

TIPPECANOE COUNTY SURVEYOR
TIPPECANOE COUNTY OFFICE BUILDING
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JOHN BONE REGULATED DRAIN #129
RECONSTRUCTION REPORT
APRIL 18, 2019

The John Bone Drain was originally constructed at an unknown date as a private tile drain. The drain and its watershed are located in Sections 28, 29, 30, 31 and 32 of Township 33 North and Range 5 West, in the political townships of Union and Wayne all being within Tippecanoe County, Indiana.

Based on testimony from the benefitted landowners and Lidar elevation and contour data available in the year 2019, the total benefitted watershed area is 660.81 acres. From this day forward there are 13,271 lineal feet of main and branch tile, and 900 lineal feet of open ditch under maintenance.

It is the professional judgement of the Tippecanoe County Surveyor that a sum of \$124,836.25 is needed to reconstruct the existing tile drainage system.

A reconstruction assessment rate of \$38.00 per acre and a \$20.00 minimum over a five (5) year period are recommended. This will generate \$125,887.23 over a five (5) year period. Assuming the reconstruction project has been completed after five (5) years, the per acre assessment rate will be lowered to a maintenance rate of \$5.75 per acre and a \$20.00 minimum over an eight (8) year period. This will generate \$31,544.28 over an eight (8) year period. The maintenance rate shall not be changed during the five (5) year reconstruction period.

These rates will allow for the much needed reconstruction project and ensure that monies will be generated for future tile and open ditch maintenance.

Respectfully submitted by:


Zachariah E. Beasley P.S., M.S., C.F.M.
Tippecanoe County Surveyor

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