

**TIPPECANOE COUNTY SURVEYOR**

**TIPPECANOE COUNTY OFFICE BUILDING  
20 NORTH 3<sup>RD</sup> STREET  
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**MARY MCKINNEY REGULATED DRAIN #52  
RECONSTRUCTION REPORT  
January 23, 2014**

The Mary McKinney Regulated Drain #52 was referred to the County Surveyor by the Tippecanoe County Drainage Board for a Reconstruction Report on December 7, 2011.

The Mary McKinney Regulated Drain and its watershed are located in Section 34 Township 24 North and Range 6 West and Sections 2, 3, 10 and 11 of Township 23 North Range 6 West in the political Township of Shelby, Tippecanoe County, Indiana. Also Section 33 in Township 24 North and Range 6 West in the political township of Bolivar, Benton County, Indiana and Section 4 in Township 23 North and Range 6 West in the political township of Medina, Warren County, Indiana.

The Mary McKinney Regulated Drain was organized in 1908 in Tippecanoe County Superior Court, Case No. 9280, Mortgage Record Book No. 92, page 261. The watershed is ~~983.51~~ <sup>914.838</sup> acres. *BJG*

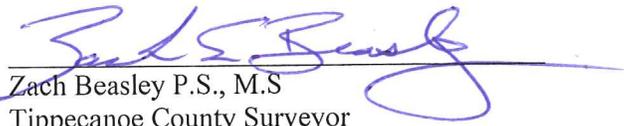
A maintenance fund of \$1.00 per acres was established by the Tippecanoe County Drainage Board on the 3<sup>rd</sup> day of May, 1972. However on February 8, 2007 the maintenance rate was increased by Twenty-Five Percent (25%) to \$1.25 per acre in accordance to I.C.36-9-27-42.

I have personally walked, driven, talked with landowners, and inspected the Mary McKinney drainage system per the request of the landowners who signed the petition. It is my professional judgment to accomplish the wishes of the landowners, and based on my investigation, a parallel main tile system should be installed beside the existing Mary McKinney main tile line. Additionally, a parallel branch tile system should be installed beside the existing branch tile system. The existing tiles are in good condition and in working order, however it is under sized and lacks the capacity to drain the watershed as desired by the landowners. To reach this goal 4,685 lineal feet of 24" diameter tile, 2,425 lineal feet of 18" diameter tile, 4,850 lineal feet of 15" diameter tile and 1,068 lineal feet of 12" diameter tile will be installed combined with other miscellaneous items.

It is the judgment of the Tippecanoe County Surveyor that a sum of approximately \$312,433.00 is needed to reconstruct and improve the Mary McKinney drainage system. After completion of the project there will be 14,900 lineal feet of main tile and 10,718 lineal feet of branch tile under maintenance.

An assessment of \$63.50 per acre and a \$50.00 minimum over a five year period is recommended. This will generate ~~\$312,608.37~~ over a five year period. Assuming the reconstruction and improvements are completed 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 \$5.00 per acre and a \$30.00 minimum, with an 8 year collection total.

# *290,797.34* *BJG*  
Respectfully Submitted by:

  
Zach Beasley P.S., M.S.  
Tippecanoe County Surveyor  
CC: file  
ZEB:bjg