

REINFORCING BAR SCHEDULE

SPANS A, B & C

EPOXY COATED						NON-EPOXY COATED					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
AE1	577	16	STR	9460	8471	A1	577	16	STR	9460	8471
AE100	2	16	STR	9140	28	A100	2	16	STR	9140	28
AE101	2	16	STR	8720	27	A101	2	16	STR	8720	27
AE102	2	16	STR	8320	26	A102	2	16	STR	8320	26
AE103	2	16	STR	7920	25	A103	2	16	STR	7920	25
AE104	2	16	STR	7500	23	A104	2	16	STR	7500	23
AE105	2	16	STR	7100	22	A105	2	16	STR	7100	22
AE106	2	16	STR	6700	21	A106	2	16	STR	6700	21
AE107	2	16	STR	6280	19	A107	2	16	STR	6280	19
AE108	2	16	STR	5880	18	A108	2	16	STR	5880	18
AE109	2	16	STR	5480	17	A109	2	16	STR	5480	17
AE110	2	16	STR	5080	16	A110	2	16	STR	5080	16
AE111	2	16	STR	4660	14	A111	2	16	STR	4660	14
AE112	2	16	STR	4260	13	A112	2	16	STR	4260	13
AE113	2	16	STR	3820	12	A113	2	16	STR	3820	12
AE114	2	16	STR	3420	11	A114	2	16	STR	3420	11
AE115	2	16	STR	3020	9	A115	2	16	STR	3020	9
AE116	2	16	STR	2600	8	A116	2	16	STR	2600	8
AE117	2	16	STR	2200	7	A117	2	16	STR	2200	7
AE118	2	16	STR	1800	6	A118	2	16	STR	1800	6
AE119	6	16	STR	1380	13	A119	6	16	STR	1380	13
BE1	104	13	STR	8180	846	B1	259	16	STR	16000	6432
BE2	141	19	STR	15880	5004						
BE3	104	13	STR	8600	889	K1	18	16	STR	2300	64
GE1	2	16	STR	10360	32						
KE1	12	16	2	2460	46						
KE2	12	16	1	2320	43						
SE1	42	13	3	1420	59						

