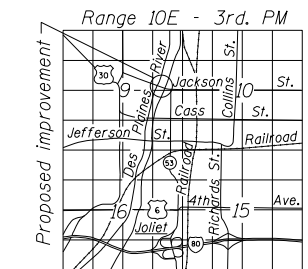
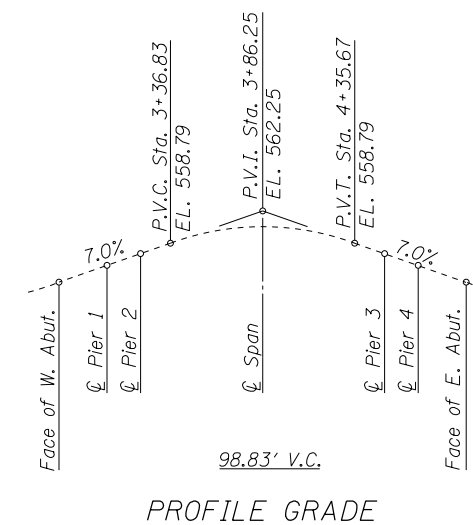
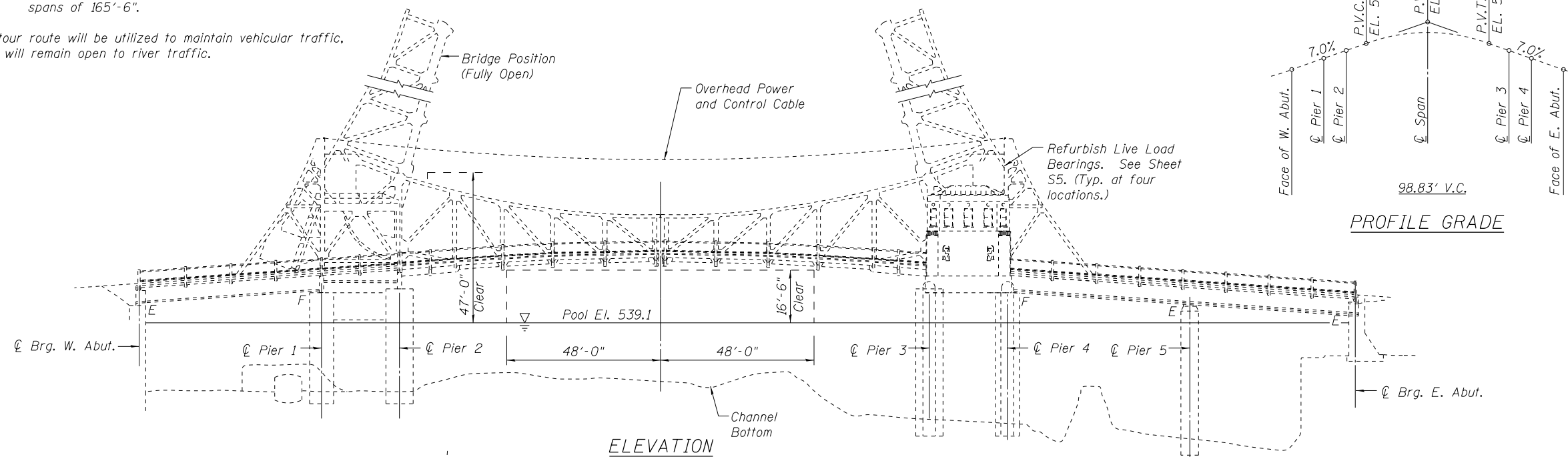


Bench Mark: Brass plug in concrete wall (M.S.L. El. 544.026)
 Station 134+12.61 BR Right Bank.
 (N.G.V.D. EL. = 543.589)

Existing Structure: S.N. 099-0239 was originally constructed in 1932 to carry Jackson Street over the Des Plaines River and reconstructed in 1985. The structure is a Scherzer Rolling Lift Bascule Bridge with a main moveable span and five fixed approach spans of 165'-6".

An assigned detour route will be utilized to maintain vehicular traffic, but the channel will remain open to river traffic.

