

**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 BREAKDOWN**

SPANS A & B	(CU. YDS.)
POUR #1	94.6
POUR #2	16.0
POUR #3	40.1
TOTAL **	150.7

\*\* QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

**GROOVING BRIDGE FLOORS**

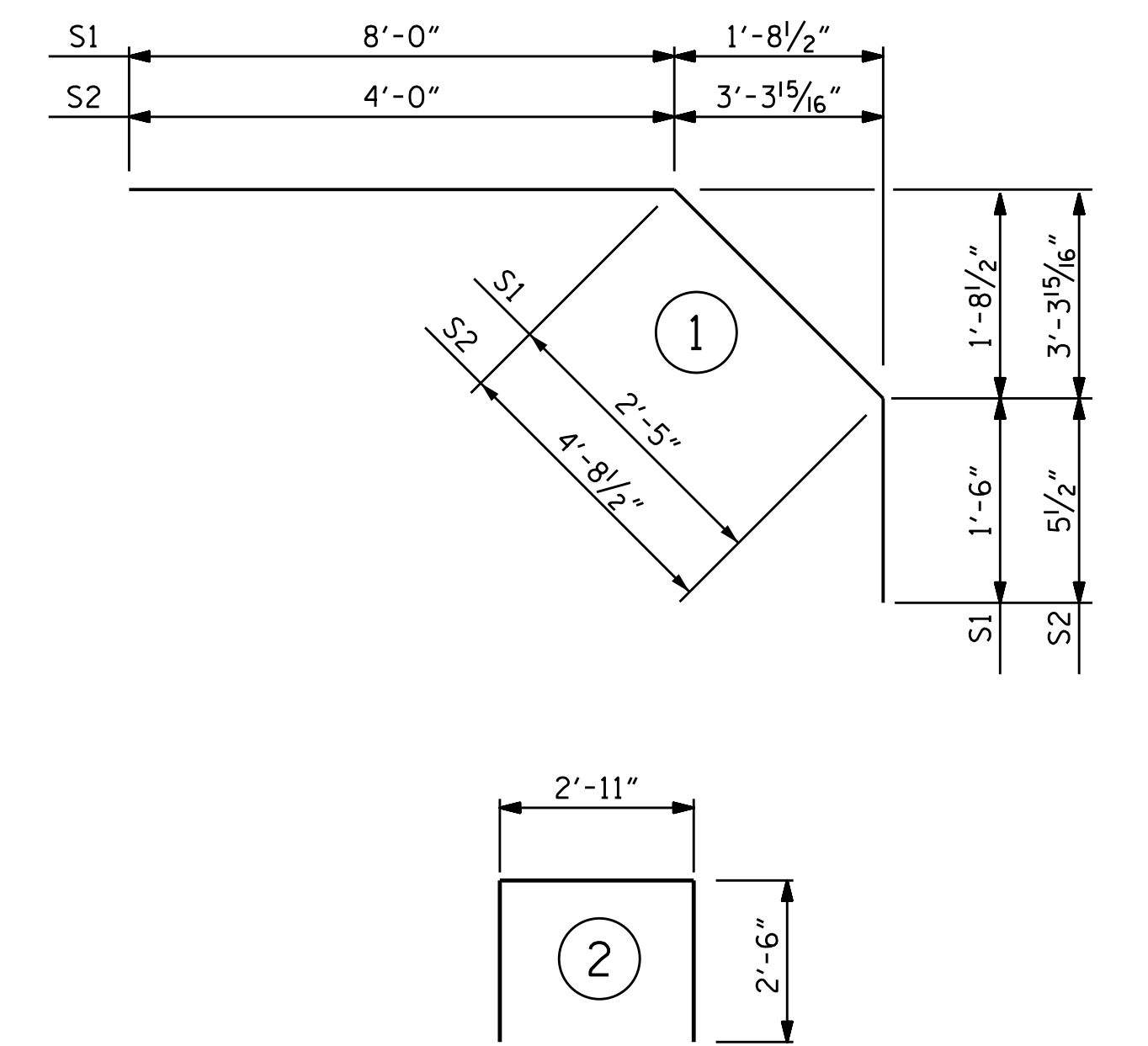
APPROACH SLABS	822	SO.FT.
BRIDGE DECK	3,132	SO.FT.
TOTAL	3,954	SO.FT.