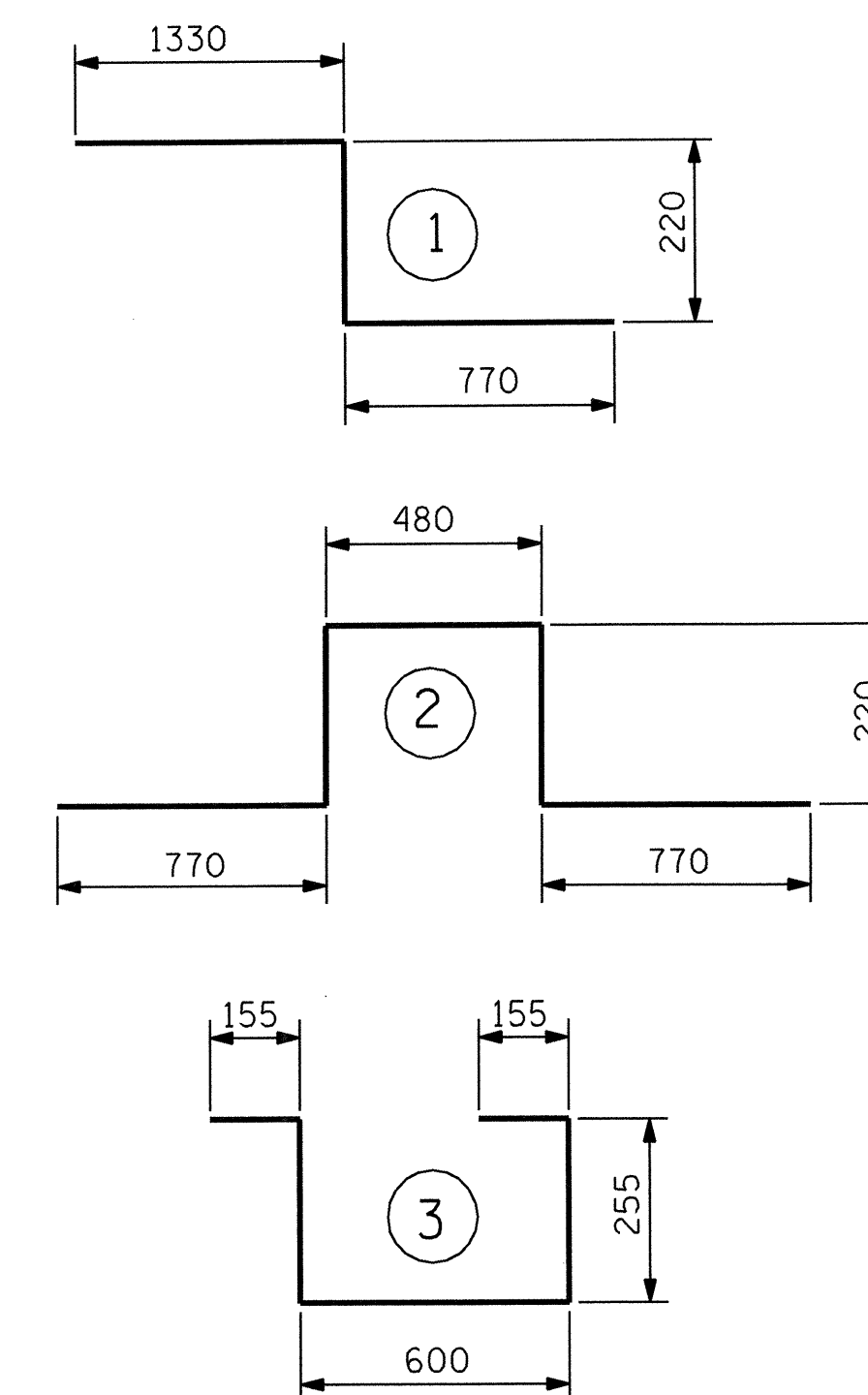
SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS

