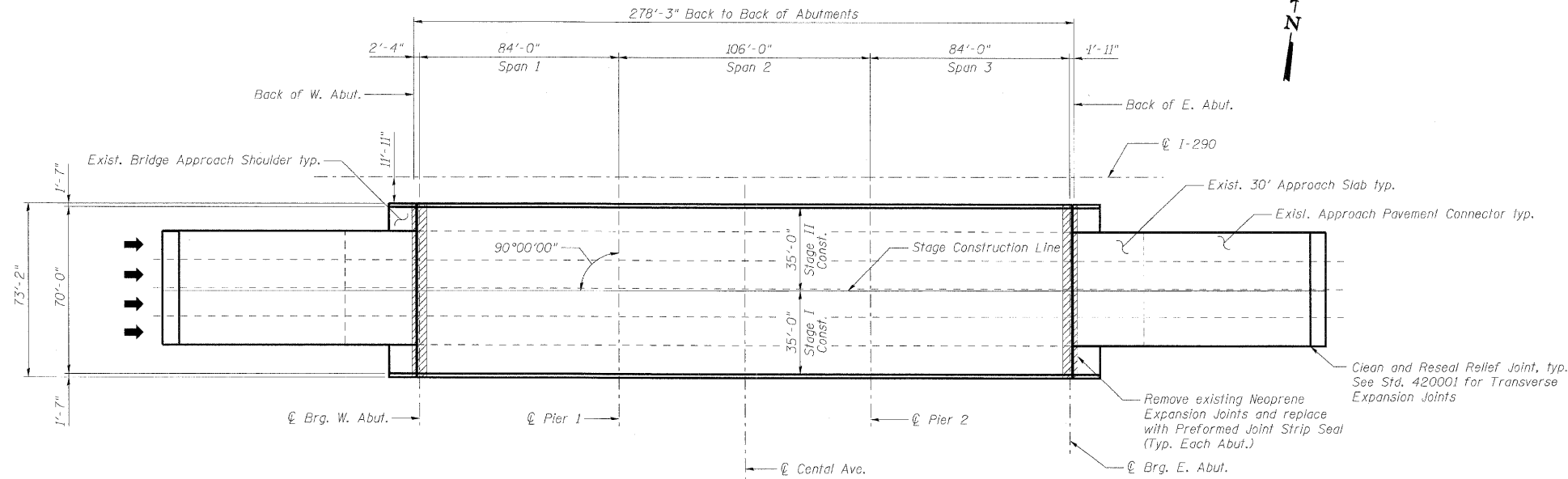


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

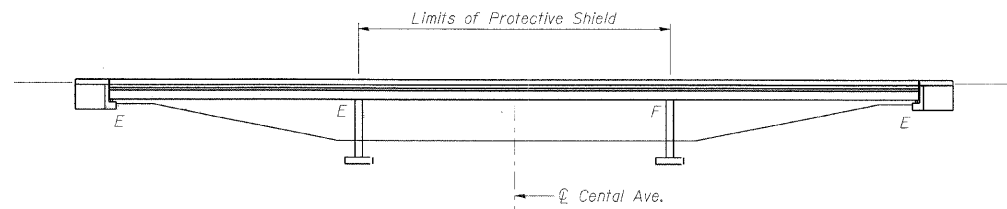
**Existing Structure:**  
The structure is a three-span continuous, composite plate girder structure with a 7-inch reinforced concrete deck and a 2-inch concrete overlay. The original structure was built in 1957 as FAI Route 1, Section 062-3031.2-MFT. In 1983, the bridge was widened, patched and overlaid and the approach slabs, backwalls and expansion joints were reconstructed. In 1998, the expansion joints were reconstructed and the approach slabs were repaired.

Stage construction shall be utilized to maintain traffic during construction.

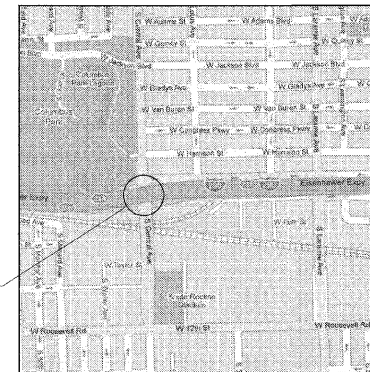
No salvage



PLAN



ELEVATION



LOCATION SKETCH

**DESIGN SPECIFICATIONS**

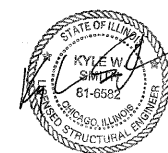
2002 AASHTO Standard Specifications for Highway Bridges, 17th Edition

**DESIGN STRESSES**

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

**SCOPE OF WORK**

1. Repair bridge deck.
2. Repair approach slab.
3. Reconstruct deck joints at each abutment with preformed joint strip seal.
4. Clean and reseal relief joints at the ends of approach pavement connectors.
5. Apply concrete sealer to bridge deck, parapets, approach slabs, abutment seats and backwalls.



**GENERAL PLAN AND ELEVATION  
I-290 EB OVER CENTRAL AVENUE  
COOK COUNTY  
STATION 889+92  
STRUCTURE NO. 016-0094**

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.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	290	(2828 B,D, ETC., 3031.1)RS-6	COOK	185	125
			CONTRACT NO. 60G53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		