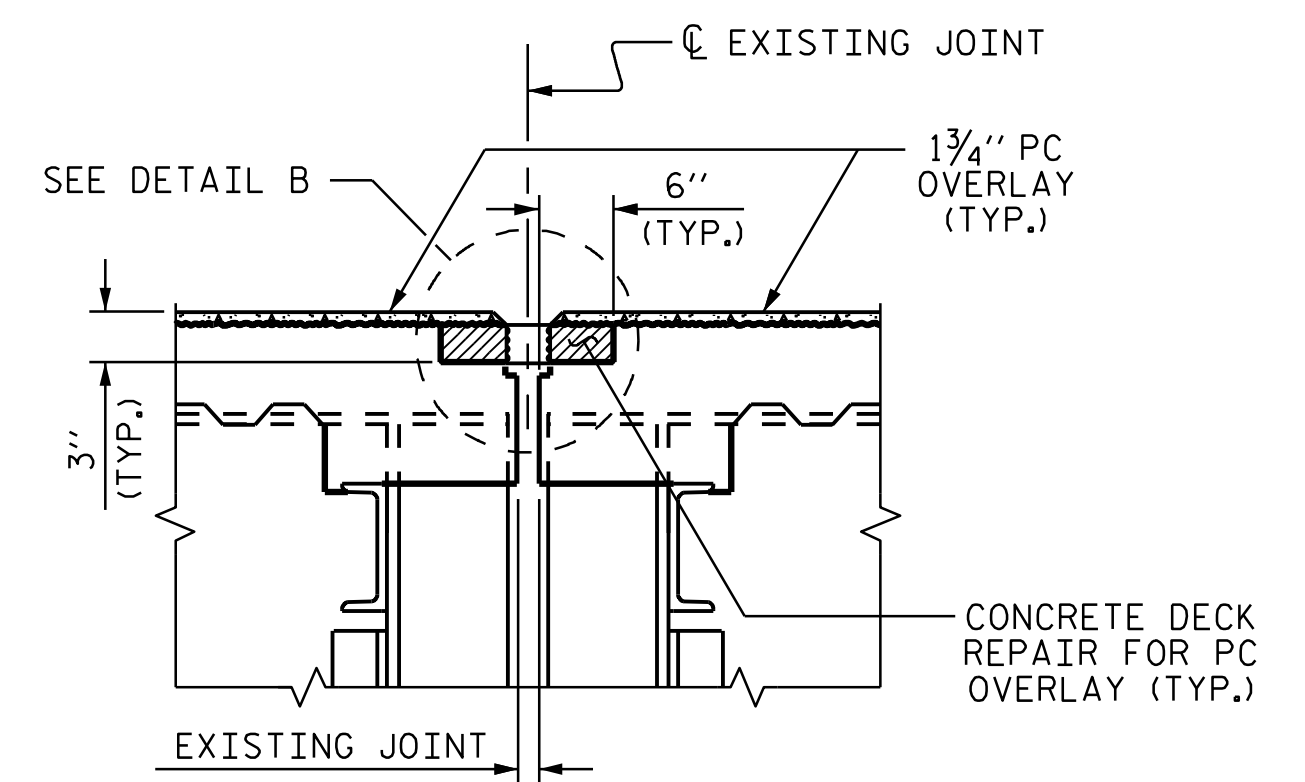
EXISTING JOINT



PROPOSED JOINT PREPARATION
(MINIMUM EXISTING JOINT DEMOLITION)

