

SUPERSTRUCTURE BILL OF MATERIAL			
	CLASS AA CONCRETE	REINFORCING STEEL	EPOXY COATED REINFORCING STEEL
	(cu. meters )	( kg. )	( kg. )
SPAN "A"	139.6	7,930	7,060
ENDWALL	89.5	2,416	520
TOTALS **	229.1	10,346	7,580

\*\* QUANTITIES FOR CONCRETE BARRIER RAIL ARE NOT INCLUDED.

ENDWALL BILL OF MATERIAL			
	CLASS AA CONCRETE	REINFORCING STEEL	EPOXY COATED REINFORCING STEEL
	(cu. meters )	( kg. )	( kg. )
END BENT NO. 1	47.5	1,208	260
END BENT NO. 2	42.0	1,208	260
TOTALS ***	89.5	2,416	520

\*\*\* ENDWALL QUANTITIES DO NOT INCLUDE REINFORCING STEEL FOR THE UPPER PORTIONS OF THE WINGWALLS. SEE END BENT QUANTITIES FOR WING WALL REINFORCING STEEL.

⊗ ENDWALL CONCRETE QUANTITIES INCLUDE THE UPPER PORTIONS OF THE WINGWALLS.

GROOVING BRIDGE FLOORS			
APPROACH SLAB	289.0	SQ. METERS	
BRIDGE DECK	436.7	SQ. METERS	
TOTAL	725.7	SQ. METERS	

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	
#13	610	540	610	540	840
#16	770	660	770	660	1050
#19	920	790	1190	790	1330
#22	1580	1060			
#25	2080	1390			

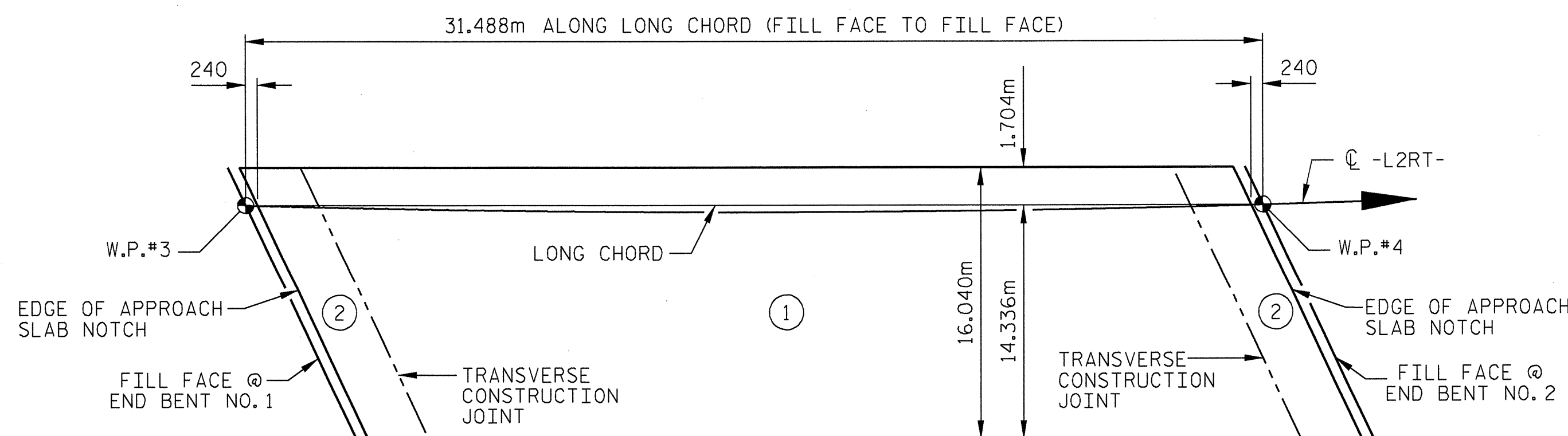
REINFORCED CONCRETE DECK CLASS AA CONCRETE POUR BREAKDOWN	
POUR #1	122.3 CU. M.
POUR #2	17.3 CU. M.
TOTALS	139.6 CU. M.

