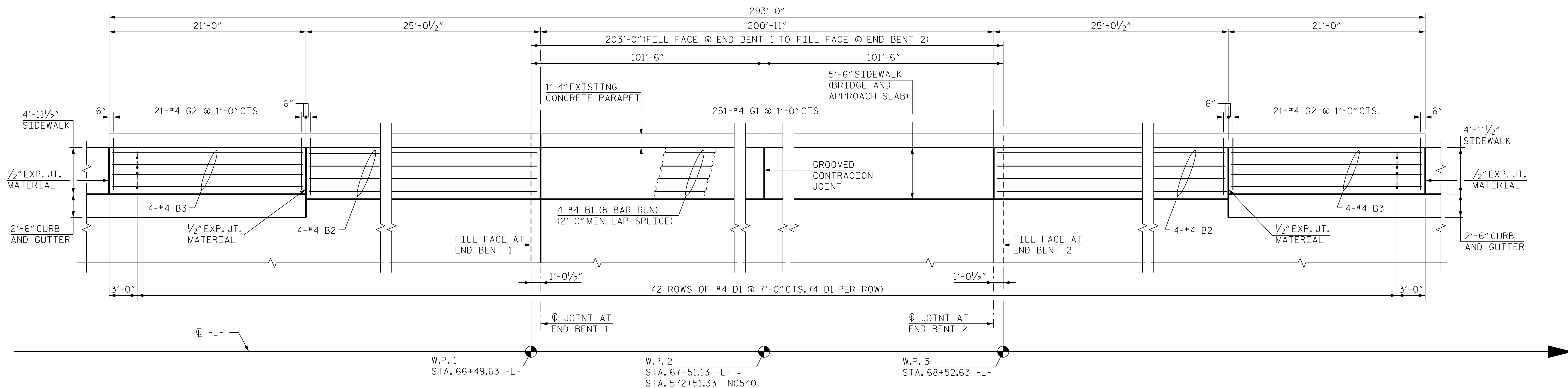


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**SIDEWALK PLAN**

**NOTES:**

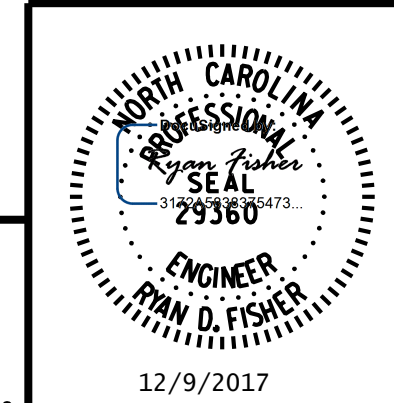
- ALL REINFORCING IN SIDEWALK SHALL BE EPOXY COATED.
- FOAM JOINT SEALS SHALL BE PLACED FOR SIDEWALK AT END BENT 1 AND END BENT 2. FOR FOAM JOINT SEALS, SEE SPECIAL PROVISIONS.
- FOR THERMAL SPRAYED COATINGS (METALLIZATION), SEE SPECIAL PROVISIONS.
- GROOVED CONTRACTION JOINT, 1/2" IN DEPTH, SHALL BE TOOLED IN ALL EXPOSED FACES OF THE SIDEWALK IN ACCORDANCE WITH ARTICLE 825-10(B) OF THE STANDARD SPECIFICATIONS. THE CONTRACTION JOINT SHALL BE LOCATED AT A SPACING OF 8FT. TO 10FT. BETWEEN EXPANSION JOINTS. NO CONTRACTION JOINTS WILL BE REQUIRED FOR SEGMENTS LESS THAN 10 FEET IN LENGTH.
- DRILL HOLES IN CONCRETE AND FILL THEM WITH AN ADHESIVE BONDING MATERIAL TO INSTALL D1 DOWELS. NO FIELD TESTING IS REQUIRED.

TOTAL BILL OF MATERIAL			
	CLASS AA CONCRETE (BRIDGE)	EPOXY COATED REINFORCING STEEL (BRIDGE)	FOAM JOINT SEALS (SIDEWALK)
	CU.YDS.	LBS.	LUMP SUM
SUPERSTRUCTURE	36.0	1,951	LUMP SUM
END BENT 1			
BENT 1			
END BENT 2			
TOTAL	36.0	1,951	LUMP SUM

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WAKE COUNTY  
 STATION: 67+51.13 -L-

SHEET 1 OF 3  
 STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
**SIDEWALK DETAILS**  
 BRIDGE ON  
 MORRISVILLE PARKWAY  
 OVER WESTERN WAKE FREEWAY

