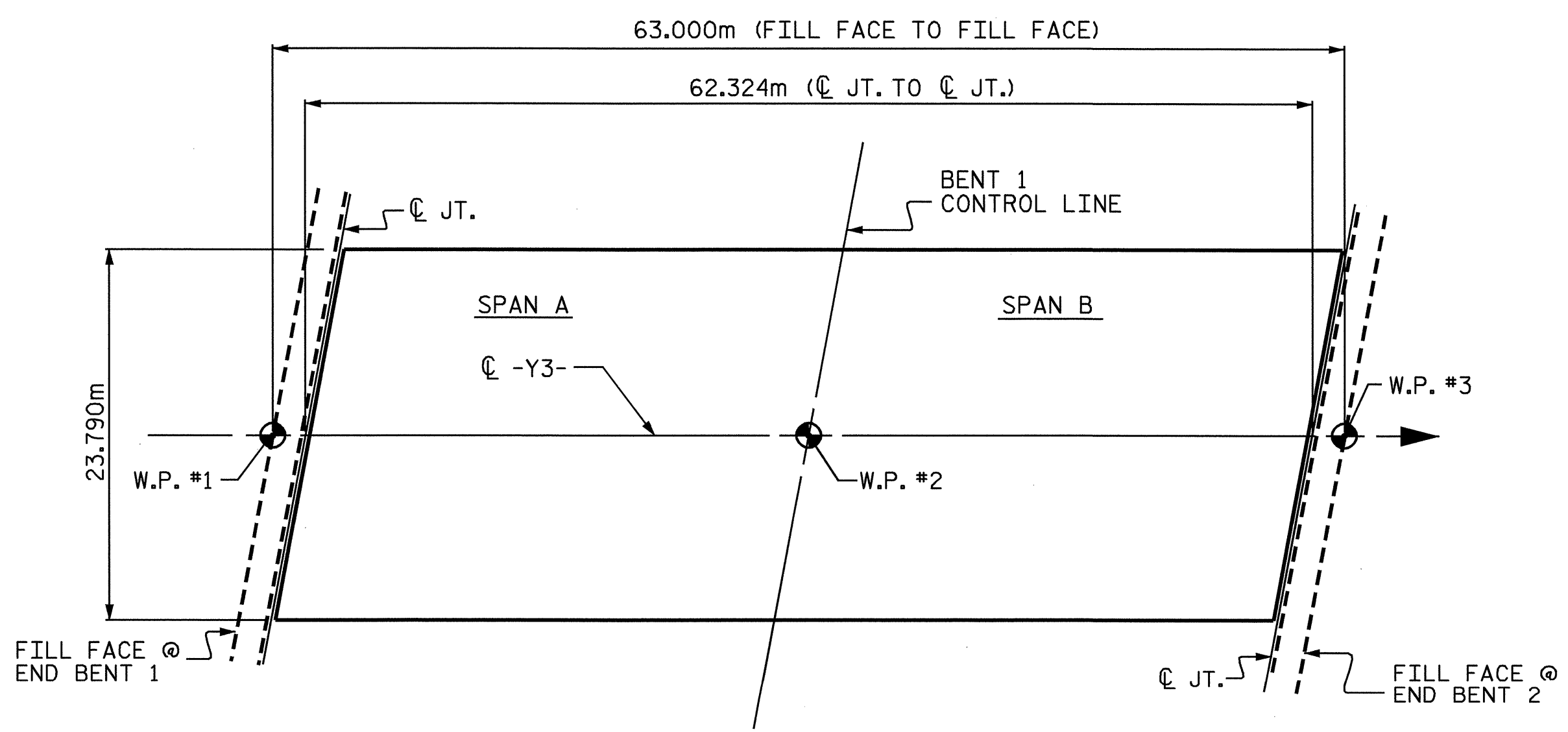


POURING SEQUENCE

CONCRETE QUANTITY BREAKDOWN			
POUR 1	POUR 2	POUR 3	TOTAL
125.4 C.M.	125.4 C.M.	179.3 C.M.	430.1 C.M.

