11/19/2003
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mostrishko

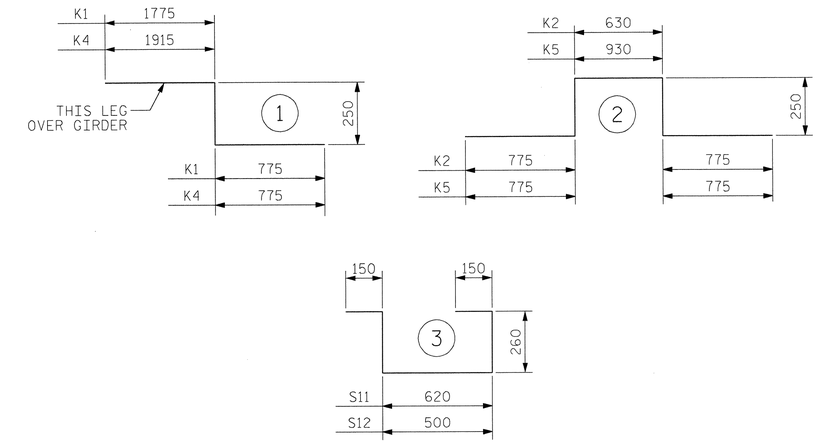
REINFORCING BAR SCHEDULE

SPAN C

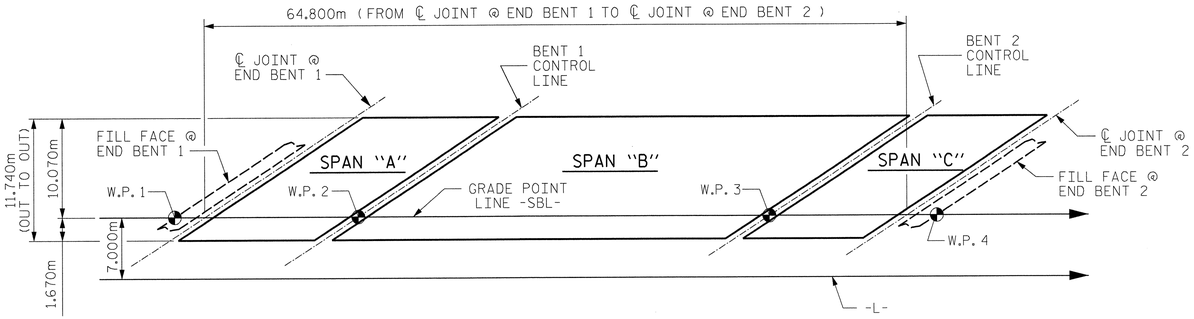
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✳ A1	14	#16	STR.	11,640	253	A216	4	#16	STR.	7,440	46
A2	18	#16	STR.	11,640	325	A217	4	#16	STR.	7,180	45
						A218	4	#16	STR.	6,920	43
✳ A101	4	#16	STR.	11,440	71	A219	4	#16	STR.	6,660	41
✳ A102	4	#16	STR.	11,180	69	A220	4	#16	STR.	6,400	40
✳ A103	4	#16	STR.	10,920	68	A221	4	#16	STR.	6,120	38
✳ A104	4	#16	STR.	10,660	66	A222	4	#16	STR.	5,880	37
✳ A105	4	#16	STR.	10,400	65	A223	4	#16	STR.	5,620	35
✳ A106	4	#16	STR.	10,140	63	A224	4	#16	STR.	5,340	33
✳ A107	4	#16	STR.	9,880	61	A225	4	#16	STR.	5,080	32
✳ A108	4	#16	STR.	9,620	60	A226	4	#16	STR.	4,820	30
✳ A109	4	#16	STR.	9,360	58	A227	4	#16	STR.	4,560	28
✳ A110	4	#16	STR.	9,100	56	A228	4	#16	STR.	4,300	27
✳ A111	4	#16	STR.	8,840	55	A229	4	#16	STR.	4,040	25
✳ A112	4	#16	STR.	8,580	53	A230	4	#16	STR.	3,780	23
✳ A113	4	#16	STR.	8,300	52	A231	4	#16	STR.	3,520	22
✳ A114	4	#16	STR.	8,040	50	A232	4	#16	STR.	3,260	20
✳ A115	4	#16	STR.	7,780	48	A233	4	#16	STR.	3,000	19
✳ A116	4	#16	STR.	7,520	47	A234	4	#16	STR.	2,740	17
✳ A117	4	#16	STR.	7,260	45	A235	4	#16	STR.	2,480	15
✳ A118	4	#16	STR.	7,000	43	A236	4	#16	STR.	2,200	14
✳ A119	4	#16	STR.	6,740	42	A237	4	#16	STR.	1,940	12
✳ A120	4	#16	STR.	6,480	40	A238	4	#16	STR.	1,680	10
✳ A121	4	#16	STR.	6,220	39	A239	2	#16	STR.	1,220	4
✳ A122	4	#16	STR.	5,960	37	A240	2	#16	STR.	1,620	5
✳ A123	4	#16	STR.	5,700	35	A241	2	#16	STR.	1,180	4
✳ A124	4	#16	STR.	5,440	34	A242	2	#16	STR.	1,640	5
✳ A125	4	#16	STR.	5,160	32	A243	2	#16	STR.	1,140	4
✳ A126	4	#16	STR.	4,900	30	A244	2	#16	STR.	1,660	5
✳ A127	4	#16	STR.	4,640	29	A245	2	#16	STR.	1,520	5
✳ A128	4	#16	STR.	4,380	27	A246	2	#16	STR.	1,300	4
✳ A129	4	#16	STR.	4,120	26						
✳ A130	4	#16	STR.	3,860	24	✳ B5	56	#13	STR.	8,400	468
✳ A131	4	#16	STR.	3,600	22	B6	50	#16	STR.	15,980	1,240
✳ A132	4	#16	STR.	3,340	21						
✳ A133	4	#16	STR.	3,080	19	✳ G1	2	#16	STR.	17,700	55
✳ A134	4	#16	STR.	2,820	18	✳ G2	10	#19	STR.	3,000	67
✳ A135	4	#16	STR.	2,560	16						
✳ A136	4	#16	STR.	2,300	14	✳ K1	12	#16	1	2,800	52
✳ A137	4	#16	STR.	2,020	13	✳ K2	12	#16	2	2,680	50
✳ A138	4	#16	STR.	1,760	11	✳ K3	18	#16	STR.	4,700	131
✳ A139	4	#16	STR.	1,500	9						
✳ A140	4	#16	STR.	1,240	8	✳ S11	39	#13	3	1,440	56
✳ A141	4	#16	STR.	980	6	✳ S12	39	#13	3	1,320	51
A201	4	#16	STR.	11,360	71						
A202	4	#16	STR.	11,100	69						
A203	4	#16	STR.	10,840	67	REINFORCING STEEL			kg		3,141
A204	4	#16	STR.	10,580	66						
A205	4	#16	STR.	10,320	64	✳ EPOXY COATED					
A206	4	#16	STR.	10,060	62	REINFORCING STEEL			kg		2,765
A207	4	#16	STR.	9,800	61						
A208	4	#16	STR.	9,540	59						
A209	4	#16	STR.	9,280	58						
A210	4	#16	STR.	9,020	56						
A211	4	#16	STR.	8,760	54						
A212	4	#16	STR.	8,480	53						
A213	4	#16	STR.	8,220	51						
A214	4	#16	STR.	7,960	49						
A215	4	#16	STR.	7,700	48						

