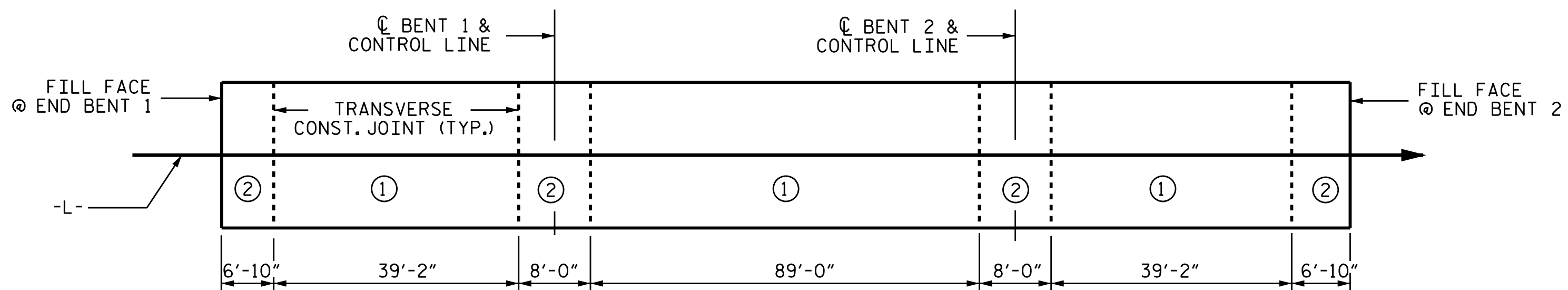


DECK POURING SEQUENCE

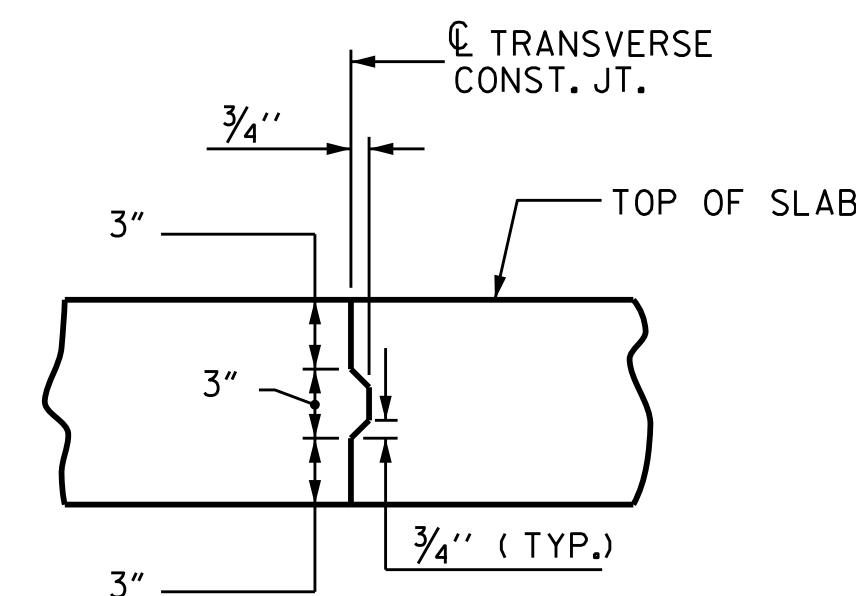
② → INDICATES POUR SEQUENCE AND DIRECTION



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.