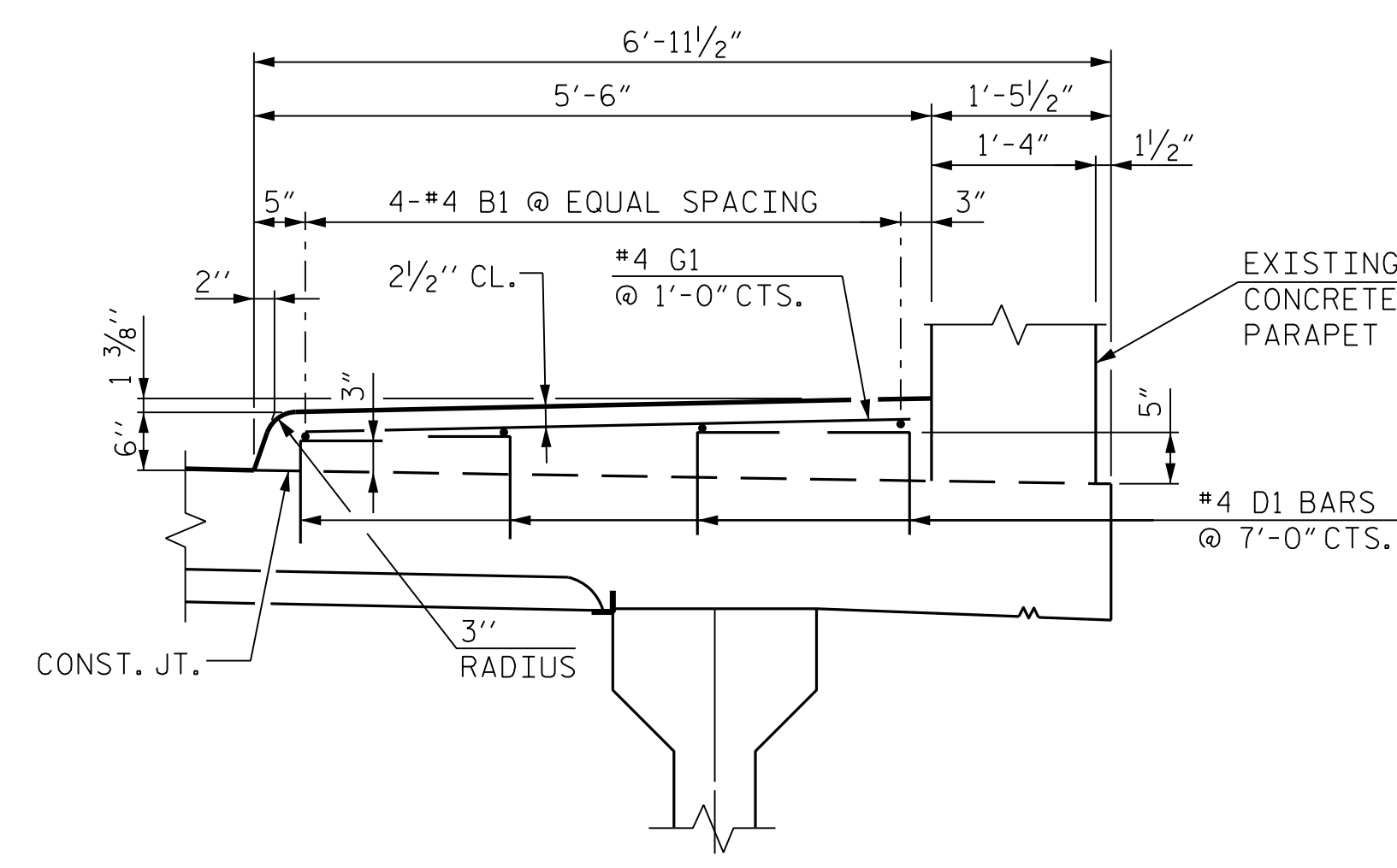
**RK&K**  
 RUMMEL, KLEPPER & KAHL, LLP  
 900 RIDGEFIELD DRIVE SUITE 350  
 RALEIGH, NC 27609-3960 (919) 878-9560  
 NC LICENSE NUMBER: F-0112



