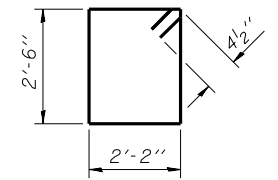
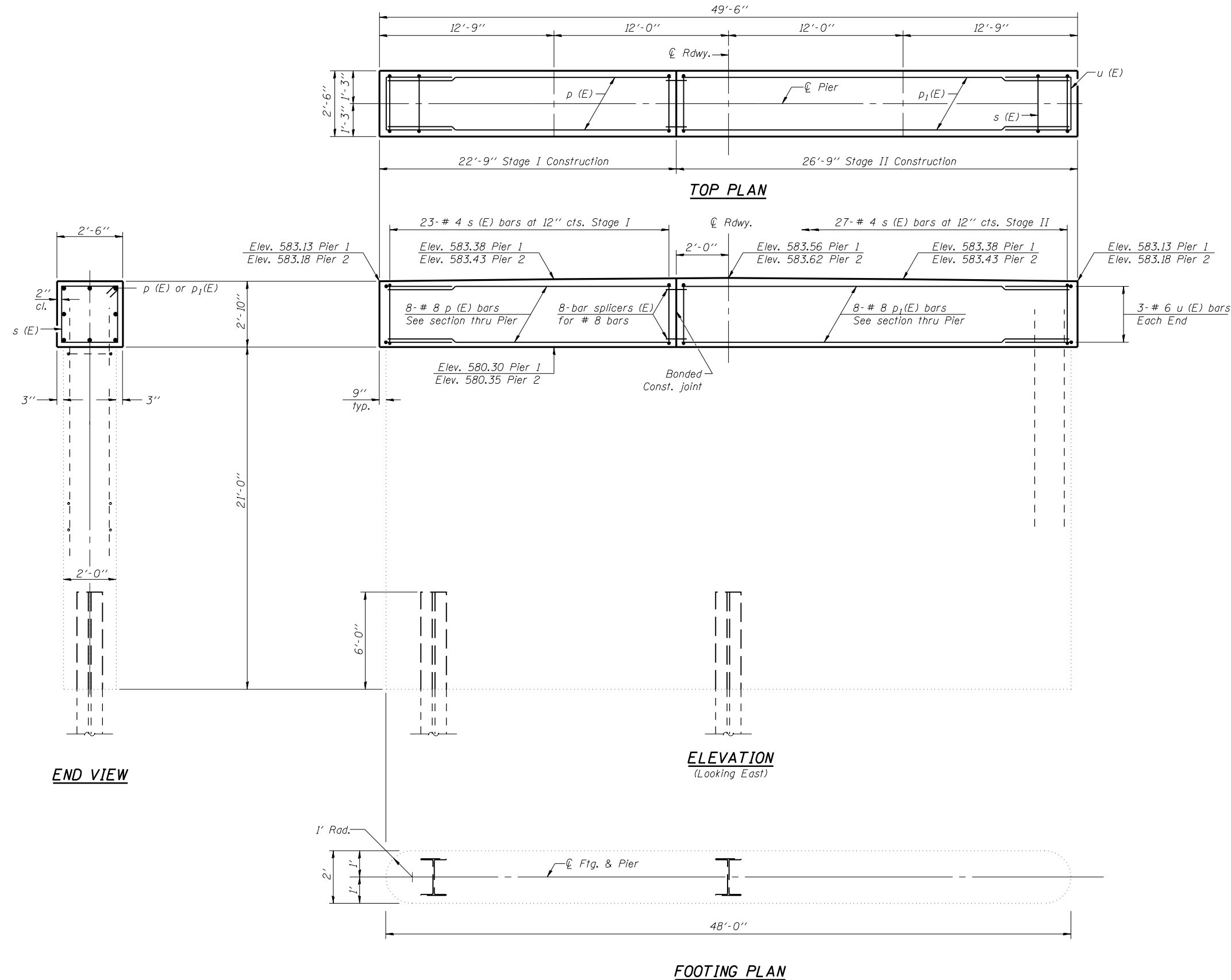
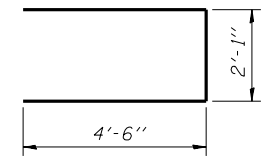


ROUTE NO.	SECTION	COUNTY	SHEETS	SHEET
F.A.P. 753	142 BR-4	SANGAMON	24	23
FED. ROAD DIST. NO. 7	ILLINOIS		FED. AID PROJECT	

Notes:  
Space reinforcement in cap to miss anchor bolts.



BAR s (E)



BARS u (E)

**BILL OF MATERIAL**

Two Piers

Bar	No.	Size	Length	Shape	
p (E)	16	#8	21'-9"	—	
p <sub>1</sub> (E)	16	#8	25'-9"	—	
s (E)	100	#4	10'-1"	□	
u (E)	12	#6	11'-1"	⊏	
Concrete Structures				Cu. Yd.	28.0
Reinforcement Bars, Epoxy Coated				Pound	2910
Bar Splicers				Each	16

**K+** K-Plus Engineering, Ltd.  
753 WINDSOR ROAD  
CHARLESTON, IL 61920  
(217) 348-1900  
WWW.K-PLUSENGINEERING.LTD.COM  
ILLINOIS DEPARTMENT OF PROFESSIONAL REGULATION REGISTRATION #184-003685

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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<b>PIER DETAILS</b> IL RTE. 104 OVER HORSE CREEK FAP 753 - SECTION 142BR-4 SANGAMON COUNTY STA 989+90.00 SN 084-0176

DATE: 08-01-07 DRAWN BY: ADG CHECKED BY: DF