

GENERAL NOTES

Reinforcement bars designated (E) shall be epoxy coated.

The contractor is responsible for the design and performance of the lagging using no less than a 3 in. nominal rough-sawn thickness and timber with a minimum allowable bending stress of 1000 psi.

Ashlar stone form liner shall be used on all locations labeled with Form Liner Textured Surface.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structure Excavation	Cu. Yd.	114
Concrete Structures	Cu. Yd.	324.8
Form Liner Textured Surface	Sq. Ft.	5,795
Protective Coat	Sq. Yd.	644
Stud Shear Connectors	Each	2,008
Reinforcement Bars, Epoxy Coated	Pound	33,610
Name Plates	Each	1
Geocomposite Wall Drain	Sq. Yd.	433
Concrete Gutter, Type A	Foot	850
Drilling and Setting Soldier Piles (In Soil)	Cu. Ft.	11,954
Drilling and Setting Soldier Piles (In Rock)	Cu. Ft.	3,633
Untreated Timber Lagging	Sq. Ft.	5,958
Furnishing Soldier Piles (W Section)	Foot	3,176
Pipe Underdrains for Structures 6"	Foot	850
Temporary Soil Retention System	Sq. Ft.	1,374

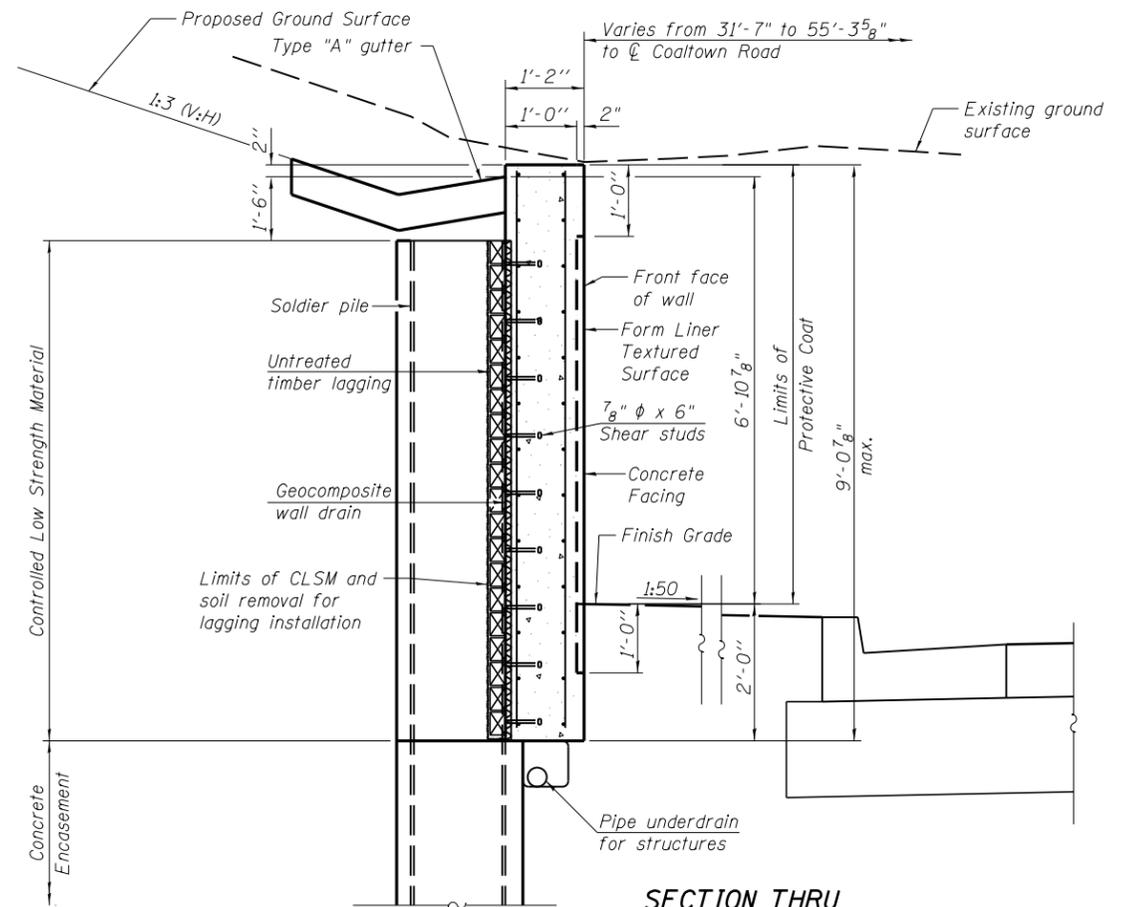
CURVE DATA

(Proposed Curve Coaltown Road)

PI Sta. = 28+35.98
 $\Delta = 7^{\circ}11' 46''$ (Rt.)
 $D = 1^{\circ}00' 00''$
 $R = 5,729.58'$
 $T = 360.27'$
 $L = 719.60'$
 $E = 11.32'$
 P.C. Sta. = 24+75.71
 P.T. Sta. = 31+95.31

