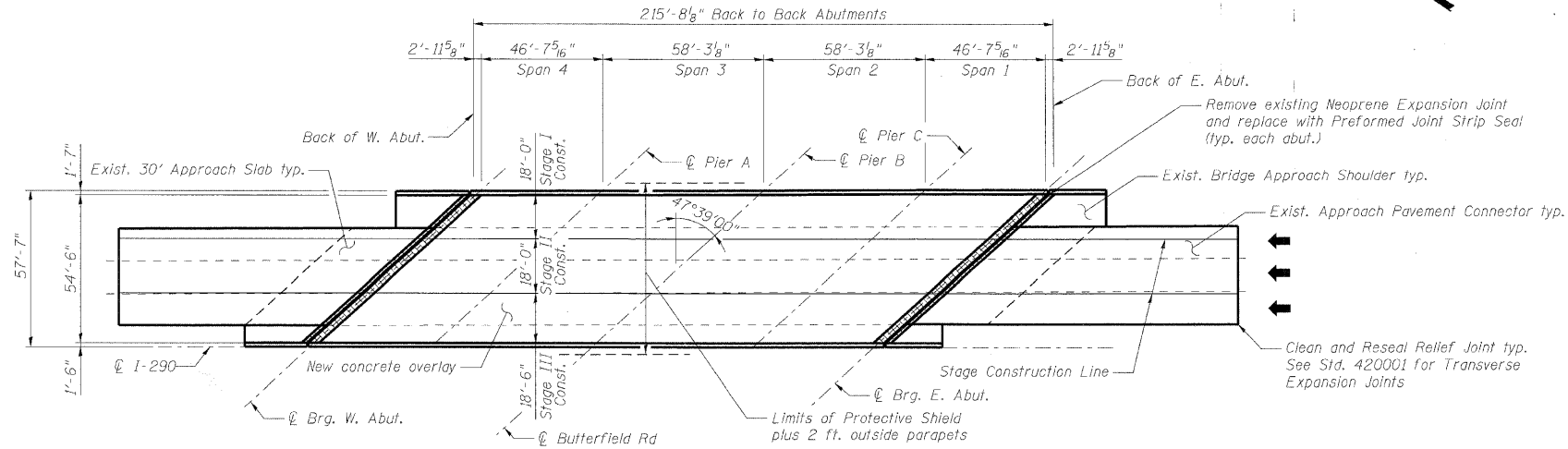


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

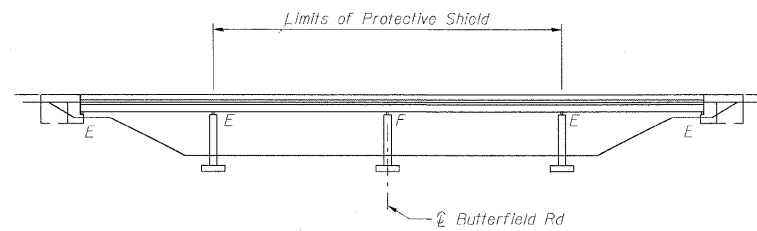
Existing Structure:
The structure is a four-span continuous wide flange steel structure with a 7.5-inch reinforced concrete deck with no overlay.
The original structure was built in 1959 as FAI-90 and is in Section 1984-082-R. In 1985, the bridge was widened and redecked, expansion joints were reconstructed, the substructure was repaired, and the superstructure was cleaned and painted. In 1996, the expansion joints were reconstructed and the deck and approach slabs were repaired.

Stage construction shall be utilized to maintain traffic during construction.

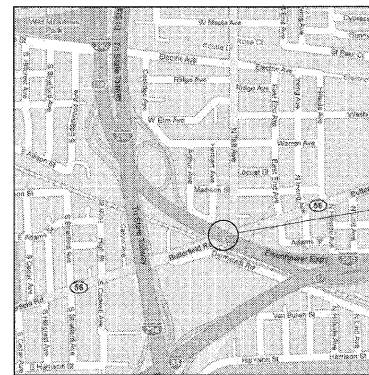
No salvage.



PLAN



ELEVATION



LOCATION SKETCH



Expiration Date 11-30-10
DATE: 11/16/09

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. Bridge Deck Hydro-scarification.
2. Repair bridge deck.
3. Repair approach slab.
4. Reconstruct deck joints at each abutment with preformed joint strip seal.
5. Place new overlay.
6. Repair parapet with formed concrete repair.
7. Repair substructure.
8. Clean and reseal relief joints at the end of approach pavement connectors.
9. Apply concrete sealer to parapets, abutment seats and backwalls.

GENERAL PLAN AND ELEVATION
I-290 WB OVER BUTTERFIELD RD.
COOK COUNTY
STATION 478+09
STRUCTURE NO. 016-0083

DESIGNED -	TJJ
CHECKED -	AAV
DRAWN -	RMG
CHECKED -	AAV

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 9 SHEETS	F.A.I. RTE. 290	SECTION 2009-099 BR	COUNTY COOK/DUPAGE	TOTAL SHEETS 309	SHEET NO. 131
	CONTRACT NO. 60I57				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			