



Source: Caltrans Construction Site Best Management Practices Manual, 2003.

<b>Description</b>	Stabilization and maintenance of temporary or future roads after grading to minimize erosion and dust from vehicular traffic.
<b>Applications</b>	<ul style="list-style-type: none"><li>• Access roads.</li><li>• Subdivision roads.</li><li>• Parking areas.</li><li>• On-site vehicular routes.</li><li>• Areas where mud tracking may be a problem during wet weather.</li><li>• Areas where dust may be a problem during dry weather.</li><li>• Areas adjacent to bodies of water.</li><li>• Along steep grades or areas where additional traction is necessary.</li></ul>
<b>Installation and Implementation Requirements</b>	<ul style="list-style-type: none"><li>• Grade roadway to follow topographic contours to reduce erosion of the roadway.</li><li>• Roadway grade shall not exceed 15 percent.</li><li>• Gravel roads shall be a minimum of 4 inches thick. The base shall consist of 2 to 3 inch coarse aggregate and shall be applied immediately after grading.</li><li>• Remove or convert to permanent roadway upon completion of construction.</li></ul>
<b>Limitations</b>	<ul style="list-style-type: none"><li>• Although allowed under certain circumstances by the Standard Specifications, whenever possible avoid chemicals stabilization methods, which may contribute to soil pollution.</li></ul>

## **Limitations (Continued)**

- Construction traffic management may be subject to air quality control measures. Contact the local air quality management agency for more information.

## **Inspections and Maintenance**

- Properly maintain all BMP features. Inspect, prepare a written report, and make repairs to BMP measures at following intervals:
  - (1) Inspect weekly during dry periods.
  - (2) Within 24 hours of any rainfall of 0.5 inch or greater which occurs in a 24-hour periods.
  - (3) Daily during periods of prolonged rainfall.
  - (4) When existing erosion control measures are damaged or not operating properly as required by site specific BMP.
- Periodically apply additional aggregate on gravel roads.
- During the dry season, active dirt construction roads shall be watered three or more times per day.