

Tippecanoe County Drainage Board
March 13, 2013
Regular Meeting Minutes

Those present were:

Tippecanoe County Drainage Board President Thomas Murtaugh, Vice President David Byers, member John Knochel, County Surveyor Zachariah Beasley, Drainage Board Attorney Dave Luhman, Drainage Board Secretary Brenda Garrison and Drainage Board Engineering Consultant Dave Eichelberger from Christopher B. Burke Engineering LLC.

Approval of Minutes

David Byers made a motion to approve the February 6, 2013, 2013 regular minutes as written. John Knochel seconded the motion. The February 6, 2013 regular meeting minutes was approved as written.

S.W. Elliott Regulated Drain Branch #11 Reconstruction Contract Award

The Surveyor referred to the Attorney for the status of his review of the bids previously received by the Board in the February 6, 2013 meeting. The Attorney stated he reviewed all the submitted bids and they conformed to the requirements of the specifications of the contract. The Surveyor recommended the Board accept the lowest bid submitted by Milestone Contractors in the amount of \$238,565.95. David Byers made a motion to accept the lowest bid for the S.W. Elliott Regulated Drain #100 Branch #11 Reconstruction Contract submitted from Milestone Contractors LP in the amount of \$238,565.95. John Knochel seconded the motion. The S.W. Elliott Regulated Drain #100 Branch #11 Reconstruction Contract submitted by Milestone Contractors LP in the amount of \$238,565.95 was accepted by the Board. .

S.W. Elliott #100 Regulated Drain Branch #11/ Construction Observation Contract

The Surveyor presented the S.W. Elliott Regulated Drain Branch #11 Reconstruction Part –Time Observation Contract submitted by Christopher B. Burke Engineering LLC in the amount of \$40,000.00. He recommended approval of the contract. David Byers made a motion to approve the S.W. Elliott Regulated Drain Branch #11 Reconstruction Part –Time Observation Contract submitted by Christopher B. Burke Engineering LLC in the amount of \$40,000.00. John Knochel seconded the motion. The S.W. Elliott Regulated Drain Branch #11 Reconstruction Part –Time Observation Contract submitted by Christopher B. Burke Engineering LLC in the amount of \$40,000.00 was approved as presented.

Resolution #2013-01-DB/Establishing Indian Creek Impact Drainage Area

The Surveyor reviewed the history of drainage issues within the Indian Creek watershed. Within the last 2-5 years his office has received numerous drainage complaints, in the area from US 52 and Klondike or Taft Road to County Road 400 West and US 52 intersections. He noted there were other areas of concern within the watershed; however this area was the most problematic. In 2010 the Board determined a Drainage Study of Indian Creek was warranted. Phase one of the study proposed stricter release rates for development within the watershed. The resolution presented would assist in lowering development discharge rates located within the watershed. (Note: See Sept. 2010 minutes: a petition for a new regulated drain was also provided to Judy Bowers, landowner which has not been submitted to Surveyor to date.) The Attorney read the resolution into the record as follows: 2013-01-DB-RESOLUTION ESTABLISHING INDIAN CREEK IMPACT DRAINAGE AREA: WHEREAS, the Tippecanoe County Comprehensive Stormwater Management Ordinance as established by Ordinance No. 2011-27-CM authorizes the Tippecanoe County Drainage Board to classify certain geographical areas as Impact Drainage Areas and to enact and promulgate regulations in respect thereto; and WHEREAS, the Tippecanoe County Drainage Board has found that Indian Creek within the Indian Creek Impact Drainage Area, is a natural stream which receives runoff from a large watershed area as well as additional runoff associated with overflow from the Hadley Lake watershed; that an existing restrictive railroad culvert which is inadequate to accommodate the tributary stream flows is located approximately 4,700 feet downstream of the U.S. 52 crossing of Indian Creek; and that based on the size of the Indian Creek watershed, the introduction of Hadley Lake flows, and the limited capacity of the existing restrictive railroad culvert, there is not an adequate outlet for the watershed, resulting in documented Indian Creek flooding of the Elks Golf Course, the Capilano Estates sole entrance drive, portions of Taft Road, and several residences along Taft Road, and that such flooding has caused or threatens damage to property, endangerment of life, and hinders emergency vehicle access; and WHEREAS, the Tippecanoe County Drainage Board has found and determined that the protection of the public health