**REINFORCING BAR SCHEDULE**

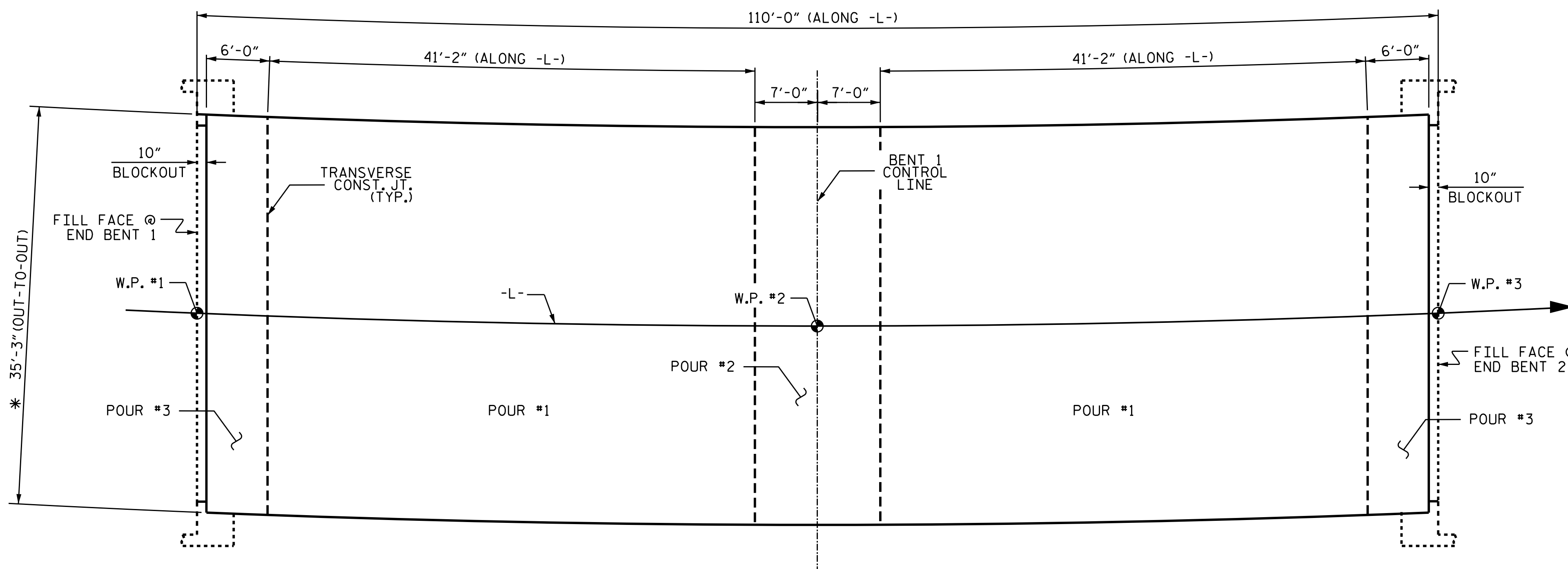
**SPANS 'A & B'**

BAR	No.	SIZE	TYPE	LENGTH	WEIGHT
* A1	236	#5	STR.	34'-10"	8,574
A2	236	#5	STR.	34'-10"	8,574
B1	94	#5	STR.	55'-0"	5,392
* B2	142	#6	STR.	10'-10"	2,311
* B3	72	#4	STR.	25'-8"	1,234
* B4	36	#5	STR.	43'-0"	1,615
* B5	35	#5	STR.	11'-6"	420
B6	42	#5	STR.	11'-6"	504
K1	8	#4	STR.	34'-10"	186
K2	6	#4	STR.	7'-11"	32
K3	6	#4	STR.	8'-9"	35
K4	6	#4	STR.	8'-11"	36
K5	6	#4	STR.	8'-5"	34
K6	4	#4	STR.	2'-0"	5
K7	4	#4	STR.	2'-6"	7
K8	6	#4	STR.	2'-3"	9
K9	2	#4	STR.	1'-9"	2
* S1	68	#4	1	12'-11"	587
* S2	68	#4	1	9'-2"	416
U1	68	#4	2	7'-11"	360
REINFORCING STEEL					15,176
* EPOXY COATED REINFORCING STEEL					15,157

**BAR TYPES**

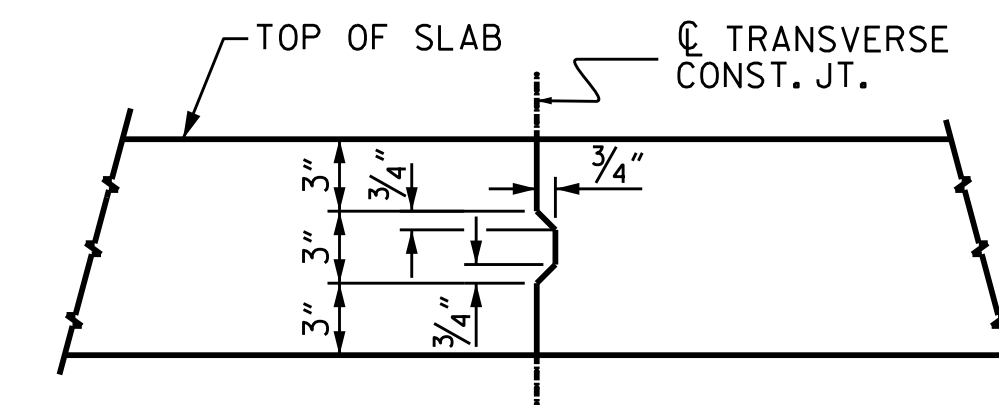


ALL BAR DIMENSIONS ARE OUT TO OUT



**POURING SEQUENCE AND LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB (SQ. FT. = 3,819)**

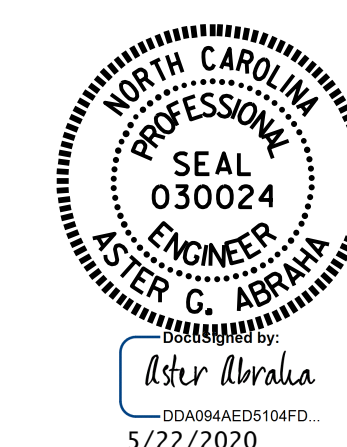
\* MEASURED RADIALLY



**TRANSVERSE CONSTRUCTION JOINT DETAIL**

NOTE: REINFORCING STEEL IN SLAB NOT SHOWN. LONGITUDINAL REINFORCING STEEL SHALL BE CONTINUOUS THROUGH JOINT.

PROJECT NO. B-5662  
HALIFAX COUNTY  
 STATION: 15+61.00 -L-



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**SUPERSTRUCTURE BILL OF MATERIAL**

DRAWN BY : A. Y. GODFREY DATE : 03/2020  
 CHECKED BY : S. WANCE DATE : 04/2020  
 DESIGN ENGINEER OF RECORD: M. M. AHMED DATE : 12/2019

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DOCUMENT NOT CONSIDERED  
 FINAL UNLESS ALL  
 SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-18
1			3			TOTAL SHEETS
2			4			30