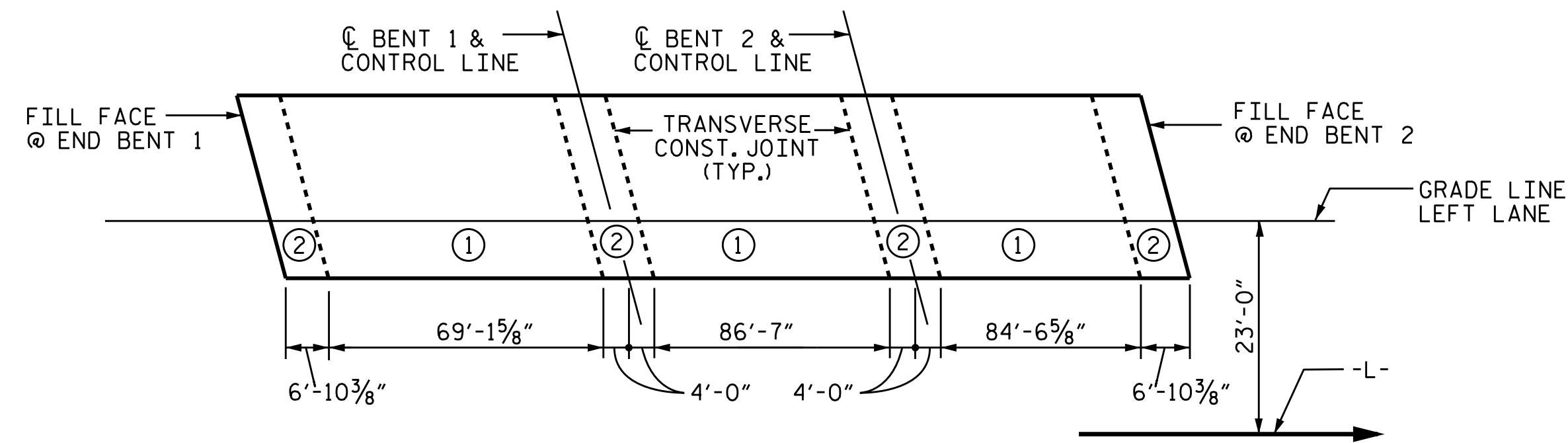


DECK POURING SEQUENCE

② INDICATES POUR SEQUENCE AND DIRECTION



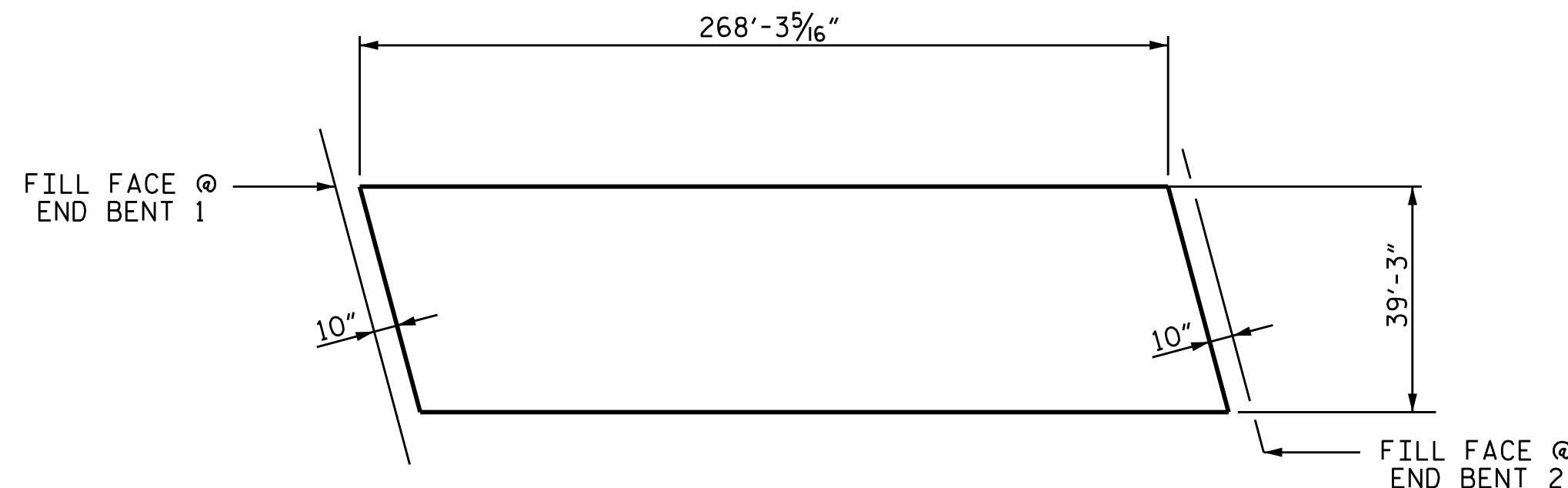
OPTIONAL DECK POURING SEQUENCE

② INDICATES POUR SEQUENCE

NO POUR 2 MAY BE STARTED UNTIL BOTH ADJACENT POURS 1 HAVE REACHED A MINIMUM STRENGTH OF 3000 PSI.

