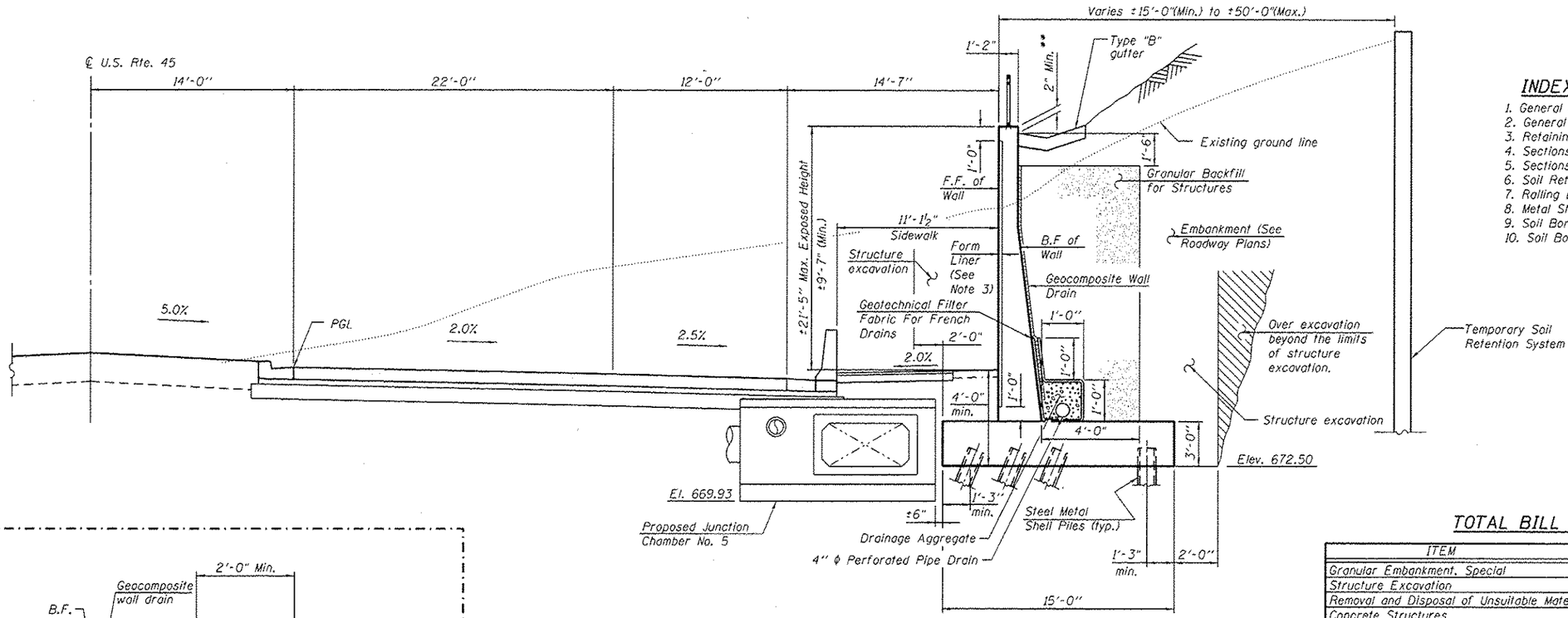
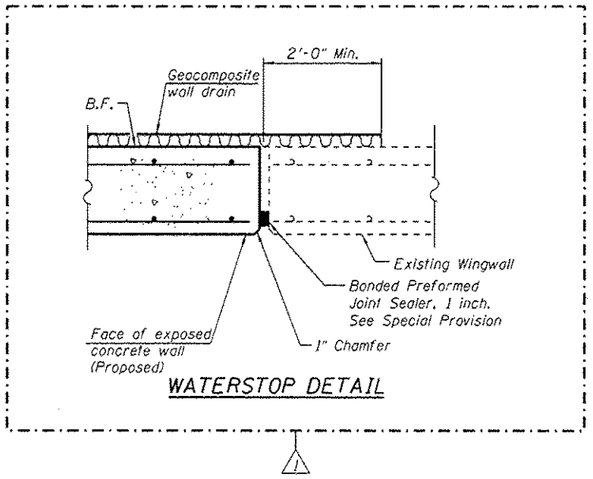


INDEX OF SHEETS

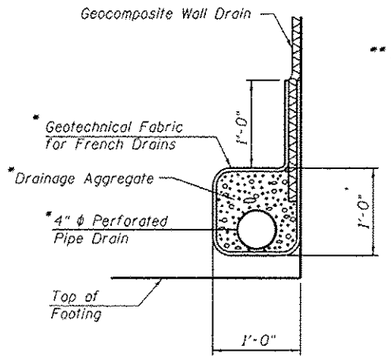
1. General Plan and Elevation
2. General Details and Total Bill of Material
3. Retaining Wall Plan and Elevation
4. Sections and Details 1
5. Sections and Details 2
6. Soil Retention Plan and Section
7. Railing Details
8. Metal Shell Pile Details
9. Soil Borings 1
10. Soil Borings 2

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Granular Embankment, Special	Cu. Yd.	53
Structure Excavation	Cu. Yd.	1,654
Removal and Disposal of Unsuitable Material for Structures	Cu. Yd.	53
Concrete Structures	Cu. Yd.	329.0
Form Liner Textured Surface	Sq. Ft.	1,676
Reinforcement Bars, Epoxy Coated	Pound	34,450
Furnishing Metal Shell Piles 14" x 0.250"	Foot	1,006
Driving Piles	Foot	1,006
Test Pile Metal Shells	Each	1
Name Plates	Each	1
Geocomposite Wall Drain	Sq. Yd.	191
Granular Backfill for Structures	Cu. Yd.	312
Ornamental Railing	Foot	176
Pipe Underdrains for Structures 4"	Foot	122
Bonded Preformed Joint Sealer, 1 Inch	Foot	39
Temporary Soil Retention System	Sq. Ft.	1,073



WATERSTOP DETAIL



PIPE UNDERDRAIN DETAIL

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

Note: Connect pipe underdrain to existing abutment underdrain. See drainage plans for details.

SECTION THRU RETAINING WALL

(Piles only used at Panels 1 and 2)

** Slope gutter to meet inlet rim elevation (See Sheet 1)

STATION 303+02.21 TO 313+20.03
BUILT 20__ BY
STATE OF ILLINOIS
F.A.P RT. 330 SEC. 103R-5
LOADING HL-93
STR. NO. 016-Z005

NAME PLATE

See Std. 515001

GENERAL NOTES

1. Reinforcement bars designated (E) shall be epoxy coated.
2. The back face of Retaining Wall shall be waterproofed according to Article 503.18 of the Standard Specifications.
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"

URS
100 S. WACKER DR.
SUITE 500
CHICAGO, IL 60606
TEL (312)939-1000
FAX (312)939-4988

FILE NAME = 016Z004-60M62-002-GND.dgn	USER NAME = arsalan.khan	DESIGNED - MJL	REVISED - △1 04/12/2013 P.M.H.
		CHECKED - NPP	REVISED -
	PLOT SCALE = 8.3333 '/ in.	DRAWN - AMV	REVISED -
	PLOT DATE = 4/11/2013	CHECKED - MJL	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL DETAILS AND TOTAL BILL OF MATERIAL
STRUCTURE NO. 016-Z004
SHEET NO. 2 OF 10 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	411
		CONTRACT NO. 60M62		
	ILLINOIS FED. AID PROJECT			