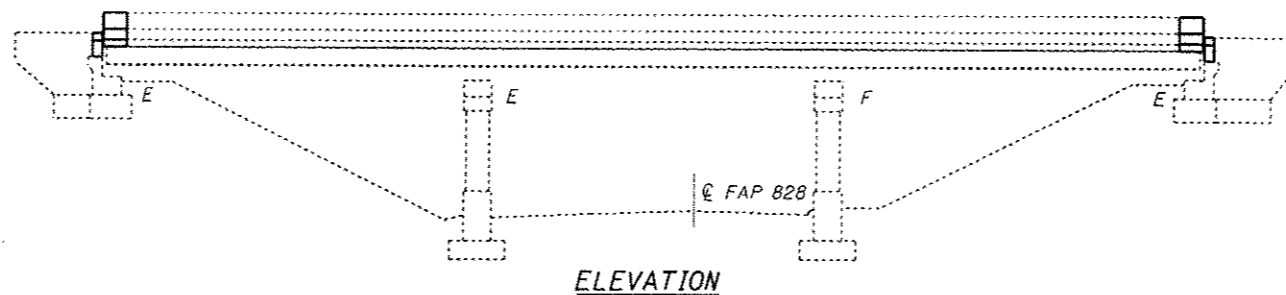
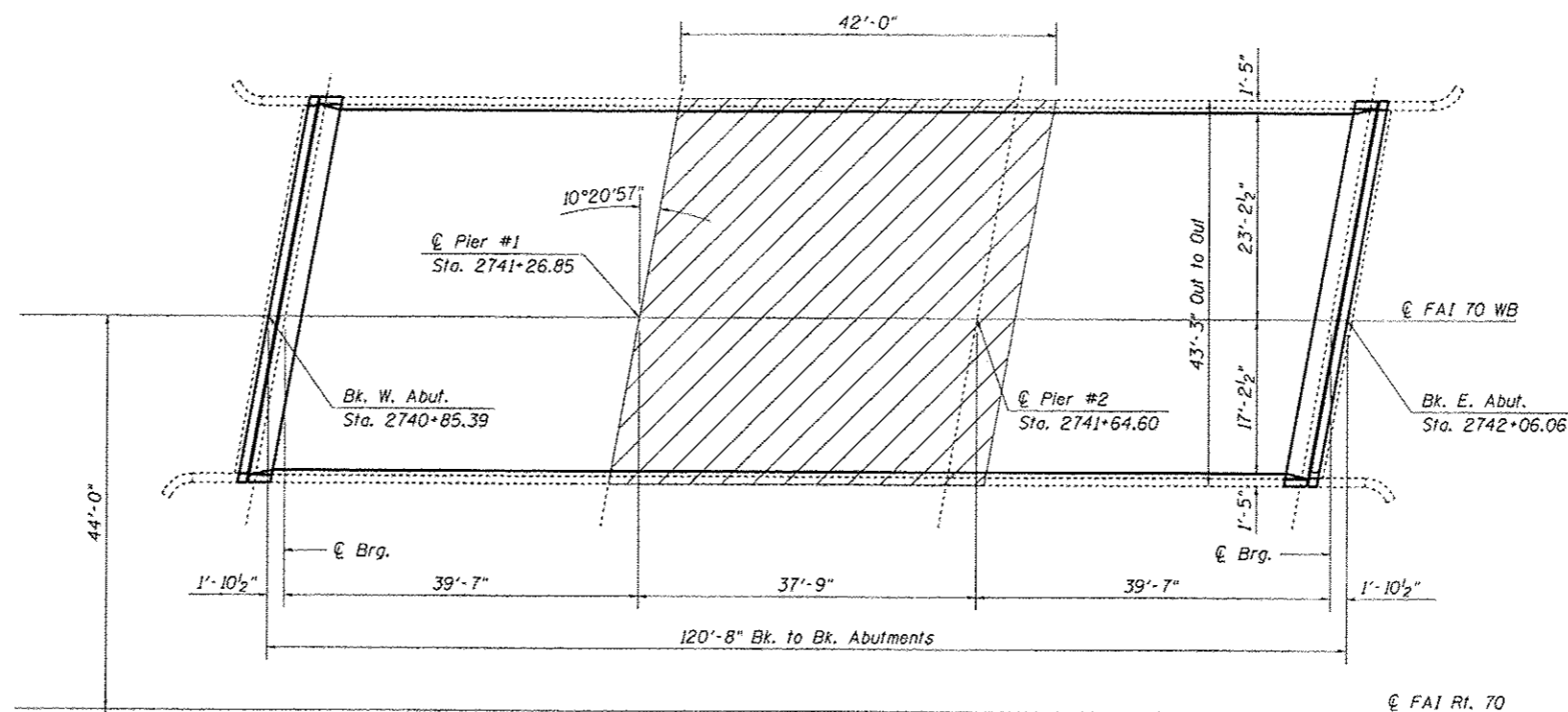