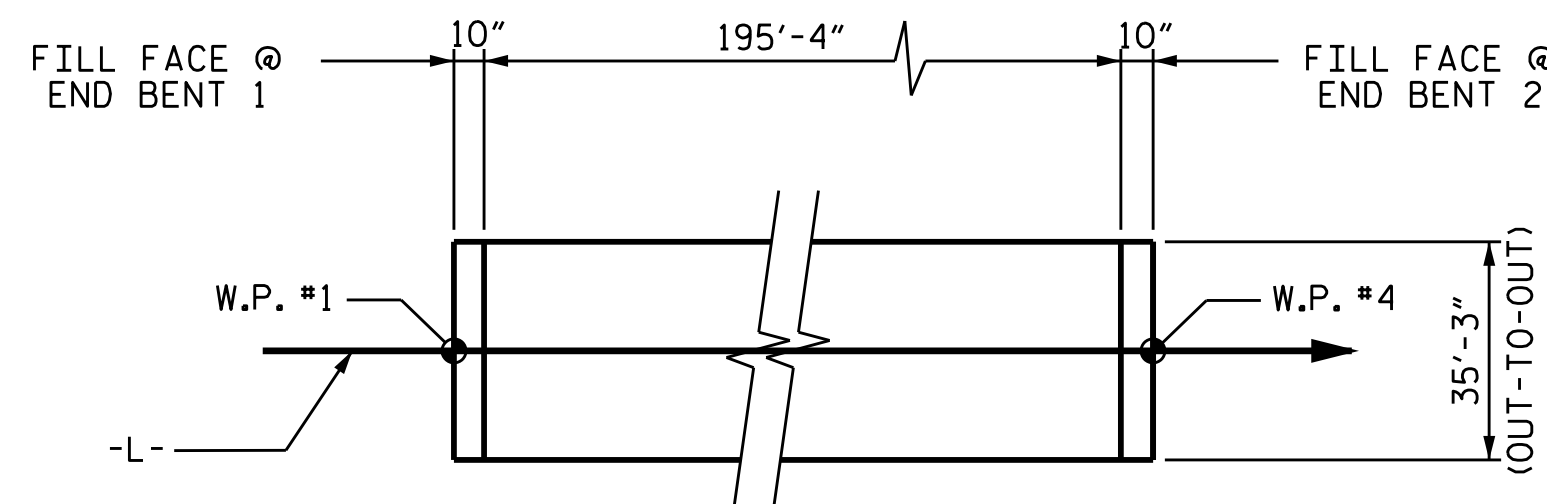


TRANSVERSE CONSTRUCTION JOINT IN DECK SLAB

NOTE: REINFORCING STEEL IN SLAB NOT SHOWN. LONGITUDINAL REINFORCING STEEL SHALL BE CONTINUOUS THRU JOINT

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"			



LAYOUT FOR COMPUTING AREA REINFORCED CONCRETE DECK SLAB (SQ. FT. = 6885)