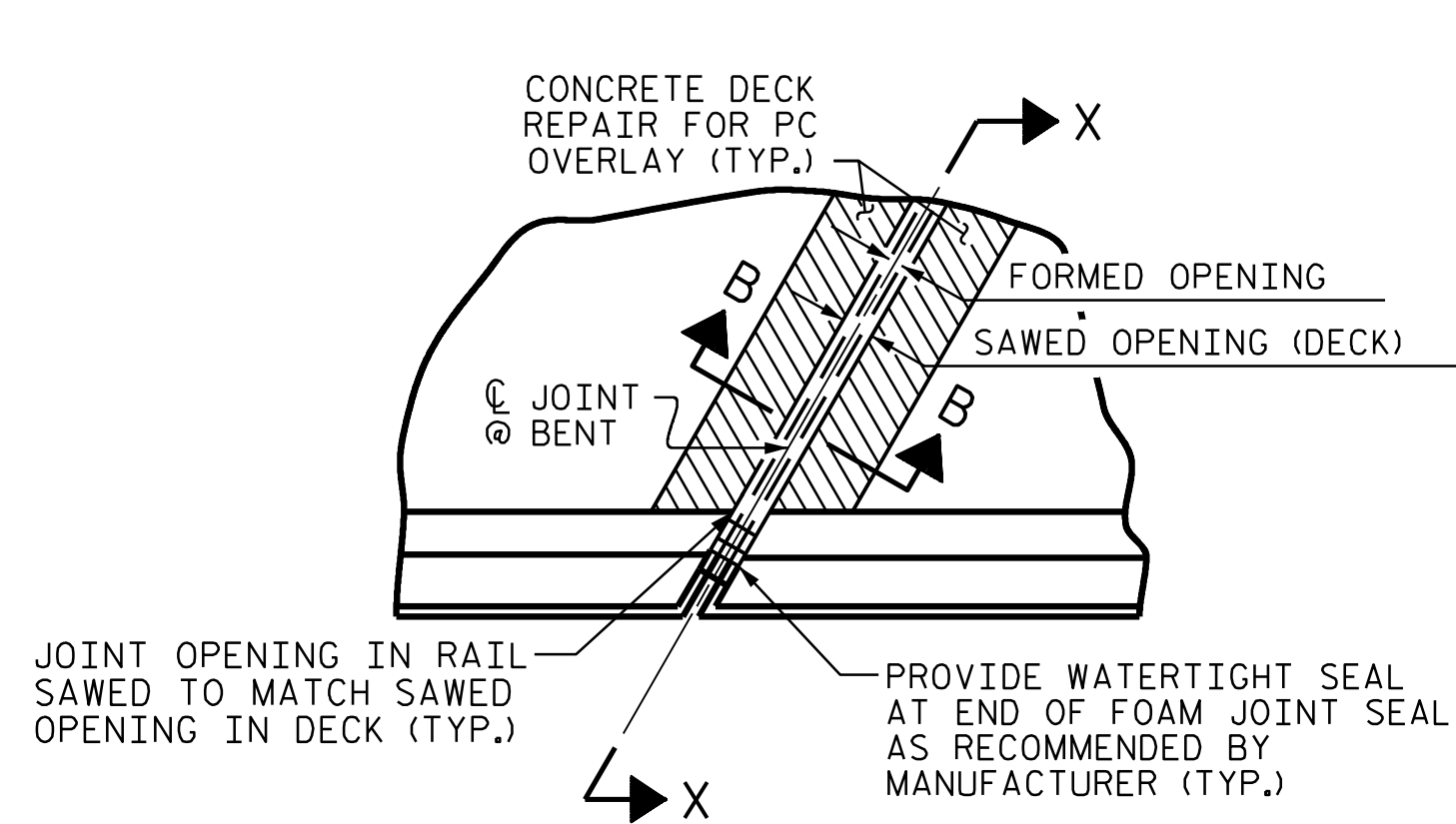


PROPOSED JOINT PRESAWED



PROPOSED FOAM JOINT

