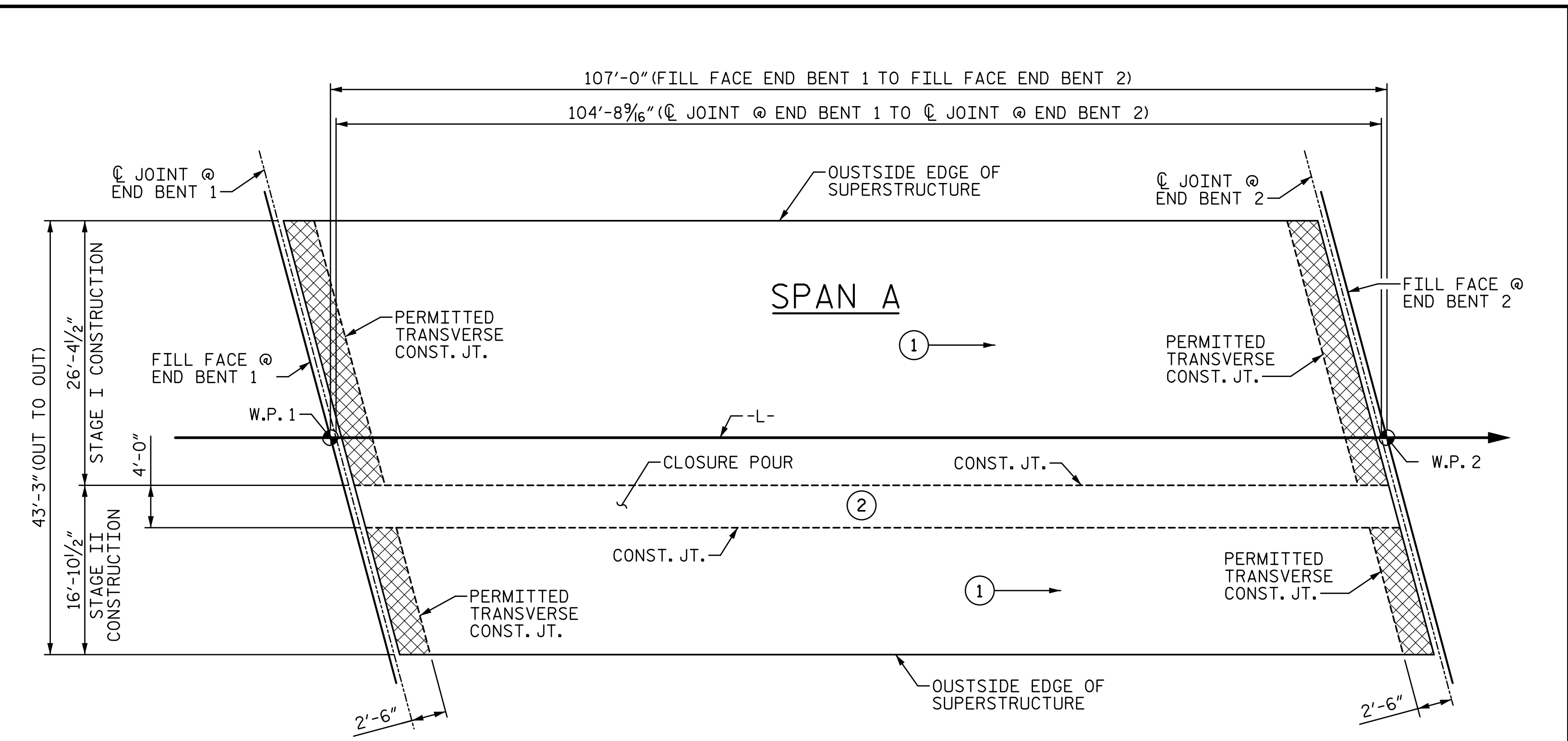
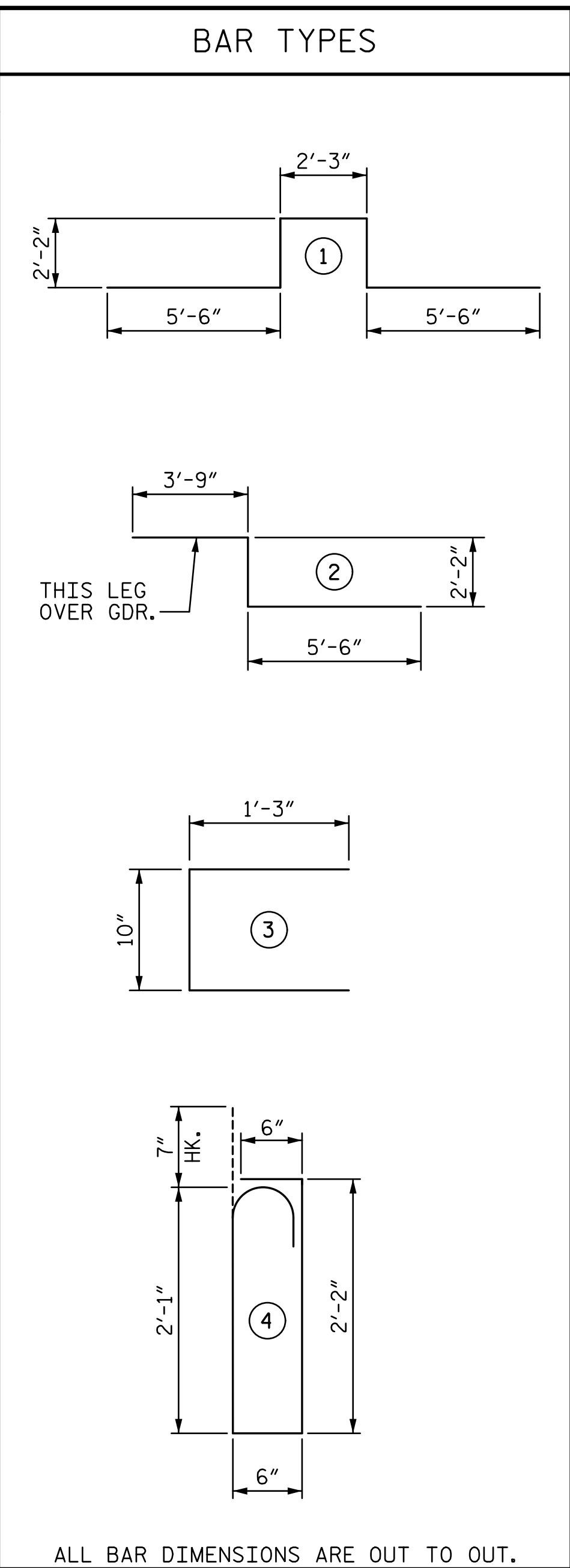


