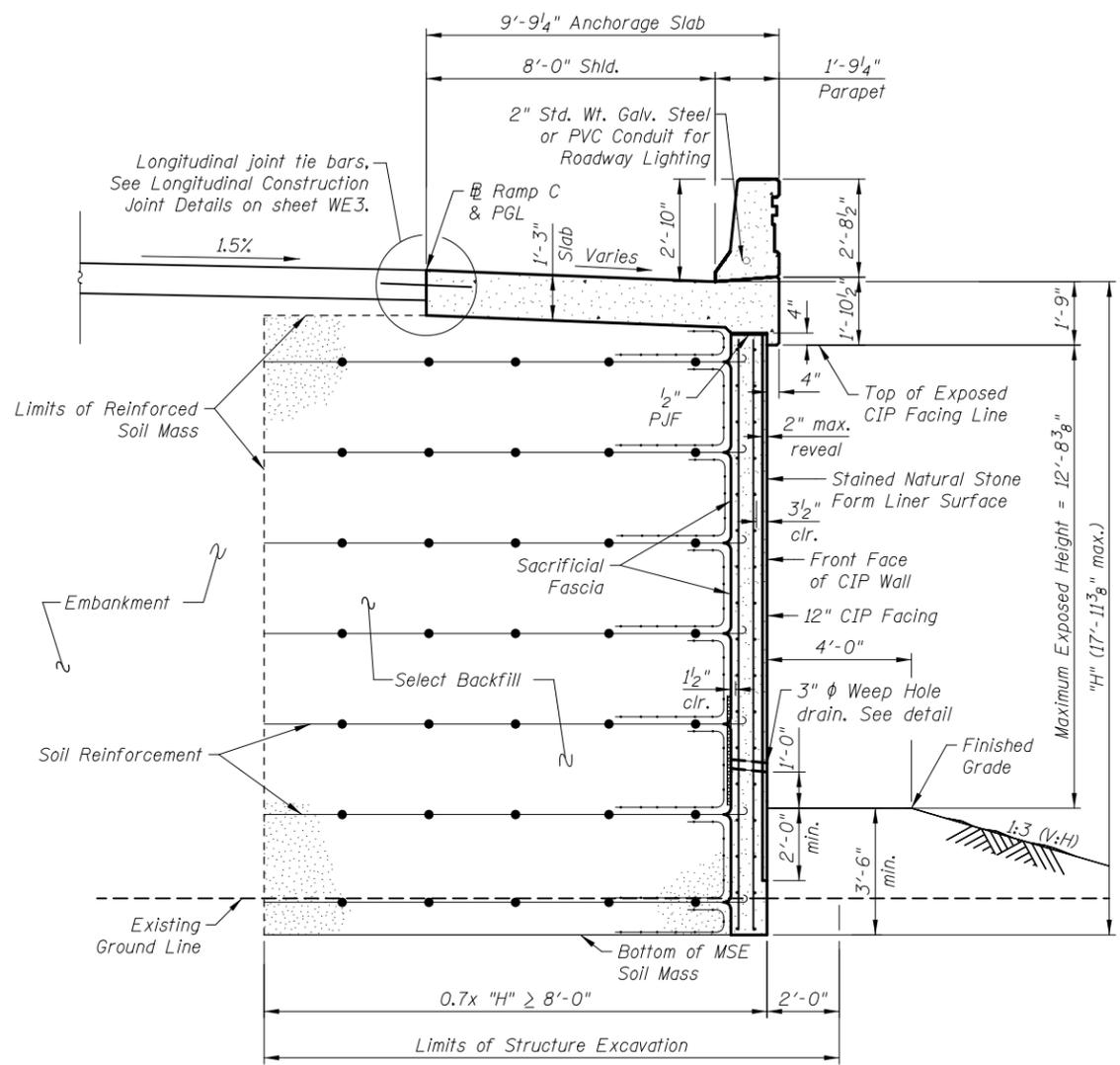
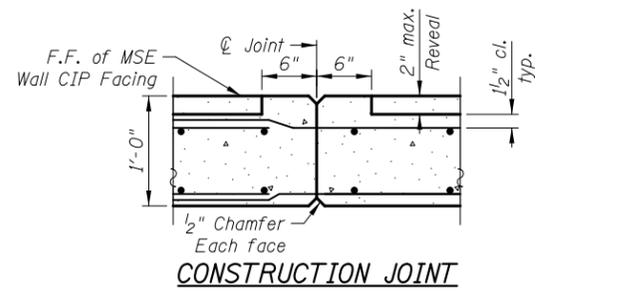


