

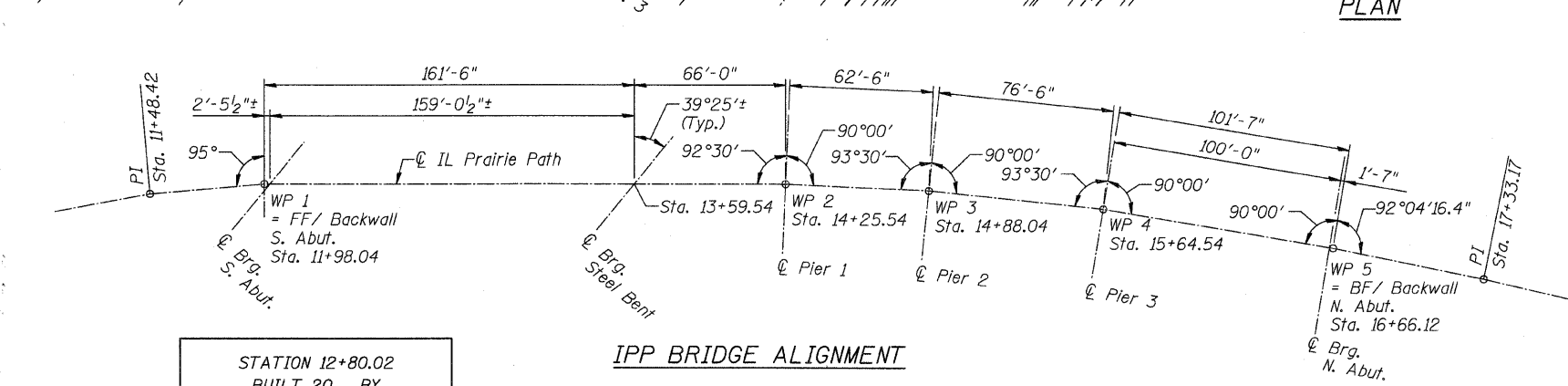
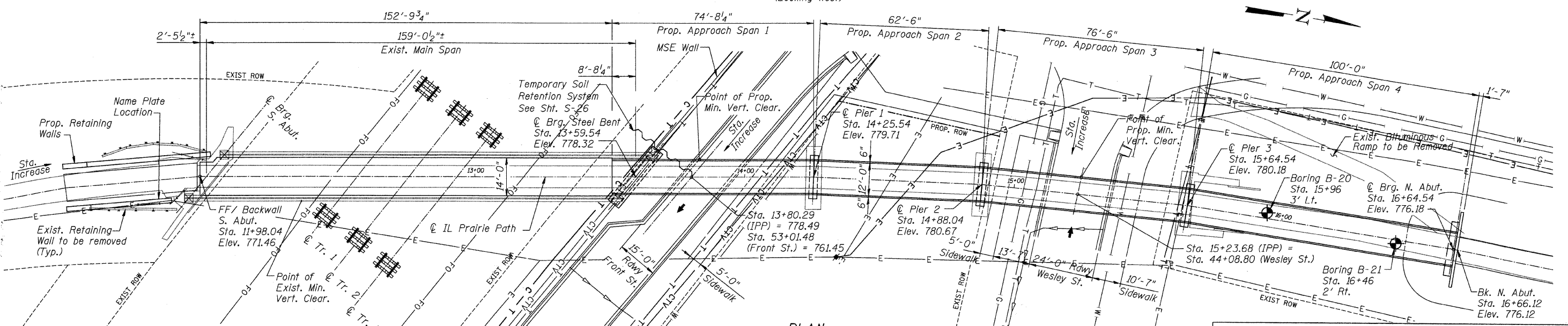
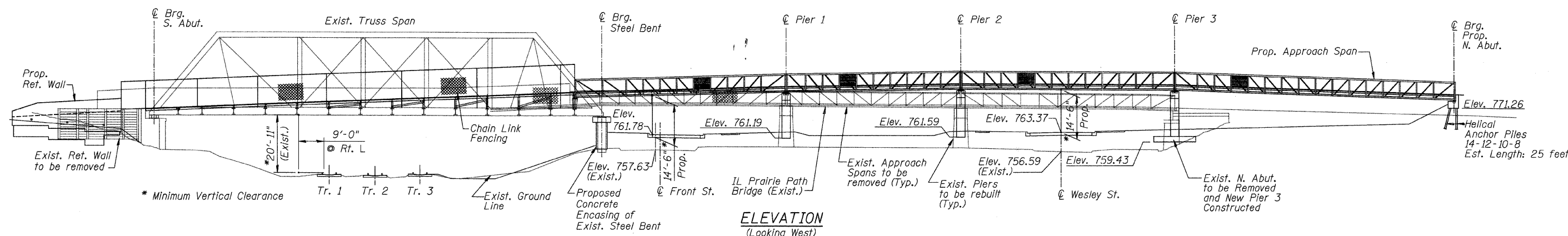
Benchmark: Cut on southwestern corner of concrete bridge abutment of Illinois Prairie Path Bridge over U.P.R.R., Elev. 741.47.