The existing three span continuous steel multi-beam dual structures were constructed in 1960 as FAI-70 section 25-5HB-5 at Sta. 2741+37.68, SN. 025-0016 carries FAI-70 (Interstate 70 Eastbound). SN. 025-0017 carries FAI-70 (Interstate 70 Westbound). The proposed project consists of new expansion joints, new elastomeric bearings, full depth deck repair and new concrete wearing surface.



ELEVATION

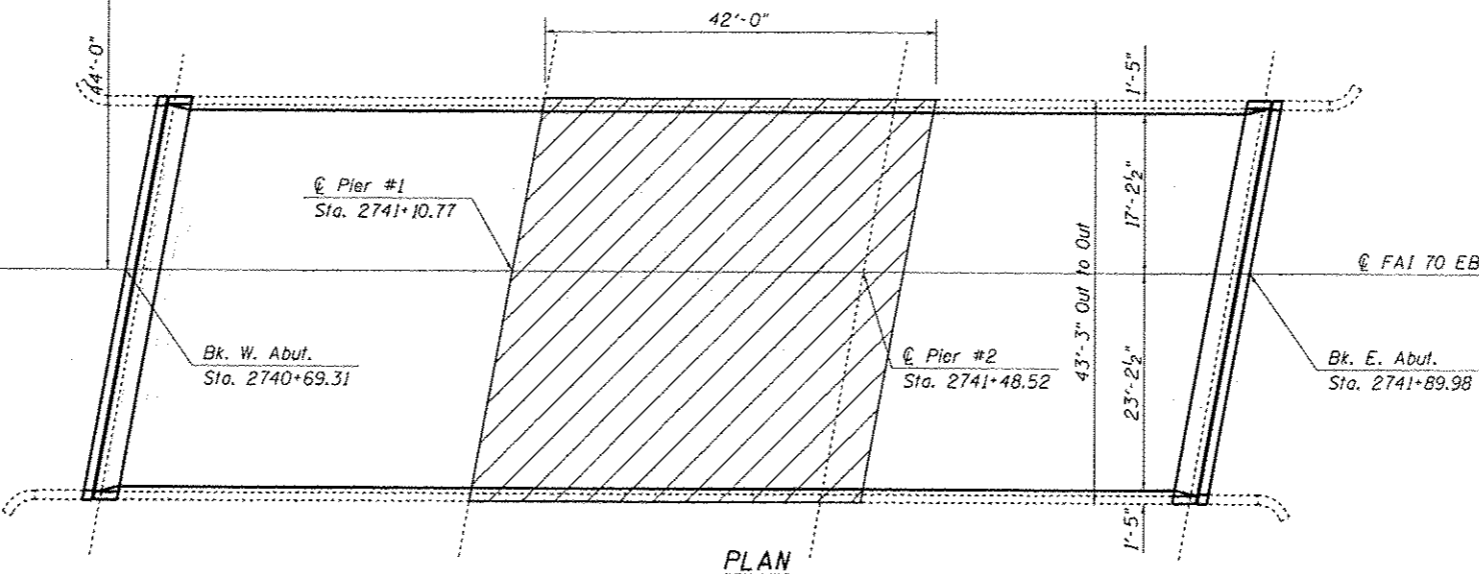


DESIGN STRESSES
 $f_c = 1400$ psi.
 $f_s = 20,000$ psi. (Reinf.)
 $f_s = 18,000$ psi. (Struct.)
 $vc = 75$ psi. (Footings)
 $n = 10$



Dr. Carl Puzey 11/20/12
 Expires 11/30/14

LIMITS OF PROTECTIVE SHIELD



PLAN

FILE NAME	USER NAME = staffenak	DESIGNED - KLB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN & ELEVATION		* 07 BRIDGE REPAIRS 2013-1		
74589-shs-brp1npr-f-825081617.dgn	74589-shs-brp1npr-f-825081617.dgn	DRAWN - KLB	REVISED -		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLT1 SCALE = 48.0000' / in.	CHECKED - MEA	REVISED -		TO		EFFINGHAM	33	21
	PLT1 DATE = 10/23/2012	DATE - 07/12/12	REVISED -		SCALE: N/A	SHEET 1	OF 13 SHEETS	STA.	TO STA.
							CONTRACT NO. 74589		ILLINOIS FED. AID PROJECT