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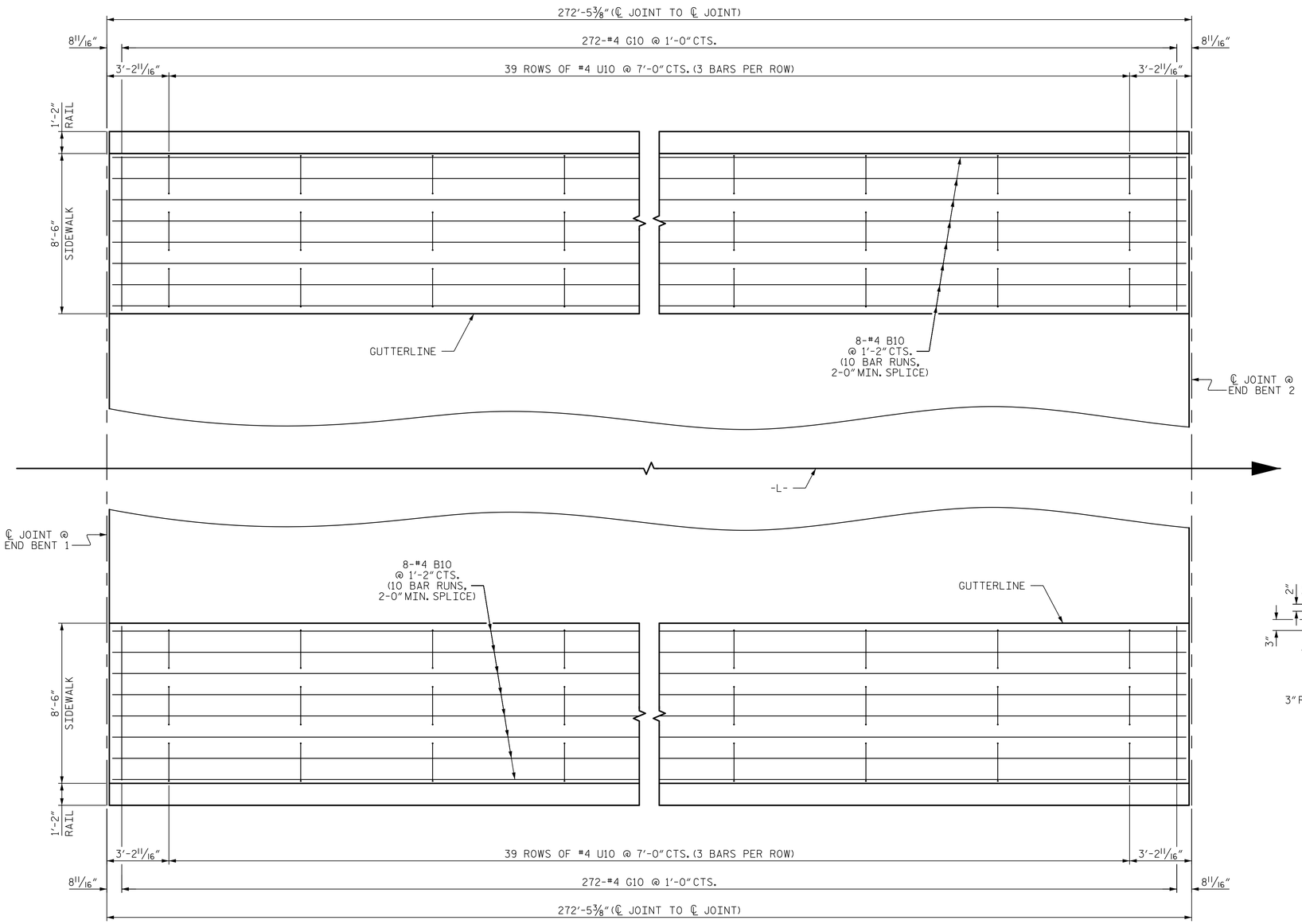
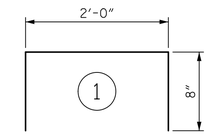


