

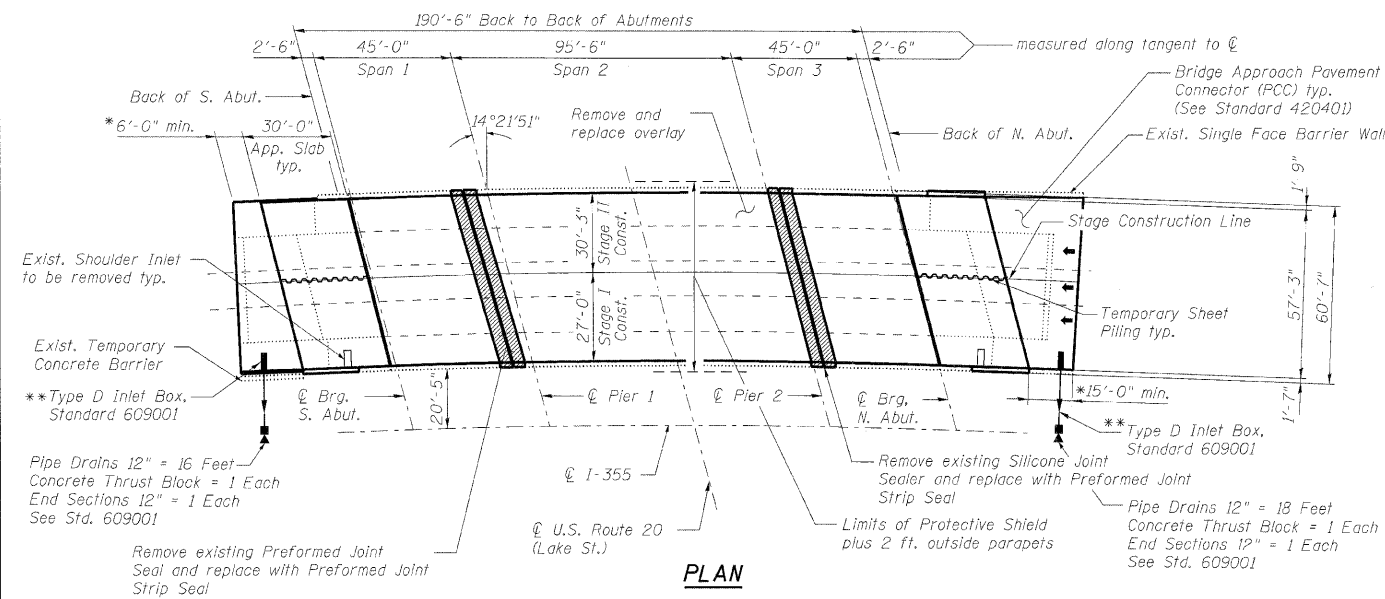
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**Existing Structure:**  
The structure is a three-span continuous composite steel structure with a 7/2-inch reinforced concrete deck and a 2-inch concrete overlay. The original structure was built in 1970 as F.A.P. Route 61, Section 22-5HB. In 1988, the deck was widened and overlaid. In 1997, the expansion joints at both piers were reconstructed. In 2002, a beam segment was replaced.

**Bench Mark:**  
Chiseled "□" on S.E. corner of East Wingwall of the N. Abut. of the Southbound Structure. Elev. 765.72

Stage construction shall be utilized to maintain traffic during construction.

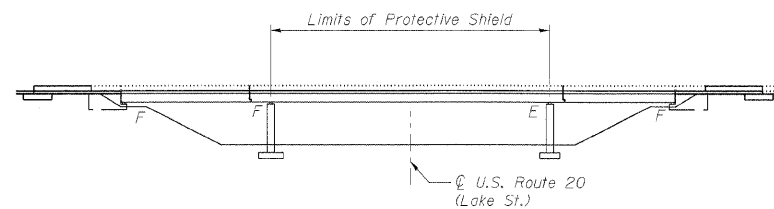
No salvage



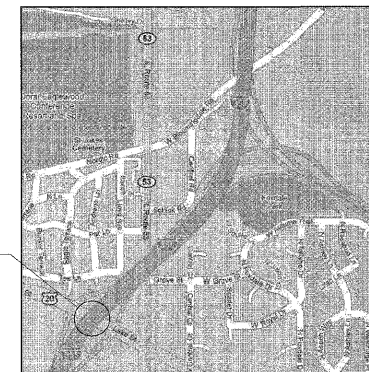
PLAN

\*Limits of Bridge Approach Pavement Connector (PCC) shall extend to the location of the existing relief joint, 6'-0" beyond the limits of the Proposed Bridge Approach Slab per Hwy. Std. 420401, or 15'-0" beyond the limits of the proposed Bridge Approach Slab per Hwy. Std. 609001 wherever shoulder inlets are proposed.

\*\*Match existing shoulder elevations.



ELEVATION



LOCATION SKETCH

**DESIGN SPECIFICATIONS**

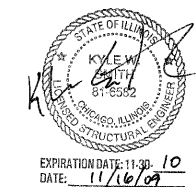
2002 AASHTO Standard Specifications for Highway Bridges, 17th Edition

**DESIGN STRESSES**

$f'_c = 3,500$  psi  
 $f_y = 60,000$  psi

**SCOPE OF WORK**

1. Remove bridge approach slabs.
2. Bridge Deck Hydro-scarification.
3. Repair bridge deck.
4. Reconstruct deck joints near each pier with preformed joint strip seal.
5. Place New Overlay.
6. Stabilize abutments.
7. Replace bridge approach slabs and approach pavement connectors.
8. Install inlets at approach shoulders.
9. Trim beam ends at pin and link connection.
10. Apply Protective Coat.



GENERAL PLAN AND ELEVATION  
I-355 SB OVER U.S. ROUTE 20  
DUPAGE COUNTY  
STATION 95+19  
STRUCTURE NO. 022-0111

DESIGNED -	MFB
CHECKED -	KWS
DRAWN -	RMG
CHECKED -	KWS

**benesch**

alfred benesch & company  
Engineers • Surveyors • Planners  
205 North Michigan Avenue, Suite 2400  
Chicago, Illinois 60601  
312-565-0460 Job No. 10050

SHEET NO. 1 28 SHEETS	F.A.I. RTE. 290-355	SECTION 22(1, 1-1, 2&3)RS-7	COUNTY DUPAGE	TOTAL SHEETS 546	SHEET NO. 446
	CONTRACT NO. 60G51			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	