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WALL TYPES

CIP = Cast-in-place
Sht. Pile = Permanent steel sheet piling with concrete facing

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications for Highway Bridges

DESIGN STRESSES

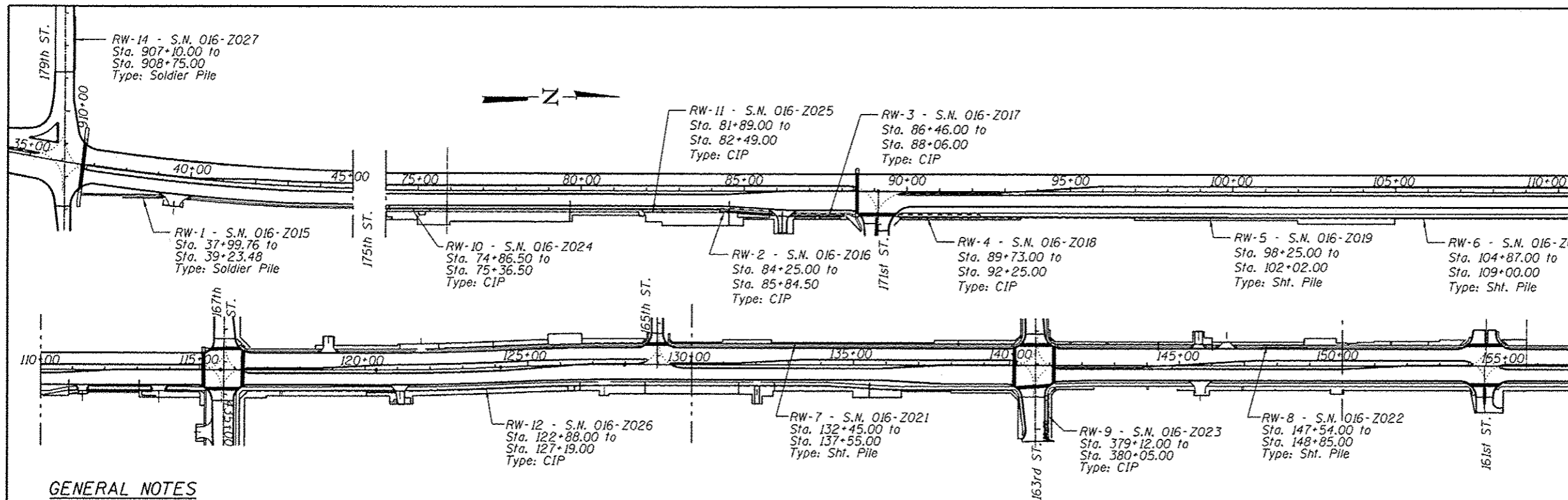
FIELD UNITS

$f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)
 $f_y = 50,000$ psi (M270 Grade 50 HP Piles)
 $f_y = 50,000$ psi (ASTM A 572 Grade 50 Sheet Piling)

EXISTING UTILITY LEGEND

- A — Aerial Lines
- CTV — Cable TV
- E — Electric
- FO — Fiber Optic
- G — Gas
- S — Sanitary Sewer
- T — Telephone
- W — Water

KEY PLAN & GENERAL NOTES
U.S. ROUTE 45 - LaGRANGE ROAD
FAP RTE. 330 - SEC 103R-3
COOK COUNTY



GENERAL NOTES

Reinforcement bars designated (E) shall be epoxy coated.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

The Contractor shall use care when excavating around existing foundations and utilities. Any damage caused to existing facilities shall be repaired or replaced at the Contractor's expense.

