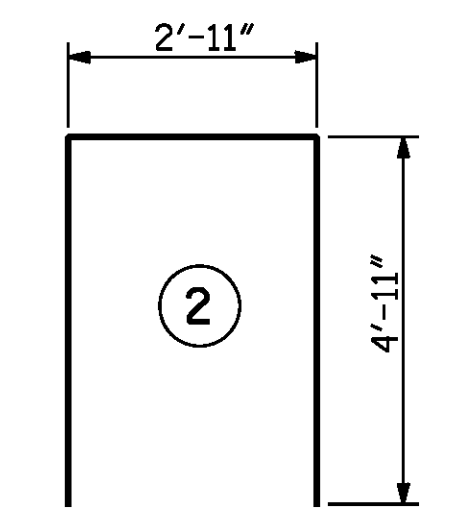
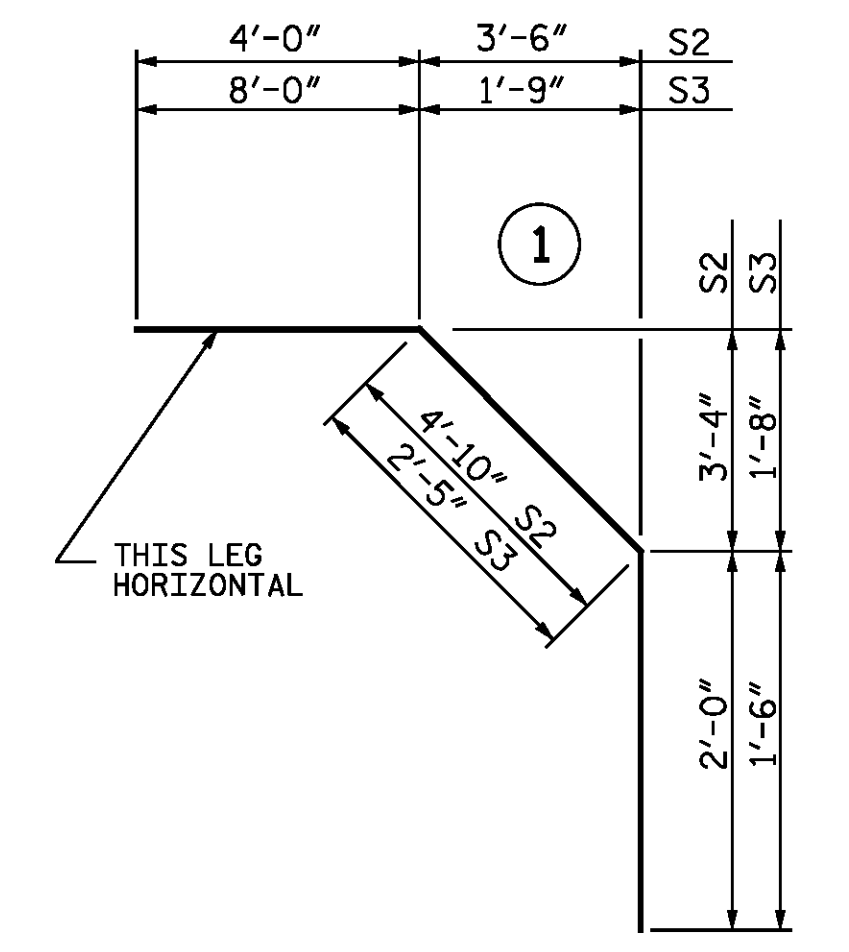


