

MILLER TILE PROJECT #141

Sandusky County

PRELIMINARY REPORT

The proposed project begins at the existing catch basin on the north side of Mt. Carmel Road (aka Township Road 183) at the existing 12" crossover (GR 183-0.04), approximately 1500' east of the northwest corner of Section 35 of Green Creek Township; Thence south under TR 183 approximately 200'; Thence in a south-westerly direction approximately 2400' to the existing 60" culvert (GR 195-3.12) under Galetown Road (aka Township Road 195) where a sufficient outlet is provided and the project will terminate.

The portion petitioned is approximately 2,600' feet long and drains approximately 140 Acres of farm ground and residential lots. The petition filed requests a reconstruction of the existing watercourse or construction of a new watercourse utilizing open ditch and/or pipe to make the channel adequate to serve its watershed as is reasonable and feasible.

It is the opinion of the engineer that there is an issue of excess water that does not have a sufficient water course to accomplish the prayer of the petition. With the completion of the project, benefits will include the reclamation of unfarmable ground and relief of standing water in residential lots, as well as providing a sufficient outlet for the entire watershed.

The engineer's proposal is two parts. First, the existing 12" crossover pipe, along with the pipe through the Avers and Shearn residential lots will be replaced with a 30" pipe. The upgraded pipe size, along with having more adequate inlets for collecting surface water, will alleviate the flooding north of TR 183 and between residences and convey the water in a more efficient manner. Then, at the back side of said residential lots at the outlet of the new pipe, an open ditch will be constructed through the low lying areas of the fields where ponding is currently taking place for approximately 2400' to the existing 60" pipe under TR 195 where the project will terminate.

The estimated cost for the project is \$136,358.00 and the estimated incidental cost is \$14,142.00 for a grand total of \$150,500.00. Clearing and grubbing, removal of existing pipe and miscellaneous removals, excavation, new pipe, catch basins, and seeding and mulching are

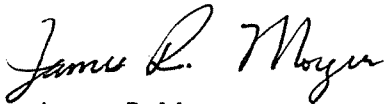
included in the construction costs. Incidental costs include items such as contract performance bonds, maintenance of traffic, construction layout stakes and surveying, commissioner's expenses, and a contingency fund.

It should be pointed out that all costs are only an estimate. Final assessments would be based on actual costs.

It is the opinion of the Engineer that the proposed project is feasible, that it is conducive to the public, that there is a sufficient outlet, and that the benefits will exceed the cost.

Respectfully submitted

Date: 5-29-14



James R. Moyer

Sandusky County Engineer

Date: 5-29-2014



Matthew S. Reinhart

Drainage Engineer