and general welfare requires the imposition of special requirements for development within the Indian Creek Impact Drainage Area. NOW, THEREFORE, BE IT RESOLVED that the geographical area more fully described on Exhibit A attached hereto and by reference made a part hereof be and it is hereby designated as an Impact Drainage Area pursuant to Chapter 6, Section 8 of the Tippecanoe County Drainage Code and shall be known as the Indian Creek Impact Drainage Area. BE IT FURTHER RESOLVED, that in addition to complying with all other requirements of the Tippecanoe County Drainage Code, any sub divider, property owner, developer, or contractor, as a condition of approval of any new business, commercial and industrial development, residential subdivision, planned unit development, and any redevelopment or other new construction located within the Indian Creek Impact Drainage Area shall comply with such further and more restrictive stormwater quantity and quality measures than those set forth in the Tippecanoe County Drainage Code or in the Indiana Stormwater Quality Manual as the Drainage Board may from time to time determine to be required to meet the purposes of the Tippecanoe County Drainage Code, which may include, without limitation thereby, the following:

- A. All future developments within the Indian Creek Impact Drainage Area must utilize post-developed allowable release rates as defined on Exhibit B;
- B. Overflow/diversion paths in the reach of Indian Creek between Morehouse Road and U.S. 52 and into and out of Hadley Lake, as defined on Exhibit C, must be protected. If changes to the flow capacity in these areas are proposed, appropriate compensation will be required.

PASSED AND ADOPTED THIS 13th day of March, 2013. TIPPECANOE COUNTY DRAINAGE BOARD

Thomas Murtaugh, President, David Byers, Vice President, John Knochel/ ATTEST: Brenda Garrison, Executive Secretary
End of Resolution

The Attorney stated Exhibit A indicates the Drainage Impact Watershed, Exhibit B indicates the Maximum Allowable Release Rates for sub areas within the watershed, Exhibit C indicates Overflow Diversion Paths that must be protected. There was no public comment. Responding to the Mr. Byers inquiry, the colors on Exhibit B differentiated the sub basins. David Byers made a motion to approve Resolution #2013-01-DB Establishing Indian Creek Impact Drainage Area. John Knochel seconded the motion. Resolution #2013-01-DB Establishing Indian Creek Impact Drainage Area was approved as presented.

Regulated Drain Classification Report/Surveyor

The Surveyor presented the 2013 Regulated Drain Classification Report to the Board. According to I.C. 36-9-27-34 the County Surveyor shall from time to time prepare and submit a regulated drain classification report. His report included the following information: "Drains in need of Reconstruction, Hearing and Rates Increased established in 2011 and 2012, Urban Drains, and Drains in need of Maintenance, Insufficient Maintenance Funds, and Drains with a 25% Increase in Assessment, Drains that should be vacated and Proposed Drains for Hearings in the near future". He noted the attached Exhibit A reviewed all the County regulated drains and actions taken and that which did include the 25% increase passed by the Board last month as well as previous years. The Surveyor stated those drains marked "not maintained" currently did not have maintenance fund established. Petitions have been provided to those interested landowners on these drains. The Attorney stated when a drain is included on the report as in need of reconstruction; it did not require a signed Petition to start the process for reconstruction. The two drains (Edwards and Verhey noted) were in need of reconstruction prior to establishing a maintenance fund for each of them. David Byers made a motion to accept and approve the 2013 Surveyor's 2013 Regulated Drain Classification Report as submitted to the Board. John Knochel seconded the motion. The 2013 Surveyor's 2013 Regulated Drain Classification Report was accepted by the Board.