BILL OF MATERIAL

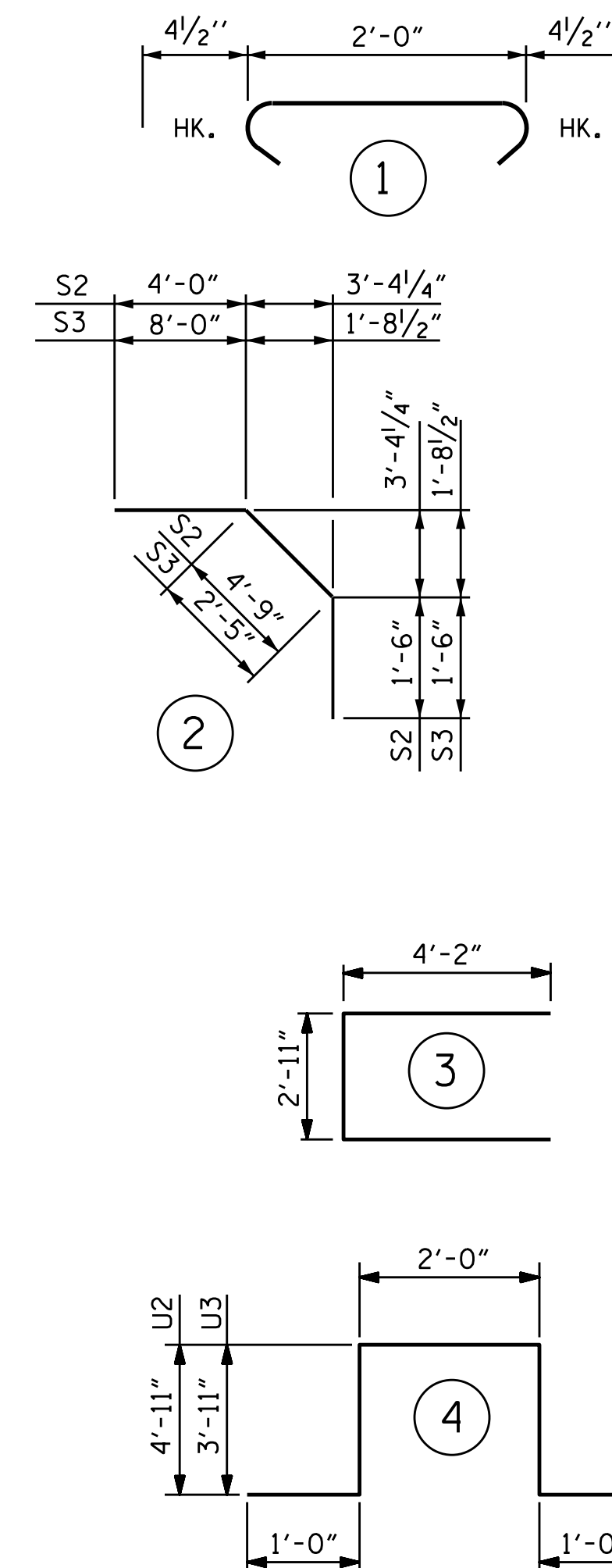
BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	390	5	STR.	34'-11"	14203
A2	390	5	STR.	34'-11"	14203
*B1	144	4	STR.	34'-2"	3287
B2	176	5	STR.	50'-5"	9255
*B3	46	6	STR.	22'-3"	1537
*B4	46	6	STR.	54'-3"	3748
*B5	46	6	STR.	11'-0"	760
*B6	46	6	STR.	10'-0"	691
K1	10	4	STR.	34'-11"	233
K2	6	4	STR.	7'-2"	29
K3	18	4	STR.	7'-8"	92
K4	36	4	STR.	8'-8"	208
K5	4	4	STR.	1'-8"	4
K6	4	4	STR.	2'-1"	6
K7	8	4	STR.	2'-5"	13
K8	4	4	STR.	1'-11"	5
K9	10	4	STR.	29'-4"	196
K10	12	4	STR.	6'-2"	49
K11	18	4	STR.	7'-11"	95
S1	180	4	1	2'-9"	331
*S2	52	4	2	10'-3"	356
*S3	56	4	2	11'-11"	446
U1	56	4	3	11'-3"	421
U2	36	4	4	13'-10"	333
U3	12	4	4	11'-10"	95

REINFORCING STEEL 25,568

EPOXY COATED REINFORCING STEEL 25,028

* EPOXY COATED REINFORCING STEEL

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.)
SPAN A-C			
POUR 1	42.1		
POUR 2	115.6		
POUR 3	72.3		
POUR 4	49.6		
TOTALS**	279.6	25,568	25,028

** QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

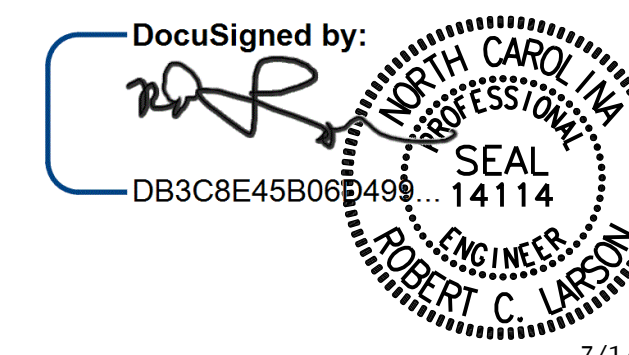
PROJECT NO. B-5703

CUMBERLAND/HARNETT COUNTY

STATION: 16+92.70 -L-

GROOVING BRIDGE FLOORS

APPROACH SLABS	1421	SO.FT.
BRIDGE DECK	5665	SO.FT.
TOTAL	7086	SO.FT.



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

ASSEMBLED BY :	DocuSigned by:	DATE :	7/1/2021
ASSEMBLED BY :	A. K. ALANKI	DATE :	03/26/19
CHECKED BY :	R. C. LARSON	DATE :	09/11/20
DRAWN BY :	JMB 5/87	REV. 5/1/06	TLA/GM
CHECKED BY :	SJD 9/87	REV. 10/1/11	MAA/GM
		REV. 12/17	MAA/THC

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

KCI Associates of North Carolina, P.A.
2025 Falls of Hudson Road, Suite 400, Raleigh, NC 27609-6270 Phone 199-185-1024

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

STD. NO. BOM2