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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"			

REINFORCING BAR SCHEDULE

STAGE I

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	504	#5	STR	45'-2"	23743
A2	504	#5	STR	44'-10"	23568
* A101	2	#5	STR	40'-11"	85
* A102	2	#5	STR	34'-4"	72
* A103	2	#5	STR	27'-10"	58
* A104	2	#5	STR	21'-4"	45
* A105	2	#5	STR	14'-9"	31
* A106	2	#5	STR	8'-3"	17
A201	2	#5	STR	40'-7"	85
A202	2	#5	STR	34'-0"	71
A203	2	#5	STR	27'-6"	57
A204	2	#5	STR	21'-0"	44
A205	2	#5	STR	14'-5"	30
A206	2	#5	STR	7'-11"	17
* B1	116	#5	STR	32'-5"	3922
* B2	54	#6	STR	17'-10"	1446
* B3	54	#6	STR	20'-10"	1690
B4	345	#5	STR	54'-9"	19701
* B5	87	#7	STR	52'-2"	9277
* B6	162	#7	STR	45'-2"	14956
* B7	10	#4	STR	27'-10"	186
K1	20	#4	STR	24'-5"	326
K3	8	#4	STR	7'-2"	38
K4	24	#4	STR	7'-8"	123
K5	48	#4	STR	8'-8"	278
K6	24	#4	STR	7'-8"	123
K7	2	#4	STR	5'-3"	7
K8	2	#4	STR	5'-5"	7
K9	4	#4	STR	6'-0"	16
K10	2	#4	STR	5'-6"	7
K11	8	#4	STR	2'-8"	14
K12	16	#4	STR	5'-11"	63
K13	20	#4	STR	21'-2"	283
H1	44	#6	STR	15'-8"	1035
* S1	70	#4	1	10'-6"	491
* S2	70	#4	1	11'-11"	557
S3	240	#4	2	2'-9"	441
U1	70	#4	3	11'-0"	514
U2	6	#4	3	13'-4"	53
U4	48	#4	4	14'-10"	476
U5	16	#4	4	12'-10"	137

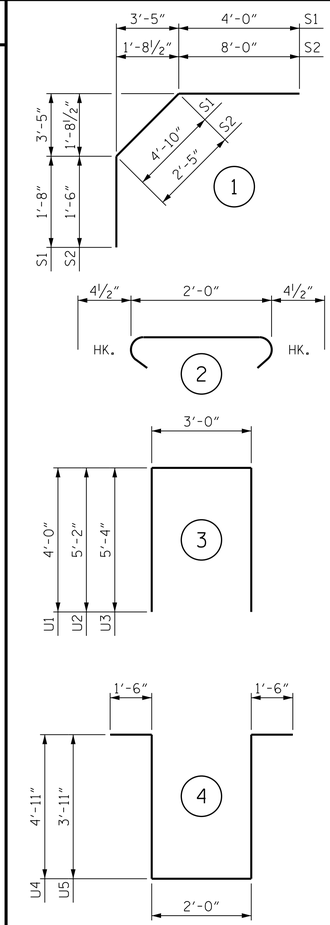
* EPOXY COATED REINFORCING STEEL LBS. 56,576
REINFORCING STEEL LBS. 47,514

STAGE II

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A3	516	#5	STR	41'-5"	22290
A4	516	#5	STR	41'-5"	22290
* A301	2	#5	STR	40'-6"	84
* A302	2	#5	STR	34'-0"	71
* A303	2	#5	STR	27'-6"	57
* A304	2	#5	STR	20'-11"	44
* A305	2	#5	STR	14'-5"	30
* A306	2	#5	STR	7'-10"	16
A401	2	#5	STR	40'-6"	84
A402	2	#5	STR	34'-0"	71
A403	2	#5	STR	27'-6"	57
A404	2	#5	STR	20'-11"	44
A405	2	#5	STR	14'-5"	30
A406	2	#5	STR	7'-10"	16
* B1	116	#5	STR	32'-5"	3922
* B2	54	#6	STR	17'-10"	1446
* B3	54	#6	STR	20'-10"	1690
B4	345	#5	STR	54'-9"	19701
* B5	87	#7	STR	52'-2"	9277
* B6	162	#7	STR	45'-2"	14956
* B7	10	#4	STR	27'-10"	186
K2	20	#4	STR	23'-2"	310
K3	8	#4	STR	7'-2"	38
K4	24	#4	STR	7'-8"	123
K5	48	#4	STR	8'-8"	278
K6	24	#4	STR	7'-8"	123
K12	16	#4	STR	5'-11"	63
K14	20	#4	STR	20'-3"	271
K15	2	#4	STR	4'-8"	6
K16	2	#4	STR	4'-10"	6
K17	4	#4	STR	5'-5"	14
K18	2	#4	STR	4'-11"	7
K19	8	#4	STR	2'-1"	11
H1	44	#6	STR	15'-8"	1035
* S1	68	#4	1	10'-6"	477
* S2	68	#4	1	11'-11"	541
S3	240	#4	2	2'-9"	441
U1	68	#4	3	11'-0"	500
U3	6	#4	3	13'-8"	55
U4	48	#4	4	14'-10"	476
U5	16	#4	4	12'-10"	137

* EPOXY COATED REINFORCING STEEL LBS. 55,087
REINFORCING STEEL LBS. 46,187

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT.

PROJECT NO. B-4565
LENOIR COUNTY
STATION: 29+57.00 -L-

SHEET 2 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD
SUPERSTRUCTURE
BILL OF MATERIAL

NORTH CAROLINA PROFESSIONAL SEAL 041343 ENGINEER GREGORY R. COLS
11/13/2014

MI ENGINEERING
1011 SCHAUB DRIVE, SUITE 100
RALEIGH, NC 27606
(919) 851-6606
FIRM PE NUMBER : P-0671

REVISIONS						
NO.	BY:	DATE:	NO.	BY:	DATE:	SHEET NO. S-97
1			3			TOTAL SHEETS 118
2			4			

STD. NO. BOM2

ASSEMBLED BY: B.E. LANNING		DATE: 09/14	
CHECKED BY : G.R. COLS		DATE: 09/14	
DESIGN ENGINEER OF RECORD: G.R. COLS		DATE: 10/14	
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	

11/13/2014
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User: blanning
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