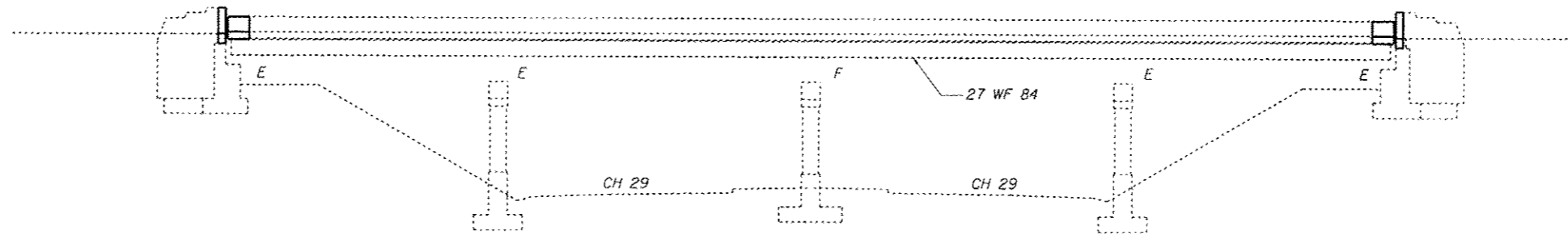
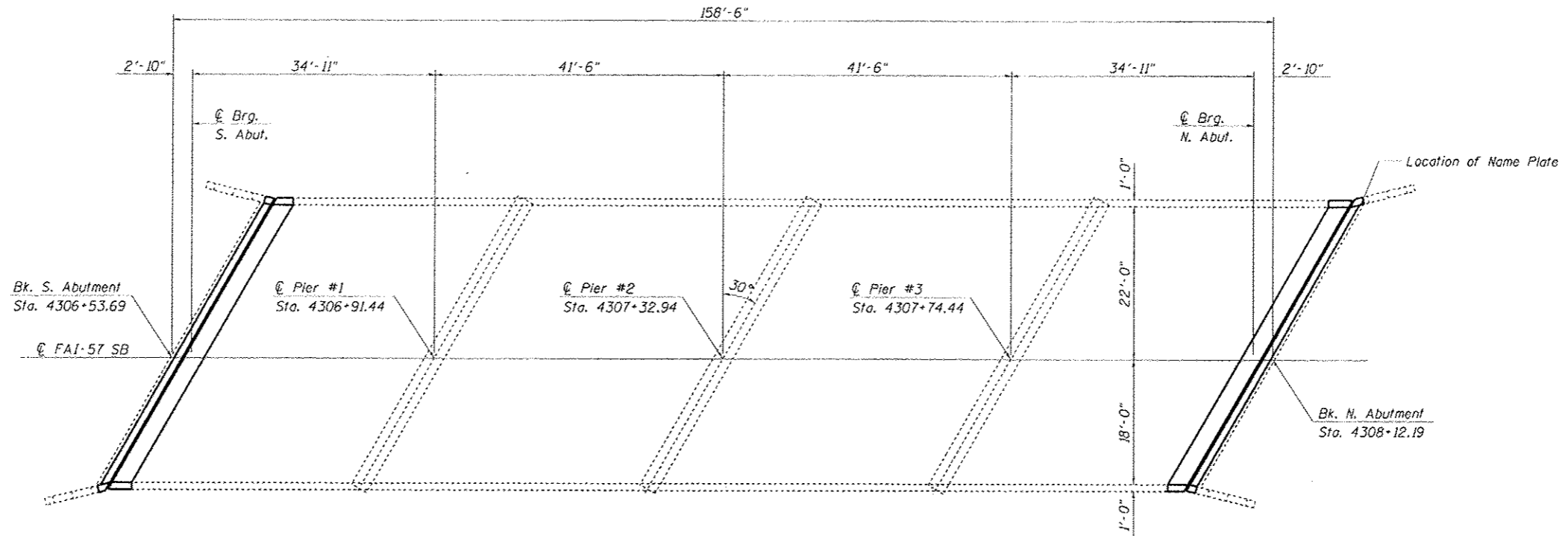


The existing four span continuous steel multi-beam structure was constructed in 1969 as FAI-57 section 25-6HB-2 at Sta. 4307+05.80. SN. 025-0070 carries FAI-57 (Interstate 57 Southbound). The proposed project consists of new expansion joints, new elastomeric bearings and new deck drains.



ELEVATION



PLAN



David Carl Puzey 2/21/13
Expires 11/30/14

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

NEW DESIGN STRESSES
 $f_c = 3500$ psi. (Concrete)
 $f_y = 60,000$ psi. (Reinf.)
 $f_y = 36,000$ psi. (Structural Steel)

Loading: HS 20-44 and Alternate

• 125-6-1HRS-8 & 113-1HRS-2
 • EFFINGHAM & CLAY COUNTIES

FILE NAME : c:\pwork\p10101\10101\10101\10101\10101.dgn	USER NAME : seasjgok	DESIGNED : KLB	REVISED : -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN & ELEVATION SN. 025-0070 (SB)		F.A.I. RTE. 57	SECTION -	COUNTY -	TOTAL SHEETS 84	SHEET NO. 68	
		DRAWN : KLB	REVISED : -		SCALE:	SHEET NO. 12 OF 22 SHEETS	STA.	TO STA.	CONTRACT NO. 74450			
		CHECKED : MEA	REVISED : -		ILLINOIS FED. AID PROJECT							
		DATE : 05/31/12	REVISED : -									