

SECTION A-A

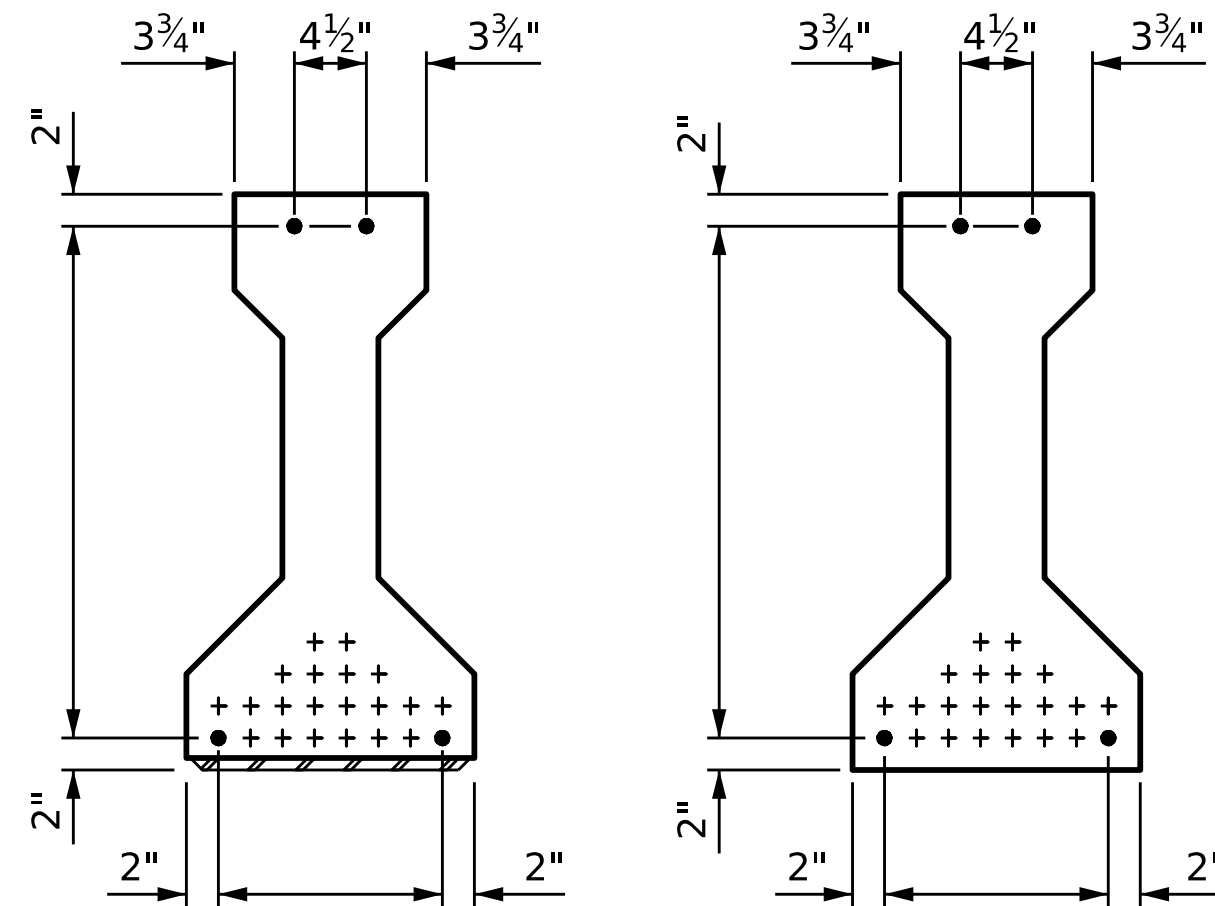
SECTION B-B

SECTION C-C

(S1 BARS NOT SHOWN)

DEBONDING LEGEND

- FULLY BONDED STRANDS
- STRANDS DEBONDED FOR 4'-0" FROM END OF GIRDER
- STRANDS DEBONDED FOR 6'-0" FROM END OF GIRDER
- STRANDS DEBONDED FOR 8'-0" FROM END OF GIRDER
- STRANDS DEBONDED FOR 10'-0" FROM END OF GIRDER
- STRANDS DEBONDED FOR 12'-0" FROM END OF GIRDER



0.6" Ø LOW RELAXATION STRAND LAYOUT

EXTERIOR GDR.
INTERIOR GDR.

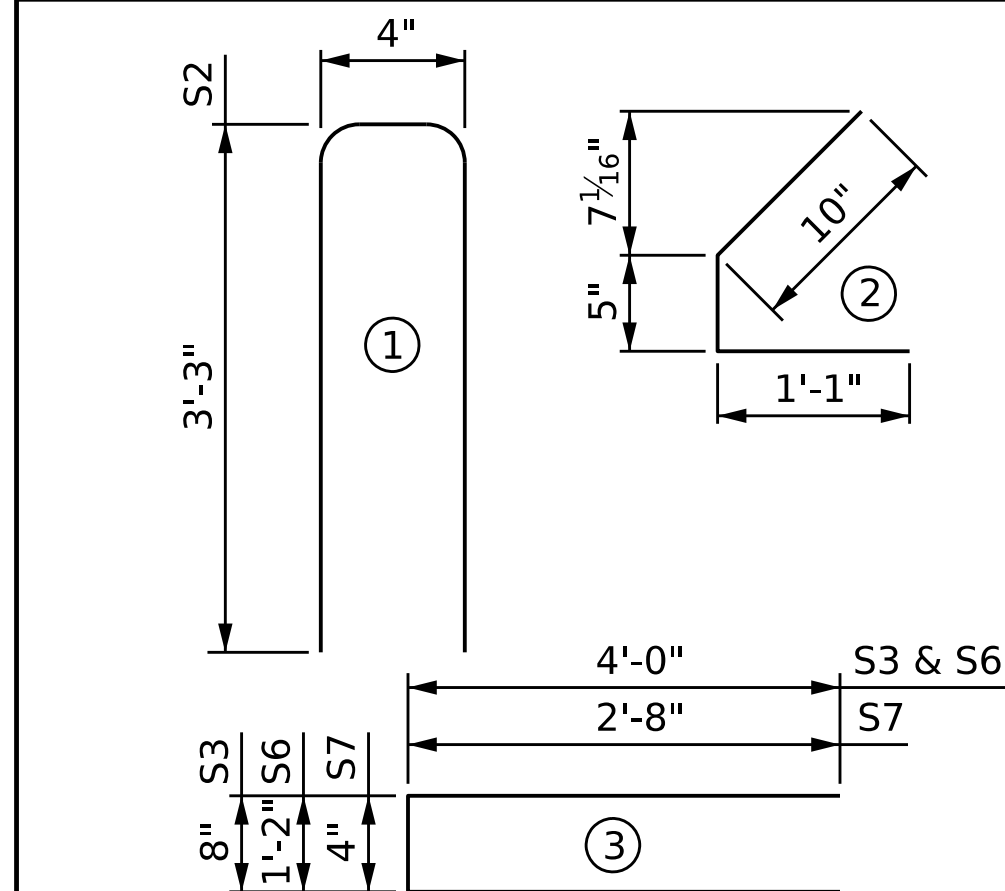
0.6"Ø L.R. GRADE 270 STRANDS

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

REINFORCING STEEL FOR ONE GIRDER

BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT
S1		#4	1	6'-10"	
S2	6	#5	1	6'-10"	43
S3	4	#4	3	8'-8"	23
S5	44	#4	2	2'-4"	69
S6	2	#4	3	9'-2"	12
S7		#5	3	5'-8"	
S8		#4	STR	7'-0"	
S		#4	STR		

BAR TYPES



ALL BAR DIMENSIONS ARE OUT-TO-OUT

QUANTITIES FOR ONE GIRDER

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

EXT. GIRDER			
INT. GIRDER			

GIRDERS REQUIRED

NUMBER	LENGTH	TOTAL LENGTH

PROJECT NO. _____

_____ COUNTY

STATION: _____

SHEET _ OF _

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
STANDARD

AASHTO TYPE II
PRESTRESSED CONCRETE
GIRDER - LINK SLAB

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

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

ASSEMBLED BY :	DATE :
CHECKED BY :	DATE :
DRAWN BY : BNB 09/21	
CHECKED BY : AAI 09/21	