

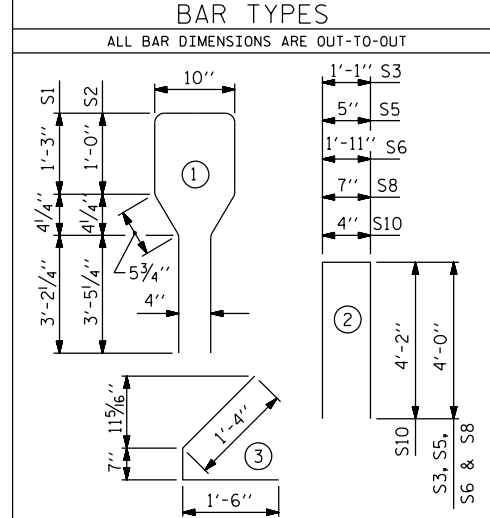
0.6" Ø L. R. GRADE 270 STRANDS

AREA (SQ. INCHES)	ULTIMATE STRENGTH (LBS. PER STRAND)	APPLIED PRESTRESS (LBS. PER STRAND)
0.217	58,600	43,950

REINFORCING STEEL FOR ONE GIRDER

BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT
EXTERIOR GDR. S1		#4	1	10'-8"	
INTERIOR GDR. S1		#4	1	10'-8"	
S2	12	#6	1	10'-8"	192
S3	4	#4	2	9'-1"	24
S4	64	#4	3	3'-5"	146
S5	6	#4	2	8'-5"	34
S6	1	#4	2	9'-11"	7
*S7	6	#5	STR	3'-8"	23
S8	4	#4	2	8'-7"	23
S9	1	#3	STR	1'-10"	1
EXTERIOR GDR. S10		#5	2	8'-8"	
INTERIOR GDR. S10		#5	2	8'-8"	
EXTERIOR GDR. S11		#4	STR	7'-0"	
INTERIOR GDR. S		#4	STR		

* NOTE: S7 BARS SHALL BE BENT BEFORE SHIPMENT. HEAT BENDING SHALL NOT BE ALLOWED.



QUANTITIES FOR ONE GIRDER

	REINFORCING STEEL	PSI CONCRETE	0.6" Ø L. R. STRANDS
	LB.	C.Y.	No.
EXTERIOR GIRDER			
INTERIOR GIRDER			

GIRDERS REQUIRED

NUMBER	LENGTH	TOTAL LENGTH

PROJECT NO. _____ COUNTY _____
STATION: _____

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
STANDARD
AASHTO TYPE IV
PRESTRESSED CONCRETE GIRDER
CONTINUOUS FOR LIVE LOAD

REVISIONS

NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO. _____
TOTAL SHEETS _____

ASSEMBLED BY : _____ DATE : _____
CHECKED BY : _____ DATE : _____
DRAWN BY : ELR 8/91 REV. 7/17/98 RWW/LES
CHECKED BY : GRP 8/91 REV. 10/17/00R RWW/LES
REV. 5/1/06R TLA/GM