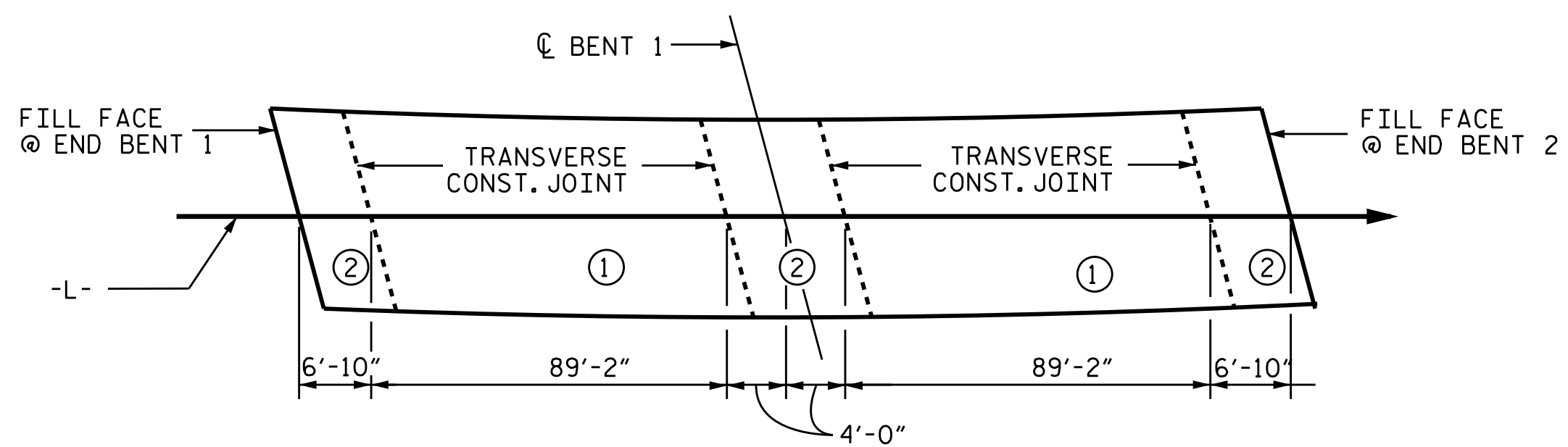


DECK POURING SEQUENCE

② → INDICATES POUR SEQUENCE AND DIRECTION



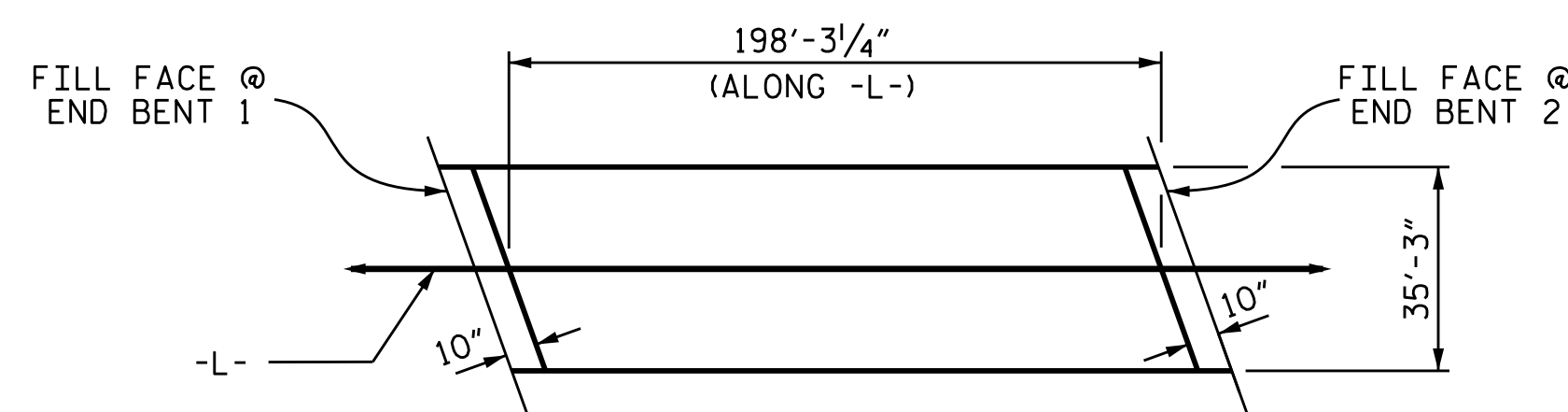
OPTIONAL DECK POURING SEQUENCE

② → INDICATES POUR SEQUENCE AND DIRECTION

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, PARAPETS, AND BARRIER RAILS		APPROACH SLABS		PARAPETS AND BARRIER RAILS
	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"			

