

REINFORCING BAR SCHEDULE

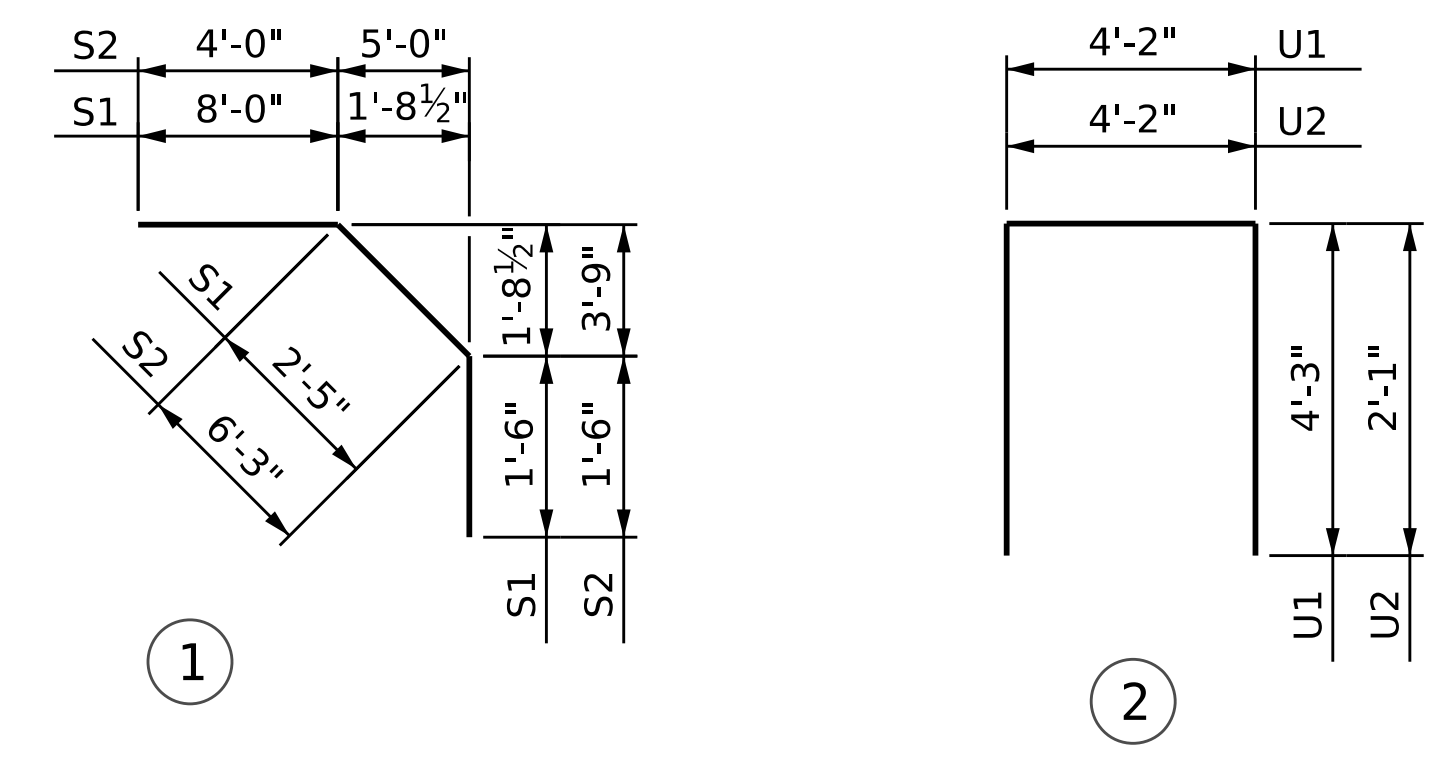
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	
*A1	291	5	STR	40'-11"	12,419	*A126	2	5	STR	13'-0"	27	A218	2	5	STR	21'-8"	45	B10	22	5	STR	50'-8"	1,163	
A2	291	5	STR	40'-11"	12,419	*A127	2	5	STR	11'-11"	25	A219	2	5	STR	20'-7"	43							
						*A128	2	5	STR	10'-10"	23	A220	2	5	STR	19'-6"	41	K1	20	4	STR	24'-5"	326	
*A101	2	5	STR	40'-1"	84	*A129	2	5	STR	9'-9"	20	A221	2	5	STR	18'-5"	38	K2	10	4	STR	4'-0"	27	
*A102	2	5	STR	39'-0"	81	*A130	2	5	STR	8'-8"	18	A222	2	5	STR	17'-4"	36	K3	10	4	STR	6'-11"	46	
*A103	2	5	STR	37'-11"	79	*A131	2	5	STR	7'-7"	16	A223	2	5	STR	16'-3"	34	K4	20	4	STR	7'-0"	94	
*A104	2	5	STR	36'-10"	77	*A132	2	5	STR	6'-6"	14	A224	2	5	STR	15'-2"	32	K5	10	4	STR	3'-0"	20	
*A105	2	5	STR	35'-9"	75	*A133	2	5	STR	5'-5"	11	A225	2	5	STR	14'-1"	29	K6	4	4	STR	1'-4"	4	
*A106	2	5	STR	34'-8"	72	*A134	2	5	STR	4'-4"	9	A226	2	5	STR	13'-0"	27	K7	12	4	STR	2'-10"	23	
*A107	2	5	STR	33'-7"	70	*A135	2	5	STR	3'-3"	7	A227	2	5	STR	11'-11"	25	K8	4	4	STR	2'-5"	6	
*A108	2	5	STR	32'-6"	68							A228	2	5	STR	10'-10"	23							
*A109	2	5	STR	31'-5"	66	A201	2	5	STR	40'-1"	84	A229	2	5	STR	9'-9"	20	*S1	48	4	1	11'-11"	382	
*A110	2	5	STR	30'-4"	63	A202	2	5	STR	39'-0"	81	A230	2	5	STR	8'-8"	18	*S2	48	4	1	11'-9"	377	
