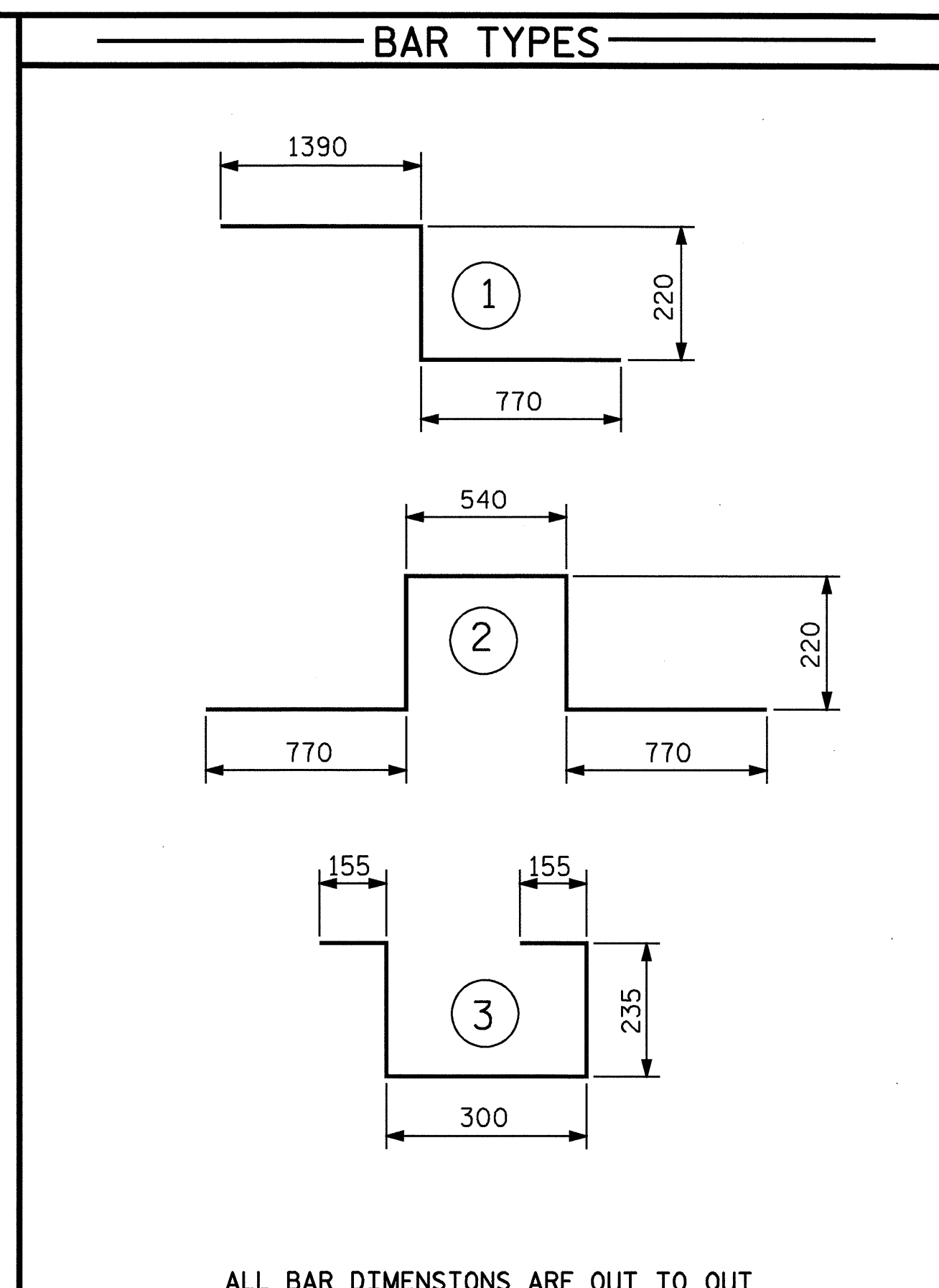


SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS

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			

BILL OF MATERIAL					
SPAN A					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	207	#16	STR	11680	3752
A2	207	#16	STR	11680	3752
* A101	2	#16	STR	10960	34
* A102	2	#16	STR	9900	31
* A103	2	#16	STR	8860	28
* A104	2	#16	STR	7800	24
* A105	2	#16	STR	6740	21
* A106	2	#16	STR	5700	18
* A107	2	#16	STR	4640	14
* A108	2	#16	STR	3600	11
* A109	2	#16	STR	2540	8
* A110	2	#16	STR	1480	5
A201	2	#16	STR	10960	34
A202	2	#16	STR	9900	31
A203	2	#16	STR	8860	28
A204	2	#16	STR	7800	24
A205	2	#16	STR	6740	21
A206	2	#16	STR	5700	18
A207	2	#16	STR	4640	14
A208	2	#16	STR	3600	11
A209	2	#16	STR	2540	8
A210	2	#16	STR	1480	5
* B1	135	#13	STR	8340	1119
B2	120	#16	STR	13520	2518
* G1	2	#16	STR	11860	37
* K1	8	#16	1	2380	30
* K2	12	#16	2	2520	47
* K3	16	#16	STR	2300	57
* S1	56	#13	3	1080	60
* EPOXY COATED REINF. STEEL = 5296 kg					
REINFORCING STEEL = 6464 kg					

