

**TEMPORARY BERM AND SLOPE DRAIN DETAILS**

**BILL OF MATERIAL**

APPROACH SLAB AT END BENT 1						APPROACH SLAB AT END BENT 2					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	50	#4	STR	28'-4"	947	* A2	6	#4	STR	4'-0"	17
A101	52	#4	STR	28'-2"	979	* A3	50	#4	STR	33'-1"	1105
* A2	5	#4	STR	4'-0"	14	* A103	52	#4	STR	32'-11"	1144
A102	5	#4	STR	4'-0"	14	* A4	9	#4	STR	13'-4"	81
* B1	60	#5	STR	23'-11"	1497	A104	9	#4	STR	13'-4"	81
B101	60	#6	STR	24'-5"	2201	* A5	9	#4	STR	10'-8"	65
* B2	2	#5	STR	9'-8"	21	A105	9	#4	STR	10'-8"	65
B102	2	#6	STR	9'-8"	30	* A6	9	#4	STR	8'-0"	49
* B3	1	#5	STR	23'-11"	25	A106	9	#4	STR	8'-0"	49
B103	1	#6	STR	23'-11"	36	* A7	9	#4	STR	5'-3"	32
* B4	3	#5	STR	24'-8"	78	A107	9	#4	STR	5'-3"	32
B104	3	#6	STR	24'-8"	112	* B5	60	#5	STR	23'-10"	1492
B110	4	#4	STR	24'-8"	66	B105	60	#6	STR	24'-4"	2193
* J1	50	#4	1	1'-5"	48	* B6	3	#5	STR	25'-3"	80
U1	26	#5	4	4'-4"	109	B106	3	#6	STR	25'-3"	114
REINFORCING STEEL						3547 LBS.					
* EPOXY COATED REINFORCING STEEL						2630 LBS.					
CLASS "AA" CONCRETE						35.6 C. Y.					
* J1						59 #4 1 1'-5" 56					
REINFORCING STEEL						4303 LBS.					
* EPOXY COATED REINFORCING STEEL						3400 LBS.					
CLASS "AA" CONCRETE						40.6 C. Y.					

**SPLICE LENGTHS**

BAR SIZE	EPOXY COATED	UNCOATED
#4	1'-11"	1'-7"
#5	2'-5"	2'-0"
#6	3'-7"	2'-5"

