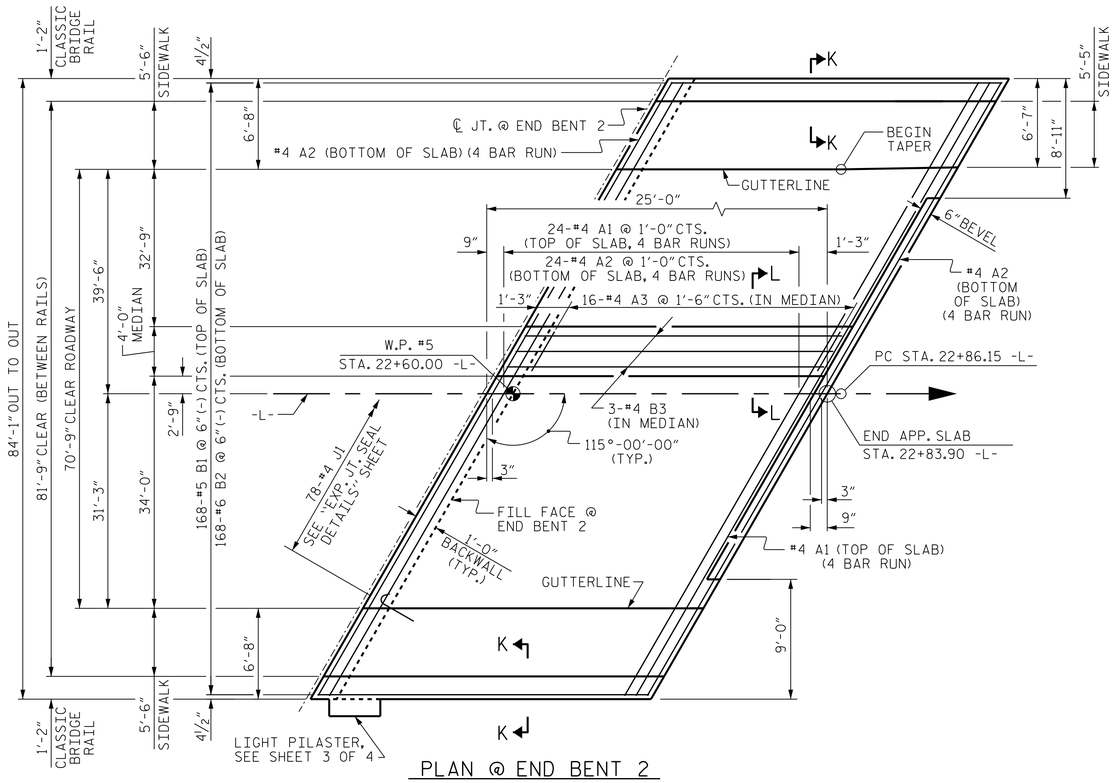
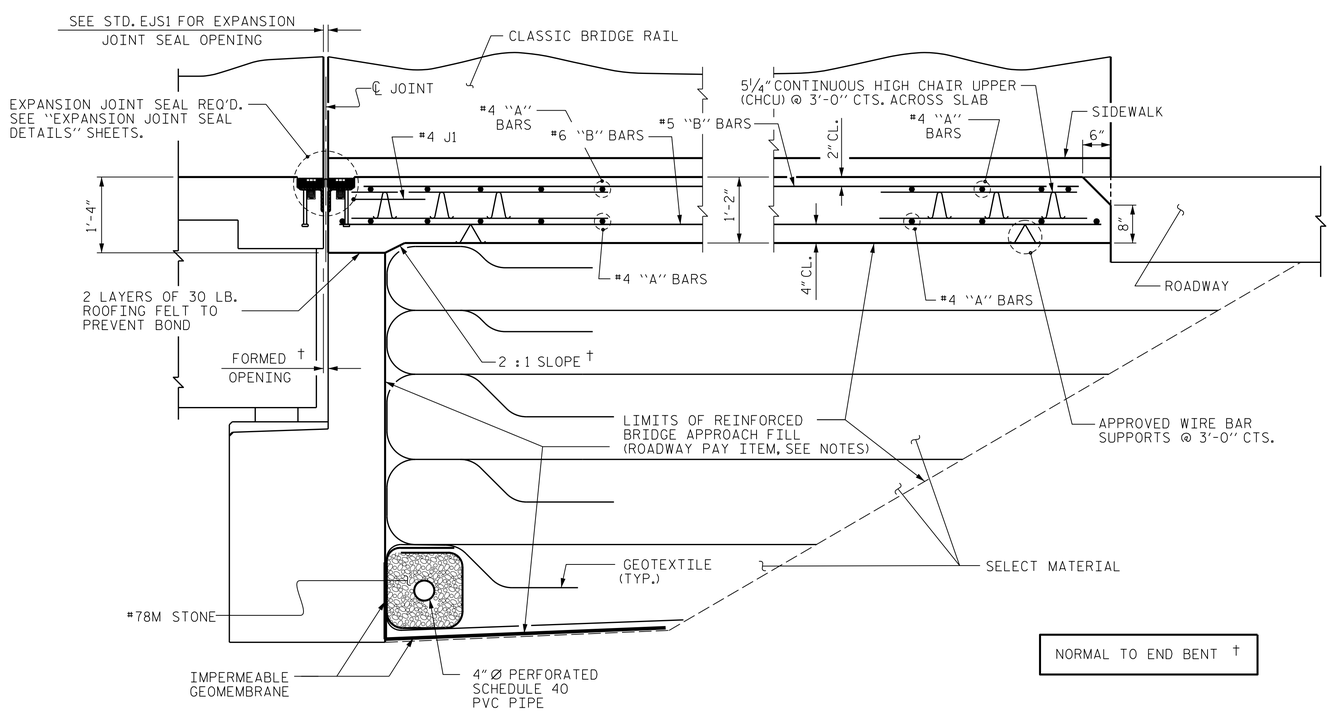
DocuSign Envelope ID: A67ABEF4-0DAE-48C7-97EB-263367BB90D4



