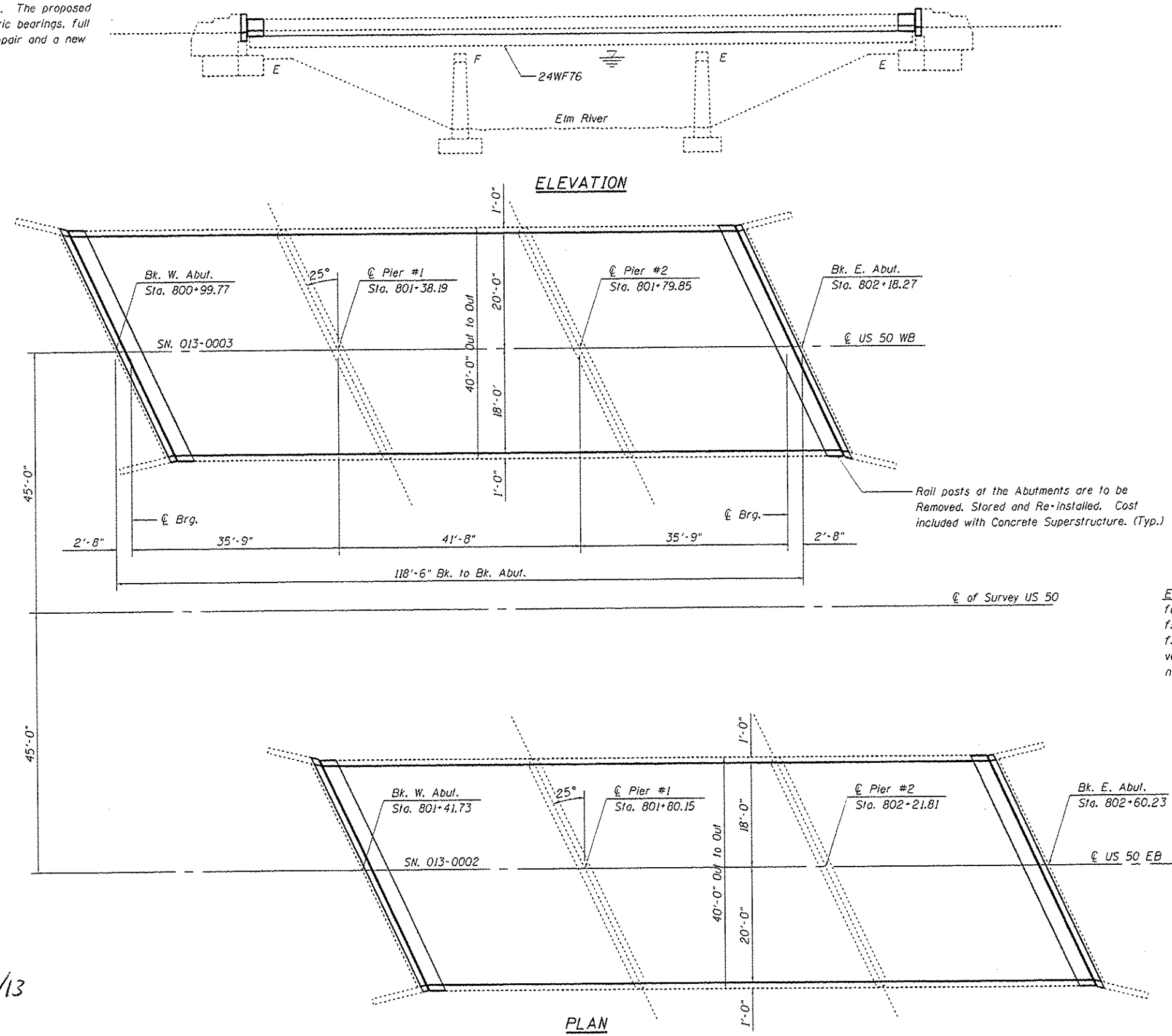
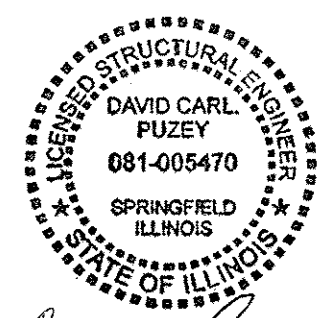


The existing three span continuous steel multi-beam dual structures were constructed in 1965 as FAP 13 section 8, 2B at Sta. 801+80. SN. 013-0002 carries FAP 327 (US 50 Eastbound) and SN. 013-0003 carries FAP 327 (US 50 Westbound) over the Elm River. The proposed project consists of new expansion joints, new elastomeric bearings, full depth deck repair, new deck drains, formed concrete repair and a new concrete wearing surface.



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



David Carl Puzey 5/10/13
Expires 11/30/14

FILE NAME :	USER NAME : staf/annh	DESIGNED - KLB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN AND ELEVATION SN. 013-0002 (EB) & 013-0003 (WB)		F.A.P. RTE. 327	SECTION *	COUNTY CLAY	TOTAL SHEETS 49	SHEET NO. 35	
or:\p\work\staf\stef\annh\10312827.dwg	4680-ant-br-dlgnr-f-013080283.dgn	DRAWN - KLB	REVISED -		SCALE: N/A	SHEET 1	OF 15 SHEETS	STA.	TO STA.	CONTRACT NO. 74600		
Default	PLD" SCALE = 40.0000' / 1" in.	CHECKED - MEA	REVISED -		ILLINOIS FED. AID PROJECT							
	PLD" DATE = 3/29/2013	DATE - 08/23/12	REVISED -									

07 Bridge Repairs 2014-1