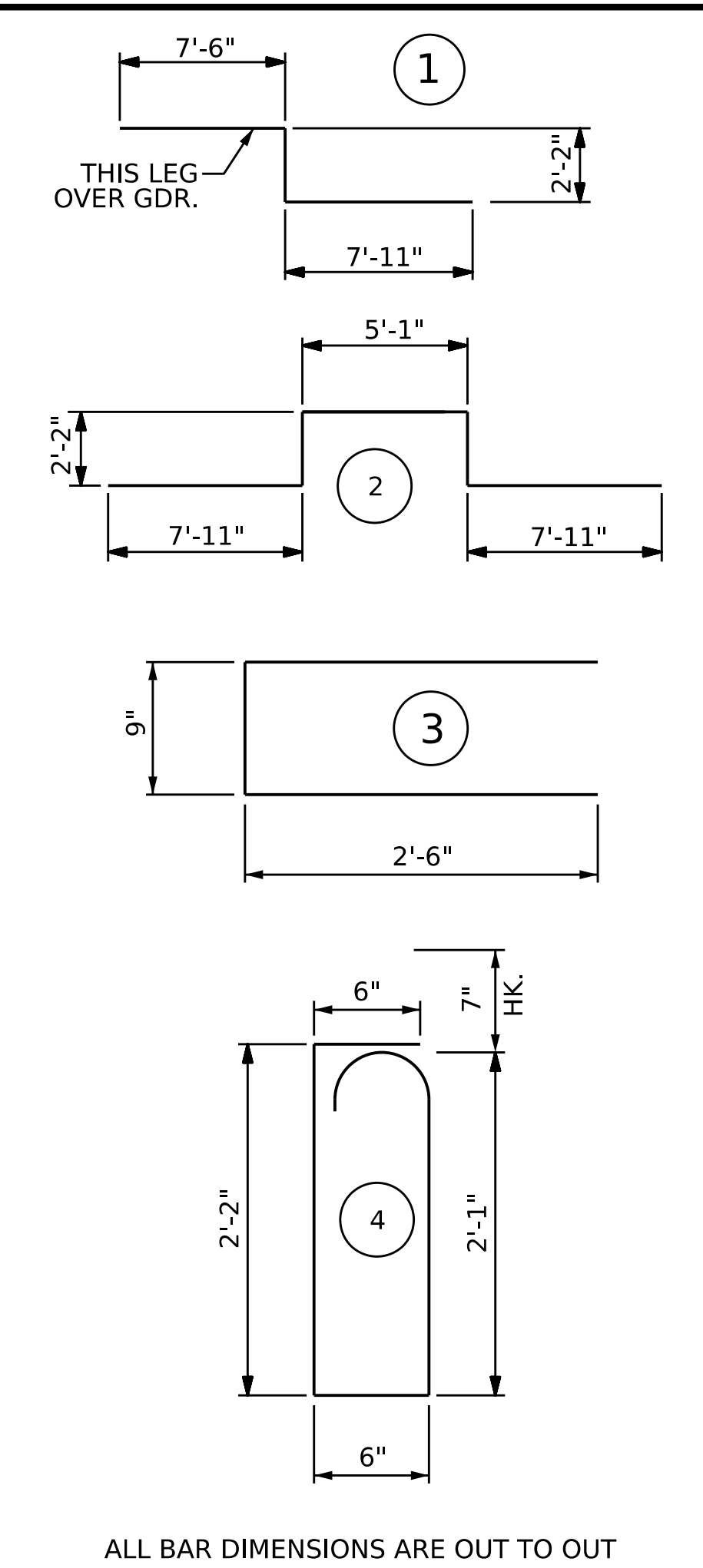


**BILL OF MATERIAL**

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	297	5	STR.	42'-11"	13294	* A141	2	5	STR.	10'-3"	21	A232	2	5	STR.	17'-5"	36
A2	297	5	STR.	42'-11"	13294	* A142	2	5	STR.	9'-5"	20	A233	2	5	STR.	16'-8"	35
* A3	6	6	STR.	18'-0"	162	* A143	2	5	STR.	8'-7"	18	A234	2	5	STR.	15'-10"	33
* A101	2	5	STR.	42'-4"	88	* A144	2	5	STR.	7'-10"	16	A235	2	5	STR.	15'-0"	31
* A102	2	5	STR.	41'-6"	87	* A145	2	5	STR.	7'-0"	15	A236	2	5	STR.	14'-3"	30
* A103	2	5	STR.	40'-8"	85	* A146	2	5	STR.	6'-3"	13	A237	2	5	STR.	13'-5"	28
* A104	2	5	STR.	39'-11"	83	* A147	2	5	STR.	5'-5"	11	A238	2	5	STR.	12'-8"	26
* A105	2	5	STR.	39'-1"	82	* A148	2	5	STR.	4'-7"	10	A239	2	5	STR.	11'-10"	25
* A106	2	5	STR.	38'-4"	80	* A149	2	5	STR.	3'-10"	8	A240	2	5	STR.	11'-0"	23
* A107	2	5	STR.	37'-6"	78	* A150	2	5	STR.	3'-0"	6	A241	2	5	STR.	10'-3"	21
* A108	2	5	STR.	36'-8"	76	* A151	2	5	STR.	2'-3"	5	A242	2	5	STR.	9'-5"	20
* A109	2	5	STR.	35'-11"	75	* A152	2	5	STR.	1'-5"	3	A243	2	5	STR.	8'-7"	18
* A110	2	5	STR.	35'-1"	73	A201	2	5	STR.	42'-4"	88	A244	2	5	STR.	7'-10"	16
* A111	2	5	STR.	34'-3"	71	A202	2	5	STR.	41'-6"	87	A245	2	5	STR.	7'-0"	15
* A112	2	5	STR.	33'-6"	70	A203	2	5	STR.	40'-8"	85	A246	2	5	STR.	6'-3"	13
* A113	2	5	STR.	32'-8"	68	A204	2	5	STR.	39'-11"	83	A247	2	5	STR.	5'-5"	11
* A114	2	5	STR.	31'-10"	66	A205	2	5	STR.	39'-1"	82	A248	2	5	STR.	4'-7"	10
* A115	2	5	STR.	31'-1"	65	A206	2	5	STR.	38'-4"	80	A249	2	5	STR.	3'-10"	8
* A116	2	5	STR.	30'-3"	63	A207	2	5	STR.	37'-6"	78	A250	2	5	STR.	3'-0"	6
* A117	2	5	STR.	29'-6"	62	A208	2	5	STR.	36'-8"	76	A251	2	5	STR.	2'-2"	5
