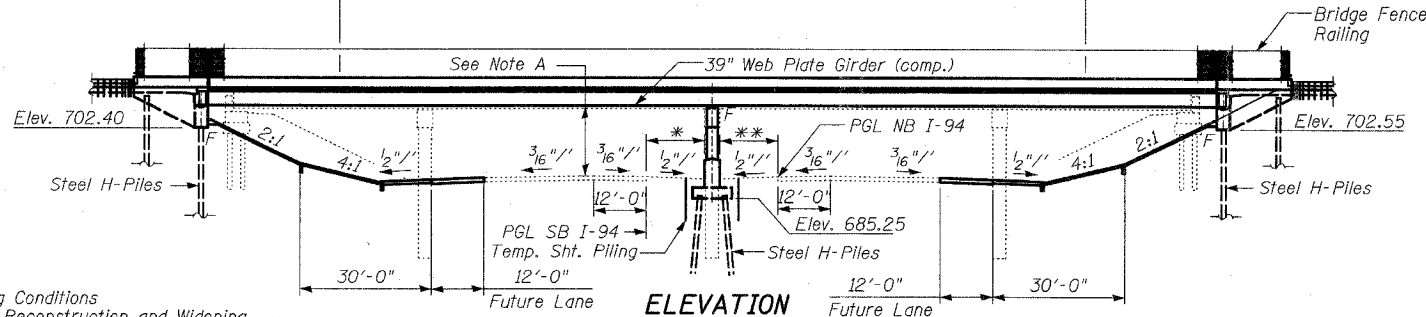


Benchmark: BM #203 - Set Square on S.E. corner of S.E. end of south handrail of Illinois Route 60 Bridge over I-94. Sta. 446+76.89 @ IL 60. Offset 35.70' Right, Elev. 713.54

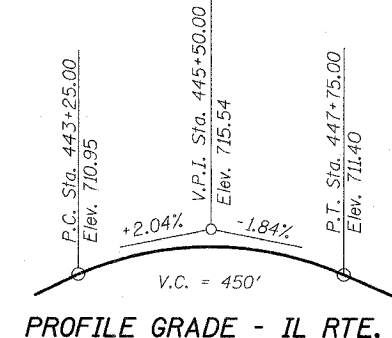
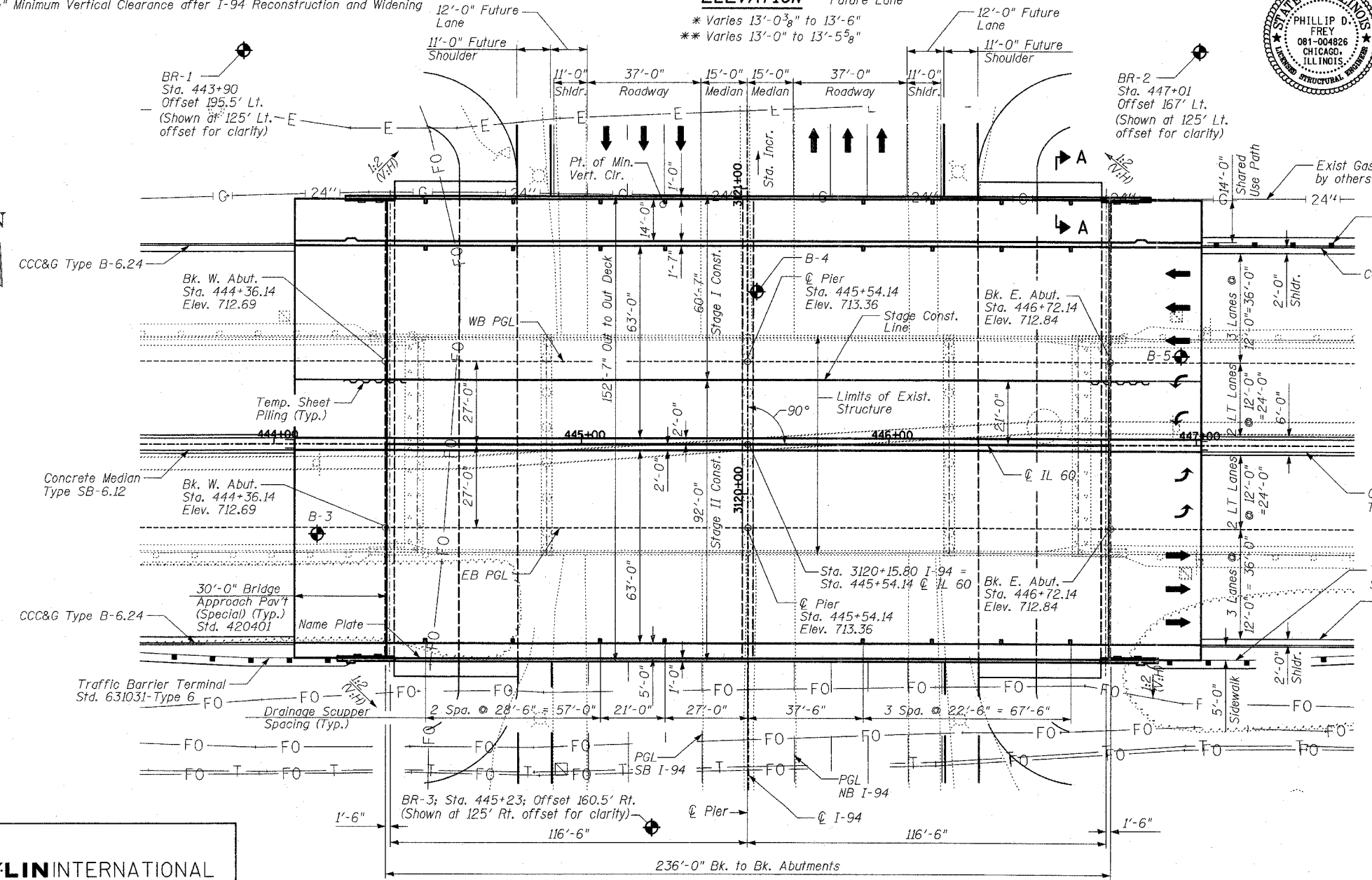
Existing Structure: Existing Structure Number 049-9902 built in 1958 as S.B.I. Route 59A by the Illinois State Toll Highway Commission is a 4-span continuous PPC I-Beam structure with an out-to-out deck width of 64'-4" and overall length of 222'-2" bk. to bk. abutments. The substructure consists of concrete pile-supported abutments and PPC cylindrical pile bent piers. The structure was widened in 1988 to 71'-6" out-to-out deck. The road shall be kept open during structure replacement by stage construction.

