

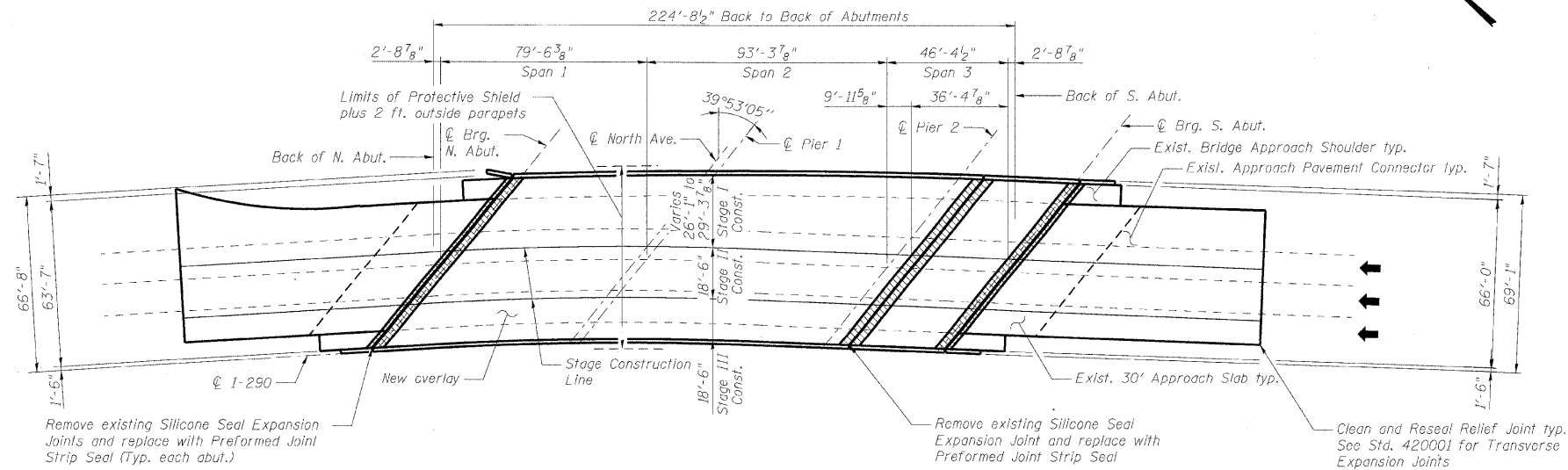
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Existing Structure:

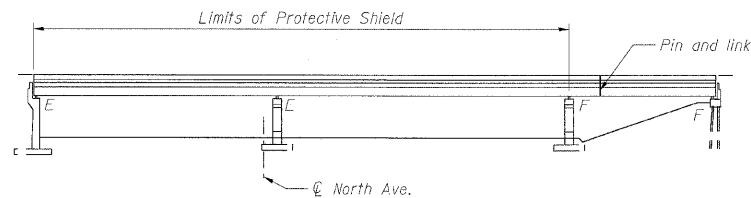
The structure is a three-span steel structure with a 7.5-inch reinforced concrete deck with no overlay.
The original structure was built in 1960 and is in Section (100 & 100-1) R-84. In 1985, the bridge was widened and redecked, expansion joints were reconstructed, north abutment bearings were replaced, 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 a damaged beam was replaced.

Stage construction shall be utilized to maintain traffic during construction.

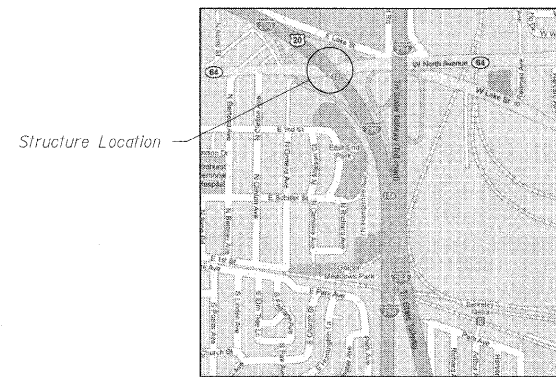
No salvage.



PLAN



ELEVATION



LOCATION SKETCH

DESIGN SPECIFICATIONS

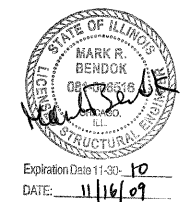
2002 AASHTO Standard Specifications
for Highway Bridges, 17th Edition

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. Clean and reseat relief joints at the end of approach pavement connectors.
9. Apply concrete sealer to parapets, abutment seats and backwalls and Pier 2 seats.



GENERAL PLAN AND ELEVATION
I-290 WB OVER NORTH AVENUE
DuPAGE COUNTY
STATION 351+94
STRUCTURE NO. 022-0008

DESIGNED -	TJJ
CHECKED -	AAY
DRAWN -	RMG
CHECKED -	AAY

benesch

alfred benesch & company
Engineers • Surveyors • Planners
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10050

SHEET NO. 1 10 SHEETS	F.A.I. RTE. 290	SECTION 2009-099 BR	COUNTY COOK/DUPAGE	TOTAL SHEETS 309	SHEET NO. 200
	CONTRACT NO. 60157				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		