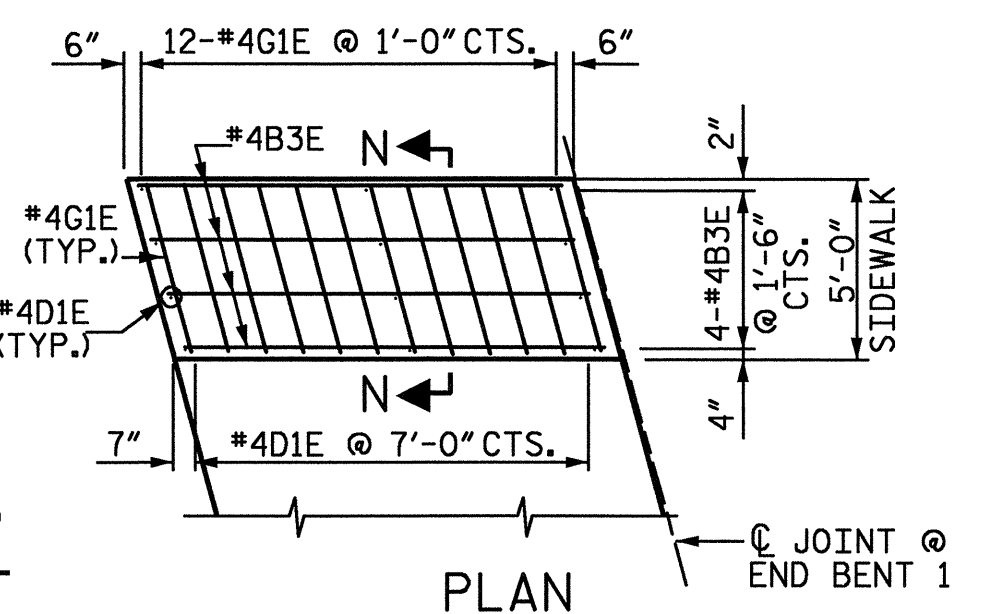


PLAN OF APPROACH SLAB @ END BENT 1

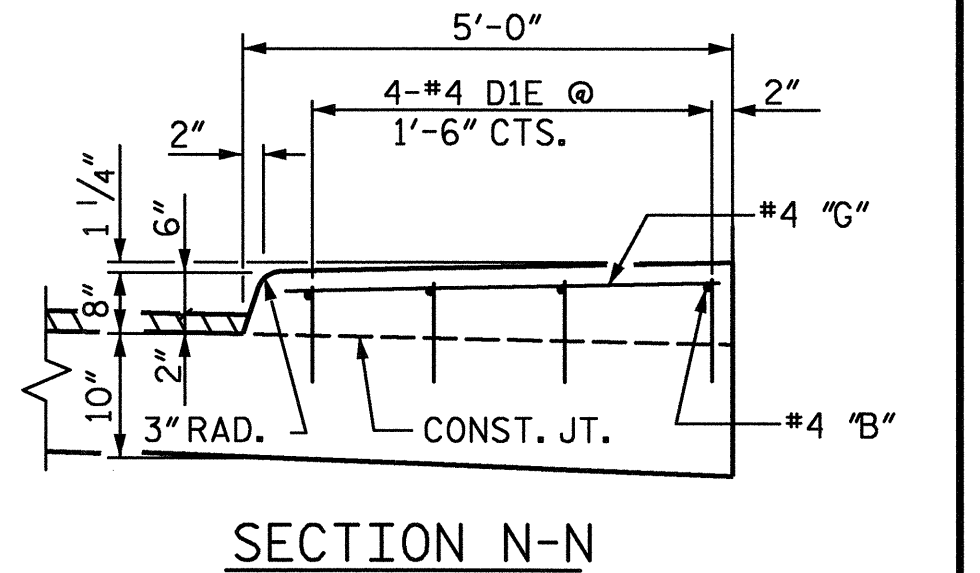
PLAN OF APPROACH SLAB @ END BENT 2

NOTES:
 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 WITH 4" OF INTERMEDIATE OR SURFACE COURSE ASPHALT.
 THE 6" COMP. A.B.C. SHALL EXTEND 10'-0" BEYOND THE END OF THE APPROACH SLAB AND 1'-0" OUTSIDE OF EACH EDGE OF SLAB.
 THE CONTRACTOR MAY USE, AT HIS OPTION, EITHER 4" TYPE B25.0B ASPHALT CONCRETE BASE COURSE OR 5" CLASS "A" CONCRETE IN LIEU OF 6" A.B.C. AND SHALL EXTEND 1'-0" BEYOND THE END OF THE APPROACH SLAB AND THE WIDTH SHALL BE THE SAME AS THAT OF THE APPROACH SLAB. IF 5" CLASS "A" CONCRETE IS USED, THE CONCRETE SHALL BE FINISHED TO A SMOOTH SURFACE AND A LAYER OF 30 LBS. ROOFING FELT SHALL BE PLACED BETWEEN THE CONCRETE BASE AND THE APPROACH SLAB TO PREVENT BOND. THE APPROACH SLABS SHALL NOT BE CAST UNTIL THE CONCRETE HAS REACHED AN AGE OF THREE (3) CURING DAYS.
 THE EXPANSION JOINT MATERIAL IS TO BE HELD IN PLACE WITH GALVANIZED NAILS.
 THE JOINT AT THE END BENT SHALL BE SEALED AS SOON AS PRACTICAL AFTER THE CONSTRUCTION OF THE APPROACH SLABS.