Salvage: None

Limits of Protective Shield - 170'-0"

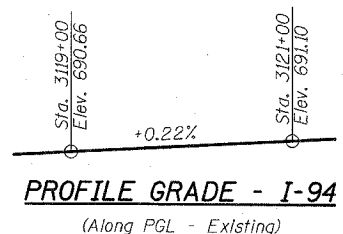
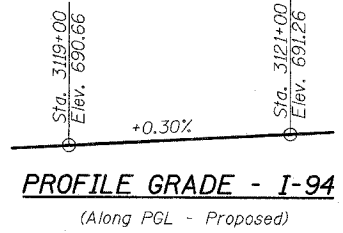


Note A:
16'-8 1/2" Minimum Vertical Clearance for Existing Conditions
16'-6 1/4" Minimum Vertical Clearance after I-94 Reconstruction and Widening



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335	119R-2	LAKE	439	248
STA. 432+83.12		TO STA. 470+56.84		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

60B01



Signed *Phillip D. Frey*
Phillip D. Frey, S.E. Ill. Lic. No. 081-004826
Expires 11-30-2008.
Date **5-8-07**
for drawings S-1 thru S-53

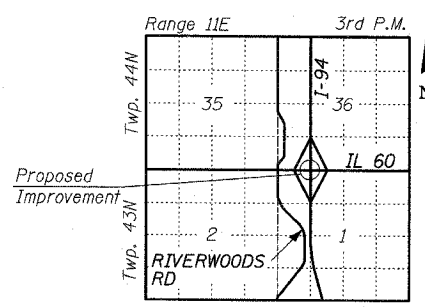
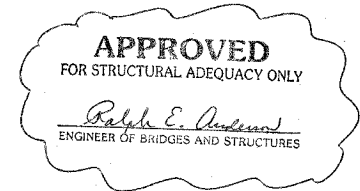
DESIGN SPECIFICATIONS
2002 AASHTO

LOADING HS20-44
Allow 50 psf for future wearing surface

DESIGN STRESSES

FIELD UNITS
f_c' = 3,500 psi
f_y = 60,000 psi (reinforcement)
f_y = 50,000 psi (M270 Grade 50)

SEISMIC DATA
Seismic Performance Category (SPC) = A
Bedrock Acceleration Coefficient (A) = 0.035g
Site Coefficient (S) = 1.0



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
GENERAL PLAN
ILLINOIS 60 OVER I-94
F.A.P. RTE. 335 SECTION 119R-2
LAKE COUNTY STA. 445+54.14
S.N. 049-2012 ISTHA BRIDGE NO. 407
DESIGNED BY: SP
DRAWN BY: SP
CHECKED BY: PF
SCALE:
DATE: MAY 8, 2007

TYLIN INTERNATIONAL

I:\60245811-60\Structure\Tran\IL60BRGP.DGN

05/03/2007 04:22:01 PM