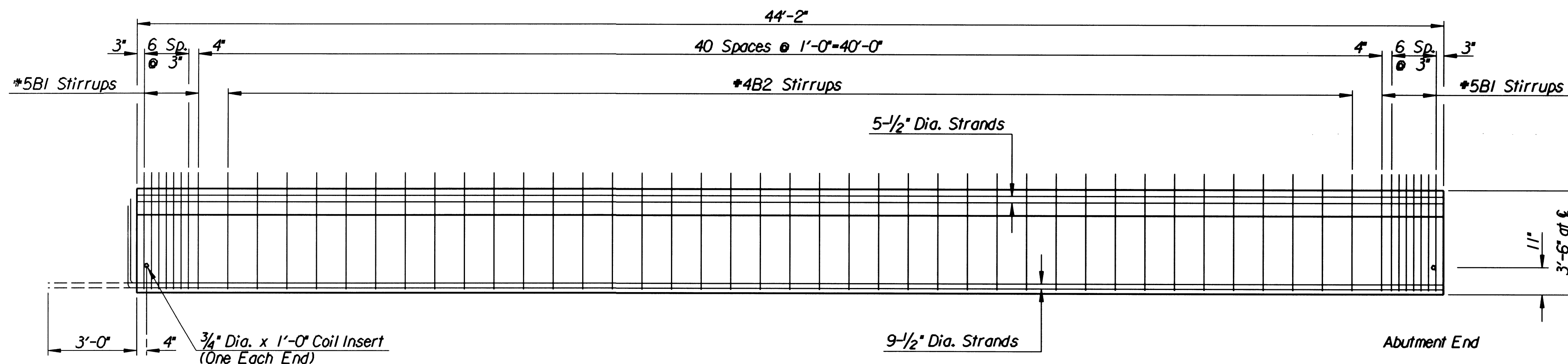
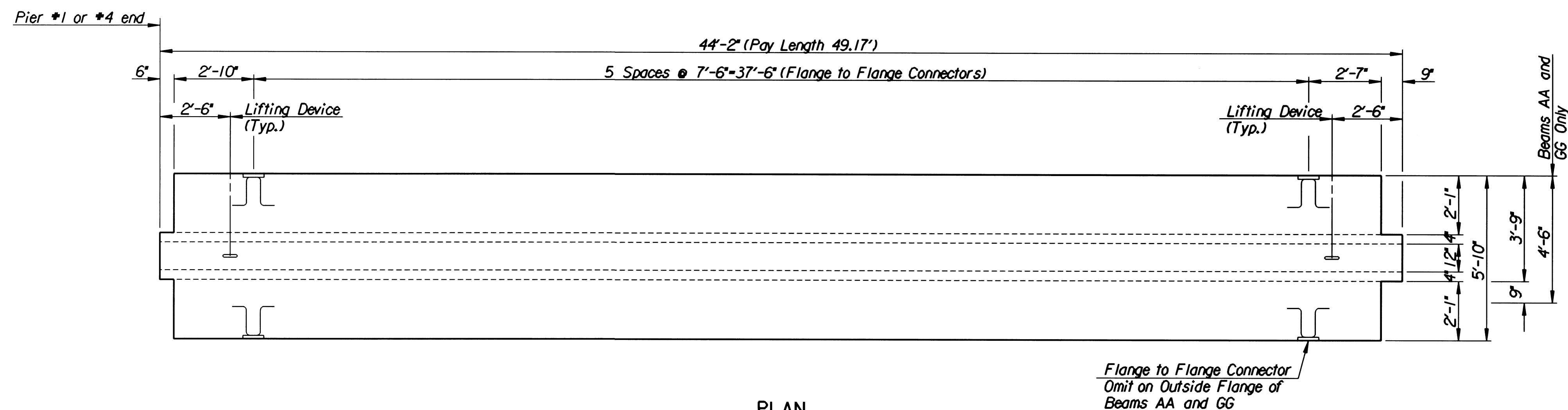




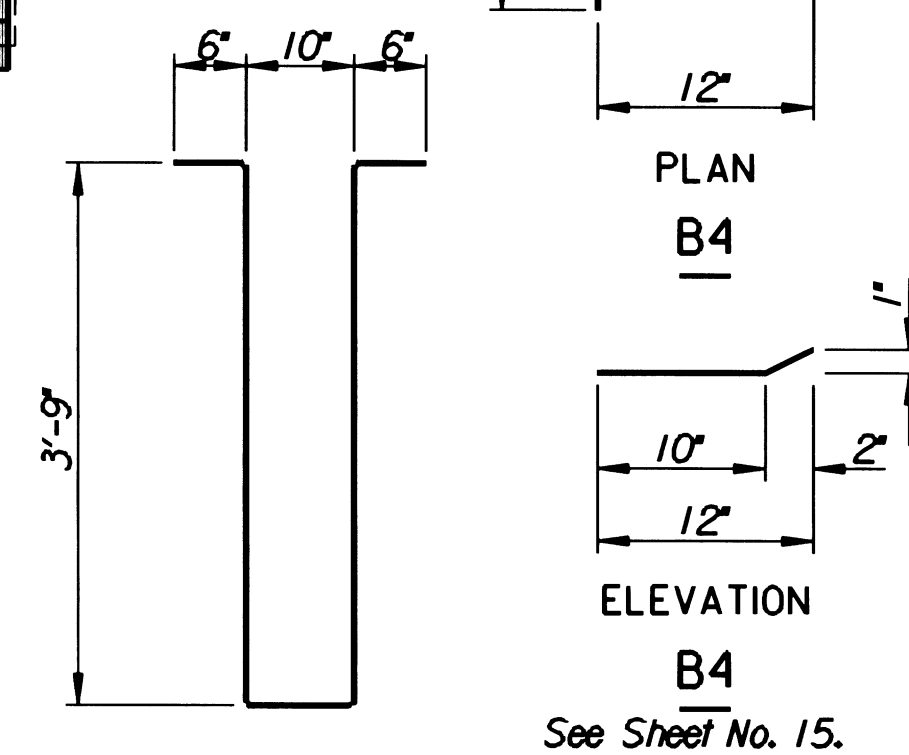