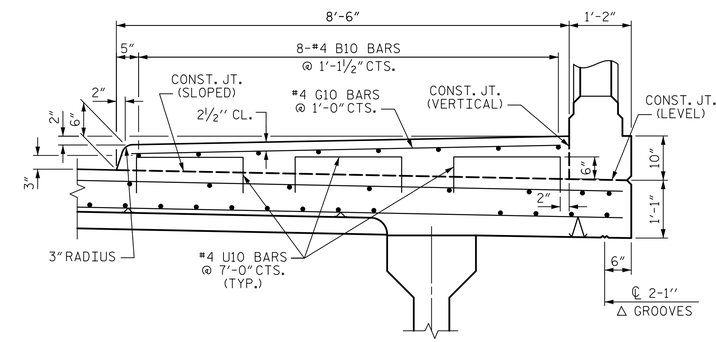
PLAN

BILL OF MATERIAL FOR BOTH SIDEWALKS					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* B10	160	4	STR.	27'-5''	2930
* G10	544	4	STR.	7'-10''	2847
* U10	234	4	1	3'-4''	521
* EPOXY COATED REINFORCING STEEL					6,298 LBS.
CLASS AA CONCRETE					113.1 CU. YDS.



ALL BAR DIMENSIONS ARE OUT TO OUT

FOR SIDEWALK ON APPROACH SLABS, SEE "BRIDGE APPROACH SLAB DETAILS" SHEET.



SECTION THRU SIDEWALK

PROJECT NO. B-5103
NEW HANOVER COUNTY
STATION: 16+84.96 -L-

NOTES:

FOR CLASSIC CONCRETE BRIDGE RAIL RINFORCING STEEL AND DETAILS, SEE "CLASSIC CONCRETE BRIDGE RAIL" SHEETS.

GROOVED CONTRACTION JOINTS, 1/2" IN DEPTH, SHALL BE TOOLED IN ALL EXPOSED FACES OF THE SIDEWALK IN ACCORDANCE WITH ARTICLE 825-10(B) OF THE STANDARD SPECIFICATIONS. THE CONTRACTION JOINTS SHALL BE LOCATED AT A SPACING OF 8 FEET TO 10 FEET BETWEEN EXPANSION JOINTS. NO CONTRACTION JOINT WILL BE REQUIRED FOR SEGMENTS LESS THAN 10 FEET IN LENGTH.

THE SIDEWALK ON A CONTINUOUS UNIT SHALL NOT BE CAST UNTIL ALL SLAB CONCRETE IN THE UNIT HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.

THE #4 U10 BARS MAY BE PUSHED INTO GREEN CONCRETE AFTER DECK HAS BEEN SCREEDED OFF.

ALL REINFORCING STEEL IN THE SIDEWALK SHALL BE EPOXY COATED.

FOR SIDEWALK COVER PLATE DETAILS AT EXPANSION JOINTS, SEE "EXPANSION JOINT SEAL DETAILS FOR SIDEWALK" SHEETS.

PAYMENT FOR THE SIDEWALK ON THE BRIDGE DECK SHALL BE INCLUDED IN THE "REINFORCED CONCRETE DECK SLAB" PAY ITEM.

A STAMPED PATTERN IS REQUIRED FOR THE SIDEWALK. SEE SHEET S-26 FOR DETAILS.

Prepared by
URS
URS Corporation - North Carolina
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NC LIC.# C-2243

12/10/2014

NORTH CAROLINA PROFESSIONAL SEAL 038447 ENGINEER ANDREW S. MILLER

DocuSigned by:
Andrew S. Miller
D5D82DD94054460...

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE

SIDEWALK DETAILS

REVISIONS								SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:			S-29
1			3					TOTAL SHEETS
2			4					48

DRAWN BY :	M. K. TOM	DATE :	8/5/14
CHECKED BY :	G. L. HAMILTON	DATE :	8/27/14
DESIGNED BY :	M. K. TOM	DATE :	8/5/14

12/9/2014
P:\Jobs1\B5103_3rd St Wilmington\Structures\Submittals\2014_1210 Sidewalk Revisions\401_059_S01_B5103_SW_01.dgn
Kyle_Compton