5/2/2012 4:24:11 PM J:\2154\cad\sheet\Roadway\20-STRUCTURES & WALLS\10-Wall E.0562502-60F72-02-WMD\_rev.dgn

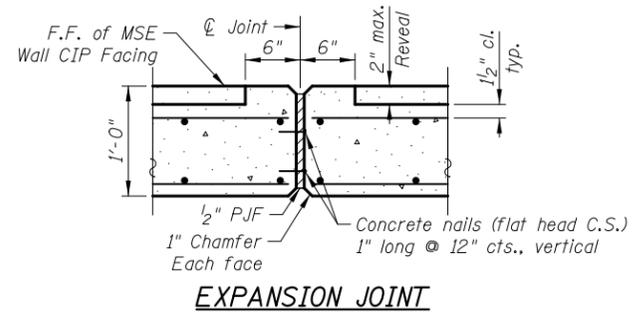


**TYPICAL WALL SECTION**  
(Looking South)

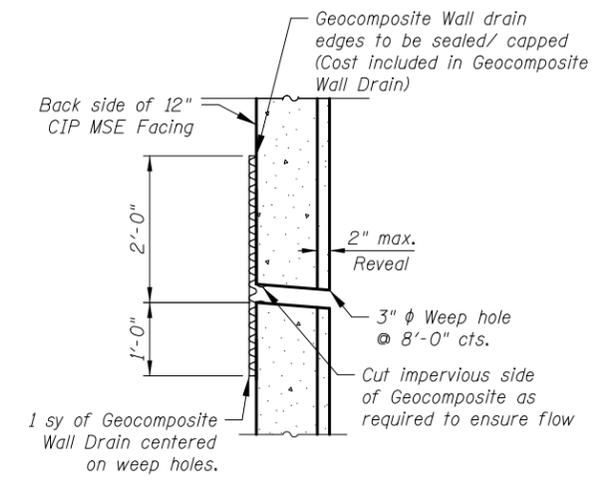
The MSE wall supplier's internal stability design shall account for the anchorage slab's bearing pressure surcharge of 1.0 ksf and horizontal sliding force of 0.5 kips/ft. of wall.



**CONSTRUCTION JOINT**

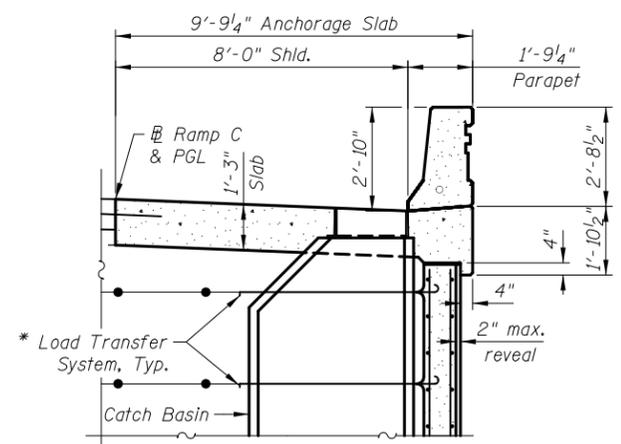


**EXPANSION JOINT**



**WEEP HOLE DRAIN DETAIL**

Weep hole spacing shall be at ±8'-0\"/>



**SECTION AT DRAINAGE STRUCTURE**  
(Looking South)

\* MSE supplier to design load transfer system to accommodate concrete pipe and catch basin.

**MSE WALL  
BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Structure Excavation	Cu. Yd.	87
Form Liner Textured Surface	Sq. Ft.	1,430
Geocomposite Wall Drain	Sq. Yd.	18
Mechanically Stabilized Earth Retaining Walls	Sq. Ft.	1,686
Staining Concrete Structures	Sq. Yd.	159

Notes:  
 See sheet WE3 for reinforcement and remainder of dimensions of Anchorage Slab.  
 See sheet WE5 for Form Liner Textured Surface details.  
 Anchorage slab contraction and expansion joints shall be in line with pavement jointing.


 450 E Devon Ave, Suite 300  
 Itasca, Illinois 60143  
 Tel: 630.773.3900 Fax: 630.773.3975  
 www.civiltechinc.com

DRAWN	- K. BOCHNOWSKI
DESIGNED	- D. ATKINS
CHECKED	- G. HATLESTAD
DATE	- 5/3/2012

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MSE WALL DETAILS  
WALL E; RAMP C  
STRUCTURE NO. 056-2502  
SHEET NO. WE2 OF WE7 SHEETS

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	614
CONTRACT NO. 60F72				
ILLINOIS FED. AID PROJECT				