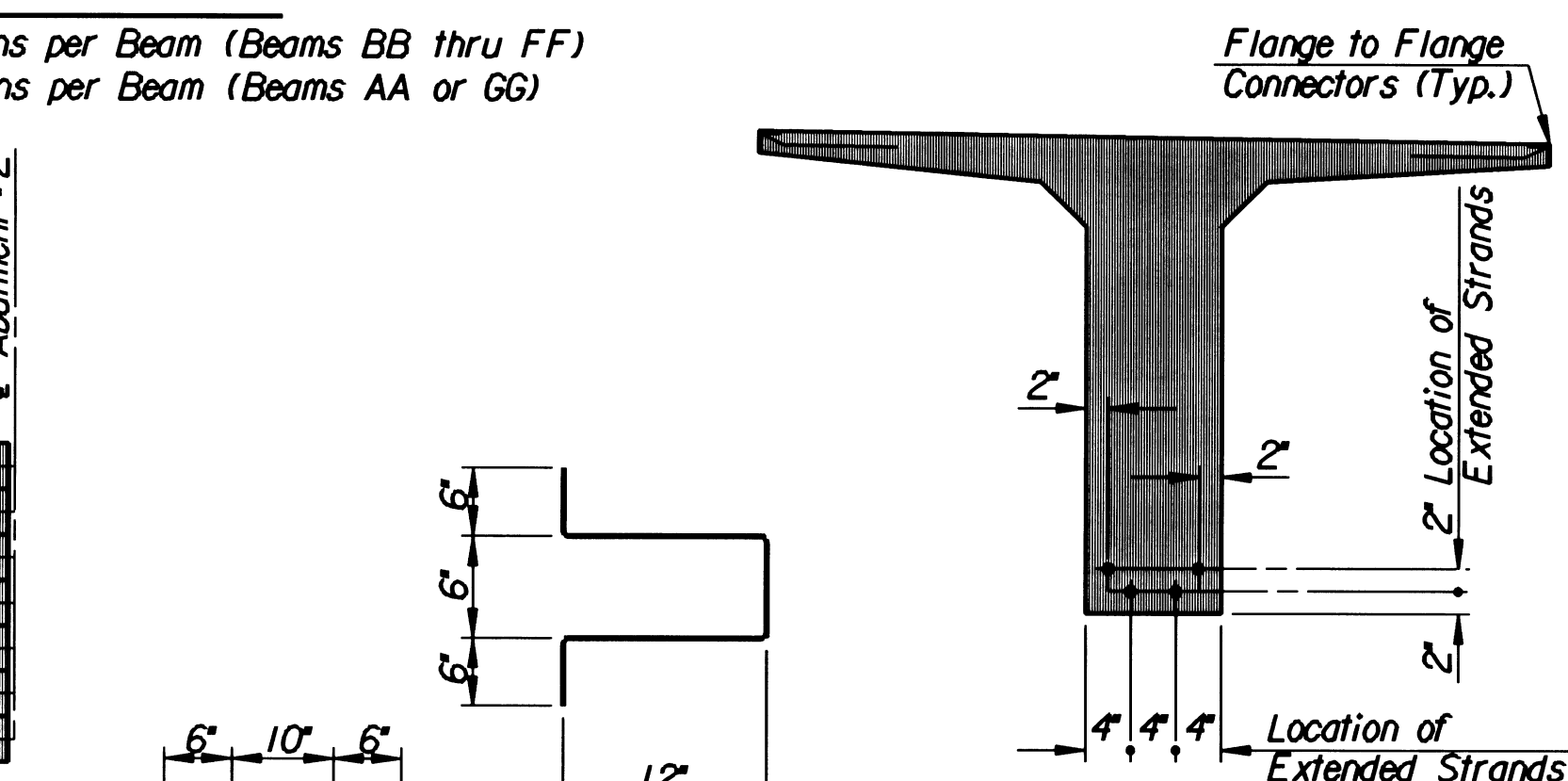
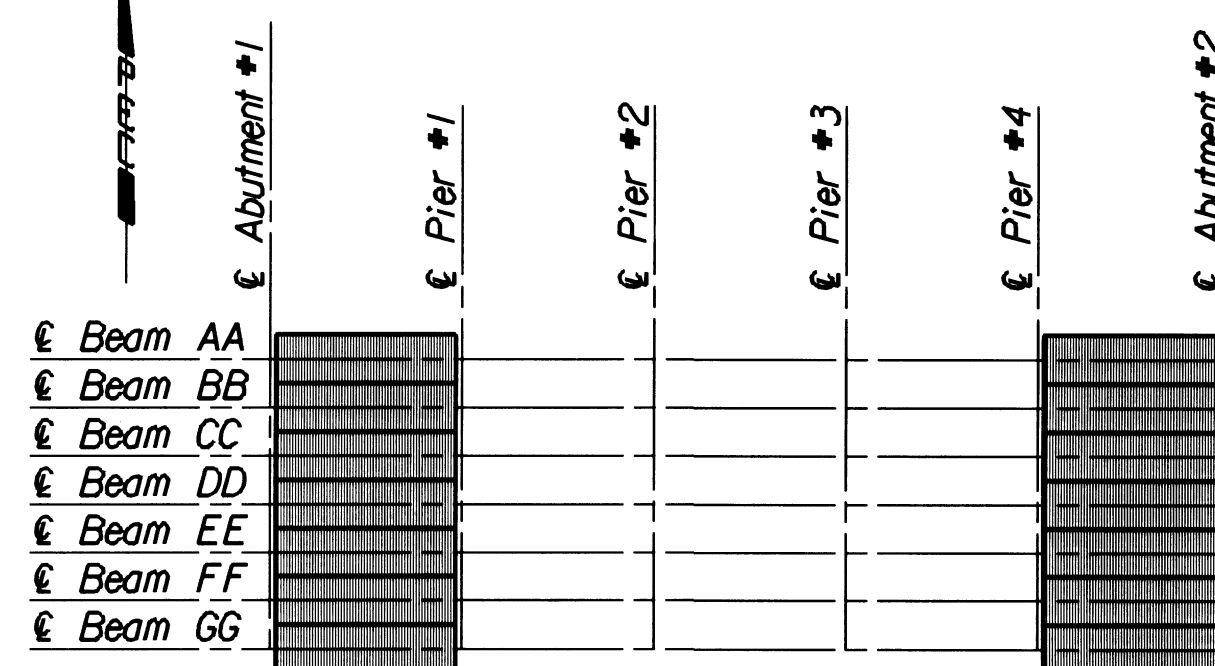
REINFORCING STEEL XX (ONE BEAM)			
Mark	No.	Size	Length
B1	16	#5	9'-4"
B2	39	#4	9'-4"
B4	X	#4	3'-6"
Strands	14	1/2" Dia.	
6"x6" Fabric	5'-10" Beam - 242 Sq. Ft.		
	4'-6" Beam - 185 Sq. Ft.		

X 6 for Beams AA and GG
12 for Beams BB, CC, DD, EE and FF.

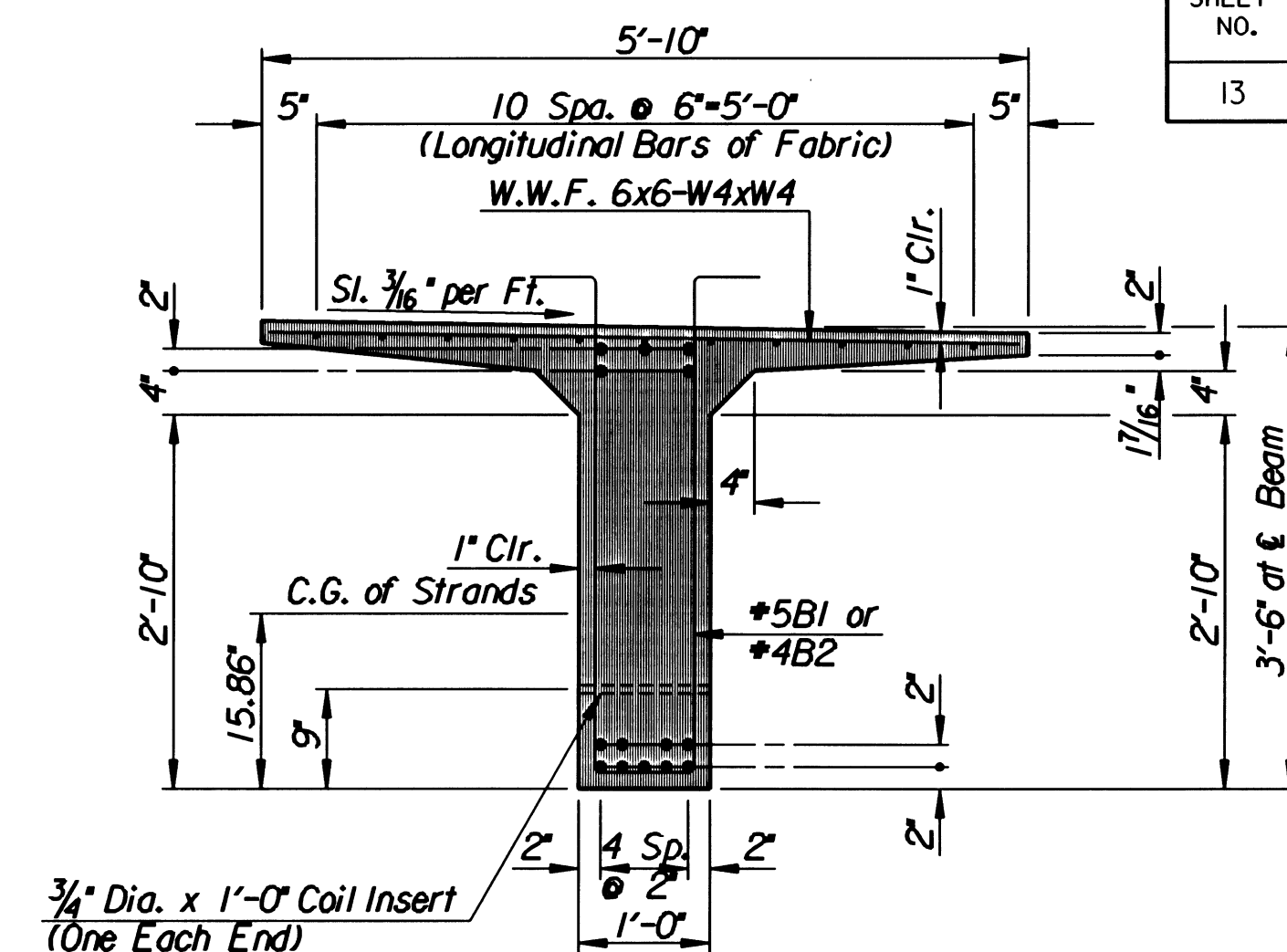
XX See Bending Diagrams

SUMMARY OF QUANTITIES (FOR 44'-2" BEAM)			
(For Information Only)			
Item	Unit	10-(5'-10" Beams)	4-(4'-6" Beams)
Concrete in Beams (f'c=5000 p.s.i.)	Cu. Yds.	79.2	29.9
Prestressing Steel A416 1/2" Dia. (Low Relaxation)	Lin. Ft.	6,183	2,473
Reinforcing Steel (Grade 60)	Lbs.	4,270	1,652
Elastomeric Bearing Pads (D60) (3/4"x8"x10 1/2")	Each	10	4
3/4" Open Coil Insert 6.0M	Each	20	8
Welded Wire Fabric	Sq. Ft.	2,420	740
3/4" Threaded Coil Rod x 9'	Each	40	16

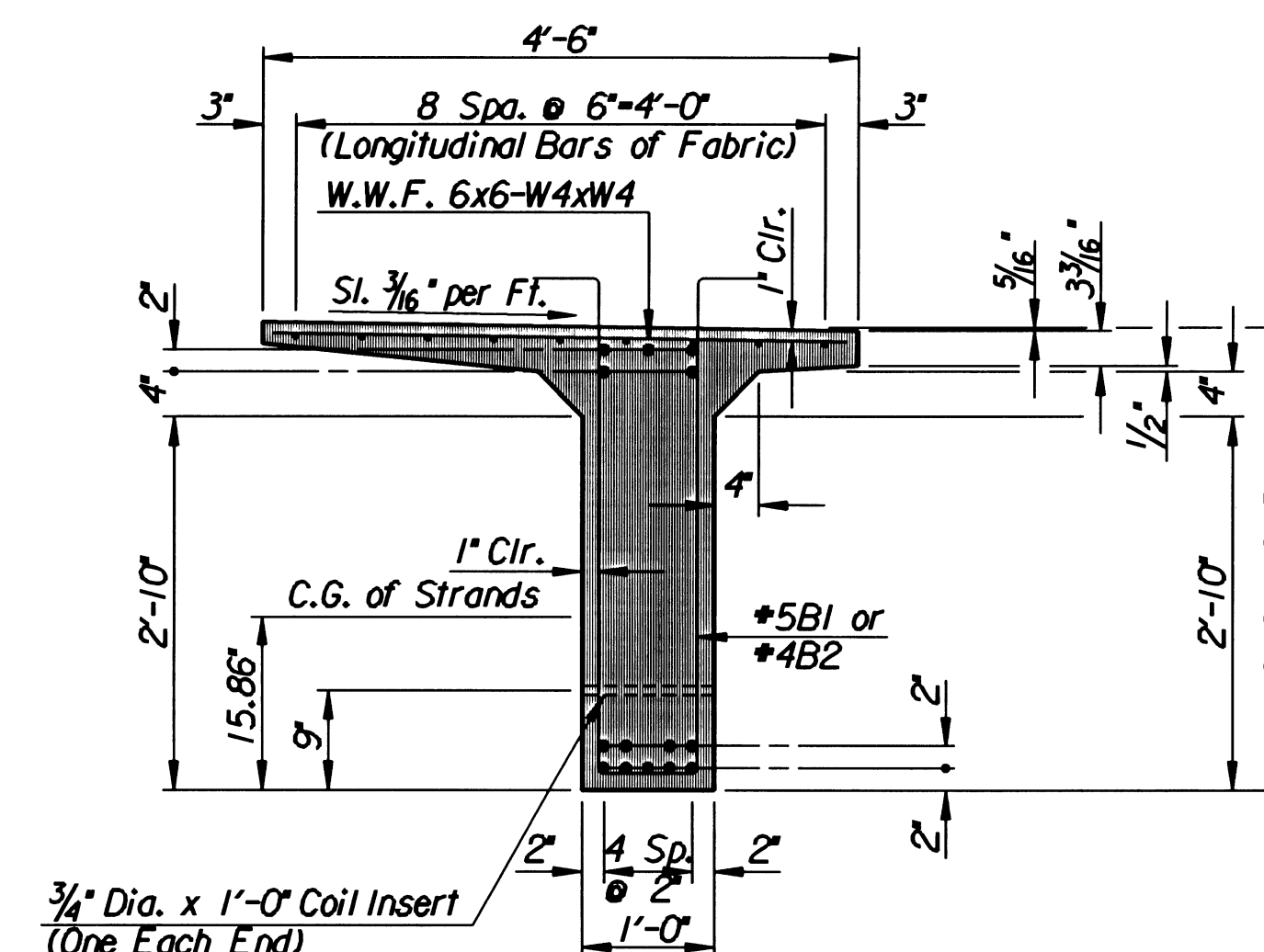
Subsidiary to Prestressed Concrete Beams
6.0M Designates 6000 Lbs. Safe Load in Tension.



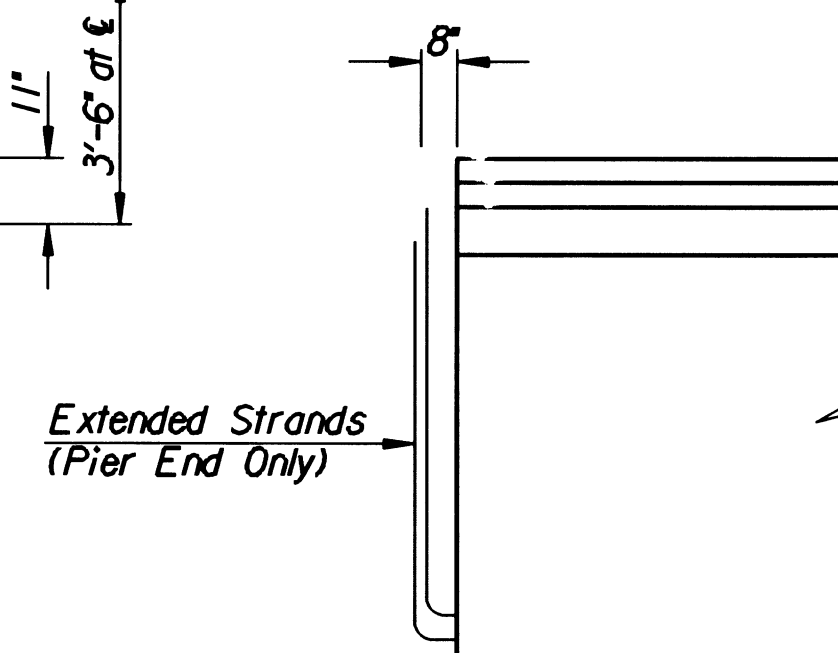
BENDING DIAGRAMS
Dimensions are out to out of bars



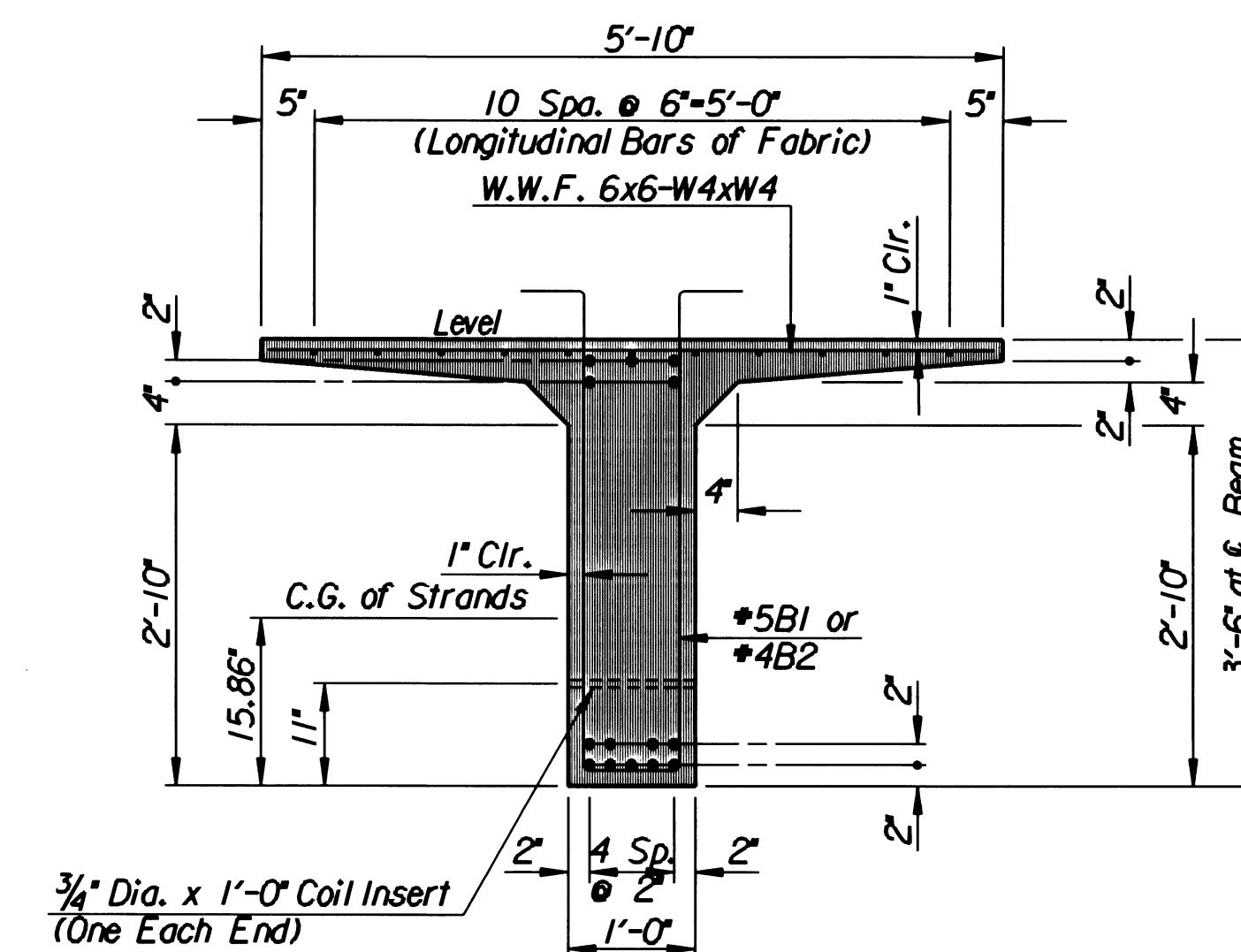
TYPICAL SECTION
(Beams BB, CC, EE and FF)
44'-2" Beam



TYPICAL SECTION
(Beams AA and GG)
44'-2" Beam



PART ELEVATION OF BEAM
(Showing Extended Strands)
Strands shall be bent on a 3" Dia. pin.



TYPICAL SECTION
(Beam DD)
44'-2" Beam

Revisions			
No.	Revisions	By	Date
CITY OF WICHITA, KANSAS MICHAEL E. LINDEBAK, P.E.-CITY ENGINEER MURDOCK BRIDGE OVER LITTLE ARKANSAS RIVER 44'-2" SINGLE T BEAM DETAILS CITY OF WICHITA PROJECT NO. 472-82785 PROFESSIONAL ENGINEERING CONSULTANTS, P.A. ENGINEERS WICHITA, KANSAS			
Designed by	R.W.A.	Checked by	R.A.S.
Drawn by	W.L.L.	Date	Oct. 1998
		Job No.	96940