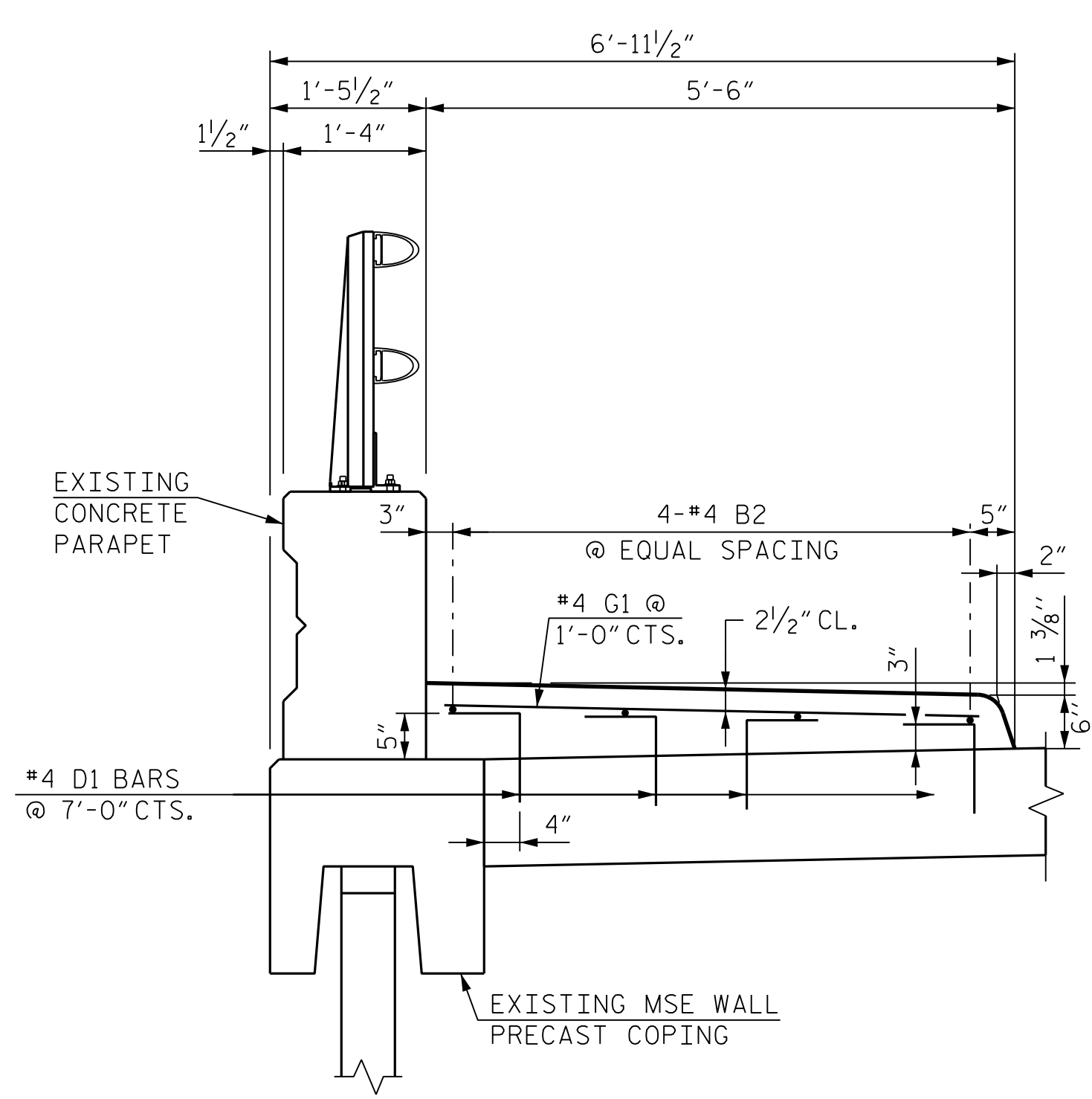
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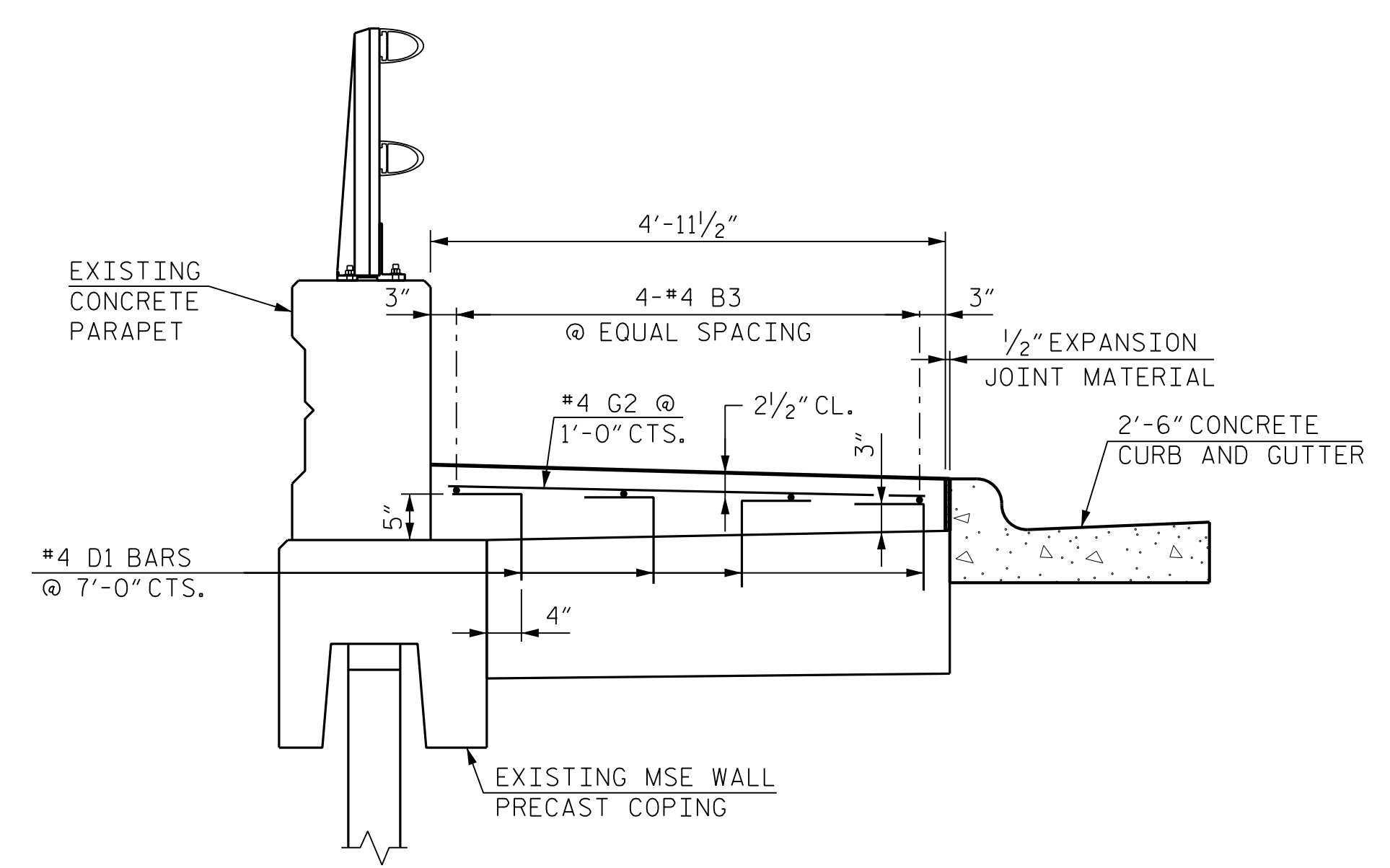
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SECTION THRU SIDEWALK ON BRIDGE

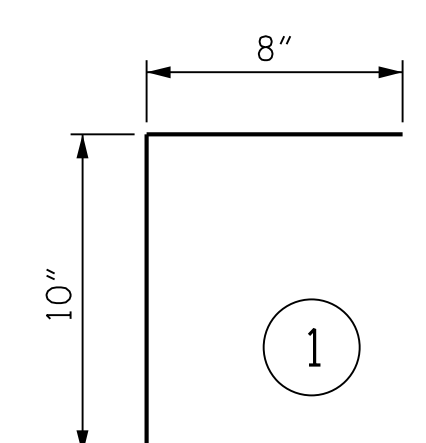


SECTION THRU APPROACH SLAB



SECTION THRU MOMENT SLAB

BAR TYPES		BILL OF MATERIAL				
SIDEWALK						
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	
B1	32	#4	STR.	26'-11"	575	
B2	8	#4	STR.	24'-6"	131	
B3	8	#4	STR.	20'-7"	110	
D1	168	#4	1	1'-6"	168	
G1	251	#4	STR.	5'-0"	838	
G2	42	#4	STR.	4'-7"	129	
EPOXY COATED REINFORCING STEEL					1,951 LB.	
CLASS AA CONCRETE					36.0 C.Y.	

