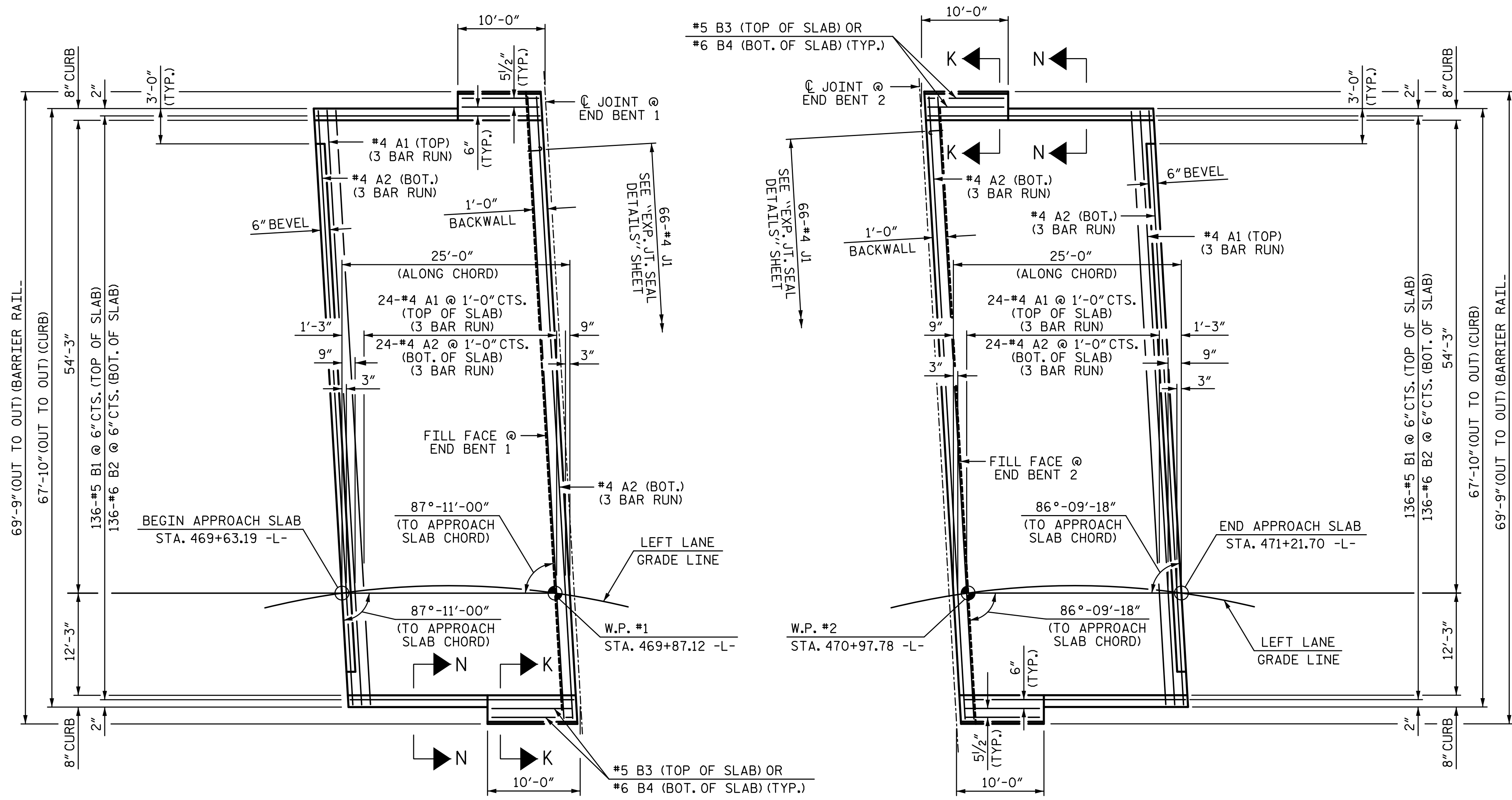
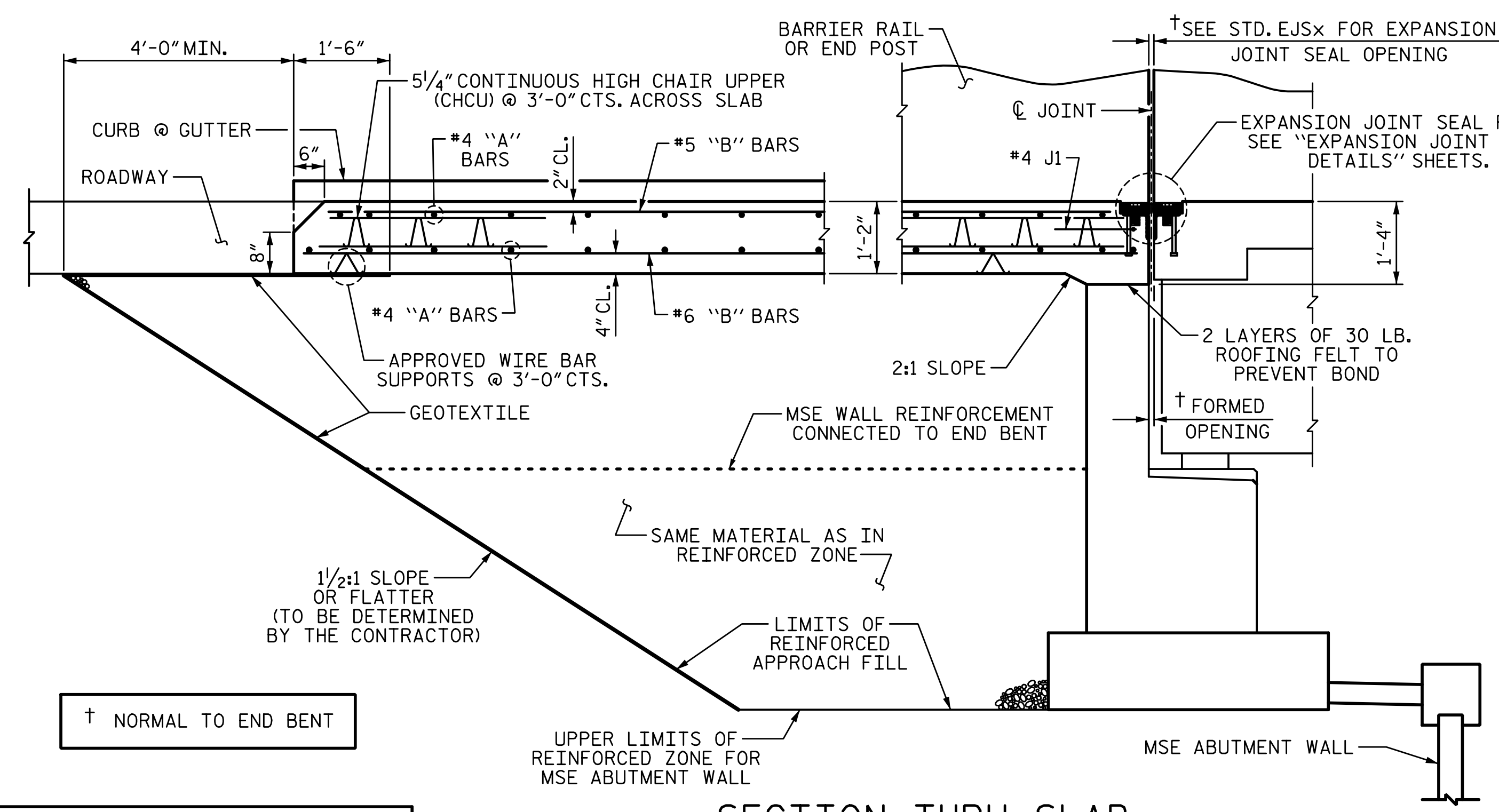


