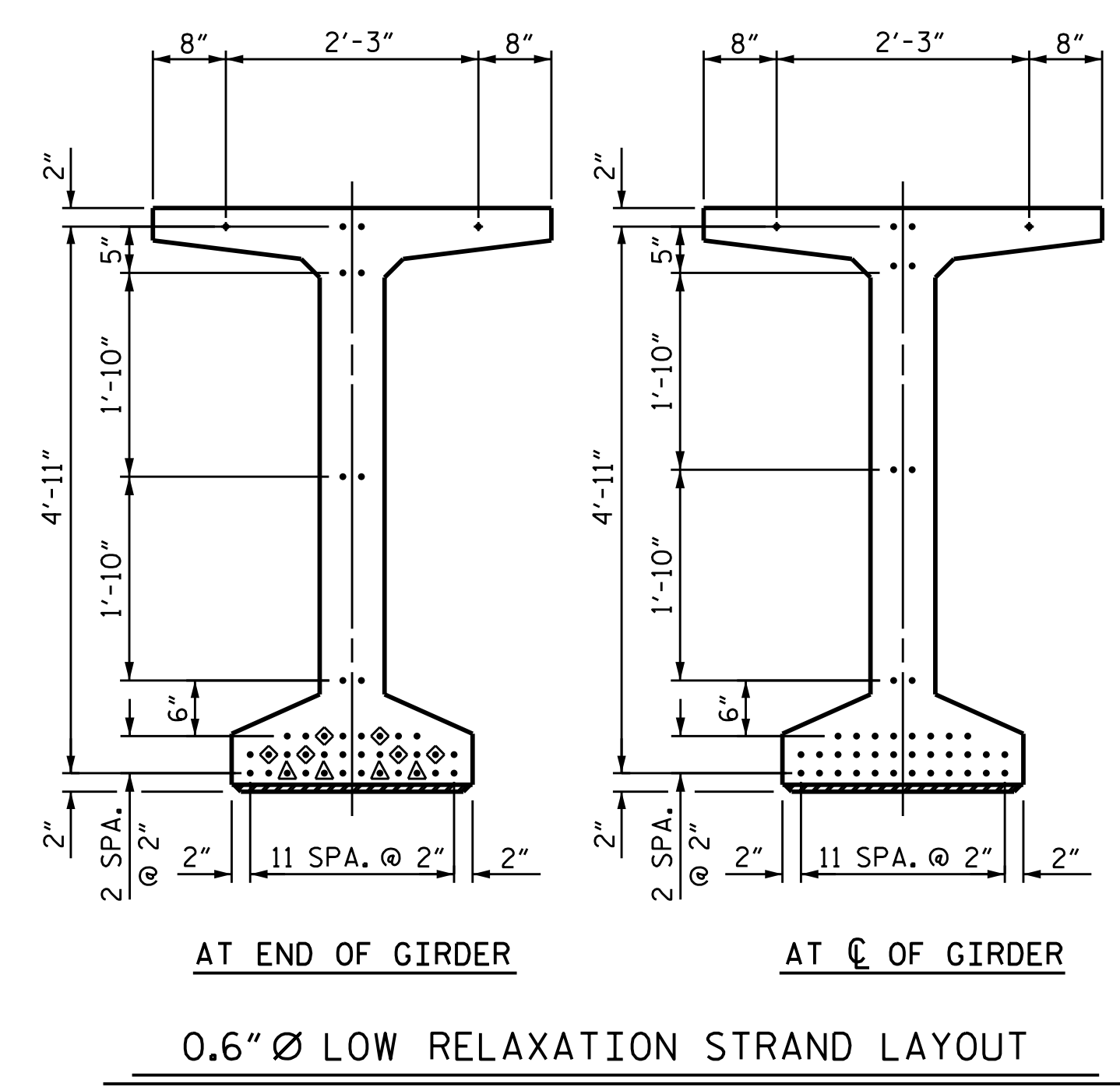


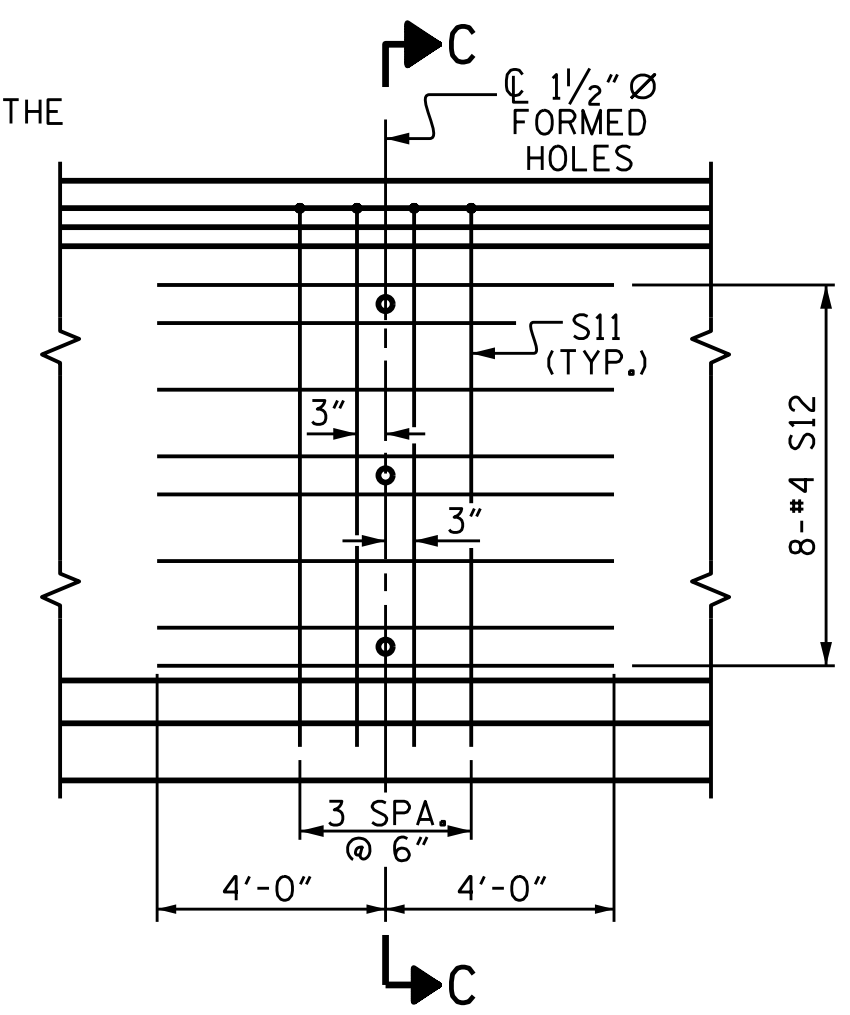
