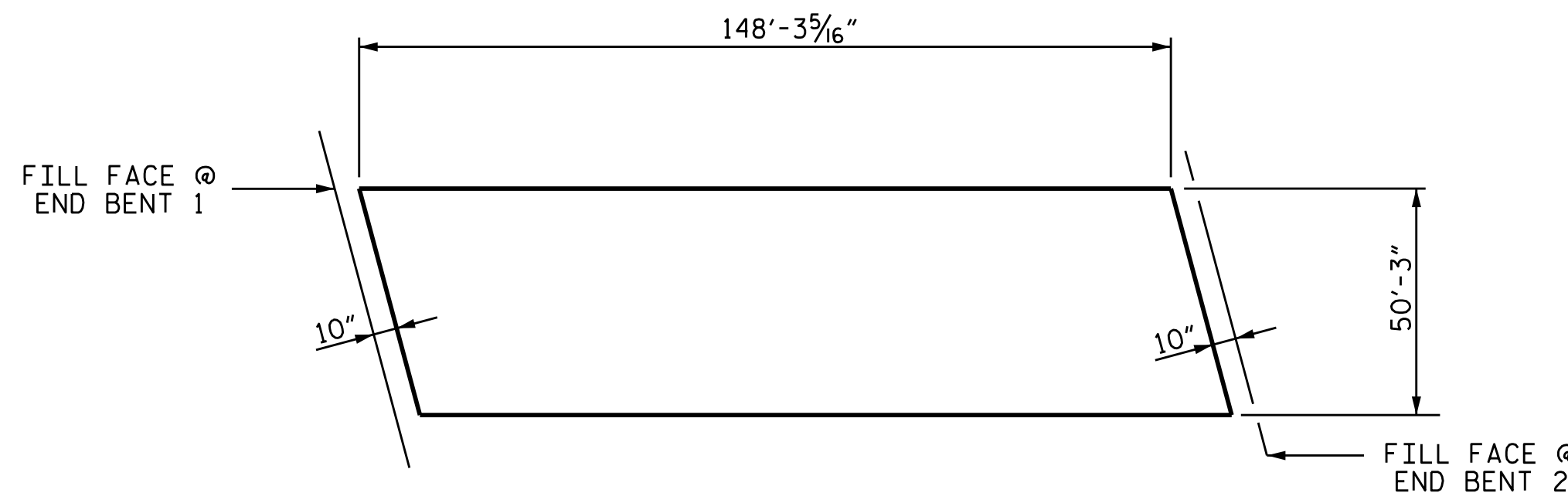


SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS

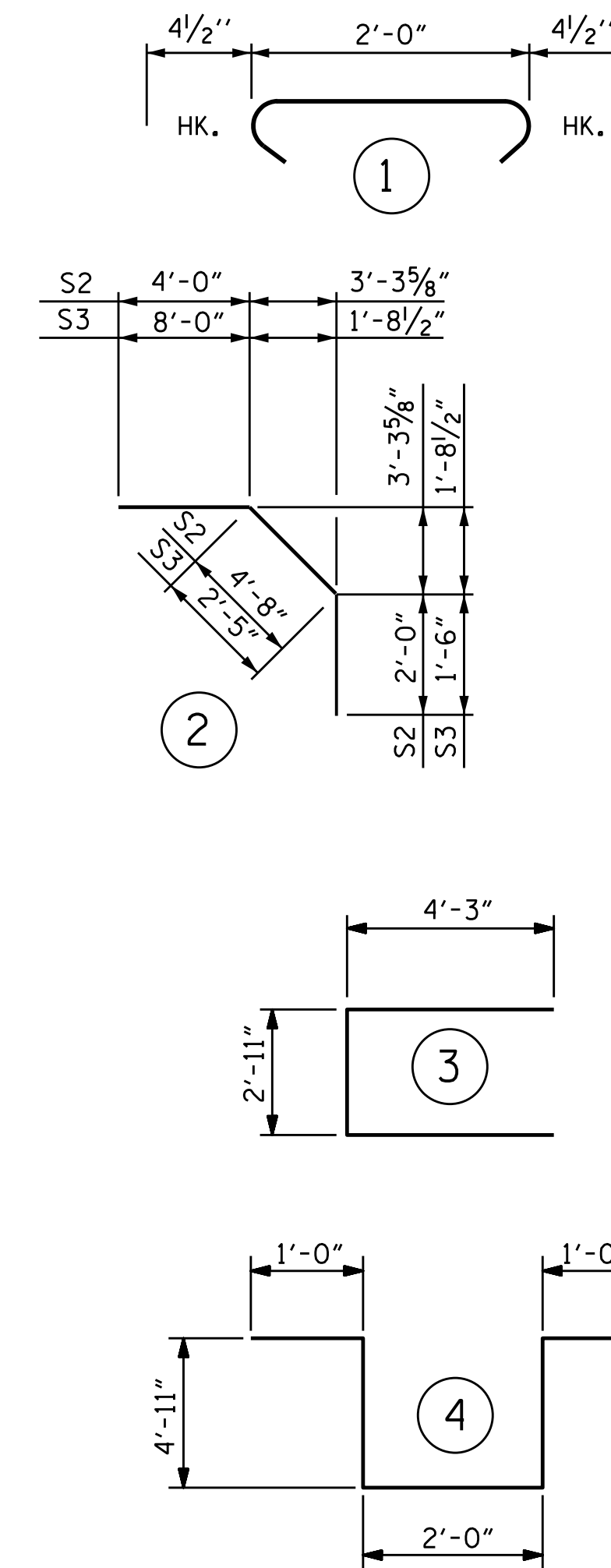
BAR SIZE	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPET, AND BARRIER RAIL		APPROACH SLABS		PARAPET AND BARRIER RAIL
	EPOXY COATED	UNCOATED	EPOXY COATED	UNCOATED	
#4	1'-11"	1'-7"	1'-11"	1'-7"	2'-6"
#5	2'-5"	2'-0"	2'-5"	2'-0"	3'-1"
#6	2'-10"	2'-5"	3'-7"	2'-5"	3'-8"
#7	4'-2"	2'-9"			
#8	4'-9"	3'-2"			