*A111	2	5	STR	29'-3"	61	A203	2	5	STR	37'-11"	79	A231	2	5	STR	7'-7"	16							
*A112	2	5	STR	28'-2"	59	A204	2	5	STR	36'-10"	77	A232	2	5	STR	6'-6"	14	U1	48	4	2	12'-8"	406	
*A113	2	5	STR	27'-1"	56	A205	2	5	STR	35'-9"	75	A233	2	5	STR	5'-5"	11	U2	24	4	2	8'-4"	134	
*A114	2	5	STR	26'-0"	54	A206	2	5	STR	34'-8"	72	A234	2	5	STR	4'-4"	9							
*A115	2	5	STR	24'-11"	52	A207	2	5	STR	33'-7"	70	A235	2	5	STR	3'-3"	7							
*A116	2	5	STR	23'-10"	50	A208	2	5	STR	32'-6"	68													
*A117	2	5	STR	22'-9"	47	A209	2	5	STR	31'-5"	66	*B1	102	4	STR	31'-3"	2,129							
*A118	2	5	STR	21'-8"	45	A210	2	5	STR	30'-4"	63	*B2	68	4	STR	26'-3"	1,192							
*A119	2	5	STR	20'-7"	43	A211	2	5	STR	29'-3"	61	*B3	33	6	STR	28'-9"	1,425							
*A120	2	5	STR	19'-6"	41	A212	2	5	STR	28'-2"	59	*B4	31	6	STR	25'-9"	1,199							
*A121	2	5	STR	18'-5"	38	A213	2	5	STR	27'-1"	56	*B5	68	6	STR	36'-11"	3,766							
*A122	2	5	STR	17'-4"	36	A214	2	5	STR	26'-0"	54	*B6	64	6	STR	43'-7"	4,190							
*A123	2	5	STR	16'-3"	34	A215	2	5	STR	24'-11"	52	*B7	31	6	STR	14'-7"	679							
*A124	2	5	STR	15'-2"	32	A216	2	5	STR	23'-10"	50	*B8	33	6	STR	17'-7"	872							
*A125	2	5	STR	14'-1"	29	A217	2	5	STR	22'-9"	47	B9	116	5	STR	52'-11"	6,402							

\* EPOXY COATED REINFORCING STEEL 30,212 LBS.  
REINFORCING STEEL 22,518 LBS.