* A118	2	5	STR.	28'-8"	60	A209	2	5	STR.	35'-11"	75	A252	2	5	STR.	1'-5"	3
* A119	2	5	STR.	27'-10"	58	A210	2	5	STR.	35'-1"	73	* B1	62	4	STR.	37'-10"	1567
* A120	2	5	STR.	27'-1"	56	A211	2	5	STR.	34'-3"	71	B2	150	5	STR.	45'-4"	7092
* A121	2	5	STR.	26'-3"	55	A212	2	5	STR.	33'-6"	70	* B3	177	5	STR.	27'-2"	5015
* A122	2	5	STR.	25'-5"	53	A213	2	5	STR.	32'-8"	68	* B4	56	5	STR.	43'-4"	2531
* A123	2	5	STR.	24'-8"	51	A214	2	5	STR.	31'-10"	66	* B5	62	4	STR.	37'-2"	1539
* A124	2	5	STR.	23'-10"	50	A215	2	5	STR.	31'-1"	65	B6	24	5	STR.	54'-6"	1364
* A125	2	5	STR.	23'-1"	48	A216	2	5	STR.	30'-3"	63	* G1	2	5	STR.	54'-4"	113
* A126	2	5	STR.	22'-3"	46	A217	2	5	STR.	29'-6"	62	* K1	8	8	1	17'-7"	376
* A127	2	5	STR.	21'-5"	45	A218	2	5	STR.	28'-8"	60	* K2	12	8	2	25'-3"	809
* A128	2	5	STR.	20'-8"	43	A219	2	5	STR.	27'-10"	58	* K3	24	6	STR.	6'-1"	219
* A129	2	5	STR.	19'-10"	41	A220	2	5	STR.	27'-1"	56	* S1	40	5	4	5'-10"	243
* A130	2	5	STR.	19'-0"	40	A221	2	5	STR.	26'-3"	55	* S2	40	4	3	5'-9"	154
* A131	2	5	STR.	18'-3"	38	A222	2	5	STR.	25'-5"	53						
* A132	2	5	STR.	17'-5"	36	A223	2	5	STR.	24'-8"	51						
* A133	2	5	STR.	16'-8"	35	A224	2	5	STR.	23'-10"	50						
* A134	2	5	STR.	15'-10"	33	A225	2	5	STR.	23'-1"	48						
* A135	2	5	STR.	15'-0"	31	A226	2	5	STR.	22'-3"	46						
* A136	2	5	STR.	14'-3"	30	A227	2	5	STR.	21'-5"	45						
* A137	2	5	STR.	13'-5"	28	A228	2	5	STR.	20'-8"	43						
* A138	2	5	STR.	12'-8"	26	A229	2	5	STR.	19'-10"	41						
* A139	2	5	STR.	11'-10"	25	A230	2	5	STR.	19'-0"	40						
* A140	2	5	STR.	11'-0"	23	A231	2	5	STR.	18'-3"	38						
												REINFORCING STEEL		24,128 LBS.			
												* EPOXY COATED REINFORCING STEEL		32,554 LBS.			

