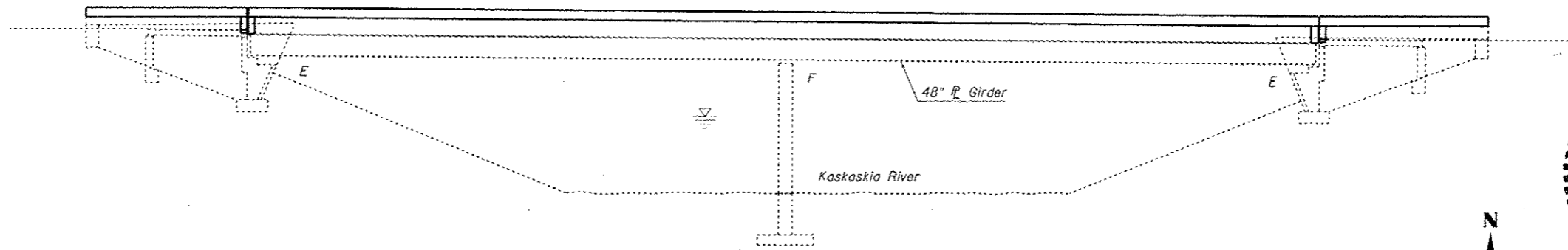


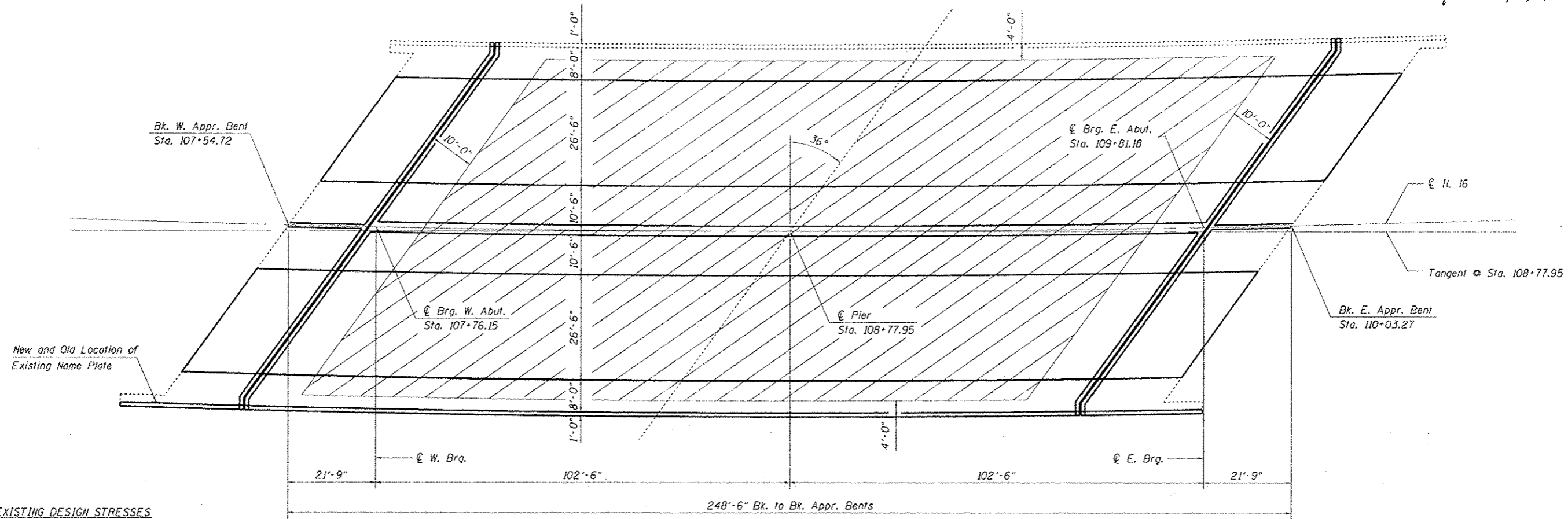
The existing two span continuous multi-beam structure with two vaulted abutments was constructed in 1972 as section 11B-1 of Sta. 108+77.95. SN. 087-0020 carries FAP 325 (IL 16) over the Kaskaskia River. The proposed project consists of new expansion joints, full depth deck repair, curb repair, new deck drains, closure of the longitudinal joint, new concrete wearing surface, new bridge rail on north parapet and modification to the south parapet.



ELEVATION



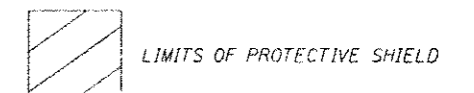
David Carl Puze 4/26/13
Expires 11/30/14



PLAN

EXISTING DESIGN STRESSES

- $f_c = 1200$ psi. Deck Slab
- $f_c = 1400$ psi. Curb, Parapet, Sub.
- $f_s = 20,000$ psi. Reinf.
- $f_s = 27,000$ psi. Struct.
- $v_c = 75$ psi. Footings
- $n = 10$



FILE NAME: c:\pwworkspace\staff\carlpuz\1087795.dwg	USER NAME: staffcarlpuz	DESIGNED: KLB	REVISED:	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN AND ELEVATION SN. 087-0020	F.A.P. RTE. 325	SECTION 11B-11BR	COUNTY SHELBY	TOTAL SHEETS 32	SHEET NO. 16
PLT SCALE: 48.0000	PLT DATE: 3/28/2013	DRAWN: KLB	REVISIONS:			CONTRACT NO. 74615	(ILLINOIS) FED. AID PROJECT			
CHECKED: MEA	DATE: 10/31/2012	DATE:				SCALE: SHEET 1 OF 17 SHEETS STA. TO STA.				