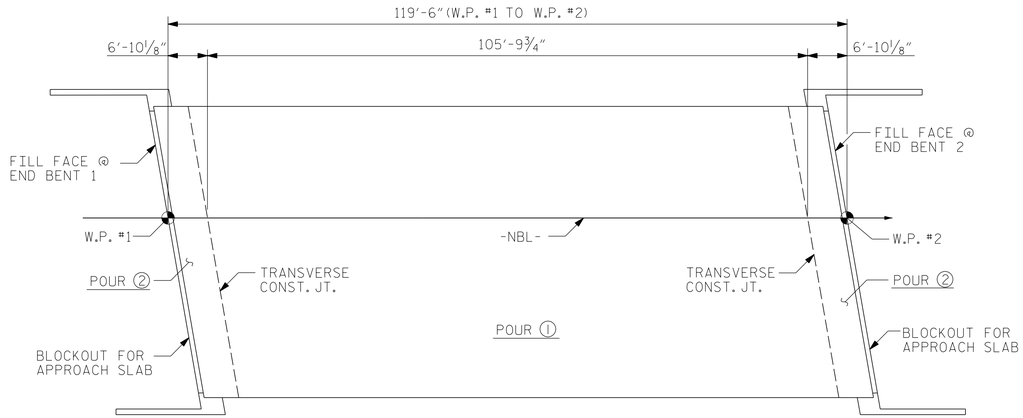


POURING SEQUENCE

CONCRETE IN THE UPPER PORTION OF THE WINGS SHALL BE INCLUDED WITH THE SUPERSTRUCTURE POUR.

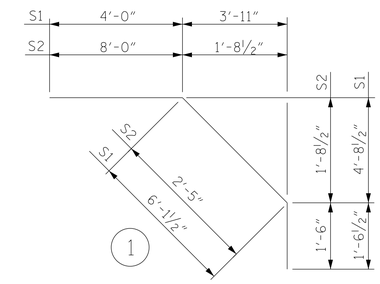
BILL OF MATERIAL

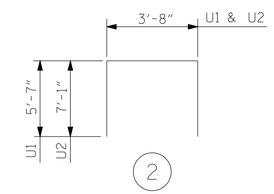
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✳ A1	201	#5	STR	50'-10"	10,657	✳ B1	175	#4	STR	25'-2"	2,942
✳ A2	2	#5	STR	48'-4"	101	B2	46	#5	STR	40'-11"	1,963
✳ A3	2	#5	STR	45'-3"	94	B3	92	#6	STR	40'-11"	5,654
✳ A4	2	#5	STR	42'-1"	88	✳ B4	132	#6	STR	24'-0"	4,758
✳ A5	2	#5	STR	39'-0"	81						
✳ A6	2	#5	STR	35'-10"	75	H1	30	#5	STR	20'-9"	649
✳ A7	2	#5	STR	32'-9"	68	H2	30	#5	STR	18'-7"	581
✳ A8	2	#5	STR	29'-8"	62	H3	30	#5	STR	20'-7"	644
✳ A9	2	#5	STR	26'-6"	55	H4	30	#5	STR	18'-9"	587
✳ A10	2	#5	STR	23'-5"	49						
✳ A11	2	#5	STR	20'-4"	42	K1	14	#5	STR	57'-8"	842
✳ A12	2	#5	STR	17'-2"	36	K2	40	#5	STR	9'-11"	414
✳ A13	2	#5	STR	14'-1"	29	K3	8	#5	STR	8'-3"	69
✳ A14	2	#5	STR	10'-11"	23	K4	8	#5	STR	6'-10"	57
✳ A15	2	#5	STR	7'-10"	16	K5	20	#5	STR	6'-8"	139
✳ A16	2	#5	STR	4'-9"	10	K6	4	#5	STR	5'-11"	25
A17	201	#5	STR	50'-10"	10,657	K7	4	#5	STR	5'-2"	22
A18	2	#5	STR	48'-4"	101						
A19	2	#5	STR	45'-3"	94	✳ S1	72	#4	1	11'-8"	561
A20	2	#5	STR	42'-1"	88	✳ S2	72	#4	1	11'-11"	573
A21	2	#5	STR	39'-0"	81						
A22	2	#5	STR	35'-10"	75	U1	76	#4	2	14'-10"	753
A23	2	#5	STR	32'-9"	68	U2	12	#4	2	17'-10"	143
A24	2	#5	STR	29'-8"	62						
A25	2	#5	STR	26'-6"	55	V2	148	#4	STR	7'-1"	700
A26	2	#5	STR	23'-5"	49						
A27	2	#5	STR	20'-4"	42						
A28	2	#5	STR	17'-2"	36						
A29	2	#5	STR	14'-1"	29						
A30	2	#5	STR	10'-11"	23						
A31	2	#5	STR	7'-10"	16						
A32	2	#5	STR	4'-9"	10						

