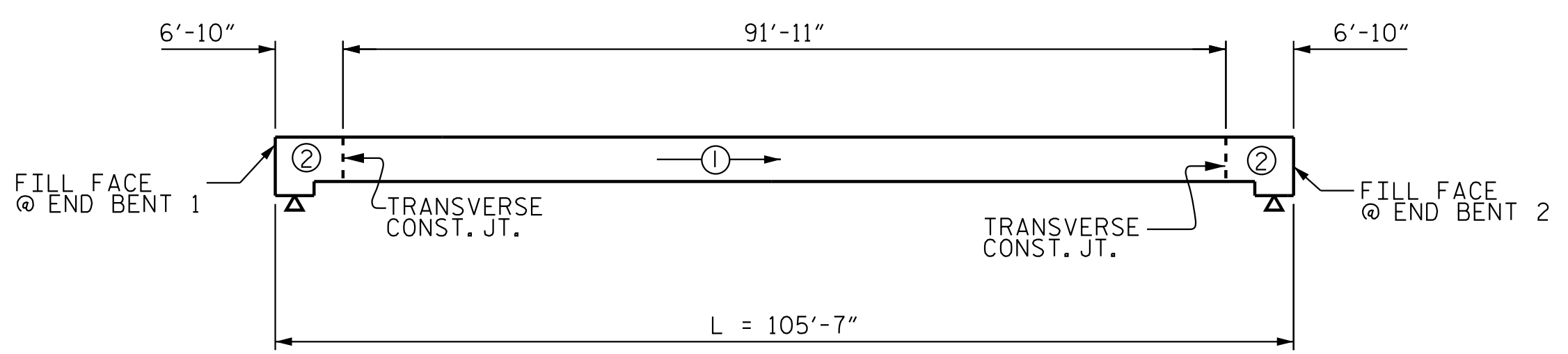
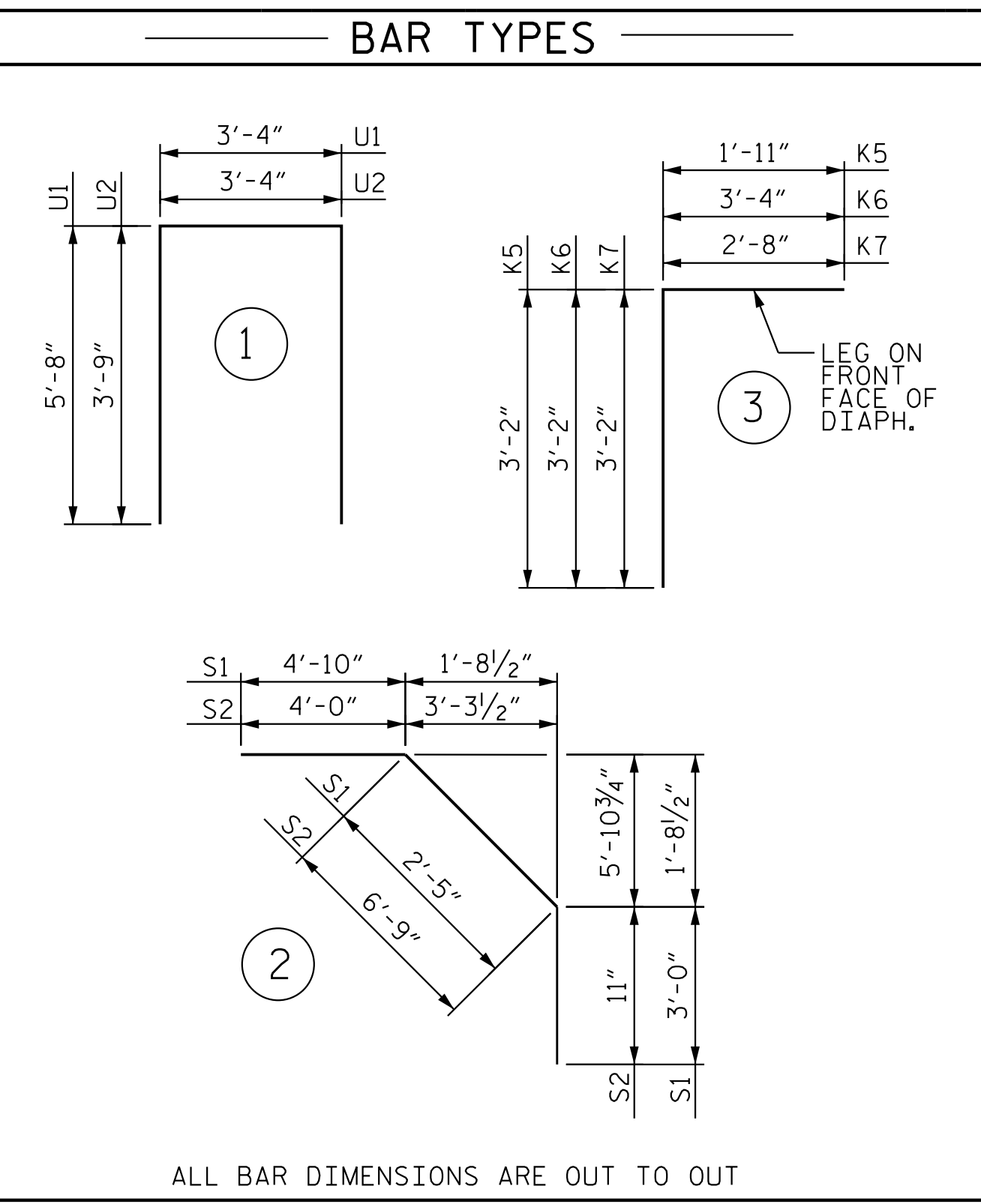