⊙ SEE ENDWALL SHEETS FOR LIMITS OF REINFORCED CONCRETE DECK.

REINFORCING BAR SCHEDULE

SPAN "A"						ENDWALL AT END BENT 1					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1E	174	16	STR	15940	4305	H1	18	19	STR	9980	401
A2	174	16	STR	15940	4305	H2	20	19	STR	3200	143
A101E	4	16	STR	15100	94	H3	4	19	STR	2700	24
A102E	4	16	STR	14120	88	H4	8	19	STR	2700	48
A103E	4	16	STR	13140	82	H5	10	19	STR	2180	49
A104E	4	16	STR	12160	75	H6	2	19	STR	1600	7
A105E	4	16	STR	11180	69	H7	2	19	STR	1600	7
A106E	4	16	STR	10180	63	H8	14	19	STR	1960	61
A107E	4	16	STR	9200	57						
A108E	4	16	STR	8220	51						
A109E	4	16	STR	7240	45						
A110E	4	16	STR	6260	39						
A111E	4	16	STR	5260	33	L1E	46	16	3	2080	148
A112E	4	16	STR	4280	27	S1	54	19	2	3880	468
A113E	4	16	STR	3300	20						
A114E	4	16	STR	2320	14						
A115E	4	16	STR	1340	8						
A116E	4	16	STR	2100	13						
A201	4	16	STR	15100	94	UIE	46	13	2	2460	112
A202	4	16	STR	14120	88						
A203	4	16	STR	13140	82						
A204	4	16	STR	12160	75						
A205	4	16	STR	11180	69						
A206	4	16	STR	10180	63						
A207	4	16	STR	9200	57						
A208	4	16	STR	8220	51						
A209	4	16	STR	7240	45						
A210	4	16	STR	6260	39						
A211	4	16	STR	5260	33						
A212	4	16	STR	4280	27						
A213	4	16	STR	3300	20						
A214	4	16	STR	2320	14						
A215	4	16	STR	1340	8						
A216	4	16	STR	2100	13						
B1E	72	16	STR	15840	1770						
B2	104	16	STR	15800	2550						
G1E	8	16	STR	16660	207						
K1	32	16	STR	3080	153						
K2	8	16	4	2980	37						
S3	36	13	1	2980	107						
REINFORCING STEEL						REINFORCING STEEL					
						1,208 kg					
EPOXY COATED REINFORCING STEEL						EPOXY COATED REINFORCING STEEL					
						260 kg					
REINFORCING STEEL						REINFORCING STEEL					
						1,208 kg					
EPOXY COATED REINFORCING STEEL						EPOXY COATED REINFORCING STEEL					
						260 kg					

"E" DENOTES EPOXY COATED REINFORCING STEEL.