Raineybrook Phase 3 Part 2 Section 2 Maintenance Bond#105852502

The Surveyor presented Travelers Casualty Insurance Maintenance Bond#105852502 in the amount of \$6,747.00 submitted by Fairfield Contractors Inc. for Raineybrook Phase 3 Part 2 Section 2. He recommended approval. David Byers made a motion to approve Raineybrook Phase 3 Part 2 Section 2 in the amount of \$6,747.00 submitted by Fairfield Contractors Inc. John Knochel seconded the motion. Maintenance Bond#105852502 was approved as aforementioned.

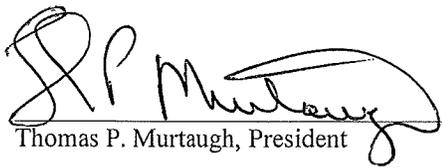
Petition to Encroach with a Bioreactor Bone Private Drain/Josh Cox Maintenance Agreement Bone Private Drain/Josh Cox

The Surveyor presented a Petition to Encroach on a Regulated Drain Easement with a Bioreactor on the Bone Private Drain along with a corresponding Maintenance Agreement for said encroachment and area around it on farmland owned by Josh Cox and located at County Road 660 South. Specifically the encroachment was just east of the culvert approximately 1250 feet south of County Road 660 South. He noted a bioreactor was a bypass system which consisted of a pipe coming off of

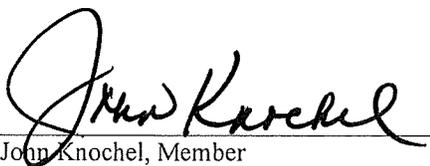
the main tile which leads to a woodchip bed and an outward pipe located under the woodchip bed returned the runoff into the main tile during low flow conditions only. It is relatively new to the area. He recommended approval. David Byers made a motion to accept the Petition to Encroach on a Regulated Drain Easement with a Bioreactor on the Bone Private Drain along with a corresponding Maintenance Agreement for such encroachment and area surrounding it. John Knochel seconded the motion. The Petition to Encroach on a Regulated Drain Easement along with a corresponding Maintenance Agreement was approved as presented to the Board.

Public Comment

There was no Public Comment. John Knochel made a motion to adjourn. The meeting was adjourned.


Thomas P. Murtaugh, President


David S. Byers, Vice President


John Knochel, Member


Brenda Garrison, Secretary

TIPPECANOE COUNTY DRAINAGE BOARD
March 14, 2018
Drainage Board Meeting Minutes

Those present were:

Tippecanoe County Drainage Board President David Byers, Vice President Tracy Brown, member Thomas P. Murtaugh, County Surveyor Zachariah Beasley, Drainage Board Attorney Doug Masson, Engineering Consultant Dave Eichelberger from Christopher B. Burke Engineering LLC and Drainage Board Executive Administrator Brenda Garrison. Evan Warner-G.I.S. Technician with the Surveyor Office, was also in attendance.

Approval February 7, 2018 Regular Meeting Minutes

Approval February 7, 2018 Julius Berlowitz Maintenance Hearing Minutes

Thomas Murtaugh made a motion to approve the the regular meeting and the Julius Berlowitz Drain Maintenance Hearing February 7, 2018 Drainage Board Minutes as presented. Tracy Brown seconded the motion. Motion carried.

Klondike Elementary School Parking Lot Addition

Pat Jarboe of TBird Designs approached the Board and presented the Klondike Elementary School Parking Lot Addition Expansion (approx.0.4 acre) for approval. The existing parking lot located at the northwest corner of the school would be expanded. A pond immediately adjacent to the parking lot would accommodate the 0.4ac additional runoff. The site was located within the Indian Creek Watershed Impact Area, the project's design adhered to the more stringent release rate as required. Mr. Jarboe stated they agreed with the February 15, 2018 Burke memo and requested construction approval at that time. Responding to Mr. Murtaugh's inquiry, the Surveyor noted anytime a project had only administrative items pending a construction approval would be issued. There was no public comment.

The Surveyor recommended construction approval as stated on the February 15, 2018 Burke memo to the Board. Thomas Murtaugh made a motion to grant construction approval for the project as recommended with conditions stated on the February 15, 2018 Burke memo. Tracy Brown seconded the motion. Motion carried.

