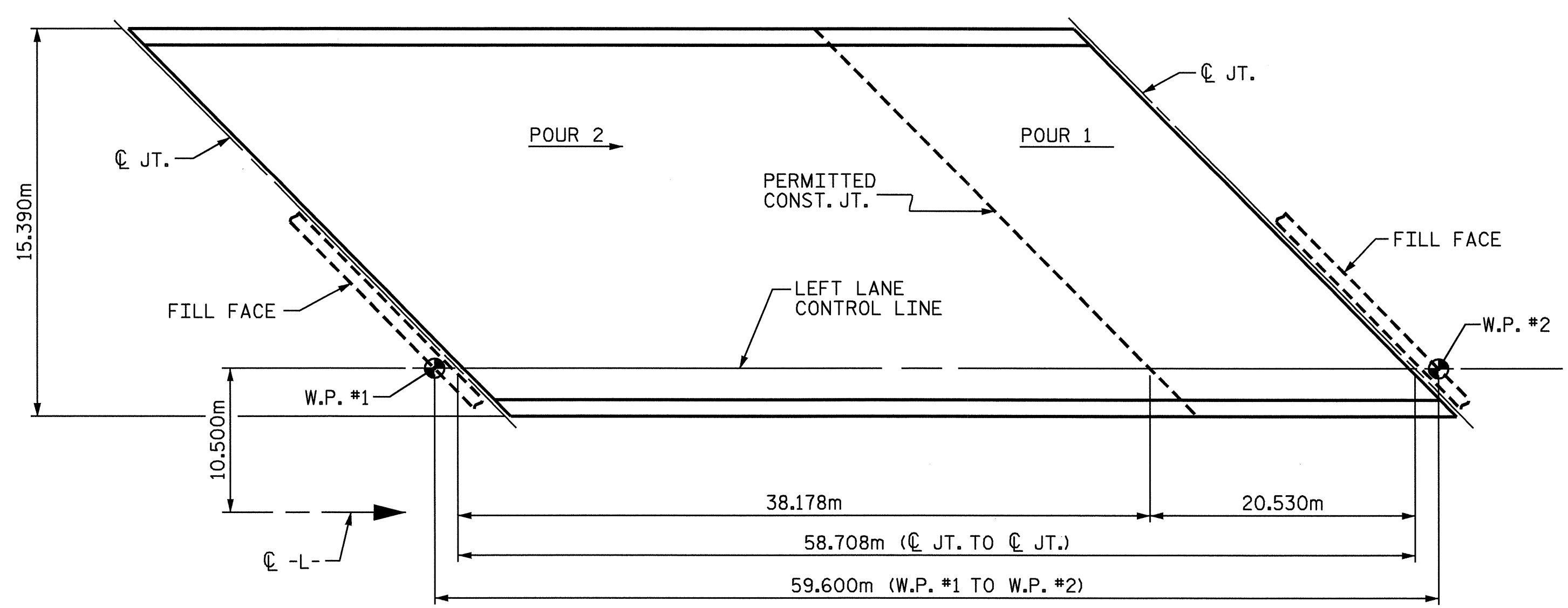
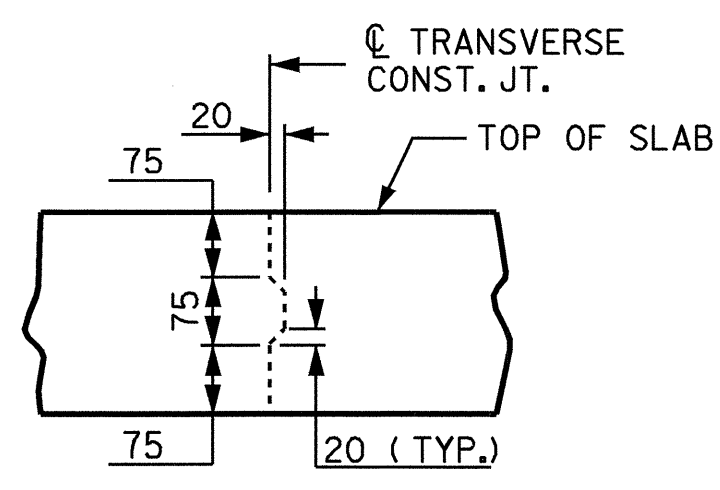


LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB (SQ. METER = 900.6)