**BAR TYPES**



ALL BAR DIMENSIONS ARE OUT TO OUT

**SUPERSTRUCTURE BILL OF MATERIAL**

	CLASS AA CONCRETE			REINFORCING STEEL	EPOXY COATED REINFORCING STEEL
	( CU. YDS. )			( LBS. )	( LBS. )
	POUR 1	POUR 2	TOTAL		
SPANS A & B	265.6	25.3	290.9	24,128	32,554
TOTALS **	265.6	25.3	290.9	24,128	32,554

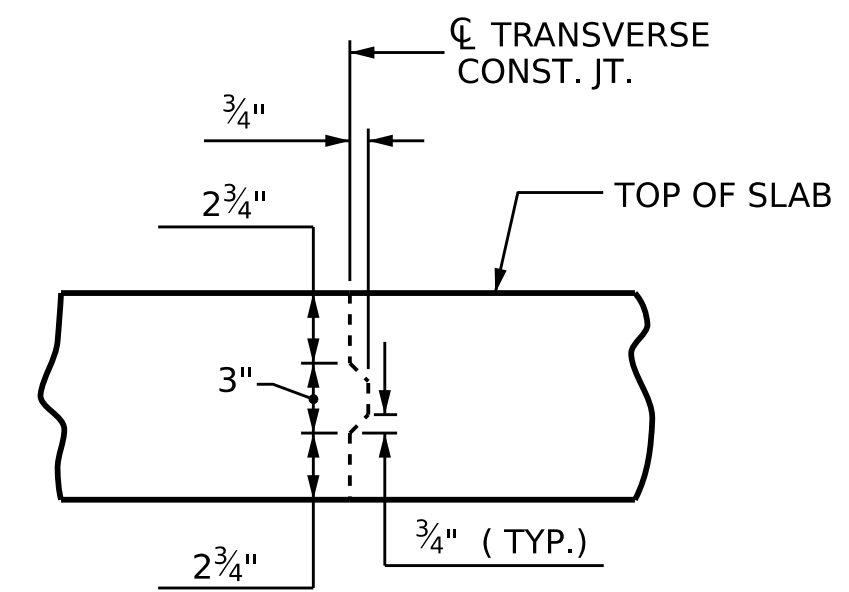
\*\* QUANTITIES FOR BRIDGE RAIL NOT INCLUDED

**GROOVING BRIDGE FLOORS**

APPROACH SLABS	1,094	SQ.FT.
BRIDGE DECK	8,097	SQ.FT.
TOTAL	9,191	SQ.FT.