Bello Terra Site Improvements

Todd Starr of Starr Associates and AbonMarche approached the Board to present Bello Terra Site Improvements Project for approval. A Multi Use Venue was planned for the site. The existing site was located approximately ½ mile west of SR43 and on the south side of CR 650 North. Infrastructure designed such as swales and storm drains would convey runoff to two newly designed dry detention basins which would outlet to an existing wet pond. The western pond was designed to accommodate possible future projects as well. The existing wet pond outlet to an unnamed tributary of Burnett Creek. Burnett Creek was located east of the site. Mr. Starr noted if it is determined a wetland (existing stream area) indeed was located on the project site, a crossing permit would be obtained from the proper agency. He noted he agreed with the March 6, 2018 Burke memo and would provide a permit if required for the file in the near future. There was no public comment.

The Surveyor recommended approval with the conditions as stated on the March 6, 2018 Burke memo along with permit(s) when received provided to his office for the record. Tracy Brown made a motion to grant construction approval for the Bello Terra Site Improvement project with conditions as listed on the March 6, 2018 Burke memo and the added condition the submittal of the wetland permit if required. Thomas Murtuagh seconded the motion. Motion granted.

Clarks Hill Convenience Mart

Michael Thompson with Hamilton Designs Fishers Indiana approached the Board to present the Clarks Hill Convenience Mart for approval by he Board. The site was approximately 2.9 acres and located at the northeast corner of US52 and SR28 in Clarks Hill Indiana. A detention facility onsite was designed to accommodate the low depression areas around the site. This would greatly enhance the intersection's drainage of SR28 and US52. Mr. Thompson noted it was the goal to improve the intersection drainage from existing conditions and stated he felt the design would handle that aspect. Working with INDOT, Mr. Thompson stated they had worked out a

plan for the intersection which made it safer. There was no public comment. The Surveyor noted they were placing a rather large detention basin on the south end of the property and a large infiltration basin on the north end which would accommodate the additional runoff as well as help eliminate a portion of the surrounding area flooding issues. An inlet in the very southeast corner of their site would pick up the offsite water coming from the east (Lincoln Lodge property) and convey it through the infiltration basin (INDOT permits required for emergency routing to roadside ditch -US52) The Southern pond emergency routes out the southwest side of the property. He recommended approval with the conditions as stated on the March 7, 2018 Burke memo. Tracy Brown made a motion to grant conditional approval for the Clarks Hill Convenience Mart with the conditions as stated on the March 7, 2018 Burke memo. Thomas Murtaugh seconded the motion. Motion granted.

Contracts:

The Surveyor presented the US Geological Survey of Joint Funding Agreement regarding the funding of a Gaging Station on the S.W. Elliott #100 Drain. He noted administrative reasons held up the signing of this agreement until today. Due to multiple gaging stations within Tippecanoe County the agreement did not reflect correctly what gage(s) was being funded. He recommended signing and reviewing the project again later in the year to determine if the Board would like to continue funding. Thomas Murtaugh made a motion to sign the agreement with addendum as presented. Tracy Brown seconded the motion. Motion carried.

Zach Beasley/ Other Business

John Bone Private Drain/Dean Craig

The Surveyor presented a Petition to Reconstruct and Establish a New Regulated Drain submitted to his office by Dean Craig. The drain was located in Union Township South and West of the Town of Shadeland. He recommended the Board accept and refer to him for a reconstruction report. Thomas Murtaugh made a motion to refer the John Bone Private Drain Petition to Reconstruct and Establish a New Regulated Drain as presented. Tracy Brown seconded the motion. Motion granted.

Drainage Board Engineer Review Process

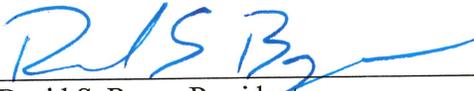
The Surveyor presented documents to outline the new Drainage Board Review Process which was discussed in the last meeting. A sheet indicating established Base Fees (compiled from review of 15 years of data and statewide charges), a notes sheet with helpful notes of the process and requirements, the third sheet listed Project Deadline dates, Technical Advisory Committee (TAC) meeting dates and Drainage Board Meeting Dates. The fourth sheet is a Designer Application Permit Checklist, and lastly the Fee Acceptance Letter. He noted if the County Building or Tippecanoe County Surveyor office is closed on a project submittal date- that date would be moved to the next upcoming business day. He stated he had sent this information packet out to all who may be affected by it and received only one email. He stated he hoped this process could be adopted and move forward. There was no public comment. Tracy Brown asked the Attorney if this document would have to be included in the fee ordinance for the county. The Attorney would investigate and inform the Board. Thomas Murtaugh made a motion to approve the Drainage Review Process as presented by the Surveyor. Tracy Brown seconded the motion. Motion carried. The Attorney would research the proper steps to implement the process as presented by the Surveyor.

Public Comment

Loria Aschenburg 6425 Whippoorwill Lane Lafayette Indiana 47905 approached the Board. (Country Air Estates across from Boy Scout Camp) She lives at the very end of Whippoorwill Lane and Country Air Drive and noted all homes runoff conveys to her property as it is a "sink hole". She noted the water ran from west to east down Whippoorwill Lane and also south from Country Air Drive to her tract. Her tract was the low tract of the area. She stated she has been suffering for some time with flooding and suggested the County should help her since "taxes should pay for good drainage". The Surveyor interjected the Country Air Subdivision in question had been constructed *prior* to a drainage ordinance developed in the County. It was built in the 1960s with *no drainage ordinance in place*. He confirmed, there were other older subdivisions in the county with issues similar to hers, unfortunately the County Drainage Board cannot assist in these situations. No Drainage Studies were conducted etc. Since there were no regulations to follow at the time of construction there are no regulated violations to follow-up on. He stated his staff had made a site visit recently and he had been onsite at various times and spoke

with her on different occasions. He had found a document dated May 15, 1974 from the Home Owners Assoc. of that time in which it appeared they had worked with the local SCS (Soil Conservation Service) to install some tiling. Based on site observations he stated at least some of their tiles were installed (indicated by plastic stand pipes standing in neighbor's yards etc.). He noted an inlet in the first lot of the southeast corner of the latest section had a storm pipe which ran north of the cul-de-sac angled north to the property line that drained that area. This area has had historical issues of poor drainage due to the time of construction with no regulations to follow. Mrs. Aschenberg stated maybe she could sell her property and a detention pond be placed there since it was the low area. The Surveyor suggested a community meeting between the landowners to determine if the tile system did exist in the subdivision or if it was functioning at all. Responding to Mrs. Aschenburg's inquiry, the Attorney stated he could not give her private legal advice. This was an issue between landowners. A petition would need to be filed for this Board to get involved. He reviewed the process for filing a Petition to Establish a Mutual Drain into a new Regulated Drain. She stated she did not believe the other landowners in the watershed would not sign- as they have no issues with the flooding-only her. President Byers responded when a drain is reconstructed the issues prior to the construction would be remedied and drainage would be improved as that was the point for a reconstruction. Responding to President Byers inquiry, the Surveyor noted the street side ditches would be the County Highways department. She stated she had a survey completed by Starr Associates recently. The survey indicated an adjacent neighbor's pool was partially located on her property. She was concerned she would be liable if someone got hurt. The Surveyor noted that was a private property issue and this Board has no jurisdiction. The Attorney noted as a private issue she could hire a design company to assist her with her particular situation. He reiterated he could not assist her with this private situation. President Byers stated Starr Associates did her survey and they also do engineer work. He thanked her for her information.

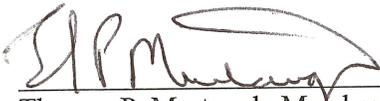
President Byers congratulated the Surveyor for his award from the County Surveyors Association for "Presidents Award for Surveyor of the Year". He stated this County was fortunate to have his services. Tracy Brown made a motion to adjourn as there was no other public comment. The meeting was adjourned.



