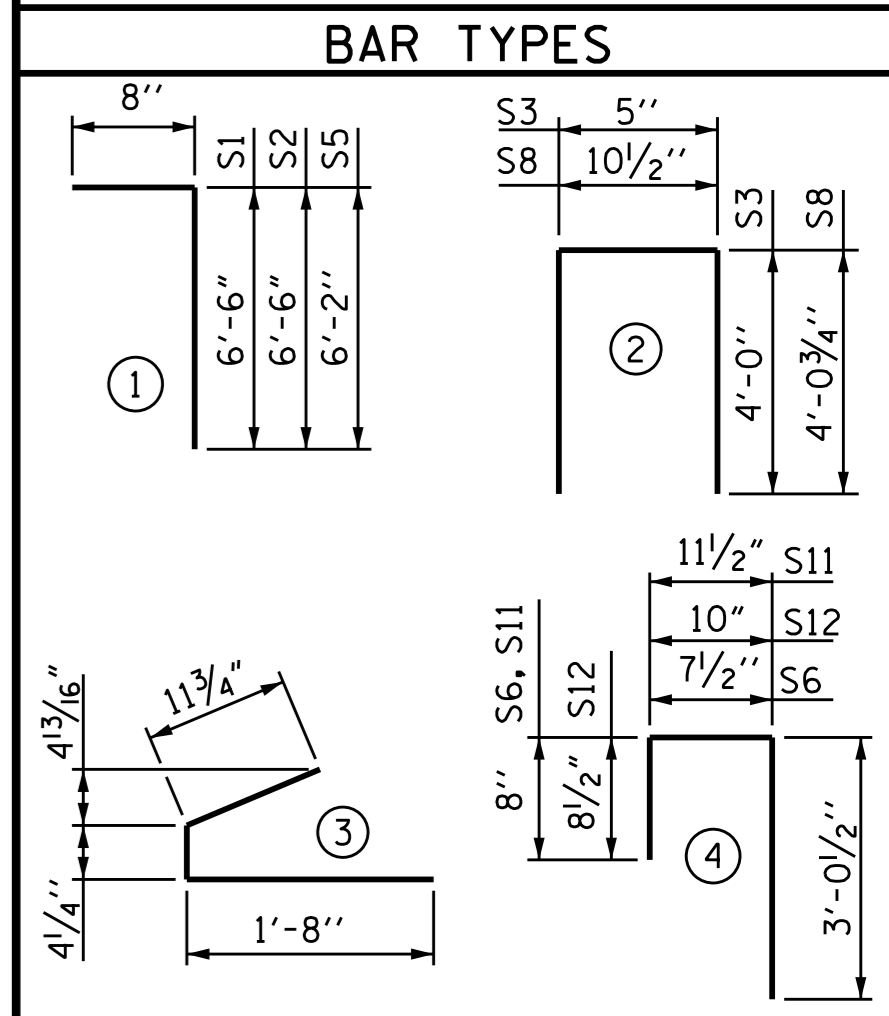


0.6" Ø L. R. GRADE 270 STRANDS		
AREA (SQUARE INCHES)	ULTIMATE STRENGTH (LBS. PER STRAND)	APPLIED PRESTRESS (LBS. PER STRAND)
0.217	58,600	43,950

REINFORCING STEEL FOR ONE GDR.						
BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT	
S1	60	#4	1	7'-2"	287	
S2	24	#5	1	7'-2"	179	
S3	14	#4	2	8'-5"	79	
S4	84	#4	3	3'-0"	168	
S5	24	#5	1	6'-10"	171	
S6	44	#5	4	4'-4"	199	
* S7	20	#5	STR	3'-8"	76	
S8	2	#5	2	9'-0"	19	
S9	2	#5	STR	3'-3"	7	
S10	2	#3	STR	1'-10"	1	
S11	96	#5	4	4'-8"	467	
S12	56	#5	4	4'-7"	268	

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



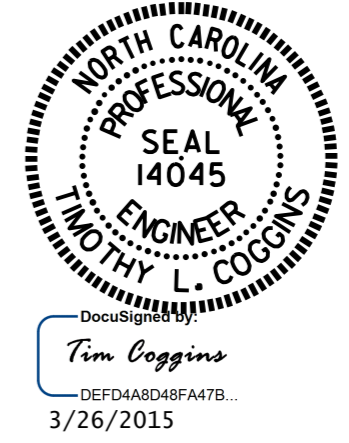
	QUANTITIES FOR ONE GIRDER		
	REINFORCING STEEL LB.	9500 PSI CONCRETE C.Y.	0.6" Ø L.R. STRANDS No.
EXTERIOR GIRDER	1,921	26.5	46

GIRDERS REQUIRED		
NUMBER	LENGTH	TOTAL LENGTH
1	123'-9 1/2"	123'-9 1/2"

PROJECT NO. R-2514D  
 JONES & CRAVEN COUNTY  
 STATION: 625+23.28 -L-

SHEET 2 OF 3

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 STANDARD  
 72" PRESTRESSED CONCRETE  
 MODIFIED BULB TEE  
 CONTINUOUS FOR LIVE LOAD  
 SPAN B



REVISIONS						SHEET NO. S18-016
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 39
2			4			

ASSEMBLED BY: B.N. BARODAWAL DATE: 2-18-14  
 CHECKED BY: NEIL RUFFIN DATE: 8-20-14  
 DRAWN BY: EEM 2/6/97 REV. 10/17/00 RWW/LES  
 CHECKED BY: VAP 2/6/97 REV. 5/1/06R TLA/GM  
 REV. 10/1/11 MAA/GM