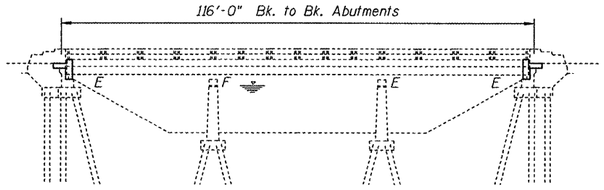
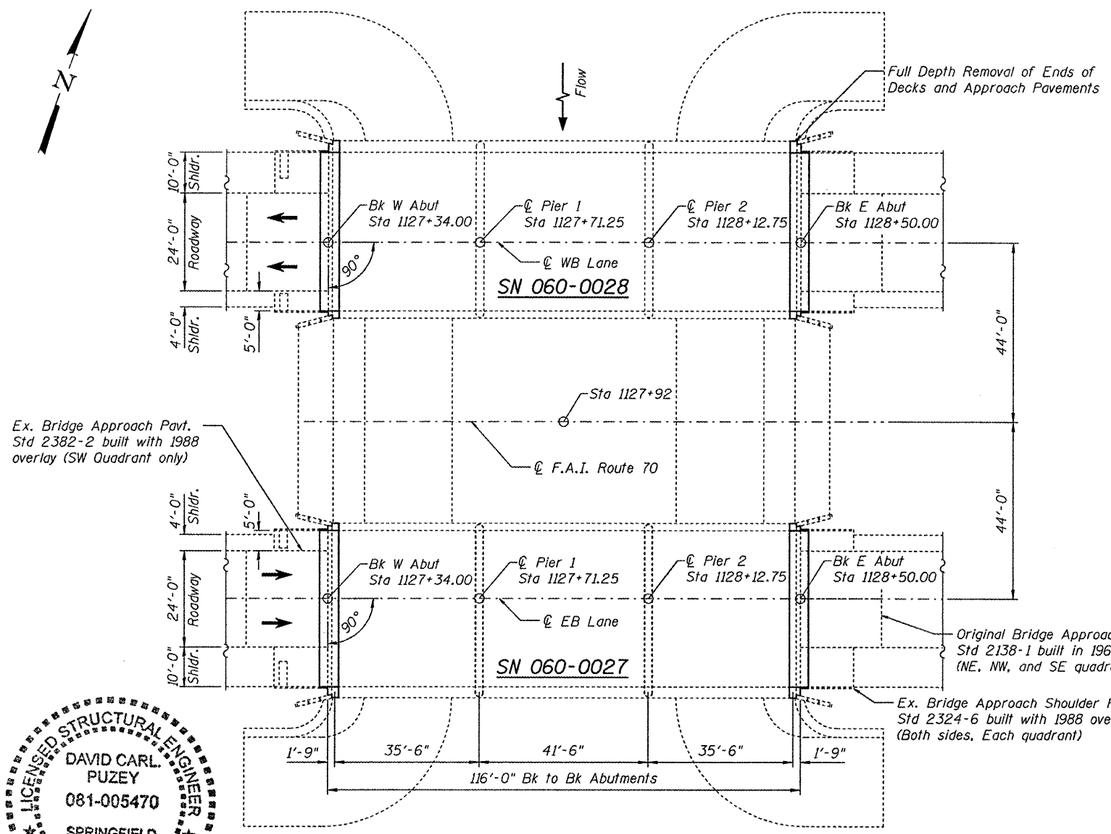
SN 060-0027(EB) & 060-0028(WB) was originally built in 1963 as I-70, Section 60-HB-1.
It consists of dual 3 span continuous WF structures on pile bent abutments, and pile supported solid wall piers.
In 1970 the decks and approaches were overlayed with bituminous overlays.
In 1988 the deck overlays were removed, the decks were scarified ¼" and overlayed with a 2" concrete overlay.
The west approach of the south bridge was replaced with the 24' wide Bridge Approach Pavement Std 2324, and all 4 approaches were widened with concrete Bridge Approach Shoulders Std 2324-6.



ELEVATION
Looking North



PLAN

LICENSED STRUCTURAL ENGINEER
DAVID CARL PUZEY
081-005470
SPRINGFIELD
ILLINOIS
STATE OF ILLINOIS

Expires 11/30/2012

GENERAL NOTES

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.

Reinforcement bars designated (E) shall be epoxy coated.

Plan dimensions and details relative to existing plans are subject to nominal construction 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 at the unit price bid for the work.

Existing reinforcement shall be cleaned and incorporated into the new construction. Cost included with Concrete Removal.

The Contractor shall ensure the approach slabs and approach shoulders do not settle after removal of the ends of the approaches. If voids are encountered after removal of the deck ends, the Contractor shall pump grout under the approaches to maintain support during removal. Cost included with "Concrete Removal".

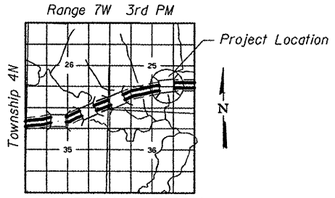
INDEX OF SHEETS

1) General Plan & Elevation
2) Concrete Removal
3) Concrete Details
4) Bar Splicer
5) For Information Sheet - 1959 Approach Pavement Std 2138-1
6) For Information Sheet - 1984 Approach Shoulder Std 2324-6
7) For Information Sheet - 1986 Approach Pavement Std 2382-2 (Sh 1 of 2)
8) For Information Sheet - 1986 Approach Pavement Std 2382-2 (Sh 2 of 2)

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)



LOCATION SKETCH

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Concrete Removal	Cu. Yd.	35.2
Concrete Superstructure	Cu. Yd.	68.9
Reinforcement Bars, Epoxy Coated	Pound	6240
Bar Splicers	Each	64

DESIGNED	John Uehle	EXAMINED	ENGINEER OF STRUCTURAL SERVICES
CHECKED	Brad Williams		
DRAWN	John Uehle	PASSED	ENGINEER OF BRIDGES AND STRUCTURES
CHECKED	Brad Williams		

DATE - 3-16-2011

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STRUCTURE NO. 060-0027 & 0028

SHEET NO. 1 OF 8 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	60-11HB-I	MADISON	10	3

CONTRACT NO. 76E25

ILLINOIS FED. AID PROJECT