No Salvage.



LOCATION SKETCH

SCOPE OF WORK

1. Refurbish live load bearings.
2. Repair steel grid deck. See Sheet S5.
3. Remove and replace batten plates on west leaf of both trusses. See Sheet S4.

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications for Highway Bridges (17th Edition)

1988 AASHTO Standard Specifications for Movable Bridges (5th Edition)

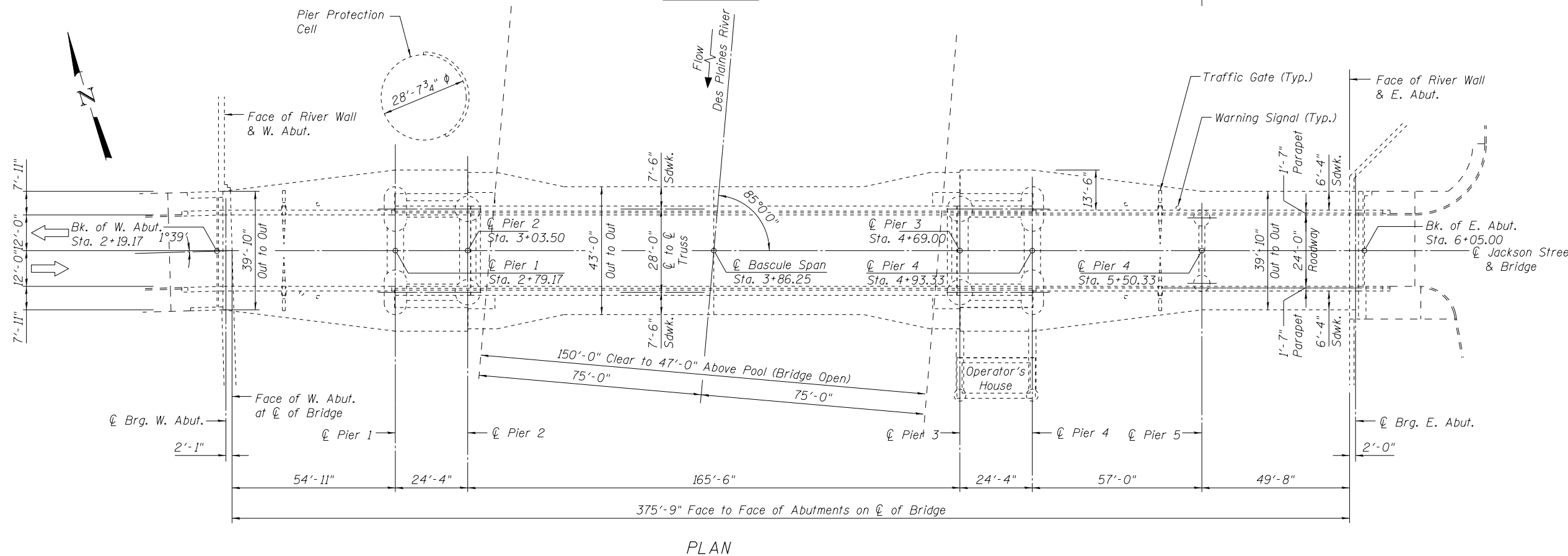
LOADING HS20-44

DESIGN STRESSES

FIELD UNITS
 $f_y = 36,000$ psi (structural steel)



COLLINS ENGINEERS, INC.
 JAMES M. HAMELKA
 NO. 81-6116
 EXPIRES 11-30-2012



PLAN

FILE NAME =	USER NAME =	DESIGNED - AMS	REVISOR -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN AND ELEVATION JACKSON STREET OVER DES PLAINES RIVER STRUCTURE NO. 099-0239	F.A.U. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		CHECKED - JMH	REVISOR -			297	2011-065-BR	WILL	33	23	
		DRAWN - PRH	REVISOR -			CONTRACT NO. 60P84					
		CHECKED - AMS	REVISOR -			ILLINOIS FED. AID PROJECT					