BILL OF MATERIAL

BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR NO.	SIZE	TYPE	LENGTH	WEIGHT		
*A1	295	5	STR.	49'-11"	15359	A43	2	5	STR.	25'-7"	53
*A2	2	5	STR.	47'-10"	100	A44	2	5	STR.	23'-11"	50
*A3	2	5	STR.	46'-2"	96	A45	2	5	STR.	22'-2"	46
*A4	2	5	STR.	44'-5"	93	A46	2	5	STR.	20'-6"	43
*A5	2	5	STR.	42'-9"	89	A47	2	5	STR.	18'-9"	39
*A6	2	5	STR.	41'-0"	86	A48	2	5	STR.	17'-1"	36
*A7	2	5	STR.	39'-3"	82	A49	2	5	STR.	15'-4"	32
*A8	2	5	STR.	37'-7"	78	A50	2	5	STR.	13'-8"	29
*A9	2	5	STR.	35'-10"	75	A51	2	5	STR.	11'-11"	25
*A10	2	5	STR.	34'-2"	71	A52	2	5	STR.	10'-3"	21
*A11	2	5	STR.	32'-5"	68	A53	2	5	STR.	8'-6"	18
*A12	2	5	STR.	30'-9"	64	A54	2	5	STR.	6'-9"	14
*A13	2	5	STR.	29'-0"	60	A55	2	5	STR.	5'-1"	11
*A14	2	5	STR.	27'-4"	57	A56	2	5	STR.	3'-4"	7
*A15	2	5	STR.	25'-7"	53						
*A16	2	5	STR.	23'-11"	50	*B1	136	4	STR.	38'-6"	3498
*A17	2	5	STR.	22'-2"	46	B2	192	5	STR.	51'-3"	10263
*A18	2	5	STR.	20'-6"	43	*B3	33	6	STR.	22'-9"	1128
*A19	2	5	STR.	18'-9"	39	*B4	33	6	STR.	55'-1"	2730
*A20	2	5	STR.	17'-1"	36	*B5	33	6	STR.	11'-11"	590
*A21	2	5	STR.	15'-4"	32	*B6	33	6	STR.	10'-11"	541
*A22	2	5	STR.	13'-8"	29	*B7	33	6	STR.	20'-1"	995
*A23	2	5	STR.	11'-11"	25	*B8	33	6	STR.	19'-1"	946
*A24	2	5	STR.	10'-3"	21						
*A25	2	5	STR.	8'-6"	18	K1	20	4	STR.	26'-8"	356
*A26	2	5	STR.	6'-9"	14	K2	8	4	STR.	8'-6"	45
*A27	2	5	STR.	5'-1"	11	K3	32	4	STR.	10'-1"	216
*A28	2	5	STR.	3'-4"	7	K4	16	4	STR.	9'-1"	97
A29	295	5	STR.	49'-11"	15359	K5	4	4	STR.	2'-3"	6
A30	2	5	STR.	47'-10"	100	K6	16	4	STR.	9'-5"	101
A31	2	5	STR.	46'-2"	96	K7	4	4	STR.	2'-7"	7
A32	2	5	STR.	44'-5"	93	K8	8	4	STR.	3'-1"	16
A33	2	5	STR.	42'-9"	89	K9	4	4	STR.	2'-9"	7
A34	2	5	STR.	41'-0"	86	K10	10	4	STR.	24'-0"	160
A35	2	5	STR.	39'-3"	82	K11	8	4	STR.	7'-6"	40
A36	2	5	STR.	37'-7"	78						
A37	2	5	STR.	35'-10"	75	S1	128	4	1	2'-9"	235
A38	2	5	STR.	34'-2"	71	*S2	80	4	2	10'-8"	570
A39	2	5	STR.	32'-5"	68	*S3	84	4	2	11'-11"	669
A40	2	5	STR.	30'-9"	64						
A41	2	5	STR.	29'-0"	60	U1	80	4	3	11'-5"	610
A42	2	5	STR.	27'-4"	57	U2	32	4	4	13'-10"	296

BAR TYPES



SUPERSTRUCTURE BILL OF MATERIAL

	CLASS AA CONCRETE (CU. YDS.)	REINFORCING STEEL (LBS.)	EPOXY COATED REINFORCING STEEL (LBS.)
POUR 1	129.9		
POUR 2	112.0		
POUR 3	76.3		
TOTALS**	318.2	29,237	28,469

** QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

PROJECT NO. R-256ICA
COLUMBUS COUNTY
 STATION: 71+06.00 -L-

GROOVING BRIDGE FLOORS

APPROACH SLABS	2154	SO.FT.
BRIDGE DECK	6524	SO.FT.
TOTAL	8678	SO.FT.

DocuSigned by:

 DB3C8E45B06D498
 8/15/2022

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

DESIGN ENGINEER OF RECORD: DATE: 8/15/2022
 DRAWN BY: A. K. ALLANKI DATE: 08/14/19
 CHECKED BY: R. C. LARSON DATE: 06/29/20

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

KCI Associates
 of North Carolina, P.A.
 4009 Falls of House Road, Suite 400 Raleigh, NC 27609-6270 Phone 919-785-5244

NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO. S4-17
 TOTAL SHEETS 29

\$FILEL\$ \$DATE\$ \$TIME\$ \$USER\$ \$PENTBL\$ \$PLTDV\$ \$PROJECT NO. 241704391.04