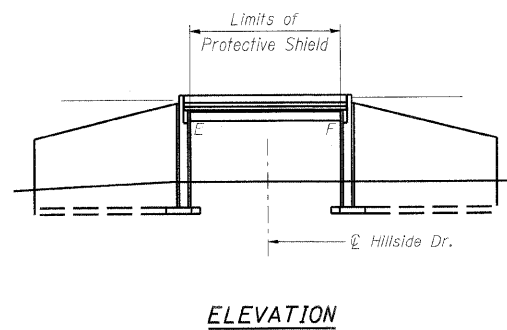
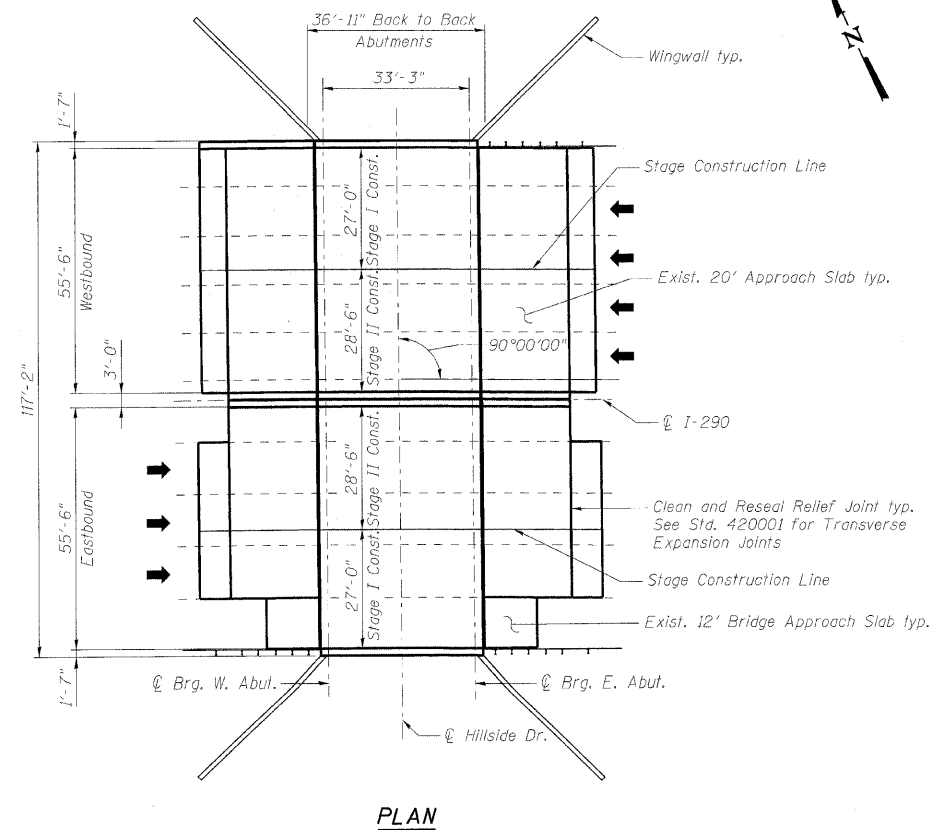


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

Existing Structure:  
Single span WF beam bridge, with closed abutments-cantilever type  
on spread footing 114'-0" wide by 36'-11" long, built as F.A. Route 131,  
Section 052-3737.3 M.F.T. Sta. 79+51.60 in 1955. The bridge was  
widened to 117'-2" in 1984.

Stage construction shall be utilized to maintain traffic during construction.

No salvage.



**DESIGN SPECIFICATIONS**

2002 AASHTO Standard Specifications  
for Highway Bridges, 17th Edition

**DESIGN STRESSES**

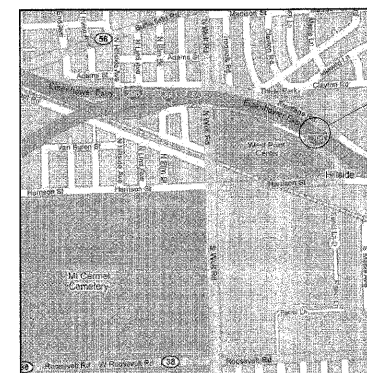
$f'_c = 3,500 \text{ psi}$   
 $f_y = 60,000 \text{ psi}$

**SCOPE OF WORK**

1. Repair bridge deck.
2. Repair approach slab.
3. Repair of abutments.
4. Clean and reseal relief joints at end of approach slabs.
5. Replace preformed joint seal with silicone joint seal.
6. Apply concrete sealer to bridge decks, parapets, approach slabs, abutment seats and backwalls.



EXPIRATION DATE 11-30-10  
DATE 11/16/09



LOCATION SKETCH

**GENERAL PLAN AND ELEVATION**  
**I-290 OVER HILLSIDE DRIVE**  
**COOK COUNTY**  
**STATION 525+44**  
**STRUCTURE NO. 016-0986**

DESIGNED -	DMS
CHECKED -	EFS
DRAWN -	RMG
CHECKED -	KJN

**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  5 SHEETS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	290	(3031.1, ETC., 3838)RS-5	COOK	298	236
FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 60G52					