

Reconstruction Report on the John L. Hengst #117 Regulated Drain

Tippecanoe County Drainage Board

April 18, 2011

The John L. Hengst Drain was originally established as "John L. Hengst et al" by the Superior Court of Tippecanoe County, Indiana on September 24, 1917, Report #388. The drain and its watershed is located in Sections 13, 22, 23 and 24 of Township 23 North and Range 3 West in the political Township of Perry, Tippecanoe County, Indiana.

Upon reading through historical files available in the Tippecanoe County Surveyors Office it is apparent that a hearing was set to establish a maintenance fund on the John L. Hengst Drain at 10:30 a.m. on September 6, 1972.

The meeting minutes indicate that several land owners were in attendance and all were in agreement that the John L. Hengst Drain was in need of reconstruction. County Surveyor Dan Ruth agreed to help with said reconstruction and indicated that it would possibly be spring of 1973 before a new hearing could be called. Mr. Ruth also indicated that the tile needed to be replaced with an open ditch from CR 900E Easterly or upstream to approximately CR 1025E. Mr. Ruth also prepared a proposed Maintenance report dated August 28, 1972. However, with good intentions evident by all there are no further records indicating that anything was completed beyond 1972.

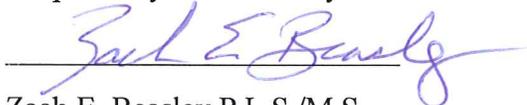
By using information available in the 1970's the proposed 1972 maintenance report indicates a watershed area totaling 563.4 acres and being totally within Tippecanoe County. It is the judgment of the Tippecanoe County Surveyor based on testimony from benefitted landowners; Geographical relationship to other County Regulated Drain Watersheds and 2 foot contour information available in the year 2011, that the total benefitted watershed area is 449.6 acres. According to the proposed 1972 maintenance report there is 9870 lineal feet of tile main and 2815 lineal feet of branch tile. These distances are consistent with the original construction plans from 1917. The longest tile is 18" (inch) in diameter.

After onsite inspection and investigation, it is the recommendation of the Tippecanoe County Surveyor that as of April 2011 there is 9100 lineal feet of tile main, 2815 lineal feet of branch tile and 200 lineal feet of open ditch which stops on the West Right of Way of CR 900E. In the 1970's an open ditch was proposed to replace the tile however, today landowners agree the decrease in tillable acres is a concern and therefore the tile will be replaced.

It is the judgment of the Tippecanoe County Surveyor that a sum of approximately \$57,000.00 is needed to reconstruct and improve the existing drainage system.

An assessment of \$26.00 per Acre and a \$150.00 minimum over a five year period is recommended. This will generate \$12,832.50 per year and a total of \$64,164.00 over a five year period. Assuming the Reconstruction and improvements are complete and the General Drain Fund has been repaid after the five year period, the Tippecanoe County Surveyor recommends the per acre assessment be lowered to a maintenance rate of \$12.00 per acre with a \$75.00 minimum.

Respectfully Submitted by:



Zach E. Beasley P.L.S./M.S.

Tippecanoe County Surveyor

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