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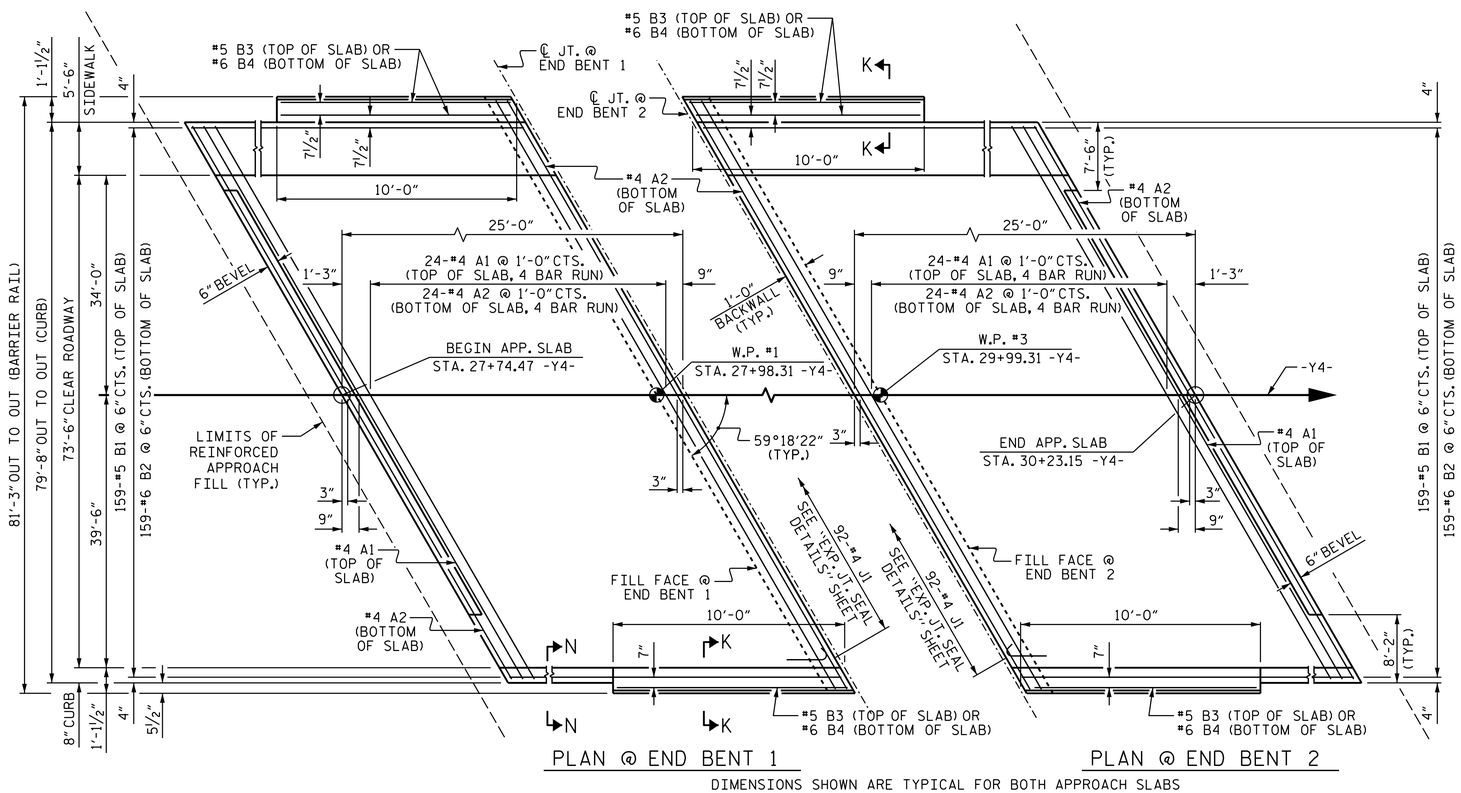
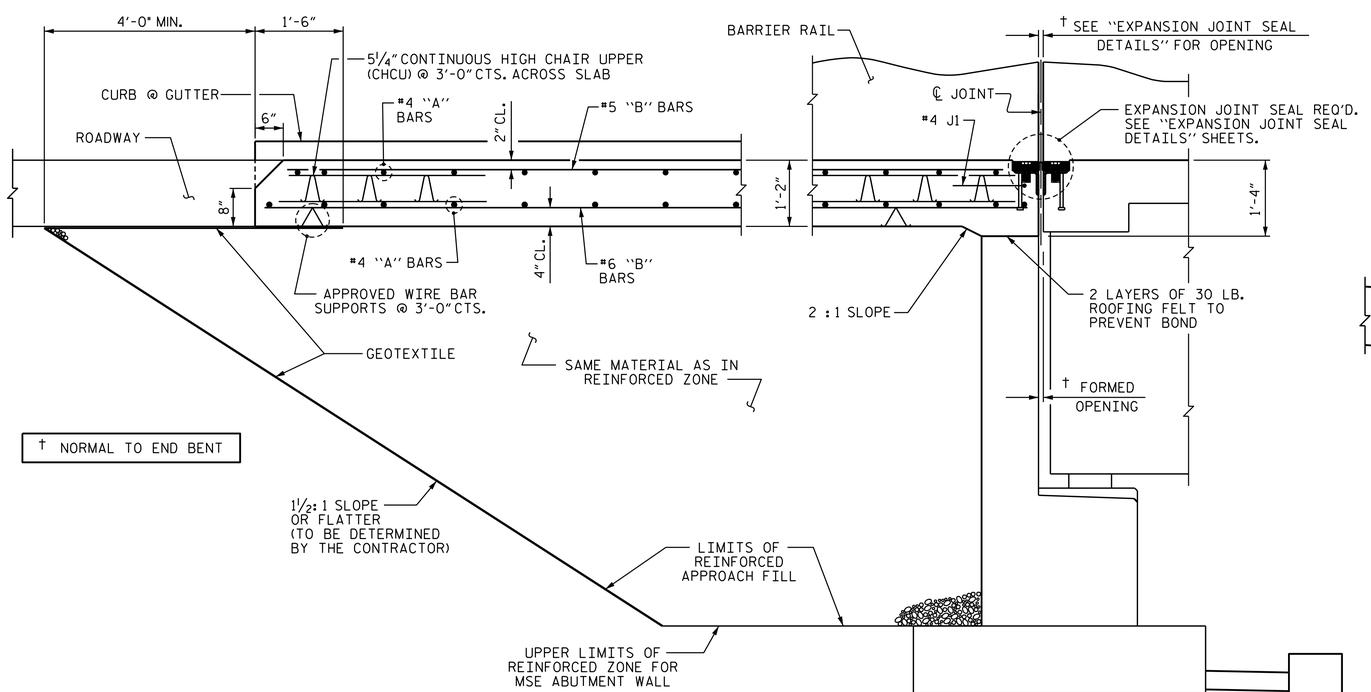


