**BMP C232: Gravel Filter Berm**

**Purpose**
A gravel filter berm is constructed on rights-of-way or traffic areas within a construction site to retain sediment by using a filter berm of gravel or crushed rock.

**Conditions of Use**
Where a temporary measure is needed to retain sediment from rights-of-way or in traffic areas on construction sites.

**Design and Installation Specifications**
- Berm material shall be ¾ to 3 inches in size, washed well-grade gravel or crushed rock with less than 5 percent fines.
- Spacing of berms:
  - Every 300 feet on slopes less than 5 percent
  - Every 200 feet on slopes between 5 percent and 10 percent
  - Every 100 feet on slopes greater than 10 percent
- Berm dimensions:
  - 1 foot high with 3:1 side slopes
  - 8 linear feet per 1 cfs runoff based on the 10-year, 24-hour design storm

**Maintenance Standards**
- Regular inspection is required. Sediment shall be removed and filter material replaced as needed.