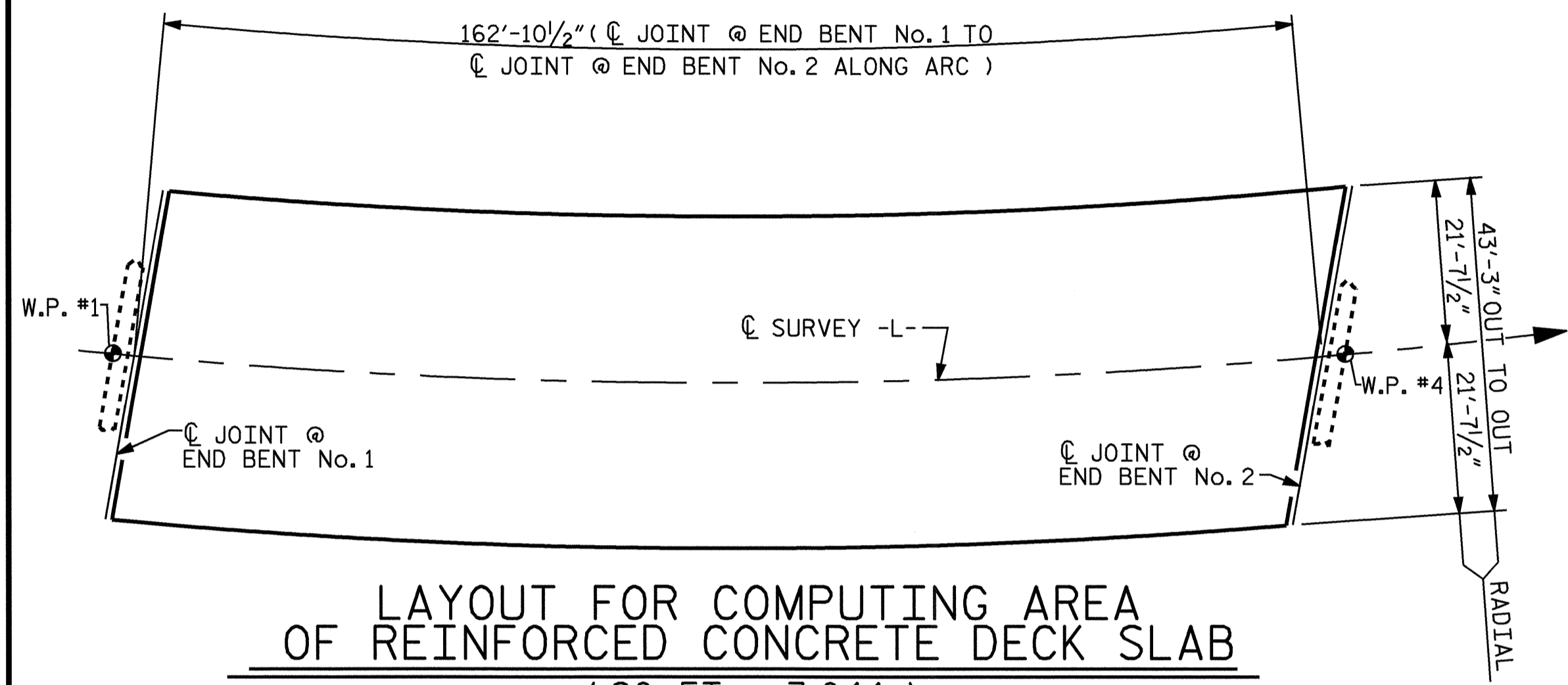
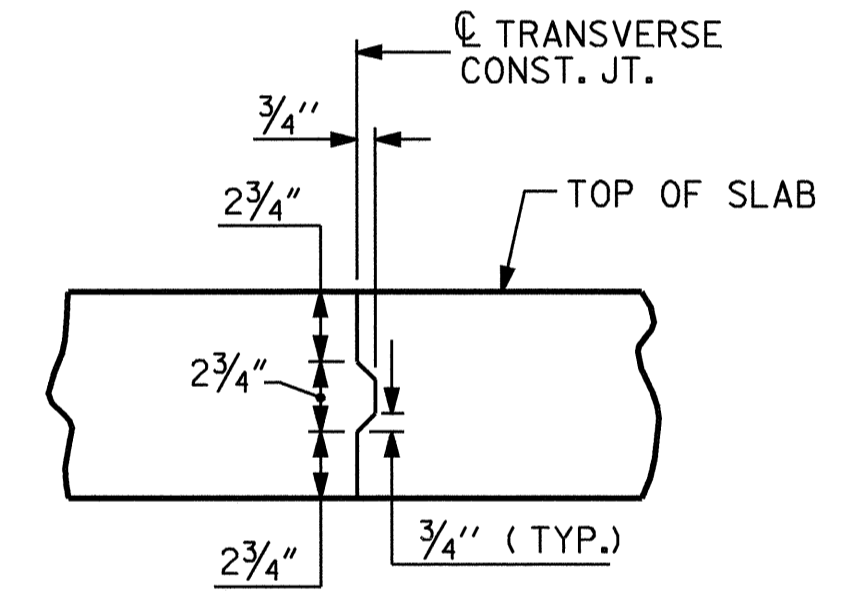


SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS

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"	—	—	—



LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB
(SQ. FT. = 7,044)



TRANSVERSE CONSTRUCTION JOINT DETAIL

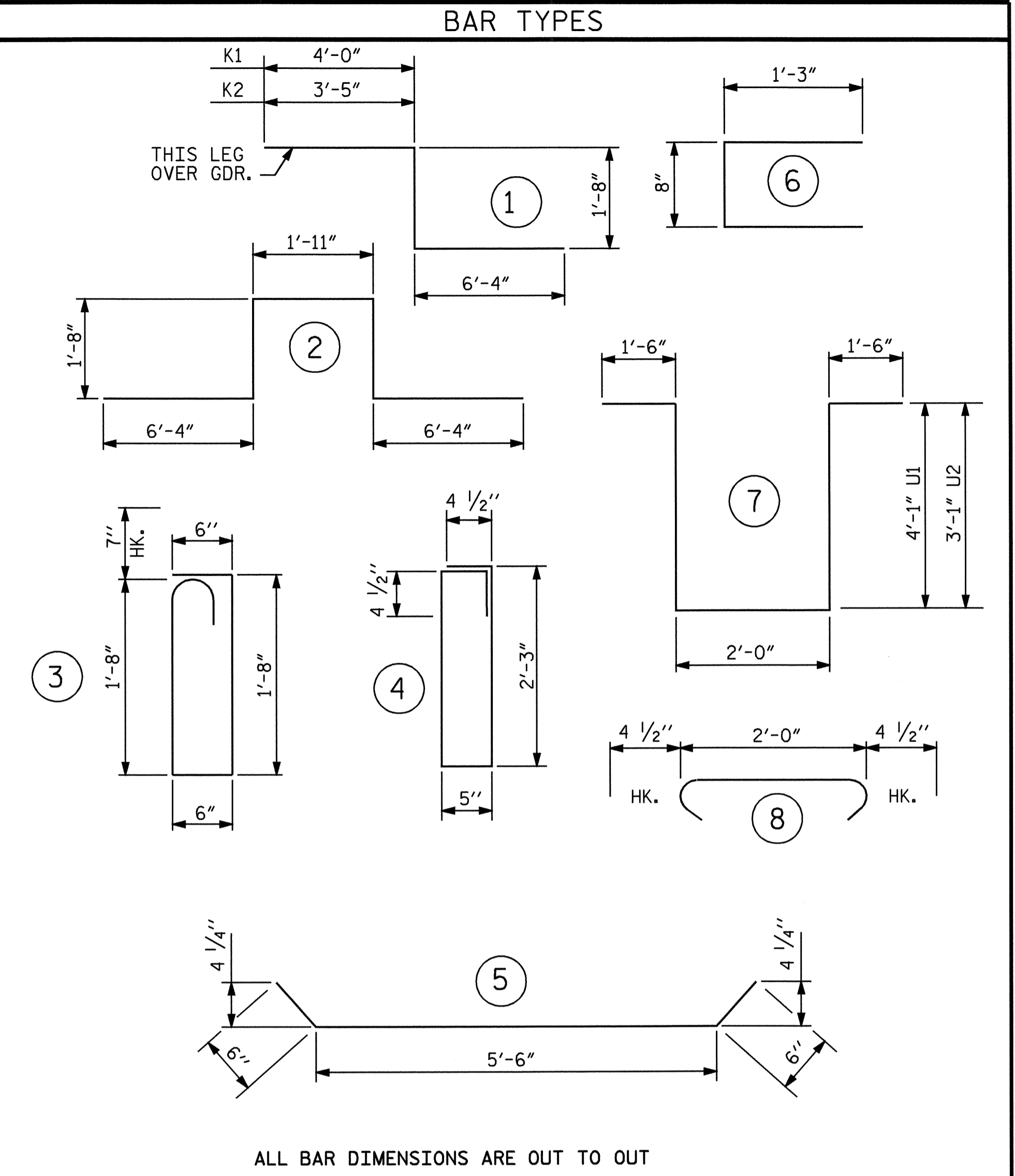
NOTE: REINFORCING STEEL IN SLAB NOT SHOWN. LONGITUDINAL REINFORCING STEEL SHALL BE CONTINUOUS THRU JOINT

