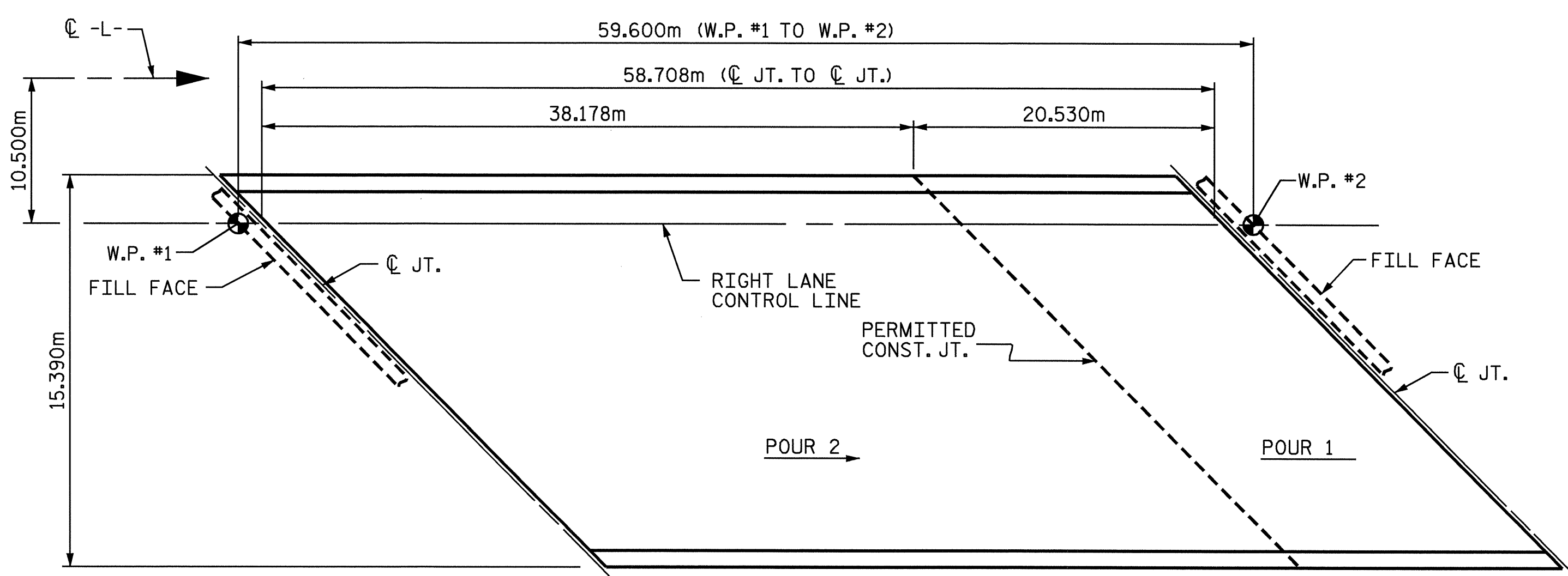
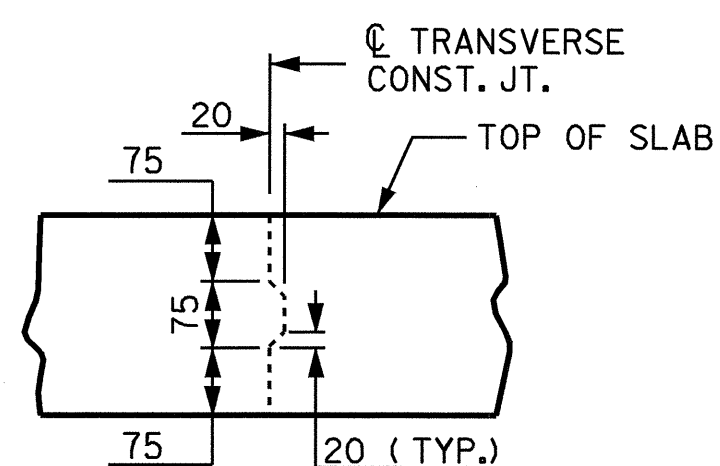


LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB (SQ. METER = 900.6)



PERMITTED DECK POURING SEQUENCE

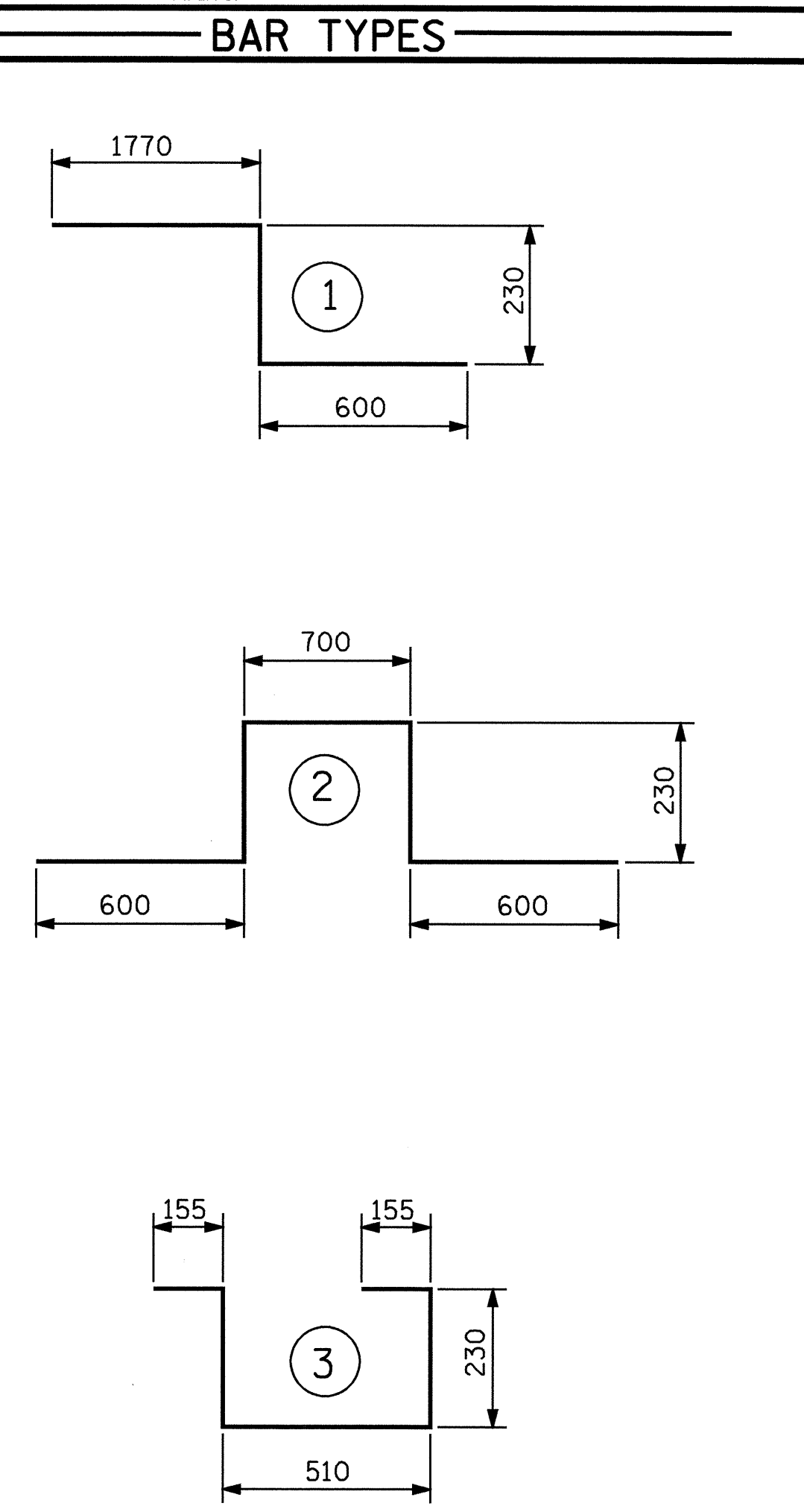


PERMITTED CONSTRUCTION JOINT DETAIL

NOTE: REINFORCING STEEL IN SLAB NOT SHOWN. LONGITUDINAL REINFORCING STEEL SHALL BE CONTINUOUS THRU JOINT.

