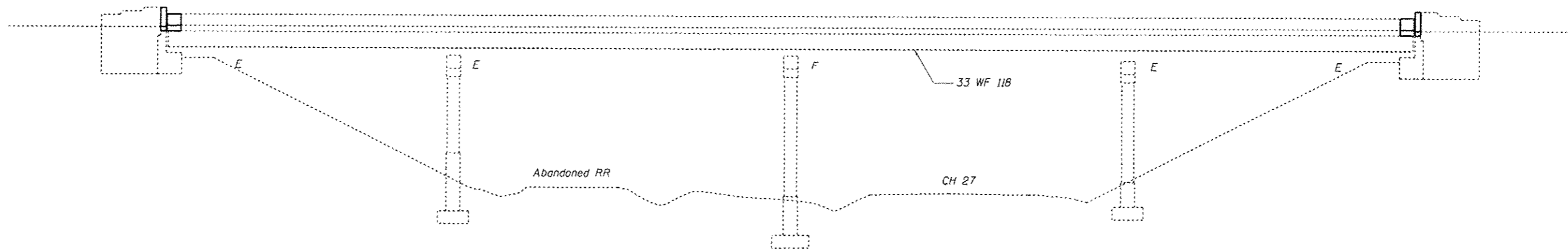
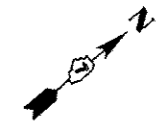
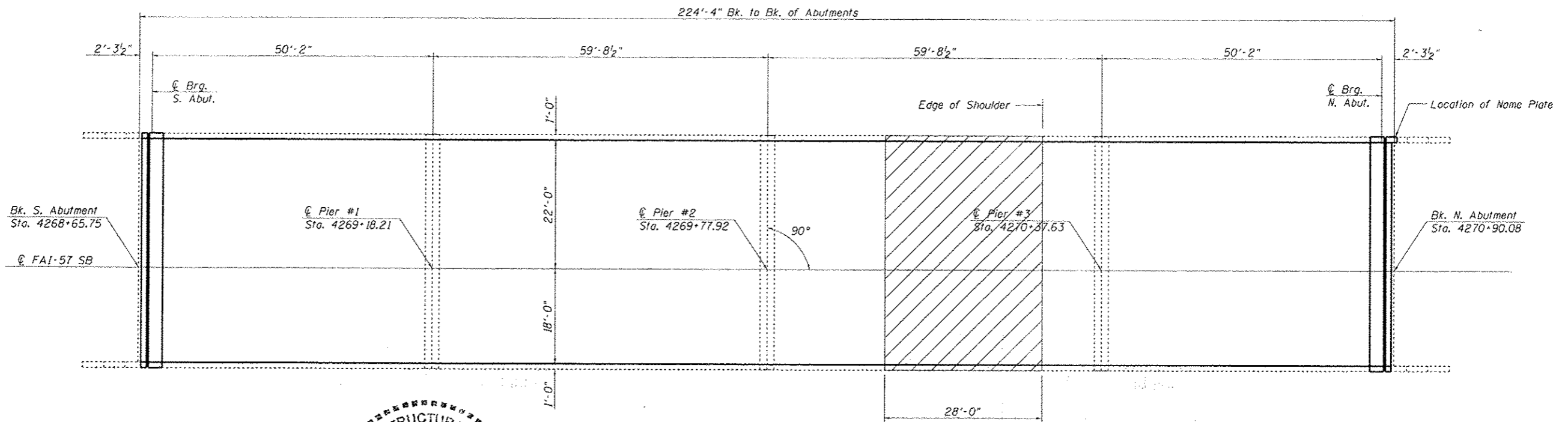


The existing four span continuous steel multi-beam structure was constructed in 1969 as FAI-57 section 25-6HVB-1 at Sta. 4269+39.34. SN. 025-0068 carries FAI-57 (Interstate 57 Southbound). The proposed project consists of new expansion joints, new elastomeric bearings, full depth deck repair, new concrete wearing surface, and new deck drains.



ELEVATION



PLAN

LIMITS OF PROTECTIVE SHIELD



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

EXISTING DESIGN STRESSES	NEW DESIGN STRESSES
$f_c = 1400$ psi. (Super. & Sub.)	$f_c = 3500$ psi. (Concrete)
$f_s = 20,000$ psi. (Reinf.)	$f_y = 60,000$ psi. (Reinf.)
$f_s = 20,000$ psi. (Struct. XA-36)	$f_y = 36,000$ psi. (Structural Steel)
$v_c = 75$ psi. (Ftgs.)	
$n = 10$	

Loading: HS 20-44 and Alternate

• (25-6-1)RS-B & (13-1)RS-2
 ** EFFINGHAM & CLAY COUNTIES

FILE NAME: c:\work\p101\teoslayck\d0181558\077450-ehf-br-pln-f-0250068.dgn	USER NAME: teoslayck	DESIGNED: KLB	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN & ELEVATION SN. 025-0068 (SB)		F.A.I. RTE. 57	SECTION	COUNTY	TOTAL SHEETS 84	SHEET NO. 57
PLT SCALE: 1/8" = 1'-0"	CHECKED: MEA	REVISED: -	CONTRACT NO. 74450								
PLT DATE: 10/16/2012	DATE: 05/31/12	REVISED: -	SCALE: SHEET NO. 1 OF 22 SHEETS STA. TO STA.								
			ILLINOIS FED. AID PROJECT								