ESTIMATING EARTH FILL VOLUME
WITH 2 1/2:1 SIDE SLOPES

\[ V = \text{Volume of Earth Fill, Cubic Yards} \]
\[ H = \text{Height of Fill, Feet} \]
\[ T = \text{Top Width, Feet} \]
\[ B = \text{Valley Bottom Width (measure along centerline of fill)} \]
\[ L = \text{Length of Top of Fill (measure along centerline of fill)} \]
ESTIMATING EARTH FILL VOLUME
WITH 2 1/2:1 SIDE SLOPES

V = Volume of Earth Fill, Cubic Yards
H = Height of Fill, Feet
T = Top Width, Feet
B = Valley Bottom Width (measure along centerline of fill)
L = Length of Top of Fill (measure along centerline of fill)

IL–EFM Notice 1
3/85
ESTIMATING EARTH FILL VOLUME
WITH 3:1 SIDE SLOPES

V = Volume of Earth Fill, Cubic Yards
H = Height of Fill, Feet
T = Top Width, Feet
B = Valley Bottom Width (measure along centerline of fill)
L = Length of Top of Fill (measure along centerline of fill)

(2B+L), Feet

IL–EFM Notice 1
3/85
V = Volume of Earth Fill, Cubic Yards
H = Height of Fill, Feet
T = Top Width, Feet
B = Valley Bottom Width (measure along centerline of fill)
L = Length of Top of Fill (measure along centerline of fill)

\begin{align*}
V & = \frac{1}{3} \times H \times (2B + L) \\
H & = 30', T = 12', B = \ ? \\
H & = 28', T = 12', B = \ ? \\
H & = 24', T = 12', B = \ ? \\
H & = 22', T = 12', B = \ ? \\
H & = 20', T = 10', B = \ ? \\
H & = 18', T = 10', B = \ ? \\
H & = 16', T = 10', B = \ ? \\
H & = 14', T = 10', B = \ ? \\
H & = 12', T = 10', B = \ ? \\
H & = 10', T = 10', B = \ ? \\
H & = 8', T = 10', B = \ ? \\
\end{align*}