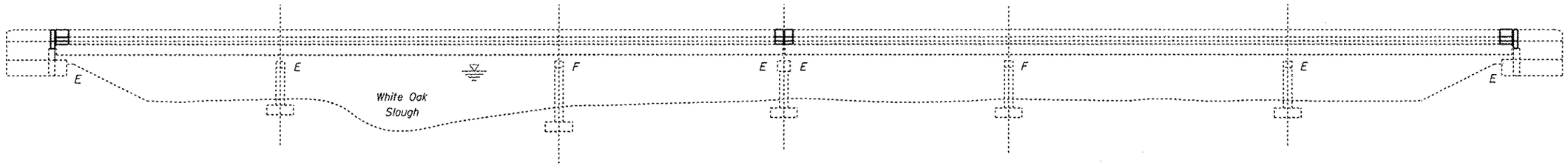
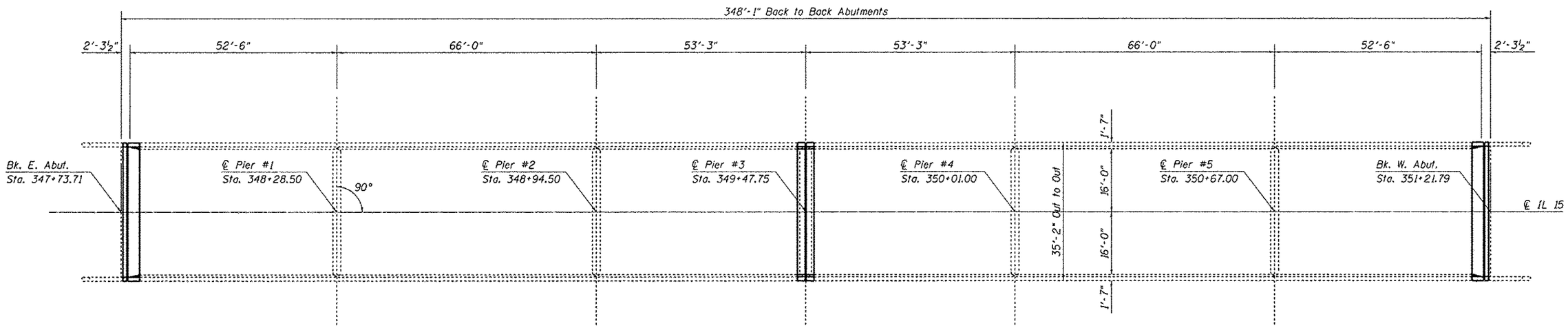
The existing six span continuous steel multi-beam structure was constructued in 1982 as FA-823 section 22-BR-3 at Sta. 348+61.5. SN. 096-0061 carries FAP 823 (IL 15) over the White Oak Slough. The proposed project consists of new expansion joints and new elastomeric bearings.



ELEVATION



PLAN

LICENSED STRUCTURAL ENGINEER
DAVID CARL PUZEY
081-005470
SPRINGFIELD
ILLINOIS
STATE OF ILLINOIS

D. Carl Puzey 1/23/14
Expires 11/30/14

EXISTING DESIGN STRESSES

fc = 3,500 p.s.i. (Super)
fc = 1,400 p.s.i. (Sub.)
fy = 60,000 p.s.i. (Reinf. Super)
fy = 50,000 p.s.i. (M-223, Gr. 50)
fs = 24,000 p.s.i. (Reinf. Sub.)
n = 9 (for composite)

FILE NAME = c:\pw_work\pwidot\staffenmk\d0340630\D774618-sht-brplnprf-096GGOGI.dgn	USER NAME = staffenmk	DESIGNED - KLB	REVISED -
		DRAWN - 06/25/2013	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - MEA	REVISED -
Defaults	PLOT DATE = 12/6/2013	DATE - 08/13/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
SN. 096-0061

SCALE: N/A | SHEET 25 OF 35 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
823	D7 BRIDGE REPAIRS 2014-3	WAYNE	60	46
		CONTRACT NO. 74618		
		ILLINOIS FED. AID PROJECT		