

# McDermott-Rushtown Road Slip Remediation, Relocation & Retaining Wall Scioto County, Ohio



## Project Description

In 2014 Howerton Engineering & Surveying was contracted by Rush Township to review an existing road slip they are encountering on McDermott-Rushtown Road. Rush Township had received a grant from FEMA to repair the slip; so all work was performed using FEMA standards.

The first phase was to perform a subsurface investigation and prepare a cost analysis of all options to rehab the road slip. Then a topographic survey of the property was performed to better address the issues causing the slips along with a right-of-way survey to determine the extents of the remediation.

The second phase was to prepare construction plans and documents based off the Township's choice of rehab options. The plans and contract documents were created and submitted to the township for approval. Howerton Engineering & Surveying aided the Township in the bidding and construction management services as well as placing our resident construction inspector on site during the duration of construction.

The design of an 800 linear feet reinforced plug pier retaining wall was developed and plans & Specifications were prepared.

This project was completed in 2015 on schedule and under budget.  
Project Budget: \$1,300,000

## Client/Location

Rush Township  
PO Box 252  
McDermott, OH 45652  
(740) 259-3141

## Client Reference

Tim Knittel  
Township Trustee  
(740) 357-8693  
Knitteltim@yahoo.com

## Project Status

Complete

## Dates of Service

Design – 2014  
Construction – 2015

## Special Features

- Topographic Survey
- Boundary Survey
- ROW Survey
- Utility Location
- Cost Analysis
- Pile Wall System
- FEMA Funds
- Storm Water Analysis
- Construction Inspection
- Geotechnical Analysis
- Storm Water Design
- Bidding Assistance

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