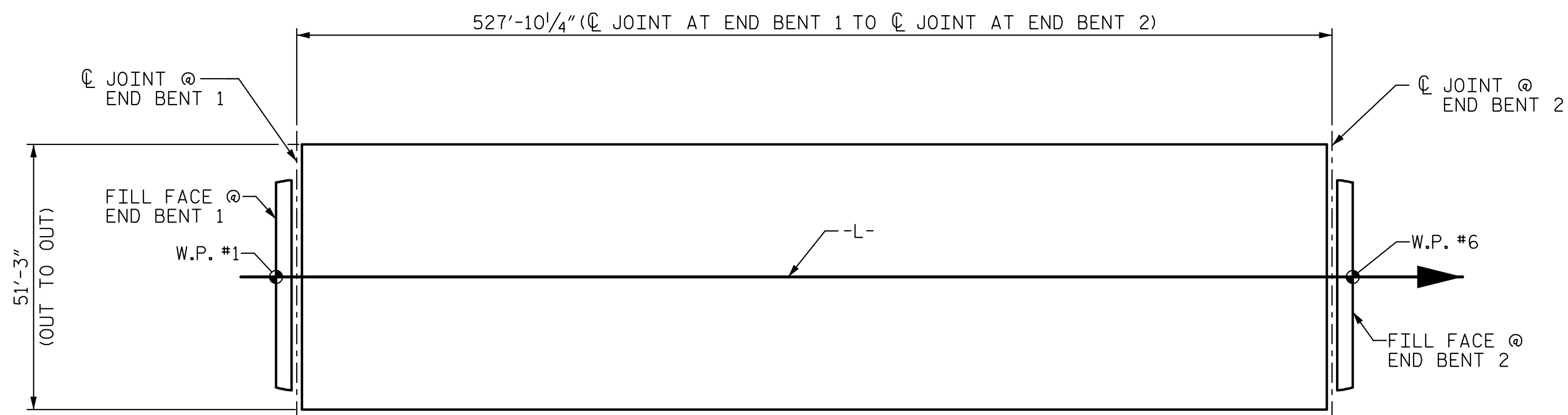


SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS

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"			

SUPERSTRUCTURE BILL OF MATERIAL							REINFORCING STEEL (LBS.)	EPOXY COATED REINFORCING STEEL (LBS.)
POUR NO.	CLASS AA CONCRETE (CU. YDS.)					TOTAL		
	#1	#2	#3	#4	#5			
DECK	147.7	214.6	215.4	214.6	171.6	963.9	85,592	85,880
TOTALS**						963.9	85,592	85,880

