



Dirt Gravel and Low Volume Roads Program

Old Franklin Road, Low Volume Road Project

Design Features: cross pipes, rip rap infiltration outlet, underdrain, and catch basin

Date of Installation: 2023

Location: Old Franklin Road, Donegal Township, Westmoreland County

Client: Donegal Township

Cost: \$13,247.91 of Low Volume road funds were used with an In-Kind contribution of \$9,340.05 from the township. The total cost of the project was \$22,587.96.

Project Partners: Donegal Township, Westmoreland Conservation District, and the Center for Dirt and Gravel Road Studies.

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Filling the ditches of the road with stone.

Project Specifications

Previously the roadside was saturated and remained wet for significant portions of the year. The existing grate was covered and clogged. There was only one crosspipe present at the bottom of the hill that resulted in near constant maintenance due to clogging. The ditches were very deep and resulting in large amounts of erosion.

Benefits/Performance Measures

Replacement of the crosspipe and grate led to reduced maintenance costs for the township. The filling of the ditches also helped to reduce erosion and sediment pollution that enters waterways and negatively impacts aquatic organisms.



(Before) Deep ditches posed threat to drivers and large amount of erosion were present.

(After) Cross pipe added from one side of the road to the other.