David S. Byers, President



Tracy A. Brown, Vice President



Thomas P. Murtaugh, Member



Brenda Garrison, Executive Administrator

TIPPECANOE COUNTY DRAINAGE BOARD

March 13, 2019

Drainage Board Meeting Minutes

Those present were:

Tippecanoe County Drainage Board President Tracy A. Brown, 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, Mabelle 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.

Approval of Minutes

Thomas Murtaugh made a motion to approve the February 13, 2019 Drainage Board Meeting Minutes as written. David Byers seconded the motion. Motion carried.

McCutcheon HS Renovation and Addition

Paul Nashert with A&F Engineering appeared before the Board to present the McCutcheon H.S. Renovation and Addition project for approval. The site was located on the east side of Old US Hwy 231 north of CR. 500S (currently on the McCutcheon High School Campus site). He noted due to the growth in Tippecanoe County the McCutcheon HS. has the need to expand with three building additions, a new concessions/locker building, ticket booths, grandstand and parking lot expansion with renovations. A new access drive from CR 500 South was planned for the additional parking lot to ensure safety by separating the bus and vehicular traffic. He noted due to the additional impervious area causing additional stormwater overland flow, The Surveyor requested a storm sewer system designed to include a swale located in the northern portion of the site. This would safeguard the homes near the campus in that area and provide enough capacity to convey the additional flow- in addition to providing one foot of freeboard to the adjacent properties. It was noted that a revised stormwater maintenance agreement was agreed upon between County Attorney Doug Masson and TSC Attorney Mark DeYoung which was more specific to the TSC (Tippecanoe Schools Corporation) Campuses. Mr. Nashert requested approval for this project. The Attorney interjected that Condition #3 on the January 3, 2019 BFS (Beutler Fairman Seifert) Review Memo had been agreed upon by both attorneys (Dr. Bd. and TSC) and would be signed when completed. The agreement was modified to clarify there were no third-party beneficiaries among other items and it was solely between the County and the School Corporation. Mr. Nashert stated the modified agreement was included in the OP Manual submitted to the Surveyor office for consideration today. There was no public comment. The Surveyor stated the project was close to be completed and he recommended conditional approval as stated on the January 3, 2019 BFS Review Memo. Tom Murtaugh made a motion to grant approval with the condition as stated on the January 3, 2019 BFS review memo for the McCutcheon HS Renovation and Additions. David Byers seconded the motion. Motion carried.

Lindberg Point Villas

Tim Wright of Fisher and Associates appeared before the Board to present Lindberg Point Villas for approval. The site was located approximately ¼ north of the intersection of Lindberg and Klondike Roads, specifically on the west side of Klondike Road. He noted he met with both the Surveyor's office and the Highway office prior to today's meeting to ensure there were no negative effects discharging into the Klondike Road right of way. He noted they agreed with the March 5, 2019 Burke memo and asked for approval at that time. There was no public comment. The Surveyor stated the ultimate emergency breakout and routing will stage and back up into the surface swales along the southwest and northwest northerly boundaries of the small site. Once it reaches approximately the 694 elevation it would break out to the south along the western right of way of Klondike Road and traverse south until it gets to the northern side of Lindberg Subdivision Phase 6, then turn and traverse west to the detention basin in Lindberg Village. He then recommended construction approval with conditions as stated in the March 5, 2019 Burke review memo for Lindberg Point Villas. Thomas Murtaugh made a motion to grant construction approval with the conditions as stated on the March 5, 2019 Burke review memo. David Byers seconded the motion. Motion granted.