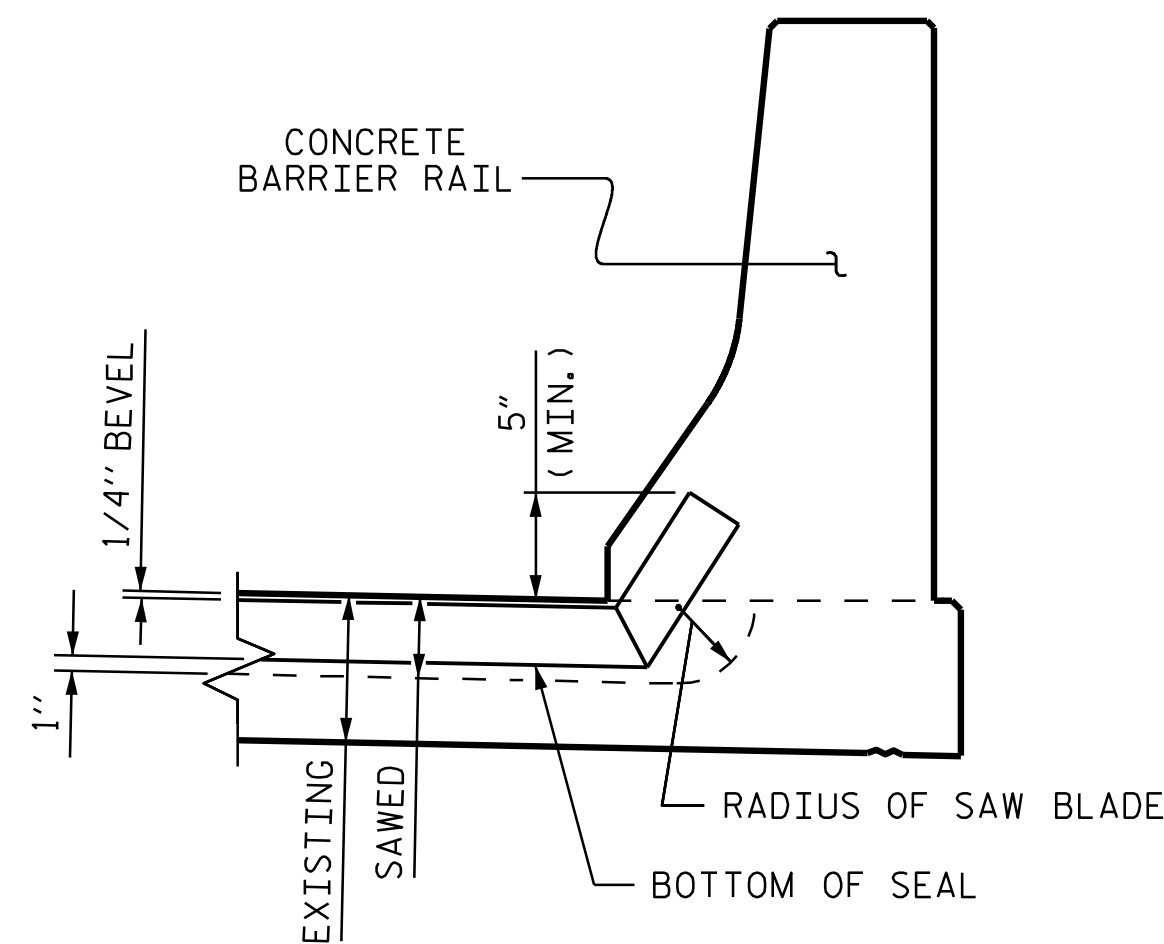
JOINT INSTALLATION SEQUENCE AT BENTS (SECTION B-B)



