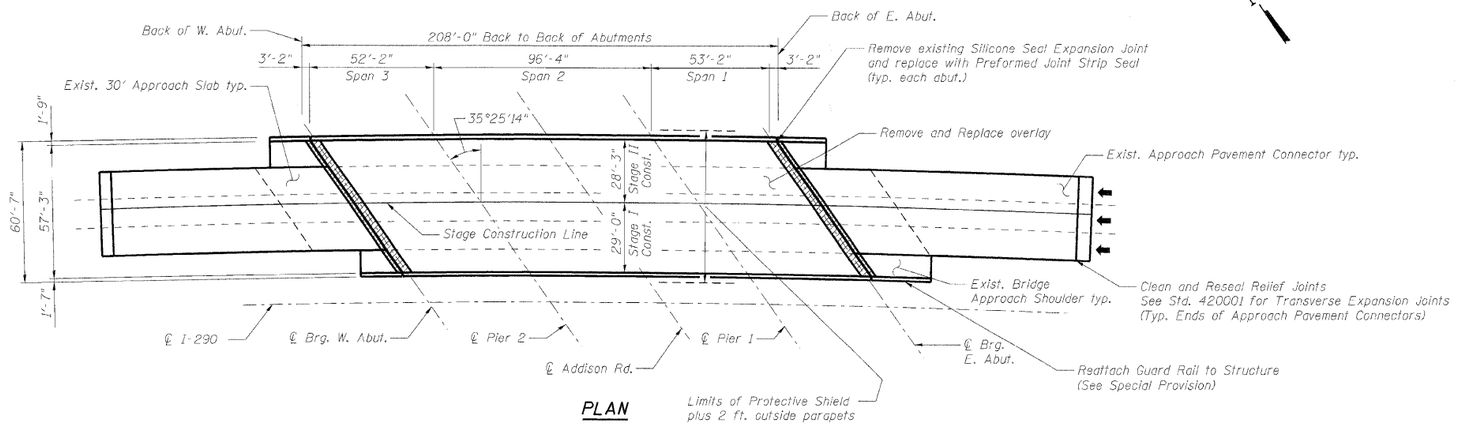
Existing Structure:
The structure is a three-span continuous, composite plate girder structure with an 8-inch cast-in-place concrete deck and a 2 1/2-inch concrete overlay.
The original structure was built in 1970 as FAI Route 290 and is in Section 1984-079-BW.
In 1985, the bridge was widened, patched and overlaid, the approach slabs were patched, and the expansion joints were reconstructed. In 1998, the expansion joints were reconstructed and the approach slabs were repaired.

Stage construction shall be utilized to maintain traffic during construction.

No salvage

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



PLAN

DESIGN SPECIFICATIONS

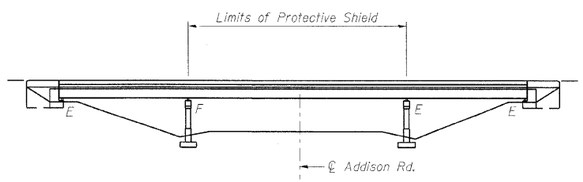
2002 AASHTO Standard Specifications for Highway Bridges, 17th Edition

DESIGN STRESSES

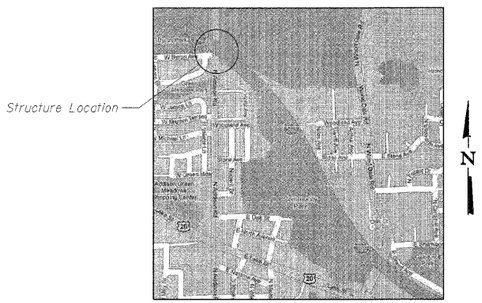
f'c = 3,500 psi
fy = 60,000 psi

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. Clean and reseal relief joints at the end of approach pavement connectors.
7. Apply concrete sealer to parapets, approach slabs, abutment seats and backwalls.



ELEVATION



LOCATION SKETCH

STATE OF ILLINOIS
MARK R. BENDIK
062-056615
ILLINOIS
STRUCTURAL ENGINEER
Expiration Date 11-30-10
DATE: 11/16/09

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

GENERAL PLAN AND ELEVATION
I-290 WB OVER ADDISON ROAD
DuPAGE COUNTY
STATION 121+43
STRUCTURE NO. 022-0095

SHEET NO. 1	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8 SHEETS	290 355	22(1, 1-1, 2&3)RS-7	DUPAGE	546	342
			CONTRACT NO. 60G51		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

x:\10000s\10050\engineering_documents_contract_1\SN_022_0095_0104_Addison_Rd\0095-60G51-001-gpe.dgn
18:06:17
11\12\2009