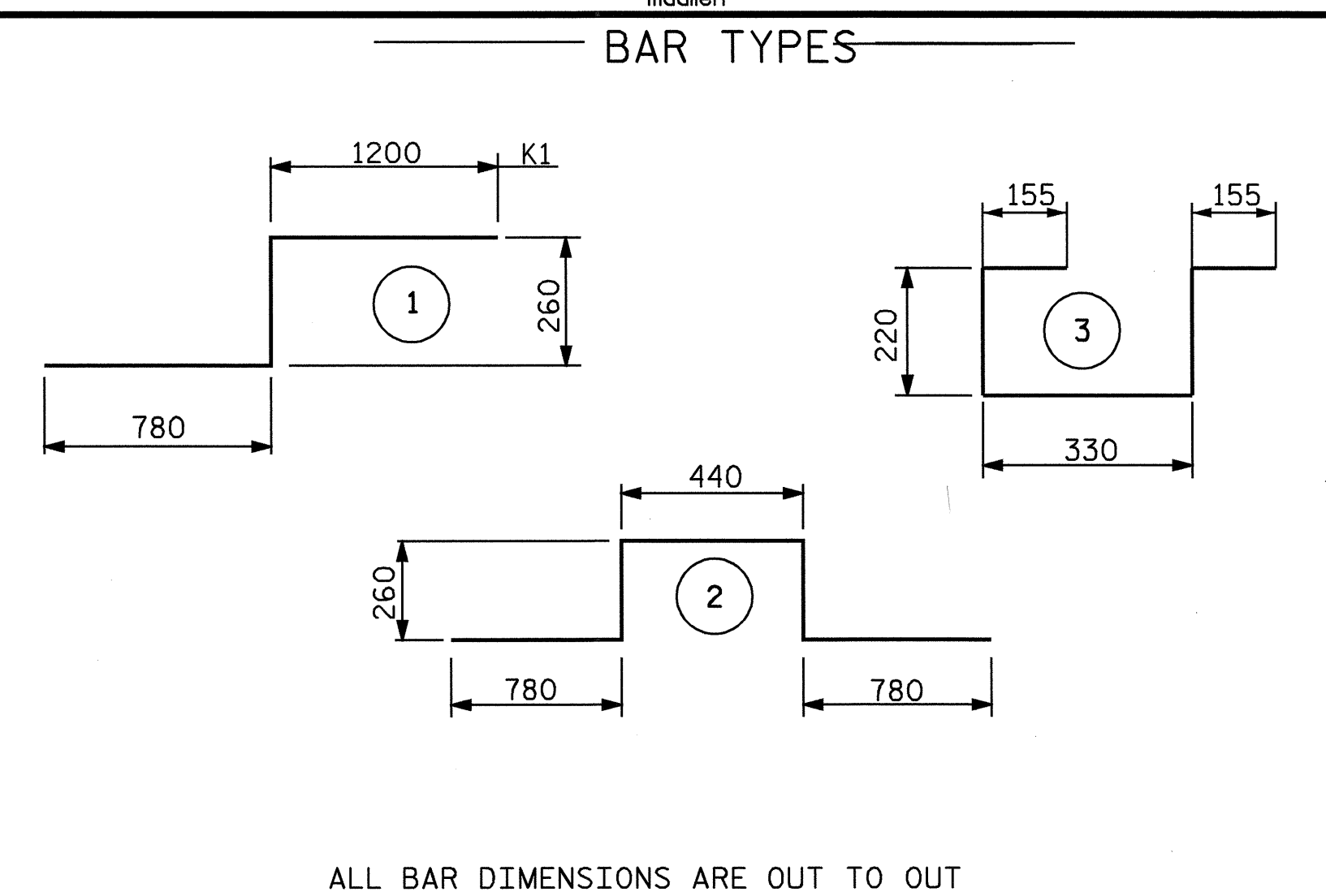
GROOVING BRIDGE FLOORS	
BRIDGE DECK ▲	1474.0 SQ.METER
TOTAL	1474.0 SQ.METER

▲ INCLUDES QUANTITY ON APPROACH SLABS



LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB (SQ. METER = 1480.3)