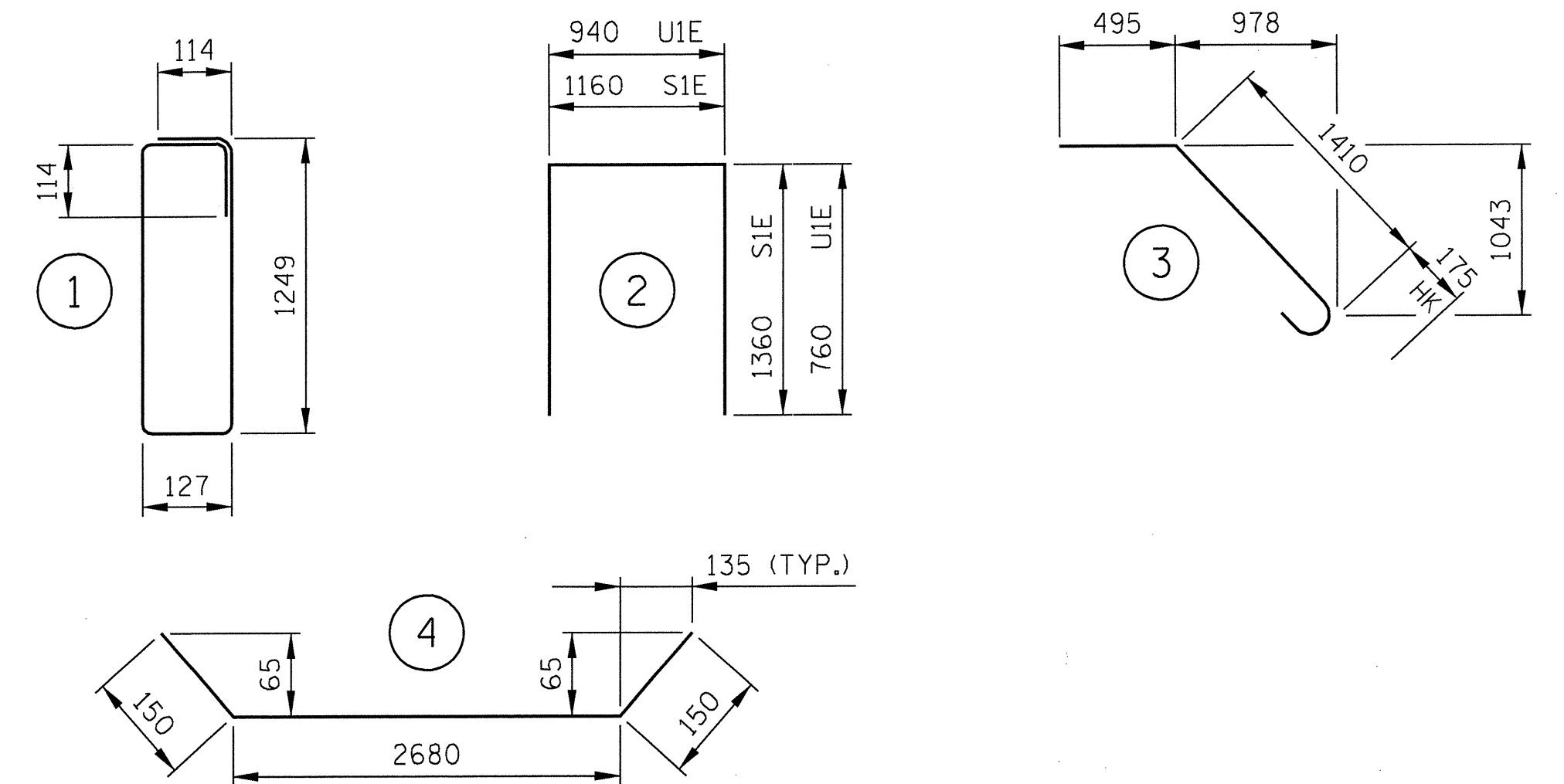


⊙ INDICATES POUR NUMBER

LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB

(497.4 SQ. METERS)

BAR TYPES



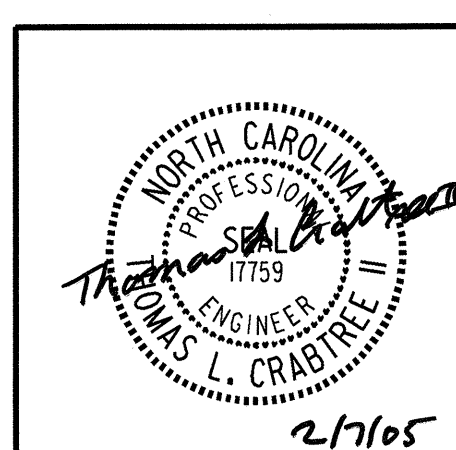
ALL BAR DIMENSIONS ARE OUT TO OUT.



PROJECT NO. R-2552C  
JOHNSTON COUNTY  
STATION: 122+14.832 -L2RT-

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

SUPERSTRUCTURE  
BILL OF MATERIAL  
(RIGHT BRIDGE)



REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS	
1			3			5-348	
2			4			431	

R.N. RTB1-15

DRAWN BY: LOFTON DATE: 11/04  
CHECKED BY: CJW DATE: 12/04  
APPROVED BY: DATE: