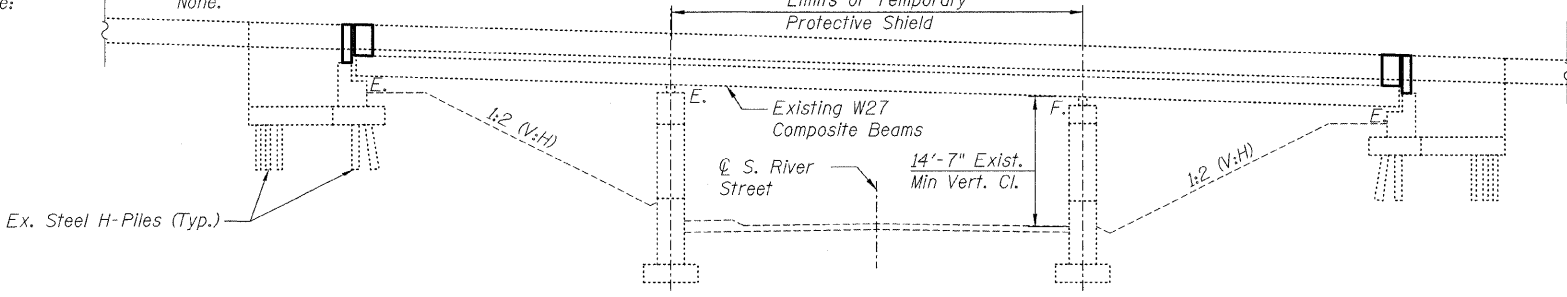


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

Benchmark: Top nut of the first fire hydrant north of bridge on the west side of River Street. Elev. 639.79  
Existing Structure: SN 047-0030 built in 1958 as FAP 349 Section 11-HB and widened in 1999. Total length = 119'-0 1/4" Back to Back of Abutments. Width = 71'-5 5/8" Out to Out of deck. Superstructure consists of 3 span reinforced concrete deck on composite W27 Beams. The abutments are reinforced concrete on steel H piles and the piers are multi-column on spread footings. One lane of traffic in each direction shall be maintained during stage construction. Limits of Temporary Protective Shield  
Salvage: None.



ELEVATION

DESIGN STRESSES

FIELD UNITS  
f'c = 3,500 psi  
fy = 60,000 psi

GENERAL NOTES

Plan dimensions and details relative to existing plans are subject to routine variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished based upon the unit price bid for the work.

Reinforcement Bars designated (E) shall be epoxy coated.  
Reinforcement bars shall conform to the requirements of ASTM A706 Grade 60 See special provisions.

INDEX OF SHEETS

- S1. General Plan & Elevation
- S2. Stage Construction Details
- S3. Temp. Concrete Barrier
- S4. Concrete Removal
- S5. Abutment Details
- S6. Parapet Removal & Replacement
- S7. Superstructure Details
- S8. Bar Splicer Details
- S9. Joint System Details

SCOPE OF WORK

- 1. Install Protective Shield
- 2. Hydroscarify deck surface (WB Lanes only)
- 3. Full depth repairs (WB Lanes only)
- 4. Reconstruct Transverse Joints
- 5. Place Latex Concrete Overlay (WB Lanes only)
- 6. Sawcut Groove Deck Surface (WB Lanes only)
- 7. Protective Coat on WB & EB lanes
- 8. Bituminous Overlay both Approaches (WB Lanes only)

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications

LAST DELAMINATION SURVEY

November 8, 2007

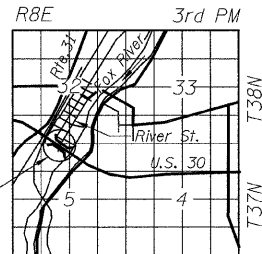
TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	18.5
Protective Shield	Sq. Yd.	187
Concrete Superstructure	Cu.Yd.	20.1
Bridge Deck Grooving	Sq.Yd.	405
Protective Coat	Sq.Yd.	1,020
Reinforcement Bars, Epoxy Coated	Pound	2,770
Bar Splicers	Each	34
Preformed Joint Strip Seal	Foot	142
* Bridge Deck Latex Concrete Overlay, 2 1/2 inches	Sq.Yd.	390
* Bridge Deck Hydro-Scarification 1"	Sq.Yd.	390
* Deck Slab Repair (Full Depth, Type I)	Sq.Yd.	1.1
* Deck Slab Repair (Full Depth, Type II)	Sq.Yd.	36.7