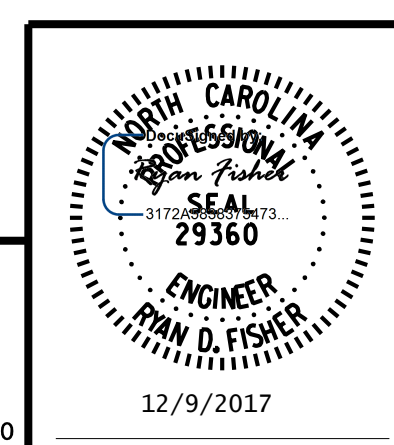


ALL BAR DIMENSIONS ARE OUT TO OUT.

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SHEET 2 OF 3

STATE OF NORTH CAROLINA  
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 RALEIGH  
**SIDEWALK DETAILS**



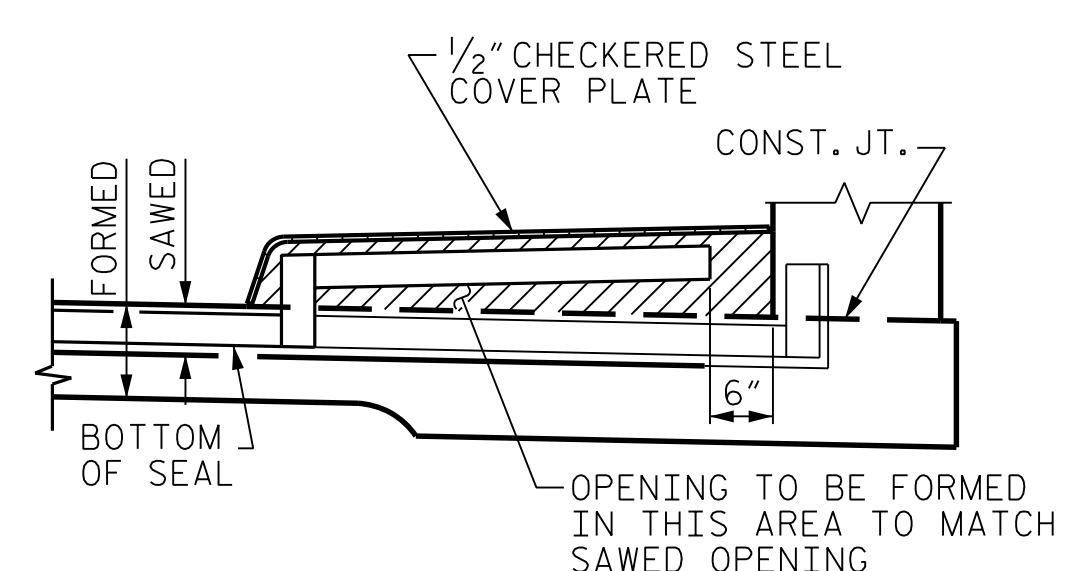
