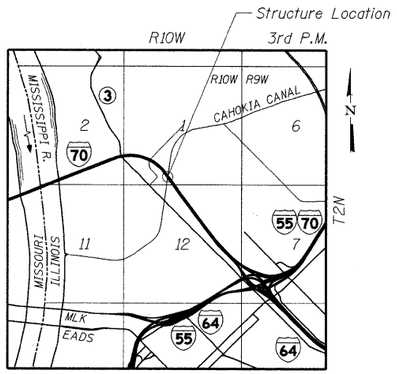
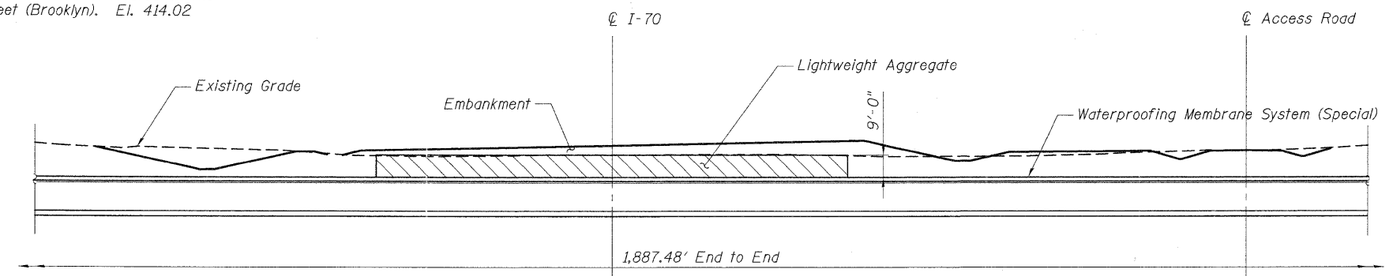
BENCH MARK: Monument No. 11: Aluminum disk set in the back of a 4.5′ concrete walk (end of walk), located on the west side of Illinois Route 3 approximately 0.3 miles south of Canal Street (Brooklyn). El. 414.02

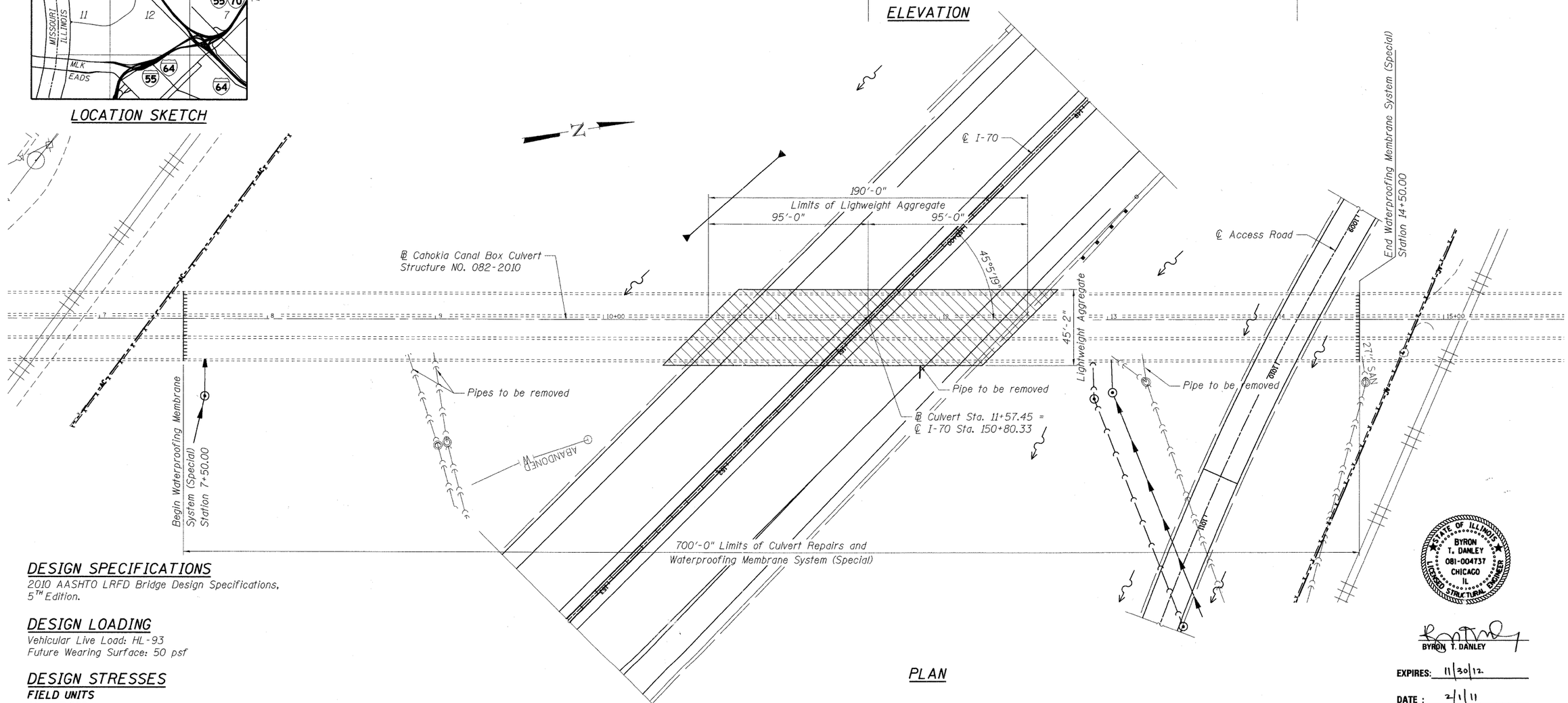
EXISTING STRUCTURE: None



LOCATION SKETCH



ELEVATION



PLAN

DESIGN SPECIFICATIONS

2010 AASHTO LRFD Bridge Design Specifications, 5TH Edition.

DESIGN LOADING

Vehicular Live Load: HL-93
Future Wearing Surface: 50 psf

DESIGN STRESSES

FIELD UNITS

f′c = 3,500 psi
fy = 60,000 psi (reinforcement)

EXISTING ELEMENTS

f′c = 3,500 psi
fy = 33,000 psi (reinforcement)

STATE OF ILLINOIS
BYRON T. DANLEY
081-004737
CHICAGO
IL
LICENSED STRUCTURAL ENGINEER

BYRON T. DANLEY

EXPIRES: 11/30/12

DATE : 2/1/11

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JLR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION I-70 CONNECTION CAHOKIA CANAL BOX CULVERT	GENERAL PLAN & ELEVATION	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - JLR	REVISED -			998	82-1A	ST. CLAIR	190 / 14
TENG TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - MDJ	REVISED -			SN 082-2010		CONTRACT NO. 76C41	
	PLOT DATE = $DATE$	DATE - 02/04/11	REVISED -		SCALE: SHEET NO. S-1 OF S-18 STA. 150+80.33 TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	