REINFORCING BAR SCHEDULE												
STAGE I CONSTRUCTION					STAGE II CONSTRUCTION							
MARK	NO.	SIZE	TYPE	LENGTH	WEIGHT	MARK	NO.	SIZE	TYPE	LENGTH	WEIGHT	
*A1	179	#5	STR.	26'-0"	4,854	*A3	186	#5	STR.	12'-6"	2,425	
A2	179	#5	STR.	26'-0"	4,854	A4	186	#5	STR.	12'-6"	2,425	
*A100	2	#5	STR.	25'-0"	52	*A107	2	#5	STR.	11'-0"	23	
*A101	2	#5	STR.	23'-0"	48	*A108	2	#5	STR.	9'-0"	19	
*A102	2	#5	STR.	21'-0"	44	*A109	2	#5	STR.	7'-0"	15	
*A103	2	#5	STR.	19'-0"	40	*A110	2	#5	STR.	5'-0"	10	
*A104	2	#5	STR.	17'-0"	35	*A111	2	#5	STR.	3'-0"	6	
*A105	2	#5	STR.	15'-0"	31	*A112	2	#5	STR.	2'-0"	4	
*A106	2	#5	STR.	13'-0"	27							
*A107	2	#5	STR.	11'-0"	23	A207	2	#5	STR.	11'-0"	23	
*A108	2	#5	STR.	9'-0"	19	A208	2	#5	STR.	9'-0"	19	
*A109	2	#5	STR.	7'-0"	15	A209	2	#5	STR.	7'-0"	15	
*A110	2	#5	STR.	5'-0"	10	A210	2	#5	STR.	5'-0"	10	
*A111	2	#5	STR.	3'-0"	6	A211	2	#5	STR.	3'-0"	6	
*A112	2	#5	STR.	2'-0"	4	A212	2	#5	STR.	2'-0"	4	
A200	2	#5	STR.	25'-3"	53	*B1	39	#4	STR.	36'-3"	944	
A201	2	#5	STR.	23'-2"	48	B2	44	#5	STR.	53'-0"	2,432	
A202	2	#5	STR.	21'-2"	44							
A203	2	#5	STR.	19'-2"	40	*D1	190	#6	STR.	6'-3"	1,784	
A204	2	#5	STR.	17'-2"	36	D2	190	#6	STR.	5'-8"	1,617	
A205	2	#5	STR.	15'-2"	32							
A206	2	#5	STR.	13'-1"	27	*G2	2	#5	STR.	17'-1"	36	
A207	2	#5	STR.	11'-1"	23							
A208	2	#5	STR.	9'-1"	19	*K1	4	#8	①	17'-7"	188	
A209	2	#5	STR.	7'-0"	15	*K2	4	#8	②	11'-5"	122	
A210	2	#5	STR.	5'-0"	10	*K3	12	#6	STR.	5'-8"	102	
A211	2	#5	STR.	3'-0"	6							
A212	2	#5	STR.	2'-0"	4	*S1	28	#4	③	3'-4"	62	
						*S2	28	#5	④	5'-10"	170	
*B1	54	#4	STR.	36'-3"	1,308							
B2	56	#5	STR.	53'-0"	3,096							
*D1	191	#6	STR.	6'-3"	1,793							
D2	191	#6	STR.	5'-8"	1,626							
*G1	2	#5	STR.	29'-5"	61							
*K1	12	#8	①	17'-7"	563							
*K2	4	#8	②	11'-5"	122							
*K3	18	#6	STR.	5'-8"	153							
*S1	42	#4	③	3'-4"	94							
*S2	42	#5	④	5'-10"	256							
* EPOXY COATED REINF. STEEL (LBS.)				9,558	* EPOXY COATED REINF. STEEL (LBS.)				5,910			
REINF. STEEL (LBS.)				9,933	REINF. STEEL (LBS.)				6,551			



