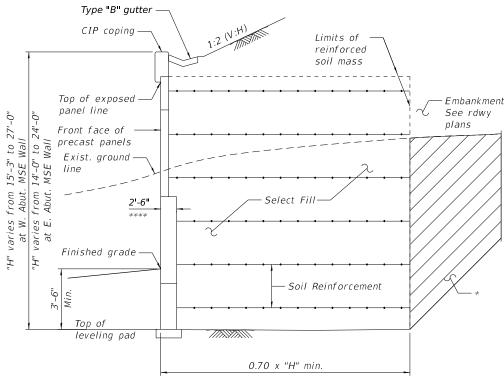




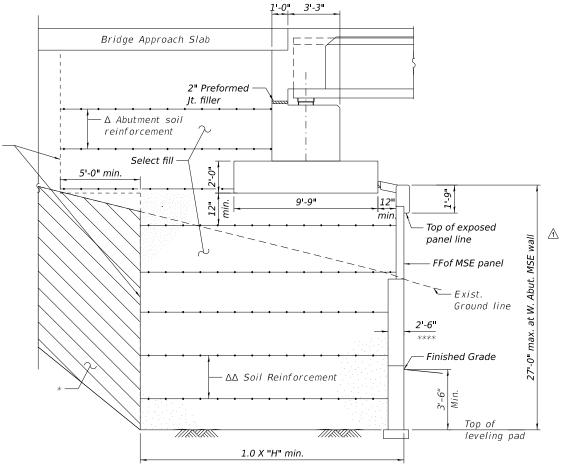
ITEM	UNIT	WB	EB	TOTAL
Structure Excavation	Cu. Yd.	3761	1787	5548
Mechanically Stabilized	Sq. Ft.	4103	3781	7884
Earth Retaining Wall				

- Overexcavation beyond Structure Excavation. This area not measured for payment. BackFill overexcavation with same material used for Select Fill used in MSE wall.
- \*\* Bottom of cap poured against top of plywood. Cut opening to match pile perimeter within  $\frac{1}{8}$ ". Support with bars tack welded to webs rated for 500 lbs. Seal gaps to keep concrete out.
- \*\*\* Sleeve to remain empty in hatched region.
- \*\*\*\* MSE Panels within 50'-0" of Track 1 or Track 2 shall be 2'-6" thick, to a height of at least 12'-0" above top of rail.



SECTION THRU M.S.E. WALL

(Typ. at all 4 corners of the wall)



SECTION THRU SPREAD FOOTING ABUTMENT

WITH WRAP-AROUND MSE WALL

(Horiz. dim @ Rt. Ľs)

The MSE wall supplier shall design the abutment soil reinforcement to resist a horizontal service load force of 6.6 kips/ft. of abutment.

ΔΔ The MSE wall supplier's internal stability design shall account for the footing's service load bearing pressure surcharge of, 4.6 ksi and horizontal service [load] sliding force of 1.8 kips/ft. of abutment. 4.6 ksf

\_\_\_ = APPENDED TEXT FOR REVISION #1

## NOTES:

- Select Fill behind the retaining walls and abutments shall be included in the cost of Mechanically Stabilized Earth Retaining Wall.
- 2. Cost of cast-in-place concrete, reinforcement steel, epoxy coated, PJF, sealant and Concrete Seal required for coping shall be included in the cost of Mechanically Stabilized Earth Retaining Wall.

**BAXTER** WOODMAN

USER NAME = DESIGNED - EBK REVISED - 1 08/29/2025 CHECKED - BLB REVISED -PLOT SCALE = REVISED PLOT DATE = CHECKED - BLB REVISED -

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION** 

**MSE WALL DETAILS STRUCTURE NO. 049-8001** SHEET S-32 OF S-35 SHEETS

SECTION COUNTY 20-00243-00-BR LAKE 78 57 CONTRACT NO. 61L19