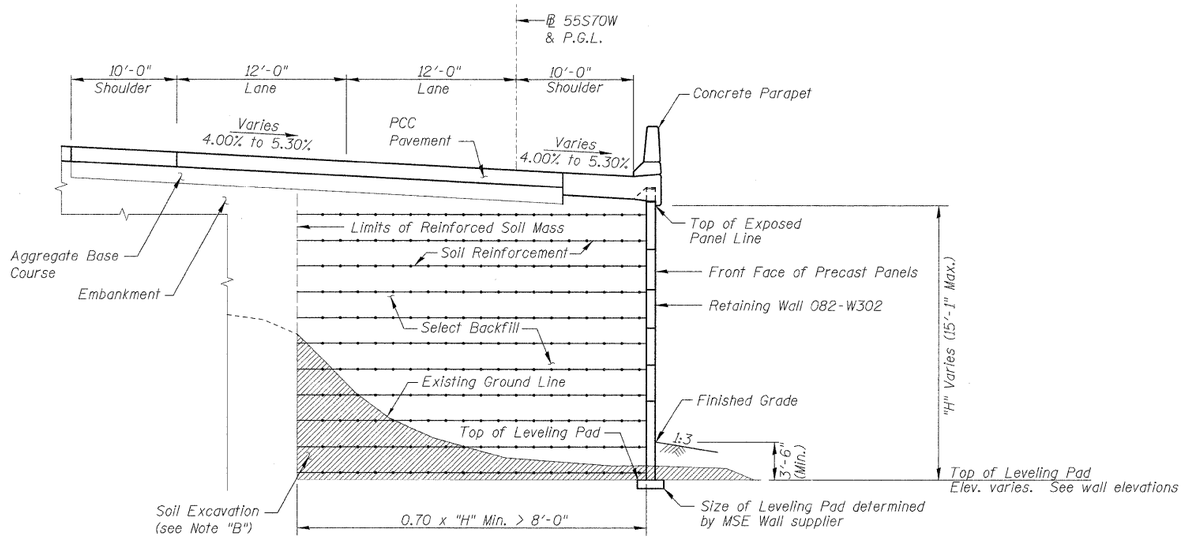
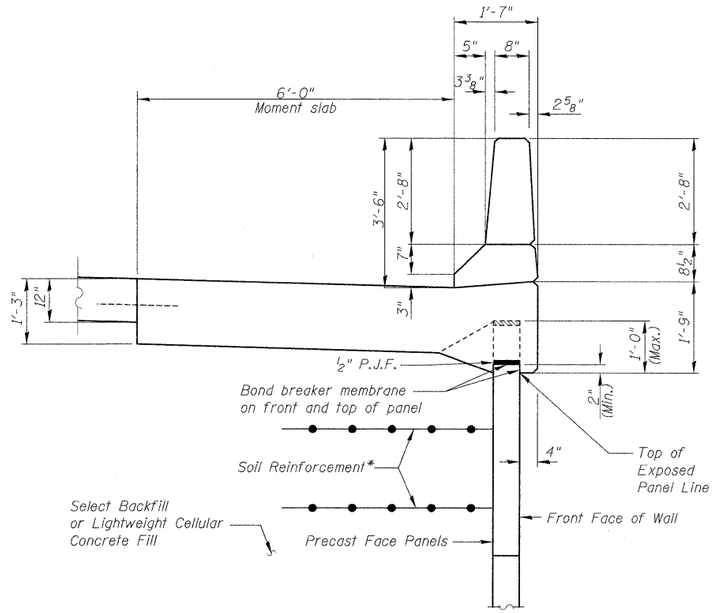


