

**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**  
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**AMANDA KIRKPATRICK REGULATED DRAIN #44**  
**RECONSTRUCTION REPORT**  
**AUGUST 15, 2016**

A Petition to Reconstruct the Amanda Kirkpatrick Regulated Drain #44 was approved by the Tippecanoe County Drainage Board and returned to the County Surveyor for a Reconstruction Report February 11, 2015.

The Amanda Kirkpatrick Regulated Drain #44 and its watershed are located in Sections 18 and 19 of Township 21 North Range 5 West and Sections 13,14, 23 and 24 of Township 21 North and Range 6 West in the political township of Jackson all being within Tippecanoe County Indiana.

The Amanda Kirkpatrick Drain was originally constructed per the Drainage Commissioners Report dated June 13, 1884 as found in the Tippecanoe County Superior Court Records- Box No. 185, Case No. 3456. The present day watershed area is 1023.41 acres.

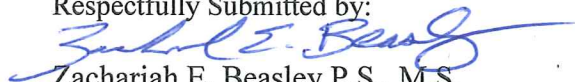
A Maintenance Fund of \$1.00 per acre was established by the Tippecanoe County Drainage Board on the 6<sup>th</sup> day of April, 1972. However on February 2, 2005 the rate was raised 25% to \$1.25 per acre in accordance with I.C. 36-9-27-42.

I have personally walked, drove, met with landowners and inspected the Amanda Kirkpatrick drainage system per the request of the landowners who signed the petition. Based on the wishes and needs of the petitioners in this watershed it is my professional judgement that the existing clay and concrete main tile be removed and replaced with a larger capacity new tile. To serve the request of the landowners, 3550 lineal feet of 30" diameter tile, 3920 lineal feet of 24" diameter tile, 1600 lineal feet of 18" diameter tile, 950 lineal feet of 15" diameter tile and 440 lineal feet of 12" diameter tile will be installed combined with other miscellaneous items.

It is the professional judgement of the Tippecanoe County Surveyor that a sum of approximately \$363,555.50 is needed to reconstruct and improve the Amanda Kirkpatrick regulated drainage system. After completion of the project there will be 670 lineal feet of open ditch, 10,460 lineal feet of tile under maintenance.

An assessment of \$71.05 per acre and a \$50.00 minimum over a five (5) year period is recommended. This will generate \$363,665.60 over a five (5) year period. Assuming the reconstruction and improvements are completed and the general fund has been repaid after the five (5) year period, the Tippecanoe County Surveyor recommends the per acre assessment be lowered to a maintenance rate of \$4.00 per acre and a \$30.00 minimum with an eight (8) year collection total.

Respectfully Submitted by:

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

Cc: file  
ZEB:bjg