GROOVING BRIDGE FLOORS

APPROACH SLABS	1,715 SQ. FT.
BRIDGE DECK	7,196 SQ. FT.
TOTAL	8,911 SQ. FT.

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT.

SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MIN. SPLICE LENGTHS

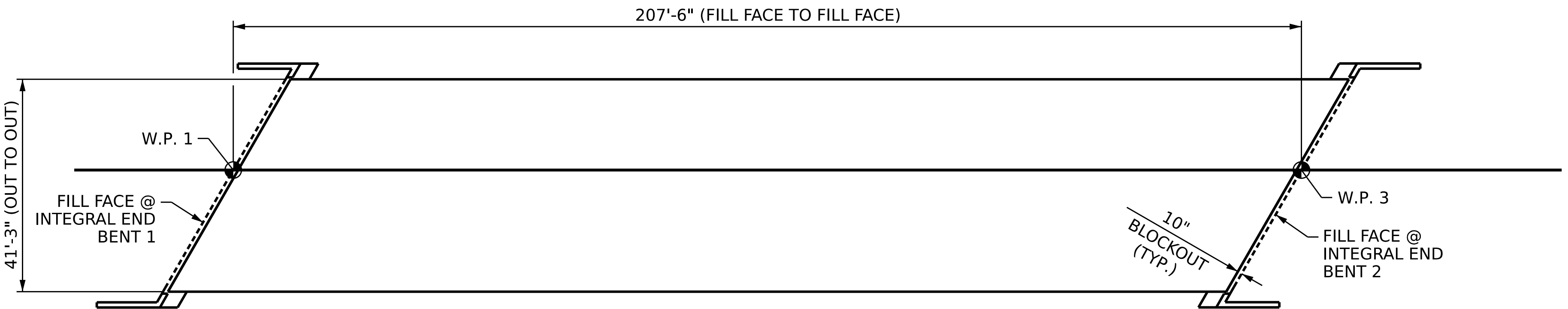
BAR SIZE	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPET, AND BARRIER RAIL		APPROACH SLABS		BARRIER RAILS
	EPOXY COATED	UNCOATED	EPOXY COATED	UNCOATED	EPOXY COATED
#4	1'-11"	1'-7"	1'-11"	1'-7"	2'-6"
#5	2'-5"	2'-0"	2'-5"	2'-0"	3'-1"
#6	2'-10"	2'-5"	3'-7"	2'-5"	3'-8"
#7	4'-2"	2'-9"	-	-	-
#8	4'-9"	3'-2"	-	-	-

