

**Embankment Protection**



*Photo Source: Colorado Department of Transportation*



02-0106-11

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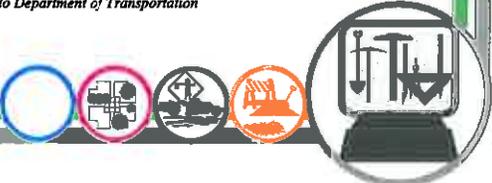


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## Embankment Protection

One of the water quality Best Management Practices available for erosion control during CDOT highway construction is the use of embankment protection. This is a temporary application used to convey drainage down a slope without eroding it. The rundown can be a pipe or an open chute. Erosion protection is required at the conduit's inlet and its outlet. The use of rock or riprap should be considered for the outfall.

Maintenance for this BMP includes inspection for erosion or debris accumulation after each significant rainfall. Pipes should be inspected for breaks or clogs. Rundowns should be inspected for undercutting.

Guidance: CDOT Erosion Control and Stormwater Quality Guide, Chapter 5



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