

$$\textcircled{1} 1.0 \times \left(\frac{0.9 + 1.25}{2} \right) \times 1.45 = 1.56'$$

$$\textcircled{2} \quad 1.0 \times \left(\frac{1.25 + 0.95}{2} \right) \times 1.45 = 1.60$$

$$\textcircled{3} \quad 3.5 \times \left(\frac{0.95 + 1.05}{2} \right) \times 1.45 = 5.08'$$

$$\textcircled{4} \quad 1.8 \times \left(\frac{1.05 + 0.95}{2} \right) \times 1.45 = 2.61'$$

$$\textcircled{5} \quad 1.9 \times \left(\frac{0.95 + 0.9}{2} \right) \times 1.45 = 2.55'$$

$$\textcircled{6} \quad 0.1 \times \left(\frac{0.9 + 0.5}{2} \right) \times 1.45 = 0.10$$

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

$$1.4 \times 2.2 \times 0.3 = 0.92 \text{ m}^3 \text{ fur 5/27/09}$$

✓ m.w.h. 1/27/10

$$\textcircled{1} 1 \times \left(\frac{0.6 + 0.9}{2} \right) \times 0.3 = 0.23'$$

② $1.5 \times 0.9 \times 0.3 = 0.41'$

$$\textcircled{3} \quad 1 \times \left(\frac{0.9 + 1.5}{2} \right) \times 0.3 = 0.36'$$

$$\textcircled{4} \quad 2 \times 1.5 \times 0.3 = 0.90'$$

total 1.90 m³ for 5/27/09
✓ M.W.H. 1/27/10

Culvert = 13.50'

$$\text{Inlet S.F.} = 1.90'$$

$$O.A. + S.F. = 0.92$$

brk = 16.32 m³ FWL 5/27/09
✓ M.W.H. 1/27/10