BILL OF MATERIAL					
SPAN A & B					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	766	#16	STR	12240	14551
A2	766	#16	STR	12180	14480
*A101	8	#16	STR	11540	143
*A102	8	#16	STR	10800	134
*A103	8	#16	STR	10080	125
*A104	4	#16	STR	17960	111
*A105	4	#16	STR	16520	103
*A106	4	#16	STR	15080	94
*A107	4	#16	STR	13640	85
*A108	4	#16	STR	12180	76
*A109	4	#16	STR	10740	67
*A110	4	#16	STR	9300	58
*A111	4	#16	STR	7860	49
*A112	4	#16	STR	6420	40
*A113	4	#16	STR	4980	31
*A114	4	#16	STR	3520	22
*A115	4	#16	STR	2080	13
*A116	4	#16	STR	640	4
A201	8	#16	STR	11400	141
A202	8	#16	STR	10760	131
A203	8	#16	STR	10040	121
A204	4	#16	STR	17960	111
A205	4	#16	STR	16520	103
A206	4	#16	STR	15080	94
A207	4	#16	STR	13640	85
A208	4	#16	STR	12180	76
A209	4	#16	STR	10740	67
A210	4	#16	STR	9300	58
A211	4	#16	STR	7860	49
A212	4	#16	STR	6420	40
A213	4	#16	STR	4980	31
A214	4	#16	STR	3520	22
A215	4	#16	STR	2080	13
A216	4	#16	STR	640	4
*B1	312	#13	STR	7300	2264
*B2	206	#16	STR	12900	4124
*B3	416	#16	STR	16080	10382
*G1	4	#16	STR	12460	77
*K1	8	#16		2240	27
*K2	24	#16		2520	94
K3	28	#16	STR	2720	118
*S1	140	#13		1080	150
REINFORCING STEEL				=	15,744 kg
* (EPOXY COATED) REINFORCING STEEL				=	32,824 kg

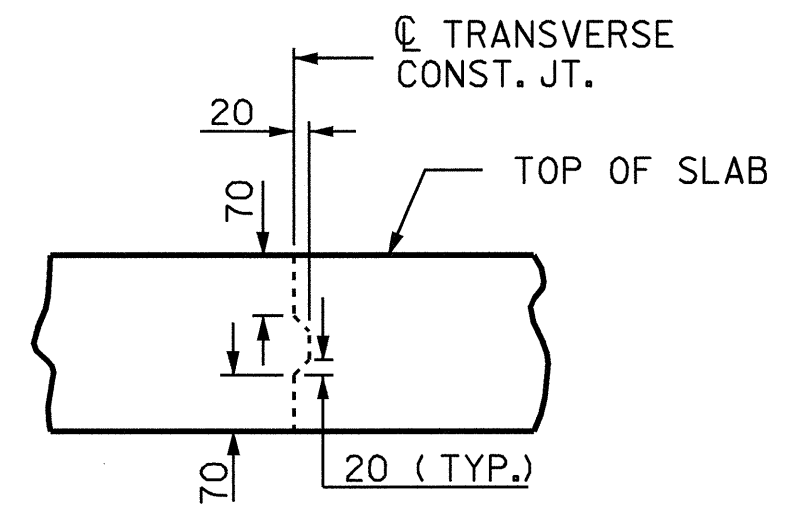


ALL BAR DIMENSIONS ARE OUT TO OUT

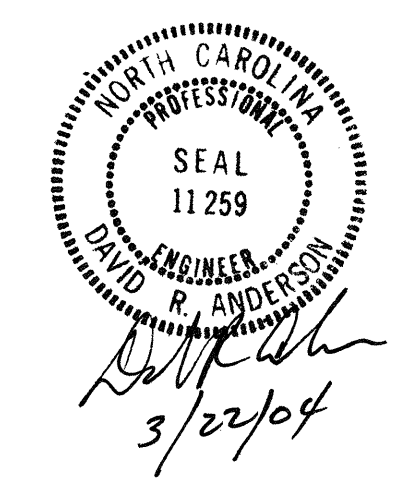
SUPERSTRUCTURE BILL OF MATERIAL			
	CLASS AA CONCRETE	REINFORCING STEEL	EPOXY COATED REINFORCING STEEL
	(CU. METER)	(kg.)	(kg.)
SPAN 'A' & 'B'	430.1	15,744	32,824
TOTALS **	430.1	15,744	32,824

**QUANTITIES FOR CONCRETE BARRIER RAIL AND CONCRETE MEDIAN 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			



TRANSVERSE CONSTRUCTION JOINT DETAIL
SLAB REINFORCING STEEL SHALL BE CONTINUOUS THRU JOINT



PROJECT NO. R-513C
ROBESON COUNTY
STATION: 298+57.237 -L-

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUPERSTRUCTURE BILL OF MATERIAL					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO.	5-265
TOTAL SHEETS	312

DRAWN BY : S.M. RASHIDI DATE : 08/28/01
CHECKED BY : N.O. TRAN DATE : 10/9/02