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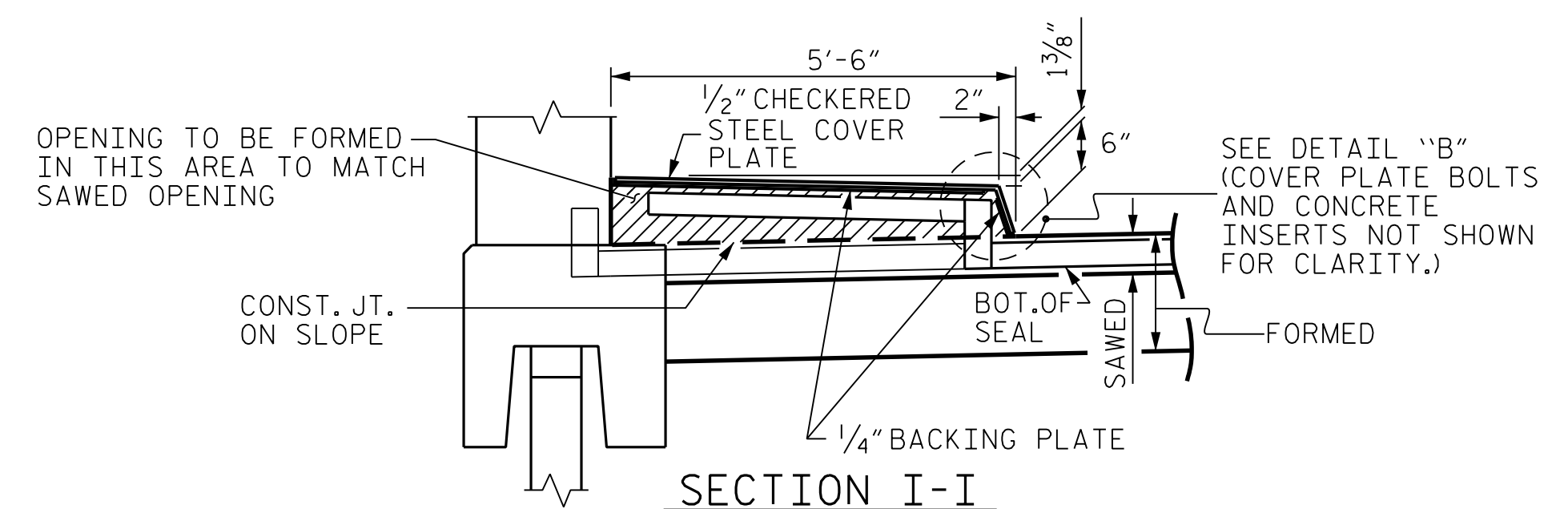
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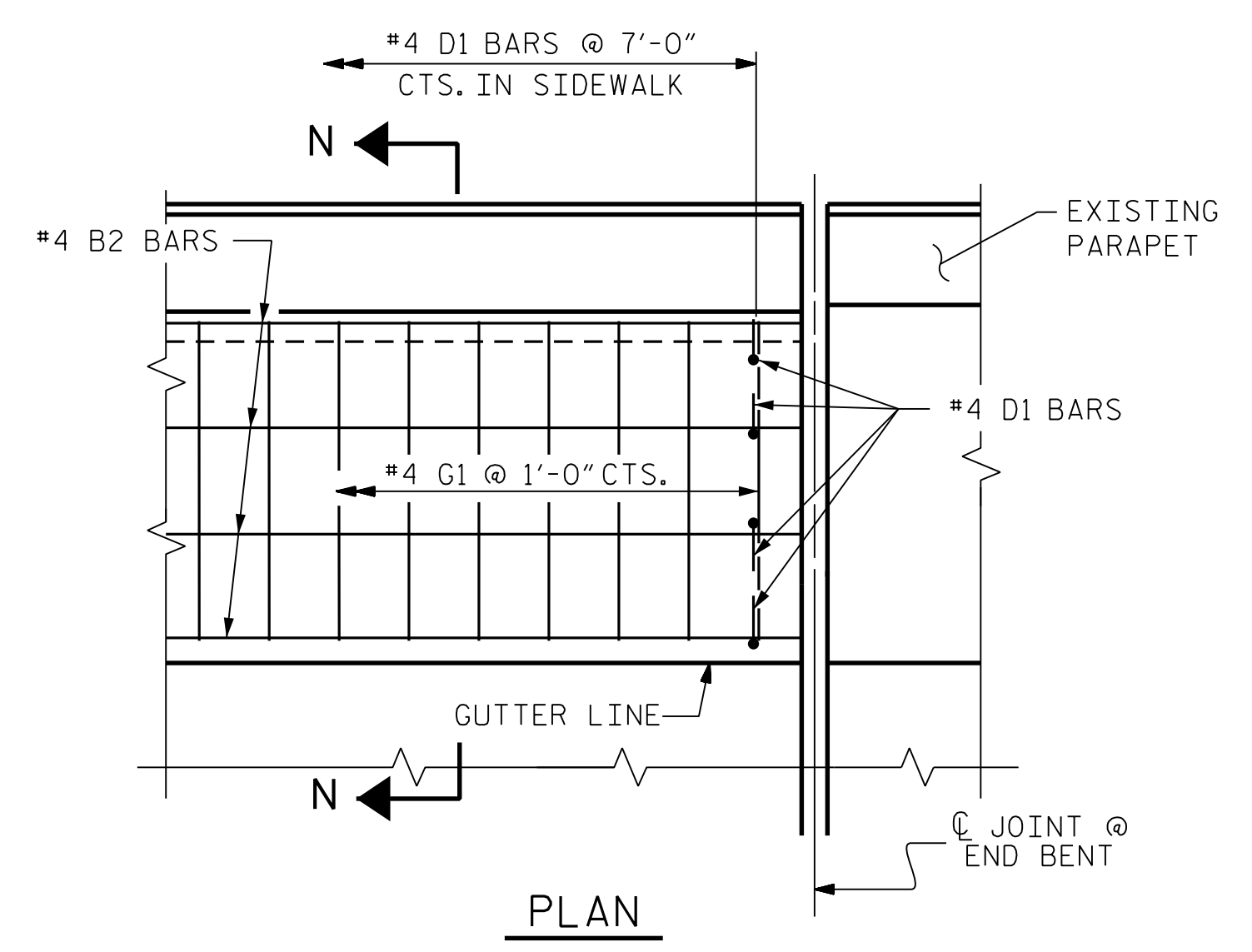
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SECTION H-H



