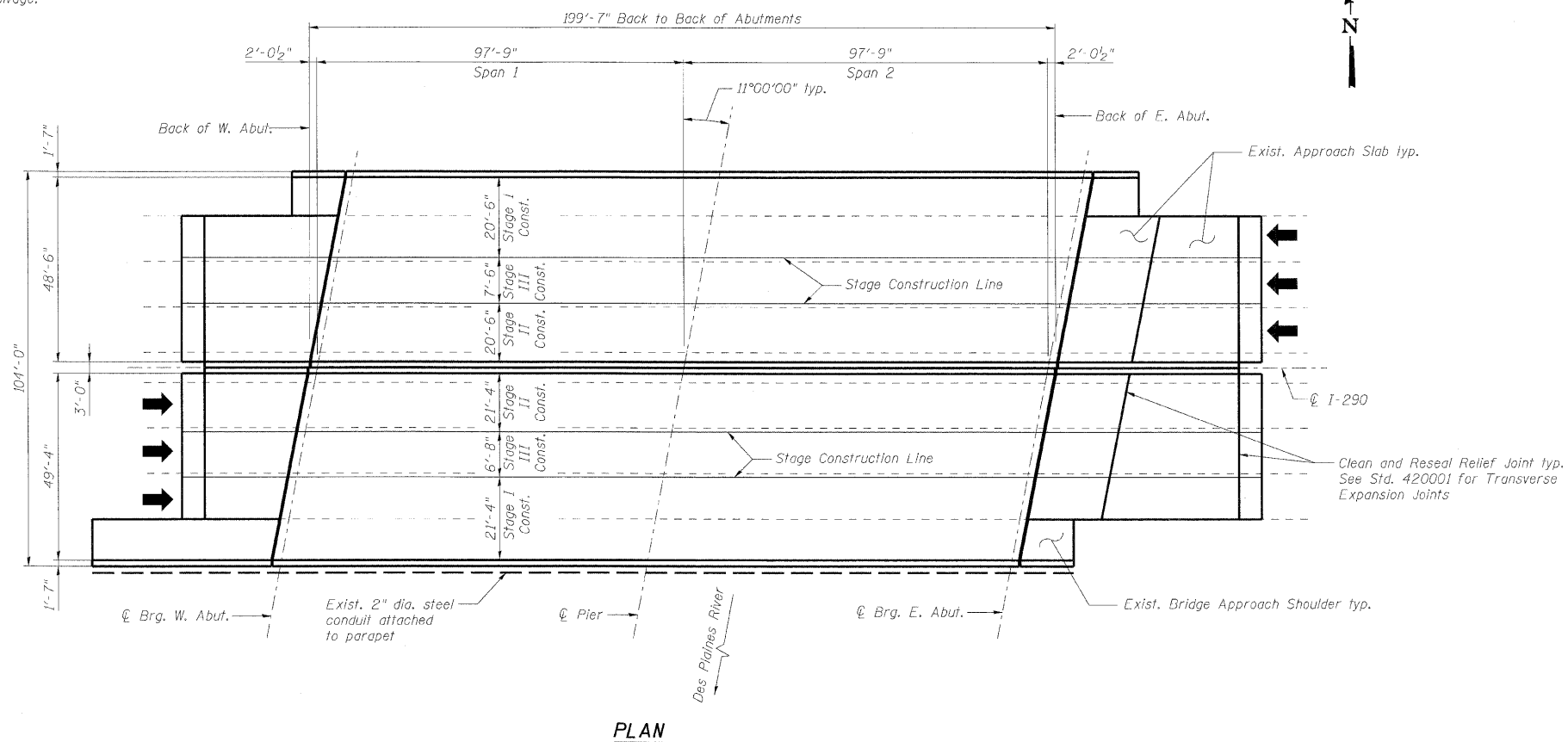


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

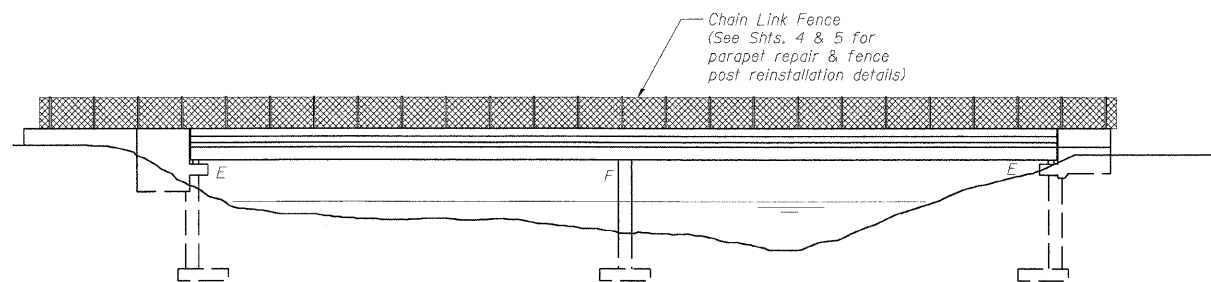
Existing Structure:
Existing Bridge No. 016-0090 at Sta. 22+27.21 F.A.I. Rte. 290 was built in 1958 as F.A. Rte. 1-Project I-01-4(1), Section 062-3434.1-150. It is a two span continuous composite wide flange beam bridge, 199'-7" bk. to bk. closed abutments cantilever type and solid pier on spread footing. The Bridge was widened in 1984 to 104'-0" O. to O.

Stage construction shall be utilized to maintain traffic during construction.

No salvage.



PLAN



ELEVATION

DESIGN SPECIFICATIONS

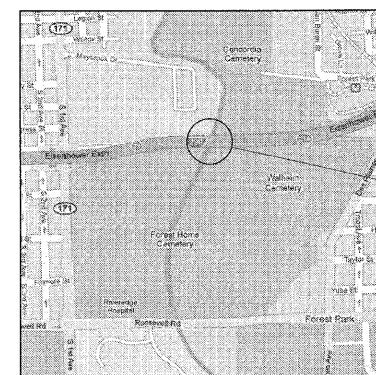
2002 AASHTO Standard Specifications for Highway Bridges, 17th Edition

DESIGN STRESSES

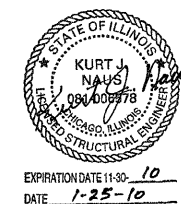
$f'_c = 3,500$ psi
 $f_y = 60,000$ psi

SCOPE OF WORK

1. Repair bridge decks.
2. Repair approach slabs.
3. Remove and reinstall chain link fence posts and base plates, including concrete repair along eastbound outside parapet.
4. Clean and reseal relief joints at end of approach slabs.
5. Replace preformed joint seals with silicone joint seals.
6. Apply concrete sealer to bridge decks, parapets, approach slabs, abutment seats and backwalls.



LOCATION SKETCH



GENERAL PLAN AND ELEVATION
I-290 OVER DES PLAINES RIVER
COOK COUNTY
STATION 721+68
STRUCTURE NO. 016-0090

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	(3131, ETC., 3435)RS-6	COOK	215	169
			CONTRACT NO. 60K10		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT	

x:\10000s\Engineering\Documents-Contract-2East\SN 016-0090_Des.Plaines_River\0090-60K10-001-gpe.dgn 10:09:15 01/25/2010