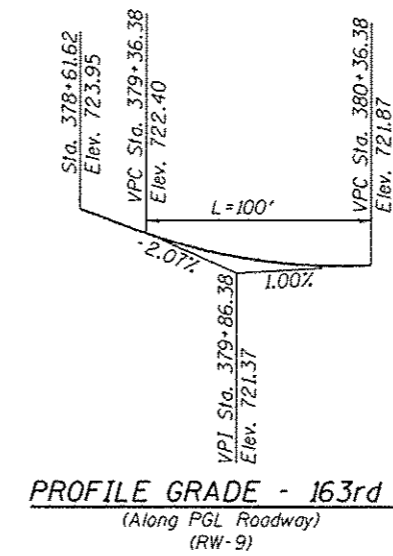
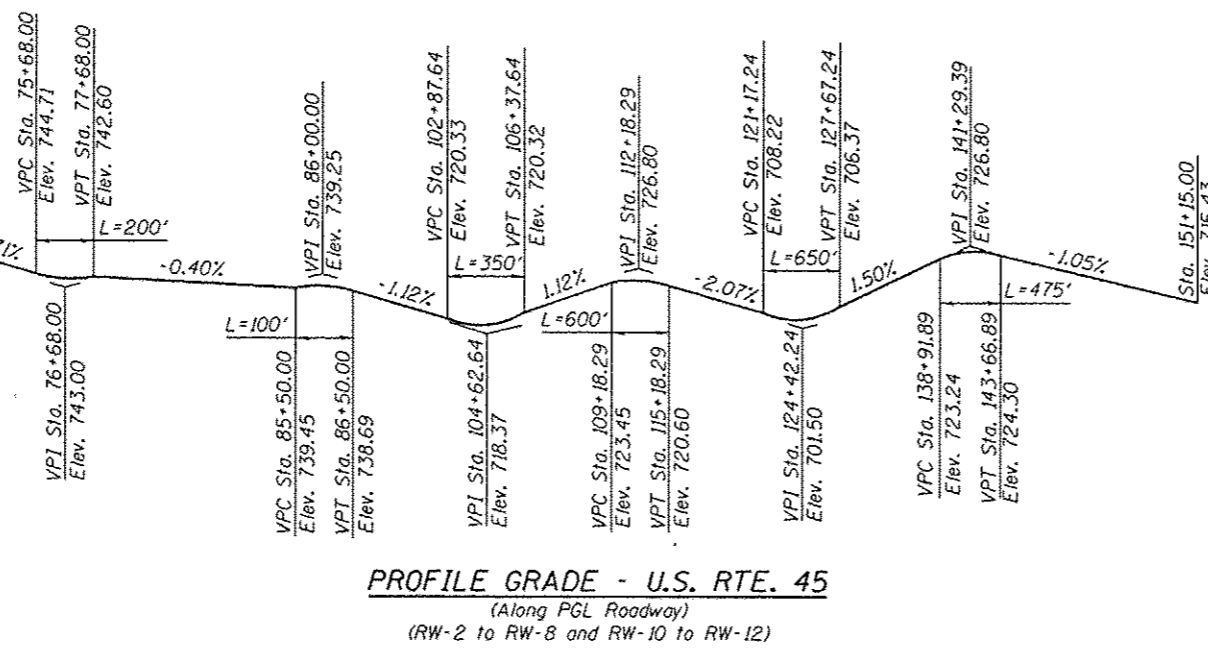
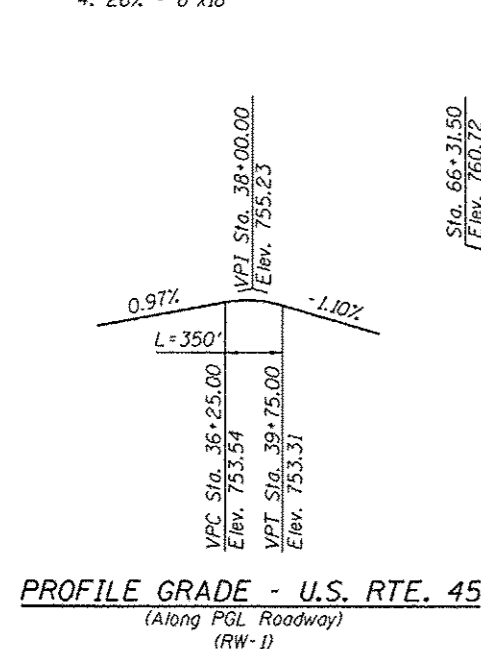
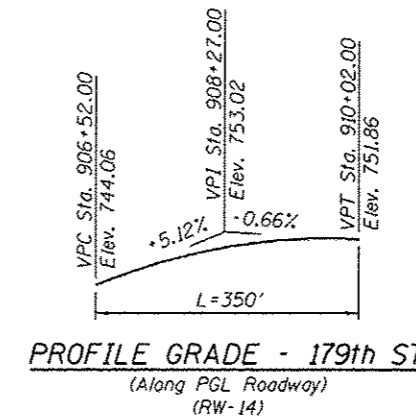
See individual wall sheets for maximum applied bearing pressure for each Cast-In-Place wall.

The form liner shall be a random Ashlar blend pattern consisting of the following block sizes:

- 1. 28% - 4"x18"
- 2. 16% - 8"x8"
- 3. 28% - 8"x11"
- 4. 28% - 8"x18"



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EXPIRES: NOVEMBER 30, 2014
DATE: 03-13-2013



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URS

FILE NAME = 0160F05-SHT-GENERAL NOTES.dgn	USER NAME = Kgly_Pearl	DESIGNED - MAI	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.P. RTE. 330	SECTION 103R-3	COUNTY COOK	TOTAL SHEETS 932	SHEET NO. 556
	PLOT SCALE = 3/8" = 1' - 0"	CHECKED - PMH	REVISIONS -		SHEET NO. 1 OF 41 SHEETS	CONTRACT NO. 60F05		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 3/15/2013	DRAWN - MAI	REVISIONS -						
		CHECKED - PMH	REVISIONS -						