BILL OF MATERIAL											
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR NO.	SIZE	TYPE	LENGTH	WEIGHT		
A1	170	5	STR.	40'-11"	7255	A39	2	5	STR.	20'-5"	43
*A2	170	5	STR.	40'-11"	7255	A40	2	5	STR.	18'-10"	39
*A3	2	5	STR.	39'-7"	83	A41	2	5	STR.	17'-3"	36
*A4	2	5	STR.	38'-0"	79	A42	2	5	STR.	15'-8"	33
*A5	2	5	STR.	36'-5"	76	A43	2	5	STR.	14'-0"	29
*A6	2	5	STR.	34'-10"	73	A44	2	5	STR.	12'-5"	26
*A7	2	5	STR.	33'-3"	69	A45	2	5	STR.	10'-10"	23
*A8	2	5	STR.	31'-7"	66	A46	2	5	STR.	9'-3"	19
*A9	2	5	STR.	30'-0"	63	A47	2	5	STR.	7'-8"	16
*A10	2	5	STR.	28'-5"	59	A48	2	5	STR.	6'-0"	13
*A11	2	5	STR.	26'-10"	56	A49	2	5	STR.	4'-5"	9
*A12	2	5	STR.	25'-3"	53	A50	2	5	STR.	2'-10"	6
*A13	2	5	STR.	23'-7"	49						
*A14	2	5	STR.	22'-0"	46	*B1	56	4	STR.	27'-9"	1038
*A15	2	5	STR.	20'-5"	43	B2	106	5	STR.	45'-10"	5067
*A16	2	5	STR.	18'-10"	39	*B3	56	5	STR.	20'-0"	1168
*A17	2	5	STR.	17'-3"	36	*B4	54	6	STR.	19'-0"	1541
*A18	2	5	STR.	15'-8"	33	*B5	54	6	STR.	18'-0"	1460
*A19	2	5	STR.	14'-0"	29						
*A20	2	5	STR.	12'-5"	26	K1	20	4	STR.	25'-1"	335
*A21	2	5	STR.	10'-10"	23	K2	6	4	STR.	9'-4"	37
*A22	2	5	STR.	9'-3"	19	K3	18	4	STR.	10'-5"	125
*A23	2	5	STR.	7'-8"	16	K4	6	4	STR.	9'-10"	39
*A24	2	5	STR.	6'-0"	13	K5	4	4	STR.	2'-0"	5
*A25	2	5	STR.	4'-5"	9	K6	12	4	STR.	2'-9"	22
*A26	2	5	STR.	2'-10"	6	K7	4	4	STR.	2'-3"	6
A27	2	5	STR.	39'-7"	83						
A28	2	5	STR.	38'-0"	79	S1	62	4	2	12'-9"	528
A29	2	5	STR.	36'-5"	76	*S2	64	4	1	10'-10"	463
A30	2	5	STR.	34'-10"	73	*S3	68	4	1	11'-11"	541
A31	2	5	STR.	33'-3"	69						
A32	2	5	STR.	31'-7"	66						
A33	2	5	STR.	30'-0"	63						
A34	2	5	STR.	28'-5"	59						
A35	2	5	STR.	26'-10"	56						
A36	2	5	STR.	25'-3"	53						
A37	2	5	STR.	23'-7"	49						
A38	2	5	STR.	22'-0"	46						

