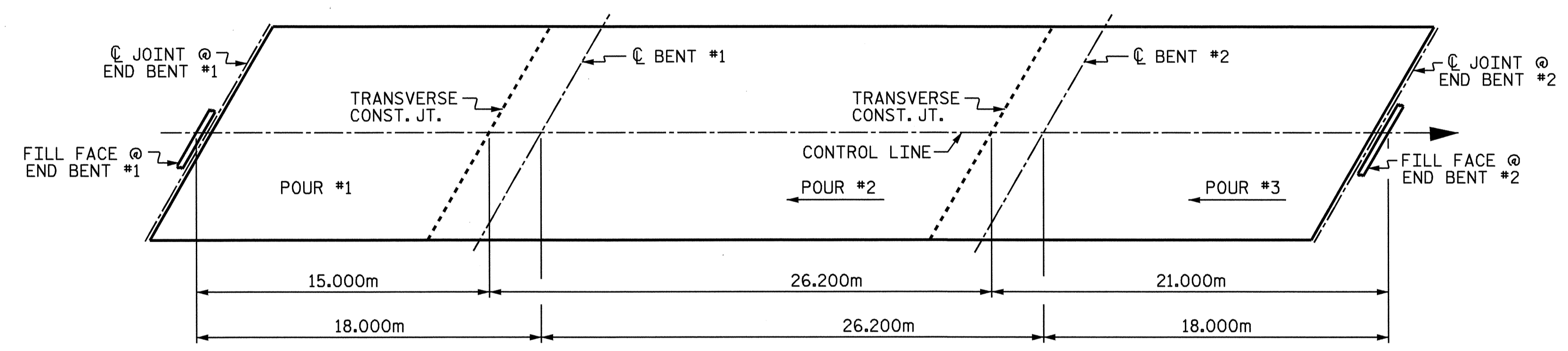
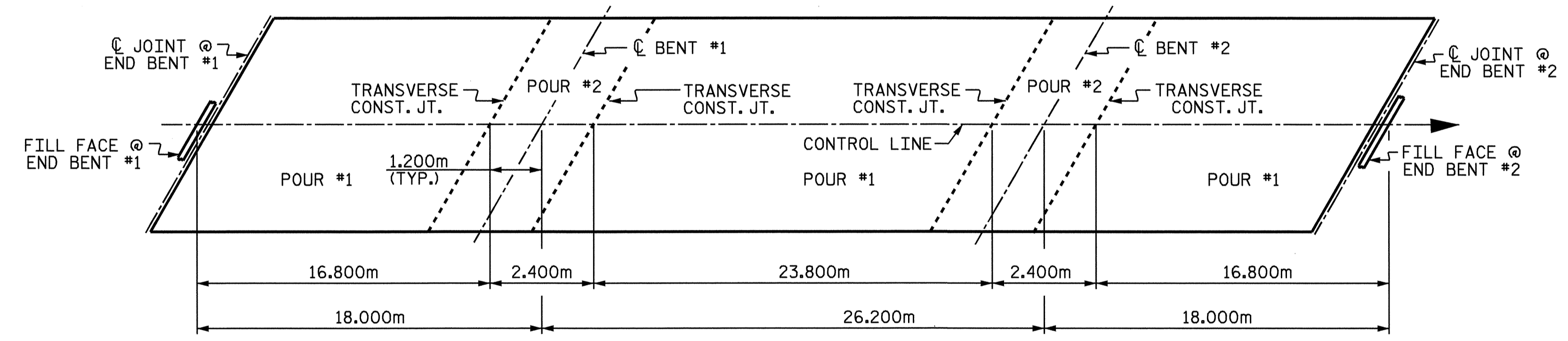


LAYOUT FOR COMPUTING AREA
REINFORCED CONCRETE DECK SLAB
(SQ. METERS = 725)