PERMITTED DECK POURING SEQUENCE

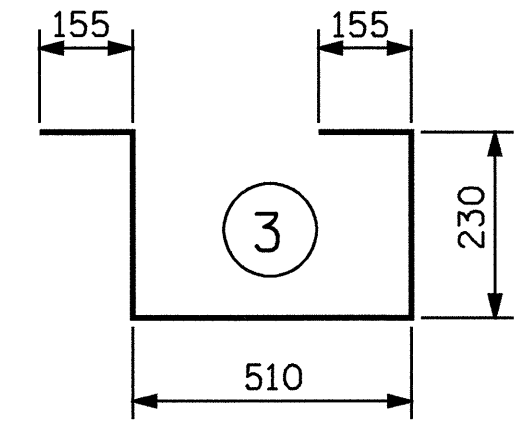
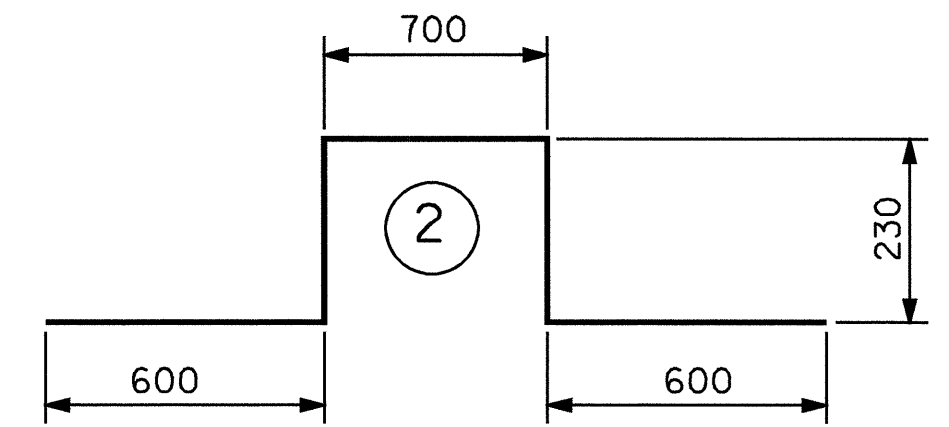
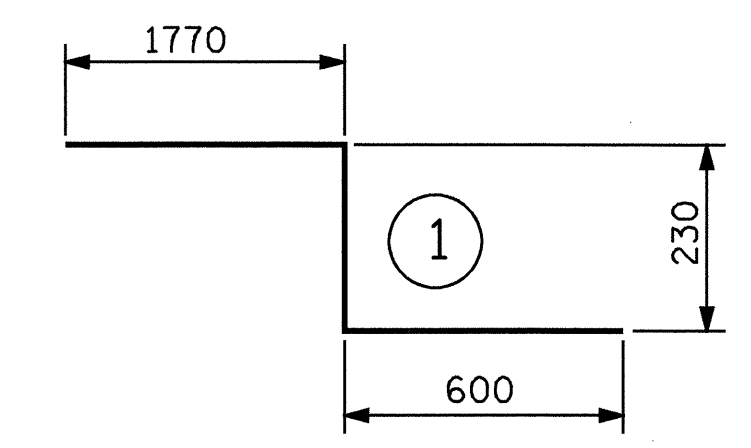


PERMITTED CONSTRUCTION JOINT DETAIL
NOTE: REINFORCING STEEL IN SLAB NOT SHOWN. LONGITUDINAL REINFORCING STEEL SHALL BE CONTINUOUS THRU JOINT.

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	

* EPOXY COATED REINFORCING STEEL

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

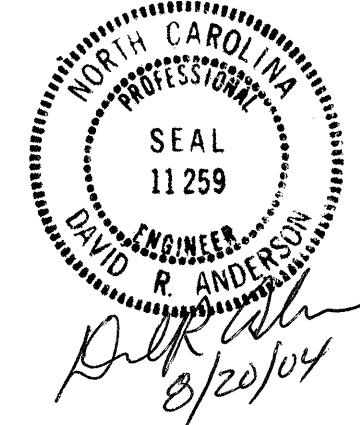


ALL BAR DIMENSIONS ARE OUT TO OUT

SUPERSTRUCTURE BILL OF MATERIAL			
	CLASS AA CONCRETE (CU.METER)	REINFORCING STEEL (kg)	EPOXY COATED REINFORCING STEEL (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

ASSEMBLED BY : T.A. WALTER	DATE : 9/24/02
CHECKED BY : B. BARODAWALA	DATE : 4/1/03
DRAWN BY : JMB 5/87	REV. 5/16/97 EEM/RGW
CHECKED BY : SJD 9/87	

REVISIONS						TOTAL SHEETS
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			5-82
2			4			172