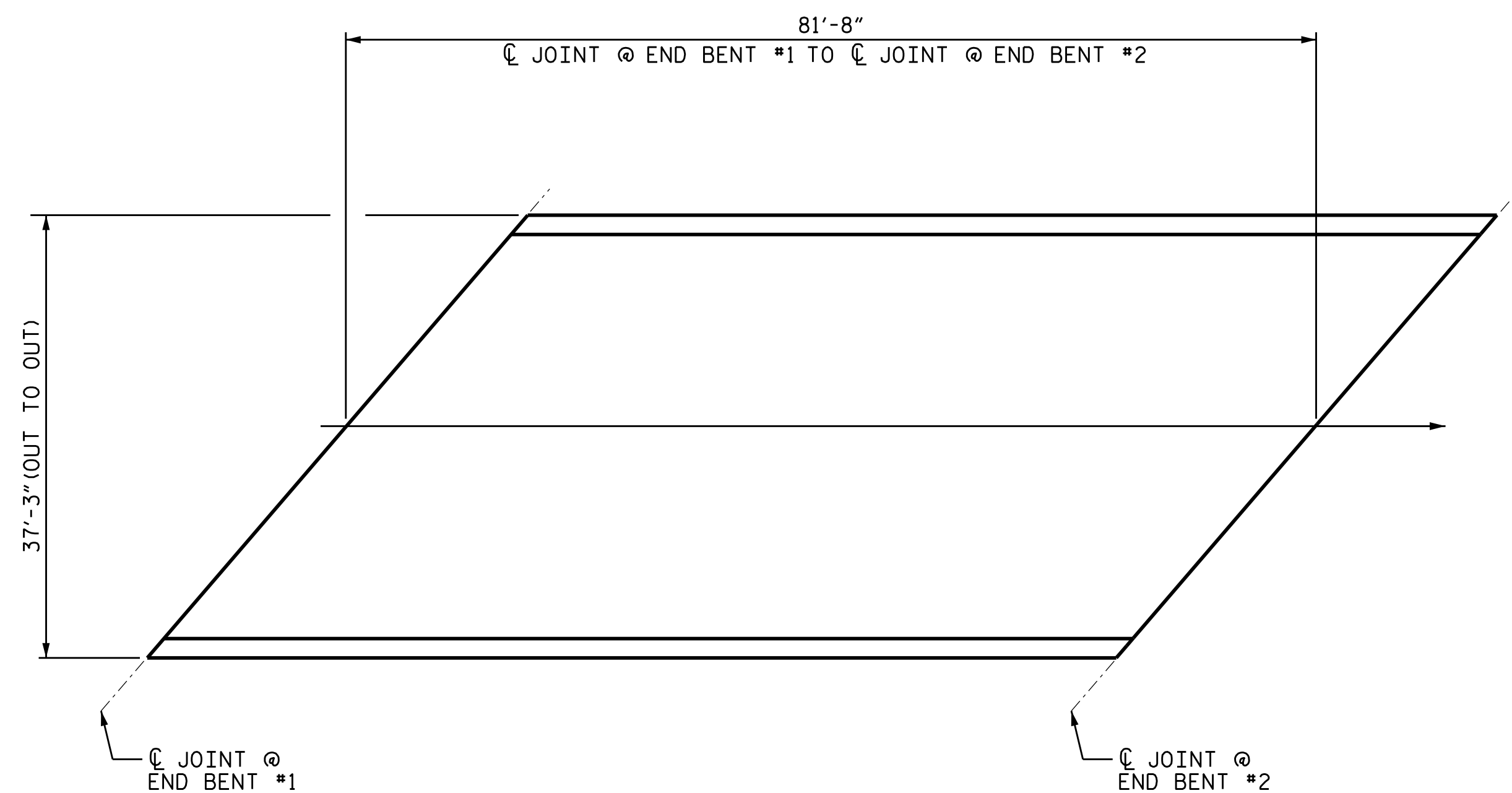


SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS

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. = 3,042)

