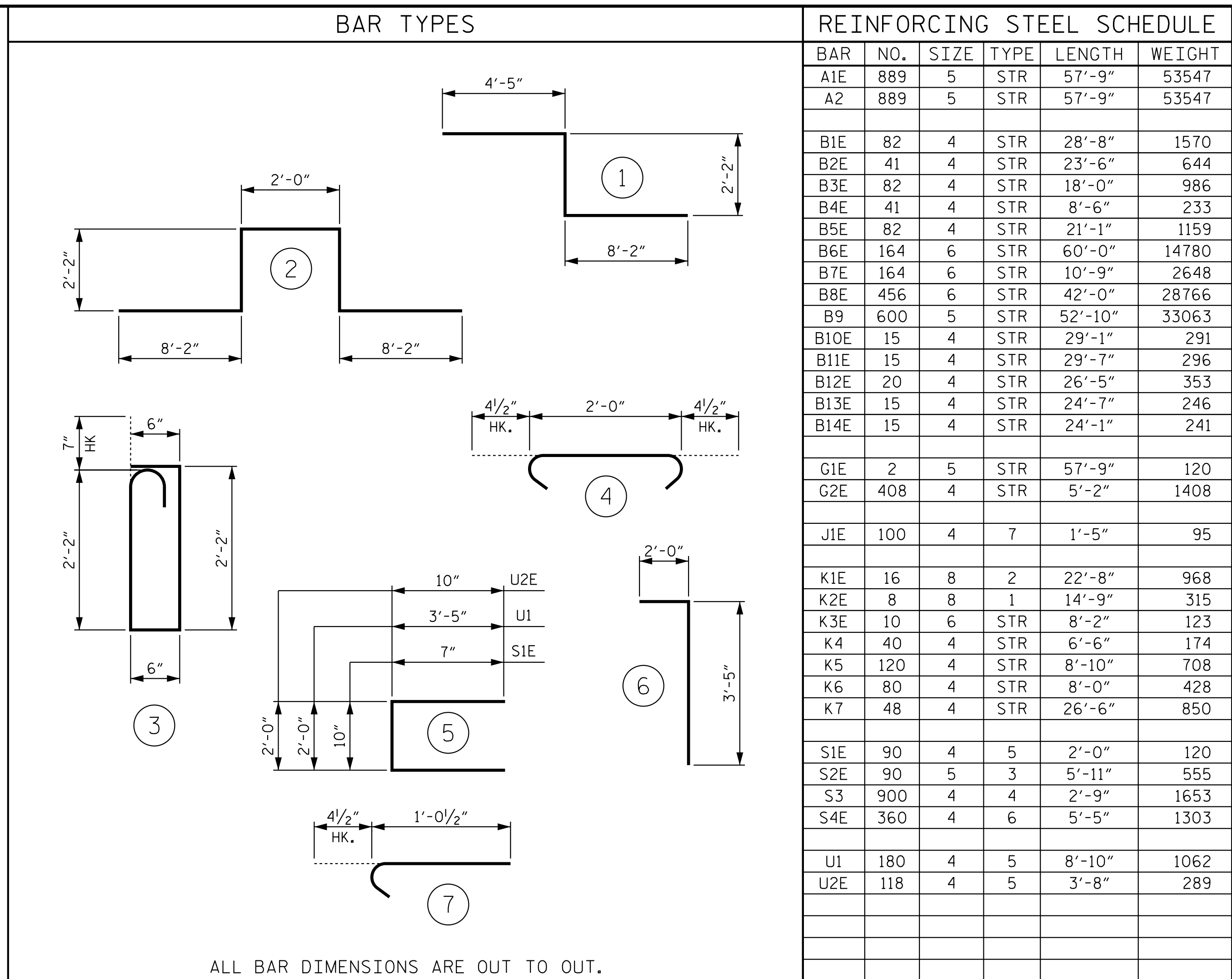


TRANSVERSE CONSTRUCTION JOINT IN DECK SLAB
 REINFORCING STEEL IN SLAB NOT SHOWN, LONGITUDINAL REINFORCING STEEL SHALL BE CONTINUOUS THRU JOINT.



