

Existing Condition: S.N. 099-0043 carrying I-80 Westbound over West Frontage Road was originally constructed in 1960 as FAI Route 80 Section 99-IHB-K-1. The structure consists of a reinforced concrete slab superstructure supported by reinforced concrete closed abutments.

Staged construction shall be utilized to maintain the traffic during construction.

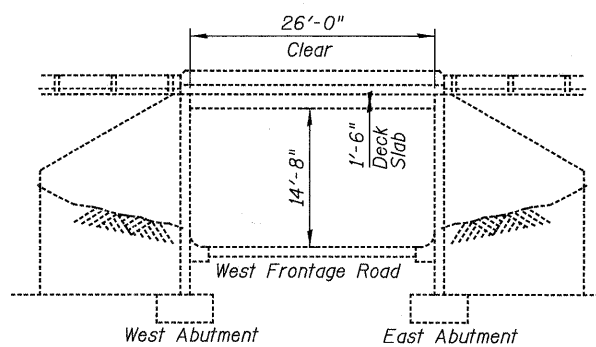
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1. General Plan, Notes & Total Bill of Material
2. Deck Repair Plan
3. Construction Staging
4. Temporary Concrete Barrier for Staged Construction

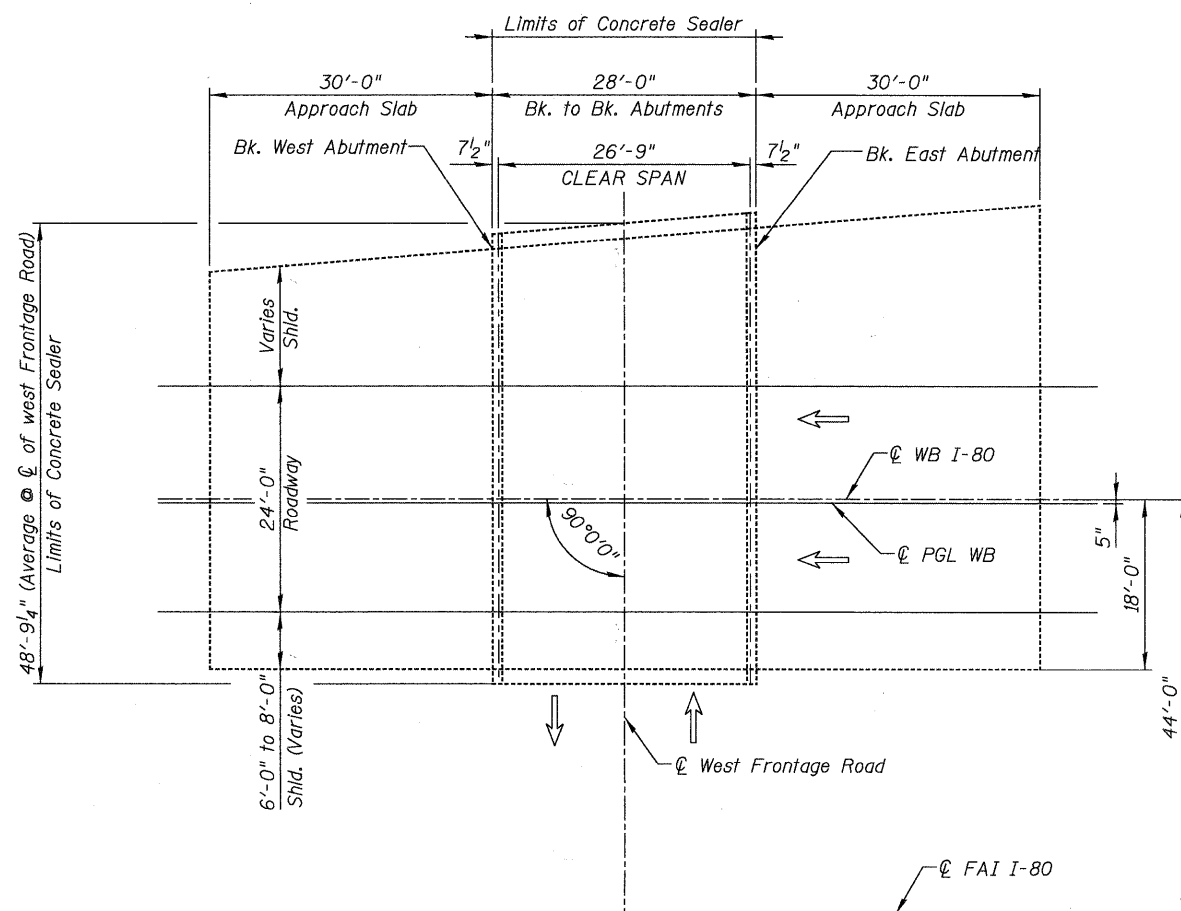
TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Concrete Sealer	Sq. Ft.	1500	-	1500
Deck Slab Repair (Partial)	Sq. Yd.	71	-	71
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	3	-	3

