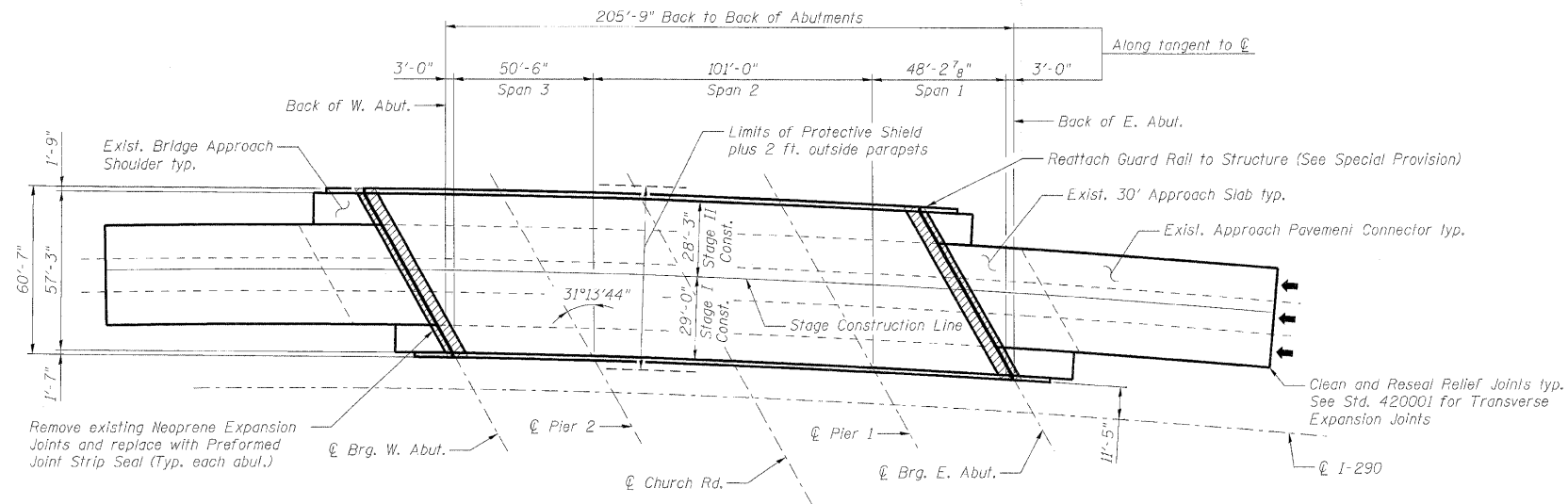


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

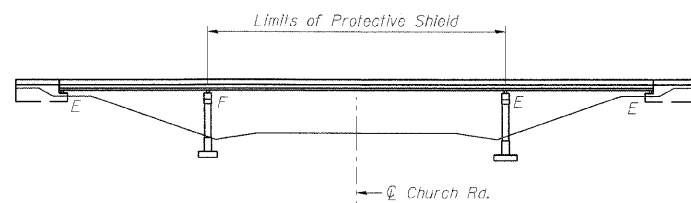
Existing Structure:
The structure is a three-span continuous plate girder bridge with a 7 3/4 inch reinforced concrete deck and a 2 1/4 inch overlay. The original structure was built in 1969 as F.A.I. Route 90, Section 22-2HB-3. In 1985, the structure was widened and overlaid, the expansion joints were reconstructed and new approaches were built. In 1998, repairs were made to the approach slabs and abutments and the expansion joints and bearings were reconstructed. In 2002, the bridge was painted.

Stage construction shall be utilized to maintain traffic during construction.

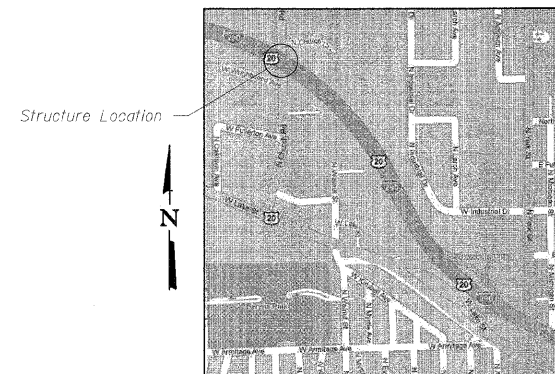
No salvage



PLAN



ELEVATION



LOCATION SKETCH

DESIGN SPECIFICATIONS

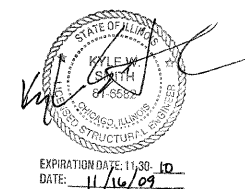
2002 AASHTO Standard Specifications for Highway Bridges, 17th Edition

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 with preformed joint strip seal.
5. Place new overlay.
6. Reconnect guardrail.
7. Repair slopewall.
8. Clean and reseal relief joints at the end of approach pavement connectors.
9. Apply concrete sealer to parapets, approach slabs, abutment seats and backwalls.



**GENERAL PLAN AND ELEVATION
I-290 WB OVER CHURCH ROAD
DUPAGE COUNTY
STATION 242+85
STRUCTURE NO. 022-0098**

DESIGNED	MFB
CHECKED	KWS
DRAWN	RMG
CHECKED	KWS

benesch

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

SHEET NO. 1 8 SHEETS	F.A.I. RTE. 290	SECTION 22(1, 1-1, 2&3)RS-7	COUNTY DUPAGE	TOTAL SHEETS 546	SHEET NO. 255
	CONTRACT NO. 60G51			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	