

CALVIN LESLEY REGULATED DRAIN #48

RECONSTRUCTION REPORT

January 26, 2012

Referred to the County Surveyor by the Tippecanoe County Drainage Board for a Reconstruction Report on December 3, 2010.

The Calvin Lesley Regulated Drain #48 and its watershed are located in Sections 3 and 4 of Township 23 North Range 3 West in the political Township of Perry and Section 33 and 34 of Township 24 North, Range 3 West in the political Township of Washington, Tippecanoe County, Indiana.

The Calvin Lesley Regulated Drain was organized in 1914 in Tippecanoe County Circuit Court, Case No. 8633, File Box No. 716, Mortgage Record Book No. 105, page 624. The watershed area is 918.8 acres.

A maintenance fund of \$1.00 per acre was established by the Tippecanoe County Drainage Board on the 5th day of October 1977. However in 2005 the maintenance rate was increased 25% to \$1.25 per acre in accordance to I.C.36-9-27-42.

I have personally walked, drove, talked with landowners, and inspected the Calvin Lesley drainage system per the request of the landowners who signed the petition. It is my professional judgment that to accomplish the wishes of the landowners and based on my investigation a parallel or dual main tile system should be installed beside the existing Calvin Lesley main tile line. The existing main tile is in good condition and in working order, however it is under sized and does not have the capacity to drain the land as desired by the landowners. To reach this goal 7580 lineal feet of 24" diameter tile and 2206 lineal feet of 18" diameter tile will be installed combined with other miscellaneous items.

It is the judgment of the Tippecanoe County Surveyor that a sum of approximately \$282,000.00 is needed to reconstruct and improve the Calvin Lesley drainage system. After completion of the project there will be 1000 lineal feet of open ditch, 20,586 of main tile and 5000 lineal feet of branch tile under maintenance.

An assessment of \$60.00 per acre and a \$200.00 minimum over a five year period is recommended. This will generate \$290,900.40 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 \$10.00 per acre with a \$50.00 minimum with an 8 year total.

Respectfully Submitted by:



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

Tippecanoe County Surveyor