

PLAN @ END BENT 1
PLAN @ END BENT 2

▲ RADIAL DIMENSIONS

NOTES

APPROACH SLABS SHALL BE POURED AFTER CONCRETE WEARING SURFACE IS POURED.

AREA BETWEEN THE WINGWALL AND APPROACH SLAB SHALL BE GRADED TO DRAIN THE WATER AWAY FROM THE FILL FACE OF THE BRIDGE AND SHALL BE PAVED. SEE ROADWAY PLANS.

THE JOINT SHALL BE SAWED AFTER THE CASTING OF THE BARRIER RAIL.

FOR BRIDGE APPROACH FILL INCLUDING GEOTEXTILE, 4" Ø DRAINAGE PIPE, AND #78M STONE BACKFILL, SEE ROADWAY PLANS.

GEOTEXTILE SHALL BE TYPE 1 IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS SECTION 1056.

#78M STONE BACKFILL (CLASS V SELECT MATERIAL) SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS SECTION 1016.

#78M STONE BACKFILL IS TO BE CONTINUOUS ALONG FILL FACE OF BACKWALL FROM OUTSIDE EDGE TO OUTSIDE EDGE OF APPROACH SLAB.

FOR THE 4" Ø DRAINAGE PIPE OUTLET(S), SEE ROADWAY STANDARD DRAWINGS.

WITH FOAM JOINT SEAL

FOR FOAM JOINT SEALS, SEE SPECIAL PROVISIONS.

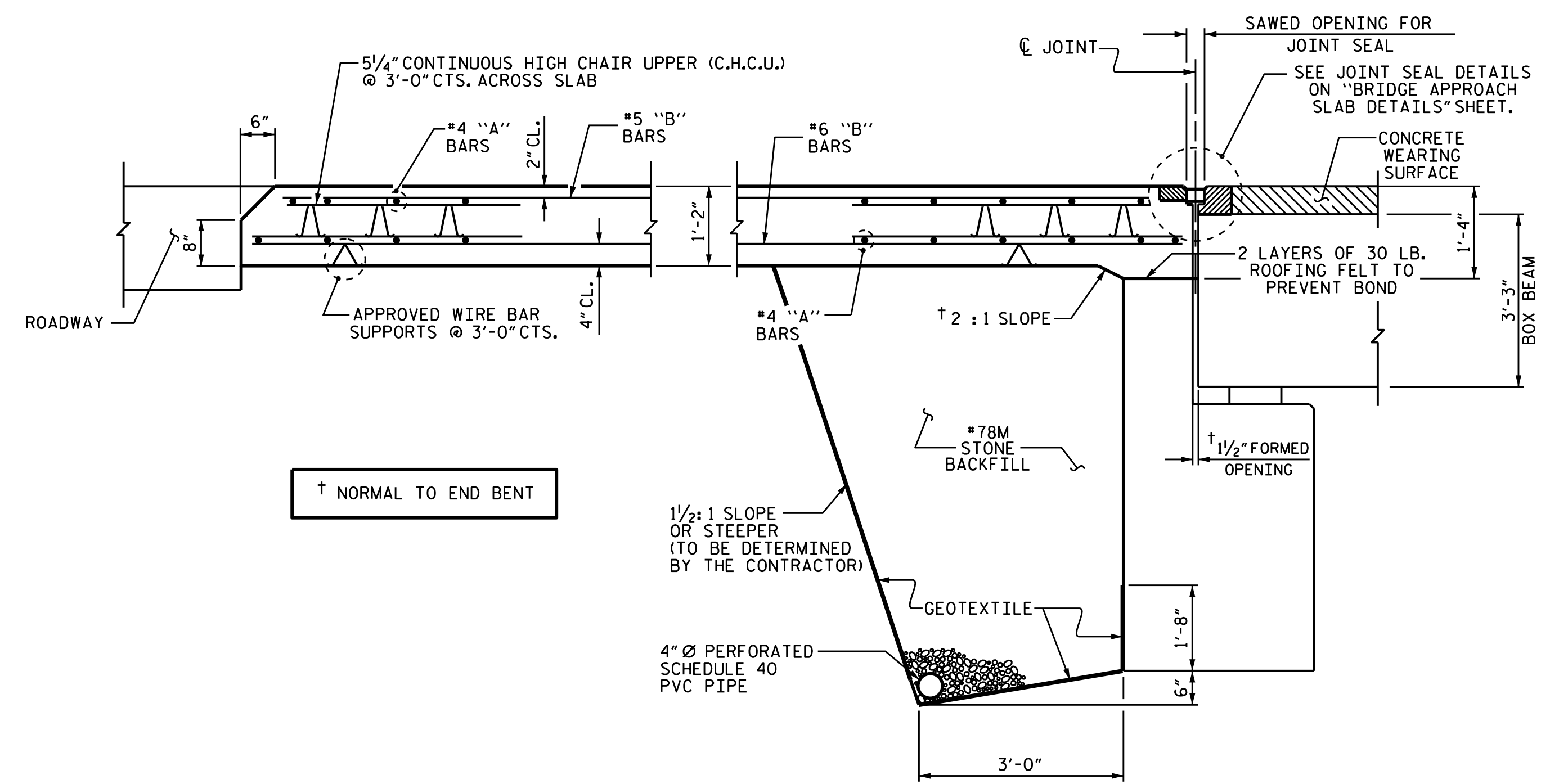
THE NOMINAL UNCOMPRESSED SEAL WIDTH OF THE FOAM JOINT SEAL SHALL BE 2" @ END BENT 1 AND @ END BENT 2 AND 2 1/2" @ BENT 2.