SECTION I-I



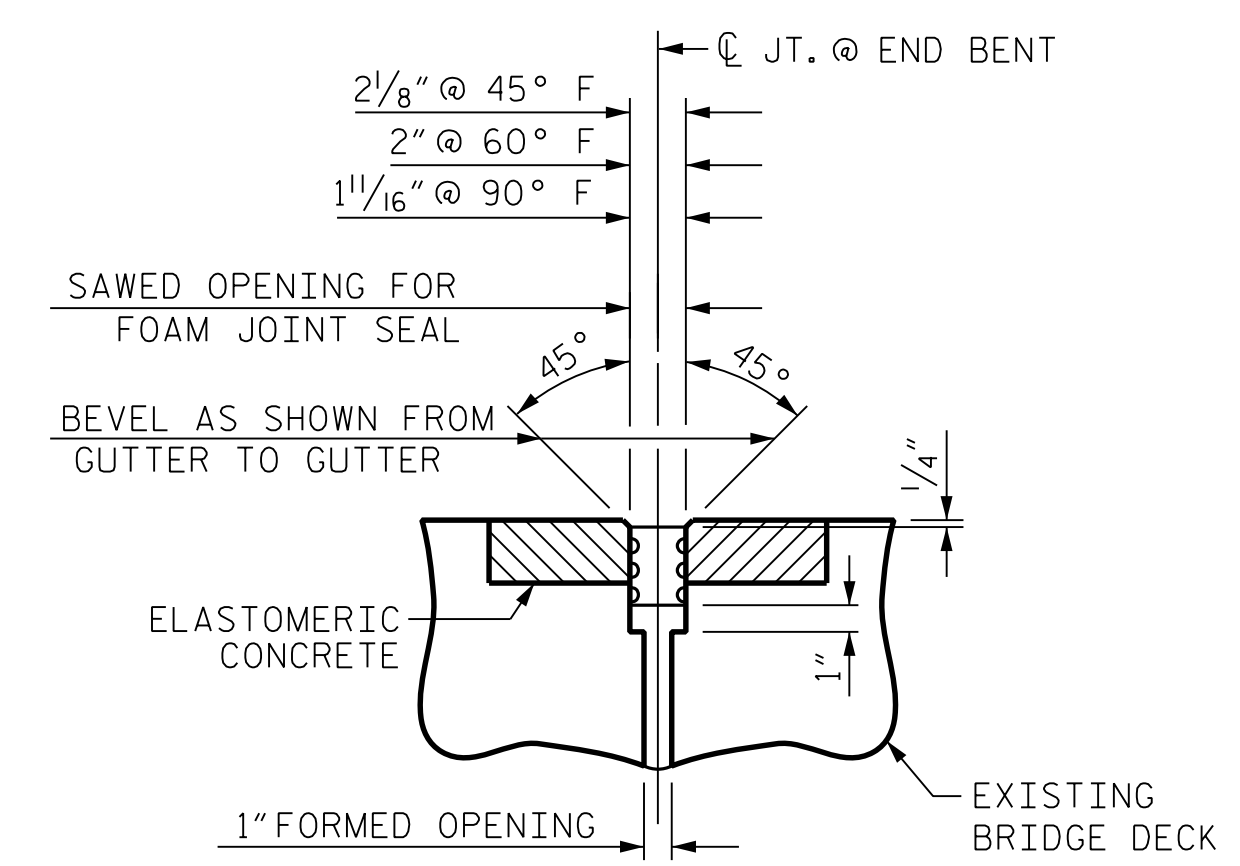
PLAN

DETAILS OF SIDEWALK ON APPROACH SLAB

THE STEEL PLATES SHALL CONFORM TO AASHTO M270 GRADE 36 OR APPROVED EQUAL. AFTER FABRICATION, THE PLATES SHALL BE COMMERCIALY BLAST CLEANED AND EITHER COATED WITH A MINIMUM THICKNESS OF 4 MILS (DRY) OF ZINC-RICH PAINT, GALVANIZED OR METALLIZED TO A MINIMUM THICKNESS OF 6 MILS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. FOR THERMAL SPRAYED COATINGS (METALLIZATION), SEE SPECIAL PROVISIONS.

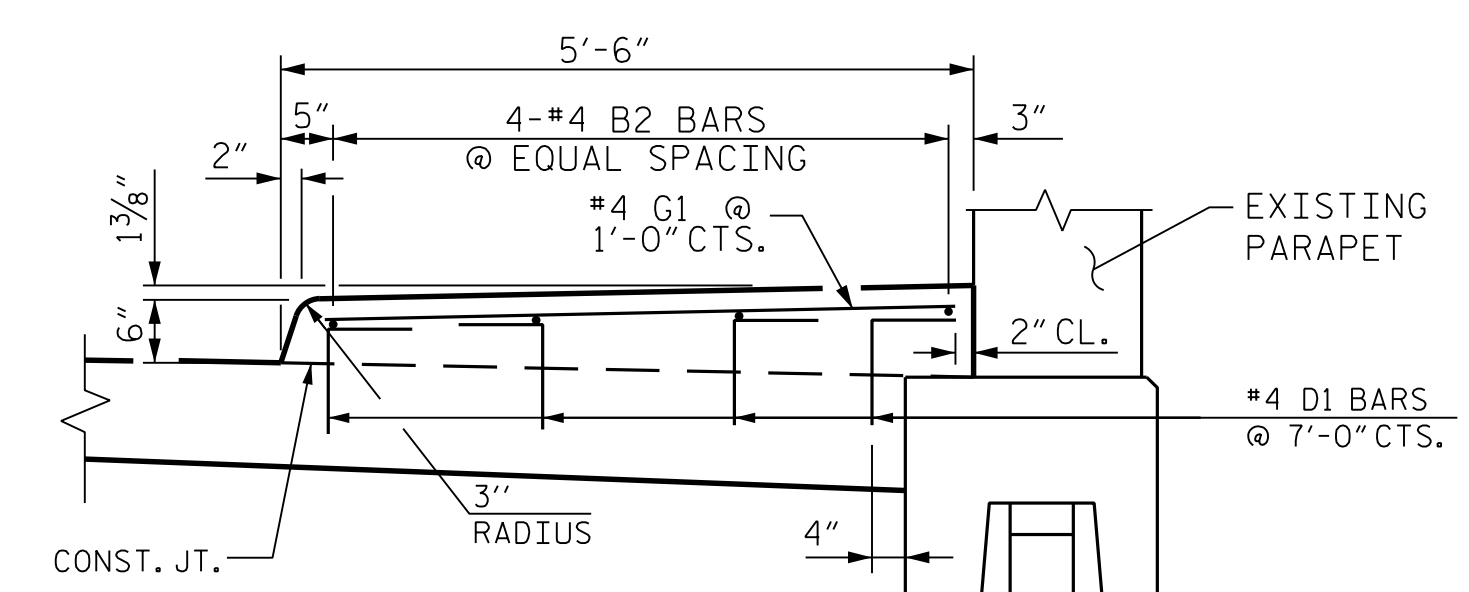
THE 3/4" DIAMETER HEX HEAD BOLTS SHALL CONFORM TO ASTM F593 ALLOY 304 STAINLESS STEEL.

NO SEPARATE PAYMENT WILL BE MADE FOR FURNISHING AND INSTALLING THE COVER PLATE. THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR "FOAM JOINT SEALS".

