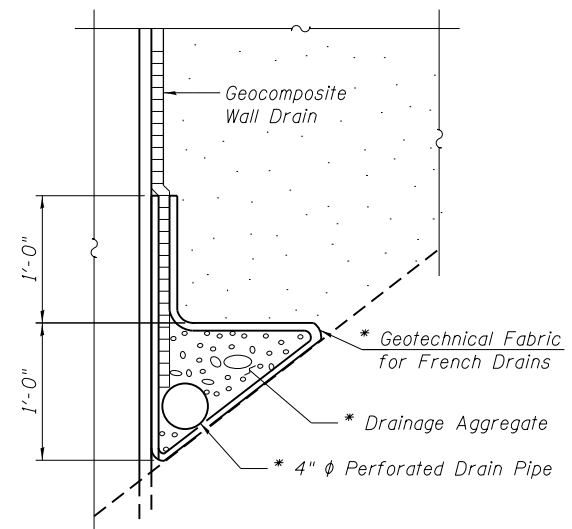
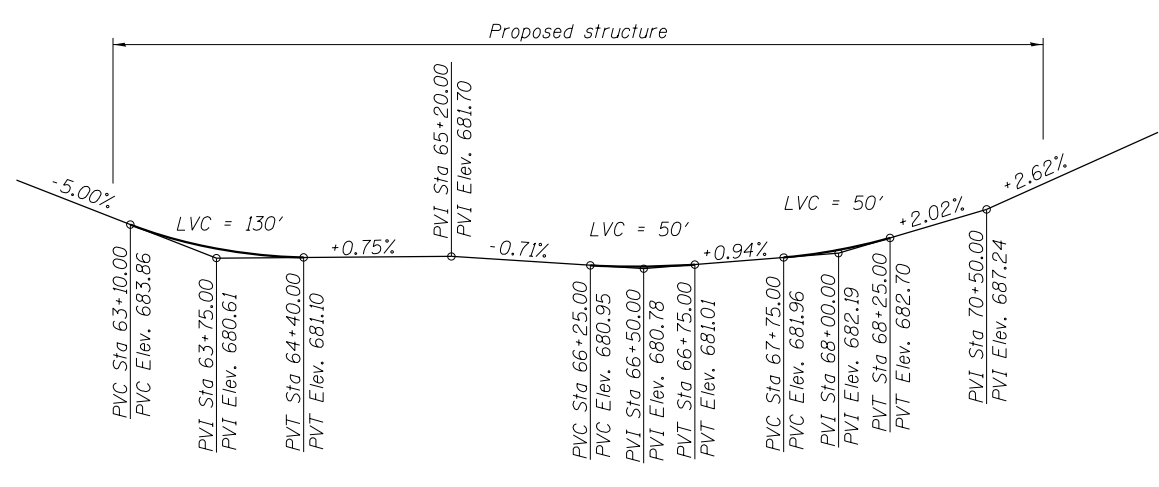


SECTION THRU SHEET PILE WALL
(Looking North)

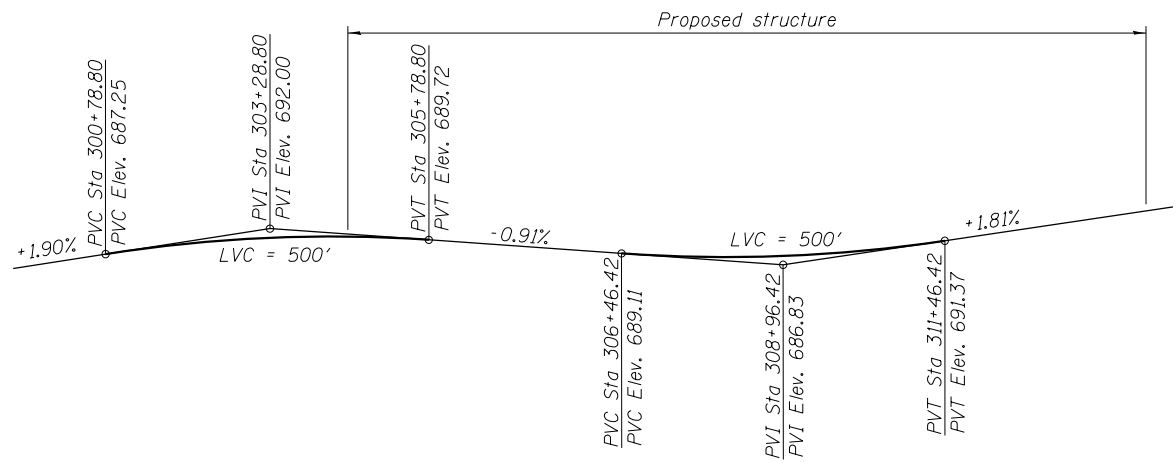


PIPE UNDERDRAIN DETAIL

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



PROFILE GRADE-PROPOSED MUTLI-USE PATH
(along PGL path)



PROFILE GRADE-PROPOSED LAGRANGE RD
(along PGL roadway)

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structure Excavation	Cu. Yd.	13
Concrete Structures	Cu. Yd.	161.7
Furnishing and Erecting Structural Steel	Pound	5,500
Stud Shear Connectors	Each	1,290
Reinforcement Bars	Pound	680
Reinforcement Bars, Epoxy Coated	Pound	11,620
Geocomposite Wall Drain	Sq. Yd.	114
Permanent Steel Sheet Piling	Sq. Ft.	28,731
Granular Backfill for Structures	Cu. Yd.	189
Ornamental Railing	Foot	950
Pipe Underdrains for Structures 4"	Foot	998

GENERAL NOTES

- Fasteners shall be ASTM A325 Type 3, mechanically galvanized bolts. Bolts $\frac{3}{4}$ in. ϕ , holes $\frac{13}{16}$ in. ϕ unless otherwise noted.
- Calculated weight of Structural Steel = 5,500 lbs.
- All structural steel shall be AASHTO M 270 Grade 50W.
- No field welding is permitted except as specified in the contract documents.
- Reinforcement bars designated (E) shall be epoxy coated.
- Concrete cap shall be constructed after backfill is in place.
- All exposed corners shall have a 1" chamfer.

INDEX OF SHEETS

- General Plan & Elevation
- General Details & Bill of Material
- Detailed Plan and Elevation 1
- Detailed Plan and Elevation 2
- Detailed Plan and Elevation 3
- Detailed Plan and Elevation 4
- Detailed Plan and Elevation 5
- Detailed Plan and Elevation 6
- Waler and Headwall Details
- Soil Borings 1
- Soil Borings 2
- Soil Borings 3
- Soil Borings 4
- Soil Borings 5
- Soil Borings 6
- Soil Borings 7
- Soil Borings 8
- Soil Borings 9
- Soil Borings 10
- Soil Borings 11
- Soil Borings 12

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FILE NAME = 0162006-60M62-002-GND.dgn	USER NAME = Anthony.Plutz	DESIGNED - PMH	REVISED -
		CHECKED - AMK	REVISED -
	PLOT SCALE = 4:8.0000 "1" = 1"	DRAWN - PMH/AMV	REVISED -
	PLOT DATE = 3/13/2013	CHECKED - AMK	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL DETAILS & BILL OF MATERIAL
STRUCTURE NO. 016-2006

SHEET NO. 2 OF 21 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	442
CONTRACT NO. 60M62				
ILLINOIS FED. AID PROJECT				