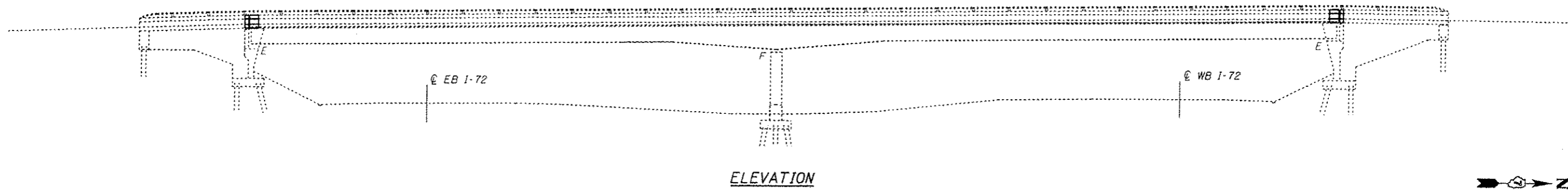
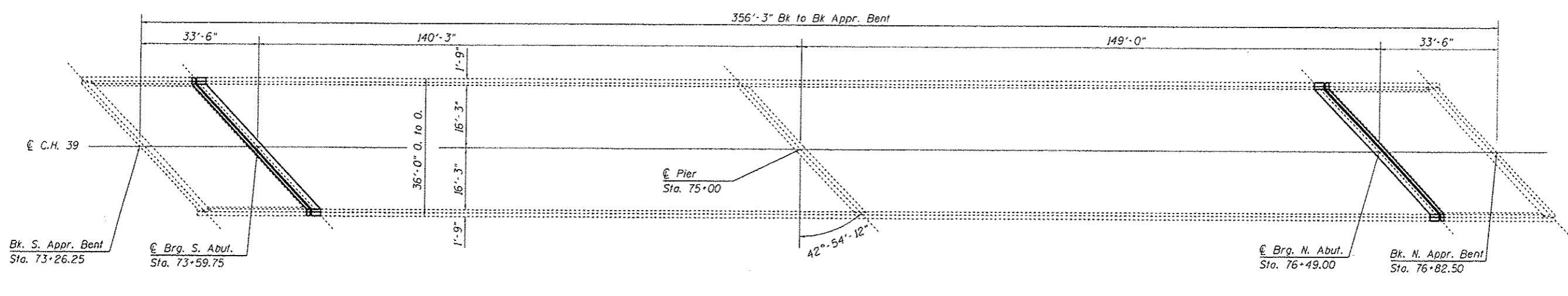


The existing two span continuous steel multi-beam structure with two vaulted abutments was constructed in 1976 as FAI 72 section 58-62-IHB-1 at FAI 72 Sta. 707+13.05. SH. 058-0073 carries CH 39 over FAI 72. The proposed project consists of new expansion joints.



ELEVATION



PLAN

EXISTING DESIGN STRESSES
 $f'_c = 1,200$ psi (Deck Slab)
 $f'_c = 1,400$ psi (Curb, Parapet, Sub)
 $f'_s = 20,000$ psi (Reinf. M183)
 $f'_s = 27,000$ psi (M222)
 $V_c = 75$ psi (Figs)
 $n = 10$



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

FILE NAME : c:\pwworkspace\stealeyck\d0387638\07	USER NAME : stealeyck	DESIGNED - DFZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN & ELEVATION SN 058-0073		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	4591-shl-br-plnprf-0580073.dgn	DRAWN - DFZ	REVISED -		SCALE: SHEET 1 OF 15 SHEETS STA. TO STA.		07 BRIDGE REPAIRS 2013-3	MACON	28	14	
Default	PLOT SCALE = 40.0000' / in.	CHECKED - KLB	REVISED -				FAI 72, FAU 7354	CONTRACT NO. 74591		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 10/29/2012	DATE - 7/23/12	REVISED -								