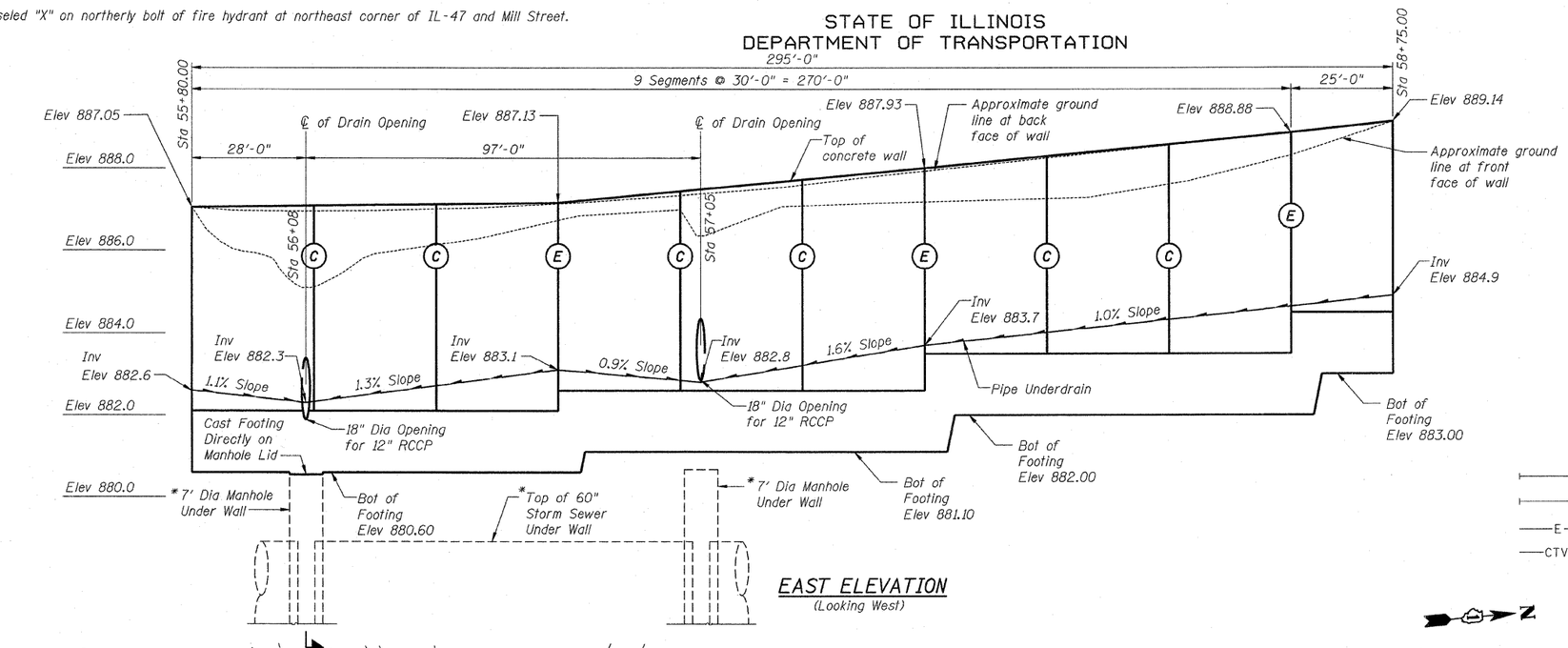
Benchmark: Chiseled "X" on northerly bolt of fire hydrant at northeast corner of IL-47 and Mill Street.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