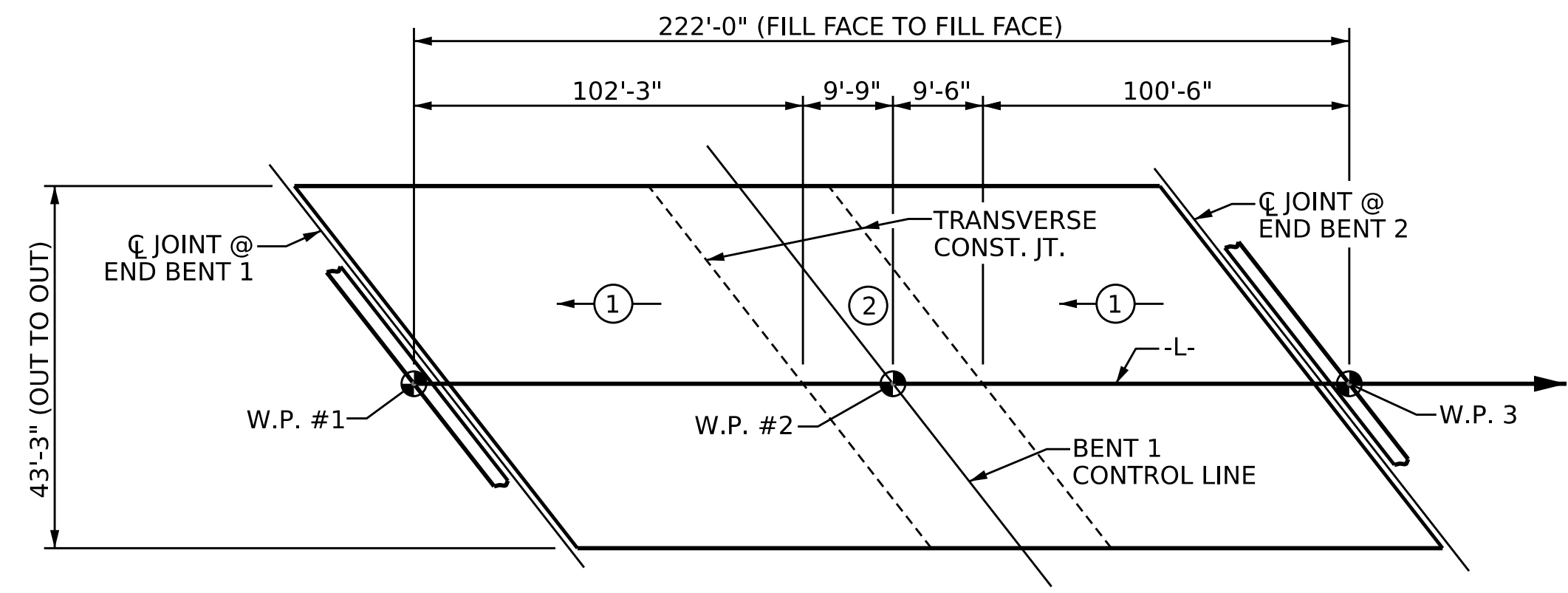
**SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS**

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"			



