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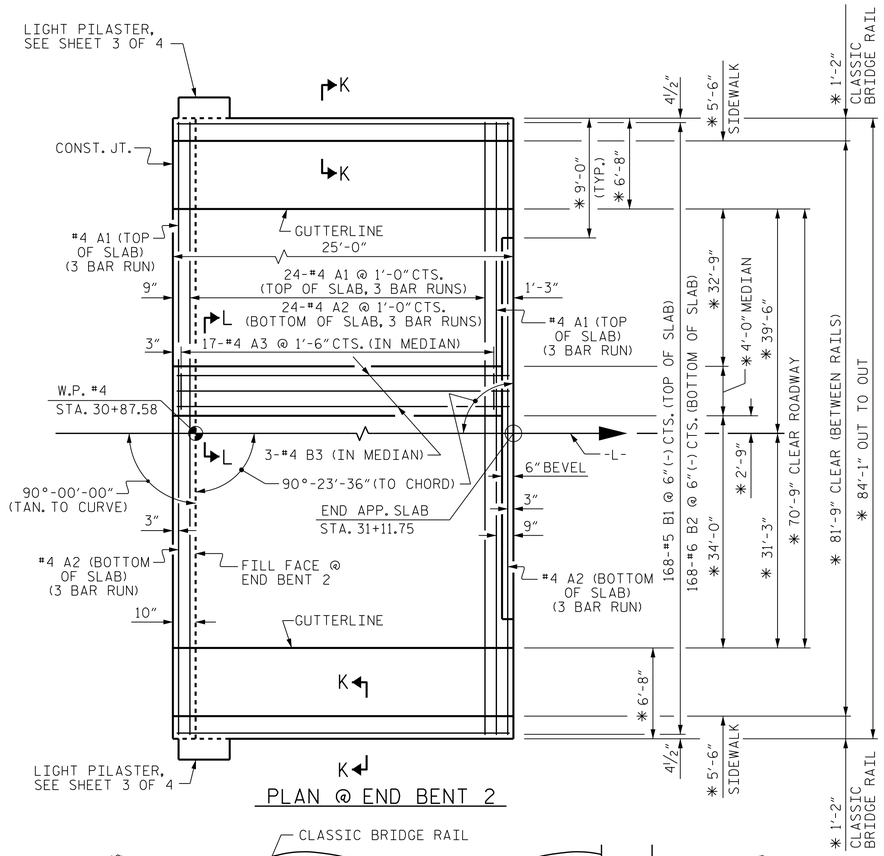
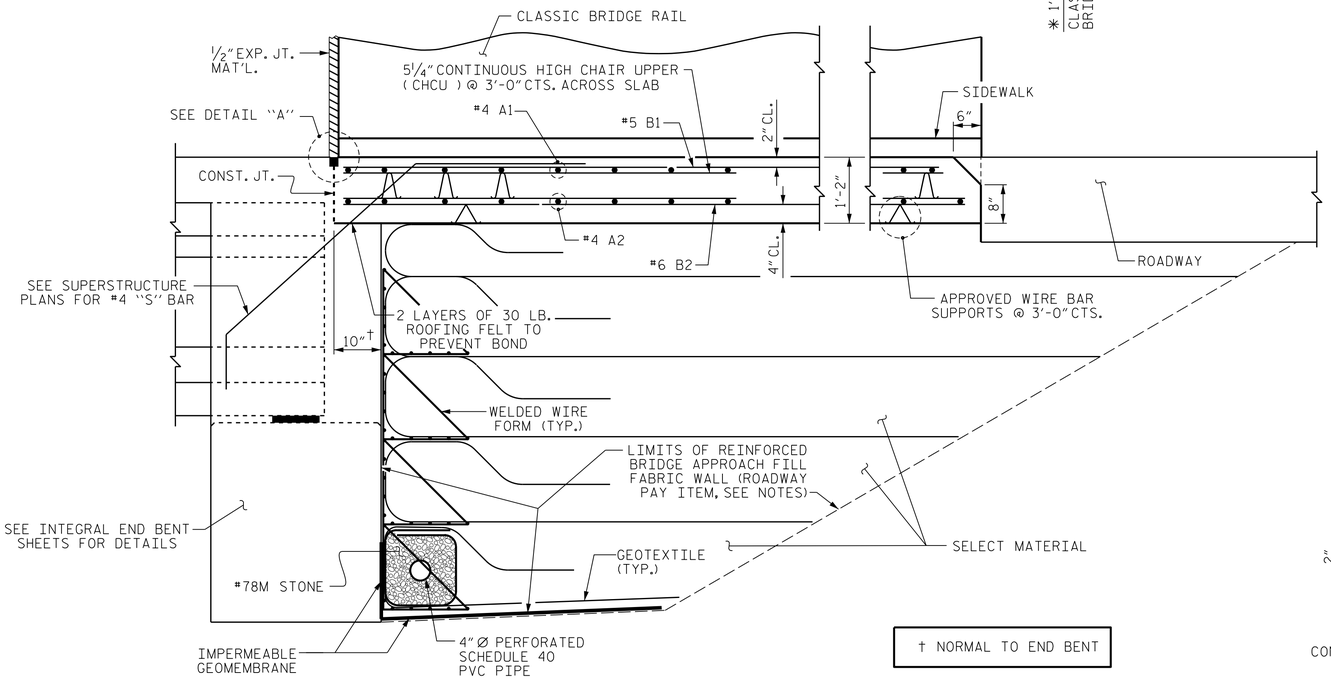