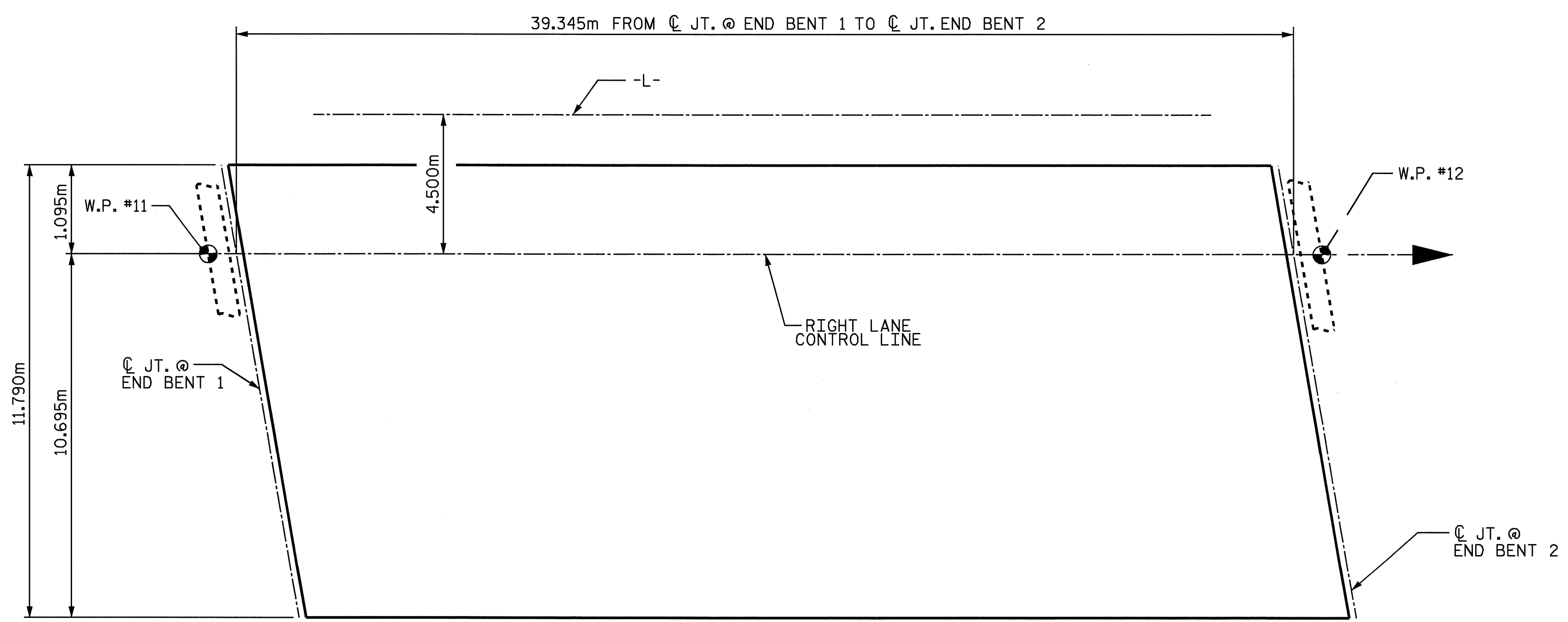
* THESE BARS ARE EPOXY COATED.



ALL BAR DIMENSIONS ARE OUT TO OUT

SUPERSTRUCTURE BILL OF MATERIAL			
	CLASS AA CONCRETE (CU.METER)	REINFORCING STEEL (kg)	EPOXY COATED REINFORCING STEEL (kg)
SPAN "A"	114.5	6464	5296
TOTALS**	114.5	6464	5296

** QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED



LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB (SQ. METER = 463.9)

GROOVING BRIDGE FLOORS	
BRIDGE DECK	384.4 SQ.METERS

PROJECT NO. R-2911A
IREDELL COUNTY
 STATION: 41+59.472 -L-

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
STANDARD SUPERSTRUCTURE BILL OF MATERIAL
 (RIGHT LANE)



ASSEMBLED BY : M.K. BEARD	DATE : 01/23/04
CHECKED BY : K.D. LAYNE	DATE : 02/05/04
DRAWN BY : JMB 5/87	REV. 5/16/97 EEM/RGW
CHECKED BY : SJD 9/87	

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