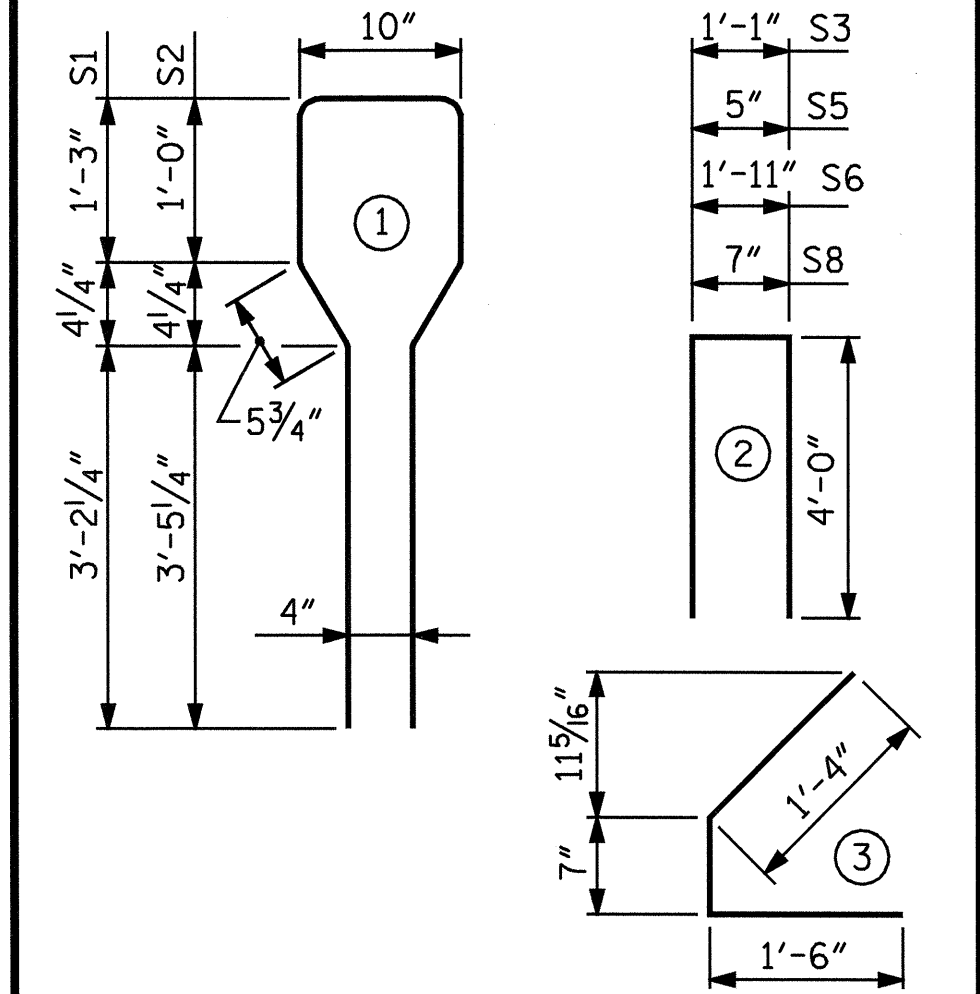


1/2" Ø L. R. GRADE 270 STRANDS		
AREA (SQUARE INCHES)	ULTIMATE STRENGTH (LBS. PER STRAND)	APPLIED PRESTRESS (LBS. PER STRAND)
0.153	41,300	30,980

REINFORCING STEEL FOR ONE GIRDER					
BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT
S1	66	#4	1	10'-8"	470
S2	12	#6	1	10'-8"	192
S3	4	#4	2	9'-1"	24
S4	76	#4	3	3'-5"	173
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

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

**BAR TYPES**  
 ALL BAR DIMENSIONS ARE OUT-TO-OUT



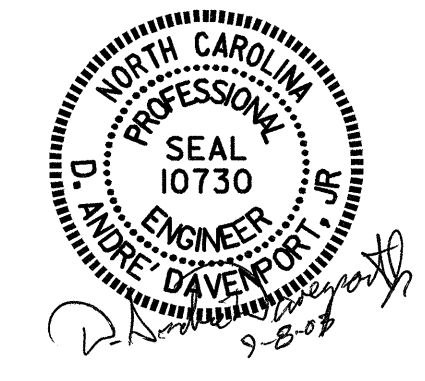
QUANTITIES FOR ONE GIRDER			
	REINFORCING STEEL LB.	6000.0 PSI CONCRETE C.Y.	1/2" Ø L.R. STRANDS No.
INT/EXT GIRDER	947	18.6	44

GIRDERS REQUIRED		
NUMBER	LENGTH	TOTAL LENGTH
4	91.67	366.67

PROJECT NO. B-4334  
 DAVIDSON COUNTY  
 STATION: 27+49.00 -L-

SHEET 3 OF 4

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



ASSEMBLED BY : M. M. P. /DAD	DATE : 10/1/02	CADD STANDARD
CHECKED BY : H. T. BARBOUR	DATE : 11/02	
DRAWN BY : RB	2/97	REV. 10/99 MAB/LES
CHECKED BY : VP	2/97	

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S-12	
1			3			TOTAL SHEETS	
2			4			34	