ALL BAR DIMENSIONS ARE OUT TO OUT.

REINFORCING STEEL SCHEDULE					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1E	889	5	STR	57'-9"	53547
A2	889	5	STR	57'-9"	53547
B1E	82	4	STR	28'-8"	1570
B2E	41	4	STR	23'-6"	644
B3E	82	4	STR	18'-0"	986
B4E	41	4	STR	8'-6"	233
B5E	82	4	STR	21'-1"	1159
B6E	164	6	STR	60'-0"	14780
B7E	164	6	STR	10'-9"	2648
B8E	456	6	STR	42'-0"	28766
B9	600	5	STR	52'-10"	33063
B10E	15	4	STR	29'-1"	291
B11E	15	4	STR	29'-7"	296
B12E	20	4	STR	26'-5"	353
B13E	15	4	STR	24'-7"	246
B14E	15	4	STR	24'-1"	241
G1E	2	5	STR	57'-9"	120
G2E	408	4	STR	5'-2"	1408
J1E	100	4	7	1'-5"	95
K1E	16	8	2	22'-8"	968
K2E	8	8	1	14'-9"	315
K3E	10	6	STR	8'-2"	123
K4	40	4	STR	6'-6"	174
K5	120	4	STR	8'-10"	708
K6	80	4	STR	8'-0"	428
K7	48	4	STR	26'-6"	850
S1E	90	4	5	2'-0"	120
S2E	90	5	3	5'-11"	555
S3	900	4	4	2'-9"	1653
S4E	360	4	6	5'-5"	1303
U1	180	4	5	8'-10"	1062
U2E	118	4	5	3'-8"	289

REINFORCING STEEL	91,485
EPOXY COATED REINFORCING STEEL	111,056

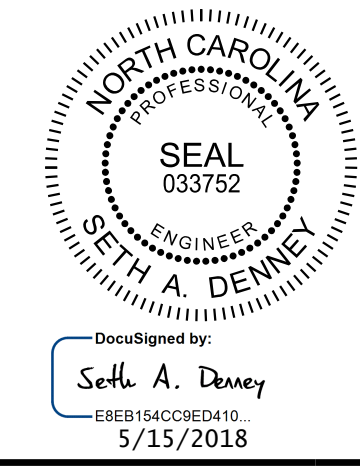
"E" DENOTES EPOXY COATED REINFORCING STEEL.

BAR SIZE	SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS				PARAPET AND BARRIER RAIL
	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPET, AND BARRIER RAIL		APPROACH SLABS		
	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"			

—SUPERSTRUCTURE BILL OF MATERIAL—			
	CLASS AA CONCRETE (CU. YDS.)	REINFORCING STEEL (LBS.)	EPOXY COATED REINFORCING STEEL (LBS.)
POUR 1	144.9		
POUR 2	179.6		
POUR 3	208.0		
POUR 4	151.0		
POUR 5	153.9		
POUR 6	14.2		
SIDEWALK	51.1		
TOTALS **	902.7	91,485	111,056

** QUANTITIES FOR CONCRETE PARAPET NOT INCLUDED.

GROOVING BRIDGE FLOORS	
APPROACH SLABS	1,329 SQ.FT.
BRIDGE DECK	19,129 SQ.FT.
TOTAL	20,458 SQ.FT.



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PROJECT NO. R-3822
HALIFAX COUNTY
 STATION: 99+17.60 -L1-

SHEET 1 OF 2

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

REVISIONS						SHEET NO. S-38
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 58
2			4			

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DRAWN BY: <u>D. D. LOWERY</u>	DATE: <u>03/18</u>
CHECKED BY: <u>C. I. POOLE</u>	DATE: <u>03/18</u>
DESIGN ENGINEER OF RECORD: <u>S. A. DENNEY</u>	DATE: <u>03/18</u>