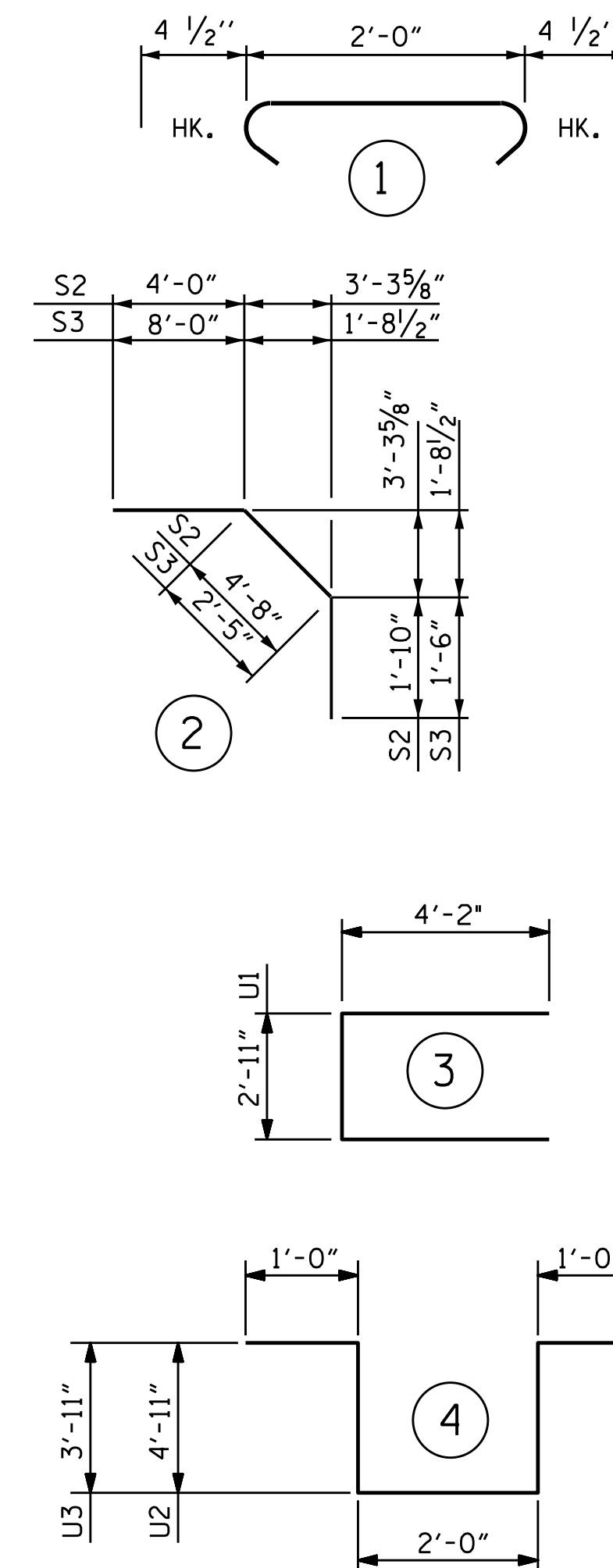


LAYOUT FOR COMPUTING AREA REINFORCED CONCRETE DECK SLAB (SQ. FT. = 6989)

