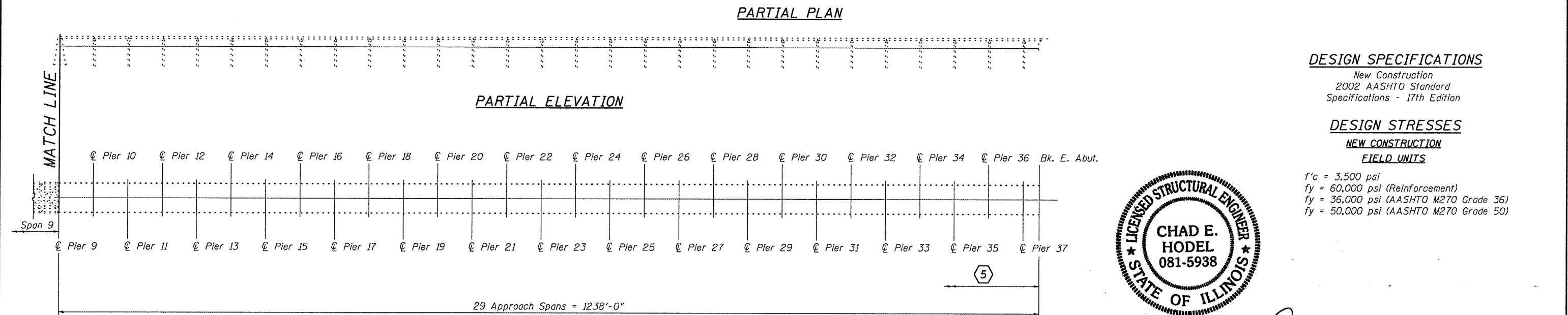
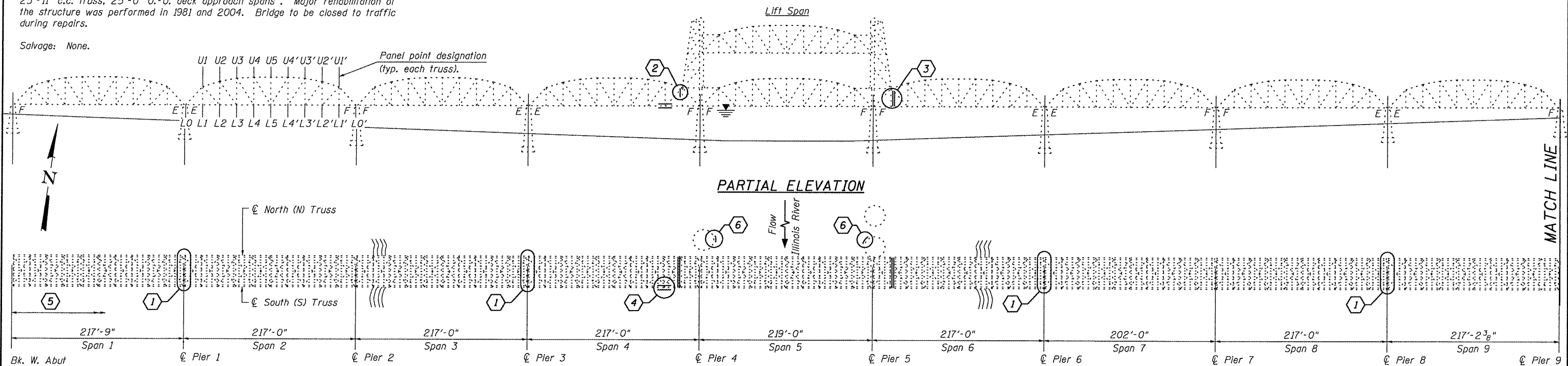


Bench Mark: Not required.

Existing Structure: S.N. 086-0001 built in 1929 as S.B.I. Rte. 36 Sec. 20B, C & D. Structure consists of 8 fixed truss spans, one moveable truss span, & 29 WF approach spans at the east end of the structure. 3178'-11³/₈" bk.-bk. abuts., 25'-11" c.c. truss, 25'-0" O.-O. deck approach spans. Major rehabilitation of the structure was performed in 1981 and 2004. Bridge to be closed to traffic during repairs.

Salvage: None.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



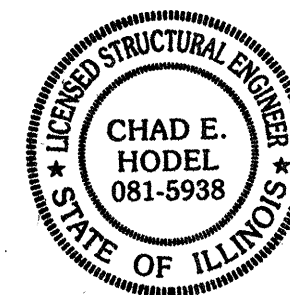
DESIGN SPECIFICATIONS

New Construction
2002 AASHTO Standard
Specifications - 17th Edition

DESIGN STRESSES

NEW CONSTRUCTION
FIELD UNITS

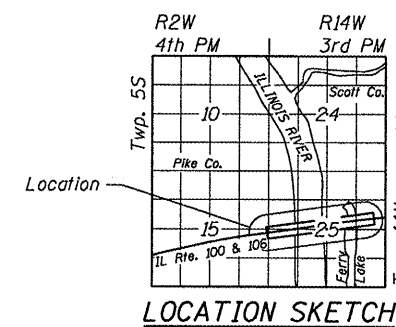
f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)
fy = 36,000 psi (AASHTO M270 Grade 36)
fy = 50,000 psi (AASHTO M270 Grade 50)



C. E. Hodel
11-25-08
Exp. 11-30-10

SCOPE OF WORK

- 1 Remove and replace existing deck expansion joint with finger plate expansion joint assemblies and drainage trough.
- 2 Remove and replace existing moveable traffic control gate and wire ropes.
- 3 Remove and replace existing moveable traffic control gate, wire ropes, and gate guide angles.
- 4 Clean, paint, and strengthen the existing bottom truss chord at panel point L2'S.
- 5 Partial depth deck slab repairs in all spans except span 5.
- 6 Repair existing pier protection dolphins.



GENERAL PLAN
ILLINOIS ROUTES 100 & 106 OVER
ILLINOIS RIVER
PUBLIC WATERS

DESIGNED - CEH	<p>7018 KINGSMILL CT., SPRINGFIELD, IL (217) 483-9457 DESIGN FIRM #184001036</p>
CHECKED - SDS	
DRAWN - DLH	
CHECKED - CEH, SDS	

SHEET NO. 1 OF 25 SHEETS	F.A.P. RTE. 757	SECTION 20BR-2	COUNTY SCOTT/PIKE	TOTAL SHEETS 30	SHEET NO. 6
	SN 086-0001		CONTRACT NO. 72C39		
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					