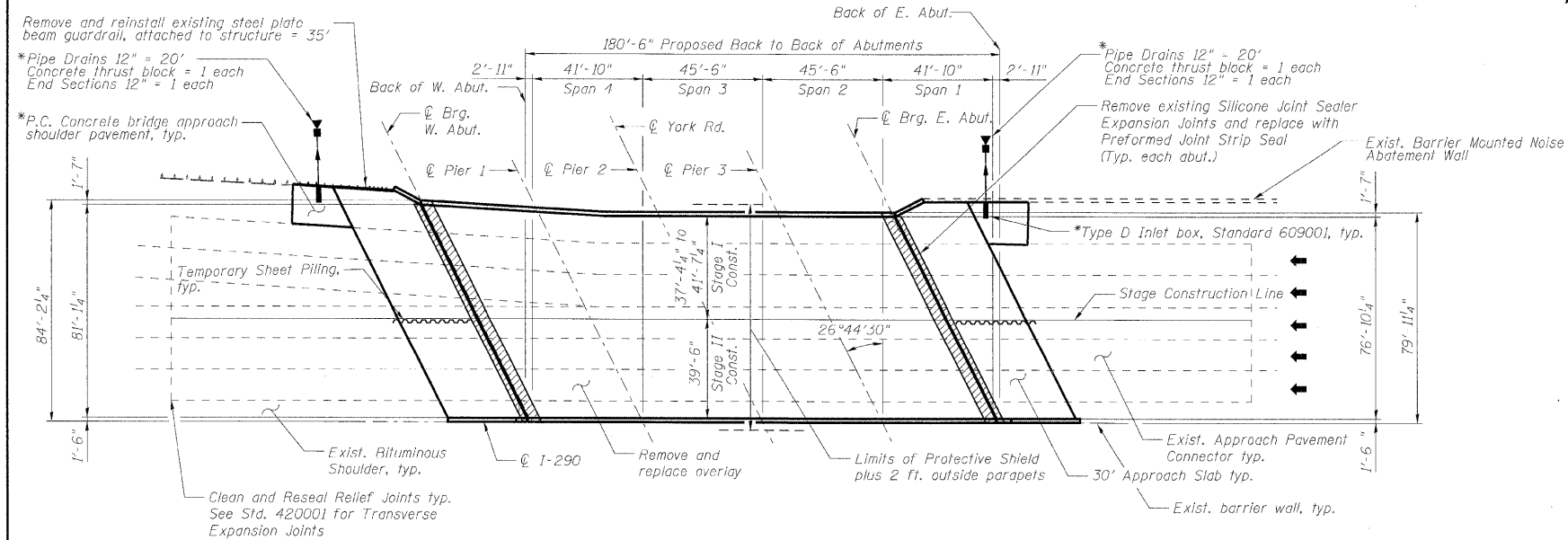


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**Existing Structure:**  
The bridge is a four-span continuous, non-composite plate girder bridge with a 7-inch reinforced concrete deck and a 2-inch concrete overlay. The original structure was built in 1962. In 1985, the structure was widened, patched and overlaid; the approaches were constructed; and the abutment bearings and expansion joints were reconstructed. In 1998, diaphragms were replaced at the abutments, the expansion joints were reconstructed and patching was completed on the approaches. In 2002, the bridge was cleaned and painted.

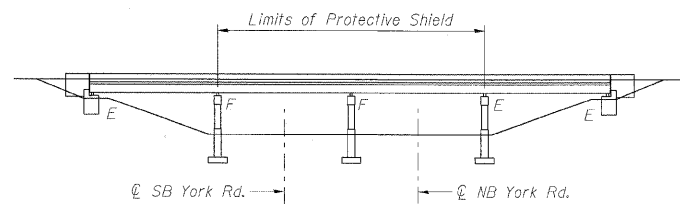
Stage construction shall be utilized to maintain traffic during construction.

No salvage

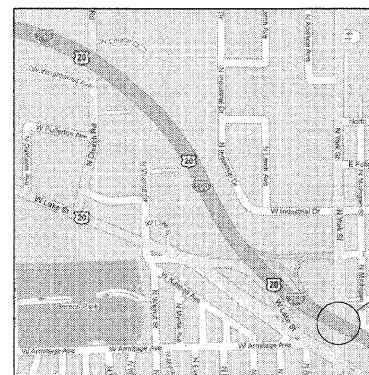


**PLAN**

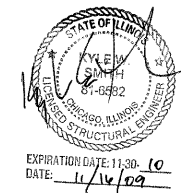
\*See highway standard 609001



**ELEVATION**



**LOCATION SKETCH**



**GENERAL PLAN AND ELEVATION  
I-290 WB OVER YORK ROAD  
DUPAGE COUNTY  
STATION 298+64  
STRUCTURE NO. 022-0006**

**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. Remove bridge approach slabs
2. Bridge Deck Hydro-scarification.
3. Jack and reposition bearings
4. Reconstruct deck joints at each abutment with preformed joint strip seal.
5. Repair substructure.
6. Place new overlay.
7. Stabilize abutments
8. Replace bridge approach slabs
9. Repair parapet with formed concrete repair.
10. Clean and reseal relief joints at the end of approach pavement connectors.
11. Apply concrete sealer.
12. Apply protective coat.

DESIGNED	MFB
CHECKED	KWS
DRAWN	RMG/KH
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 25 SHEETS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	290	2009-099 BR	COOK/DUPAGE	309	220
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	CONTRACT NO. 60157	

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