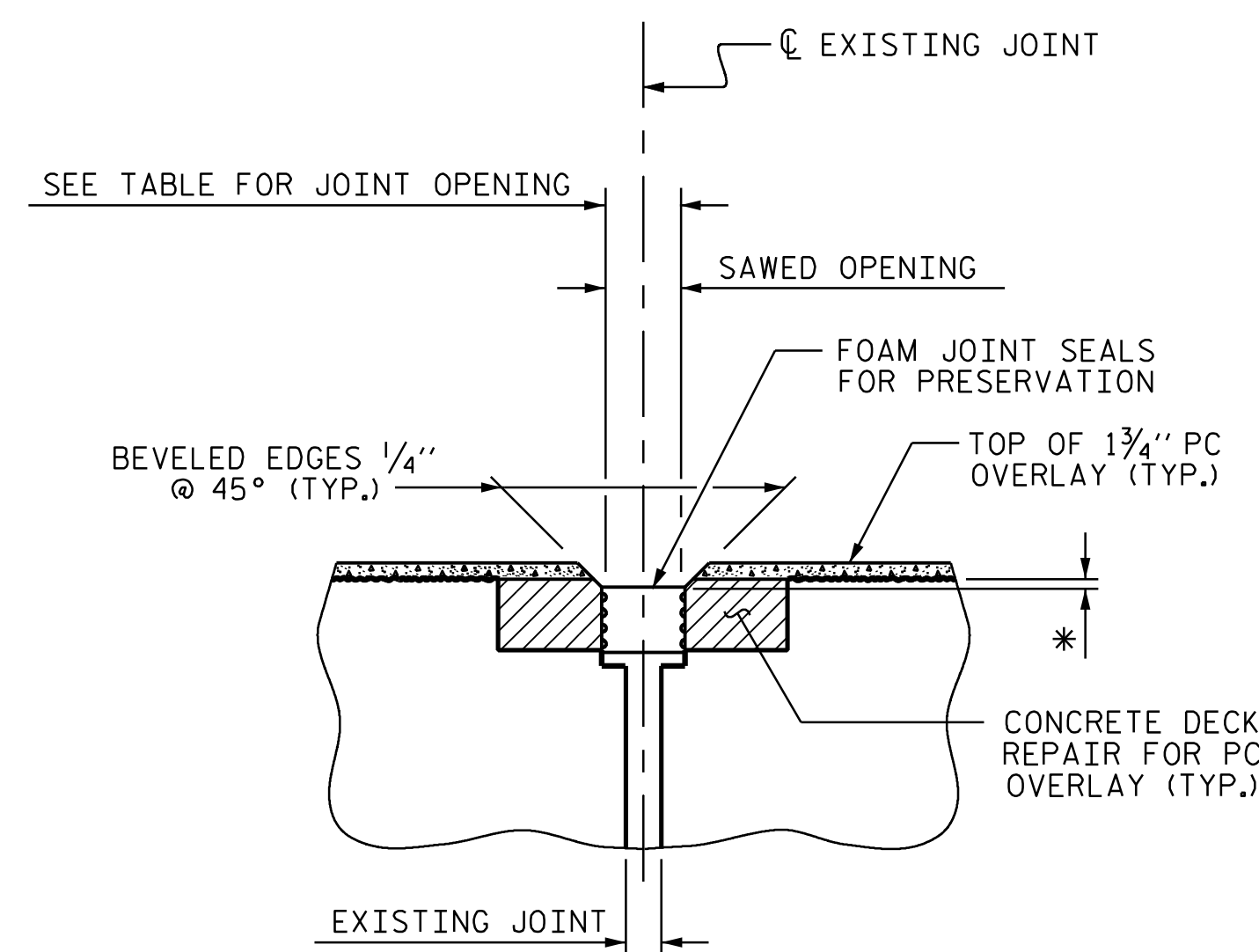
PLAN

JOINT SEAL DETAILS @ BENT

FOAM JOINT SEAL TO BE CUT, HEAT WELDED AND TURNED UP PARALLEL TO SLOPED FACE OF THE SIDEWALK.



SECTION X-X



DETAIL B
(PROPOSED)

* FOAM JOINT SEALS FOR PRESERVATION SHALL BE RECESSED AS PER MANUFACTURER'S RECOMMENDATIONS.

JOINT REPAIR QUANTITY		
	ESTIMATED (LIN. FT.)	ACTUAL (LIN. FT.)
FOAM JOINT SEALS FOR PRESERVATION	393.8	

SAWED JOINT OPENING TABLE				
LOCATION	SKREW ANGLE	PERPENDICULAR JOINT OPENING AT 45°	PERPENDICULAR JOINT OPENING AT 60°	PERPENDICULAR JOINT OPENING AT 90°
* END BENT 1	129°28'04.3"	2 11/16"	2 11/16"	2 11/16"
BENT 1	131°07'58"	1 5/8"	1 9/16"	1 7/16"
BENT 2	132°04'57"	1 5/8"	1 9/16"	1 1/2"
BENT 3	133°02'17"	1 5/8"	1 9/16"	1 1/2"
BENT 4	133°59'50"	1 5/8"	1 9/16"	1 1/2"
BENT 5	135°22'29"	1 5/8"	1 9/16"	1 3/8"
* END BENT 2	136°11'22.9"	2 11/16"	2 11/16"	2 11/16"

* EXISTING FORMED JOINTS AT END BENTS ARE ANTICIPATED TO BE 1 3/4" AT 60 DEGREES. FIELD VERIFY AND PROVIDE NOMINAL UNCOMPRESSED SEAL WIDTH BASED ON JOINT OPENINGS.

PROJECT NO. I-5927
POLK COUNTY
 BRIDGE NO: 740048

SHEET 2 OF 2



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

JOINT REPAIR DETAILS

VOLKERT
 5430 Wade Park BLVD, Suite 410
 Raleigh, NC 27607
 Tel. 919-854-0344 Fax. 919-854-0355
 NC License No. F-0765

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-39
1			3			TOTAL SHEETS
2			4			79

DRAWN BY: D. A. GLADDEN DATE: 7/21
 CHECKED BY: E. MURRAY DATE: 12/22