BILL OF MATERIAL

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✳A1	456	#16	STR	11640	8238	A207	2	#16	STR	5560	17
A2	456	#16	STR	11640	8238	A208	2	#16	STR	4660	14
						A209	2	#16	STR	3760	12
✳A101	2	#16	STR	10980	34	A210	2	#16	STR	2860	9
✳A102	2	#16	STR	10080	31	A211	2	#16	STR	1960	6
✳A103	2	#16	STR	9180	28	A212	2	#16	STR	1060	3
✳A104	2	#16	STR	8280	26						
✳A105	2	#16	STR	7380	23	✳B1	140	#13	STR	7600	1058
✳A106	2	#16	STR	6460	20	✳B2	106	#22	STR	17000	5482
✳A107	2	#16	STR	5560	17	✳B3	112	#13	STR	7160	797
✳A108	2	#16	STR	4660	14	B4	300	#16	STR	16140	7515
✳A109	2	#16	STR	3760	12						
✳A110	2	#16	STR	2860	9	✳G1	2	#16	STR	11920	37
✳A111	2	#16	STR	1960	6						
✳A112	2	#16	STR	1060	3	✳K1	8	#16	1	2360	29
						✳K2	16	#16	2	2580	64
A201	2	#16	STR	10980	34	✳K3	20	#16	STR	1580	49
A202	2	#16	STR	10080	31						
A203	2	#16	STR	9180	28	✳S1	50	#13	3	1200	60
A204	2	#16	STR	8280	26						
A205	2	#16	STR	7380	23	REINFORCING STEEL = 15976 kg					
A206	2	#16	STR	6460	20	✳EPOXY COATED REINF. STEEL = 16037 kg					

✳THESE BARS ARE EPOXY COATED.

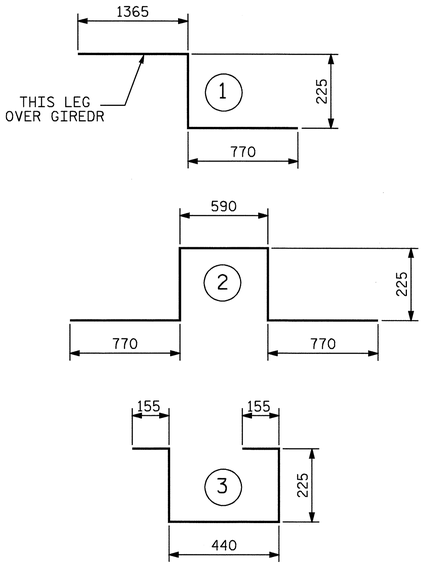
SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS

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			

GROOVING BRIDGE FLOORS

BRIDGE DECK 921.5 SQ.METER

BAR TYPES

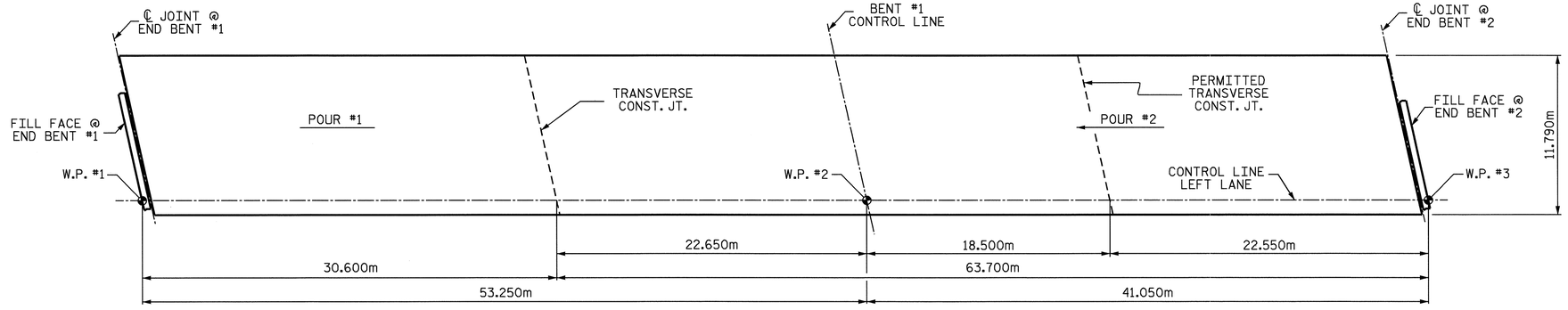


ALL BAR DIMENSIONS ARE OUT TO OUT

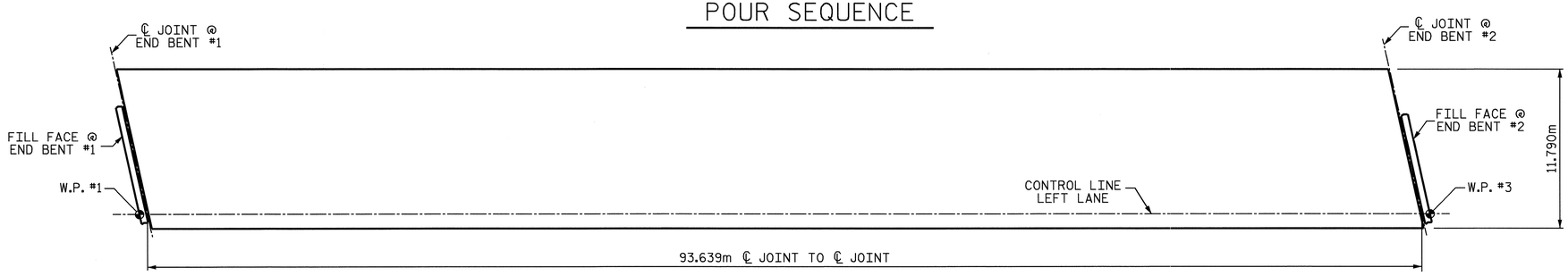
SUPERSTRUCTURE BILL OF MATERIAL

	CLASS AA CONCRETE	REINFORCING STEEL	EPOXY COATED REINFORCING STEEL
	(CU.METER)	(kg)	(kg)
SPANS A & B		15976	16037
POUR #1	97.8		
POUR #2	204.4		
TOTALS ✳✳	302.2	15976	16037

✳✳QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED



POUR SEQUENCE



LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB (SQ. METER = 1104.0)

PROJECT NO. R-2911A
IREDELL COUNTY
STATION: 39+62.402-L-

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE BILL OF MATERIAL LEFT LANE

ASSEMBLED BY : L.L.MURPHY	DATE : 01-04
CHECKED BY : D. HODGE	DATE : 02-02
DRAWN BY : JMB 5/87	REV. 5/16/97 EEM/RGW
CHECKED BY : SJD 9/87	

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-17
1			3			TOTAL SHEETS
2			4			106

12-MAY-2004 06:53
w:\sdquady\r2911a\lmurphy\Microstation\str #1\R2911A_sd_BM_01.dgn
lmurphy

STR #1

STD. NO. BOM1SM