Benjamin Crossing Stormwater Outlet/Outfall

Pat Jarboe of TBIRD Design Inc. appeared before the Board to request approval for the Benjamin Crossing Stormwater Outfall project. The site was located on the east side of CR 250East (Concord Rd.) Mr. Jarboe stated Benjamin Crossing subdivision was developed in 2003 and at that time the subdivision did NOT have a defined outlet. A temporary outlet with

twin pipes was constructed to the open ditch portion of the J.N. Kirkpatrick Regulated Drain (which crossed the site) as the temporary outlet. At that time (2003) the JN Kirkpatrick Regulated Drain was tile at that location. In 2003 a 36" RCP outlet pipe from the northeast pond to the J.N. Kirkpatrick open ditch was designed to be completed once the said ditch was converted to an open drain. The current plan is to vacate the temporary outlet drain system and easement across the property. A new permanent easement would be created for the outlet pipe and existing spillway from the Benjamin Crossing pond. He stated they agreed with the March 7, 2019 Burke memo and requested approval at that time. The Surveyor stated on the latest construction plans submitted there was riprap showing on the bottom of the JN Kirkpatrick open ditch. He stated the rip rap on the opposite bank of the outlet pipe must be a minimum high as or vertically two foot above the top of pipe to protect the banks. He noted he reviewed these plans carefully for the protection of surrounding landowners. There was no public comment. The Surveyor recommended construction approval for the Benjamin Crossing Subdivision Storm Outlet/Outfall with the conditions as stated on the March 7, 2019 Burke memo. Thomas Murtaugh made a motion to grant construction approval with the conditions as stated on the March 7, 2019 Burke review memo. David Byers seconded the motion. Motion granted. Responding to David Byers inquiry, the Surveyor noted a vacation of the old tile of the JN Kirkpatrick drain no longer is used as it was a housekeeping item he hoped to get to soon. It would require a hearing to vacate that tile portion which no longer is used. He noted it was included on his overall drain classification report presented to the Board at the first of this year.

Maintenance Bond/ Stonehenge Phase 4

The Surveyor presented Stonehenge Phase 4 Maintenance Bond#10744700 submitted by Atlas Excavating and written by Hanover Insurance in the amount of \$21,801.92 for approval by the Board. David Byers made a motion to grant approval for the maintenance bond as presented by the Surveyor. Thomas Murtaugh seconded the motion. Motion granted.

Zach Beasley

The Surveyor requested a June landowner hearing to follow directly after the regular monthly meeting held on June 5, 2019 regarding the John Bone Private Drain. His noted his office received a Petition to Establish the John Bone Private Drain as a County Regulated drain from landowner Dean Craig. Thomas Murtaugh made a motion to hold a landowner hearing on the John Bone Private Drain to establish it a County Regulated Drain on June 5, 2019 directly after the regular 10:00 am meeting scheduled. David Byers seconded the motion. Motion carried.

Public Comment

Responding to Pat Jarboe's inquiry, the Attorney stated he would be comfortable- if the stormwater maintenance agreement revisions between TCS Attorney Mark DeYoung and himself- would be used for all TCSC campuses. There was no other public comment. Thomas Murtaugh made a motion to adjourn. The meeting was adjourned.



Tracy A. Brown, President

Absent on 4-10-19 Approval

Thomas P. Murtaugh, Vice President



David S. Byers, Member



Brenda Garrison, Executive Administrator

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

Those present were:

Tippecanoe County Drainage Board President Tracy A. Brown, member David S. Byers, County Surveyor Zachariah Beasley, Drainage Board Attorney Doug Masson, Engineering Consultants; Dave Eichelberger from Christopher B. Burke Engineering LLC, 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. Vice President Thomas P. Murtaugh and Mabelle Watts Engineer from Butler Fairman and Siefert was absent.

Approval of Minutes

David Byers made a motion to approve the March 13, 2019 Drainage Board Meeting Minutes. Tracy Brown seconded the motion. Motion carried.