"✳" DENOTES EPOXY COATED REINFORCING STEEL

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT



LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB

(AREA = 760.8 SQ. METERS)

SUPERSTRUCTURE BILL OF MATERIAL

	CLASS AA CONCRETE	REINFORCING STEEL	EPOXY COATED REINFORCING STEEL
	(CU.METER)	(kg)	(kg)
SPAN A	55.5	3,318	2,897
SPAN B	100.4	6,264	5,089
SPAN C	52.8	3,141	2,765
TOTALS ✳✳	208.7	12,723	10,751

✳✳ QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED.

GROOVING BRIDGE FLOORS

BRIDGE DECK	620.9	SQ.METER
TOTAL	620.9	SQ.METER

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-2610A

CHATHAM COUNTY

STATION: 27+85.488 -L-

SHEET 2 OF 2

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DRAWN BY : M. J. OSTRISHKO DATE :
CHECKED BY : S. R. BEABES DATE :

DRAWN BY : JMB 5/87
CHECKED BY : SJD 9/87
REV. 5/16/97 EEM/RGW

NORTH CAROLINA PROFESSIONAL SEAL 11809 ENGINEER LEANG-YA PAO 11-19-03

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE
BILL OF MATERIAL
(LEFT LANE BRIDGE)

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-65
1			3			TOTAL SHEETS
2			4			82

STR. #2

STD. NO. BOMISM