\*EPOXY COATED REINFORCING STEEL

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

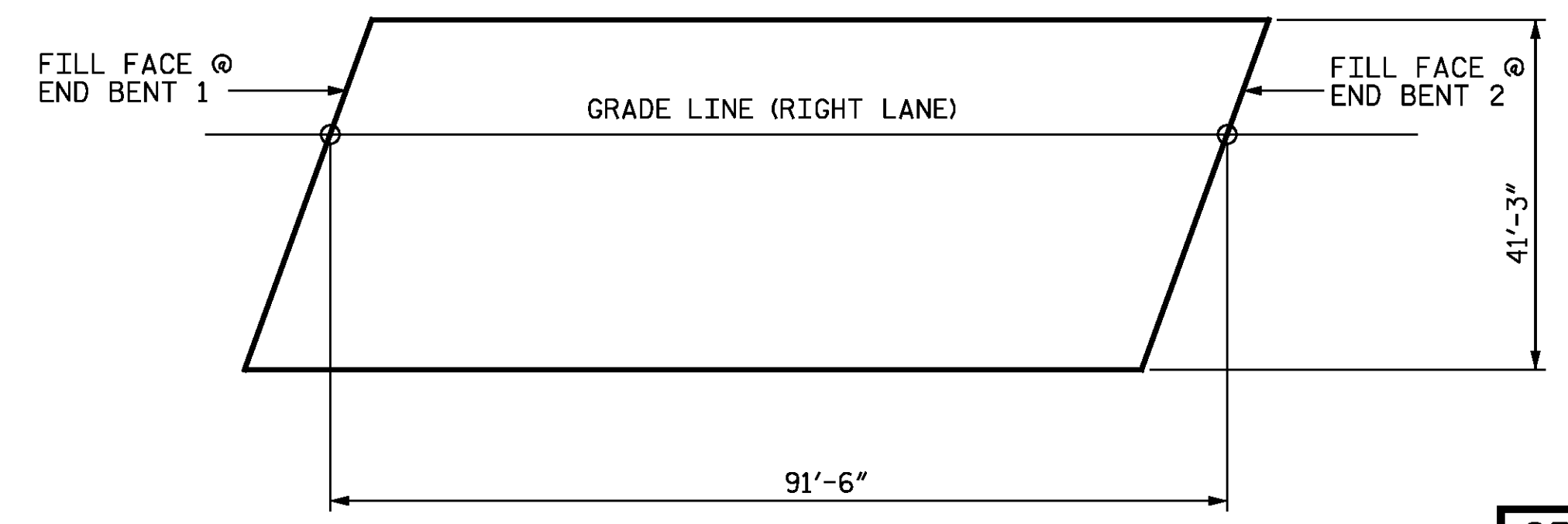
—SUPERSTRUCTURE BILL OF MATERIAL—

	CLASS AA CONCRETE ( CU. YDS. )	REINFORCING STEEL ( LBS. )	*EPOXY COATED REINFORCING STEEL ( LBS. )
SPAN "A"			
POUR 1	109.7		
POUR 2	75.1		
TOTALS**	184.8	14483	14530

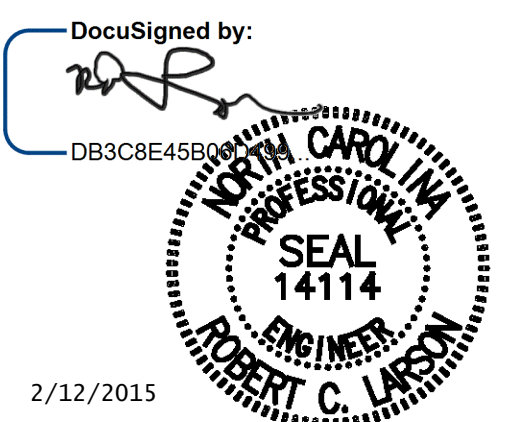
\*\*QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED  
† POUR 2 INCLUDES 6.2 CY EACH FOR UPPER PORTIONS OF WINGWALLS AT END BENTS 1 & 2.

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"			



GROOVING BRIDGE FLOORS		
APPROACH SLABS	1689	SQ.FT.
BRIDGE DECK	3130	SQ.FT.
TOTAL	4819	SQ.FT.



PROJECT NO. R-2514D  
JONES COUNTY  
STATION: 363+38.90 -L-

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

STANDARD  
SUPERSTRUCTURE  
BILL OF MATERIAL  
RIGHT LANE

STR-#4

LAYOUT FOR COMPUTING AREA REINFORCED CONCRETE DECK SLAB (SQ. FT. = 3,774)

DESIGN ENGINEER OF RECORD:	DATE :	2/12/2015
DRAWN BY : E. C. DECOLA	DATE :	02/14/14
CHECKED BY : R. C. LARSON	DATE :	02/18/14
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

KCI Associates of North Carolina, P.A.  
DWG. REF. NO. 14 OF 23

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

TOTAL SHEETS: S04-14  
S04-23