

TIPPECANOE COUNTY SURVEYOR
TIPPECANOE COUNTY OFFICE BUILDING
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Maintenance Report on the Leader Newton #115 Drain
Tippecanoe County Drainage Report
January 28, 2013

The exact date of the original construction of the Leader Newton Tile Drain is unknown. The original tile work and surface work were accomplished through the Soil Conservation Service in the 1960's. The tile, including the various laterals and its watershed are located in portions of Sections 28, 29, 32 and 33 in Township 21 North, Range 5 West in Jackson Township in Tippecanoe County, and Sections 4 and 5, Township 20 North, Range 5 West in Coal Creek Township in Montgomery County. The tile outlets into the West lateral of the Little Wea Creek Conservancy.

The watershed area contains 1160.33 acres in Tippecanoe County and 37.56 acres in Montgomery County for a total watershed area of 1197.89 acres. There are approximately 9475 feet of tile on the Main Branch, ranging in size from 14-inch to 24-inch, and approximately 11450 feet of tile laterals, ranging in size from 6-inch to 10-inch.

The Leader-Newton Drain Maintenance Fund was established by the Tippecanoe County Drainage Board on the 3rd day of September, 2002. Currently the Maintenance fund is \$87,424.68 in the red.

It is the judgment of the Tippecanoe County Surveyor that an estimated sum of \$136,000.00 is needed to repay, maintain and improve the existing drainage system.

An assessment of \$14.00 per acre over an eight-year period is recommended. This will generate \$135,869.76 over an eight-year period. Assuming the needed maintenance and improvements are completed at that time the per acre assessment would be lowered to \$6.25 per acre.

It is the opinion of the Tippecanoe County Surveyor this rate increase will allow for the much needed current tile replacement project and also ensure that monies will be generated for future maintenance on this system.

Respectfully Submitted by:



Zach Beasley P.L.S., M.S.
Tippecanoe County Surveyor

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