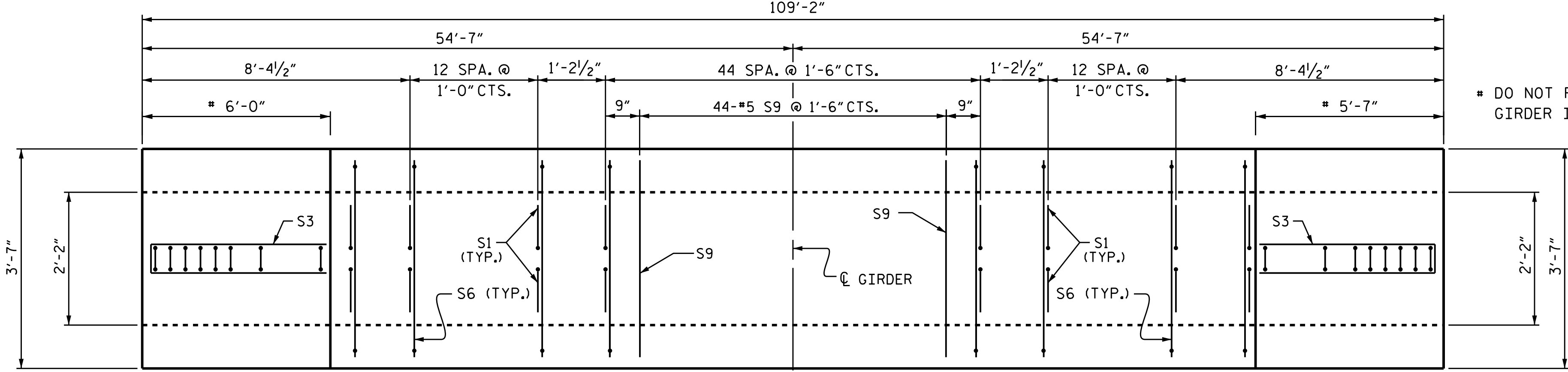
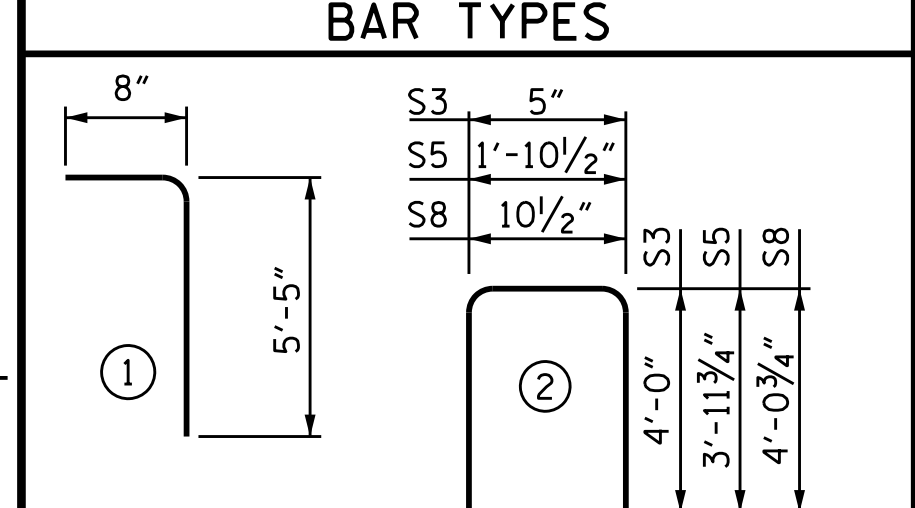
1/2" Ø FORMED HOLE. SEE ELEVATION FOR LOCATION. FOR DIM. "A", "B" & "C" SEE "INTERMEDIATE STEEL DIAPHRAGMS" SHEET.)