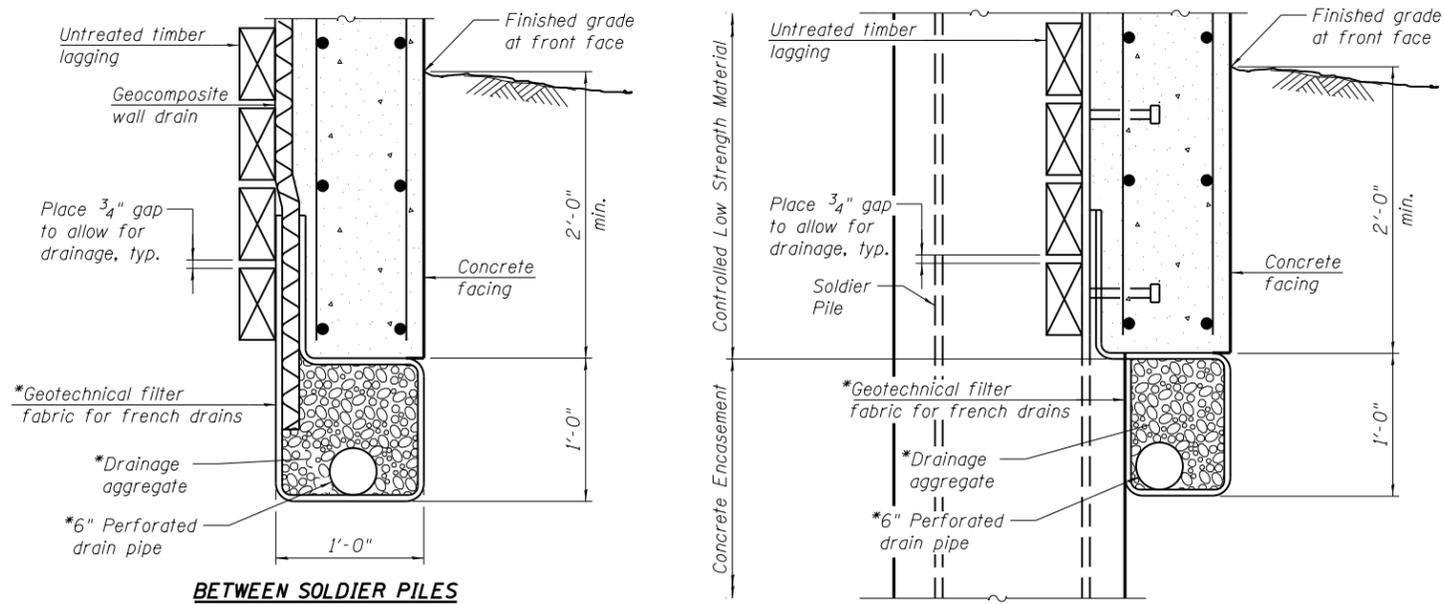
STATION 18+89.06
 BUILT BY
 STATE OF ILLINOIS
 LOADING HL-93
 STRUCTURE NO. 081-P002

NAME PLATE
 See Std. 515001

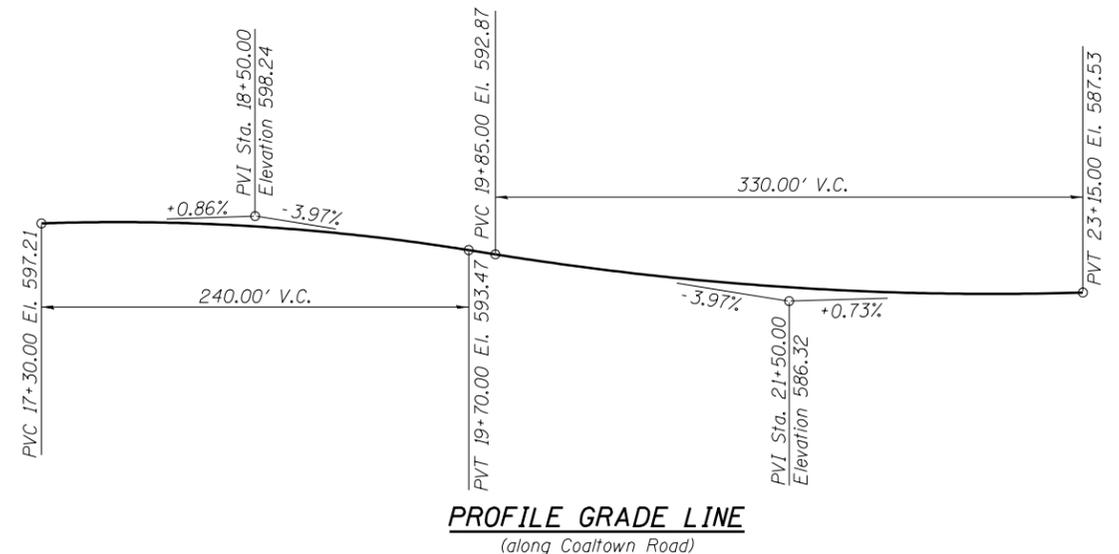


SECTION THRU SOLDIER PILE WALL

*Included in the cost of Pipe Underdrains for Structures, 6".



UNDERDRAIN DETAIL FOR SOLDIER PILE WALLS



PROFILE GRADE LINE
 (along Coaltown Road)



USER NAME =	DESIGNED - TBP	REVISED ADDENDUM 1	8/15/2013
FILE NAME =	CHECKED - VPT	REVISED	
PLOT SCALE =	DRAWN - AJF	REVISED	
PLOT DATE =	CHECKED - MTH	REVISED	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GENERAL DATA
 RETAINING WALL - STA. 18 + 89.06 TO STA. 27 + 37.02
 SD-2 OF SD-18

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(142-11R & 142-11B)	ROCK ISLAND	507	363F
CONTRACT NO. 64B84				

ILLINOIS FED. AID PROJECT