PLAN @ END BENT 2



SECTION THRU SLAB

NORMAL TO END BENT †

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

NOTES

FOR APPROACH SLAB NOTES, SECTIONS K-K & L-L AND FOR DETAILS OF SIDEWALK ON APPROACH SLAB, SEE SHEET 1 OF 4.

RIGHT AND LEFT EDGES OF APPROACH SLAB ARE PARALLEL. LEFT GUTTERLINE TAPERS TO ACCOMODATE HORIZONTAL CURVATURE BEGINNING AT STA. 22+86.15 -L-.

BILL OF MATERIAL
APPROACH SLAB AT EB 2

STAGE I

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	100	#4	STR	24'-8"	1648
A2	104	#4	STR	24'-5"	1696
* A3	16	#4	STR	2'-11"	31
* B1	168	#5	STR	23'-7"	4132
B2	168	#6	STR	24'-6"	6182
* B3	3	#4	STR	23'-8"	47
* J1	78	#4	2	1'-5"	74
* U1	20	#4	1	3'-2"	42

REINFORCING STEEL	LBS.	7878
* EPOXY COATED REINFORCING STEEL	LBS.	5974
CLASS AA CONCRETE		
POUR 1 APPROACH SLAB	C. Y.	91.1
POUR 2 MEDIAN	C. Y.	1.5
TOTAL	C. Y.	92.6

STAGE II

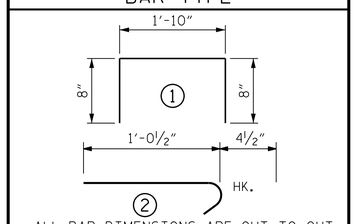
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* B4	8	#4	STR	24'-2"	129
* G1	50	#4	STR	5'-6"	184

* EPOXY COATED REINFORCING STEEL	LBS.	313
CLASS AA CONCRETE	C. Y.	6.9

TOTAL QUANTITIES **

REINFORCING STEEL	LBS.	7878
* EPOXY COATED REINFORCING STEEL	LBS.	6287
CLASS AA CONCRETE	C. Y.	99.5

BAR TYPE



ALL BAR DIMENSIONS ARE OUT TO OUT.

** QUANTITIES FOR CLASSIC BRIDGE RAIL ARE NOT INCLUDED. SEE SHEET 3 OF 4.

CONCRETE QUANTITY FOR SIDEWALK INCLUDES VOLUME UNDER RAIL.

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-4565
LENOIR COUNTY
STATION: 20+17.50 -L-

SHEET 2 OF 4

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

BRIDGE APPROACH SLAB FOR FLEXIBLE PAVEMENT

NORTH CAROLINA PROFESSIONAL SEAL 027799 ENGINEER ALLYSON K. ORR
11/13/2014

MI ENGINEERING
1011 SCHAUB DRIVE, SUITE 100
RALEIGH, NC 27606
(919) 851-6606
FIRM PE NUMBER : P-0671

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

SHEET NO. S-57
TOTAL SHEETS 118

DRAWN BY :	B.E. ATKINSON	DATE :	08/14
CHECKED BY :	A.K. ORR	DATE :	09/14
DESIGN ENGINEER OF RECORD :	A.K. ORR	DATE :	10/14

11/13/2014
1:22:50 PM
User: blanning
Filename: P:\NC Bridges\MI4001.01 - B-4565 Lenoir\Site 1\Structures\401_280_S01_B4565_SMU_BAS02.dgn