12/21/2017 4:01:37 PM G:\Projects\2016\U-2525C (Greensboro Eastern Loop)\Drawings\Structures\Site 8\Drawings\Final\Left Lane\U2525C_SML_AS_Site 6.LT.dgn

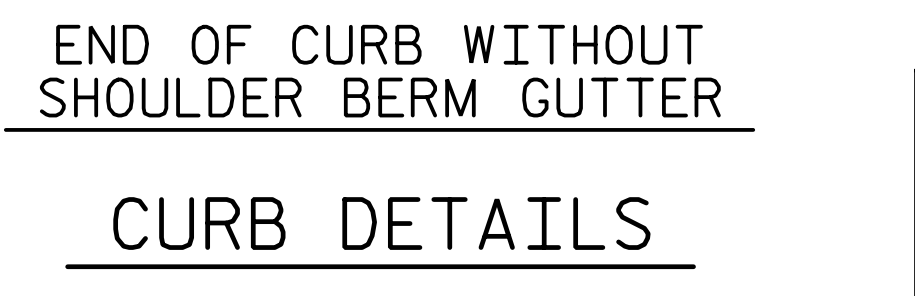
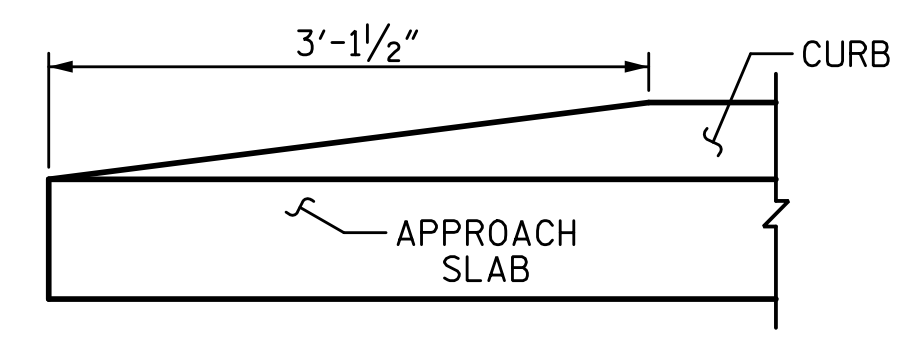
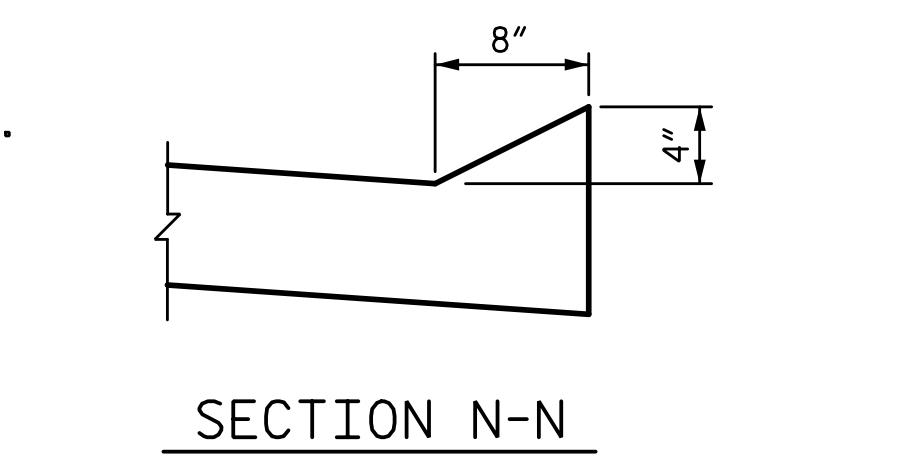