LAYOUT FOR POURING SEQUENCE & COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB (SQ. FT. = 4,529)

← * = INDICATES POUR NUMBER AND DIRECTION OF POUR

LEGEND:
 DECK CLOSURE POUR AT JOINTS

STAGE	SPAN A	CLASS AA CONCRETE	* EPOXY COATED REINFORCING STEEL	REINFORCING STEEL
		(CU. YDS.)	(LBS.)	(LBS.)
I	POUR 1	87.3	9,558	9,933
II	POUR 1	43.2	5,910	6,551
	POUR 2	14.9		
	TOTAL**	145.4	15,468	16,484

** QUANTITIES FOR CONCRETE BARRIER RAIL ARE NOT INCLUDED

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	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"			

APPROACH SLABS	1,826 SQ.FT.
BRIDGE DECK	3,843 SQ.FT.
TOTAL	5,669 SQ.FT.

PROJECT NO. BR-0029
 MACON COUNTY
 STATION: 15+52.07 -L-

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUPERSTRUCTURE
 BILL OF MATERIAL

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-22
1			3			TOTAL SHEETS
2			4			33

DRMP
 4235 SOUTH STREAM BLVD.
 SUITE 150,
 CHARLOTTE, NC 28217
 (704) 332-2289
 NC LICENSE NO. C-2213



DRAWN BY : D. LOFLIN DATE : 08-2021
 CHECKED BY : V. WU DATE : 09-2021
 DESIGN ENGINEER OF RECORD: VINCENT M. WU DATE : 10-2021

**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**