Existing Structure: 4-span bicycle and pedestrian bridge, appr. 369.5 feet, Bk-Bk of Abutments. The bridge consists of a through-truss main span (159'-0 1/2" ± @ Brg.-@ Brg., 13'-11" face-face fencing, 39°25' skew, appr. 100 years old) and three welded steel through-truss approach spans (66'-0", 62'-4", 76'-10", 7'-6" face-face fencing, erected in the early 1980's). Timber deck systems are included on both the approach spans and main span. The substructure includes two closed concrete abutments, two solid stem concrete piers and a steel bent between the main span and the approach spans.

Proposed Structure: SN 022-3005 5-span pedestrian bridge. Contractor shall remove deck of main span, demolish existing approach spans and partially remove select substructure as indicated in the Plans. Existing main span is to remain and will include a new timber deck. Four new approach spans are to be constructed of prefabricated steel truss with concrete deck. The bridge shall remain closed during construction.

Salvage: None.

FISCAL YEAR	COUNTY	COUNTY HIGHWAY	TOTAL SHEETS	SHEET NO.
2007	DUPAGE	•	241	138
CONTRACT NUMBER 83908				
SECTION 97-00084-00-BR				
• FAU 3549/ FAU 1432				



STATION 12+80.02  
BUILT 20\_\_ BY  
STATE OF ILLINOIS  
IL PRAIRIE PATH  
SEC. 97-00084-00-BR  
LOADING H10  
STR. NO. 022-3005

**NAME PLATE**  
(See Std. 515001)

**IPP BRIDGE ALIGNMENT**

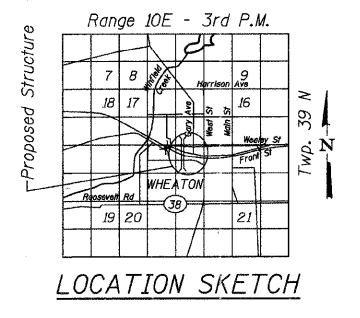
**DESIGN STRESSES**

FIELD UNITS  
f'c = 3,500 psi (Substructure)  
f'c = 4,000 psi (Deck)  
fy = 60,000 psi (reinforcement)  
fy = 50,000 psi (structural steel)

**DESIGN SPECIFICATIONS**

AASHTO Guide Specifications for  
Design of Pedestrian Bridges-1997  
**LOADING H-10**  
LL = 85 psf

**NOTES:**  
1. For Index of Sheets, see Sht. IPP-2.



I certify that to the best of my knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current "AASHTO Standard Specifications for Highway Bridges".



*Barry S. Kravitz*  
Licensed Structural Engineer  
(Illinois Structural Engineer's Seal)

MY LICENSE EXPIRES NOV 30 2010

CITY OF WHEATON		
ILLINOIS PRAIRIE PATH BRIDGE OVER UNION PACIFIC RAILROAD, FRONT STREET AND WESLEY STREET		
GENERAL PLAN & ELEVATION		
DRAWN	JM/PES/TV	SHEET NO.
CHECKED	VEVS	IPP-1
APPROVED	BSK	
DATE	06/04/2008	
SCALE	NONE	

