STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

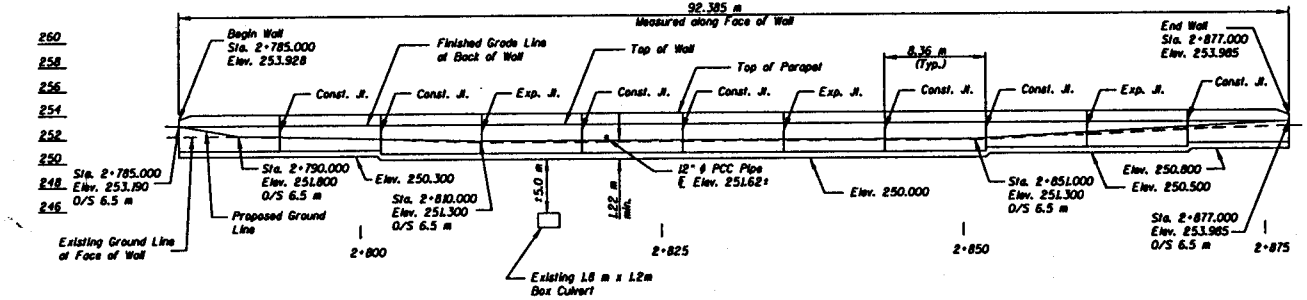
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	"RE"	SHEET NO. 1
F.A.P. 704	(1)	McLEAN			1 SHEETS
CONTRACT NO.		ILLINOIS FED. AID PROJECT			

BENCHMARK

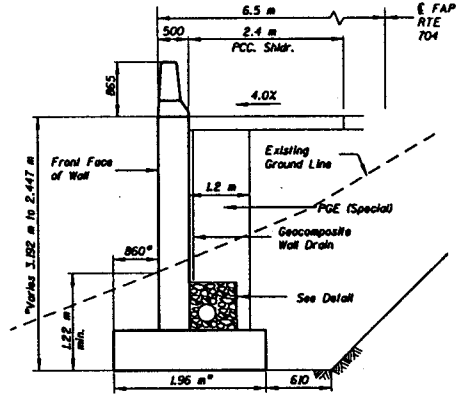
Square cut in the northwest corner of a concrete intake on the south side of Greenwood Avenue East at the west edge of the mobile home park. Station 10+407.6 3.4 m Right of the proposed Greenwood Avenue East alignment. Elevation 249.710.

EXISTING STRUCTURE

No existing structure.



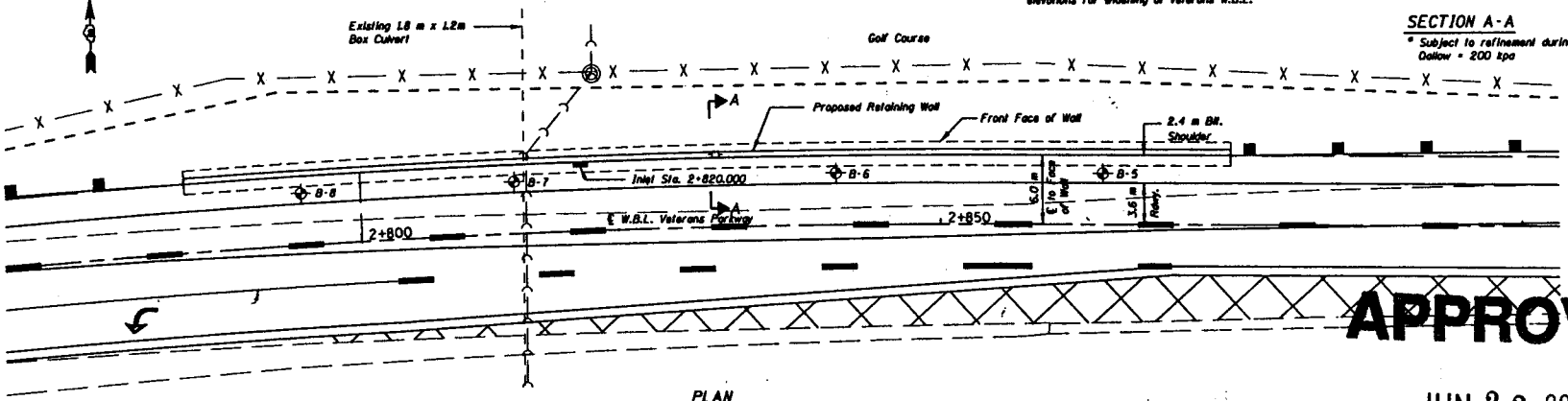
ELEVATION



* Top of wall to match proposed edge of shoulder elevations for widening of veterans W.B.L.

SECTION A-A

* Subject to refinement during final design. Allow = 200 kpa



PLAN

CURVE DATA

F.A.P. Route 704 (I-55 BL)
CVSB - 3
Δ = 22°45'00" (RT)
R = 882.258 m
T = 177.494 m
L = 350.312 m
E = 17.677 m
PC = 2+504.540
PI = 2+682.034
PT = 2+854.852

APPROVED

JUN 2 2 2005

Station	O/S	Top of Wall Elev.
2+785.000	6.500	253.190
2+790.000	6.500	253.202
2+800.000	6.500	253.194
2+810.000	6.500	253.166
2+820.000	6.500	253.123
2+830.000	6.500	253.125
2+840.000	6.500	253.148
2+850.000	6.500	253.185
2+860.000	6.500	253.223
2+870.000	6.500	253.236
2+877.000	6.500	253.247

HIGHWAY CLASSIFICATION

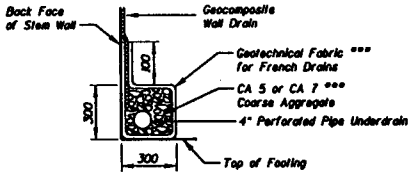
F.A.P. Route 704 (I-55 BL)
ADT: 21,100 (1998) ; 24,500 (2002)
DHV: 2,450 (2002)
Functional Class: Regional Arterial
Design Speed: 75 km/hr

DESIGN SPECIFICATIONS

AASHTO 2002

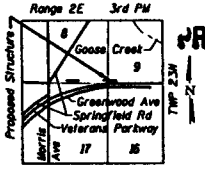
DESIGN STRESSES

FIELD UNITS
f'_c = 24 MPa
f_y = 420 MPa (Reinf.)



Pipe Underdrain Detail

*** Cost included with "Pipe Underdrains for Structures".



LOCATION SKETCH

DESIGNED	DAF
CHECKED	DLB
DRAWN	DAF
CHECKED	DLB

DATE: 05-05-05

AS A BASIS FOR PREPARATION OF DETAILED PLANS

GENERAL PLAN
RETAINING WALL ALONG
W.B.L. VETERANS PARKWAY
F.A.P. ROUTE 704 SECTION (1) N&TS-1
McLEAN COUNTY
STATION 2+785.000 TO 2+877.000
STRUCTURE NO. 057-W002