TIPPECANOE COUNTY DRAINAGE BOARD  
July 10, 2019  
Drainage Board Meeting Minutes

Those present were:
Tippecanoe County Drainage Board Vice President Thomas P. Murtaugh, member David S. Byers, County Surveyor Zachariah Beasley, Drainage Board Attorney Doug Masson, Engineering Consultants; Dave Eichelberger from Christopher B. Burke Engineering LLC, Machelle Watts from Butler Fairman and Siefert and Drainage Board Executive Administrator Brenda Garrison. James Butcher, Surveyor Office Project Manager and Tim Walters, Surveyor’s office GIS Technician were also in attendance. President Tracy A. Brown was absent.

Approval of Minutes
David Byers made a motion to approve the June 5, 2019 Regular meeting minutes. Thomas Murtaugh seconded the motion. Motion carried.

John Bone Regulated Drain Reconstruction Contract
Vice President Thomas Murtaugh referred to Attorney Masson to open the John Bone Reconstruction Contract Bid. Attorney Masson confirmed one bid was received from Maxwell Farm Drainage Inc. The Maxwell Farm Drainage Inc. bid was in the amount of $110,435.00. Vice President Thomas Murtaugh stated the contract package would be reviewed for compliance and if specifications were met, it would be awarded at end of the meeting.

TKO Graphix
Stephen Fields of AbonMarche and Starr Associates appeared before the Board to present TKO Graphix for conditional approval of site improvements located at Co. Rd. 450S and US52. The project included expanding an entrance off Co. Rd. 450S and constructing a dry detention basin which would outlet into the JN Kirkpatrick Regulated Drain. He stated they were working with the County Highway Dept. on the actual entrance off Co. Rd. 450S as well. He requested approval at that time. The Surveyor reminded the Board this project would utilize the extended portion of the JN Kirkpatrick Regulated Drain which was reconstructed in the last 3-4 years. He then recommended conditional approval with the conditions as stated on the June 28, 2019 Burke memo. There was no public comment. David Byers made a motion to grant TKO Graphix conditional approval as stated in the June 28, 2019 Burke memo. Thomas Murtaugh seconded the motion. Motion granted.

Zach Beasley/Other Business:
Petition for Removal of Obstruction Saddlebrook Phase 3 Part 1 Lot 190/Clawson Richard & Judy Petitioners
The Surveyor presented a Petition for Removal of Obstruction submitted to his office from Richard and Judy Clawson, 236 South Furlong Drive Lafayette Indiana 47905, more specifically: Lot 191 Saddlebrook Estates Phase III Part I. He informed the Board the obstruction involved a rear yard swale located in Saddlebrook Estates Subdivision Phase III Part I. He requested the Board accept the Petition as filed in his office and refer to him for an investigation and report. There was no public comment. David Byers made a motion to accept the Petition for Removal of Obstruction and directed the Surveyor to investigate and report his findings to the Board. Thomas Murtaugh seconded the motion. Motion granted.

Benjamin Crossing Outfall/ Maintenance Bond #107099214
The Surveyor presented Maintenance Bond #107099214 dated June 29, 2019 from Fairfield Contracting and written by Travelers Insurance and Casualty Company in the amount of $53,000 for the Benjamin Crossing Outfall project. The Surveyor noted the large basin in the northeast corner of the Benjamin Crossing development was originally the outfall. The stormwater routed via two 10” plastic pipes across the neighboring DF Properties tract northwesterly and daylighted into the end of the JN Kirkpatrick Regulated Drain. It was anticipated at that time the JN Kirkpatrick County Regulated Drain would be reconstructed and extended as an open ditch in the future. The intent when the DF Properties tract was developed, was the two 10” plastic pipes would be vacated on their tract and a new outlet would be installed. The construction and as built plans for Benjamin Crossing outfall project has been reviewed and approved. This is the 3-year maintenance bond to ensure the workmanship of the project. He requested approval of the bond presented. David Byers made a motion to approve the bond presented. Thomas Murtaugh seconded the motion. Motion carried.
Sulhamstead Subdivision Drainage Complaint Update
The Surveyor gave the Board an update regarding the Sulhamstead Subdivision drainage issue (reported to his office by Richard Leill 4616 East 50N Lafayette Indiana 47905 -immediately downstream from detention basin issue) which was presented to the Board during the June meeting. He stated he held an informal meeting on July 9, 2019 with the landowners to discuss the issue as directed. The subdivision has an active Home Owners Association (HOA) and has had for over 30 years. The members have conducted maintenance on the detention basin several times over the years. He reviewed photos provided by Nick Miller, Homeowners Association President. Photos showed the detention basin’s outlet unobstructed. The Surveyor noted what struck him as highly unusual was that the photos indicated two years ago the detention basin, outlet were in functioning order. Responding to Mr. Murtaugh’s inquiry, the Surveyor stated, the photos taken 2 years showed a functioning detention basin with a unobstructed outlet. The photos taken during his investigation approximately two weeks ago showed at least one to three feet of silt deposited in the detention basin and the outlet pipe completely submerged. The amount of silt deposited into the basin in the last twenty-four months shocked him. However, in perspective the detention basin is located approximately 40 feet lower than the location of the houses. The subdivision has curb gutter street and piping drainage infrastructure. The outlet pipe flowed into a ravine with highly erosive soils then down into the detention basin.
Surveyor Zach Beasley stated there are three issues: 1. Unusually high amount of rainfall this year 2. Highly erosive soils from the ravine slope 3. Reportedly, dirt was dumped down the ravine by a neighboring landowner during their home’s construction process which has eroded into the pond. He stated based off information gathered from the members attending the meeting, a large amount of the dirt came from a neighbor dumping it over the cliff into the ravine. After much discussion, he informed the Board the meeting members expressed to him they would take steps to rectify the situation at hand. Currently the water is flowing down the ravine circumventing the basin (not being released at a controlled rate) then blowing out into the County Road. He stated in his opinion this was a safety matter as water was potentially being blown out in a traveled byway. While the homeowners understood, they asked for leniency on the timeline due to trying to get a contractor to do the work. It will not be an easy job due to the soil conditions and location of the basin. He noted they discussed interest of a long-term solution not just an immediate fix. He recommended the Board give time to the homeowners to rectify the situation working with their HOA. Highway Supervisor Mike Spencer confirmed the department had been out to the location and scraped the road at least once due to a complaint of a large amount of sand, gravel, and sticks caused by a large rain event on Co. Rd. 50N. He recommended providing a follow-up report to the Board in six months. He stated he did express his concern to the members that the work gets completed in a timely manner. The Board agreed to hear a report in six months from the Surveyor.

John Bone Regulated Drain #129 Reconstruction Contract
David Byers made a motion to grant the John Bone Regulated Drain #129 Reconstruction Contract to Maxwell Farm Drainage Inc. in the amount of $110,435.00. Thomas Murtaugh seconded the motion. Motion granted.

Alexander Ross Regulated Drain #68 Reconstruction Update
The Surveyor informed the Board subcontractor Lowe Construction had completed the Jack and Bore of one of the two 42” pipes under Interstate 65 at this point. He stated the project was moving along as expected.

Public Comment
As there was no public comment, David Byers made a motion to adjourn. The meeting was adjourned.

Absente
Tracy A. Brown, President

[Signature]
Thomas P. Murtaugh, Vice President

[Signature]
David S. Byers, Member

[Signature]
Brenda Garrison, Executive Administrator

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