

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ELEVATION CHART

**LENGTH FROM EAST END OF WALL	**STATION AT FRONT FACE OF WALL (ft)	TOP OF WALL ELEVATION AT FRONT FACE OF WALL (ft)	HEIGHT OF WALL (ft)
0	23+09.89	577.60	8.1
17'-0"	23+27.61	577.70	8.2
47'-0"	23+58.82	577.90	8.4
77'-0"	23+90.00	578.10	8.6
107'-0"	24+21.18	578.50	7.5
137'-0"	24+52.39	578.80	7.8
154'-0 1/2"	24+70.15	579.00	8.0

\*\* Measured along front face of retaining wall.

ROUTE NO.	SECTION	COUNTY	STATE SHEETS	SHEET NO.	SHEET NO.
290	2007-059 T	COOK	60	42	2

4 SHEETS

Contract #60D93

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment (Special)	Cu Yd	80.0
Structure Excavation	Cu Yd	573.0
Concrete Structures	Cu Yd	110.5
Reinforcement Bars, Epoxy Coated	Pound	8,760
Protective Coat	Sq Yd	128
Geocomposite Wall Drain	Sq Yd	77.0
Pipe Underdrain for Structures, 4"	Foot	160.3

INDEX OF DRAWINGS

Sheet No.	Title
1 of 4	General Plan & Elevation
2 of 4	General Notes & Total Bill of Material
3 of 4	Wall Plan and Elevation
4 of 4	Wall Details & Bar Schedule

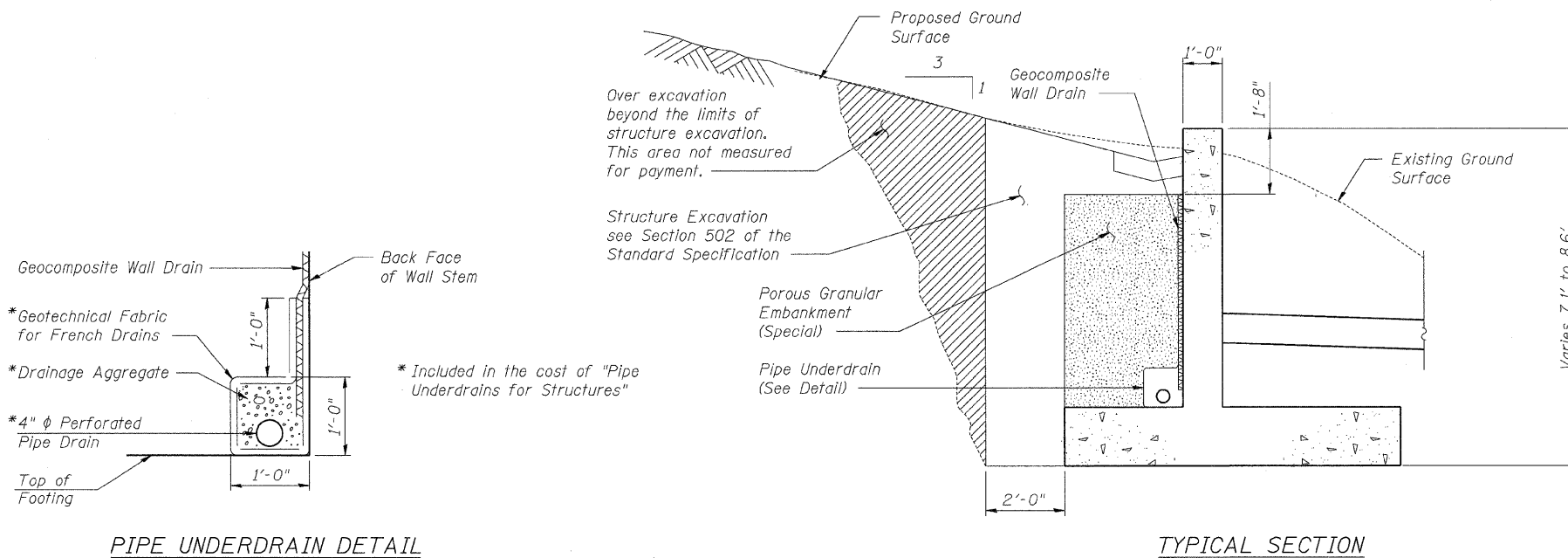
GENERAL NOTES

- Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60 (IL Modified). See Special Provisions.
- Cover from face of concrete to face of reinforcement bars shall be 3" for surfaces formed against earth and 2" for all other surfaces unless otherwise shown.
- Reinforcing bar bending dimensions are out to out.
- Reinforcement bars designated (E) shall be epoxy coated.
- Reinforcement bar splices shall be in accordance with the following table unless shown otherwise on the drawing.

Minimum Lap

Size	Lap
#4	1'-8"
#5	2'-2"

- No construction joints except those shown on the plans will be allowed unless ordered by the engineer.
- An application of Protective Coat shall be applied to the top and traffic face of the wall.
- Geocomposite wall drain is to be continuous over the entire length of the back face of the concrete wall.
- When excavating for the wall's footing, the Contractor shall use a method that will result in minimal disturbance to the underlying soil.
- Brace excavation at East end of wall adjacent to existing wall to prevent undermining existing wall. Cost of braced excavation shall be included in the pay item cost for Structure Excavation.



DESIGNED	NDR
CHECKED	DSE
DRAWN	TWK
CHECKED	DSE



GENERAL NOTES & TOTAL BILL OF MATERIAL  
CIRCLE INTERCHANGE RETAINING WALL  
I-94/I-290  
FROM I-290 EB RAMP  
TO DES PLAINES AVE  
F.A.I. 94/290-SECT. (2007-057T)  
COOK COUNTY