BILL OF MATERIAL SPANS A, B & C

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	248	#5	STR	42'-11"	11101	A215	1	#5	STR	29'-1"	30
*A101	1	#5	STR	39'-6"	41	A216	1	#5	STR	25'-8"	27
*A102	1	#5	STR	35'-10"	37	A217	1	#5	STR	22'-2"	23
*A103	1	#5	STR	32'-3"	34	A218	1	#5	STR	18'-8"	19
*A104	1	#5	STR	28'-8"	30	A219	1	#5	STR	15'-3"	16
*A105	1	#5	STR	25'-1"	26	A220	1	#5	STR	11'-9"	12
*A106	1	#5	STR	21'-6"	22	A221	1	#5	STR	8'-4"	9
*A107	1	#5	STR	17'-11"	19	A222	1	#5	STR	4'-10"	5
*A108	1	#5	STR	14'-4"	15	B1	153	#5	STR	55'-8"	8883
*A109	1	#5	STR	10'-9"	11	*B2	54	#4	STR	19'-11"	718
*A110	1	#5	STR	7'-2"	7	*B3	27	#7	STR	47'-6"	2621
*A111	1	#5	STR	3'-7"	4	*B4	26	#7	STR	18'-9"	996
*A112	1	#5	STR	39'-6"	41	*B5	27	#4	STR	20'-0"	361
*A113	1	#5	STR	36'-1"	38	*B6	27	#7	STR	41'-6"	2290
*A114	1	#5	STR	32'-7"	34	*B7	26	#7	STR	15'-9"	837
*A115	1	#5	STR	29'-1"	30	*B8	27	#4	STR	23'-9"	428
*A116	1	#5	STR	25'-8"	27	*B9	12	#4	STR	28'-9"	230
*A117	1	#5	STR	22'-2"	23						
*A118	1	#5	STR	18'-8"	19	*G1	1	#5	STR	43'-0"	45
*A119	1	#5	STR	15'-3"	16	*G2	1	#5	STR	44'-6"	46
*A120	1	#5	STR	11'-9"	12						
*A121	1	#5	STR	8'-4"	9	*K1	4	#8	1	12'-0"	128
*A122	1	#5	STR	4'-10"	5	*K2	4	#8	1	11'-5"	122
						*K3	20	#6	STR	5'-10"	175
A2	248	#5	STR	42'-11"	11101	K4	16	#4	STR	20'-1"	215
						K5	40	#4	STR	6'-7"	176
A201	1	#5	STR	39'-6"	41	K6	20	#4	STR	5'-10"	78
A202	1	#5	STR	35'-10"	37	K7	20	#4	STR	4'-2"	56
A203	1	#5	STR	32'-3"	34	K8	20	#5	5	6'-6"	136
A204	1	#5	STR	28'-8"	30	K9	20	#5	STR	6'-0"	125
A205	1	#5	STR	25'-1"	26	*K10	16	#8	2	17'-11"	765
A206	1	#5	STR	21'-6"	22						
A207	1	#5	STR	17'-11"	19	*S1	70	#4	6	3'-2"	148
A208	1	#5	STR	14'-4"	15	*S2	70	#5	3	4'-11"	359
A209	1	#5	STR	10'-9"	11	S3	60	#4	4	6'-1"	244
A210	1	#5	STR	7'-2"	7	S4	190	#4	8	2'-9"	349
A211	1	#5	STR	3'-7"	4						
A212	1	#5	STR	39'-6"	41	U1	50	#4	7	13'-2"	440
A213	1	#5	STR	36'-1"	38	U2	20	#4	7	11'-2"	149
A214	1	#5	STR	32'-7"	34						

