

GENERAL NOTES

- No field welding is permitted except as specified in the contract documents.
- Reinforcement bars shall conform to the requirements of ASTM A 706 Grade 60. See Special Provisions.
- Reinforcement bars designated (E) shall be epoxy coated.
- The Contractor is responsible for the design and performance of the lagging using no less than a 3 in. nominal rough-sawn thickness and timber with a minimum allowable bending stress of 1,000 psi.
- The clear cover for reinforcement bars to the surface of concrete shall be 2" unless otherwise shown.
- Protective Coat shall be applied to the top and shared use path face of the parapet for the full length of the wall. Protective Coat shall also be applied to the top surface of the cantilever slab structure and approach slabs.
- Concrete Sealer shall be applied to the exposed front face of the retaining wall, parapet, and underside of the cantilever slab.

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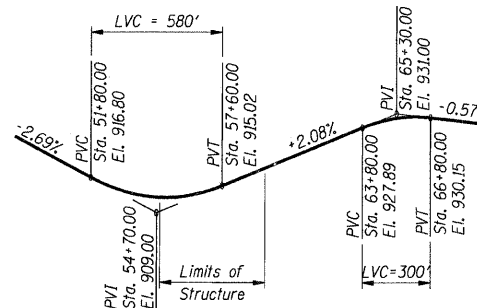
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TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	Cu Yd	589
Structure Excavation	Cu Yd	94
Concrete Structures	Cu Yd	302.5
Form Liner Textured Surface	Sq Ft	3,953
Protective Coat	Sq Yd	344
Stud Shear Connectors	Each	1,056
Untreated Timber Lagging	Sq Ft	3,080
Reinforcement Bars, Epoxy Coated	Pound	46,500
Parapet Railing	Foot	465
Furnishing Soldier Piles (W Section)	Foot	1,302
Drilled Shaft in Soil	Cu Yd	20.9
Concrete Sealer	Sq Ft	4,716
Geocomposite Wall Drain	Sq Yd	280
Pipe Underdrains for Structures 4"	Foot	478
Drilling and Setting Soldier Piles (in Soil)	Cu Ft	5,540

WALKUP ROAD HORIZONTAL CURVE DATA

PROP. CURVE WALKPR-1	PROP. CURVE WALKPR-2
PI STA. = 56+89.22	PI STA. = 58+90.69
$\Delta = 1^\circ 59' 27''$ (LT)	$\Delta = 1^\circ 59' 27''$ (RT)
$D = 0^\circ 59' 16''$	$D = 0^\circ 59' 19''$
$R = 5,800.00'$	$R = 5,796.18'$
$T = 100.78'$	$T = 100.71'$
$L = 201.54'$	$L = 201.40'$
$E = 0.88'$	$E = 0.87'$
P.C. STA. = 55+88.44	P.C. STA. = 57+89.98
P.T. STA. = 57+89.98	P.T. STA. = 59+91.38



PROFILE GRADE

(Along \mathcal{C} & PGL of Walkup Road)

Note:
1. Work this sheet with sheets SB-1 thru SB-14.

SHT. SB-2

REVISIONS	
NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085
SECTION 00-00246-02-FP
STATION 54+85.02 TO 59+49.91
VETERAN ACRES PARK RETAINING WALL

GENERAL NOTES TOTAL BILL OF MATERIAL

SCALE: N.T.S. DRAWN BY: CPB
DATE: 04/15/11 CHECKED BY: TCG

TENG

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