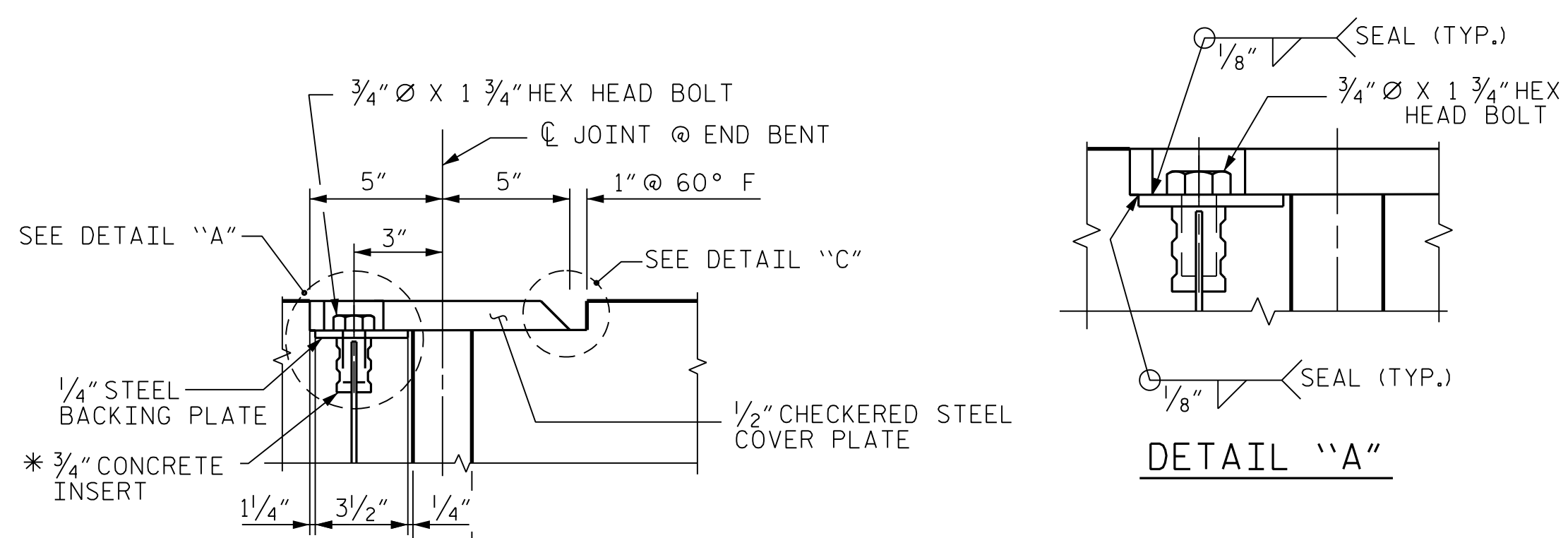


SECTION C-C THROUGH EXISTING EXPANSION JOINT

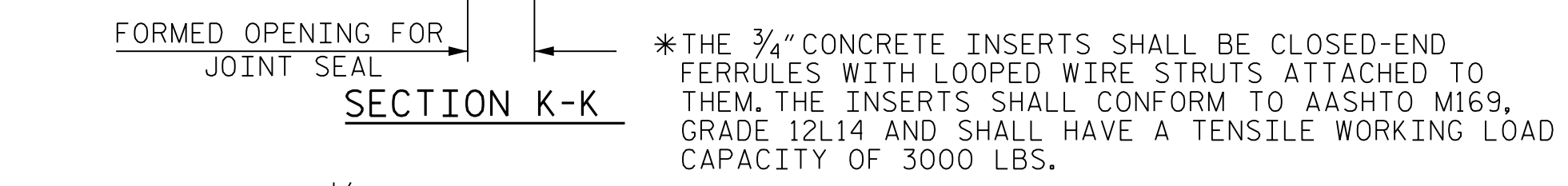
FOAM JOINT SEAL (FOR FOAM JOINT SEAL, SEE SPECIAL PROVISIONS)