\* Special Provision

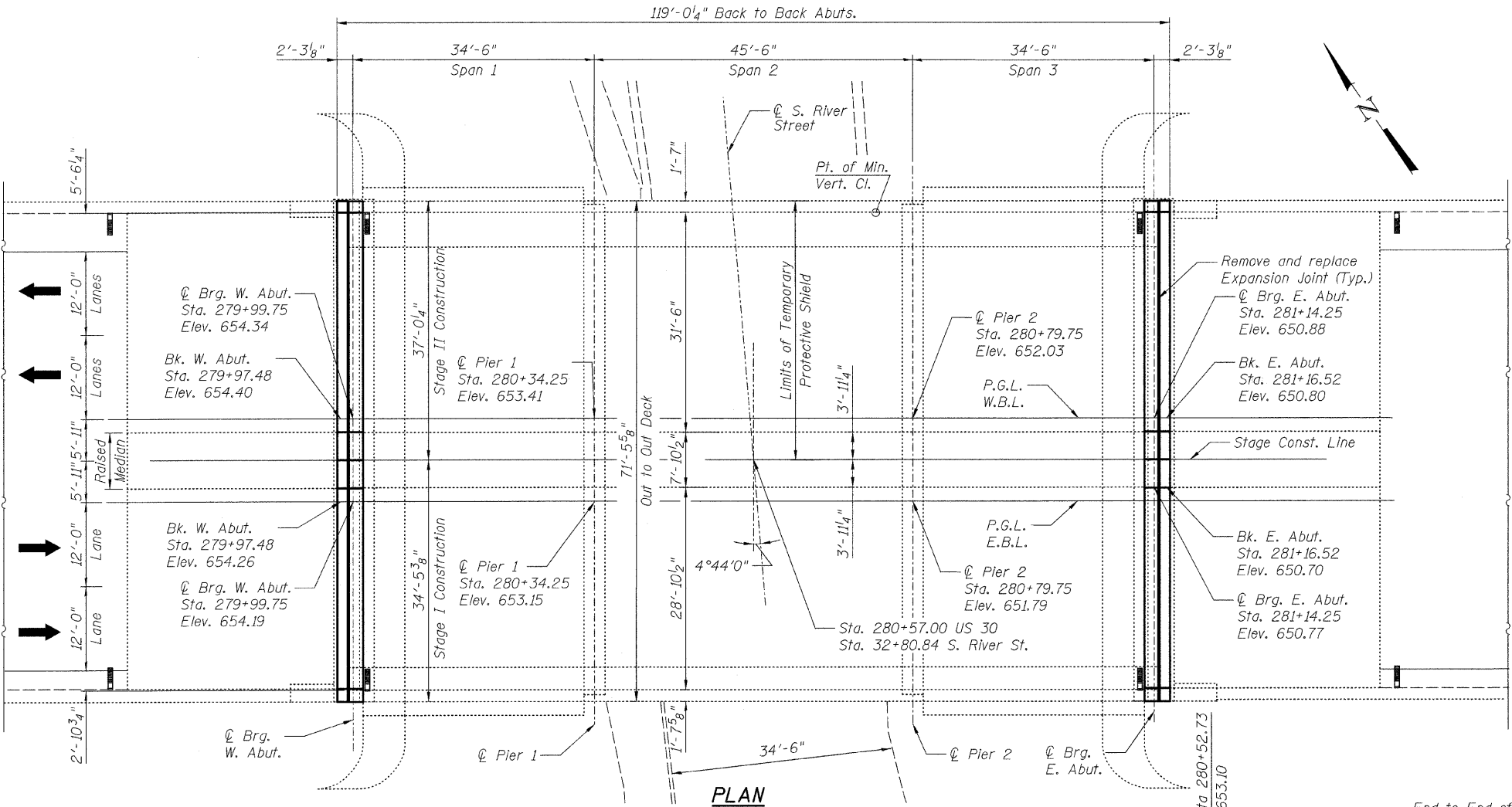


DATE: 1/13/2008  
SEAL EXPIRES: 11/30/2010

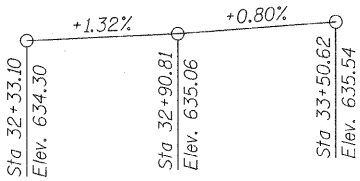


GENERAL PLAN AND ELEVATION  
US 30 OVER SOUTH RIVER STREET  
STA. 280+57.0  
S.N. 047-0030

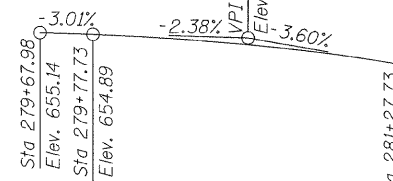
SHEET NO. S1	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	349	11 HB-I	KENDALL	26	13
S9 SHEETS			CONTRACT NO. 60D83		
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT		



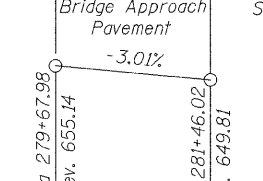
PLAN



EX. PROFILE GRADE  
River Street



PROFILE GRADE  
US 30 WBL



EX. PROFILE GRADE  
US 30 EBL

DESIGNED	B. Sauter
CHECKED	E. Mroczek
DRAWN	R. Danley
CHECKED	B. Sauter

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1/13/2008 r.danley 11/13/2009