

## DEPAVEMENT CONSULTATION & INSTALLATION GUIDANCE

### *Consultation*

The consultation is an opportunity to meet with the homeowner, and gather the necessary information to generate a design and estimate for the installation. In your estimate, please list separately information about the portion of the job included within the Rain Check program and any additional work requested by the homeowner. E-mail the estimate to the homeowner and PHS program administrator. Recommended elements for the cost estimate:

1. Summary
  - a. Simple description of area to be de-paved
  - b. Material to be removed
  - c. Estimated depth and square footage of material removed
  - d. Ability to reuse materials on site (if applicable)
2. Site sketch
  - a. Simple picture of area to be de-paved, can be drawn by hand.
3. Labor
  - a. Number of people
  - b. Estimated hours
  - c. Hourly rate
4. Materials for follow-up treatment
  - a. Soil amendments (type, quantity, cost)
  - b. Grass seed
  - c. Clean stone
  - d. Other
5. Additional costs
  - a. Access to the site
  - b. Estimated quantity and description of removal and disposal of materials from site
  - c. Travel
  - d. Any additional requests from the homeowner

### *De-pave Guidelines*

#### **Step 1 – Remove Impervious Cover**

- Avoid utilities. Call PA One-Call before digging (800-242-1776) to determine utility locations.
- Make sure de-paved area follows Rain Check De-paving Guidelines:
  - *The basement is wet*, so the area to be depaved is at least 10 ft away from the basement wall of any existing structures.
  - *The basement is dry and no additional water is directed to the area*, besides the rain that falls on it directly, (A 2 ft separation is recommended between the wall and the depaved area if it is to be landscaped).
  - *The basement is dry but runoff from a surrounding area will flow on to the area to be depaved*, so the area to be depaved is at least 10 ft away from the basement wall of any existing structures and will be designed to manage additional runoff.
  - The tool manages stormwater that would otherwise run into the sewer. **(Required)**
- Saw cut the area to be de-paved.
- Break up impervious material with appropriate tool(s): breaker bar, pickaxe, sledge hammer, concrete saw, jack hammer, skid steer, etc.
- Ensure de-paving does not impact adjacent structures.

- Properly dispose of or re-use the impervious material (see resource information below). Asphalt is a recyclable material and concrete can be re-used in a variety of ways.
- Remove material underlying the de-paved area to a minimum depth of six inches. Any gravel or base course must be removed in its entirety. If no gravel or base course is present, excavate to a depth of six inches.

### **Step 2 – Follow-up Treatment**

- After de-pavement is complete, install the proposed follow-up treatment(s) as applicable.
- *Vegetation Follow-up*
  - Restore the compacted soil by breaking it up with a spading fork, pickaxe, or tiller.
  - After the soil is properly aerated, mix in a few inches of organic matter (compost – see resource information below) and/or topsoil to establish a quality planting bed that is at least six inches deep and level with the surrounding grade.
  - Plant desired seed mix (lawn, wildflowers, etc.) appropriate for the season – spring or fall.
- *Clean Stone Follow-up*
  - Backfill the excavated area with clean stone (all fines must be washed from stone before placement) to establish a final surface that is level with the surrounding grade.
- *Porous Pavers*
  - Refer to guidance for porous pavers.
- *Rain Gardens*
  - If de-paved area meets requirements for an area where a rain garden is feasible and appropriate, refer to guidance for rain gardens.

#### *Local Resources*

Building material recycling center: Richard S. Burns 4300 Rising Sun Avenue, Philadelphia, PA 19140; Phone: 215.324.6377; Website: [www.burnscompany.net](http://www.burnscompany.net)

Compost: The Fairmount Park Organic Recycling Center, 3850 Ford Road, Philadelphia, PA 19131; Phone: 215-685-0108; Website: [www.fairmountpark.org/Recyclingcenter.asp](http://www.fairmountpark.org/Recyclingcenter.asp)