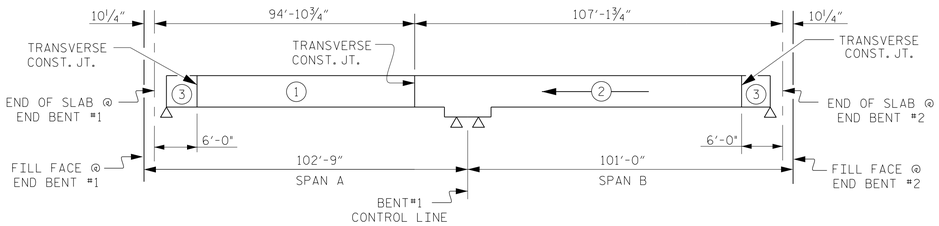
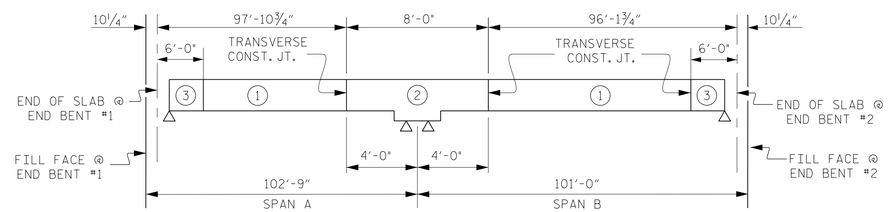


POURING SEQUENCE

(CONTINUOUS FOR LIVE LOAD)

KEY

—(#)— = INDICATES POUR NUMBER AND DIRECTION OF POUR



OPTIONAL POURING SEQUENCE

(CONTINUOUS FOR LIVE LOAD)

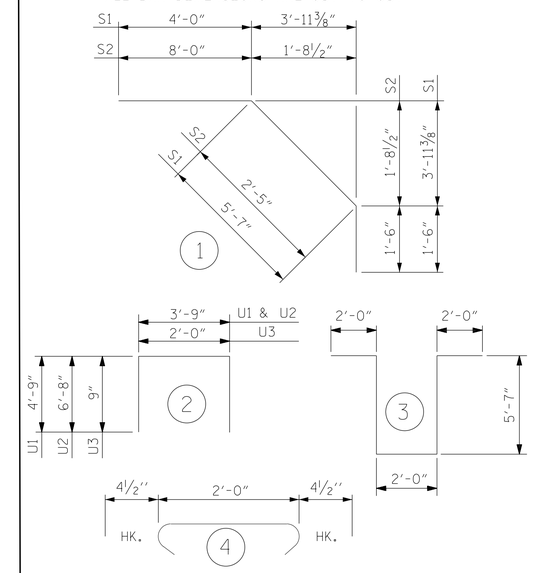
KEY

(#) = INDICATES POUR NUMBER

GROOVING BRIDGE FLOORS		
APPROACH SLABS	2,800	SQ.FT.
BRIDGE DECK	11,314	SQ.FT.
TOTAL	14,114	SQ.FT.

BAR TYPES

ALL BAR DIMENSIONS ARE OUT TO OUT

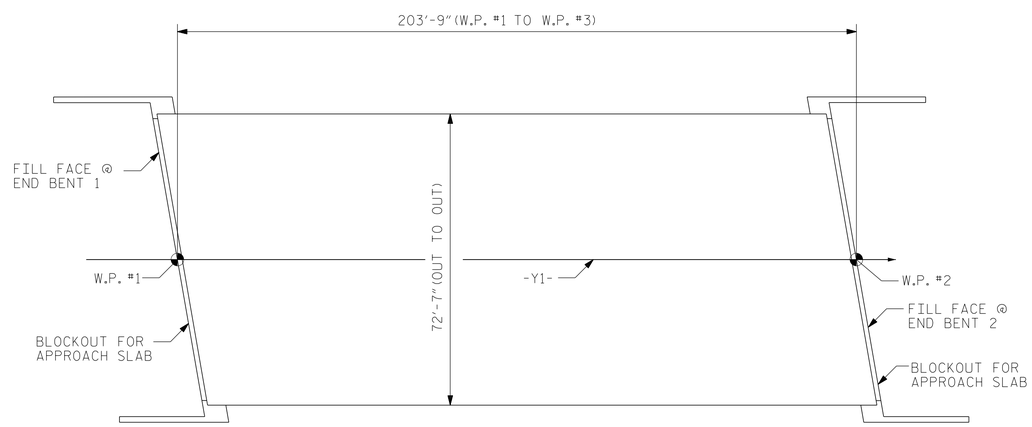


SUPERSTRUCTURE BILL OF MATERIAL

	CLASS AA CONCRETE	REINFORCING STEEL	EPOXY COATED REINFORCING STEEL
	(CU. YDS.)	(LBS.)	(LBS.)
		STAGE I	
POUR #1	88.4		
POUR #2	112.7		
POUR #3	79.8		
SIDEWALK	23.2		
TOTALS**	304.1	20,575	25,909
		STAGE II	
POUR #1	98.9		
POUR #2	126.3		
POUR #3	90.1		
SIDEWALK	23.2		
TOTALS**	338.5	25,087	26,914
		STAGE III (CLOSURE POUR)	
POUR #1	37.0		
TOTALS**	37.0	1,515	1,031

** QUANTITIES FOR CLASSIC RAIL AND END POST ARE NOT INCLUDED

SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS					
BAR SIZE	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPET, AND BARRIER RAIL		APPROACH SLABS		PARAPET AND BARRIER RAIL
	EPOXY COATED	UNCOATED	EPOXY COATED	UNCOATED	
#4	2'-0"	1'-9"	2'-0"	1'-9"	2'-9"
#5	2'-6"	2'-2"	2'-6"	2'-2"	3'-5"
#6	3'-0"	2'-7"	3'-10"	2'-7"	4'-4"
#7	5'-3"	3'-6"			
#8	6'-10"	4'-7"			



LAYOUT FOR COMPUTING AREA REINFORCED CONCRETE DECK SLAB (SQ. FT. = 14,789)

PROJECT NO. I-0914BA

VANCE COUNTY

STATION: 22+06.96 -Y1- POT

SHEET 2 OF 2

NORTH CAROLINA PROFESSIONAL SEAL 11725 ENGINEER DAVID R. RUGGLES

DocuSigned by: David Ruggles C462768DF412422... 11/17/2014

DWG. 34 OF 48

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE BILL OF MATERIAL

STEWART
Firm License No. C-1051
421 Fayetteville St,
Suite 400
Raleigh, NC 27601
T 919.380.8750
www.stewartinc.com

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-34
1			3			TOTAL SHEETS
2			4			177

DRAWN BY:	M. BURNS	DATE :	08/14
CHECKED BY:	D. RUGGLES	DATE :	09/14
DESIGN ENGINEER OF RECORD:	D. RUGGLES	DATE :	09/14