BILL OF MATERIAL

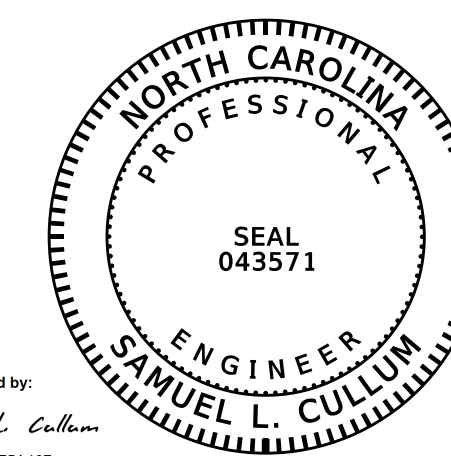
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	98	#5	STR	37'-0"	3,782	A205	4	#5	STR	31'-8"	66
A2	98	#5	STR	37'-0"	3,782	A206	4	#5	STR	30'-6"	64
* A3	6	#6	STR	7'-10"	71	A207	4	#5	STR	29'-4"	61
						A208	4	#5	STR	28'-2"	59
* A101	4	#5	STR	36'-4"	76	A209	4	#5	STR	27'-0"	56
* A102	4	#5	STR	35'-2"	73	A210	4	#5	STR	25'-10"	54
* A103	4	#5	STR	34'-0"	71	A211	4	#5	STR	24'-8"	51
* A104	4	#5	STR	32'-10"	68	A212	4	#5	STR	23'-6"	49
* A105	4	#5	STR	31'-8"	66	A213	4	#5	STR	22'-4"	47
* A106	4	#5	STR	30'-6"	64	A214	4	#5	STR	21'-2"	44
* A107	4	#5	STR	29'-4"	61	A215	4	#5	STR	20'-1"	42
* A108	4	#5	STR	28'-2"	59	A216	4	#5	STR	18'-11"	39
* A109	4	#5	STR	27'-0"	56	A217	4	#5	STR	17'-9"	37
* A110	4	#5	STR	25'-10"	54	A218	4	#5	STR	16'-7"	35
* A111	4	#5	STR	24'-8"	51	A219	4	#5	STR	15'-5"	32
* A112	4	#5	STR	23'-6"	49	A220	4	#5	STR	14'-3"	30
* A113	4	#5	STR	22'-4"	47	A221	4	#5	STR	13'-1"	27
* A114	4	#5	STR	21'-2"	44	A222	4	#5	STR	11'-11"	25
* A115	4	#5	STR	20'-1"	42	A223	4	#5	STR	10'-9"	22
* A116	4	#5	STR	18'-11"	39	A224	4	#5	STR	9'-7"	20
* A117	4	#5	STR	17'-9"	37	A225	4	#5	STR	8'-5"	18
* A118	4	#5	STR	16'-7"	35	A226	4	#5	STR	7'-3"	15
* A119	4	#5	STR	15'-5"	32	A227	4	#5	STR	6'-1"	13
* A120	4	#5	STR	14'-3"	30	A228	4	#5	STR	4'-11"	10
* A121	4	#5	STR	13'-1"	27	A229	4	#5	STR	3'-9"	8
* A122	4	#5	STR	11'-11"	25	A230	4	#5	STR	2'-7"	5
* A123	4	#5	STR	10'-9"	22						
* A124	4	#5	STR	9'-7"	20	B1	75	#4	STR	28'-5"	1,424
* A125	4	#5	STR	8'-5"	18	B2	104	#5	STR	41'-9"	4,529
* A126	4	#5	STR	7'-3"	15						
* A127	4	#5	STR	6'-1"	13	* K1	8	#8	1	14'-11"	119
* A128	4	#5	STR	4'-11"	10	* K2	12	#8	2	21'-3"	255
* A129	4	#5	STR	3'-9"	8	K3	24	#6	STR	7'-10"	188
* A130	4	#5	STR	2'-7"	5	* S1	64	#4	4	5'-0"	320
						S2	64	#5	3	5'-0"	320
A201	4	#5	STR	36'-4"	76						
A202	4	#5	STR	35'-2"	73	* J1	88	#4	STR	1'-5"	83
A203	4	#5	STR	34'-0"	71	G	2	#5	5	48'-9"	102
A204	4	#5	STR	32'-10"	68						

* EPOXY COATED REINFORCING STEEL

GROOVING BRIDGE FLOORS	
APPROACH SLABS	1,700 SQ.FT.
BRIDGE DECK	2,773 SQ.FT.
TOTAL	4,473 SQ.FT.

** QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

PROJECT NO. U-4405
CUMBERLAND COUNTY
 STATION: 26+78.00 -RPB-



6/6/2018 12:30:46 PM PDT

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
STANDARD SUPERSTRUCTURE BILL OF MATERIAL					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO.	S-16
TOTAL SHEETS	26

KCA KISINGER CAMPO & ASSOCIATES	4800 SIX FORKS ROAD SUITE 120 RALEIGH, NC 27609 (919) 882-7839
ASSEMBLED BY : S. BOYD CHECKED BY : L. MARTINEZ	DATE : 05-17 DATE : 05-17
DRAWN BY : JMB 5/87 CHECKED BY : SJD 9/87	REV. 8/16/99 RWW/LES REV. 5/1/06 TLA/GM REV. 10/1/11 MAA/GM