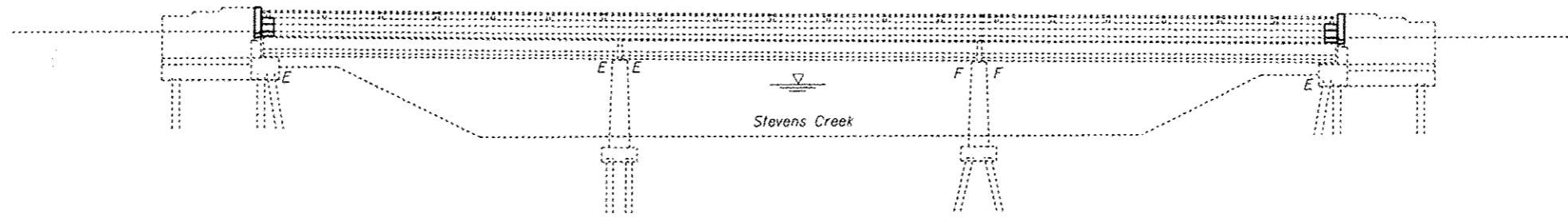
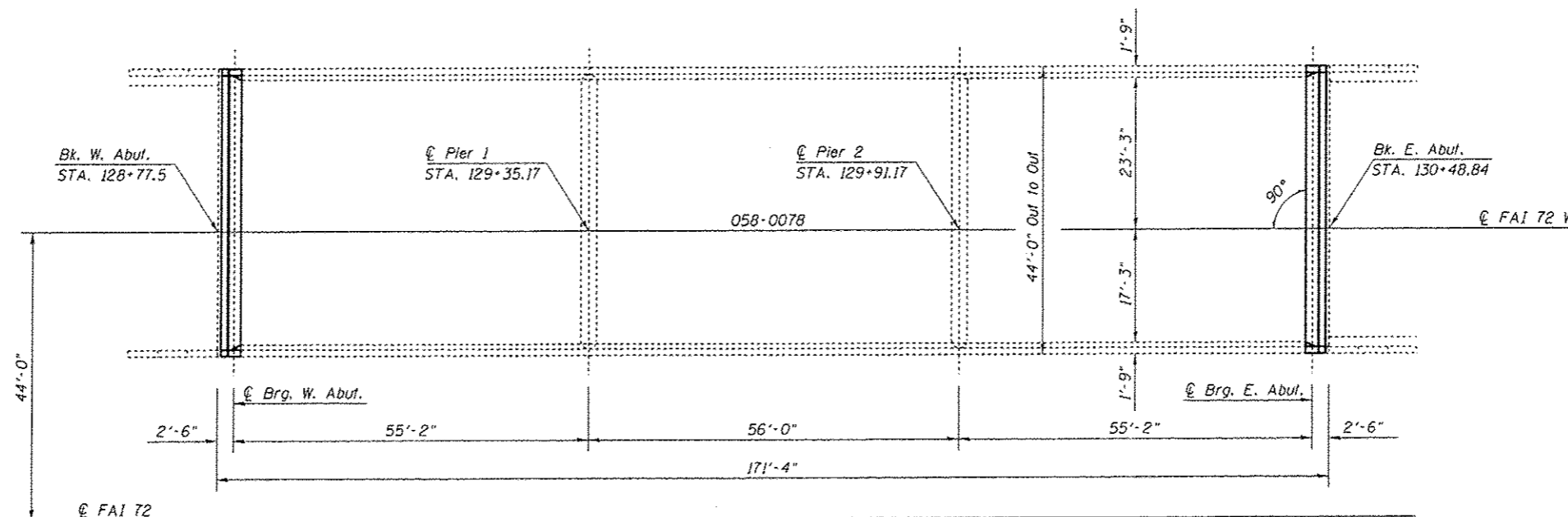


The existing three span PPC-I Beam structures were constructed in 1974 as FAI-72 section 58-64-B at Sta. 129+65.00. SN. 058-0077 carries FAI-72 (Interstate 72 Eastbound), SN. 058-0078 carries FAI-72 (Interstate 72 Westbound). The proposed project consists of new expansion joints.



ELEVATION



EXISTING DESIGN STRESSES

- $f'_c = 1,200$ psi (Deck)
- $f'_c = 1,400$ psi (Curb, Parapet, Sub)
- $f'_s = 20,000$ psi (Reinf.)
- $f'_s = 20,000$ psi (STRUCT.)
- $V_c = 75$ psi (Figs)
- $n = 10$



David Carl Puzey 11/21/12
Expires 11/30/14

PLAN

FILE NAME: c:\pwork\work\101dot\teasleyck\081005470\74591-shr-brpln-1-05800770078.dgn	USER NAME: teasleyck	DESIGNED - DFZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN & ELEVATION SN. 058-0077 (EB) & 058-0078 (WB)		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLLOT SCALE: 48:8000 / in.	PLLOT DATE: 12/29/2012	CHECKED - KLB	REVISED -		SCALE: SHEET 8 OF 15 SHEETS	STA. TO STA.	07 BRIDGE REPAIRS 2013-3	MACON	28	21	
		DATE: 7/23/12	REVISED -				FAI 72, FAU 7354		CONTRACT NO. 74591		
							ILLINOIS FED. AID PROJECT				