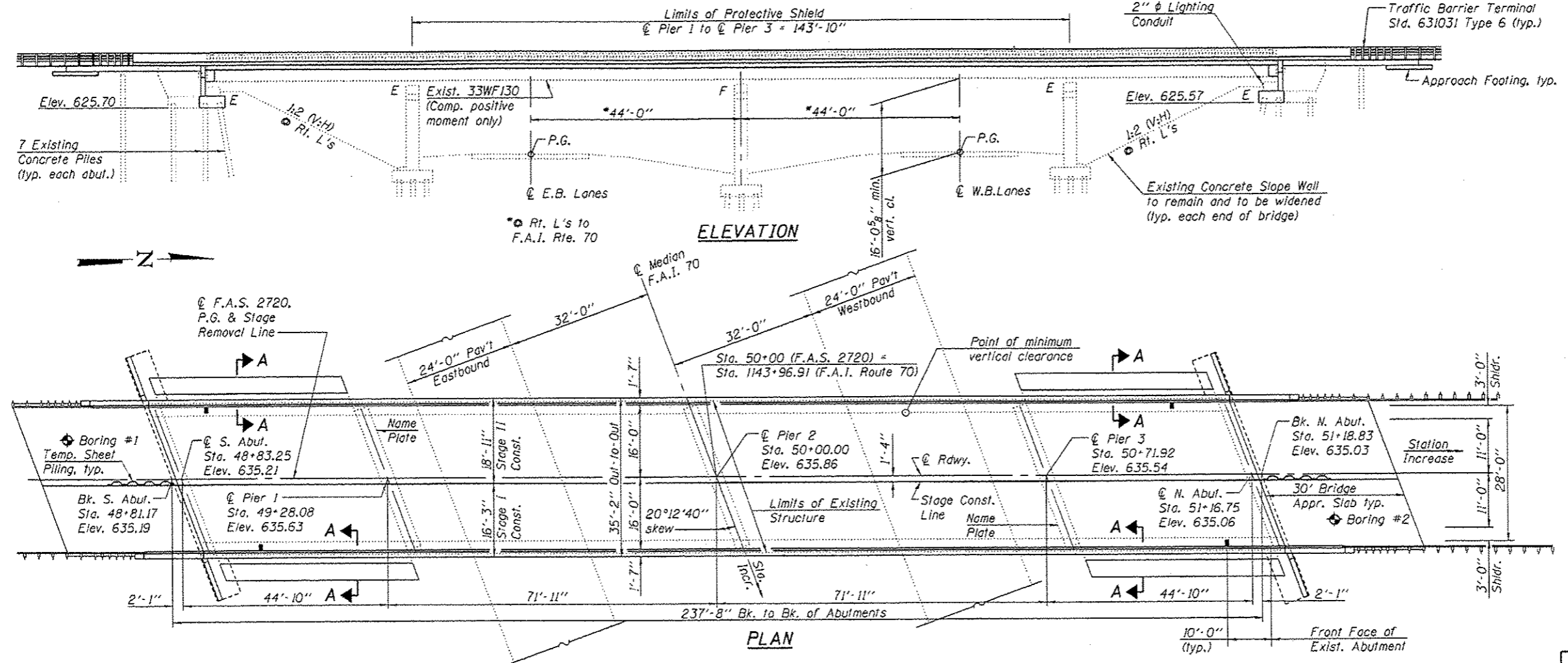


Bench Mark: Chiseled "□" top center concrete base at Pier #1 south of I-70. Elev. 616.96  
 Chiseled "□" top of bridge curb southwest corner. Elev. 635.63  
 Existing Structure: S.N. 026-0055 was built in 1962 as S.A. Route 7, Section 26-5HB-2 at Station 50+00.  
 The structure consists of a 4 span reinforced concrete deck on continuous steel WF beams supported on spill-thru reinforced concrete abutments with spread footings supported on piles and reinforced concrete hammer-head piers with spread footings supported on creosoted timber piles. The structure length is 237'-8" back-to-back of abutments, and the structure width is 33'-8" out-to-out of deck. The concrete deck is to be removed and replaced and the spill-thru abutments are to be rehabilitated as semi-integral abutments. Traffic to be maintained utilizing stage construction.

