



# Check Dams

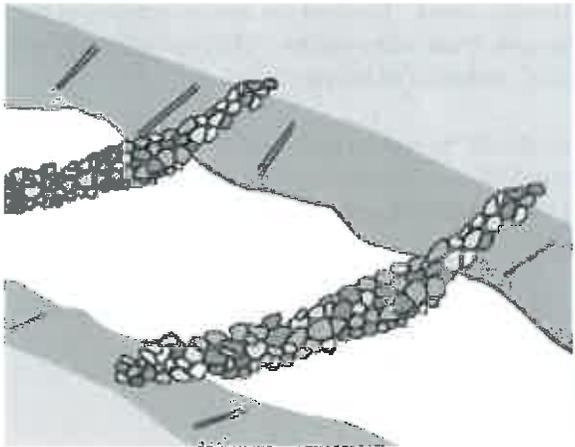


Photo Source: Colorado Department of Transportation



02-0108-11



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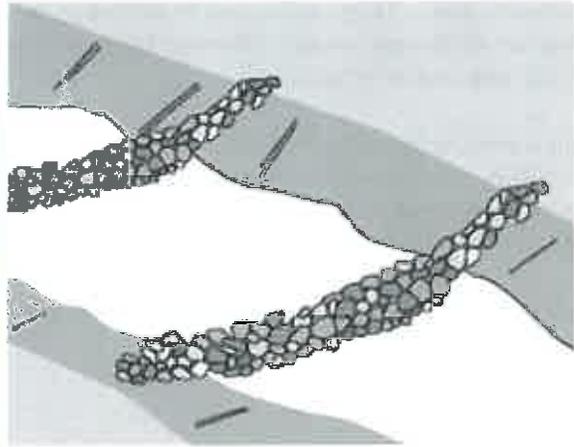


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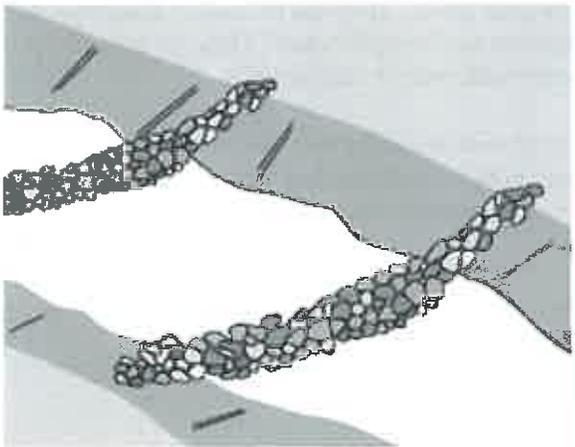


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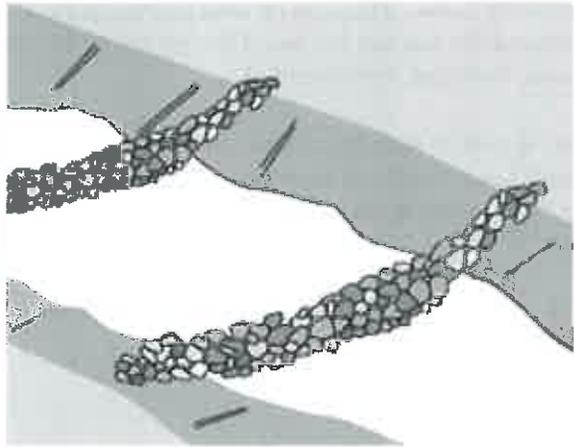


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02-0108-11

## Check Dams

One of the water quality Best Management Practices available for erosion control during and after CDOT highway construction is the use of check dams. Check dams are used to reduce the velocity of concentrated stormwater flows. They can be used in temporary or permanent ditches and swales. They are typically constructed with rock or erosion bales.

Dams should be spaced such that the top of the downstream dam is not lower than the toe of the upstream dam. The center of each dam has to be lower than its sides.

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



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