

DIVERSION (TEMPORARY)

Diversions are among the most effective and least costly practices for controlling erosion and sedimentation.

Diversions subdivide a development site and control the direction and velocity of runoff throughout the life of the development. They should be located during initial site planning and sloped and stabilized as appropriate to enhance site appearance.

Diversions may control runoff above steep slopes, across long slopes, below steep grades, and around buildings or other areas subject to damage from runoff. The capacity of the diversion should be based on the runoff characteristics of the completed site and the potential damage from runoff after development.

Temporary diversions are usually constructed by excavating a channel and using the spoil to form a ridge or dike on the downhill side. It is important that diversions be designed, constructed, and maintained properly since they concentrate flow and increase erosion potential if failure occurs. Outlets for diversions must be stable for the expected flow and reinforced before the diversion is installed.



Temporary diversion across a slope helps prevent sheet and rill erosion.