LAYOUT FOR COMPUTING AREA REINFORCED CONCRETE DECK SLAB (SQ. FT. = 4,356)



POURING SEQUENCE ALONG GRADE LINE -RL-
⊕ → = INDICATES POUR NUMBER AND DIRECTION OF POUR

REINFORCING BAR SCHEDULE						
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	
*A1	191	#5	STR	40'-9"	8118	
A2	191	#5	STR	40'-9"	8118	
*B1	58	#5	STR	53'-0"	3206	
B2	82	#5	STR	52'-10"	4519	
*B3	54	#6	STR	20'-2"	1636	
*B4	54	#6	STR	23'-0"	1865	
*G1	2	#5	STR	40'-9"	85	
K1	28	#4	STR	21'-3"	397	
K2	6	#4	STR	7'-0"	28	
K3	30	#4	STR	9'-10"	197	
K4	6	#4	STR	8'-6"	34	
K5	4	#4	3	5'-1"	14	
K6	20	#4	3	6'-6"	87	
K7	4	#4	3	5'-10"	16	
K8	12	#4	STR	6'-8"	53	
*S1	60	#4	2	10'-3"	411	
*S2	80	#4	2	11'-8"	623	
U1	60	#4	1	14'-8"	588	
U2	16	#4	1	10'-10"	116	
REINFORCING STEEL				14,167 LBS.		
EPOXY COATED REINFORCING STEEL				15,944 LBS.		



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	122.9		
POUR #2	81.2		
TOTALS**	204.1	14,167	15,944

**QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

GROOVING BRIDGE FLOORS	
APPROACH SLABS	1,692 SQ.FT.
BRIDGE DECK	3,626 SQ.FT.
TOTAL	5,318 SQ.FT.

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"			

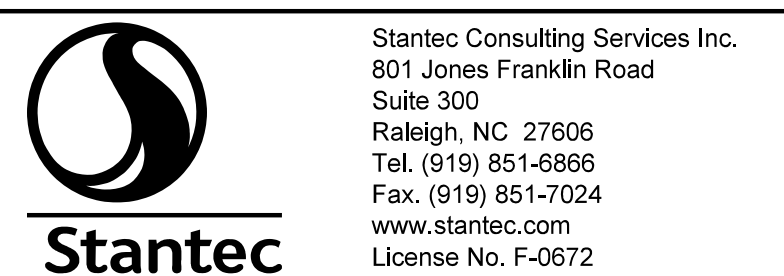
PROJECT NO. R-2707D
CLEVELAND COUNTY
STATION: 810+00.00 -L-



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
SUPERSTRUCTURE BILL OF MATERIAL
(RL)

REVISIONS						SHEET NO. S9-19
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 30
2			4			

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



DRAWN BY: N. D'AIUTO DATE: 05/01/18
CHECKED BY: J.T. KELVINGTON DATE: 12/05/22
DESIGN ENGINEER OF RECORD: J.T. KELVINGTON DATE: 06/22/23

6/22/2023 jHogenbush c:\pvt\working\dmis7003\A\R2707D-SMU.LM-2200B9.dgn