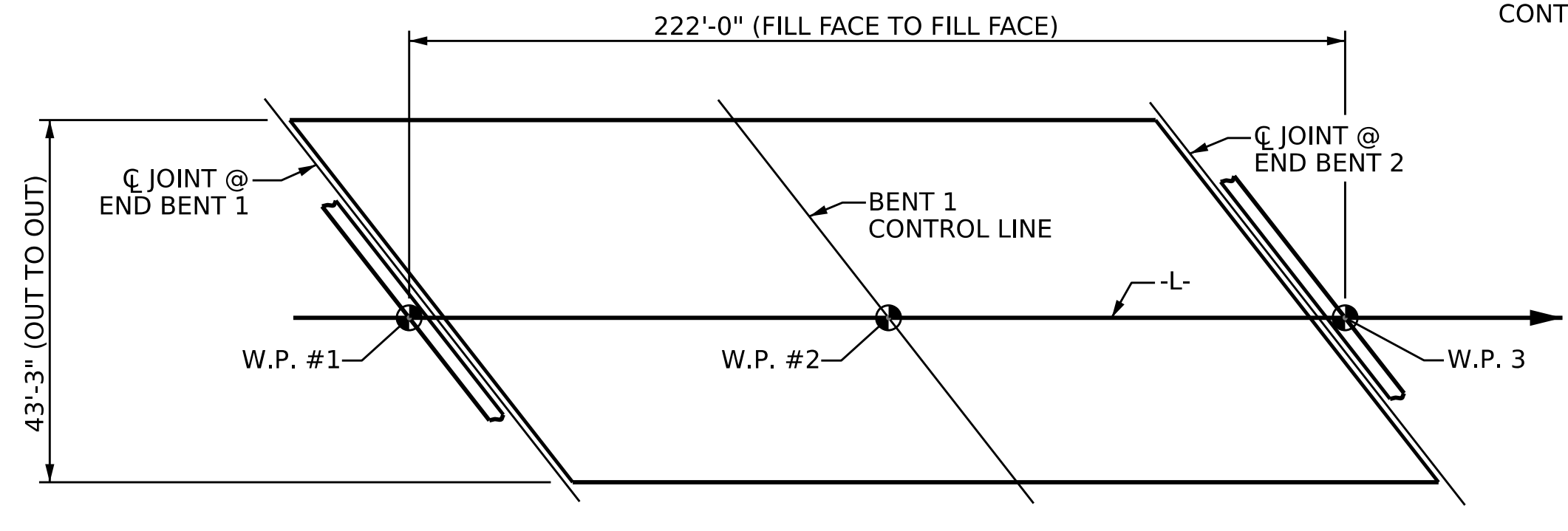
**TRANSVERSE CONSTRUCTION JOINT DETAIL**

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



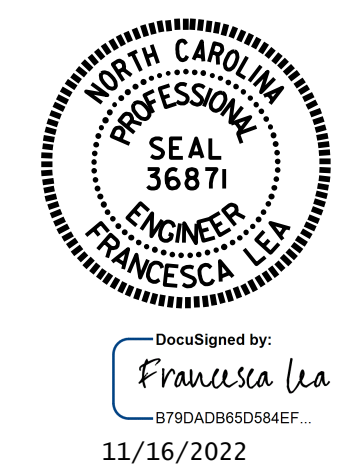
**POUR SEQUENCE**

POUR NUMBER ①  
 POUR ② CANNOT BE STARTED UNTIL BOTH ADJACENT POURS ① HAVE REACHED A MINIMUM OF 3000 PSI  
 POUR DIRECTION



**LAYOUT FOR COMPUTING AREA REINFORCED CONCRETE DECK SLAB (SQ. FT. = 9,483)**

PROJECT NO. BR-0094  
 ROCKINGHAM COUNTY  
 STATION: 20+38.70 -L-



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

ASSEMBLED BY: Q. T. NGUYEN DATE: 09/2022  
 CHECKED BY: Z. MALIK DATE: 09/2022  
 DRAWN BY: JMB 5/87  
 CHECKED BY: SJD 9/87

REV. 10/1/11 MAA/GM  
 REV. 12/17 MAA/THC  
 REV. 06/19 BNB/THC

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-19
1			3			TOTAL SHEETS
2			4			30

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED