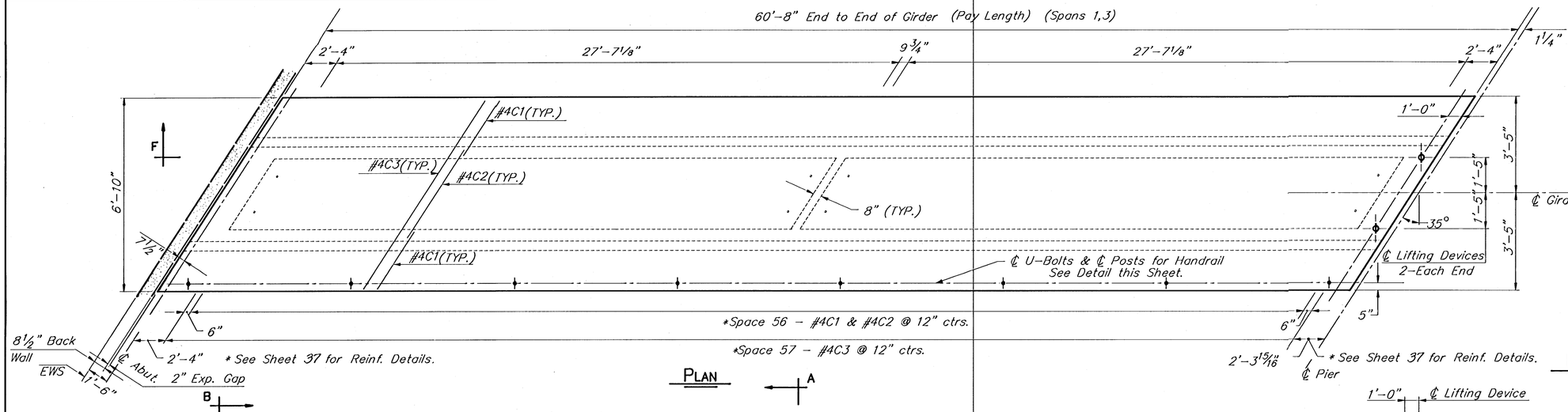
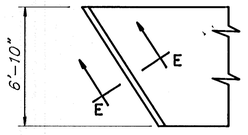
FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87U-1247-01	1992	35	79

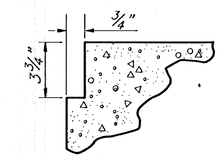
60'-8" End to End of Girder (Pay Length) (Spans 1,3)



PLAN

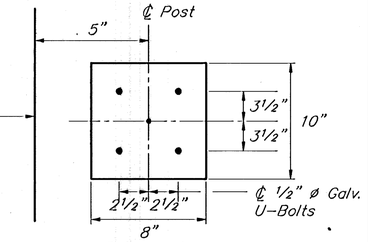


PLAN



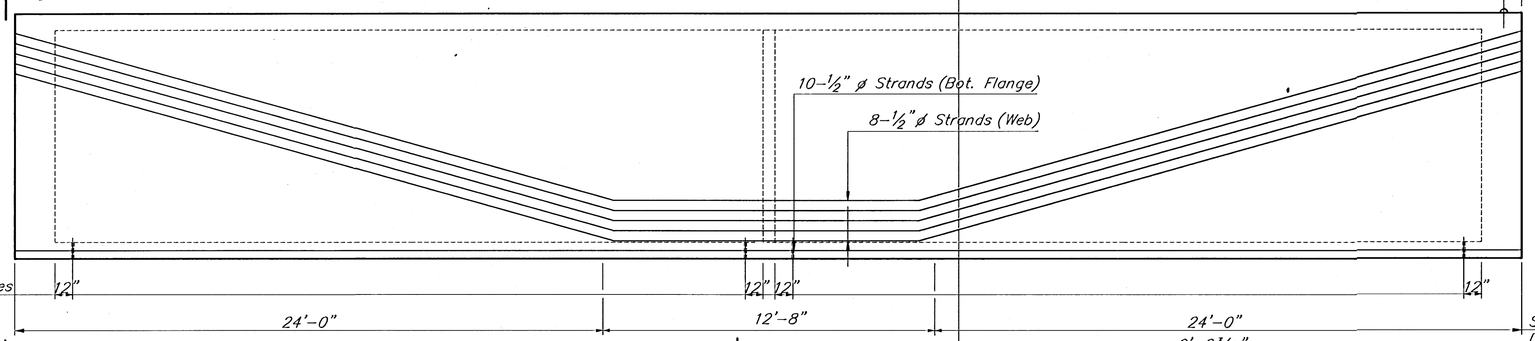
SECTION E-E

EXPANSION NOTCH (TYP. EA. END OF GIRDER)



DETAIL A

Plan View

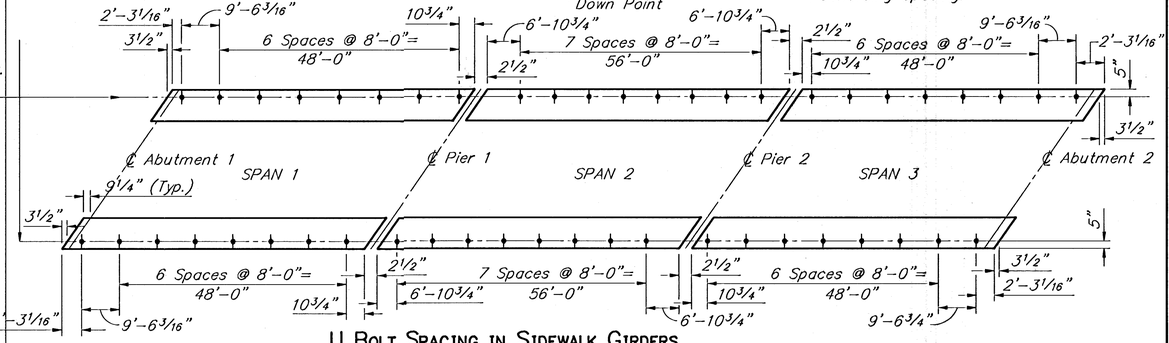


ELEVATION F-F

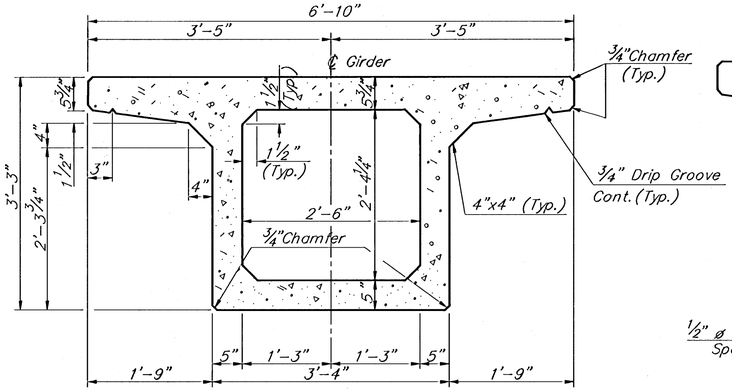
Approx. Wt.=34.4 Tons

℄ Post & ℄ U-Bolts
See Detail A this Sheet.

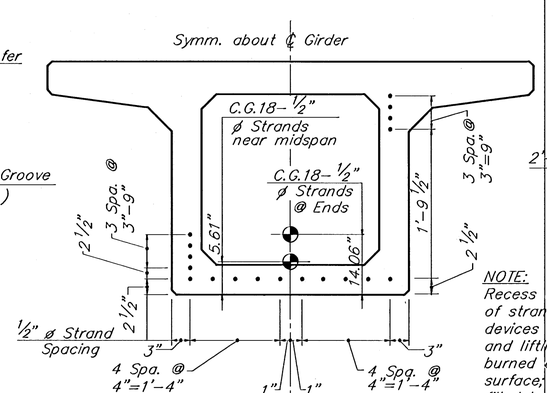
*NOTE: Adjust Spacing to Clear U-bolts. U-Bolt Spacing has priority over Reinforcing Spacing.



U BOLT SPACING IN SIDEWALK GIRDERS



TYPICAL SECTION



HALF SECTION A-A

NEAR MIDSPAN

HALF SECTION B-B

AT ENDS

NOTE:
Recess the bearing ends of strands and lifting devices so that the strands and lifting devices may be burned off 1/4" inside the surface; recesses shall be filled back flush with an approved adhesive grout.

SUMMARY OF QUANTITIES

Subsidiary to Prestressed Concrete Beams (Box-T)

ITEM	UNIT	QUANTITY
Prestressed Concrete Beam (Box-T)(60'-8") (4 Req'd.)	Lin. Ft.	242.67
Following Approx. Quantities are for information Only (Total 4 Beams)		
Concrete in the Beams (f'c=5,000 p.s.i.)	C.Y.	68
Prestressing Steel A416-1/2" ø (Low Lax).	Lin. Ft.	4,500
Reinforcing Steel (Gr. 60) (Epoxy Coated)	Lbs.	8,070
1/2" ø Galv. U-Bolts w/ nuts, washer	Ea.	64
1'-8"x0'-8"x1" Bearing Pad (Duro. 60)	Ea.	16

See Sheet 24 for Notes.
See Sheet 37 for Reinforcing Details.
See Sheet 34 for Girder Layout.
See Sheet 42 for U Bolt Detail.

CITY OF WICHITA

GEORGE WASHINGTON BLVD. BRIDGE OVER GYPSUM CREEK

SIDEWALK GIRDER DETAILS I

CITY OF WICHITA PROJ. NO.: 472-82156

Booker ASSOCIATES INC. OF KANSAS
Wichita Kansas

SCALE | DATE June, 1992 | DWG. NO. K9331

SURV. | PLOT CADD | DES. R.G./A.H. | DR. G.B./E.K. | TR. | CKD. R.G. | APP. S.K.B.

\K9331BR\SWKGDET1
1"=4'