

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

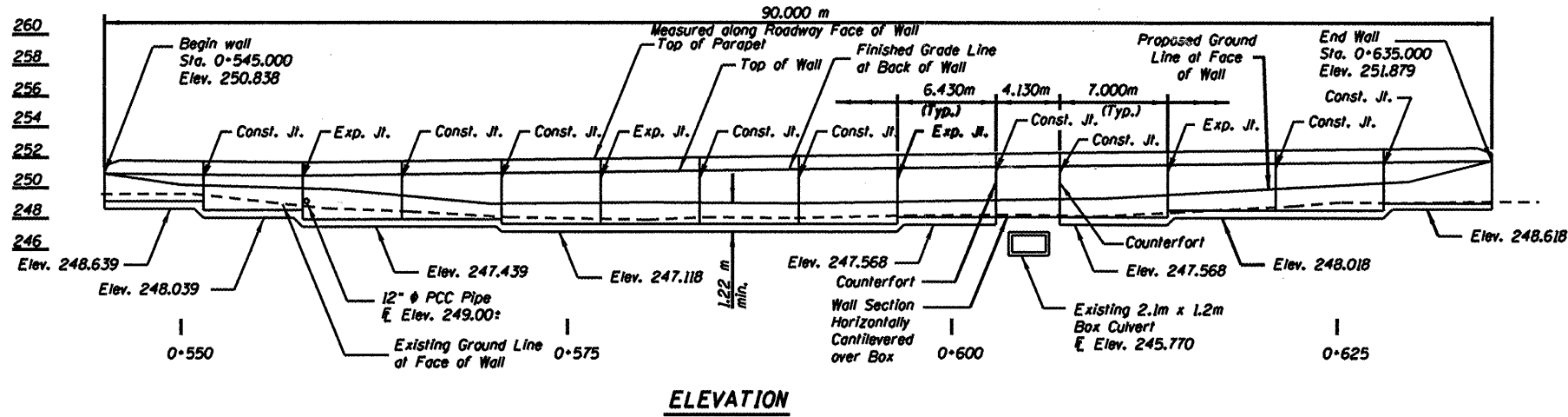
No existing structure.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET	SHEET NO. 1
F.A.P. 704	(D)	MCLEAN	497 270	11 SHEETS
CONTRACT NO. 70514				

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment, Special	Cu M	300
Structure Excavation	Cu M	381
Concrete Structures	Cu M	258
Reinforcement Bars, Epoxy Coated	Kg	21,190
Geocomposite Wall Drain	Sq M	259
Pipe Under Drains for Structures, 100mm	M	90.0
Protective Coat	Sq M	109
Porous Granular Embankment, Special CA-6	Cu M	54



Six Points
O/S To
Front Face
of Walls
(Meters)

Station	Top of Wall Elev.	Finished Grade F.F. of Wall Elev.
0+545.000	7.482	250.838
0+550.000	7.318	250.817
0+560.000	6.990	250.807
0+570.000	6.662	250.841
0+580.000	6.335	250.920
0+590.000	6.007	251.041
0+600.000	5.679	251.207
0+610.000	5.351	251.408
0+620.000	5.350	251.607
0+630.000	5.350	251.793
0+635.000	5.350	251.880