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			

GROOVING BRIDGE FLOORS

APPROACH SLABS	147.9	SQ.METER
BRIDGE DECK	829.0	SQ.METER
TOTAL	976.9	SQ.METER

BAR TYPES

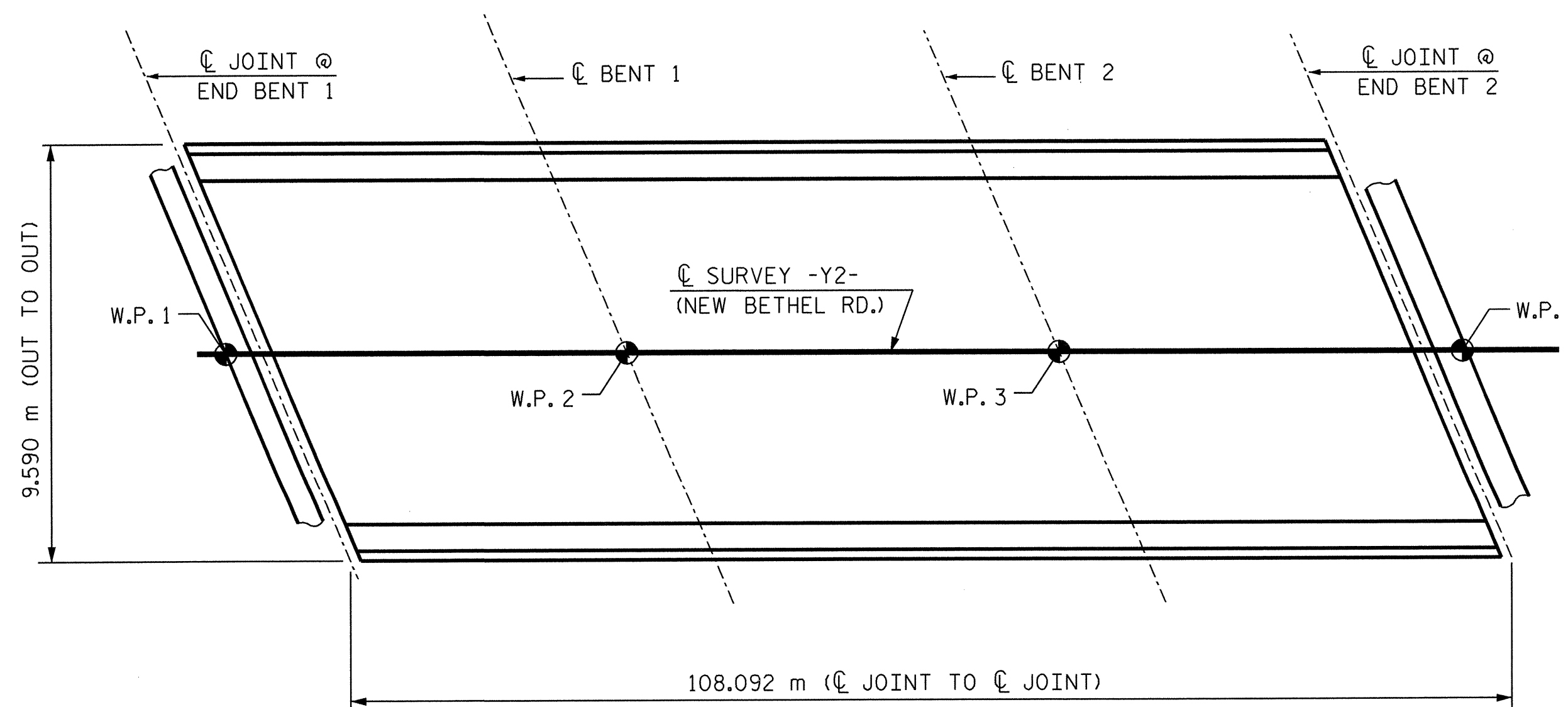


ALL BAR DIMENSIONS ARE OUT TO OUT

SUPERSTRUCTURE BILL OF MATERIAL

	CLASS AA CONCRETE	REINFORCING STEEL	EPOXY COATED REINFORCING STEEL
	(CU.METER)	(kg)	(kg)
SPANS A, B & C		15,302	15,725
POUR 1	67.3		
POUR 2	55.1		
POUR 3	136.5		
TOTALS **	258.9	15,302	15,725

** QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED



LAYOUT FOR COMPUTING AREA
OF REINFORCED CONCRETE DECK SLAB
(SQ. METER = 1,036.6)

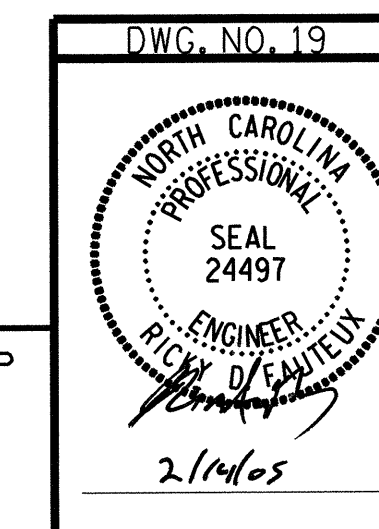
PROJECT NO. R-2552AA
WAKE / JOHNSTON COUNTY
STATION: 19+25.877 - I1Y1- P.O.T.

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE
BILL OF MATERIAL

JANUARY 2005

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



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ASSEMBLED BY :	B. PARRISH	DATE :	01/05
CHECKED BY :	R. D. FAUTEUX	DATE :	01/05
DRAWN BY :	JMB 5/87	REV. 5/16/97	EEM/RGW
CHECKED BY :	SJD 9/87		