



**Bowling Green, Kentucky
Stormwater Best Management Practices (BMPs)
Good Housekeeping Practices (GHPs)**

GHP-02

Activity: Paving Operations (PO)

**PLANNING
CONSIDERATIONS:**

Training:
None

**Inspection
Frequency:**
Daily

**Implementation
Cost:**
Low

**Monthly
Maintenance:**
Low



Target Pollutants

Significant ♦ Partial ♦ Low or Unknown ♦

Sediment ♦ Heavy Metals ♦ Nutrients ♦ Oxygen Demanding Substances ♦ Toxic Materials ♦
Oil & Grease ♦ Bacteria & Viruses ♦ Floatable Materials ♦ Construction Waste ♦

Description

Paving operations have the potential to introduce a large amount of pollutants to into the environment. This BMP will reduce or prevent the discharge of pollutants by using measures to prevent run-on and runoff pollution along with proper disposal of waste, and proper training of employees and subcontractors.

Approach

- Do not pave during wet weather.
- Store paving materials away from water courses to prevent stormwater run-off.
- Protect water courses, particularly in areas with a grade, by implementing BMPs to divert runoff or trap/filter sediment (see [SMP-05](#), [-06](#), [-10](#), [-12](#)).
- Leaks and spills can contain toxic levels of heavy metals and oil and grease generated from paving equipment. To alleviate these pollutants into the area, place drip pans or absorbent materials under paving equipment when they are not being used. When spills do occur, clean up spills with absorbent materials (see [GHP-05](#)).
- Cover catch basins and manholes when applying seat coat, tack coat, slurry seal or fog seal.
- Most commercial covers will magnetically seal flat catch basins and inlets.
- If paving involves Portland cement concrete, see [GHP-09](#), Concrete Waste Management
- If paving involves asphalt concrete do the following:
 1. Keep sand or gravel placed over new asphalt from being washed into storm drains, streets or creeks by sweeping. Refer to [GHP-06](#), Solid Waste management for proper disposal.
 2. Old asphalt must be disposed of properly. Collect and remove all broken asphalt from the site and recycle.
 3. If paving involves on-site mixing plant, follow the stormwater permitting requirements for Industrial activities.

Activity: Paving Operations**GHP-02****Maintenance**

- Maintain inlet protection so that water is not allowed to back up onto areas subject to traffic. Alternative measures should be employed if back up occurs.
- When sediment reaches storage capacity inlets need to be cleaned and repair as needed.
- Keep ample supplies of drip pans or absorbent materials on-site.

Inspection Checklist

- Machinery is not leaking and properly maintained.
- Inspect employees and subcontractors to ensure that measures are being followed.