REINFORCING STEEL = 22452 LBS
*EPOXY COATED REINFORCING STEEL = 21870 LBS

* DENOTES EPOXY COATED REINFORCING STEEL



ALL BAR DIMENSIONS ARE OUT TO OUT

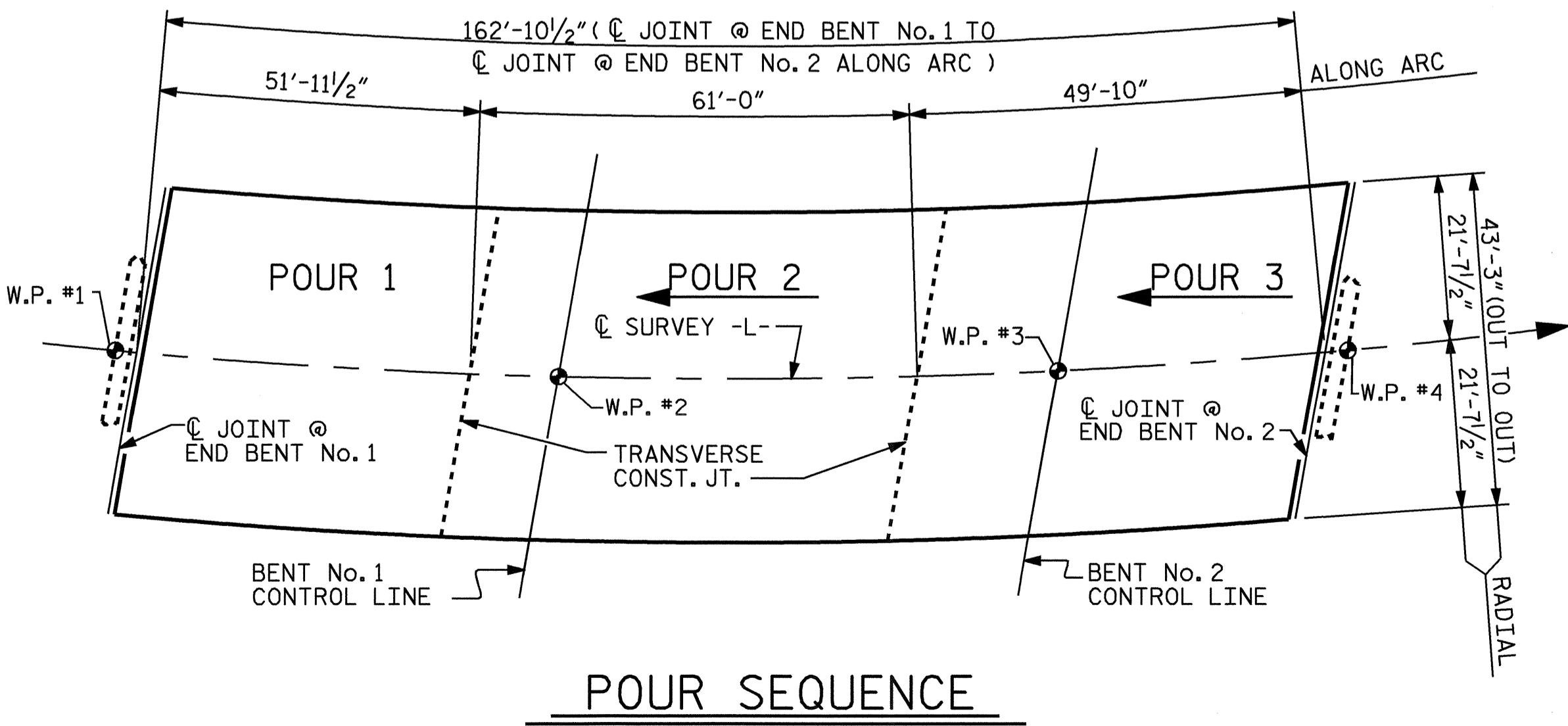
GROOVING BRIDGE FLOORS

BRIDGE DECK	5,982 SQ.FT.
APPROACH SLABS	2,078 SQ.FT.
TOTAL	8,060 SQ.FT.