PLAN @ END BENT 1

PLAN @ END BENT 2



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.

OUTSIDE EDGE OF APPROACH SLABS ARE TO BE CONSTRUCTED PARALLEL TO THE APPROACH SLAB CHORDS.

SPlice CHART			
BAR SIZE	EPOXY COATED	UNCOATED	
#4	2'-0"	1'-9"	
#5	2'-6"	2'-2"	
#6	3'-10"	2'-7"	

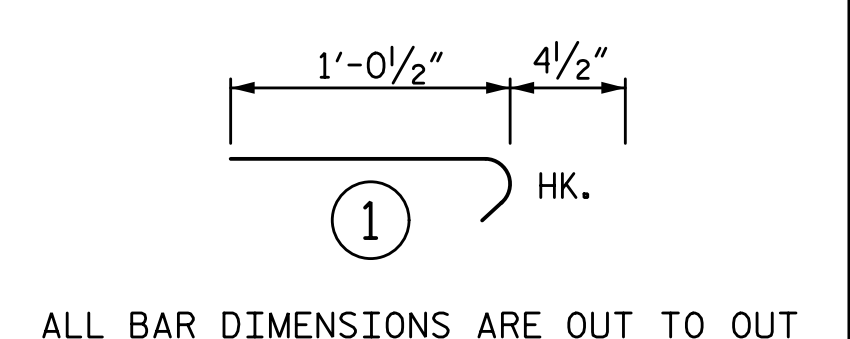
BILL OF MATERIAL

APPROACH SLAB AT EB #1					
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
*A1	75	#4	STR	24'-6"	1227
A2	78	#4	STR	24'-4"	1268
*B1	136	#5	STR	23'-10"	3381
B2	136	#6	STR	24'-7"	5022
*B3	4	#5	STR	9'-7"	40
B4	4	#6	STR	9'-7"	58
*J1	66	#4	1	1'-5"	62
REINFORCING STEEL					6348 LB
EPOXY COATED REINFORCING STEEL					4710 LB
CLASS AA CONCRETE					74.5 CY

BILL OF MATERIAL

APPROACH SLAB AT EB #2					
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
*A1	75	#4	STR	24'-6"	1227
A2	78	#4	STR	24'-4"	1268
*B1	136	#5	STR	23'-10"	3381
B2	136	#6	STR	24'-7"	5022
*B3	4	#5	STR	9'-7"	40
B4	4	#6	STR	9'-7"	58
*J1	66	#4	1	1'-5"	62
REINFORCING STEEL					6348 LB
EPOXY COATED REINFORCING STEEL					4710 LB
CLASS AA CONCRETE					74.5 CY

BAR TYPE



ALL BAR DIMENSIONS ARE OUT TO OUT

* INDICATES EPOXY COATED REINFORCING STEEL.

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.

PROJECT NO. U-2525C
 GUILFORD COUNTY
 STATION: 470+43.12 -L-

SHEET 1 OF 2

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

BRIDGE APPROACH SLAB

LEFT LANE

REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

DRAWN BY: S.D. COOPER DATE: 8-17
 CHECKED BY: M.A. AVERETTE DATE: 8-17
 DESIGN ENGINEER OF RECORD: M.A. AVERETTE DATE: 8-17

PLANS PREPARED BY:

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 (919) 852-0538 (Fax)
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 LICENSURE NO. C-2521



12/21/2017

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SHEET NO. S8-31
 TOTAL SHEETS 32