- DEBONDING LEGEND**
- FULLY BONDED STRANDS
  - ◆ STRANDS DEBONDED FOR 10'-0" FROM END OF GIRDER
  - ▲ STRANDS DEBONDED FOR 20'-0" FROM END OF GIRDER



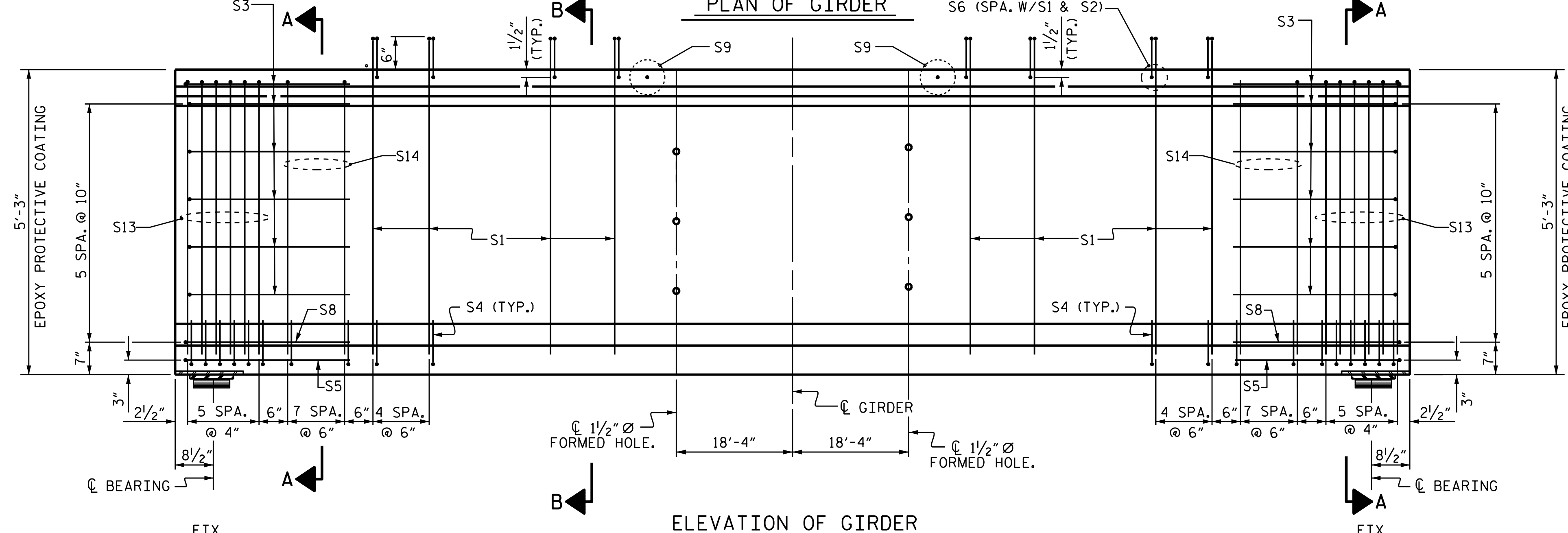
0.6" Ø L. R. GRADE 270 STRANDS		
AREA (SQUARE INCHES)	ULTIMATE STRENGTH (LBS. PER STRAND)	APPLIED PRESTRESS (LBS. PER STRAND)
0.217	58,600	43,950

REINFORCING STEEL FOR ONE GDR					
BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT
S1	158	#4	1	6'-1"	642
S3	12	#4	2	8'-5"	67
S4	76	#4	3	3'-0"	152
S5	2	#5	2	9'-10"	21
S6	158	#5	4	4'-4"	714
S8	2	#5	2	9'-0"	19
S9	44	#5	STR	3'-3"	149
S11	8	#5	5	10'-0"	83
S12	16	#4	STR	8'-0"	86
S13	12	#5	5	10'-0"	125
S14	16	#4	5	10'-0"	107



QUANTITIES FOR ONE GIRDER		
REINFORCING STEEL	8,500 PSI CONCRETE	0.6" Ø L.R. STRANDS
LB.	C.Y.	No.
2165	21.6	42

GIRDERS REQUIRED		
NUMBER	LENGTH	TOTAL LENGTH
5	109'-2"	545'-10"

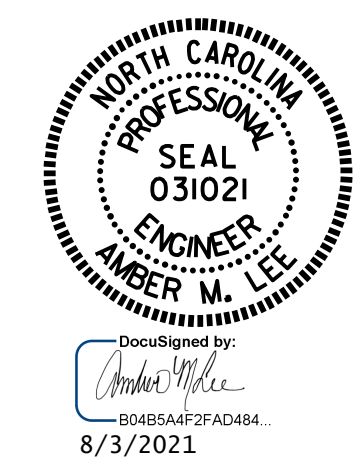


PROJECT NO. BR-0002  
 ASHE COUNTY  
 STATION: 23+80.00 -L-

SHEET 2 OF 4

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

STANDARD  
 63" PRESTRESSED CONCRETE  
 MODIFIED BULB TEE  
 CONTINUOUS FOR LIVE LOAD  
 (SPAN B)



ASSEMBLED BY : M. G. SHAIKH	DATE : 06/2020
CHECKED BY : A. LEE	DATE : 06/2020
DRAWN BY : EEM 2/6/97	REV. 6/13 MAA/GM
CHECKED BY : VAP 2/6/97	REV. 1/15 MAA/TMG
	REV. 12/17 MAA/THC

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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

S-16  
TOTAL SHEETS 40