 WORK SHOWN IN THIS DRAWING INCLUDING THE COST OF THE BARRIER RAIL ON THE APPROACH SLAB SHALL BE PAID FOR AT THE LUMP SUM BID PRICE FOR APPROACH SLABS, PAVEMENT AND BASE SHALL BE PAID FOR AT THE UNIT PRICES FOR ROADWAY BID ITEMS.
 SUBDRAIN FINE AGGREGATE IS TO BE CONTINUOUS ALONG FILL FACE OF BACKWALL AND END BENT FROM OUTSIDE EDGE OF SUPERSTRUCTURE TO OUTSIDE EDGE OF SUPERSTRUCTURE. NO SEPARATE PAYMENT WILL BE MADE FOR FURNISHING AND PLACING FINE AGGREGATE AND STONE. THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE LUMP SUM BID PRICE FOR PLACEMENT OF SUBSTRUCTURE.

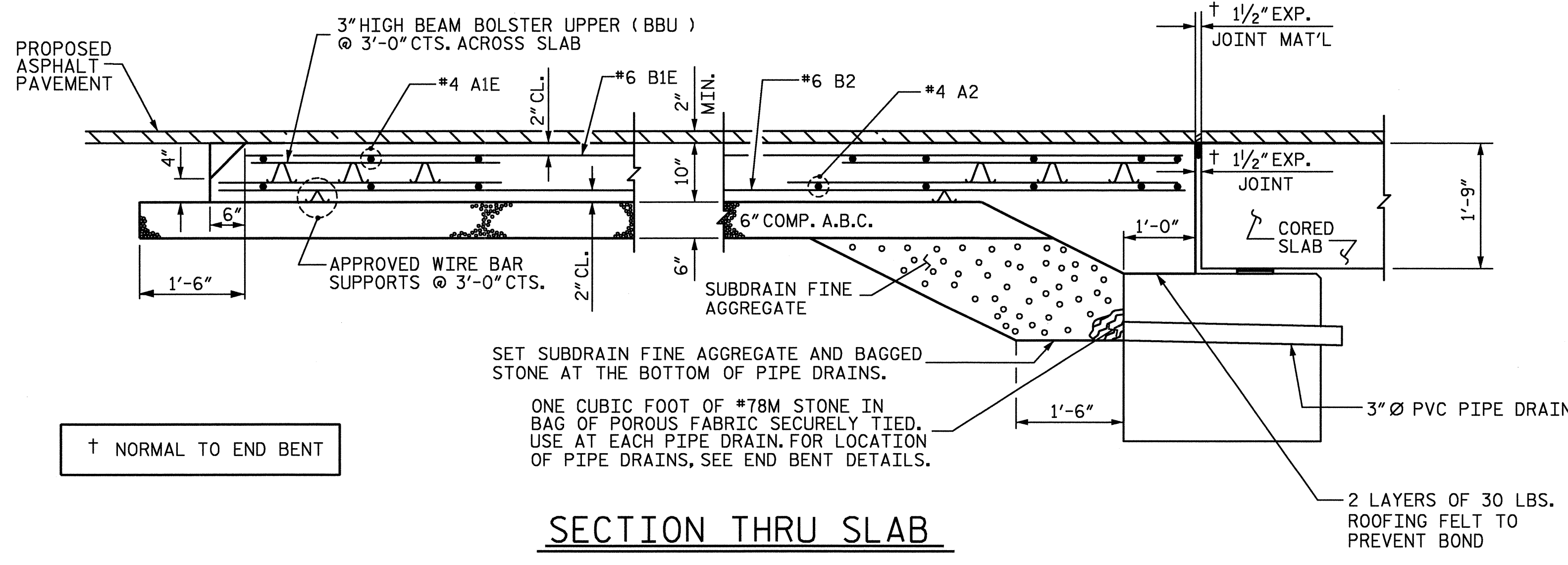
BILL OF MATERIAL					
APPROACH SLAB AT EB 1					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1E	18	#4	STR	27'-11"	336
A2	18	#4	STR	27'-9"	334
B1E	103	#6	STR	11'-3"	1740
B2	103	#6	STR	11'-8"	1805
B3E	4	#4	STR	11'-8"	31
D1E	12	#4	STR	1'-2"	9
G1E	12	#4	STR	4'-8"	37
REINFORCING STEEL				2139	LBS.
EPOXY COATED REINFORCING STEEL				2153	LBS.
CLASS AA CONCRETE				24.6	C. Y.
APPROACH SLAB AT EB 2					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1E	18	#4	STR	27'-11"	336
A2	18	#4	STR	27'-9"	334
B1E	106	#6	STR	11'-3"	1791
B2	106	#6	STR	11'-8"	1857
B3E	4	#4	STR	11'-8"	31
D1E	12	#4	STR	1'-2"	9
G1E	12	#4	STR	4'-8"	37
REINFORCING STEEL				2191	LBS.
EPOXY COATED REINFORCING STEEL				2204	LBS.
CLASS AA CONCRETE				25.1	C. Y.



