

## **Chapter 3 - OVERVIEW OF EROSION, SEDIMENT, AND STORMWATER CONTROL PRACTICES (BMPS)**

### **DIVERSION (PERIMETER PROTECTION)**

Diversions are among the most effective and least costly practices for controlling erosion and sedimentation. They can be permanent or temporary and can serve special purposes such as perimeter protection.

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.

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.



Perimeter protection diversion protects work areas and prevents sediment from leaving the site.