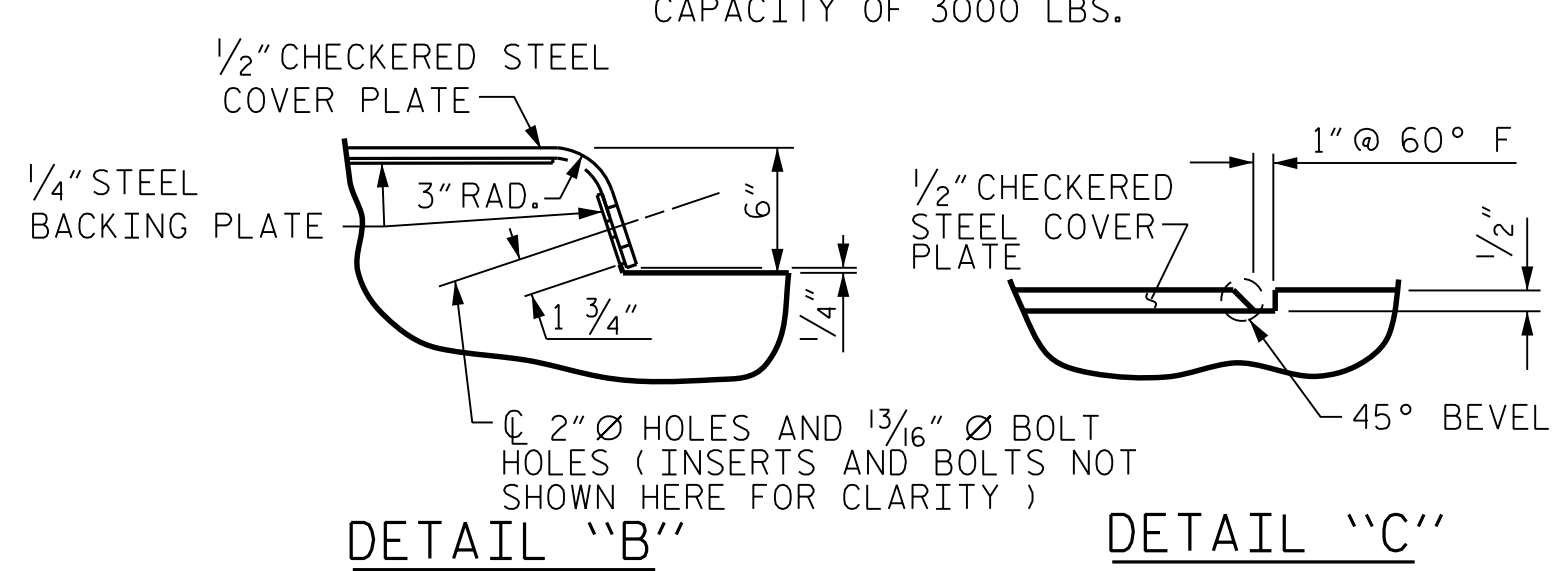
SECTION N-N SIDEWALK DETAILS



DETAIL "A"



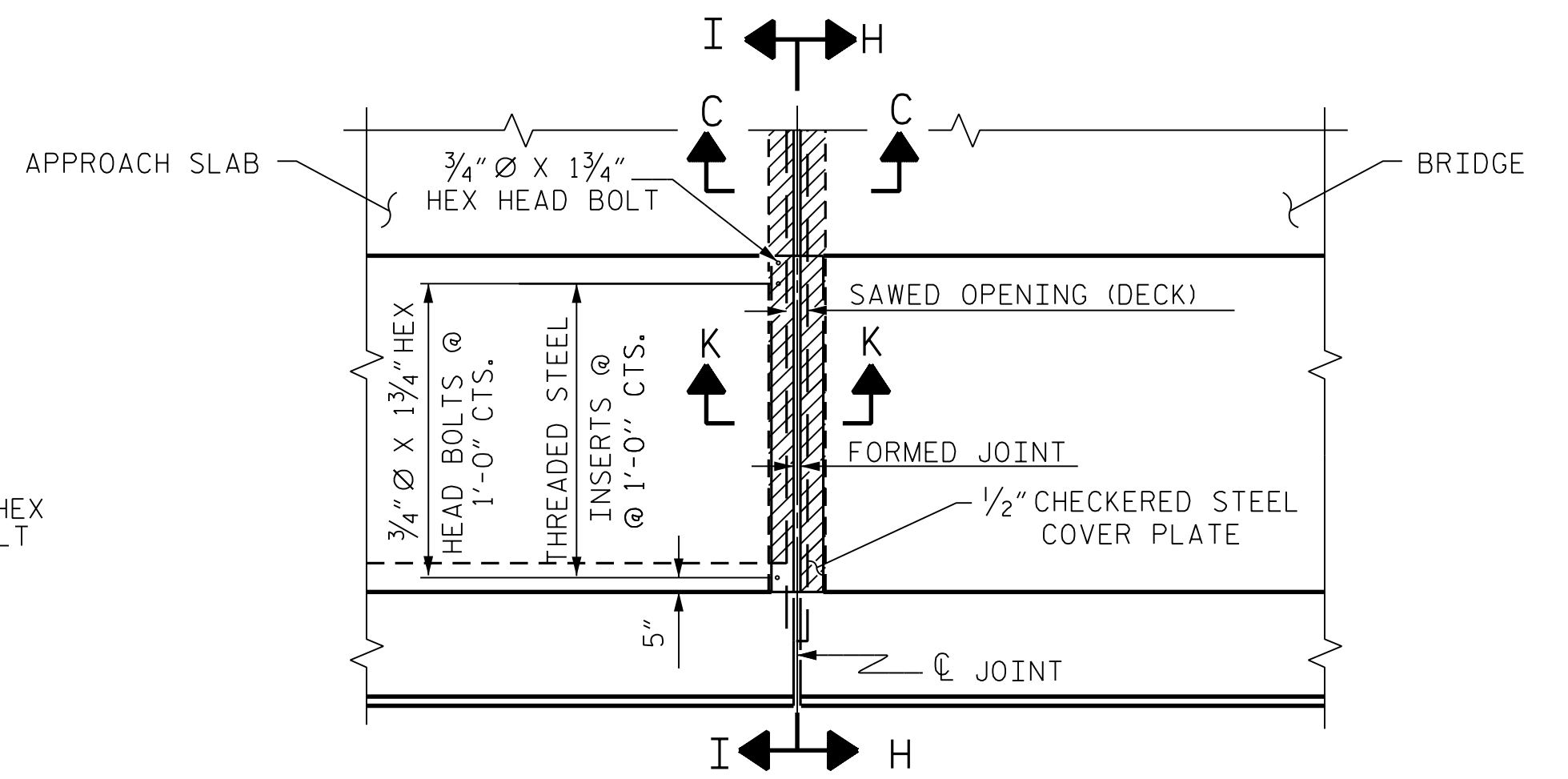
SECTION K-K



DETAIL "B"

DETAIL "C"

JOINT SEAL DETAILS @ END BENT

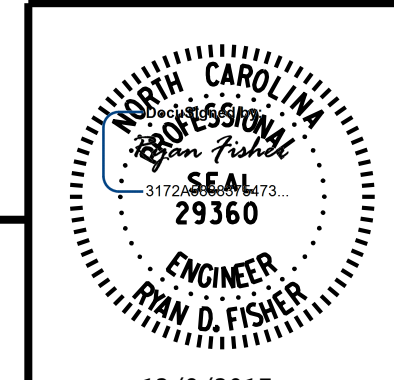


PLAN OF FOAM JOINT SEAL @ END BENT

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 STATION: 67+51.13 -L-

SHEET 3 OF 3

STATE OF NORTH CAROLINA  
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**SIDEWALK DETAILS**  
 BRIDGE APPROACH  
 SLAB DETAILS



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