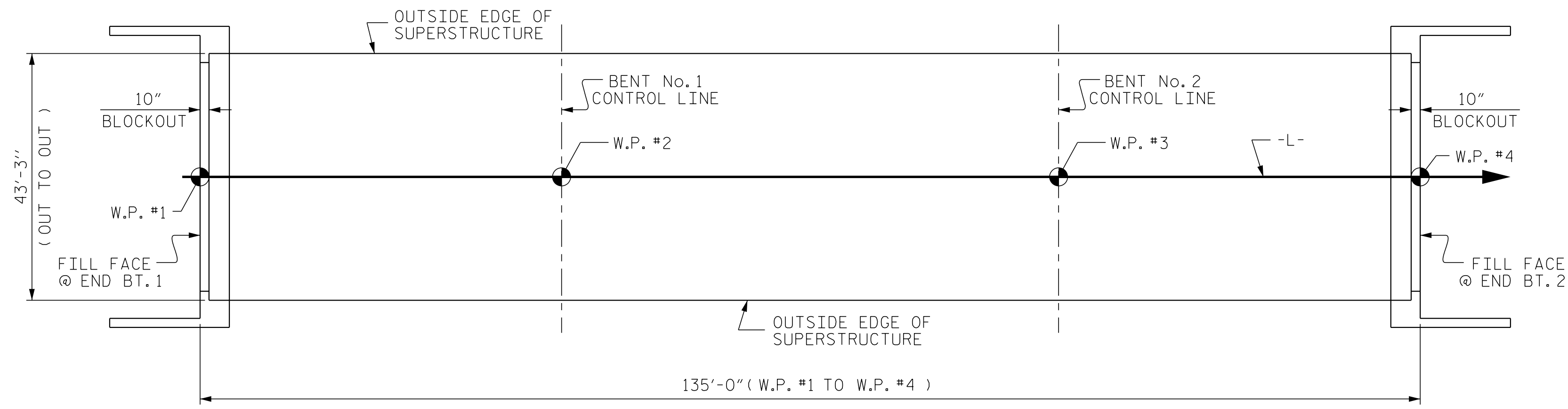


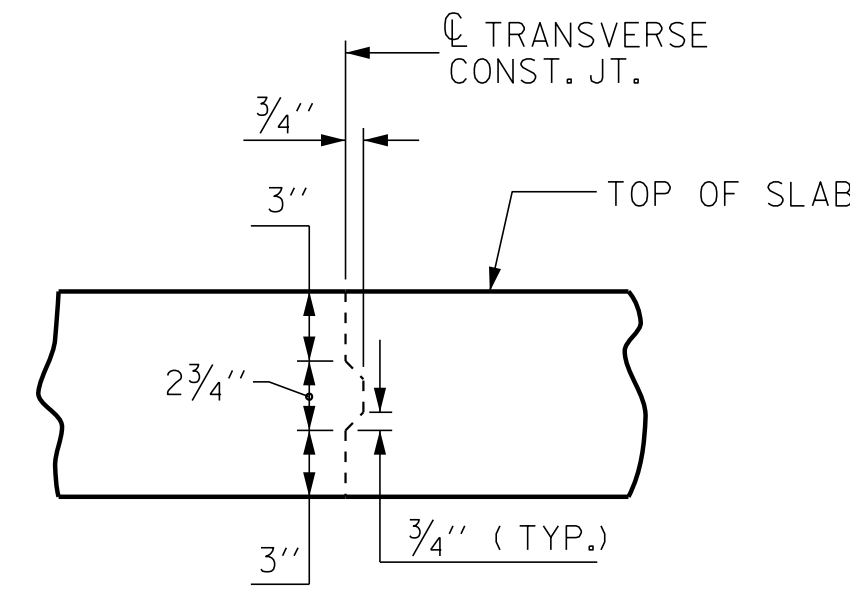
**POUR SEQUENCE SKETCH**

POUR #2 CAN NOT BE STARTED UNTIL BOTH ADJACENT #1 POURS REACH A MINIMUM OF 3000 PSI.



**LAYOUT FOR COMPUTING AREA REINFORCED CONCRETE DECK SLAB**  
(SQ. FT. = 5,839)

BAR SIZE	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPET, AND BARRIER RAIL		APPROACH SLABS		PARAPET AND BARRIER RAIL
	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"			



**TRANSVERSE CONSTRUCTION JOINT DETAIL**

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

**BAR TYPES**

ALL BAR DIMENSIONS ARE OUT TO OUT

**BILL OF MATERIAL**

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	266	#5	STR	42'-11"	11,907
A2	266	#5	STR	42'-11"	11,907
*B1	164	#6	STR	8'-0"	1,971
*B2	56	#4	STR	18'-1"	676
*B3	56	#5	STR	38'-6"	2,249
*B4	108	#5	STR	24'-3"	2,732
*B5	28	#4	STR	15'-10"	296
*B6	8	#4	STR	34'-9"	186
B7	168	#5	STR	45'-8"	8,002
B8	100	#4	STR	29'-0"	1,937
H1	48	#5	3	13'-2"	659
K1	16	#4	STR	25'-3"	270
K2	8	#4	STR	7'-5"	40
K3	16	#4	STR	8'-3"	88
K4	8	#4	STR	7'-11"	42
K5	4	#4	STR	5'-0"	13
K6	8	#4	STR	5'-5"	29
K7	4	#4	STR	5'-3"	14
K8	20	#4	STR	2'-8"	36
*S1	76	#4	1	11'-11"	605
*S2	64	#4	1	9'-0"	385
U1	76	#4	2	8'-1"	410
U2	12	#4	2	10'-3"	82
V1	96	#4	STR	3'-10"	246

**SUPERSTRUCTURE BILL OF MATERIAL**

	CLASS AA CONCRETE (CU. YDS.)	REINFORCING STEEL (LBS.)	* EPOXY COATED REINFORCING STEEL (LBS.)
TOTALS**	219.3	23,775	21,007

REINFORCING STEEL	LBS.	23,775
*EPOXY COATED REINFORCING STEEL	LBS.	21,007

\* THESE BARS ARE EPOXY COATED.

**CONCRETE BREAKDOWN**

	CLASS AA CONCRETE (CU. YDS.)
POUR #1A	34.8
POUR #1B	54.7
POUR #1C	34.8
POUR #2A	18.4
POUR #2B	18.4
POUR #3A	29.1
POUR #3B	29.1
TOTALS **	219.3

**GROOVING BRIDGE FLOORS**

APPROACH SLABS	1,801 SQ.FT.
BRIDGE DECK	4,933 SQ.FT.
TOTAL	6,734 SQ.FT.

\*\* QUANTITIES FOR BARRIER RAILS ARE NOT INCLUDED

PROJECT NO. BR-0062  
ANSON COUNTY  
STATION: 18+07.50 -L-



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

**SUPERSTRUCTURE BILL OF MATERIAL**

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-23
1			3			TOTAL SHEETS
2			4			35

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

P:\2020\20130.01\_BR-0062\Structures\DCM\BR-0062\_SD\_BM\_0300 14.dgn  
 1/19/2024 9:32:05 AM

DRAWN BY: D. HODGE DATE: 5/23  
CHECKED BY: G. GILLAND DATE: 5/23