** Top of wall to match proposed edge of shoulder elevations for Six Points Road.

DESIGN SPECIFICATIONS

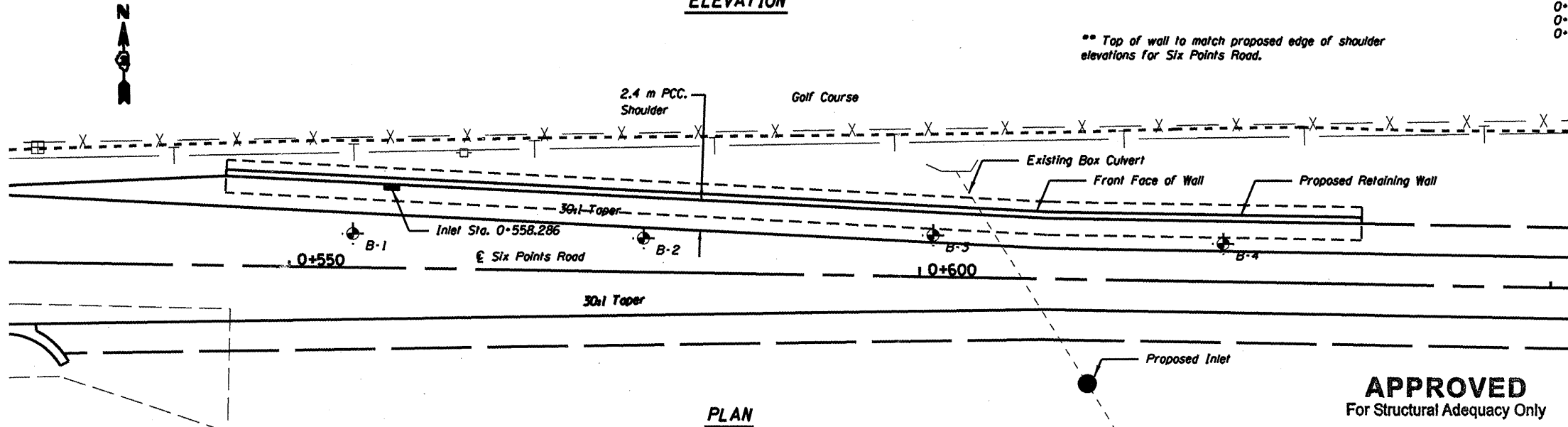
AASHTO 2002

DESIGN STRESSES

FIELD UNITS
f_c = 24 MPa
f_y = 420 MPa (Reinf.)

INDEX OF SHEETS

1. GENERAL PLAN
- 2.-5. ELEVATION
- 6.-7. SECTIONS
8. DETAILS AND SECTIONS
9. DETAILS
- 10.-11. SOIL BORINGS

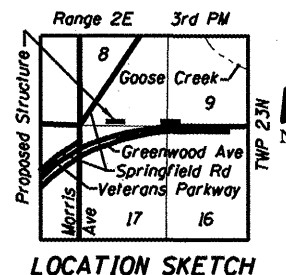


APPROVED
For Structural Adequacy Only

Ralph E. Anderson (JTD)
Engineer of Bridges & Structures

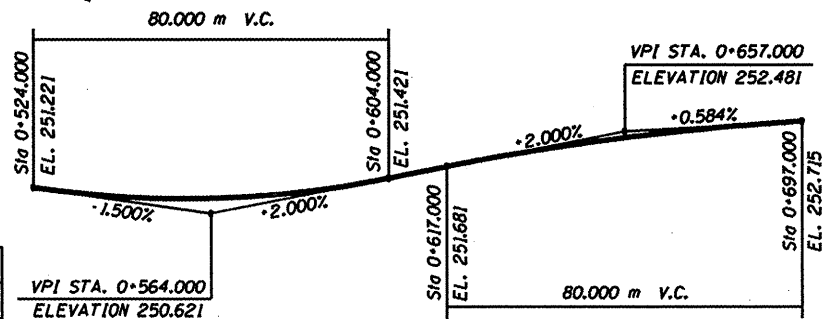


Signature: *William C. Thompson, Jr.*
Date: 8/19/10
Exp. Date: 11/30/2010



GENERAL NOTES

- Protective coat shall be applied to the top and exposed inside faces of wall.
- See sheet 6 thru 8 of 11 for wall thru sections and details.
- ⊕ Denotes soil boring location
- Reinforcement bars shall conform to the requirements of ASTM A 706M GR. 420. See Special Provisions.
- All exposed edges of the concrete facing shall be chamfered 20mm.
- All dimensions are in millimeters (mm) except as noted.
- The footing excavation shall be cleaned of loose material and replaced with Porous Granular Embankment, Special CA-6 prior to pouring the concrete.



SIX POINTS EAST ROADWAY PROFILE

SHIVE HATTERY

DESIGNED	JDA
CHECKED	WCT
DRAWN	MAC
CHECKED	WCT

DATE: 06-25-10