PLAN @ END BENT 2



† NORMAL TO END BENT

SECTION THRU SLAB

NOTES

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

* RADIAL DIMENSIONS

NOTE: ARC OFFSETS ARE NEGLIGIBLE.

BILL OF MATERIAL

APPROACH SLAB AT EB 2

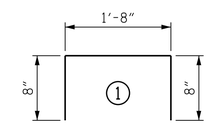
STAGE II

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	78	#4	STR	29'-3"	1524
A2	78	#4	STR	29'-1"	1515
* A3	17	#4	STR	2'-8"	30
* B1	168	#5	STR	24'-2"	4235
B2	168	#6	STR	24'-8"	6224
* B3	3	#4	STR	24'-2"	48
* U1	20	#4	1	3'-0"	40
.	.	.	.	.	.
REINFORCING STEEL				LBS.	7,739
* EPOXY COATED . REINFORCING STEEL				LBS.	5,877
CLASS AA CONCRETE					
POUR 1 APPROACH SLAB				C.Y.	90.6
POUR 2 CONCRETE MEDIAN				C.Y.	1.4
TOTAL				C.Y.	92.0

STAGE III

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* B4	8	#4	STR	24'-8"	132
.	.	.	.	.	.
* G1	50	#4	STR	5'-0"	167
* EPOXY COATED . REINFORCING STEEL				LBS.	299
CLASS AA CONCRETE				C.Y.	7.0

BAR TYPE

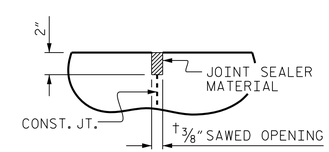


ALL BAR DIMENSIONS ARE OUT TO OUT

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

CONCRETE QUANTITY FOR SIDEWALK INCLUDES VOLUME UNDER RAIL.

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



DETAIL "A"

PROJECT NO. B-4565

LENOIR COUNTY

STATION: 29+57.00 -L-

SHEET 2 OF 4

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

BRIDGE APPROACH SLAB FOR FLEXIBLE PAVEMENT

NORTH CAROLINA PROFESSIONAL SEAL 041343 ENGINEER GREGORY R. COLS

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-115

TOTAL SHEETS 118

DRAWN BY :	B.E. ATKINSON	DATE :	08/14
CHECKED BY :	G.R. COLS	DATE :	09/14
DESIGN ENGINEER OF RECORD :	G.R. COLS	DATE :	10/14

11/13/2014
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