Plan View

Section A-A'
(Rivetment Riprap Showing Mounded Toe Slope Termination)

Minimum Freeboard
2 FT. (0.6 m)

Design High Water

Riprap Mound Height = Desired Toe Down Depth

Ambient Bed Elevation

Riprap Mound Thickness = 2x Layer Thickness on Slope

Limit of Revetment Riprap

Freeboard

Top of Bank

Toe of Slope

Flow

Section B-B'

Minimum Riprap Thickness (t) = Larger of (1.5d_{50} or d_{100})

Key Trench

Compacted Subgrade

Filter

Maximum Slope = 1V:1.5H

Section A-A'
(Revetment Riprap Showing Toe Down Slope Termination)

Maximum Scour Depth = (Contraction Scour) + (Long-Term Degradation) + (Toe Scour)

Maximum Scour Depth

(Minimum Freeboard)

Geotextile or Granular Filter

Maximum Slope 1V:1.5H

Ambient Bed Elevation

Toe Down Riprap to Maximum Scour Depth

Revetment Riprap

Revetment R_dgn May 2006