PLAN @ END BENT 1

PLAN @ END BENT 2

DIMENSIONS SHOWN ARE TYPICAL FOR BOTH APPROACH SLABS



† NORMAL TO END BENT

SECTION THRU SLAB

(TYPE III - REINFORCED APPROACH FILL)

NOTES

FOR BRIDGE APPROACH FILL INCLUDING GEOTEXTILE, MSE WALL REINFORCEMENT AND BACKFILL MATERIAL SEE ROADWAY PLANS.

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

BACKFILL MATERIAL SHALL BE THE SAME MATERIAL USED IN THE MSE REINFORCED ZONE.

APPROACH SLAB SHALL NOT BE CONSTRUCTED PRIOR TO COMPLETION OF THE BRIDGE DECK.

FOR EXPANSION JOINT SEALS, SEE SPECIAL PROVISIONS.

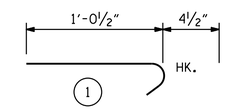
FOR SIDEWALK ON APPROACH SLABS, SEE "SIDEWALK DETAILS".

BILL OF MATERIAL

FOR ONE APPROACH SLAB (2 REQ'D)

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✱ A1	100	#4	STR	25'-1"	1676
A2	104	#4	STR	24'-11"	1731
✱ B1	159	#5	STR	23'-9"	3939
B2	159	#6	STR	24'-7"	5871
✱ B3	3	#5	STR	9'-7"	30
B4	3	#6	STR	9'-7"	43
✱ J1	92	#4	1	1'-5"	87
REINFORCING STEEL ✱✱				LBS.	7645
✱ EPOXY COATED REINFORCING STEEL ✱✱				LBS.	5732
CLASS AA CONCRETE ✱✱				C. Y.	87.7

BAR TYPE



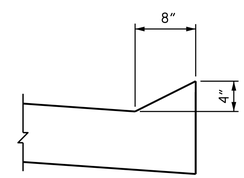
ALL BAR DIMENSIONS ARE OUT TO OUT

✱✱ QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED. SEE SHEET 2 OF 2.

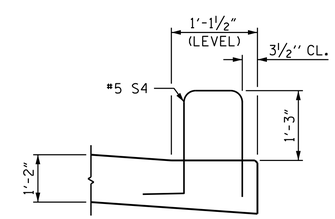
THE QUANTITY OF #4 J1 BARS ON THE BILL OF MATERIAL IS BASED ON 1'-0" CENTERS. J1 BARS SHALL BE PLACED AT EACH VERTICAL STUD ANCHOR BOLT. IN THE EVENT THAT THE NUMBER OF VERTICAL STUD ANCHORS EXCEEDS THE NUMBER OF J1 BARS SPECIFIED, ADDITIONAL J1 BARS WILL NOT BE REQUIRED.

SPLICE LENGTHS

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



SECTION N-N



SECTION K-K

CURB DETAILS

PROJECT NO. U-2525C

GUILFORD COUNTY

STATION: 28+98.81 -Y4-

SHEET 1 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

BRIDGE APPROACH SLAB
(FOR FLEXIBLE PAVEMENT)

REVISIONS							SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:		S6-33
1			3				TOTAL SHEETS
2			4				34

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PLANS PREPARED BY:
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(919) 552-2253
www.mottmac.com
LICENSE NO. F-0669

NORTH CAROLINA PROFESSIONAL SEAL 11915 ENGINEER JOHN C. FRYE

DocuSigned by: John C. Frye
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12/22/2017

DRAWN BY:	L. T. FORBIS	DATE:	6-2017
CHECKED BY:	J. T. WILLIAMS	DATE:	9-2017
DESIGN ENGINEER OF RECORD:	J. E. MONDOLFI	DATE:	9-2017

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