TYPICAL SECTION

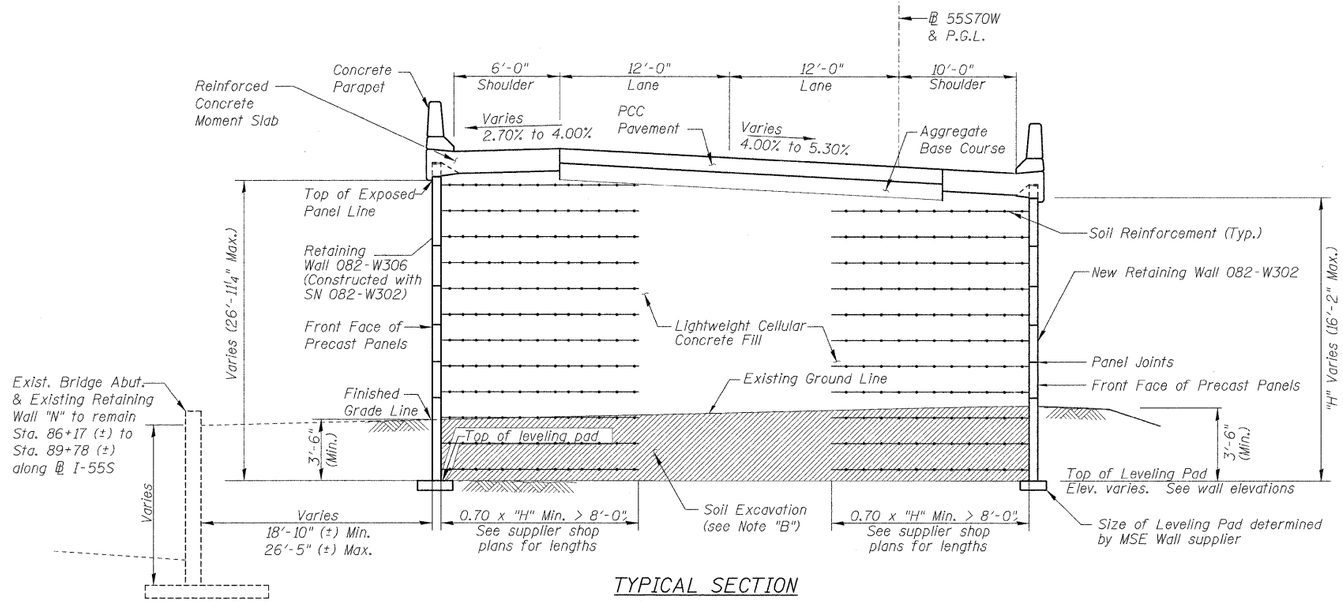
(Sta. 60+50.00 to Sta. 67+75.00
and Sta. 70+40.00 to Sta. 74+11.55)
(Looking Upstation)
NTS



TYPICAL CROSS SECTION

NTS

*The M.S.E. wall supplier's internal stability design shall account for the anchorage slab's bearing pressure surcharge of 1.0 ksf and horizontal sliding force of 0.5 kips/ft. of wall.



TYPICAL SECTION

(Sta. 67+75.00 to Sta. 70+40.00)
(Looking Upstation)
NTS

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Protective Coat	Sq. Yd.	618
Structure Excavation	Cu. Yd.	402
Concrete Structures	Cu. Yd.	202.4
Concrete Superstructure	Cu. Yd.	69.3
Reinforcement Bars, Epoxy Coated	Pound	55,800
Name Plates	Each	1
Mechanically Stabilized Earth Retaining Wall	Sq. Ft.	2161
Mechanically Stabilized Earth Retaining Wall, Special	Sq. Ft.	3327

GENERAL NOTES

1. Reinforcement bars shall conform to the requirements of ASTM A706 Gr 60. See Special Provisions.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. The Contractor shall take all precautions to protect existing electrical conduits at Sta. 69+70 (approx.), Elev. 405 during the construction of the MSE wall.
4. For drainage structure location, type and size see Sheet No. 58 thru. 60. The wall system supplier shall design load transfer system to accommodate drainage structure and pipe.
5. Slipforming of the parapets is not allowed.

Note B:

Excavated material (soil cuts, unsuitable material, and level pads) may classified as a special waste. Removal of special waste shall be in accordance with contaminated soil provision.

HOELSCHER ENGINEERING
Fairview Heights, IL
Springfield, IL
Champaign, IL

FILE NAME = 082 W302 76C75 S02 final plan.dgn	USER NAME = BhattA	DESIGNED - CMW	REVISED CMW 12-20-10
		DRAWN - BTM	REVISED CMW 12-30-10
	PLOT SCALE = @1.00000 '' / in.	CHECKED - JSA	REVISED -
	PLOT DATE = $DATE$	DATE - 05-02-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RETAINING WALL 082-W302
GENERAL DATA & TYPICAL SECTIONS

SCALE: N.T.S. | SHEET NO. 2 OF 13 SHEETS | STA. 65+50.00 TO STA. 70+90.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-1-1HB	ST. CLAIR	319	273
		CONTRACT NO. 76C75		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		