

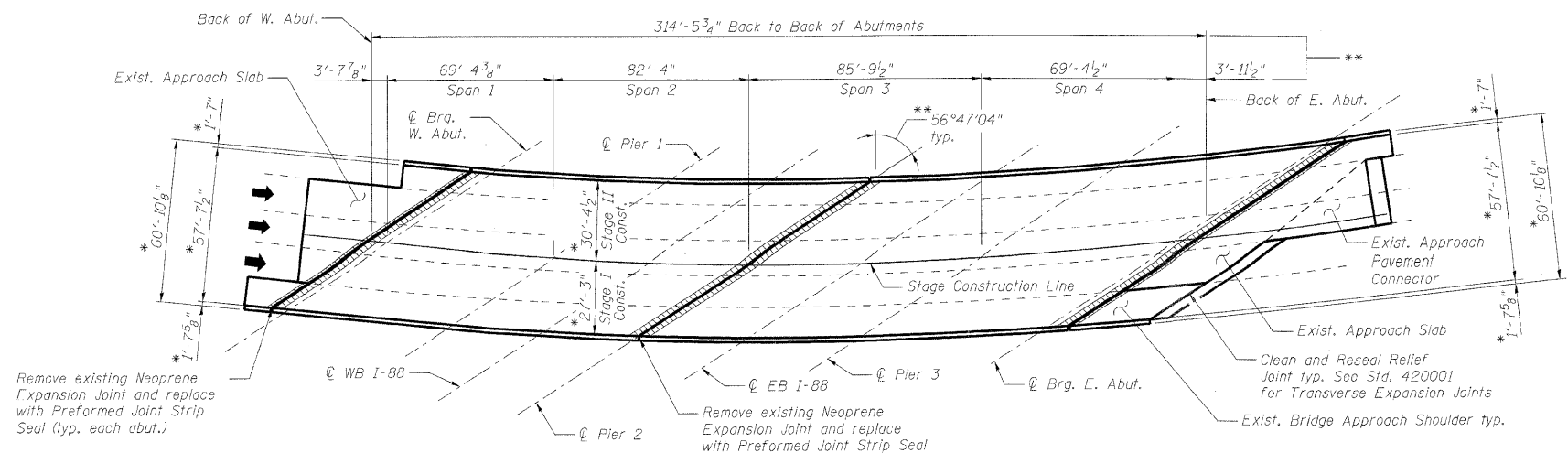
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Existing Structure:
The structure is a four-span continuous steel structure (composite) with a 7.5-inch reinforced concrete deck and no overlay.
The original structure was built in 1953 and is in Section (3738 & 3838) R-1. In 1984, the bridge was widened and redecked, expansion joints were reconstructed, substructure was repaired, and the superstructure was cleaned and painted. In 1997, the expansion joints were reconstructed and approach slabs were repaired. In 2001, the deck was widened and the substructure was repaired.

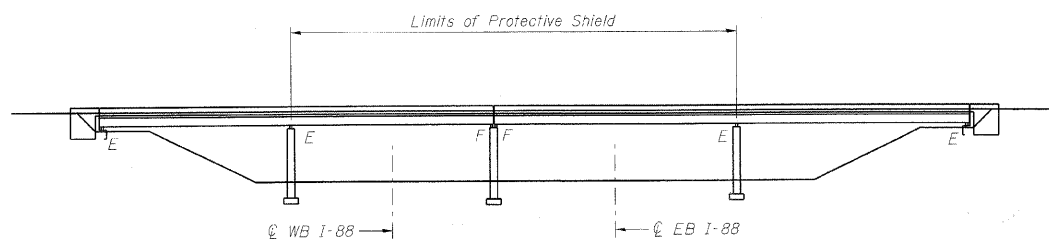
Stage construction shall be utilized to maintain traffic during construction.

No salvage.

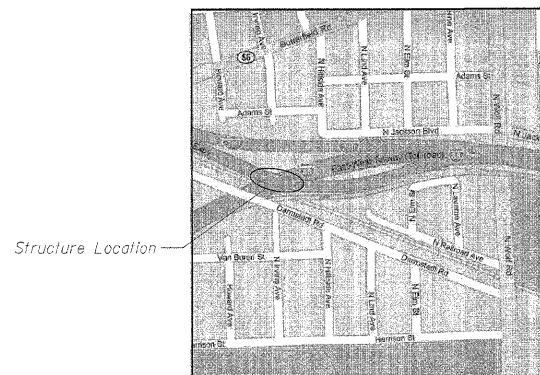
* Measured Radial
** Measured along Local Tangent at Sta. 459+00



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 and Pier 2 with preformed joint strip seal.
4. Clean and reseal relief joints at the end of approach pavement connectors.
5. Apply concrete sealer to parapets, 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 I-88
COOK COUNTY
STATION 459+00
STRUCTURE NO. 016-0085

DESIGNED	-	DMS/TJJ
CHECKED	-	EFS/AAY
DRAWN	-	RMG
CHECKED	-	AAY

benesch

alfred benesch & company
Engineers • Surveyors • Planners
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-555-0450 Job No. 10050

SHEET NO. 1 9 SHEETS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	290	(3031.1, ETC., 3838)RS-5	COOK	298	222
FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 60G52					