

CLASS AA CONCRETE BREAKDOWN

POUR #1	
SPAN A	28.6 CU. YDS.
SPAN B	35.6 CU. YDS.
SPAN C	37.1 CU. YDS.
TOTAL POUR #1	101.3 CU. YDS.
POUR #2	
@ W. P. #1	26.0 CU. YDS.
@ W. P. #2	13.2 CU. YDS.
@ W. P. #3	13.7 CU. YDS.
@ W. P. #4	26.0 CU. YDS.
TOTAL POUR #2	78.9 CU. YDS.
TOTAL	180.2 CU. YDS.

FOR LOCATION OF POURS, SEE "POUR SEQUENCE"

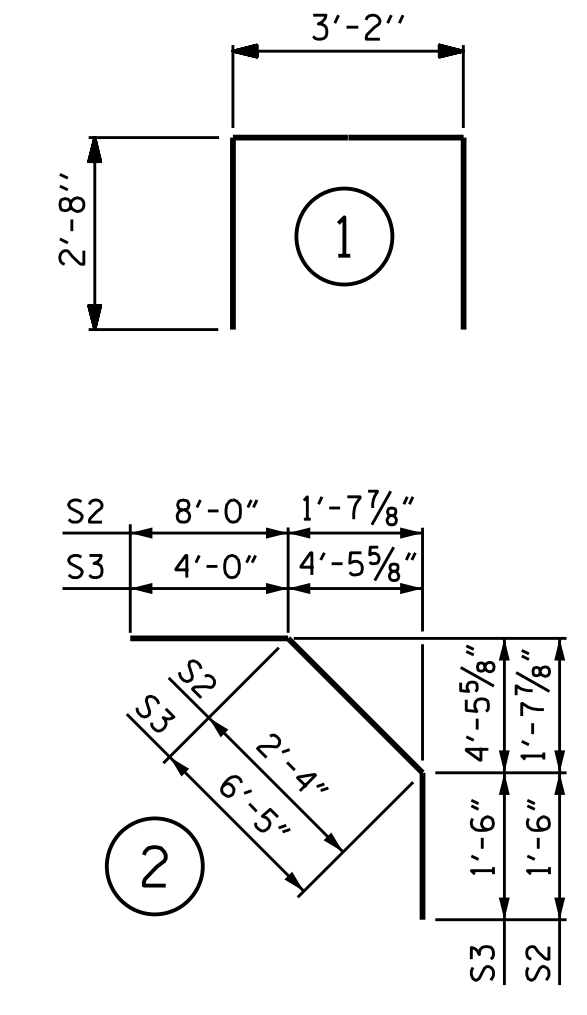
GROOVING BRIDGE FLOORS

APPROACH SLABS	1,786	SO.FT.
BRIDGE DECK	5,660	SO.FT.
TOTAL	7,520	SO.FT.

REINFORCING BAR SCHEDULE

SPANS A-B-C						
BAR	No.	SIZE	TYPE	LENGTH	WEIGHT	
* A1	287	#5	STR.	42'-11"	12,847	
* A2	206	#4	STR.	3'- 3"	447	
* A101	2	#5	STR.	3'- 2"	7	
* A102	2	#5	STR.	5'- 0"	10	
* A103	2	#5	STR.	6'-11"	14	
* A104	2	#5	STR.	8'- 9"	18	
* A105	2	#5	STR.	10'- 7"	22	
* A106	2	#5	STR.	12'- 6"	26	
* A107	2	#5	STR.	14'- 4"	30	
* A108	2	#5	STR.	16'- 3"	34	
* A109	2	#5	STR.	18'- 1"	38	
* A110	2	#5	STR.	20'- 0"	42	
* A111	2	#5	STR.	21'-10"	46	
* A112	2	#5	STR.	23'- 8"	49	
* A113	2	#5	STR.	25'- 7"	53	
* A114	2	#5	STR.	27'- 5"	57	
* A115	2	#5	STR.	29'- 4"	61	
* A116	2	#5	STR.	31'- 2"	65	
* A117	2	#5	STR.	33'- 0"	69	
* A118	2	#5	STR.	34'-11"	73	
* A119	2	#5	STR.	36'- 9"	77	
* A120	2	#5	STR.	38'- 7"	80	
* A121	2	#5	STR.	40'- 5"	84	
* A122	2	#5	STR.	42'- 4"	88	
* B1	30	#5	STR.	53'- 4"	1,669	
* B2	10	#4	STR.	32'- 11"	220	
* B3	57	#7	STR.	9'- 3"	1,078	
* B4	57	#4	STR.	33'- 8"	1,282	
* B5	57	#5	STR.	12'- 6"	743	
* B6	57	#4	STR.	45'-10"	1,745	
* B7	57	#5	STR.	13'- 0"	773	
* B8	57	#4	STR.	41'- 2"	1,567	
* B9	57	#7	STR.	11'- 3"	1,311	
* K1	16	#4	STR	23'- 3"	248	
* K2	8	#4	STR	7'- 6"	40	
* K3	16	#4	STR	8'- 5"	90	
* K4	8	#4	STR	7'- 11"	42	
* K5	4	#4	STR	2'- 8"	7	
* K6	8	#4	STR	3'- 0"	16	
* K7	4	#4	STR	2'- 5"	6	
* S1	72	#4	1	8'- 6"	409	
* S2	72	#4	2	11'-10"	569	
* S3	72	#4	2	11'-11"	573	
* EPOXY COATED REINFORCING STEEL					26,725	LBS.