Harrison H.S. Driveway and Parking Lot Addition

Pat Jarboe of TBird Design Service approached the Board to present the Harrison H.S. Driveway and Parking Lot project for approval. The project site was located on the east side of CR50 West between CR's 500 North and 600 North and consisted of approximately 5.7 acres on the Harrison H.S. Campus. Two new dry detention ponds would be completed. He stated the new south detention basin would be located adjacent to the new parking lot addition and the new access drive addition. The south basin design would collect runoff from the existing parking areas, tennis courts, natatorium and gym projects as well as future building additions. The north basin located near CR600 North was smaller and would collect runoff from the new access drive. The overall site's runoff currently drained to Cole's Ditch and Burnett Creek and would continue in both directions. Mr. Jarboe stated he had been working closely with Mike Spencer and Stu Kline in the County Highway Dept. regarding the access drive off CR 600 North. He noted they were conducting a study of the road intersections at this site for safety reasons. He then asked for approval by the Board. Responding to the Surveyor's inquiry, Mr. Jarboe stated the study was contingent upon review of the project completion this calendar year. He stated they hoped to have the project go to bid this summer and completed before asphalt plants close in November. Once the project was completed the County Highway Department will review how it was operating and confer with the Engineers. (intersection at CR 650, new intersection on CR 600 North and intersections north of the campus) Options were being considered at this time but was contingent upon the cost and necessity once the project was completed. The Surveyor stated a cemetery was located immediately south, southeast of the south basin designed. Mr. Jarboe stated they had conducted due diligence and were in contact with DNR, The Historic Preservation concerning the cemetery and were aware of the rules/guidelines regarding construction near a cemetery site.

The Surveyor stated while he recommended construction approval for this project, he would like to stress the importance of the Tippecanoe School Corporation to update their Master plan for this site and other campuses within their jurisdiction. He stated he could not understate the importance of revising Master Plans for the campuses moving forward. He stated he was willing to work with TSC to on this issue and recommended the Board request the revisions to the plans as stated of the School Corporation. The Surveyor stated he felt they should be more proactive and not reactive. Mr. Jarboe stated he agreed and hoped the TSC would provide Master Plans for their campuses. The Surveyor recommended construction approval with the conditions stated on the April 4, 2019 Burke review memo.

Responding to Commissioner Byers inquiry, Mr. Jarboe stated although reviewed -due to cost underground storage was not considered due to cost. Responding to Commissioner Byers inquiry, Mr. Jarboe stated this design would not alleviate the "swampy area". He noted there was a spring onsite. While two 6' culverts would be installed with this project at the new access drive location off CR 600 North. Commissioner Byers made a motion to grant construction approval with the conditions as set forth in the April 4, 2019 Burke memo. Commissioner Brown seconded the motion. Motion carried.

Zach Beasley/Other Business
Alexander Ross Outlet Improvement Easement Resolution #2019-01-DB

The Surveyor presented the Alexander Ross Resolution #2019-01-DB for approval by the Board. He noted after the project got underway, it was found that an additional easement of approximately 3800 square foot located on the East side of I 65 was required for the basin which the two 42" pipes were jack and bored under the interstate outlet into to. The acquisition of the additional Easement would rectify the need. He recommended the Board sign "Resolution #2019-01-DB Authorizing Easement Acquisition and Resolution of Potential Claim Concerning Alexander Ross Regulated Drain Outlet Improvement". David Byers made a motion to approve the Resolution #2019-01-DB as presented. Tracy Brown seconded the motion. Motion carried. The Surveyor noted the Alexander Ross Outlet Improvement project was moving along with just a few hiccups - not surprising in such a large project as this one.

Informal Meetings Update

The Surveyor informed the Board three informal meetings had been held on three drains within the county as follows: John Bone Private Drain, Beutler Gosma Regulated Drain #95 and the Berninger Branch of the Moses Baker Regulated Drain #114. They went very well. He thanked Commissioner Byers for attending two of the three meetings. He reminded the Board a June 5, 2019 Landowner Reconstruction Hearing was scheduled for the John Bone Private Drain.

Public Comment

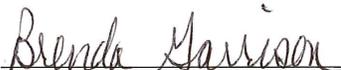
As there was no public comment, Commissioner Byers moved to adjourn. The meeting was adjourned.



Tracy A. Brown, President

ABSENT

Thomas P. Murtaugh, Vice President



Brenda Garrison, Executive Administrator



David S. Byers, Member