

Cumberland County Dirt, Gravel, and Low Volume Roads Program

“The purpose of the Program is to create a better public road system with a reduced environmental impact. The Program focuses on “Environmentally Sensitive Road Maintenance Practices” that reduce the impact of road runoff and sediment to local streams, while reducing long term maintenance costs.” CDGRS

Cumberland County Conservation District administers the Dirt, Gravel, and Low Volume Roads (DGLVR) Program and works with **local, public road owning entities** within Cumberland County!

Paved/Sealed Surface Low Volume Road Program is open to any public road that has less than 500 cars per day.

Dirt and Gravel Road Program is open to any unpaved public road that is stone, gravel, and/or dirt.

Annual Project Money Available for Cumberland County:

\$ 102,580.00 Low Volume Roads Program
\$ 80,000.00 Dirt & Gravel Roads Program



North Newton Township, Fry Road
Underdrain installation

At least one municipal member, involved with construction, must attend a **FREE, 2-day Environmentally Sensitive Maintenance (ESM) Practices Training** provided by the Center for Dirt & Gravel Roads Studies, in order to be eligible for project funding.



Upper Mifflin Township, Game Lands Road
End wall installation

Not ESM Certified? Sign up today!

2018 ESM Certification Class May 9 & 10, 2018

Premier Events LLC
Shippensburg, PA 17257

Sign up at:
www.dirtandgravel.psu.edu/education-and-training/esm-course

NOT ONLY FOR DIRT ROADS!

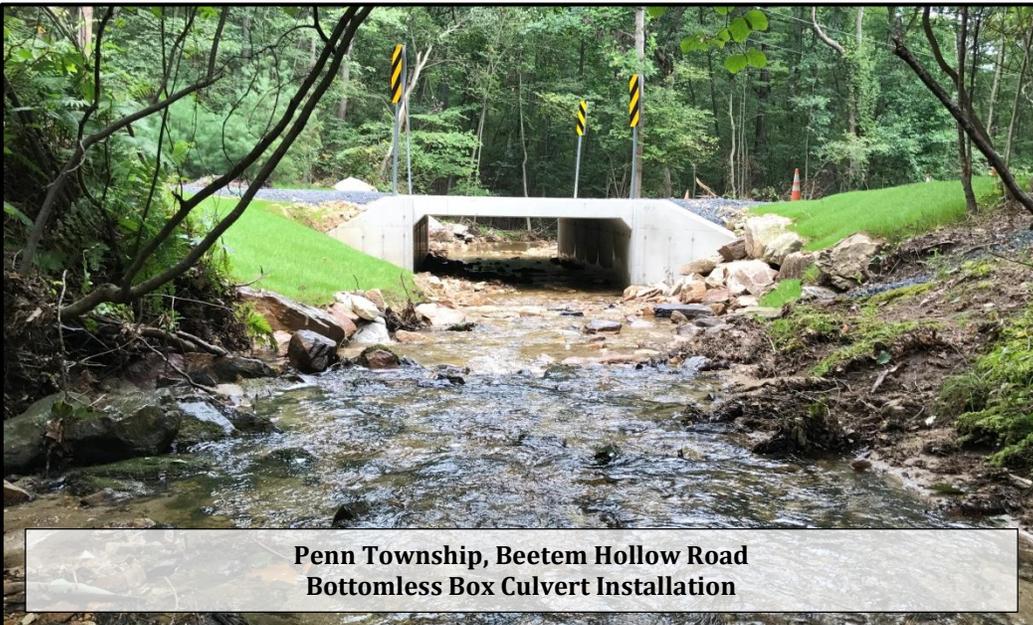
Cumberland County Dirt, Gravel, and Low Volume Roads Program



Dickinson Township, Cold Springs Road
Shallow Cross Pipe and Grade Break Installation

“Pennsylvania’s Dirt Gravel, and Low Volume Road Maintenance Program provides funding to eliminate stream pollution caused by runoff and sediment from the State’s comprehensive network of unpaved and low volume public roads.” Center for Dirt & Gravel Road Studies (CDGRS)

“The goal of the Program is to create a more environmentally and economically sustainable low volume road network through education, outreach, and project funding.” CDGRS



Penn Township, Beetem Hollow Road
Bottomless Box Culvert Installation

ESM Practices

Drainage Pipes

- Head walls & End walls
- Shallow Cross Pipe
- Cross Pipe Realignment

Subsurface Drainage

- French Mattress
- Underdrains

Streams

- Corman Clearwater Crossing
- High-water Bypass
- Aquatic Organism Passage
- Bottomless Structures

Vegetative Management

- Selective Thinning
- Proper Pruning
- Seeding & Mulching
- Long-term Stability

Surface Drainage

- Crown and Cross Slopes
- Grade Breaks
- Broad-based Dips
- Conveyor Belt Diversions
- Raising the Road Profile

Road Banks

- Bank Benches
- Through-the-bank Pipes
- Naturalizing Bank Shape
- Bank Stabilization

Driving Surface Aggregate

Questions?

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Conservation District
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FIND OUT HOW YOU CAN GET INVOLVED TODAY!

<http://www.cumberlandcd.com>
<http://www.dirtandgravel.psu.edu>