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

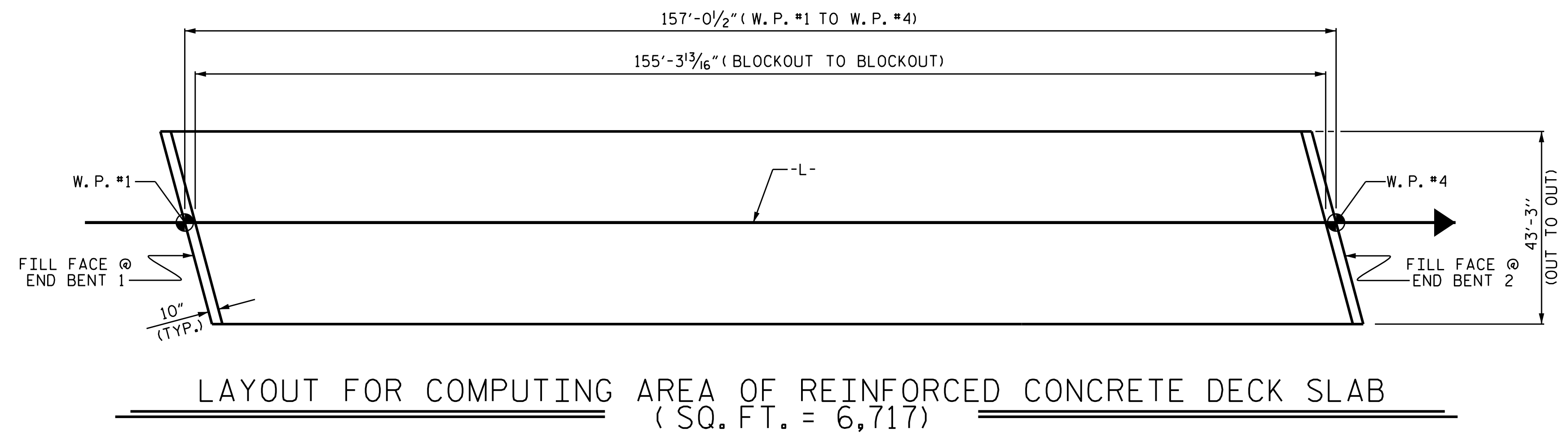
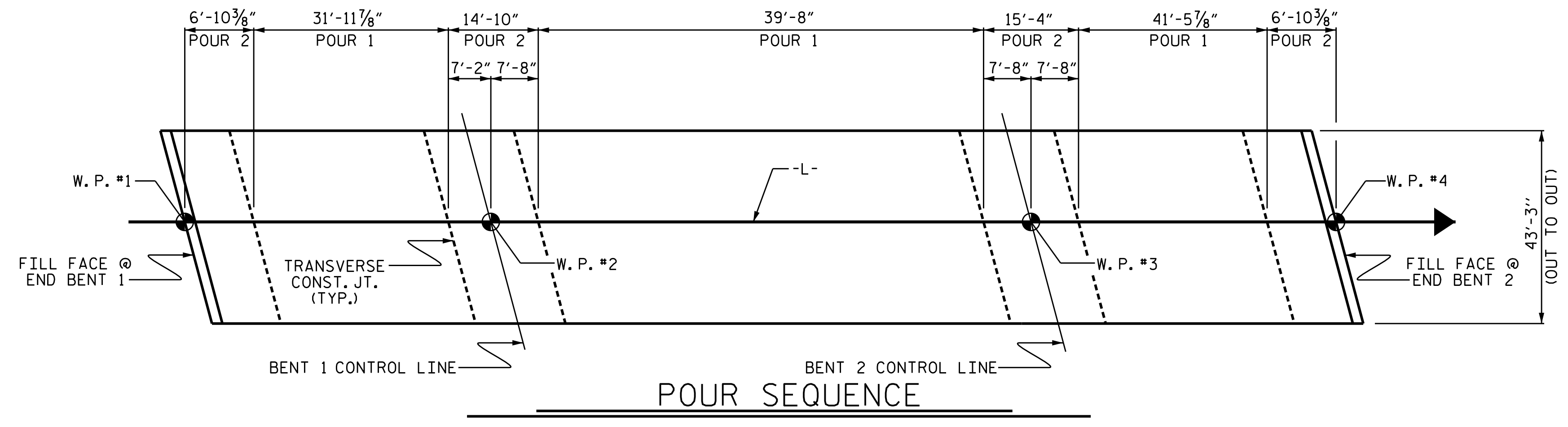
SUPERSTRUCTURE BILL OF MATERIAL

	CLASS AA CONCRETE	EPOXY COATED REINFORCING STEEL
	(CU. YDS.)	(LBS.)
SPANS A-B-C	180.2	26,725
TOTALS**	180.2	26,725

**QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

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"			



PROJECT NO. B-4414
BEAUFORT COUNTY
 STATION: 24+78.90 -L-



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUPERSTRUCTURE BILL OF MATERIAL

ASSEMBLED BY : S. B. WILLIAMS	DATE : 10/19
CHECKED BY : MGC	DATE : 2-20
DRAWN BY : JMB 5/87	REV. 10/1/11 MAA/GM
CHECKED BY : SJD 9/87	REV. 12/17 MAA/THC
	REV. 06/19 BNB/THC

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED
 TGS ENGINEERS
 706 HILLSBOROUGH STREET SUITE 200
 RALEIGH, NC 27603
 PH (919) 773-8887
 CORP. LICENSE NO.: C-0275

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			33
2			4			