SUPERSTRUCTURE BILL OF MATERIAL

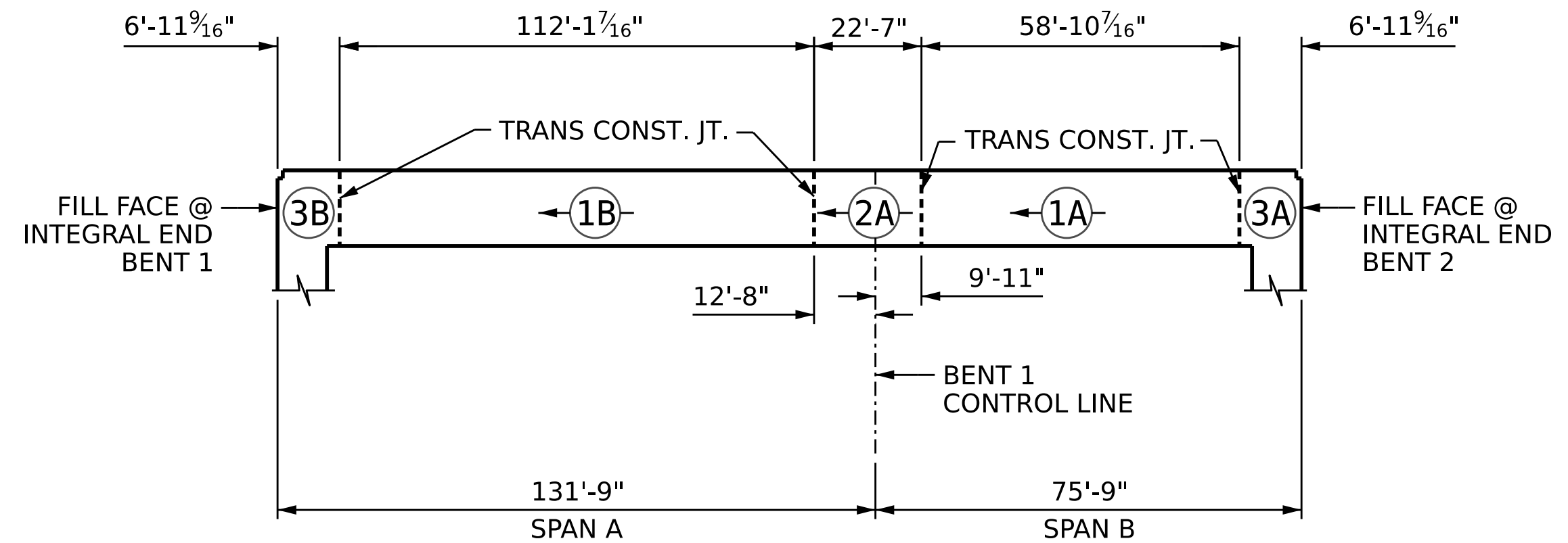
	CLASS AA CONCRETE ( CU. YDS. )	REINFORCING STEEL ( LBS. )	EPOXY COATED REINFORCING STEEL ( LBS. )
SPANS A-B		22,518	28,182
POUR #1A	77.0	-	-
POUR #1B	146.6	-	-
POUR #2A	29.5	-	-
POUR #3A	36.8	-	-
POUR #3B	36.8	-	-
TOTALS **	326.7	22,518	28,182

\*\* QUANTITIES FOR BARRIER RAILS ARE NOT INCLUDED

PROJECT NO. B-3186 / B-5898  
HAYWOOD COUNTY  
STATION: 24+42.26 -L\_RT-



LAYOUT OF COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB  
(SQ. FT. = 8,480)

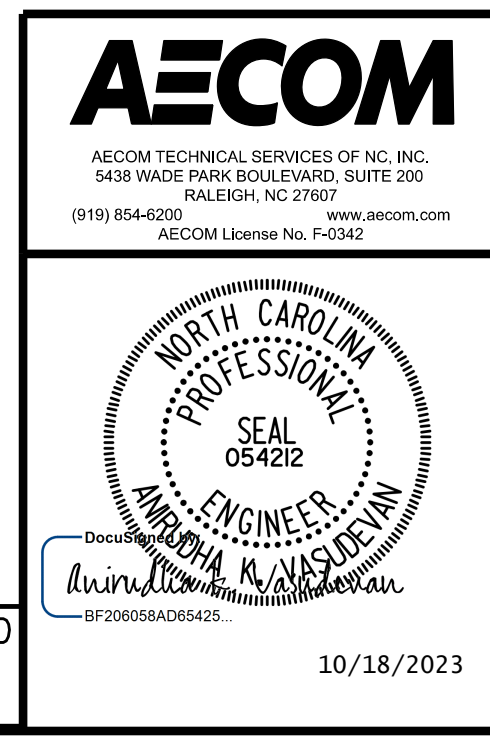


POURING SEQUENCE

# INDICATES POUR NUMBER AND POUR DIRECTION  
POUR ② SHALL NOT BE STARTED UNTIL BOTH ADJACENT POURS ① REACH A MINIMUM OF 3,000 PSI  
ALL DIMENSIONS MEASURED ALONG -L\_RT-

DRAWN BY: A.R. VAN VUREN DATE: 04/2023  
CHECKED BY: A.K. VASUDEVAN DATE: 05/2023  
DESIGN ENGINEER OF RECORD: A.K. VASUDEVAN DATE: 06/2023

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



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

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S2-19
1			3			TOTAL SHEETS 31
2			4			