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

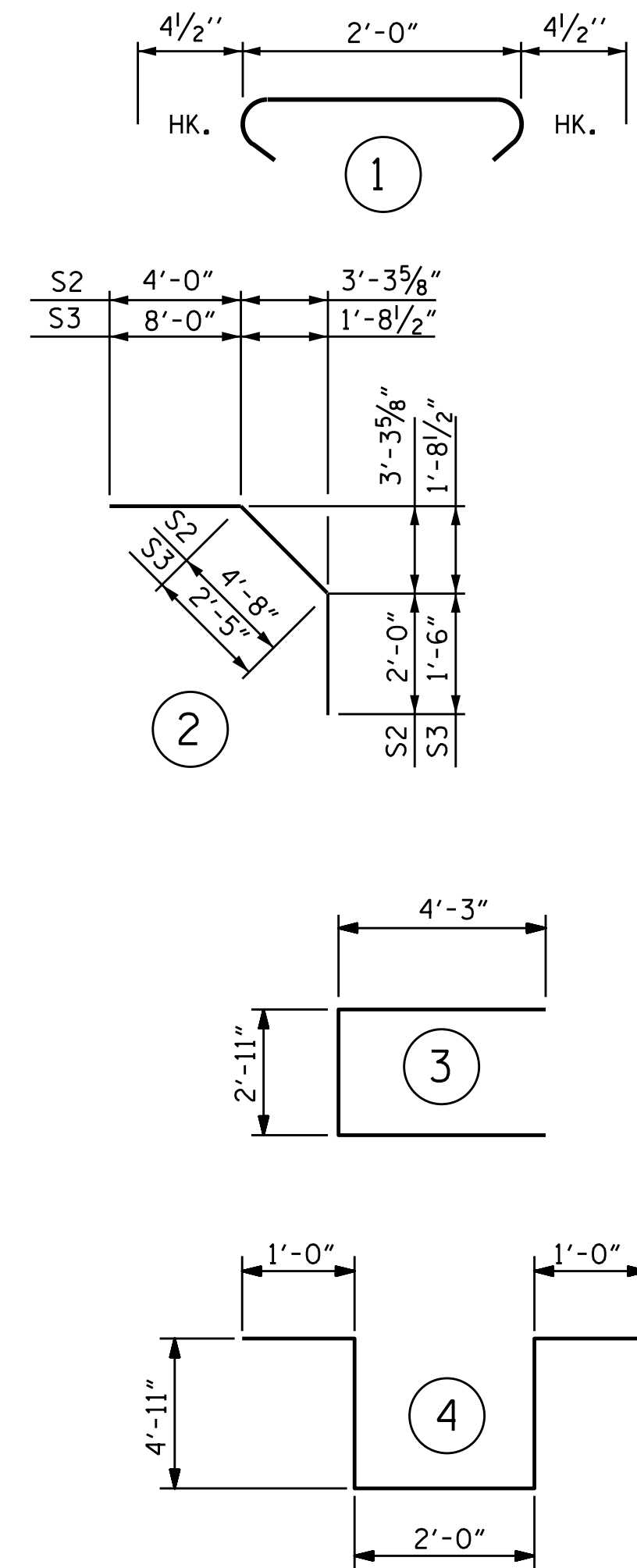
BAR SIZE	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPET, AND BARRIER RAIL		APPROACH SLABS		PARAPET AND BARRIER RAIL
	EPOXY COATED	UNCOATED	EPOXY COATED	UNCOATED	
#4	1'-11"	1'-7"	1'-11"	1'-7"	2'-6"
#5	2'-5"	2'-0"	2'-5"	2'-0"	3'-1"
#6	2'-10"	2'-5"	3'-7"	2'-5"	3'-8"
#7	4'-2"	2'-9"			
#8	4'-9"	3'-2"			



LAYOUT FOR COMPUTING AREA REINFORCED CONCRETE DECK SLAB (SQ. FT. = 10530)

