



REINFORCING BAR SCHEDULE

SPANS A & B						SPANS C, D, & E					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1E	315	#5	STR	37'-11"	12,457	A1E	473	#5	STR	37'-11"	18,706
A2	315	#5	STR	37'-11"	12,457	A2	473	#5	STR	37'-11"	18,706
B1E	54	#4	STR	36'-8"	1,323	B1E	54	#4	STR	36'-8"	1,323
B2	120	#5	STR	47'-5"	5,935	B3E	77	#6	STR	18'-5"	2,130
B3E	77	#6	STR	18'-5"	2,130	B4E	202	#6	STR	15'-4"	4,652
B4E	101	#6	STR	15'-4"	2,326	B5	122	#5	STR	13'-4"	1,697
B5	61	#5	STR	13'-4"	848	B6E	81	#4	STR	30'-4"	1,641
B6E	81	#4	STR	30'-4"	1,641	B7	150	#5	STR	56'-9"	8,879
G1E	1	#5	STR	37'-11"	40	B8E	81	#4	STR	28'-9"	1,556
						G1E	1	#5	STR	37'-11"	40
K1	4	#4	STR	37'-11"	101						
K2	3	#4	STR	7'-1"	14	K1	4	#4	STR	37'-11"	101
K3	6	#4	STR	8'-8"	35	K2	3	#4	STR	7'-1"	14
K4	3	#4	STR	6'-5"	13	K3	6	#4	STR	8'-8"	35
K5	4	#4	STR	1'-4"	4	K4	3	#4	STR	6'-5"	13
K6	8	#4	STR	2'-0"	11	K5	4	#4	STR	1'-4"	4
K7	4	#4	STR	11"	2	K6	8	#4	STR	2'-0"	11
K8E	4	#8	1	14'-10"	158	K7	4	#4	STR	11"	2
K9E	4	#8	2	23'-6"	251	K8E	4	#8	1	14'-10"	158
K10E	6	#5	STR	9'-3"	58	K9E	4	#8	2	23'-6"	251
K11	24	#5	STR	7'-7"	190	K10E	6	#5	STR	9'-3"	58
						K11	36	#5	STR	7'-7"	285
S1E	24	#4	3	11'-11"	191						
S2E	24	#4	3	9'-4"	150	S1E	24	#4	3	11'-11"	191
S3E	21	#5	4	5'-1"	111	S2E	24	#4	3	9'-4"	150
S4	48	#4	5	4'-10"	155	S3E	21	#5	4	5'-1"	111
						S4	72	#4	5	4'-10"	232
U1	24	#4	6	8'-3"	132						
U2	4	#4	6	7'-5"	20	U1	24	#4	6	8'-3"	132
						U2	4	#4	6	7'-5"	20
EPOXY COATED REINF. STEEL (LBS.)						EPOXY COATED REINF. STEEL (LBS.)					
20,836						30,967					
REINF. STEEL (LBS.)						REINF. STEEL (LBS.)					
19,917						30,131					

*E" SUFFIX DENOTES EPOXY COATED REINFORCING STEEL.

SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS

BAR SIZE	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPETS, AND BARRIER RAILS		APPROACH SLABS		PARAPETS AND BARRIER RAILS
	EPOXY COATED	UNCOATED	EPOXY COATED	UNCOATED	
#4	1'-11"	1'-7"	1'-11"	1'-7"	2'-6"
#5	2'-5"	2'-0"	2'-5"	2'-0"	3'-1"
#6	2'-10"	2'-5"	3'-7"	2'-5"	3'-8"
#7	4'-2"	2'-9"			
#8	4'-9"	3'-2"			

CLASS AA CONCRETE

SPANS	POUR #	CLASS AA CONCRETE (CU. YDS.)
A & B	1	206.9
A & B	2	21.9
A & B	3	20.3
TOTAL (SPANS A & B)		249.1 CU. YDS.
C, D, & E	4	302.7
C, D, & E	5	43.8
C, D, & E	6	20.3
TOTAL (SPANS C, D, & E)		366.8 CU. YDS.
TOTAL (SPANS A - E)		615.9 CU. YDS.

- SUPERSTRUCTURE BILL OF MATERIAL -

	REINFORCING STEEL (LBS.)	EPOXY COATED REINFORCING STEEL (LBS.)
SPANS A & B	19,917	20,836
SPANS C, D, & E	30,131	30,967
* TOTALS	50,048	51,803

*QUANTITIES FOR BARRIER RAILS ARE NOT INCLUDED

GROOVING BRIDGE FLOORS

APPROACH SLABS	930 SQ.FT.
BRIDGE DECK	14,703 SQ.FT.
TOTAL	15,633 SQ.FT.

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PROJECT NO. B-5619
LENOIR COUNTY
 STATION: 30+80.00 -L-
 SHEET 2 OF 2

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 STANDARD
 BILL OF MATERIAL

ASSEMBLED BY : J.S. HOBSON	DATE : 11/18/20
CHECKED BY : J.A. LEE	DATE : 12/07/20
DRAWN BY : JMB 5/87	REV. 5/1/06 TLA/GM
CHECKED BY : SJD 9/87	REV. 10/1/11 MAA/GM
	REV. 12/17 MAA/THC

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-25
1			3			TOTAL SHEETS
2			4			40