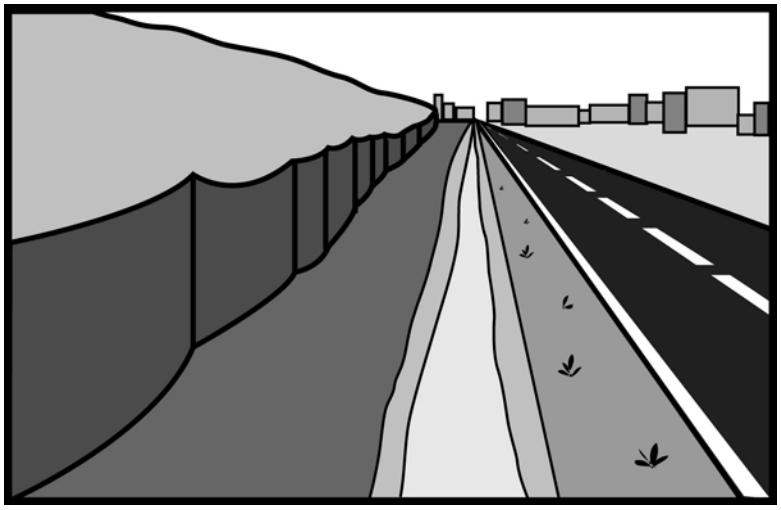
# Run-on Diversion EC-8



**Description**

Devices to intercept, divert, and convey off-site surface runoff around or away from the project site to prevent site erosion. Run-on (storm water entering the site) diversion devices include dikes, swales, and slope drains.

**Applications**

- Along paved surfaces to intercept runoff.
- Upslope from project site to prevent erosion of disturbed areas located on-site.
- Downslope of project site to convey runoff to a sediment control device such as a sediment trap or sediment basin.
- Around material storage areas, maintenance and fueling areas, or areas with runoff containing contaminants or pollutants.
- Below steep grades to intercept concentrated runoff.
- Located around adjacent property and buildings, diversion devices can provide protection from stormwater runoff.

**Installation and Implementation Requirements**

- Size diversion devices appropriately.
- Immediately stabilize earth dikes and swales. Refer to SC-6 (Earth Dike) and SC-7 (Temporary Drains and Swales) in this manual for more information.
- Refer to SC-11 (Slope Drains and Subsurface Drains) in this manual for more information.

**Limitations**

- Run-on diversion devices do not remove sediment from runoff.
- Ditches and swales may require check dams or lining to prevent erosion.

**Inspections and Maintenance**

- Inspect weekly during dry periods as well as within 24 hours of any rainfall of 0.5 inch or greater which occurs in a 24-hour period and daily during periods of prolonged rainfall.
- Inspect channels embankments, and ditch beds for erosion, washout, and accumulated sediment and debris.
- Remove accumulated sediment and debris and repair damages as necessary.