POURING SEQUENCE



OPTIONAL POURING SEQUENCE

POUR #2 CAN NOT BE STARTED UNTIL BOTH ADJACENT #1
POURS REACH A MINIMUM OF 20.7 MPA

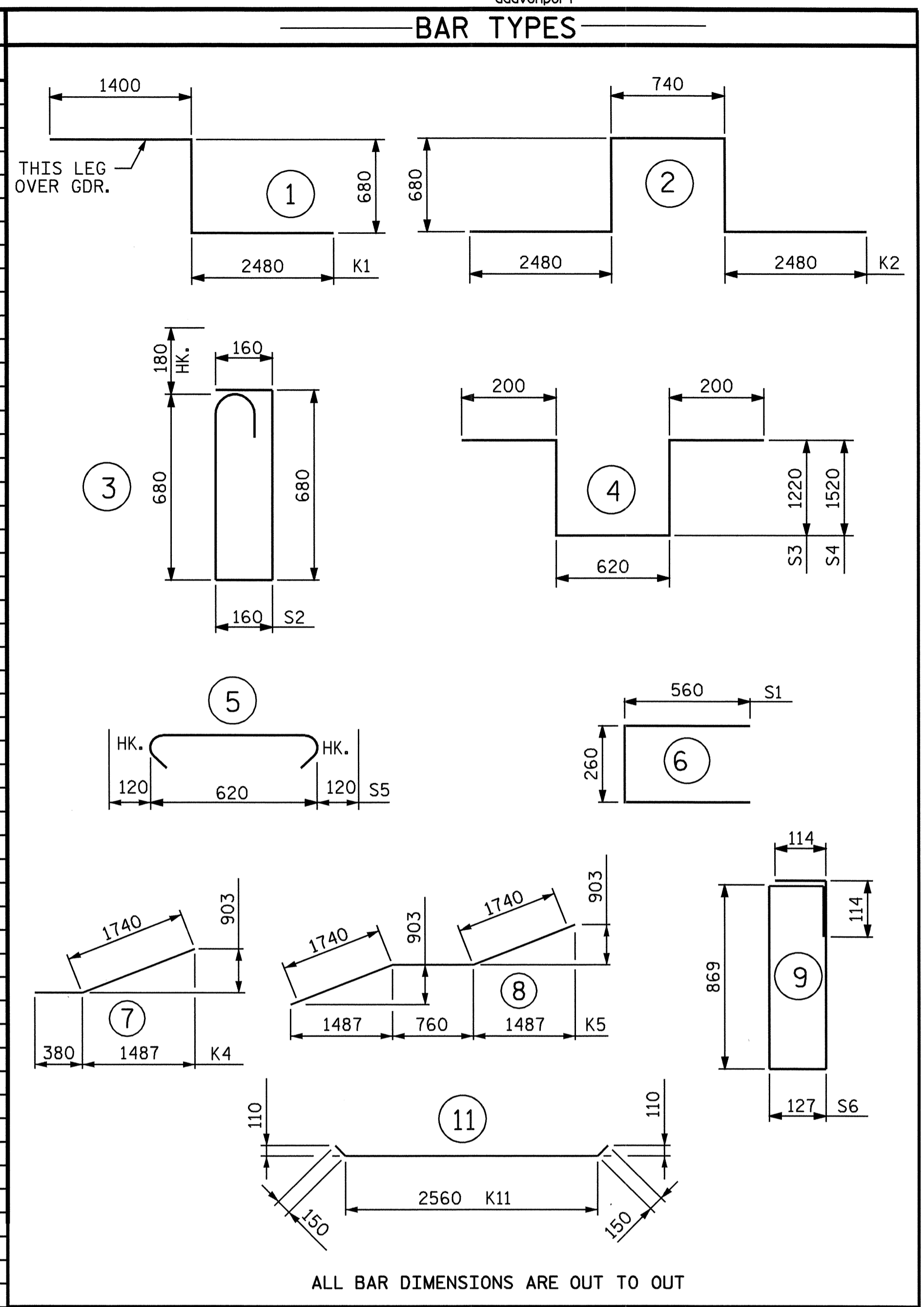
—SUPERSTRUCTURE BILL OF MATERIAL—			
	CLASS AA CONCRETE	REINFORCING STEEL	* EPOXY COATED REINFORCING STEEL
	(CU. METER)	(kg)	(kg)
POUR #1	52.1		
POUR #2	98.1		
POUR #3	82.4		
TOTALS**	232.6	13095	12845

**QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

BAR SIZE	SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS				PARAPET AND BARRIER RAIL
	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPET, AND BARRIER RAIL		APPROACH SLABS		
	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						
SPANS A THRU C						
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	
* A1	374	#16	STR	11680	6780	
A2	374	#16	STR	11680	6780	
* A101	4	#16	STR	11020	68	
* A102	4	#16	STR	10380	64	
* A103	4	#16	STR	9740	60	
* A104	4	#16	STR	9100	56	
* A105	4	#16	STR	8440	52	
* A106	4	#16	STR	7800	48	
* A107	4	#16	STR	7160	44	
* A108	4	#16	STR	6520	40	
* A109	4	#16	STR	5880	37	
* A110	4	#16	STR	5240	33	
* A111	4	#16	STR	4580	28	
* A112	4	#16	STR	3940	24	
* A113	4	#16	STR	3300	20	
* A114	4	#16	STR	2660	17	
* A115	4	#16	STR	2020	13	
* A116	4	#16	STR	1380	9	
* A117	4	#16	STR	720	4	
A201	4	#16	STR	11020	68	
A202	4	#16	STR	10380	64	
A203	4	#16	STR	9740	60	
A204	4	#16	STR	9100	56	
A205	4	#16	STR	8440	52	
A206	4	#16	STR	7800	48	
A207	4	#16	STR	7160	44	
A208	4	#16	STR	6520	40	
A209	4	#16	STR	5880	37	
A210	4	#16	STR	5240	33	
A211	4	#16	STR	4580	28	
A212	4	#16	STR	3940	24	
A213	4	#16	STR	3300	20	
A214	4	#16	STR	2660	17	
A215	4	#16	STR	2020	13	
A216	4	#16	STR	1380	9	
A217	4	#16	STR	720	4	
* B1	112	#13	STR	6020	670	
* B2	28	#13	STR	8700	242	
* B3	56	#22	STR	16160	2753	
* B4	50	#22	STR	6580	1001	
B5	188	#16	STR	15860	4628	
* G1	2	#16	STR	12880	40	
* K1	8	#25	1	4560	145	
* K2	8	#25	2	7060	224	
* K3	18	#19	STR	2940	118	
K4	20	#13	7	2120	42	
K5	20	#13	8	4240	84	
K6	12	#13	STR	2940	35	
K7	24	#13	STR	3280	78	
K8	12	#13	STR	3100	37	
K9	12	#13	STR	2380	28	
K10	18	#16	STR	2760	77	
K11	18	#16	11	2860	80	
* S1	60	#13	6	1380	82	
* S2	60	#16	3	1860	173	
S3	12	#13	4	3460	41	
S4	48	#13	4	4060	194	
S5	228	#13	5	860	195	
S6	81	#13	9	2220	179	
REINFORCING STEEL				=	13095 KG	
* EPOXY COATED REINF. STEEL				=	12845 KG	

GROOVING BRIDGE FLOORS		
BRIDGE DECK	603	SQ.METER
APPROACH SLABS	190	SQ.METER
TOTAL	793	SQ.METER



ALL BAR DIMENSIONS ARE OUT TO OUT

PROJECT NO. R-2610B
CHATHAM COUNTY
STATION: 22+83.400-L-

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE
BILL OF MATERIAL

REVISIONS						SHEET NO. S-16
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 60
2			4			

STR. #1 STD. NO. BOM2SM

ASSEMBLED BY : H. T. BARBOUR DATE : 5-11-04
CHECKED BY : D. A. DAVENPORT DATE : 5-04

DRAWN BY : JMB 5/87 REV. 6/1/94 EEM/GRP
CHECKED BY : SJD 9/87 REV. 8/16/99 RWW/LES

