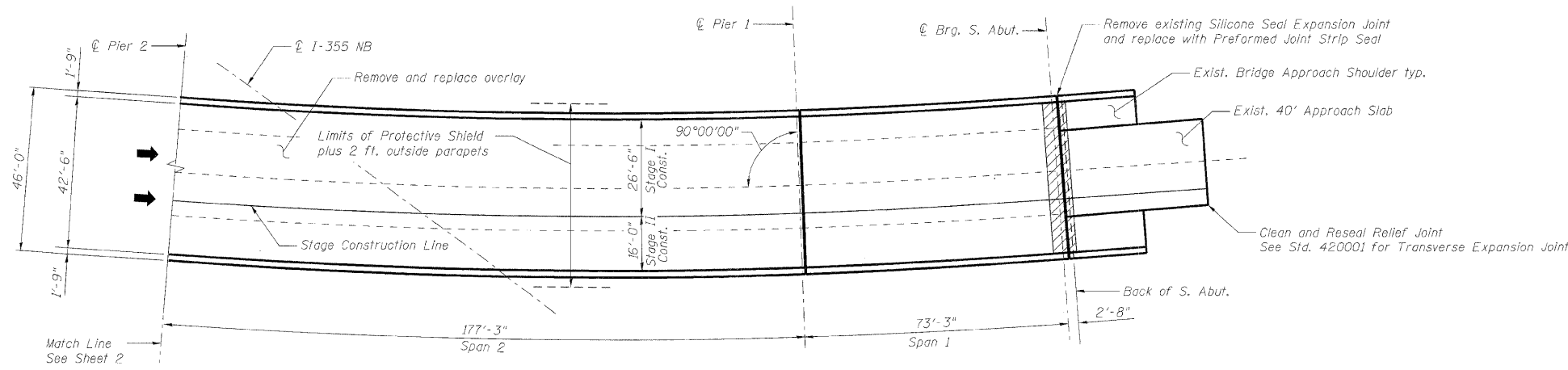


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

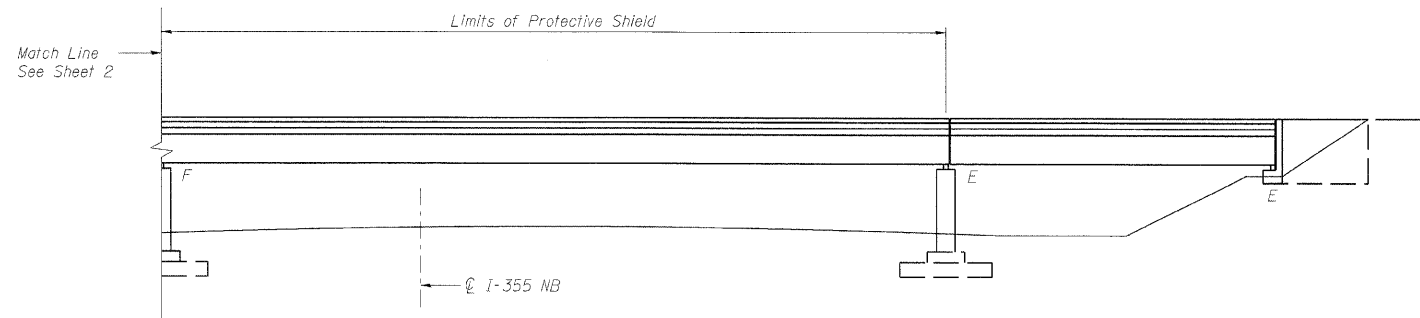
Existing Structure:
The structure is a four-span continuous, composite plate girder structure with a 7-inch cast-in-place concrete deck and a 2-inch concrete overlay. The original structure was built in 1971 as FAI Route 90, Section 22-1HB-4. In 1989, the bridge was patched and overlaid, the approach slabs were patched, and the expansion joints were reconstructed. In 1998, the deck and the approach slabs were repaired, and an expansion joint and part of the north backwall were reconstructed. In 2004, the deck approach slabs and expansion joints were repaired, and part of the north abutment was reconstructed.

Stage construction shall be utilized to maintain traffic during construction.

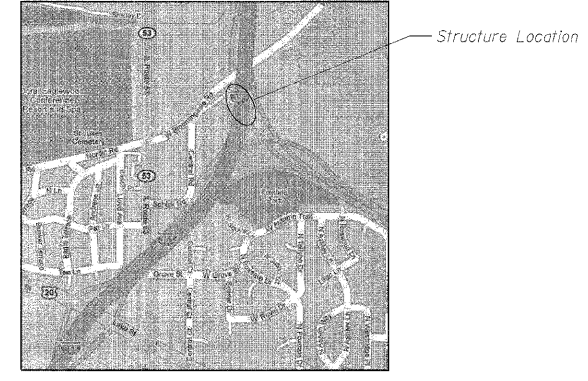
No salvage



PLAN



ELEVATION



LOCATION SKETCH

DESIGN SPECIFICATIONS

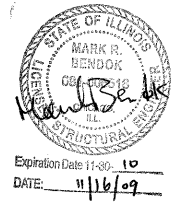
2002 AASHTO Standard Specifications for Highway Bridges, 17th Edition

DESIGN STRESSES

$f'_c = 3,500 \text{ psi}$
 $f_y = 60,000 \text{ psi}$

SCOPE OF WORK

1. Bridge Deck Hydro-scarification.
2. Repair bridge deck.
3. Repair approach slab.
4. Reconstruct deck joint at south abutment with preformed joint strip seal.
5. Replace preformed joint seal with silicone joint seal at Pier 1.
6. Place new overlay.
7. Reconstruct damaged parapet section at south end, outside shoulder.
8. Clean and reseal relief joints at end of approach slabs.
9. Clean trough under fingerplate expansion joint at north abutment.
10. Apply concrete sealer to top and inside face of parapets and abutment wingwalls, approach slabs, top of Pier 1, abutment seats and backwalls.



**GENERAL PLAN AND ELEVATION
1 OF 2
I-290 EB OVER I-355
DuPAGE COUNTY
STATION 39+06
STRUCTURE NO. 022-0092**

DESIGNED	JJJ
CHECKED	AAV
DRAWN	RMG
CHECKED	AAV

benesch
alfred benesch & company
Engineers • Surveyors • Planners
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-665-0450 Job No. 10050

SHEET NO. 1 10 SHEETS	F.A.I. RTE. 290 355	SECTION 22(1, 1-1, 2&3)RS-7	COUNTY DUPAGE	TOTAL SHEETS 546	SHEET NO. 366
	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60G51	