





STOP
NO PUBLIC
ACCESS















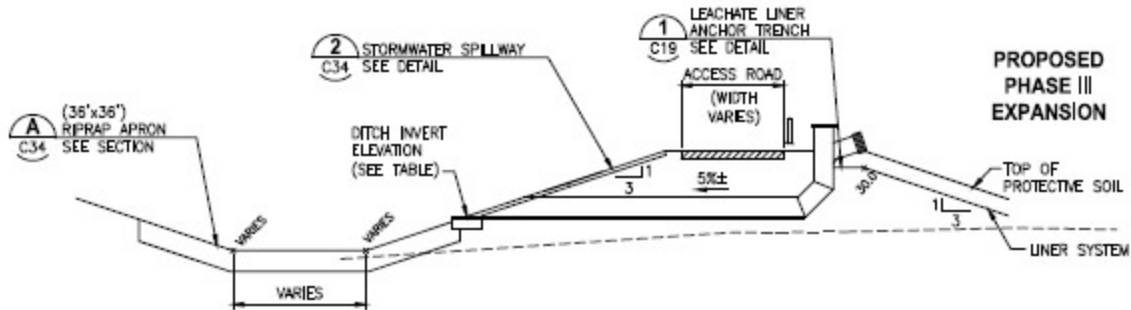




MW
22



S04







DOE OF LIMER







So, That's All Well and Good...But How Much Does it Cost??

- Overall Cost Phase III Landfill Expansion = \$31M
- Box Culverts - \$300K each
 - Est. Base culvert cost = \$150K
 - 3 Total Installed = Added cost \$450K = 1.5% of total project
 - Benefits:
 - ✓ Reduced maintenance – over life of landfill 50+ years
 - ✓ Enhanced safety
 - ✓ Easier to pull pump piping out

So, That's All Well and Good...But How Much Does it Cost??

- Overall Cost Phase III Landfill Expansion = \$31M
- Pump Stations - \$472K each =
 - Est. Base pump station cost = \$200K
 - 3 Total Installed = Added cost \$750K = 2.5% of total project
 - Benefits:
 - ✓ Larger area for improved working space
 - ✓ Easier removal of pumps and disconnection of piping
 - ✓ Cleaner working area, less sediment and erosion

So, That's All Well and Good...But How Much Does it Cost??

- Overall Cost Phase III Landfill Expansion = \$31M
- Stormwater Down Drain Connections – Est. \$25K each
 - Est. Base cost = \$0 (not installed before)
 - 22 Total Installed = \$550K = 1.8% of total project
 - Benefits:
 - ✓ No road crossings for down drain pipes
 - ✓ Improved access
 - ✓ Pre-planned and prepared discharge points with discharge erosion control pre-built into ditch slopes

So, That's All Well and Good...But How Much Does it Cost??

- Overall Cost Phase III Landfill Expansion = \$31M
- Upgrade Rain Tarp Material = \$1.15M (40-mil LLDPE)
 - Est. Scrim Material = \$575,000 (20-mil)
 - 43 Acres Total Installed = \$575,000 added cost = 1.9% of total project
 - Benefits:
 - ✓ Enhanced durability
 - ✓ Better resistance to wind uplift and tearing
 - ✓ Stronger fusion/extrusion welds compared to sewn seams
 - ✓ Resistant to animal/bird damage

So, That's All Well and Good...But How Much Does it Cost??

- Overall Cost Phase III Landfill Expansion = \$31M
- Total Added Cost Over Base Options:
 - Box Culverts = \$450K
 - Pump Stations = \$750K
 - Down Drains = \$550K
 - Rain Tarp = \$575K

Total = \$2.325M = 7.5% of overall project budget

Safe and Time Saving Features will accumulate over life of life to exceed the value.....AND.....

Phase III Landfill Improvements

.....Happy Operators are Priceless!!!!

Questions?

