

TIPPECANOE COUNTY SURVEYOR

TIPPECANOE COUNTY OFFICE BUILDING

20 NORTH 3RD STREET

LAFAYETTE, INDIANA 47901

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

surveyor@tippecanoe.in.gov

FIELDING E. MORIN REGULATED DRAIN #57

RECONSTRUCTION REPORT

MARCH 14, 2017

A Petition to Reconstruct the F.E. Morin Regulated Drain #57 was accepted by the Tippecanoe County Drainage Board and referred to the County Surveyor for a Reconstruction Report on August 6, 2014.

The F.E. Morin Regulated Drain #57 and its watershed are located in Sections 22,23,26 and 27 of Township 21 North, Range 4 West in the political township of Lauramie, all being within Tippecanoe County, Indiana.

The Fielding E. Morin Drain was originally constructed in 1893 as the Milton Morin, Etal Ditch per Superior Court, Cause No. 5897, File Box 281. According to Superior Court Cause No. 156, Record No. 1, page 251 in 1916 another hearing was held and the name was changed to Fielding E. Morin. The current watershed area is 696.81 acres.

A maintenance fund of \$1.00 per acre was established by the Tippecanoe County Drainage Board on the 1st day of May 1974. However, in 2003 the maintenance rate was increased 25% to \$1.25 per acre in accordance to I.C. 36-9-27-42.

I have personally walked, driven, talked and met with landowners and inspected the F.E. Morin 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 tile be removed and replaced with a new tile. To reach this goal 6200 lineal feet of 24" diameter tile and 3530 lineal feet of 15" diameter tile will be installed combined with other miscellaneous items.

Due to the fact that all subsurface drainage on the Allen Orr property was redirected out of the F.E. Morin watershed by a private tiling project, which allowed the main tile to be reduced from 30" to 24", the cost savings of the pipe change is being shown as a benefit /credit to the Allen Orr property. However, the Orr property will remain in the F.E. Morin watershed. Additionally the per acre cost to the other landowners will remain the same.

It is the judgement of the Tippecanoe County Surveyor that a sum of approximately \$273,592.00 is needed to reconstruct and improve the F.E. Morin Regulated Drainage system. After completion of the project there will be 0 (zero) lineal feet of open ditch, 12,365 lineal feet of main tile and 4350 lineal feet of branch tile under maintenance.

An assessment of \$85.00 per acre and a \$50.00 minimum over a five (5) year period is recommended. This will generate \$275,966.73 over a five (5) year period. Assuming the reconstruction and improvements are completed and the General Drain Improvement fund has been reimbursed after the five (5) year period, the Tippecanoe County Surveyor recommends the per acre assessment be lowered to a maintenance rate of \$5.50 per acre and a \$30.00 minimum with an eight (8) year collection rate.

Respectfully Submitted by:


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

Cc: Drain file
ZEB:bjg