

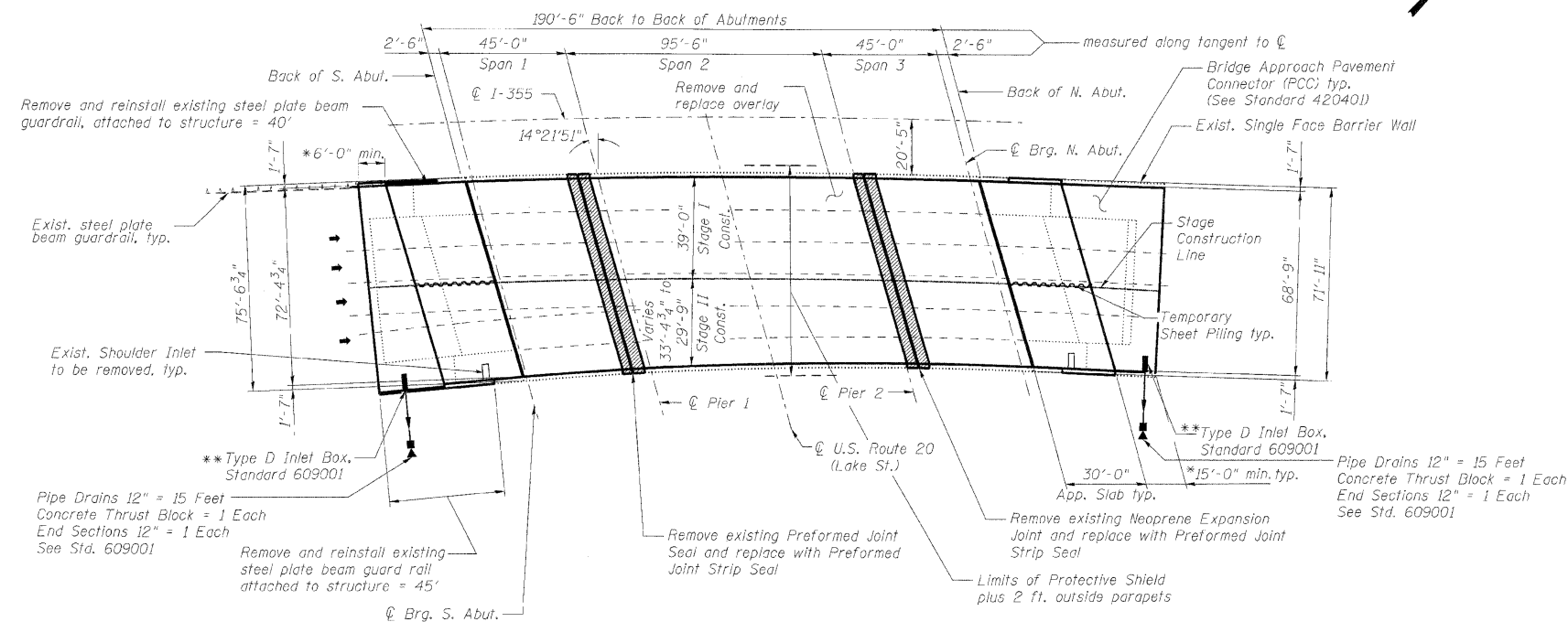
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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 and a partial width overlay was placed. 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.

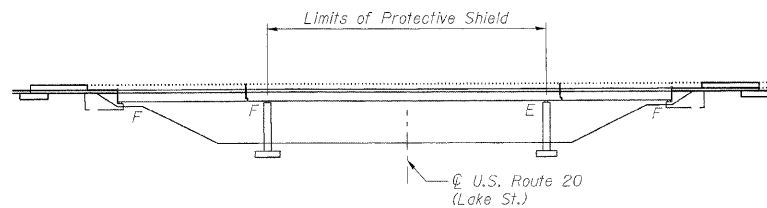
No salvage



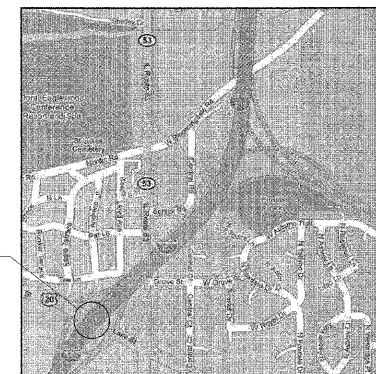
PLAN

* 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 B.A.S. 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
fy = 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.



EXPIRATION DATE: 11/30/10
DATE: 11/16/09

GENERAL PLAN AND ELEVATION
I-355 NB OVER U.S. ROUTE 20
DUPAGE COUNTY
STATION 95+19
STRUCTURE NO. 022-0112

DESIGNED	MFB
CHECKED	KWS
DRAWN	RMG
CHECKED	KWS

benesch

alfred benesch & company
Engineers • Surveyors • Planners
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-665-0460 Job No. 10050

SHEET NO. 1 28 SHEETS	F.A.I. RTE. 290	SECTION 22(1, 1-1, 2&3)RS-7	COUNTY DUPAGE	TOTAL SHEETS 546	SHEET NO. 474
	CONTRACT NO. 60G51				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

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11/12/2009