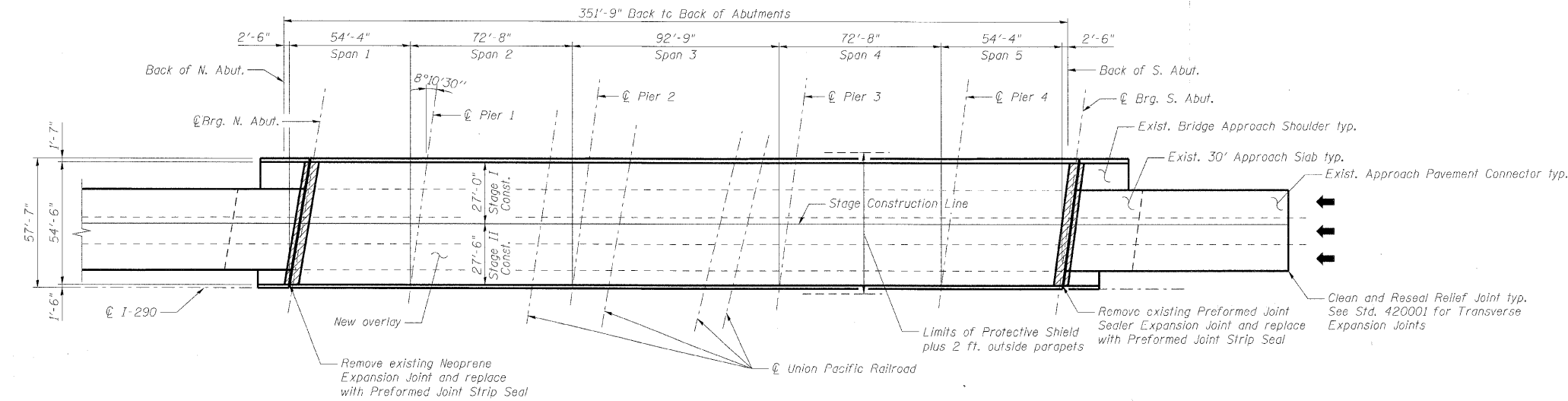


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

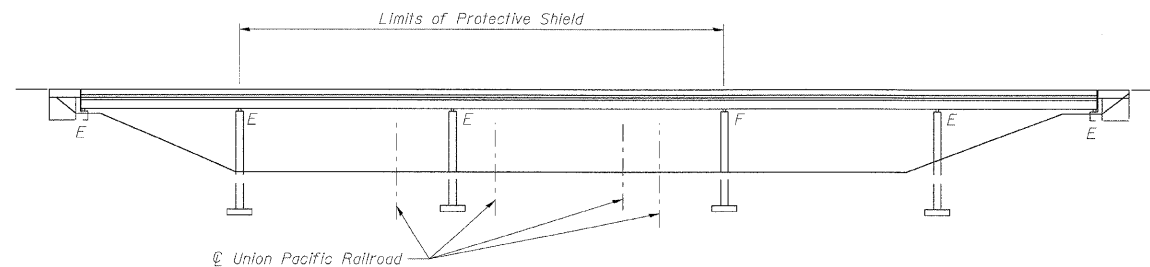
**Existing Structure:**  
The structure is a five-span continuous steel structure with a 7.5-inch reinforced concrete deck with no overlay. The original structure was built in 1958 and is in Section (100 & 100-1) R-84. In 1985, the bridge was widened and redecked, expansion joints were reconstructed, bearings were replaced, and the superstructure was cleaned and painted. In 1998, the expansion joints were reconstructed and approach slabs were repaired. In 2002, the crashwall was modified.

Stage construction shall be utilized to maintain traffic during construction.

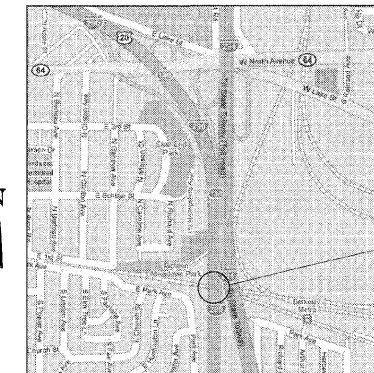
No salvage.



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. 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 slope wall at north abutment.
8. Clean and reseal relief joints at the end of approach pavement connectors.
9. Apply concrete sealer to parapets, and abutment seats and backwalls.



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

GENERAL PLAN AND ELEVATION  
I-290 WB OVER UNION PACIFIC  
RAILROAD (SOUTH)  
COOK COUNTY  
STATION 387+09  
STRUCTURE NO. 016-1132

DESIGNED -	TJJ
CHECKED -	AAY
DRAWN -	RMG
CHECKED -	AAY

**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	2009-099 BR	COOK/DUPAGE	309	165
FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 60157					