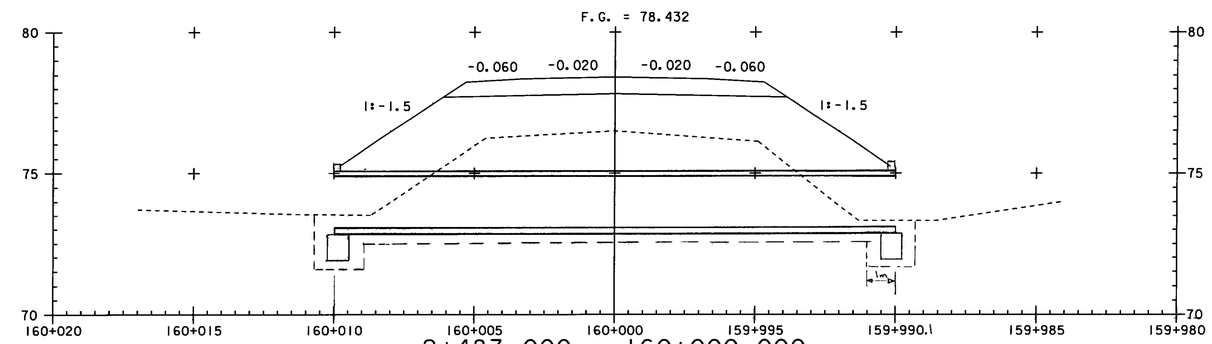
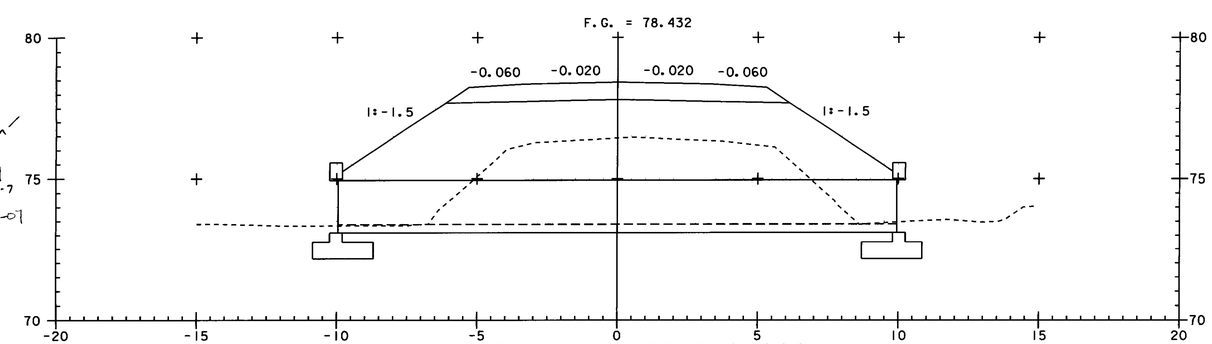


2+483.000 = 160+000.000
ASKEW = 90°00'00" LT
FIELD PROFILE



2+483.000 = 160+000.000
ASKEW = 90°00'00" LT
DESIGN SECTION

Granular Backfill for Structures

Under Headwall

$\left[\left(\frac{2.85+3.60}{2}\times1.8\right)\times2+\left(\frac{0.9+2.40}{2}\times1.8\right)\right]\times0.3$ = 4.4 WEF 01-25-07 ~~2.6~~

Adjacent Footings

$\left[\left(1.8\times0.5\right)\times2+\left(\frac{2.35+2.60}{2}\times0.5\right)\times2+\left(\frac{2.90+3.10}{2}\times0.5\right)\times2+\left(\frac{0.9+1.3}{2}\times0.5\right)+\left(\frac{2.00+2.40}{2}\times0.5\right)\right]\times.96$ = 8.6 WEF 01-25-07 ~~5.9~~

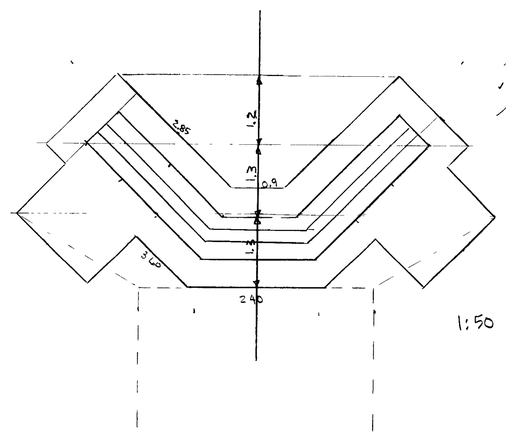
Benino Headwall

$\left[\left(\frac{3.20+3.60}{2}\times0.8\right)\times2+\left(\frac{1.80+2.40}{2}\times0.8\right)+\text{Annex Area}\left(1.2\times1.8\right)\times2\right]\times2.3\,m$ = 26.3

Minus Box Culvert Area 50×0.8 = −4.0

~~30.8 cm~~ 35.3 cm

WEF 01-10-07 / 3NS 1-25-7 / WEF 01-25-07



1:50

Drainage Sheet #7

464-Drainage