REINFORCING BAR SCHEDULE

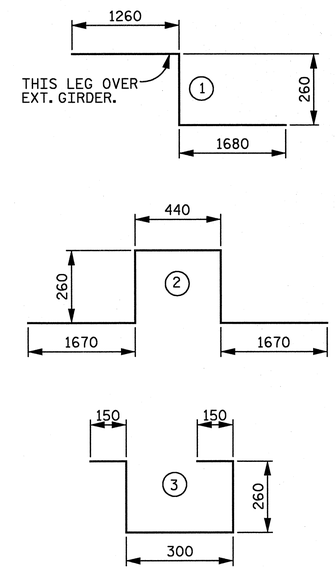
MARK	NO.	SIZE	TYPE	LENGTH (mm)	MASS (Kg)
✳ A1	484	#16	STR.	14,080	10,576
A2	486	#16	STR.	14,080	10,620
✳ B1	160	#16	STR.	15,120	3,755
B2	290	#16	STR.	15,180	6,832
✳ B3	186	#19	STR.	11,880	4,939
✳ G1	2	#16	STR.	14,080	44
✳ K1	12	#16	②	4,300	80
✳ K2	8	#16	①	3,200	40
✳ S1	64	#13	③	1,120	71

✳ DENOTES EPOXY COATED REINFORCING

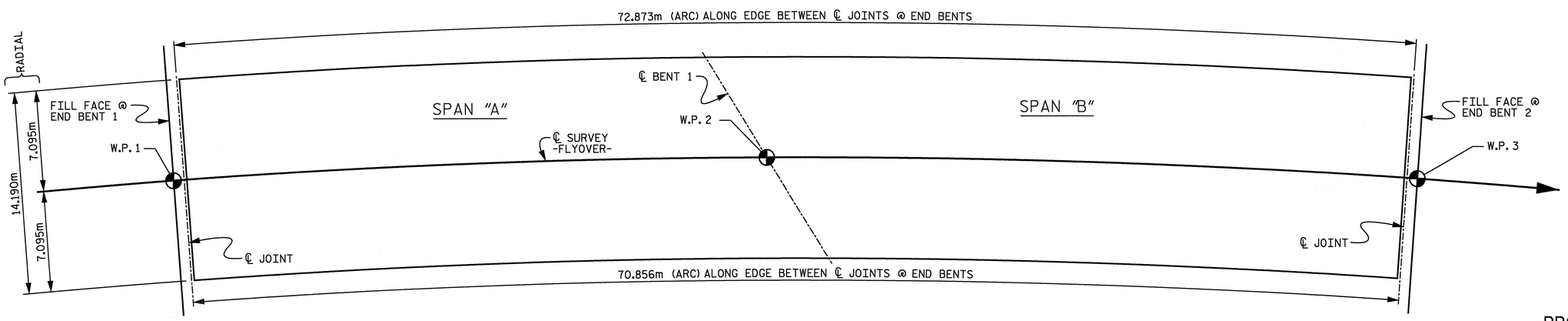
SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS

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			

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT.



LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB
(SQ. METER = 1,019.4)

SUPERSTRUCTURE BILL OF MATERIAL

	CLASS AA CONCRETE	REINFORCING STEEL	EPOXY COATED REINFORCING STEEL
POUR 1	70.5		
POUR 2	205.1		
TOTALS ■	275.6	17,452	19,505

■ QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED.

GROOVING BRIDGE FLOORS

APPROACH SLABS	184.0 SQ.METER
BRIDGE DECK	877.3 SQ.METER
TOTAL	1061.3 SQ.METER

NORTH CAROLINA PROFESSIONAL SEAL 18165 ENGINEER MARK F. ROBBINS
2-23-05

NORTH CAROLINA PROFESSIONAL SEAL 26253 ENGINEER ZHUCANG LIU
2/23/05

PROJECT NO. R-2552C
JOHNSTON COUNTY
STATION: POS 16+52.599 -Y4- = POC 9+28.021 -FLYOVER-

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE BILL OF MATERIAL

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-417
1			3			TOTAL SHEETS
2			4			431

ASSEMBLED BY : LGH	DATE : 8-04
CHECKED BY : JTG	DATE : 1-05
DRAWN BY : JMB 5/87	REV. 5/16/97 EEM/RGW
CHECKED BY : SJD 9/87	

D-1748.22

STD. NO. BOM1SM

david.lowery 02/23/2005 10:30:42 AM n:\proj\3109-300\ustation\struct\final\3109-300_ss_bom.dgn