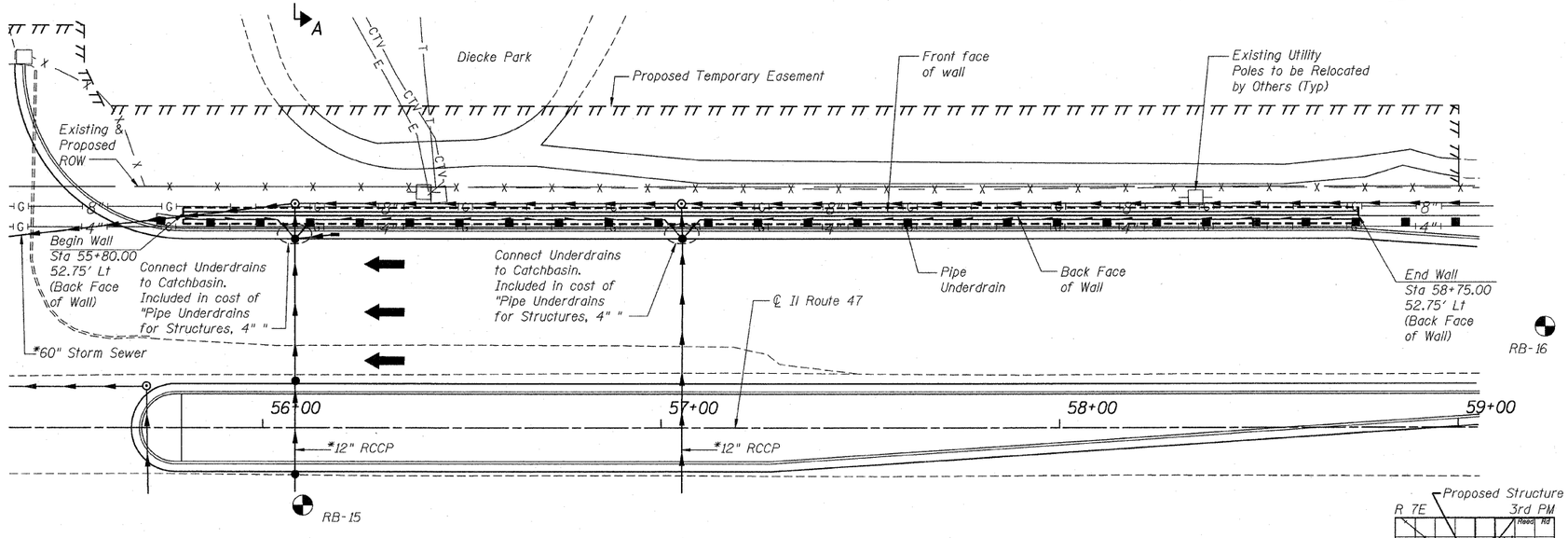
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 326	★	McHENRY	502	343
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 1
5 SHEETS

Contract No. 62882
★(105X & 106) WRS-2



EAST ELEVATION
(Looking West)



PLAN

DESIGN SPECIFICATIONS

AASHTO 2002 Standard Specification for Highway Bridges.

DESIGN STRESSES

f'c = 3,500 PSI
fy = 60,000 PSI
Maximum Allowable Soil Bearing Pressure = 2,000 PSF

LEGEND:

(E) Expansion Joint in wall stem. (See Sheet 4 of 5 for detail)
(C) Construction Joint in wall stem. (See Detail on Sheet 4 of 5)
Soil Boring Location
G 8" 8" Gas line to be Relocated by Others
G 4" 4" Gas line to be Relocated by Others
E E Electrical line to be Relocated by Others
CTV CTV Cable TV line to be Relocated by Others

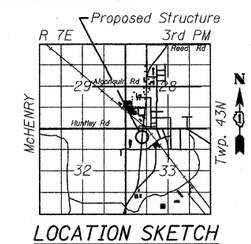
NOTES:

* See Drainage Plans for details

For Section A-A, see sheet 2 of 5.

STATE OF ILLINOIS
D. SCOTT ESHLEMAN
081-005155
CHICAGO
LICENSED STRUCTURAL ENGINEER
EXPIRATION DATE: 11-30-2010
DATE: 8/5/09

Stanley Consultants INC.
8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Illinois Firm Registration No.: 1184-001533



LOCATION SKETCH

DESIGNED	DSE
CHECKED	BG
DRAWN	TWK
CHECKED	BG
DATE:	Aug. 5, 2009

GENERAL PLAN & ELEVATION
IL ROUTE 47
DIECKE PARK RETAINING WALL
F.A.P. 326-SECT.(105X & 106) WRS-2
McHENRY COUNTY
STATION 57+27.50