BILL OF MATERIAL											
BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	563	5	STR.	38'-11"	22852	A37	2	5	STR.	14'-10"	31
*A2	2	5	STR.	37'-1"	77	A38	2	5	STR.	13'-1"	27
*A3	2	5	STR.	35'-4"	74	A39	2	5	STR.	11'-5"	24
*A4	2	5	STR.	33'-8"	70	A40	2	5	STR.	9'-8"	20
*A5	2	5	STR.	31'-11"	67	A41	2	5	STR.	8'-0"	17
*A6	2	5	STR.	30'-3"	63	A42	2	5	STR.	6'-3"	13
*A7	2	5	STR.	28'-6"	59	A43	2	5	STR.	4'-7"	10
*A8	2	5	STR.	26'-9"	56	A44	2	5	STR.	2'-10"	6
*A9	2	5	STR.	25'-1"	52						
*A10	2	5	STR.	23'-4"	49	*B1	189	4	STR.	40'-0"	5050
*A11	2	5	STR.	21'-8"	45	B2	250	5	STR.	55'-7"	14493
*A12	2	5	STR.	19'-11"	42	*B3	50	6	STR.	28'-8"	2153
*A13	2	5	STR.	18'-3"	38	*B4	100	6	STR.	35'-1"	5269
*A14	2	5	STR.	16'-6"	34	*B5	25	6	STR.	20'-1"	754
*A15	2	5	STR.	14'-10"	31	*B6	25	6	STR.	19'-1"	717
*A16	2	5	STR.	13'-1"	27	*B7	25	6	STR.	17'-0"	638
*A17	2	5	STR.	11'-5"	24	*B8	25	6	STR.	16'-0"	601
*A18	2	5	STR.	9'-8"	20						
*A19	2	5	STR.	8'-0"	17	K1	10	4	STR.	40'-0"	267
*A20	2	5	STR.	6'-3"	13	K2	6	4	STR.	8'-4"	33
*A21	2	5	STR.	4'-7"	10	K3	36	4	STR.	9'-11"	238
*A22	2	5	STR.	2'-10"	6	K4	18	4	STR.	8'-11"	107
A23	563	5	STR.	38'-11"	22852	K5	4	4	STR.	2'-5"	6
A24	2	5	STR.	37'-1"	77	K6	18	4	STR.	9'-3"	111
A25	2	5	STR.	35'-4"	74	K7	4	4	STR.	2'-8"	7
A26	2	5	STR.	33'-8"	70	K8	8	4	STR.	3'-2"	17
A27	2	5	STR.	31'-11"	67	K9	4	4	STR.	2'-10"	8
A28	2	5	STR.	30'-3"	63	K10	10	4	STR.	33'-2"	222
A29	2	5	STR.	28'-6"	59	K11	12	4	STR.	7'-4"	59
A30	2	5	STR.	26'-9"	56						
A31	2	5	STR.	25'-1"	52	S1	192	4	1	2'-9"	353
A32	2	5	STR.	23'-4"	49	*S2	62	4	2	10'-8"	442
A33	2	5	STR.	21'-8"	45	*S3	66	4	2	11'-11"	525
A34	2	5	STR.	19'-11"	42						
A35	2	5	STR.	18'-3"	38	U1	62	4	3	11'-5"	473
A36	2	5	STR.	16'-6"	34	U2	48	4	4	13'-10"	444

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

—SUPERSTRUCTURE BILL OF MATERIAL—

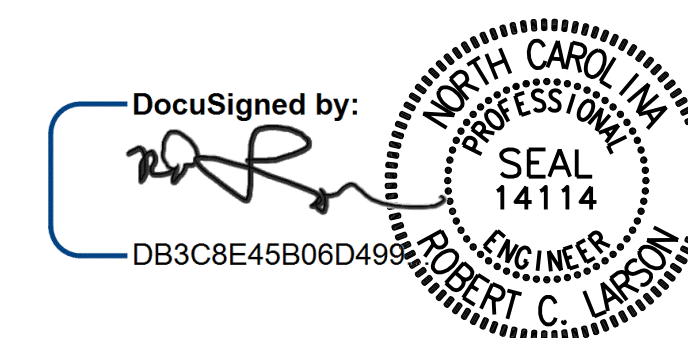
	CLASS AA CONCRETE (CU. YDS.)	REINFORCING STEEL (LBS.)	EPOXY COATED REINFORCING STEEL (LBS.)
POUR 1	86.0		
POUR 2	135.3		
POUR 3	136.6		
POUR 4	59.0		
TOTALS**	416.9	40,564	39,875

** QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

GROOVING BRIDGE FLOORS

APPROACH SLABS	1616 SQ.FT.
BRIDGE DECK	8853 SQ.FT.
TOTAL	10,469 SQ.FT.

PROJECT NO. R-2561CA
COLUMBUS COUNTY
 STATION: 70+34.00 -L-



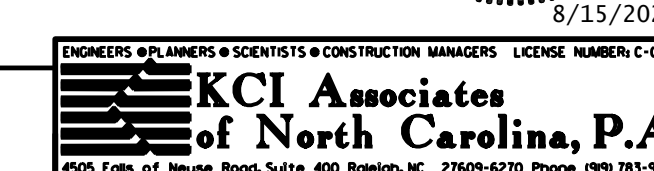
STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUPERSTRUCTURE BILL OF MATERIAL

LEFT LANE

DESIGN ENGINEER OF RECORD:		DATE:	8/15/2022
DRAWN BY:	A. K. ALLANKI	DATE:	08/21/19
CHECKED BY:	R. C. LARSON	DATE:	06/17/20

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



REVISIONS				SHEET NO.		
NO.	BY:	DATE:	NO.	BY:	DATE:	S3-18
1			3			TOTAL SHEETS 30
2			4			

\$FILEL\$ \$DATES\$ \$TIME\$ \$USERS\$ \$PENTBL\$ \$PLTDV\$ \$PROJECT NO. 241704391.04