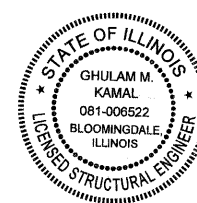
** Work shall be performed in accordance with Special Provision Deck Slab Repair (Special).



ELEVATION
LOOKING NORTH



PLAN



Signed: *[Signature]*
Date: 01/18/2011
Exp: 11/30/2012
Sheets: 01-04

SCOPE OF WORK

1. Deck Slab Repair (full and partial depth).
2. Apply concrete sealer to bridge deck and the inside and the top horizontal faces of parapets.

DESIGN SPECIFICATIONS

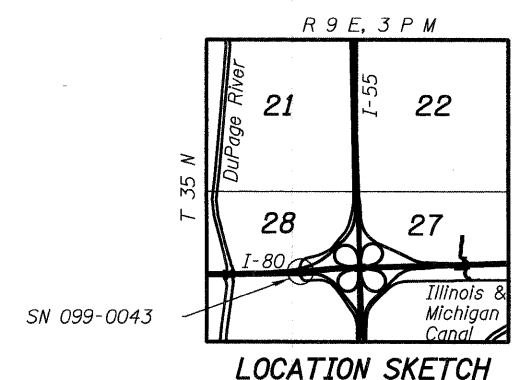
2002 AASHTO Standard Specifications for Highway Bridges, 17th Edition

DESIGN STRESSES

$f'c = 3,500$ psi

GENERAL NOTES

1. Reinforcement bars shall conform to the requirements of ASTM A 706 Grade 60. See Special Provisions.
2. Concrete Sealer shall be applied to the bridge deck and the inside and top horizontal faces of parapets. All surfaces to be sealed should be thoroughly cleaned prior to sealer application. Cost of cleaning is included with Concrete Sealer, see Special Provisions.
3. 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.
4. Areas of proposed deck repairs are estimated. Actual type, location and dimension of deck repairs are to be determined by the Engineer during construction.
5. Existing pavement markings shall be temporarily covered prior to application of the deck surface treatment, to prevent the material from being applied to the markings. The temporary covering shall be removed after application of the deck treatment and prior to opening to traffic. Cost included with Concrete Sealer.



LOCATION SKETCH

USER NAME =	DESIGNED - GMK	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN, NOTES & TOTAL BILL OF MATERIAL SOUTHBOUND I-55 TO WESTBOUND I-80 RAMP OVER W. FRONTAGE RD. SN 099-0043	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE =	DRAWN - GFP	REVISED -				80	99 (3&4) RS-4	WILL	117	81
PLOT DATE =	CHECKED - WPK/GMK	REVISED -				CONTRACT NO. 60M65				
FILE NAME =	DATE - 01/18/2011	REVISED -				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
SHEET NO. S-1 OF S-4 SHEETS										