

Request for Qualifications
Road Slip Repair Investigation and Design
January 2020

Project Name: TR 943 McBurney Road & Embankment

Project Scope: Geotechnical Survey and Design for the Embankment Stabilization Project

As a result of the severe storms of February 2019, local infrastructure was damaged. Statewide, the damage was great enough to be declared an emergency and subsequently funded both by FEMA and Ohio EMA.

The Township is in need of professional services to provide investigation, evaluation, design and construction oversight for the project listed above. The selected entity will show the best combination of experience and resources to provide the most cost-efficient repairs that will provide service with little or no maintenance for the longest possible term.

We expect the project to need the following items:

A geotechnical investigation to determine the depth and limits of the failure and adequate information to make repairs. This will include both field and laboratory analysis of samples taken from the site. Depths of borings will vary greatly and will need to be determined by records investigation and on-site conditions, but we expect a maximum depth of 50 feet.

An engineering analysis will then be performed to determine what repair options are appropriate and the most cost effective between the options identified. The longevity of the repairs is crucial for the Township as is the lowest maintenance solution. Once the solution style is selected a site specific and detailed cost estimate will be provided before moving into a final design stage. The final design will be used to develop construction documents for the project to be sold per State Government entity standards. The bid results will be reviewed and a recommendation made to the Trustees for their selection. The selected consultant will review all pay requests and ensure they represent the actual work completed in the field.

Surveying will be needed to ensure the work listed above can be done accurately and reliably for the designing engineers. Local horizontal and vertical benchmarks and topography within 75' of the road centerline should be adequate. Utilities and other unique features should also be noted.

The project needs to be completed within the budget approved by FEMA and justification for reimbursement of design fees will need to be provided to the Township and/or FEMA prior to payment for services.

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Please send your information to: **Millwood Township**
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