REINFORCING STEEL	24,728 LBS.
✳ EPOXY COATED REINF. STEEL	20,320 LBS.

✳ DENOTES EPOXY COATED REINFORCING STEEL

BAR TYPES





ALL BAR DIMENSIONS ARE OUT TO OUT

GROOVING BRIDGE FLOORS

APPROACH SLABS	2636	SQ.FT.
BRIDGE DECK	5302	SQ.FT.
TOTAL	7938	SQ.FT.

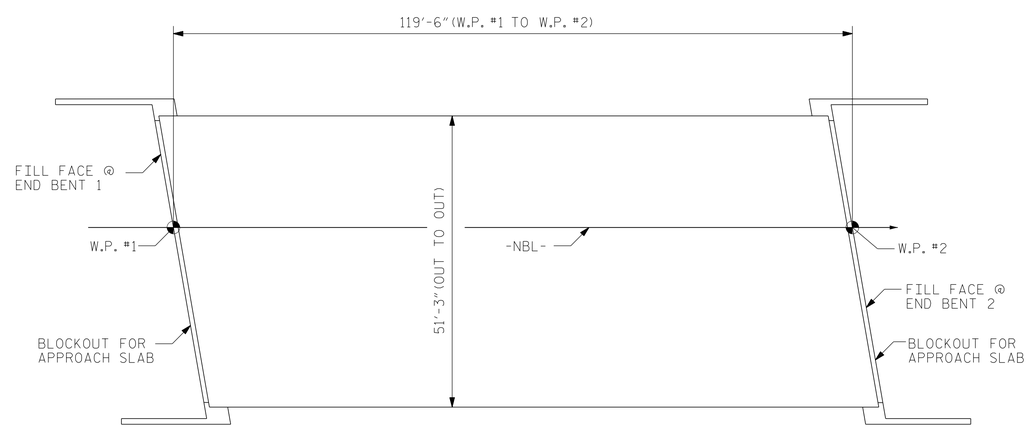
SUPERSTRUCTURE BILL OF MATERIAL

	CLASS AA CONCRETE	REINFORCING STEEL	EPOXY COATED REINFORCING STEEL
	(CU. YDS.)	(LBS.)	(LBS.)
POUR #1	180.5		
POUR #2	147.2		
TOTALS✳✳	327.7	24,728	20,320

✳✳QUANTITIES FOR BARRIER RAIL 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. = 6,124)

PROJECT NO. I-0914BA

VANCE COUNTY

STATION: 421+29.07 -NBL- POT
13+36.32 -Y7- POT

SHEET 1 OF 1

NORTH CAROLINA PROFESSIONAL SEAL 11725 ENGINEER DAVID R. RUGGLES

DocuSigned by: David Ruggles C4627680F412422... 11/14/2014

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE BILL OF MATERIAL

DWG. 18 OF 26

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

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

SHEET NO. S-169

TOTAL SHEETS 177

DRAWN BY: J. LOFTUS DATE: 05/14
CHECKED BY: D. RUGGLES DATE: 05/14
DESIGN ENGINEER OF RECORD: D. RUGGLES DATE: 04/14

SITE IV (-NBL-)