

Existing Condition: S.N. 099-0042 carrying I-80 Eastbound over Frontage Road was originally constructed in 1960 as FAI Route 80 Section 99-1HB-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.

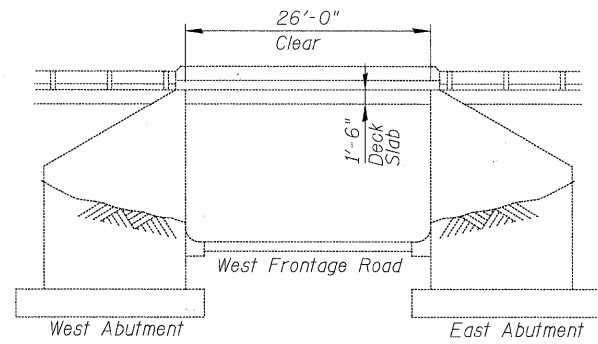
INDEX OF SHEETS

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.	2150	-	2150
** Deck Slab Repair (Partial)	Sq. Yd.	42	-	42

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



ELEVATION
LOOKING NORTH

SCOPE OF WORK

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

DESIGN SPECIFICATIONS

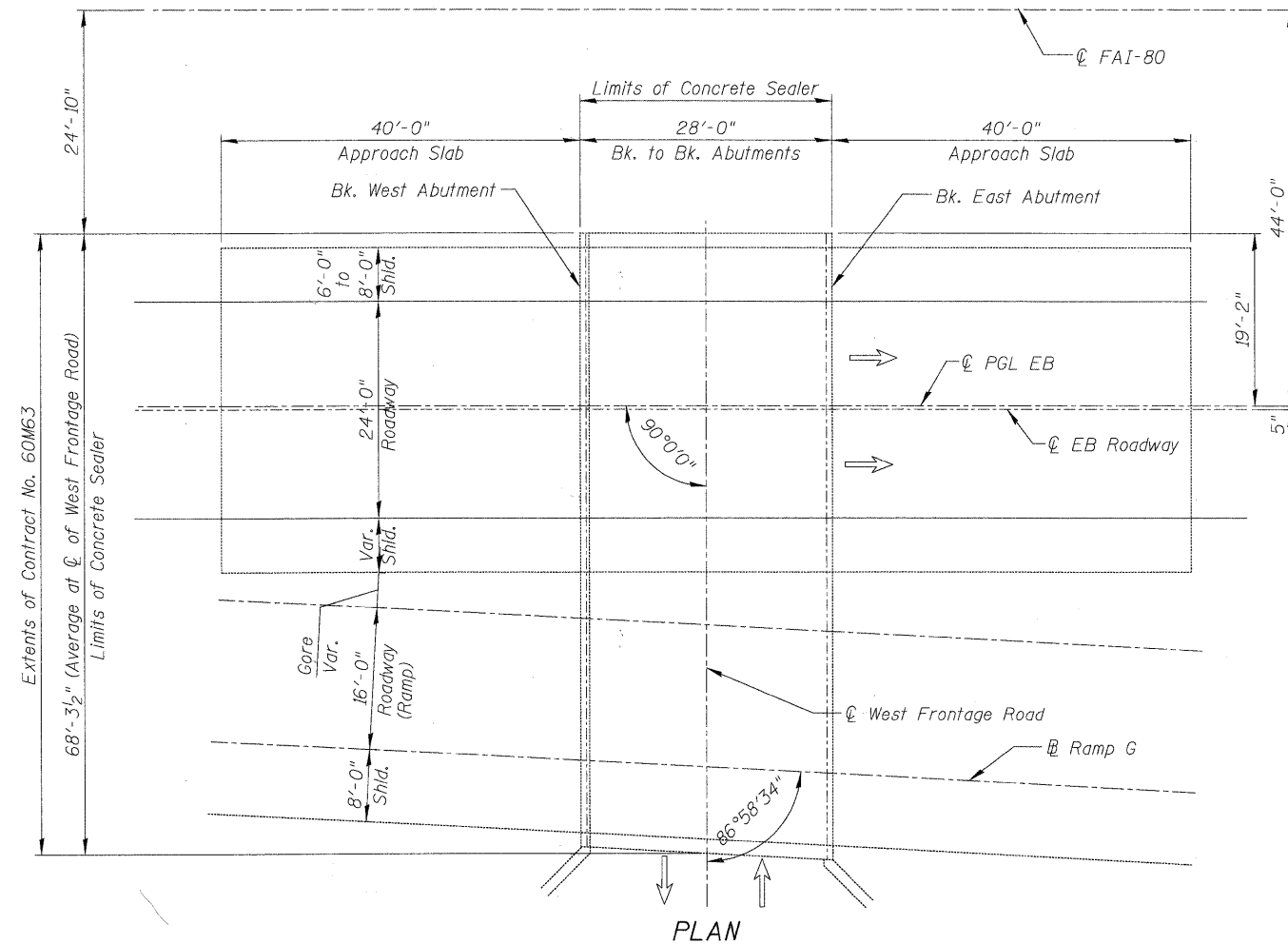
2002 AASHTO Standard Specifications for Highway Bridges, 17th Edition

DESIGN STRESSES

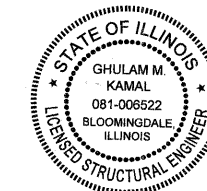
$f'c = 3,500$ psi

GENERAL NOTES

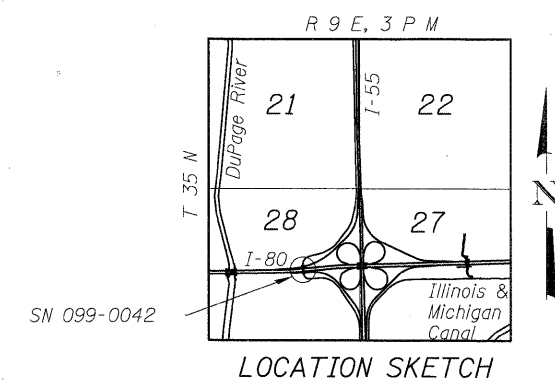
1. Concrete Sealer shall be applied to the bridge deck and the inside and the top horizontal faces of parapets. All surfaces to be sealed should be thoroughly cleaned prior to sealer application. Cost of cleaning is included with the Concrete Sealer, see Special Provisions "Bridge Deck Concrete Sealer".
2. 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.
3. Areas of proposed deck repairs are estimated. Actual type, location and dimension of deck repairs are to be determined by the Engineer during construction.
4. 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.



PLAN



Signed: *[Signature]*
 Date: 01/20/2011
 Exp: 11/30/2012
 Sheets: 01-04



LOCATION SKETCH

USER NAME =	DESIGNED - GMK	REVISED -	DBS SYERLIN CONSULTANTS, INC. 129 N. WACKER DRIVE, SUITE 2000 CHICAGO, ILLINOIS 60606 TEL: (312) 967-1000 FAX: (312) 967-1009	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		GENERAL PLAN, NOTES & TOTAL BILL OF MATERIAL I-80 OVER W. FRONTAGE RD. SN-099-0042		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE =	DRAWN - GFP	REVISED -						80	99-1-RS-4	WILL	116	81
PLOT DATE =	CHECKED - WPK/GMK	REVISED -						CONTRACT NO. 60M63				
FILE NAME =	DATE - 01/19/2011	REVISED -						FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				