No Salvage.



Notes:  
See sheet 2 of 24 for Section A-A.

**APPROVED**  
For Structural Adequacy Only  
*D. Carl Peunay*  
Engineer of Bridges & Structures

**DESIGN SPECIFICATIONS (NEW CONSTR.)**  
2002 AASHTO

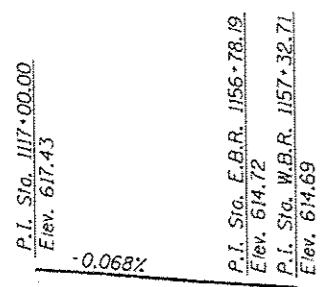
**DESIGN STRESSES**  
**FIELD UNITS (NEW CONSTR.)**  
f'c = 3,500 psi  
fy = 60,000 psi (Reinforcement)

**FIELD UNITS (EXIST. CONSTR.)**  
f'c = 3,500 psi  
fy = 40,000 psi (Reinforcement)  
fy = 36,000 psi (Structural Steel)

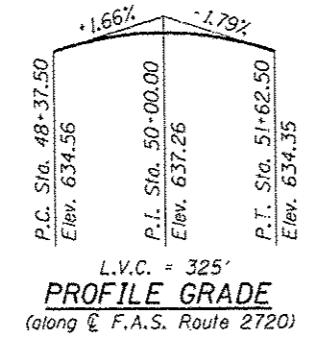
**LOADING HS20-44 (NEW CONSTR.)**  
Allow 25#/sq. ft. for future wearing surface

**SEISMIC DATA**

Seismic Performance Category (SPC) = A  
Bedrock Acceleration Coefficient (A) = 0.075g  
Site Coefficient (S) = 1.2



**PROFILE GRADE**  
(F.A.I. Route 70)



**PROFILE GRADE**  
(along C.F.A.S. Route 2720)

STATION 1143+96.91  
REBUILT BY  
STATE OF ILLINOIS  
F.A.S. 2720 SEC. (26-5.26-5-1.25-1-1)R  
LOADING HS 20  
STRUCTURE NO. 026-0055

**NAME PLATE**

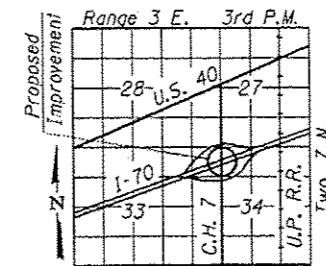
See Srd. 515001  
Locate one new Name Plate adjacent to each existing name plate on Pier 1 and pier 3. Existing name plates shall be cleaned with the cost of cleaning included with Name Plates.

**GENERAL PLAN**

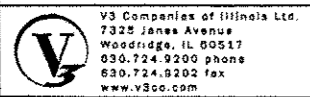
**F.A.S. ROUTE 2720 (CH 7) OVER I-70**  
**F.A.I. Route 70**  
**SECTION (26-5.26-5-1.25-1-1)R**  
**FAYETTE COUNTY**  
**STATION 50+00.00**  
**S.N. 026-0055**



*William J. Vegrzyn*  
Expires 11-30-14



**LOCATION SKETCH**



USER NAME :	DESIGNED - WJV	REVISIONS -
DESIGNED - WJV	CHECKED - CJB	REVISIONS -
PLLOT SCALE :	DRAWN - WJV	REVISIONS -
PLLOT DATE : 12-22-2011	CHECKED - CJB	REVISIONS -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

SHEET NO. 1 OF 24 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(26-5.26-5-1.25-1-1)R	Fayette	92	68
				CONTRACT NO. 74469
ILLINOIS FED. AID PROJECT				