**NOTES**

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

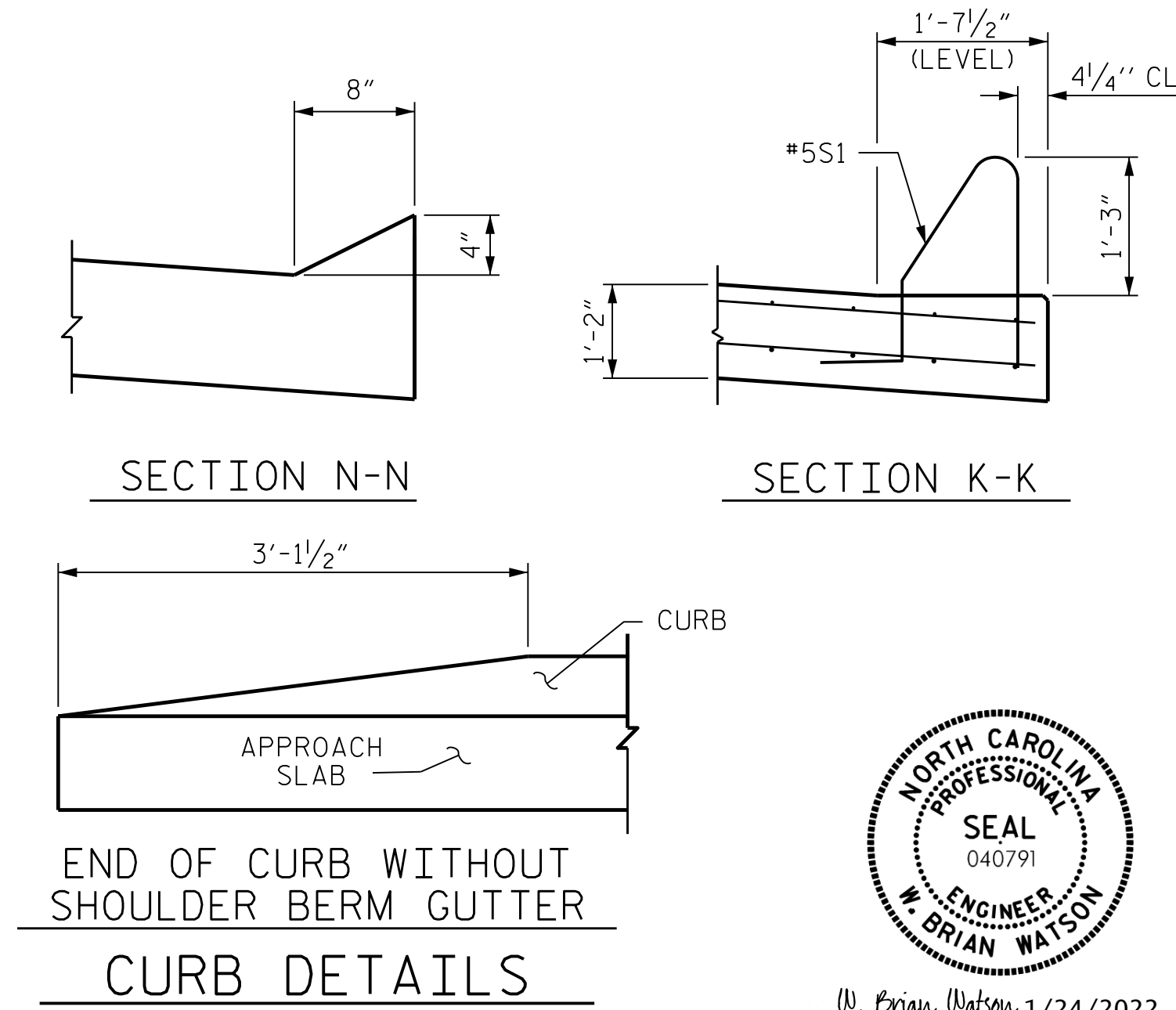
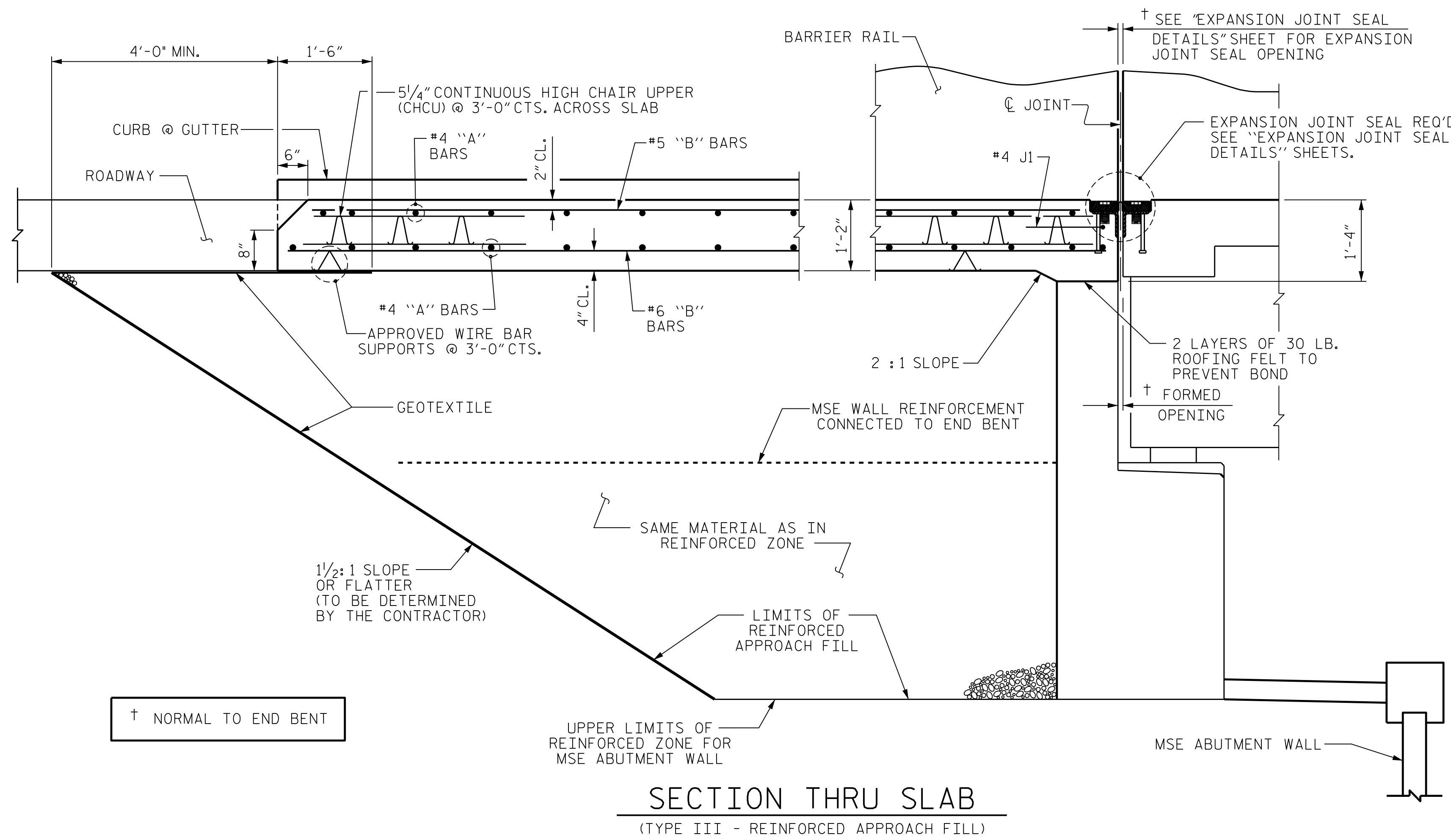
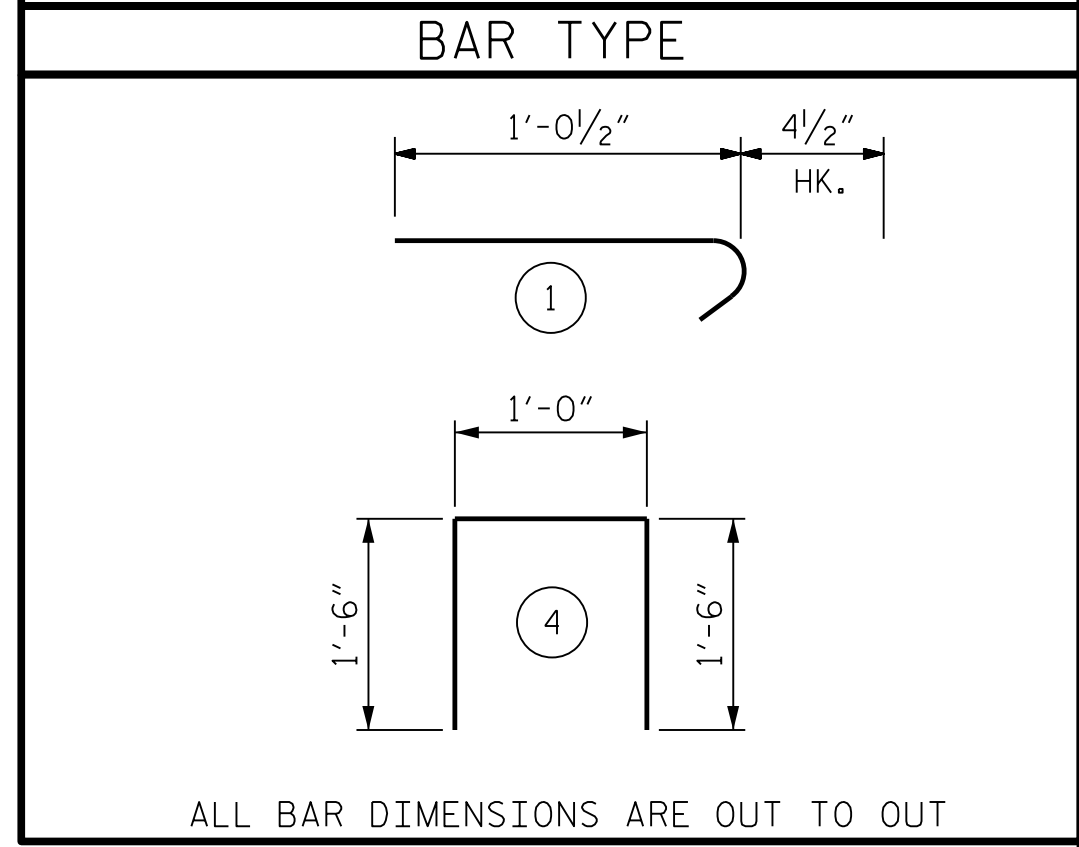
GEOTEXTILE SHALL BE TYPE 1 IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS SECTION 1056.

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.

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.

FOR EXPANSION JOINT SEALS, SEE SPECIAL PROVISIONS.



\*\* QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED. SEE SHEET 3 OF 4.

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.

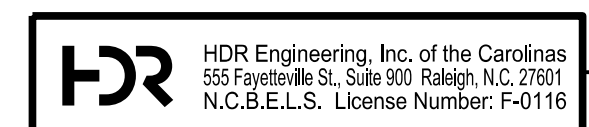
PROJECT NO. B-3186/B-5898  
HAYWOOD COUNTY  
 STATION: 27+54.43 -Y1RT-  
 SHEET 4 OF 4

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**BRIDGE APPROACH SLAB DETAILS**



W. Brian Watson 1/24/2022



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

**REVISIONS**

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

SHEET NO. S02-48  
 TOTAL SHEETS 48

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DES BY: <u>H. ABU NIMEH</u>	DATE: <u>08/21</u>	DWG BY: <u>B. PETERSON</u>	DATE: <u>08/21</u>
DES CHK: <u>S. NIFONG</u>	DATE: <u>08/21</u>	CHK BY: <u>S. NIFONG</u>	DATE: <u>08/21</u>