

**TIPPECANOE COUNTY SURVEYOR**

**TIPPECANOE COUNTY OFFICE BUILDING**

**20 NORTH 3<sup>RD</sup> STREET**

**LAFAYETTE, INDIANA 47901**

**Tel. (765) 423-9228 Fax (765) 423-9241**

**surveyor@tippecanoe.in.gov**

**COX VANDERKLEED #127**

**REGULATED DRAIN**

**RECONSTRUCTION REPORT**

**JULY 24, 2017**

Historically this drain was a private system. Tippecanoe County Surveyor was unable to identify the origin of this drain. No historic files, construction plans, or other relevant data was discovered during the reconstruction investigation. The drain and its watershed are located in Sections 22 and 27 of Township 22 North and Range 5 West in the political township of Union, Tippecanoe County, Indiana.

It is the judgement of the Tippecanoe County Surveyor based on testimony from the benefitted landowners and 2 foot contour information available in the year 2017 the total benefitted watershed area is 435.80 acres. There is 4344 lineal feet of main tile consisting of 24", 18" and 15" tile. Additionally there is 2125 lineal feet of branch tile consisting of 12" and 10" tile. As of this hearing there are 6469 lineal feet of tile and 750 lineal feet of open ditch under maintenance.

It is the recommendation of the Tippecanoe County Surveyor that a sum of \$151,903.00 is needed to reconstruct the existing tile drainage system.

A reconstruction assessment rate of \$70.00 per acre and a \$50.00 minimum over a five (5) year period are recommended. This will generate \$152,834.00 over a five (5) year period. Assuming the reconstruction project has been completed after the five (5) years, the per acre assessment will be lowered to a maintenance rate of \$6.25 per acre and a \$20.00 minimum over an eight (8) year period are recommended. This will generate \$22,203.52 over an eight (8) year period.

Is it the professional judgement of the Tippecanoe County Surveyor these rates will allow for the much needed reconstruction project and ensure monies will be generated for the future tile maintenance.

Respectfully submitted by:

  
Zachariah E. Beasley P.S., M.S.

Tippecanoe County Surveyor

Cc: file

ZEB/bjg