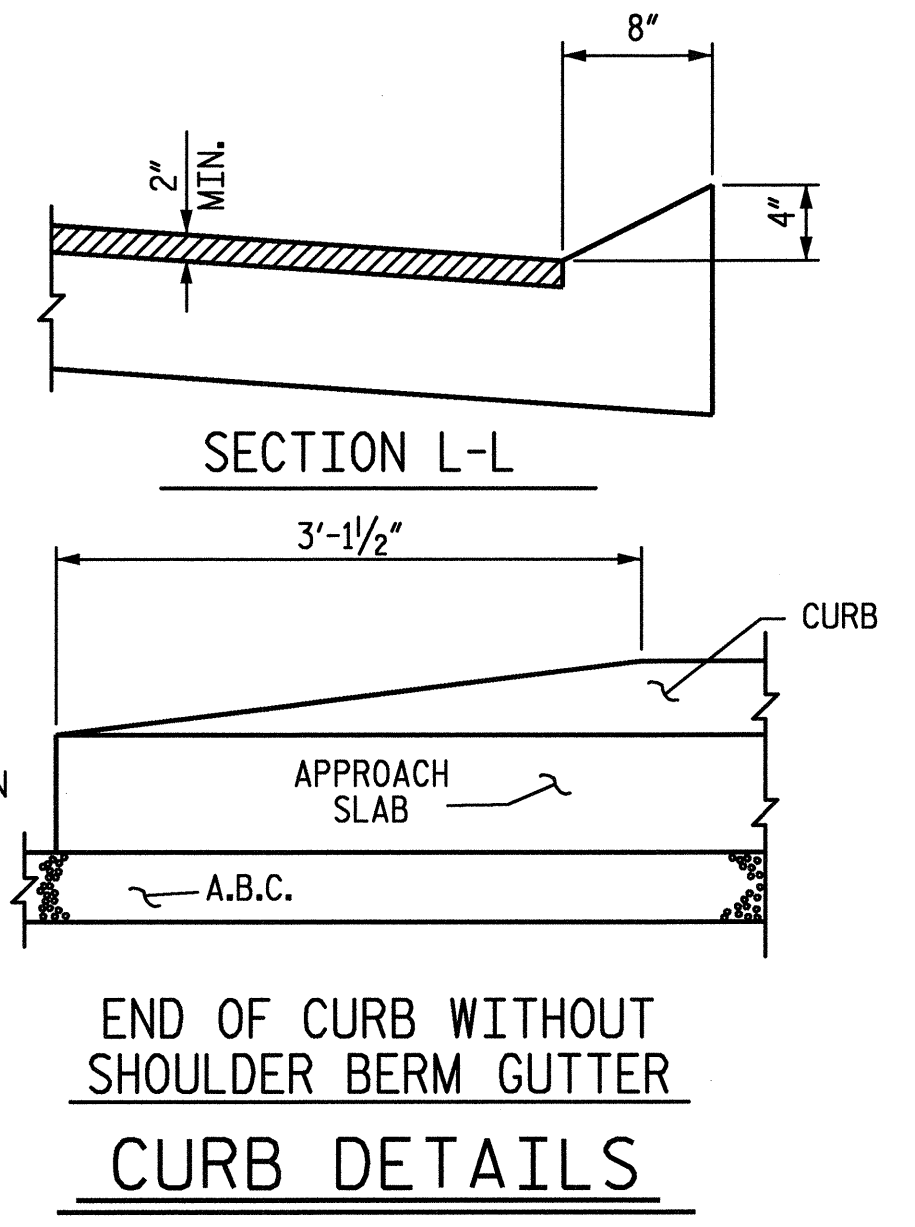
PLAN SECTION N-N



SIDWALK DETAILS (END BENT 1 SHOWN, END BENT 2 SIMILAR)



SECTION THRU SLAB



END OF CURB WITHOUT SHOULDER BERM GUTTER CURB DETAILS

WBS. NO. 37017
 WAKE COUNTY
 STATION: 14+04.00 -L-
 REPLACES BRIDGE NO. 133
 SHEET OF

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

BRIDGE APPROACH SLAB FOR PRESTRESSED CONCRETE CORED SLAB

REVISIONS

NO.	BY	DATE	NO.	BY	DATE
1			1		
2			2		

ETHERILL ENGINEERING
 559 Jones Franklin Rd. Suite 164
 Raleigh, N.C. 27606
 Bus: 919 851 8077
 Fax: 919 851 8107

REVISIONS					
NO.	BY	DATE	NO.	BY	DATE
1			1		
2			2		

SHEET NO. S-23
 TOTAL SHEETS 23

PA-1000/MA0500/1/Structures/DWG/approach.dgn
 12/21/2005 10:14:39 AM

DRAWN BY: J. PENDERGRAFT DATE: 4/05
 CHECKED BY: J. DILWORTH DATE: 4/05