BILL OF MATERIAL					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	291	16	STR	15240	6883
A2	291	16	STR	15240	6883
* A3	6	19	STR	6420	86
* A101	8	16	STR	14640	182
* A102	8	16	STR	14040	174
* A103	8	16	STR	13420	166
* A104	8	16	STR	12820	160
* A105	8	16	STR	12200	152
* A106	8	16	STR	11600	144
* A107	8	16	STR	10980	136
* A108	8	16	STR	10380	128
* A109	8	16	STR	9760	122
* A110	8	16	STR	9160	114
* A111	8	16	STR	8540	106
* A112	8	16	STR	7940	98
* A113	8	16	STR	7320	90
* A114	8	16	STR	6720	84
* A115	8	16	STR	6100	76
* A116	8	16	STR	5500	68
* A117	8	16	STR	4880	60
* A118	8	16	STR	4280	54
* A119	8	16	STR	3660	46
* A120	8	16	STR	3060	38
* A121	8	16	STR	2440	30
* A122	8	16	STR	1840	22
* A123	8	16	STR	1220	16
* A124	8	16	STR	620	8
A201	8	16	STR	14640	182
A202	8	16	STR	14040	174
A203	8	16	STR	13420	166
A204	8	16	STR	12820	160
A205	8	16	STR	12200	152
A206	8	16	STR	11600	144
A207	8	16	STR	10980	136
A208	8	16	STR	10380	128
A209	8	16	STR	9760	122
A210	8	16	STR	9160	114
A211	8	16	STR	8540	106
A212	8	16	STR	7940	98
A213	8	16	STR	7320	90
A214	8	16	STR	6720	84
A215	8	16	STR	6100	76
A216	8	16	STR	5500	68
A217	8	16	STR	4880	60
A218	8	16	STR	4280	54
A219	8	16	STR	3660	46
A220	8	16	STR	3060	38
A221	8	16	STR	2440	30
A222	8	16	STR	1840	22
A223	8	16	STR	1220	16
A224	8	16	STR	620	8
* B1	238	13	STR	9000	2129
B2	256	16	STR	15140	6015
* G1	4	16	STR	11040	69
* K1	12	16	1	2600	48
* K2	18	16	2	2360	66
K3	24	13	STR	3360	80
* S1	96	13	3	1280	122

GROOVING BRIDGE FLOORS	
APPROACH SLABS	248.8 SQ.METER
BRIDGE DECK	789.3 SQ.METER
TOTAL	1038.1 SQ.METER



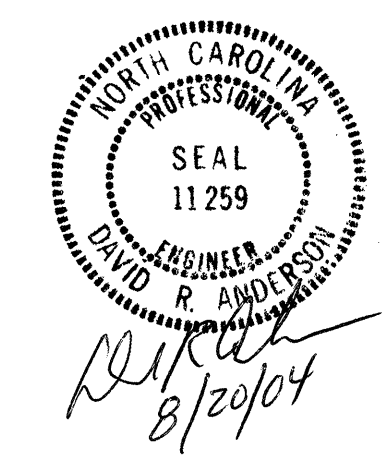
ALL BAR DIMENSIONS ARE OUT TO OUT

SUPERSTRUCTURE BILL OF MATERIAL			
	CLASS AA CONCRETE	REINFORCING STEEL	EPOXY COATED REINFORCING STEEL
	(CU.METER)	(kg)	(kg)
SPAN "A"	234.7	15252	11677
TOTALS**	234.7	15252	11677

** QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

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			



PROJECT NO. R-513BA
ROBESON COUNTY
STATION: 113+73.429 -L-

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

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

TOTAL SHEETS 172

ASSEMBLED BY : T.A. WALTER DATE : 9/24/02
CHECKED BY : B. BARODAWALA DATE : 4/11/03
DRAWN BY : JMB 5/87 REV. 5/16/97 EEM/RGW
CHECKED BY : SJD 9/87