

BILL OF MATERIAL					
BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	104	#5	STR	28'-9"	3119
* A2	104	#5	STR	30'-2"	3272
* A3	104	#5	STR	31'-7"	3426
* A4	104	#5	STR	33'-1"	3589
* A5	104	#5	STR	34'-6"	3742
* A6	104	#6	STR	29'-0"	4530
* A7	104	#6	STR	30'-5"	4751
* A8	104	#6	STR	31'-10"	4973
* A9	104	#6	STR	33'-4"	5207
* A10	104	#6	STR	34'-9"	5428
* B1	450	#4	STR	30'-0"	9018
* B2	231	#5	STR	50'-0"	12047
* G1	1	#5	STR	52'-0"	54
* G2	2	#5	STR	34'-6"	72
* J1	113	#4	1	1'-5"	107
* K1	4	#8	2	13'-1"	140
* K2	8	#8	3	21'-0"	449
* K3	10	#6	STR	4'-7"	69
* K4	4	#8	2	16'-0"	171
* K5	8	#8	3	26'-10"	573
* K6	10	#6	STR	7'-5"	111
* S1	65	#4	4	2'-7"	112
* S2	65	#5	5	5'-11"	401

ALL BAR DIMENSIONS ARE OUT TO OUT

SUPERSTRUCTURE BILL OF MATERIAL		
	CLASS AA CONCRETE (CU. YDS.)	EPOXY COATED REINFORCING STEEL (LBS.)
POUR 1	265.6	-
POUR 2	16.1	-
TOTALS**	281.7	65,361

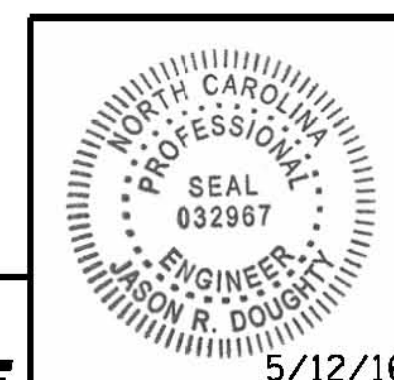
* EPOXY COATED REINFORCING STEEL 65,361 (LBS.)

**QUANTITIES FOR BARRIER RAIL AND PARAPET 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"			

PROJECT NO. B-4929
PENDER COUNTY
STATION: 38+13.81 -L2-
SHEET 8 OF 9



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD
SUPERSTRUCTURE
BILL OF MATERIAL
UNIT 9

REVISIONS

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

SHEET NO. S-147
TOTAL SHEETS 278

GROOVING BRIDGE FLOORS

BRIDGE DECK	7069 SQ.FT.
TOTAL	7,069 SQ.FT.

PARSONS BRINCKERHOFF
434 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
LICENSE NO. F-0165

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

5/11/2016 400_287_B4929_SMU_BOM_09.dgn

DESIGNED BY: J. SMITH	DATE: FEB 2016		
DRAWN BY: M. HOBBS	DATE: MAR 2016		
CHECKED BY: E. DAVIS	DATE: MAR 2016		
DESIGN ENGINEER OF RECORD: J. DOUGHTY	DATE: MAY 2016		
DRAWN BY: JMB	5/87	REV. 8/16/99	RWW/LES
CHECKED BY: SJD	9/87	REV. 5/1/06	TLA/GM
		REV. 10/1/11	MAA/GM