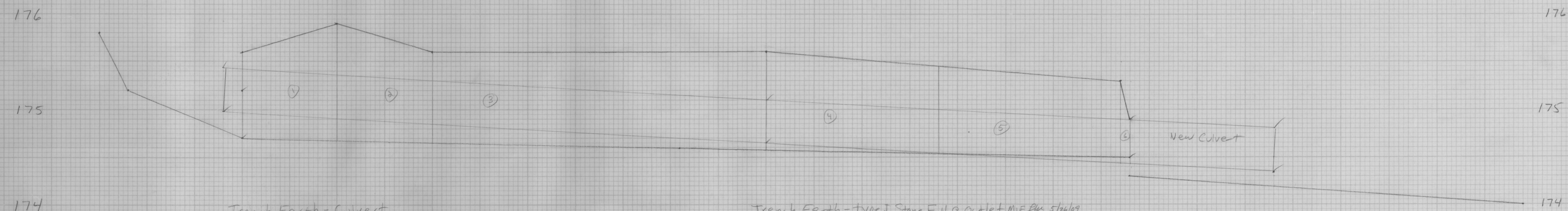


Drive Culvert @ 6+041



Trench Earth - Culvert

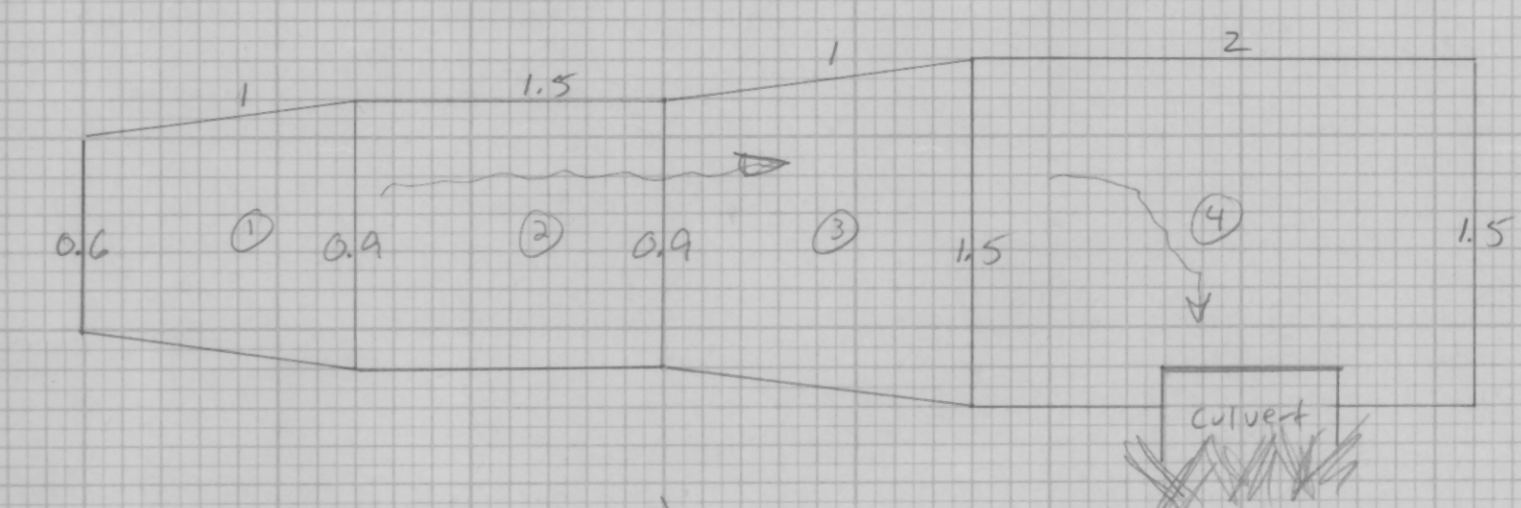
- ① $1.0 \times \left(\frac{0.9 + 1.25}{2} \right) \times 1.45 = 1.56'$
- ② $1.0 \times \left(\frac{1.25 + 0.95}{2} \right) \times 1.45 = 1.60'$
- ③ $3.5 \times \left(\frac{0.95 + 1.05}{2} \right) \times 1.45 = 5.08'$
- ④ $1.8 \times \left(\frac{1.05 + 0.95}{2} \right) \times 1.45 = 2.61'$
- ⑤ $1.9 \times \left(\frac{0.95 + 0.9}{2} \right) \times 1.45 = 2.55'$
- ⑥ $0.1 \times \left(\frac{0.9 + 0.5}{2} \right) \times 1.45 = 0.10'$

total = 13.50 m³ f.m. 5/27/09
✓ M.W.H. 1/27/10

Trench Earth - type I Stone Fill @ Outlet MIF f.m. 5/26/09

$1.4 \times 2.2 \times 0.3 = 0.92 \text{ m}^3$ f.m. 5/27/09
✓ M.W.H. 1/27/10

Trench Earth - type I Stone Fill @ Inlet MIF f.m. 5/27/09



- ① $1 \times \left(\frac{0.6 + 0.9}{2} \right) \times 0.3 = 0.23'$
- ② $1.5 \times 0.9 \times 0.3 = 0.41'$
- ③ $1 \times \left(\frac{0.9 + 1.5}{2} \right) \times 0.3 = 0.36'$
- ④ $2 \times 1.5 \times 0.3 = 0.90'$

total = 1.90 m³ f.m. 5/27/09
✓ M.W.H. 1/27/10

Total Trench Earth for Drive Culvert @ 6+041

Culvert = 13.50'
Inlet S.F. = 1.90'
Outlet S.F. = 0.92'
total = 16.32 m³ f.m. 5/27/09
✓ M.W.H. 1/27/10