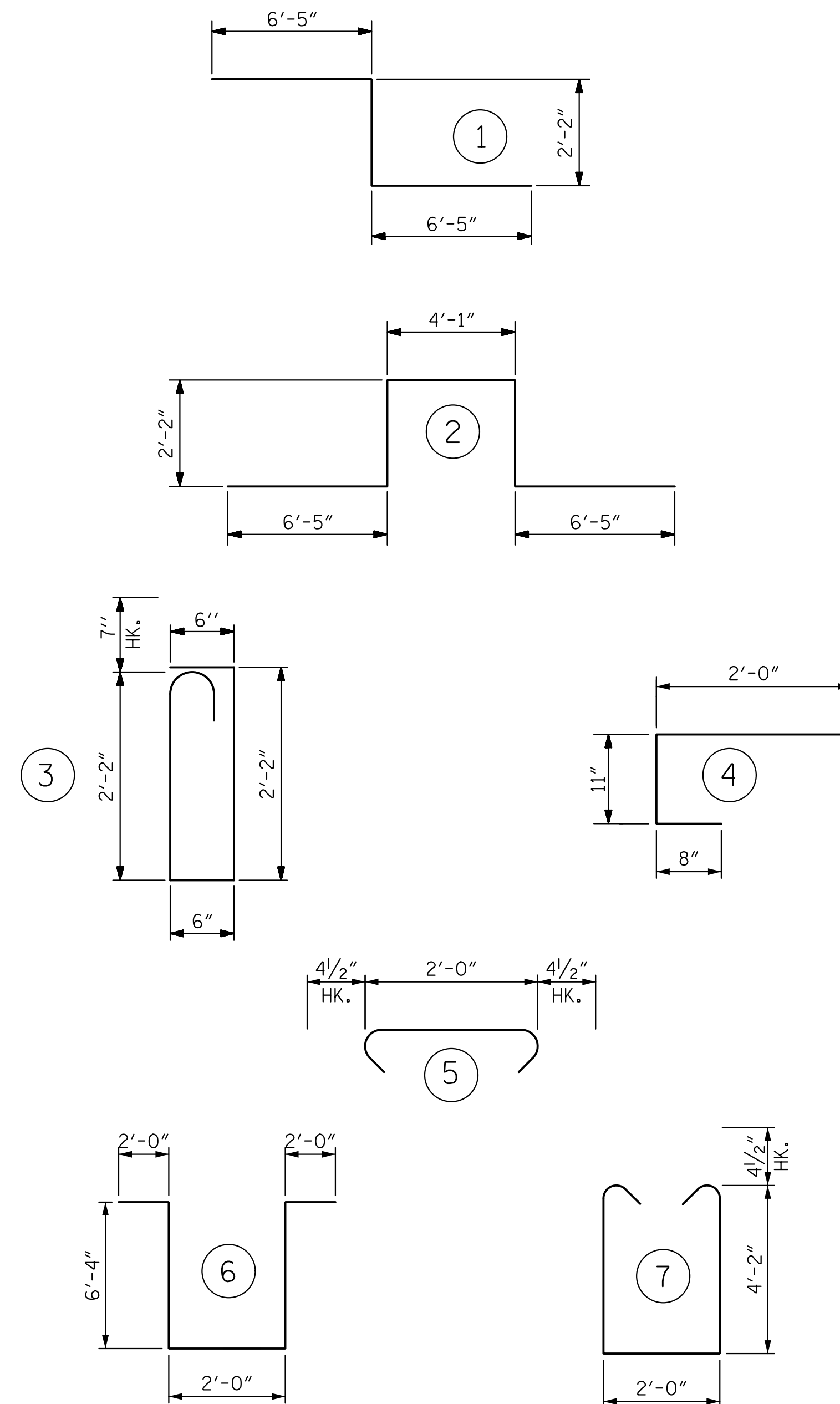
** QUANTITIES FOR CONCRETE BARRIER RAIL ARE NOT INCLUDED



LAYOUT FOR COMPUTING AREA REINFORCED CONCRETE DECK SLAB (SQ. FT. = 27,053)

GROOVING BRIDGE FLOORS	
APPROACH SLABS	1,234 SQ.FT.
BRIDGE DECK	23,729 SQ.FT.
TOTAL	24,963 SQ.FT.

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

BILL OF MATERIAL

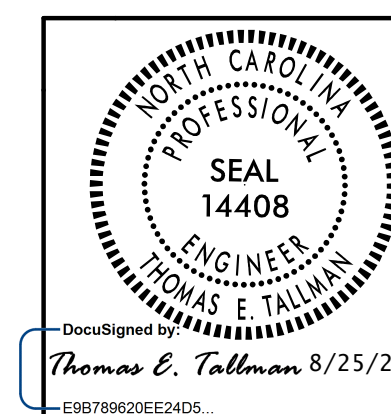
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	904	#5	STR	50'-11"	48,008
A2	904	#5	STR	50'-11"	48,008
* B1	84	#4	STR	22'-4"	1,253
* B2	336	#6	STR	42'-6"	21,449
* B3	156	#6	STR	36'-0"	8,435
* B4	252	#4	STR	20'-6"	3,451
* B5	84	#4	STR	28'-10"	1,618
B6	44	#5	STR	42'-10"	1,966
B7	352	#6	STR	42'-4"	22,382
B8	132	#5	STR	39'-4"	5,415
B9	44	#5	STR	55'-10"	2,562
* G1	2	#5	STR	50'-11"	106
* K1	8	#8	1	15'-0"	320
* K2	12	#8	2	21'-3"	681
* K3	8	#6	STR	6'-7"	79
K4	32	#4	STR	6'-10"	146
K5	160	#4	STR	9'-7"	1,024
K6	32	#4	STR	6'-7"	141
K7	28	#4	STR	42'-0"	786
* S1	56	#5	3	5'-11"	346
* S2	56	#4	4	3'-7"	134
S3	832	#4	5	2'-9"	1,528
U1	32	#4	7	11'-1"	237
U2	112	#4	6	18'-8"	1,397

REINFORCING STEEL	LBS.	85,592
* EPOXY COATED REINFORCING STEEL	LBS.	85,880

PROJECT NO. W-5516
 ROWAN COUNTY
 STATION: 61+79.40 -L-

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

ASSEMBLED BY : D. H. CARTER	DATE MAY 2015
CHECKED BY : M. T. NEHEISEL	DATE MAY 2015
DRAWN BY : JMB 5/87	REV. 8/16/99 RWW/LES
CHECKED BY : SJD 9/87	REV. 5/1/06 TLA/GM
	REV. 10/1/11 MAA/GM



REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-24
1			3			TOTAL SHEETS 41
2			4			

STD. NO. BOM2