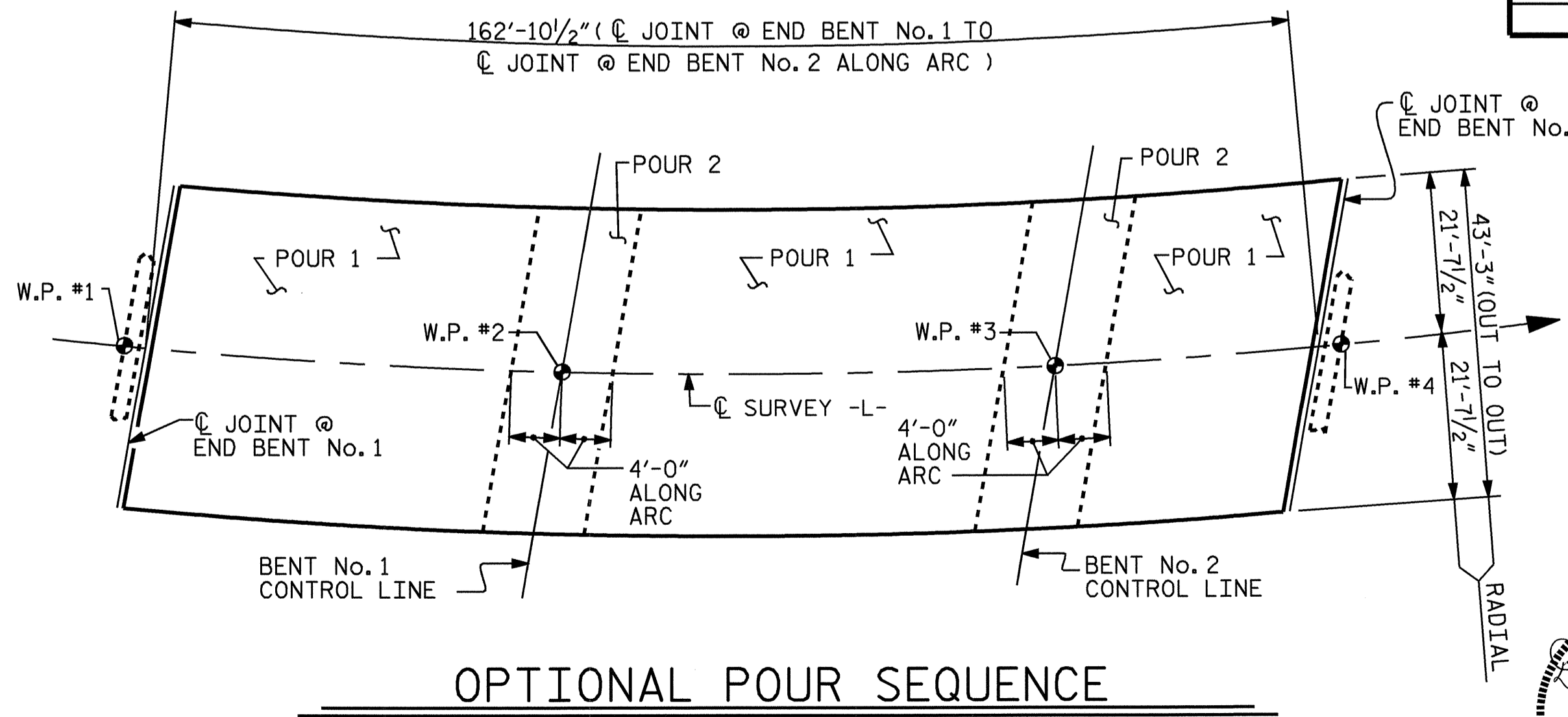
SUPERSTRUCTURE BILL OF MATERIAL

SPANS A, B & C	CLASS AA CONCRETE (CU. YDS.)	REINFORCING STEEL (LBS.)	EPOXY COATED REINFORCING STEEL (LBS.)
POUR 1	70.9		
POUR 2	159.2		
POUR 3	142.6		
TOTAL **	372.7	22,452	21,870

** QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED



POUR SEQUENCE

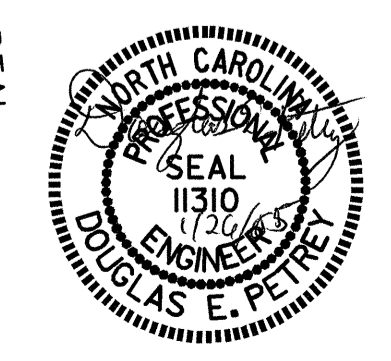


OPTIONAL POUR SEQUENCE

NOTE: TRANSVERSE CONSTRUCTION JOINTS SHALL BE PARALLEL TO THE BENT CONTROL LINE.

POUR 2 CANNOT BE STARTED UNTIL BOTH ADJACENT POURS HAVE REACHED A MINIMUM OF 3000 PSI.

PROJECT NO. B-3694
ROCKINGHAM COUNTY
STATION: 17+27.50 -L-



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

ASSEMBLED BY : A.R.CHESSON	DATE: 6-04
CHECKED BY : B.N.GRADY	DATE: 8-04
DRAWN BY : JMB	5/87
CHECKED BY : SJD	9/87
REV. 6/1/94	EEM/GRP

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			S-17
2			4			TOTAL SHEETS 36