

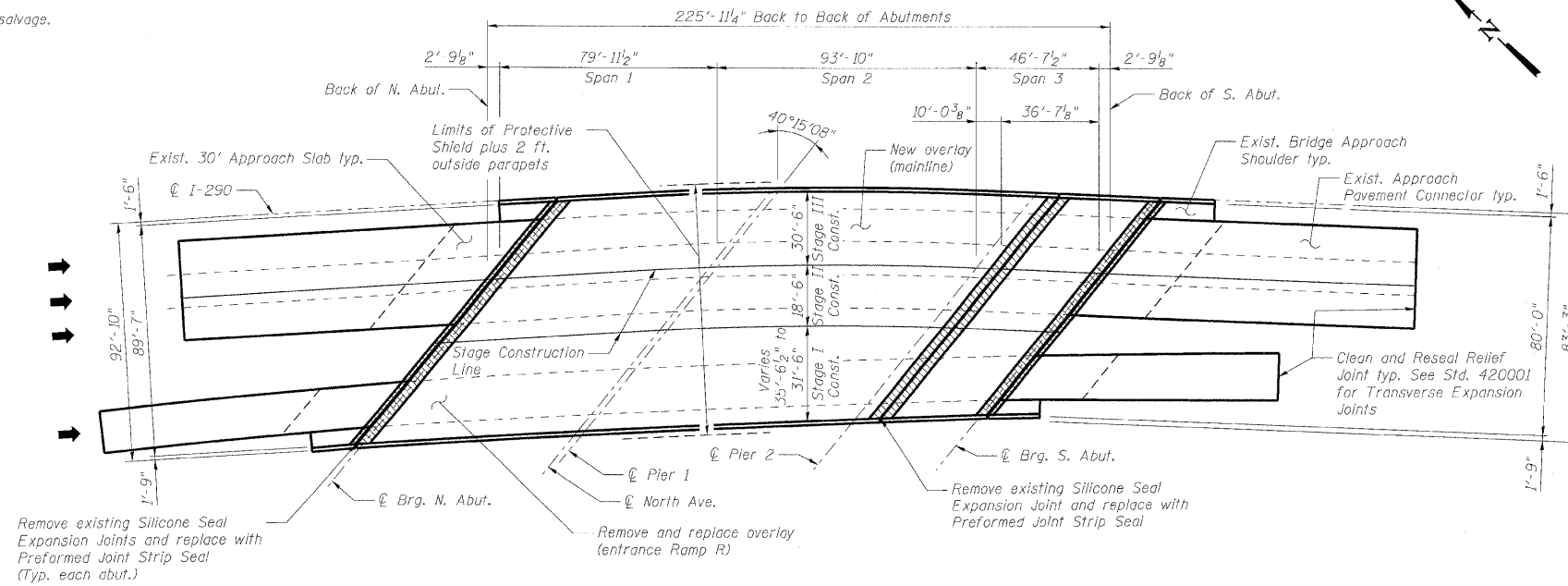
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Existing Structure:

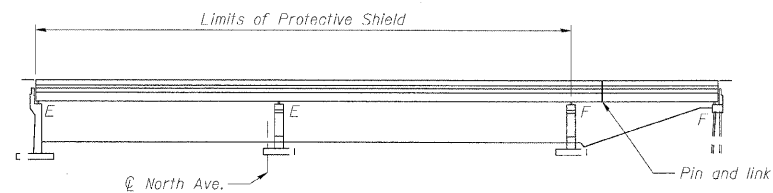
The structure is a three-span steel structure with a 7.5-inch reinforced concrete deck with no overlay on the mainline and a 7.25-inch thick reinforced concrete deck with a 2-inch overlay on the entrance ramp. The original structure was built in 1960 and is in Section (100 & 100-1) R-84. In 1985, the bridge was widened and redecked, expansion joints were reconstructed, north abutment bearings were replaced, pin and link connections were replaced in span 3 along with beam repositioning, and the superstructure was cleaned and painted. In 1996, pin and link connections were replaced in span 3. In 1998, the expansion joints were reconstructed, the deck and approach slabs were repaired, and damaged beams were replaced.

Stage construction shall be utilized to maintain traffic during construction.

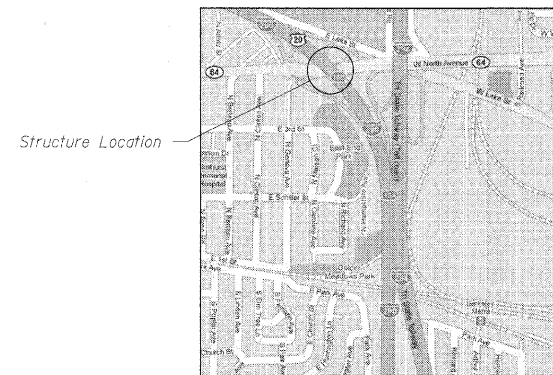
No salvage.



PLAN



ELEVATION



LOCATION SKETCH

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications for Highway Bridges, 17th Edition

DESIGN STRESSES

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

SCOPE OF WORK

1. Bridge Deck Hydro-scarification.
2. Repair bridge deck.
3. Repair approach slab.
4. Reconstruct deck joints at each abutment and Pier 2 with preformed joint strip seal.
5. Place new overlay.
6. Repair substructure.
7. Repair parapet with formed concrete repair.
8. Repair slope wall at south abutment.
9. Clean and reseal relief joints at the end of approach pavement connectors.
10. Apply concrete sealer to parapets, Ramp R approach slab, abutment seats and backwalls, and Pier 2 seats.



Expiration Date 11-30-10
DATE: 11/16/09

GENERAL PLAN AND ELEVATION
I-290 EB OVER NORTH AVENUE
DuPAGE COUNTY
STATION 351+32
STRUCTURE NO. 022-0007

DESIGNED -	TJJ
CHECKED -	AAV
DRAWN -	RMG
CHECKED -	AAV

benesch

alfred benesch & company
Engineers • Surveyors • Planners
206 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312.666.0450 Job No. 10050

SHEET NO. 1 10 SHEETS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	290	2009-099 BR	COOK/DUPAGE	309	210
FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT	
			CONTRACT NO. 60157		