BILL OF MATERIAL

BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR NO.	SIZE	TYPE	LENGTH	WEIGHT		
* A1	377	5	STR.	34'-11"	13730	A54	1	5	STR.	30'-4"	32
* A2	1	5	STR.	2'-7"	3	A55	1	5	STR.	32'-2"	34
* A3	1	5	STR.	4'-6"	5	A56	1	5	STR.	34'-0"	35
* A4	1	5	STR.	6'-4"	7	A57	1	5	STR.	34'-0"	35
* A5	1	5	STR.	8'-2"	9	A58	1	5	STR.	32'-1"	33
* A6	1	5	STR.	10'-0"	10	A59	1	5	STR.	30'-3"	32
* A7	1	5	STR.	11'-10"	12	A60	1	5	STR.	28'-4"	30
* A8	1	5	STR.	13'-8"	14	A61	1	5	STR.	26'-5"	28
* A9	1	5	STR.	15'-6"	16	A62	1	5	STR.	24'-7"	26
* A10	1	5	STR.	17'-5"	18	A63	1	5	STR.	22'-8"	24
* A11	1	5	STR.	19'-3"	20	A64	1	5	STR.	20'-9"	22
* A12	1	5	STR.	21'-1"	22	A65	1	5	STR.	18'-11"	20
* A13	1	5	STR.	22'-11"	24	A66	1	5	STR.	17'-0"	18
* A14	1	5	STR.	24'-9"	26	A67	1	5	STR.	15'-1"	16
* A15	1	5	STR.	26'-7"	28	A68	1	5	STR.	13'-3"	14
* A16	1	5	STR.	28'-5"	30	A69	1	5	STR.	11'-4"	12
* A17	1	5	STR.	30'-4"	32	A70	1	5	STR.	9'-6"	10
* A18	1	5	STR.	32'-2"	34	A71	1	5	STR.	7'-7"	8
* A19	1	5	STR.	34'-0"	35	A72	1	5	STR.	5'-8"	6
* A20	1	5	STR.	34'-0"	35	A73	1	5	STR.	3'-10"	4
* A21	1	5	STR.	32'-1"	33	A74	1	5	STR.	2'-0"	2
* A22	1	5	STR.	30'-3"	32						
* A23	1	5	STR.	28'-4"	30	* B1	144	4	STR.	34'-8"	3335
* A24	1	5	STR.	26'-5"	28	B2	172	5	STR.	51'-4"	9209
* A25	1	5	STR.	24'-7"	26	* B3	46	6	STR.	36'-6"	2522
* A26	1	5	STR.	22'-8"	24	* B4	23	6	STR.	30'-0"	1036
* A27	1	5	STR.	20'-9"	22	* B5	46	6	STR.	21'-0"	1451
* A28	1	5	STR.	18'-11"	20	* B6	46	6	STR.	20'-0"	1382
* A29	1	5	STR.	17'-0"	18						
* A30	1	5	STR.	15'-1"	16	K1	5	4	STR.	36'-6"	122
* A31	1	5	STR.	13'-3"	14	K2	6	4	STR.	7'-2"	29
* A32	1	5	STR.	11'-4"	12	K3	12	4	STR.	7'-8"	61
* A33	1	5	STR.	9'-6"	10	K4	24	4	STR.	8'-9"	140
* A34	1	5	STR.	7'-7"	8	K5	2	4	STR.	2'-1"	3
* A35	1	5	STR.	5'-8"	6	K6	2	4	STR.	2'-6"	3
* A36	1	5	STR.	3'-10"	4	K7	4	4	STR.	2'-10"	8
* A37	1	5	STR.	2'-0"	2	K8	2	4	STR.	2'-4"	3
A38	377	5	STR.	34'-11"	13730	K9	5	4	STR.	29'-9"	99
A39	1	5	STR.	2'-7"	3	K10	6	4	STR.	6'-2"	25
A40	1	5	STR.	4'-6"	5	K11	12	4	STR.	9'-1"	73
A41	1	5	STR.	6'-4"	7	K12	2	4	STR.	1'-9"	2
A42	1	5	STR.	8'-2"	9	K13	2	4	STR.	2'-2"	3
A43	1	5	STR.	10'-0"	10	K14	4	4	STR.	2'-6"	7
A44	1	5	STR.	11'-10"	12	K15	2	4	STR.	2'-0"	3
A45	1	5	STR.	13'-8"	14	K16	5	4	STR.	35'-10"	120
A46	1	5	STR.	15'-6"	16						
A47	1	5	STR.	17'-5"	18	S1	78	4	1	2'-9"	143
A48	1	5	STR.	19'-3"	20	* S2	50	4	2	10'-6"	351
A49	1	5	STR.	21'-1"	22	* S3	54	4	2	11'-11"	430
A50	1	5	STR.	22'-11"	24						
A51	1	5	STR.	24'-9"	26	U1	50	4	3	11'-3"	376
A52	1	5	STR.	26'-7"	28	U2	15	4	4	13'-10"	139
A53	1	5	STR.	28'-5"	30	U3	6	4	4	11'-10"	47

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

SUPERSTRUCTURE BILL OF MATERIAL

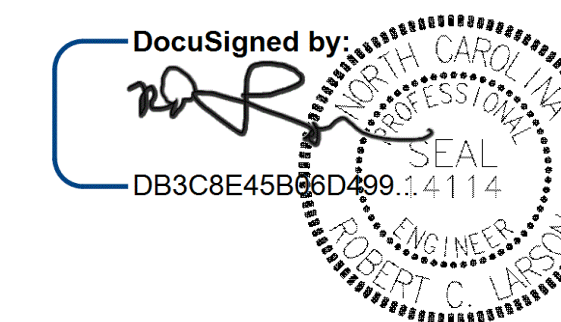
	CLASS AA CONCRETE (CU. YDS.)	REINFORCING STEEL (LBS.)	EPOXY COATED REINFORCING STEEL (LBS.)
POUR 1	96.2		
POUR 2	122.7		
POUR 3	56.0		
TOTALS**	274.9	24,983	24,922

** QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

GROOVING BRIDGE FLOORS

APPROACH SLABS	840	SQ.FT.
BRIDGE DECK	5750	SQ.FT.
TOTAL	6590	SQ.FT.

PROJECT NO. B-5671
EDGEcombe COUNTY
 STATION: 17+00.00 -L-



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

DESIGN ENGINEER OF RECORD: <u>[Signature]</u> DATE: 1/24/2020
ASSEMBLED BY: A. K. ALLANKAR DATE: 07/11/19
CHECKED BY: R. C. LARSON DATE: 09/06/19
DRAWN BY: JMB 5/87
CHECKED BY: SJD 9/87
REV. 10/1/11 MAA/GM
REV. 12/17 MAA/THC
REV. 06/19 BNB/THC

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

1/24/2020
 ENGINEERS PLANNERS & SCIENTISTS CONSTRUCTION MANAGERS LICENSE NUMBER: C-0784
KCI Associates
 of North Carolina, P.A.
 400 Park of House Road, Suite 400, Raleigh, NC 27609-0710 Phone: 919-783-9201

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-17
1			3			TOTAL SHEETS
2			4			29

STD. NO. BOM2