FOR ELASTOMERIC CONCRETE, SEE SPECIAL PROVISIONS.

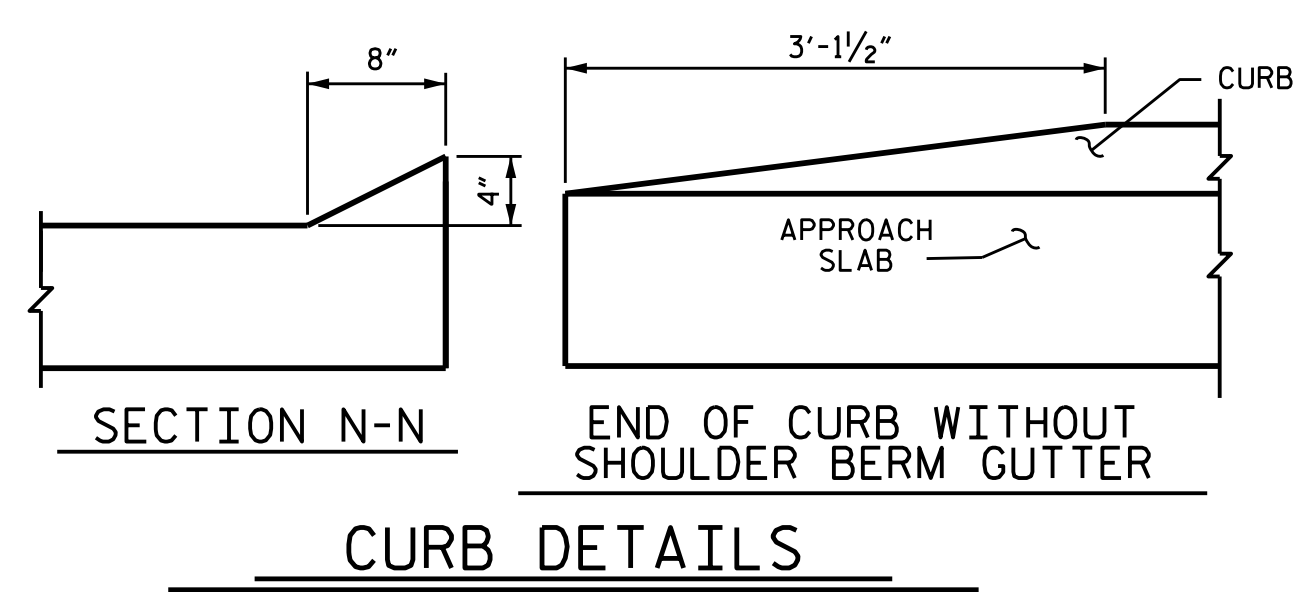
ARC OFFSETS ARE NEGLIGIBLE AND NOT SHOWN AT END BENT 2.

BILL OF MATERIAL					
APPROACH SLAB AT EB 1					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	24	#4	STR	18'-3"	293
A2	26	#4	STR	18'-2"	316
* B1	70	#5	STR	10'-10"	791
B2	70	#6	STR	11'-8"	1227
REINFORCING STEEL				LBS.	1543
* EPOXY COATED REINFORCING STEEL				LBS.	1084
CLASS AA CONCRETE				C. Y.	18.2
APPROACH SLAB AT EB 2					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	24	#4	STR	18'-3"	293
A2	26	#4	STR	18'-2"	316
* B1	70	#5	STR	10'-10"	791
B2	70	#6	STR	11'-8"	1227
REINFORCING STEEL				LBS.	1543
* EPOXY COATED REINFORCING STEEL				LBS.	1084
CLASS AA CONCRETE				C. Y.	18.2

SPLICE LENGTHS		
BAR SIZE	EPOXY COATED	UNCOATED
#4	2'-0"	1'-9"



† NORMAL TO END BENT



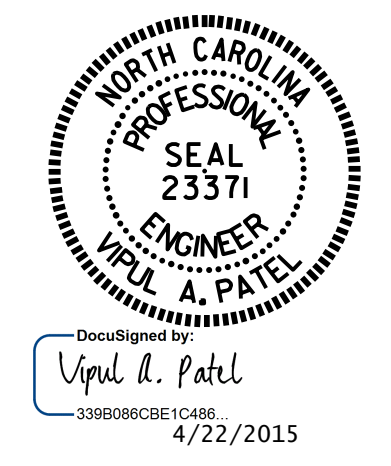
CURB DETAILS

SECTION THROUGH SLAB

ROCK PLATED REINFORCED SOIL SLOPE IS REQUIRED BELOW CAP AT END BENT 1. SEE PROJECT SPECIAL PROVISIONS AND REINFORCED SOIL SLOPE DRAWINGS IN ROADWAY PLANS.

ASSEMBLED BY : N.D. AIUTO	DATE : 7-3-14
CHECKED BY : P.S. ADKINS	DATE : 7-10-14
DRAWN BY : KMM 3-08	REV. 10/1/11 MAA/GM
CHECKED BY : GM 3-08	REV. 12/21/11 MAA/GM
	REV. 6/13 MAA/GM

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PROJECT NO. B-4972
CABARRUS COUNTY
 STATION: 22+55.00 -L-

SHEET 1 OF 2

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 STANDARD
 BRIDGE APPROACH SLAB
 FOR PRESTRESSED CONCRETE
 BOX BEAM UNIT
 (SUB-REGIONAL TIER)

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-30
1			3			TOTAL SHEETS
2			4			31

STD. NO. BAS6