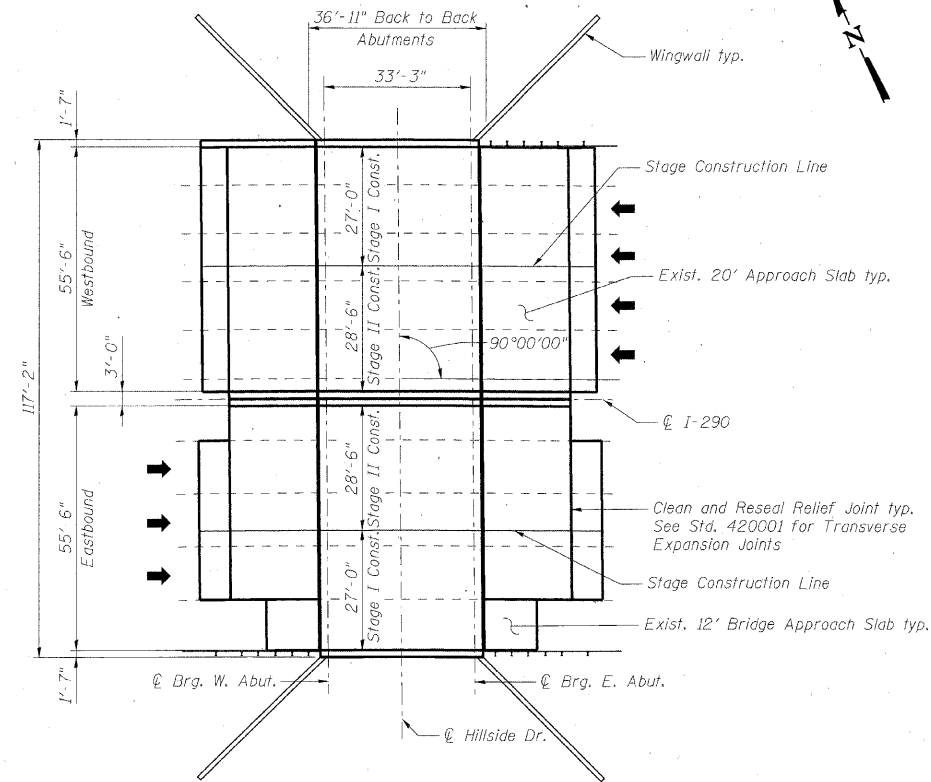


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

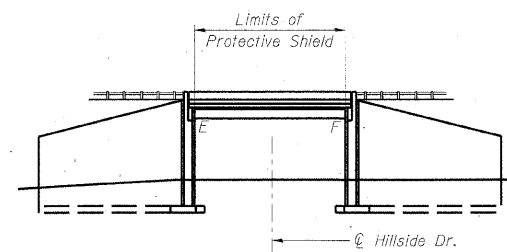
Existing Structure:  
Single span WF beam bridge, with closed abutments-cantilever type on spread footing 114'-0" wide by 36'-11" long, built as F.A. Route 131, Section 062-3737.3 M.F.T. Sta. 79+51.60 in 1955. The bridge was widened to 117'-2" in 1984.

Stage construction shall be utilized to maintain traffic during construction.

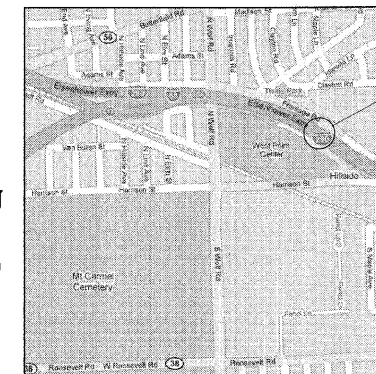
No salvage.



PLAN



ELEVATION



LOCATION SKETCH

DESIGN SPECIFICATIONS

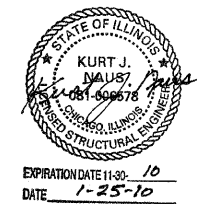
2002 AASHTO Standard Specifications for Highway Bridges, 17th Edition

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.



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

|          |     |
|----------|-----|
| DESIGNED | DMS |
| CHECKED  | EF5 |
| 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<br>5 SHEETS | F.A.I. RTE. | SECTION                | COUNTY   | TOTAL SHEETS     | SHEET NO. |
|                         | 290         | (3435, ETC., 3838)RS-5 | COOK     | 264              | 215       |
| FED. ROAD DIST. NO.     |             |                        | ILLINOIS | FED. AID PROJECT |           |
| CONTRACT NO. 60G52      |             |                        |          |                  |           |