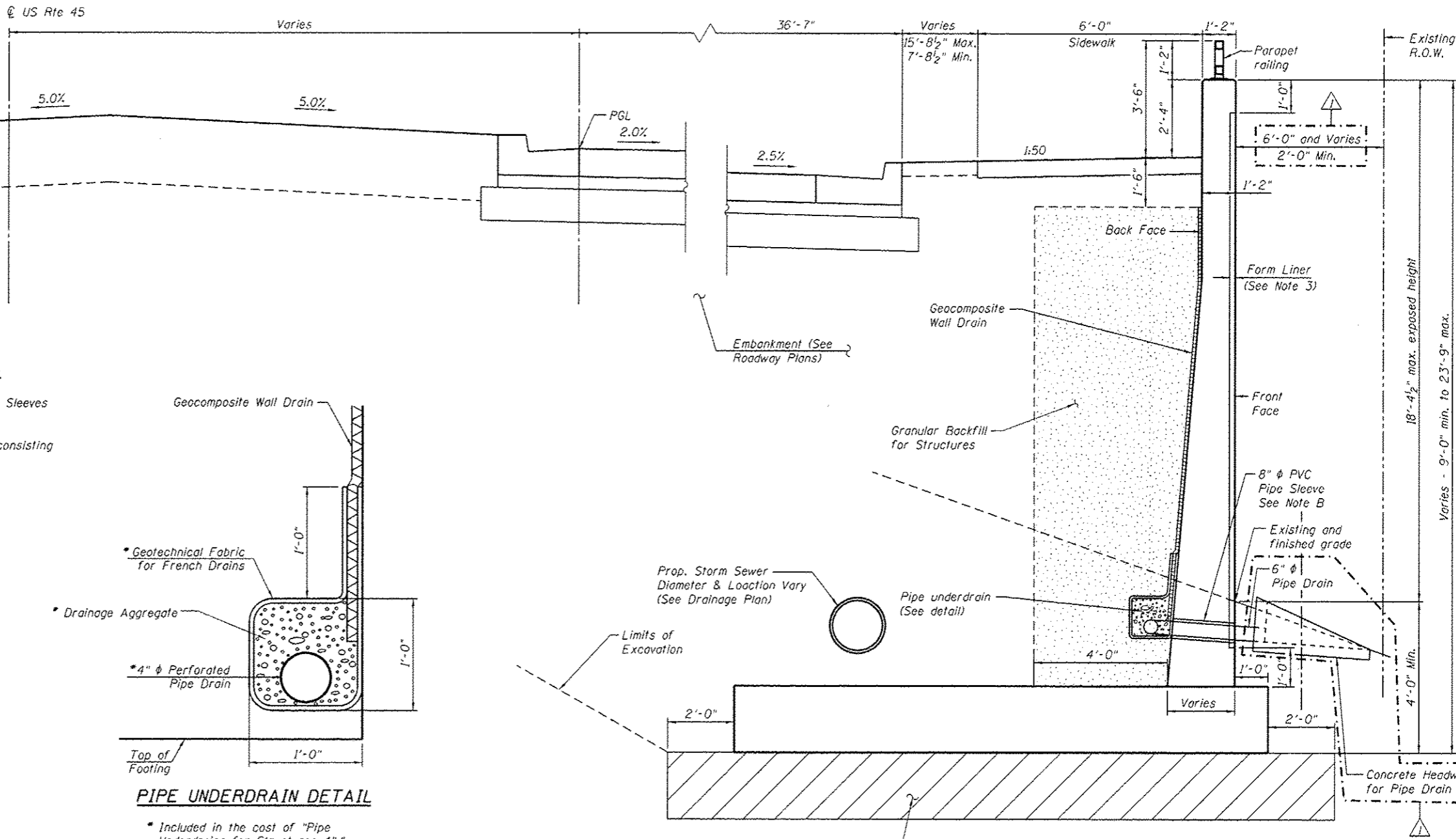


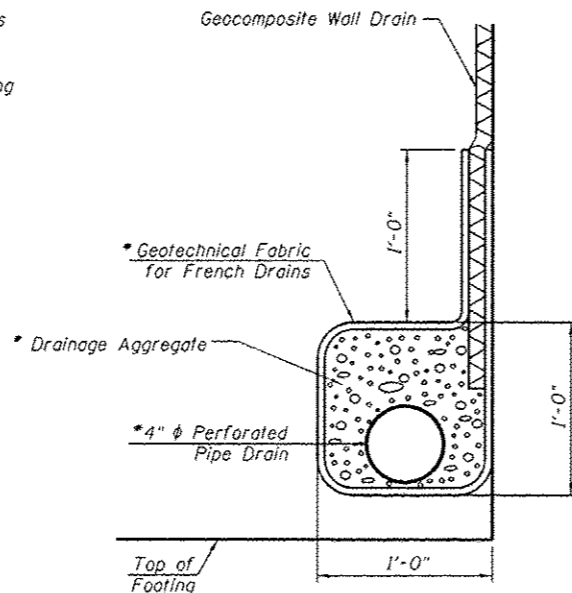
STA. 328+69.83 TO 335+97.47
 BUILT 20__ BY
 STATE OF ILLINOIS
 F.A.P. RT. 330 SEC. 103R-5
 LOADING HL-93
 STR. NO. 016-2007

NAME PLATE
 See Std. 515001



GENERAL NOTES

1. Reinforcement bars designated (E) shall be epoxy coated.
2. Cut wall reinforcement as required to fit 8" ϕ PVC Pipe Sleeves for 4" Pipe Drains.
3. The form liner shall be a random Ashlar blend pattern consisting of the following block sizes:
 1. 28% - 4" X 18"
 2. 16% - 8" X 8"
 3. 28% - 8" X 11"
 4. 28% - 8" X 18"



PIPE UNDERDRAIN DETAIL

* Included in the cost of "Pipe Underdrains for Structures 4".

INDEX OF SHEETS

1. General Plan & Elevation
2. General Details & Bill of Material
3. Detailed Plan and Elevation 1
4. Detailed Plan and Elevation 2
5. Detailed Plan and Elevation 3
6. Detailed Plan and Elevation 4
7. Sections and Details
8. Bill of Material
9. Parapet Railing
10. Soil Borings 1
11. Soil Borings 2
12. Soil Borings 3

Limits of "Removal and Disposal of Unsuitable Material for Structures." Backfill with "Granular Embankment, Special" (compacted CA-6).

TYPICAL WALL SECTION

Note B:
Provide 8" ϕ PVC Pipe Sleeve embedded in concrete for 6" ϕ Pipe Drain. Cost included in "Pipe Underdrains for Structures 4". For locations and invert elevations see Sheets 3 thru 6.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Granular Embankment, Special	Cu. Yd.	265
Structure Excavation	Cu. Yd.	3,328
Removal and Disposal of Unsuitable Material for Structures	Cu. Yd.	265
Concrete Structures	Cu. Yd.	1,397.8
Form Liner Textured Surface	Sq. Ft.	10,272
Reinforcement Bars, Epoxy Coated	Pound	201,020
Parapet Railing	Foot	732
Name Plates	Each	1
Geocomposite Wall Drain	Sq. Yd.	993
Granular Backfill for Structures	Cu. Yd.	1,498
Pipe Underdrains for Structures 4"	Foot	840

URS
 870 S. WACKER DR.
 SUITE 500
 CHICAGO, IL 60605
 TEL 312.959.3000
 FAX 312.959.4098

FILE NAME: 0162007-60M62-002-GND.dgn	USER NAME: orson_khon	DESIGNED: PMH	REVISED: 04/12/2013 P.M.H.
		CHECKED: MJL	REVISED:
		DRAWN: PMH	REVISED:
		CHECKED: MJL	REVISED:

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GENERAL DETAILS & BILL OF MATERIAL
 STRUCTURE NO. 016-2007

SHEET NO. 2 OF 12 SHEETS

F.A.P. RTE. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 463
			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				