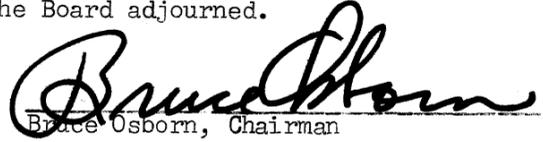
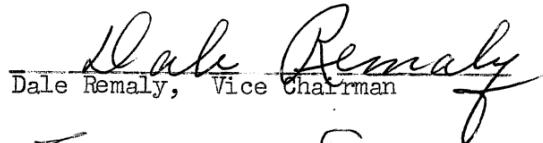


1:30 p.m. At 1:30 p.m., the Engineer opened the hearing on the Fannie Devalut Ditch by reading his report and making his recommendations to the Board. Only two people attended this hearing, Mrs. Mabel McDill Andrews and an Attorney for Harlan Tyner. The Attorney said he or his client had no objection but was here to get some answers. Mrs. Andrews said shw was in favor of the assessment so Burce Osborn moved to so establish a maintenance fund of \$1.00 per acre on the Fannie Devault Ditch. The move was seconded by Edward Shaw and made unanimous by Dale Remaly.

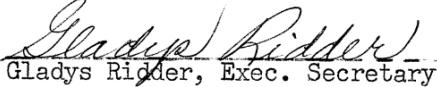
Upon motion by Dale Remaly, seconded by Edward Shaw, the Board adjourned.

  
Bruce Osborn, Chairman

  
Dale Remaly, Vice Chairman

  
Edward Shaw, Board Member

ATTEST:

  
Gladys Ridder, Exec. Secretary

MINUTES OF THE TIPPECANOE COUNTY DRAINAGE BOARD HELD JUNE 7, 1972.

Regular Meeting The Tippecanoe County Drainage Board held it's regular monthly meeting on Wednesday, June 7, 1972 at 9:00 o'clock, a.m. Those present were: Bruce Osborn, Dale Remaly, Edward Shaw, Dan Ruth, Fred Hoffman, Ron Melichar, John Garrott, Ken Raines and Gladys Ridder.

Minutes Approved Upon motion by Bruce Osborn, seconded by Dale Remaly and made unanimous by Edward Shaw, the minutes of the May 3rd, 1972 meeting were approved as read.

Ditches Referred Upon motion by Bruce Osborn, seconded by Dale Remaly the Board referred the following ditches to the Engineer to prepare for a maintenance hearing: E. F. Haywood, (Jackson & Randolph Twps.), William Walters (Tippecanoe Twp.), Grant D. Cole (Tipp. & Wabash Twps.), Lewis F. Jakes (Tippecanoe Twp.), and Wesley Mahin (Tippecanoe Twp.).

9:30 a.m. John Dooley Hearing The Engineer opened the hearing on the John Dooley Ditch by reading his report and making his recommendations to the Board. He told them he'd checked this ditch at three different times under three different weather conditions. Although he did not feel the need to repair was urgent, he did believe a maintenance fund should be established for future needs. Mr. Leon Howey reported that at this time on his farm there was an immediate need to find a stopage somewhere in the tile for even the riser would stand full of water after a rain and that it took as long as eleven days for water to drain off in some places. Mr. Keith McMillin reported that he had found a plug of bean straw and removed it some time ago. Mr. Larry Treece expressed his opinion that there had been no work done on this ditch for a long time except by the farmer himself and that he would like to keep it this way. Those in attendance were: Leon Howey, Lloyd Howey, R.E. Stradling, Lawrence Treece, Keith McMillin, Chester W. Dell, Iness L. and Charles Brown. After a lengthy discussion wherein the Board tried to let them resolve their own differences, Bruce Osborn made a motion that the Board require them bring their ditch into a good working condition for all within the next year or the Board would hold another hearing at which time they would establish a maintenance fund.

10:30 a.m. Thomas Haywood Ditch Hearing The Engineer opened the hearing on the Thomas Haywood ditch by reading his report and recommendations to the Board. Those in attendance were: Robert Haywood, Lewis J. Withrow, James C. Burghardt, Robert E. Mason and Spencer Congram for the Levering Farms. According to those present when the ditch was constructed a large boulder was directly in the route of the ditch and because they had no equipment in those days to remove it, they had routed over it. Mr. Ruth said he would check with those who had done surveying there and if at all possible, remove the boulder. In checking the watershed area of this ditch, The Engineer said he found that some of the land was being assessed in the Little Wea Conservancy District and should not be assessed on the Thomas Haywood too. Those acreages removed by the Board are: James C. Burghardt-14 acres in Section 28; Guy P. Levering-79.50 acres in Section 22; Helen Miller-160.00 acres in Section 22; DeForest O'Dell-40.00 acres in Section 22; Alma M. Withrow and Lewis J. Withrow-140.00 acres in Section 21. Because these properties drain directly into the open portion of the Haywood Ditch or come into the open ditch from private tiles and are assessed as an integral part of the Little Wea Conservancy District any assessment on the Haywood Ditch would be a double assessment. The removal of acreage left only 533.28 acres instead of 966.78 acres and with less ditch to maintain, the engineer suggested lowering the amount per acre to \$.75 or \$.50 but Robert Mason, who is the largest landowner in the area, thought perhaps it was wise to keep the \$1.00 per acre as suggested by the engineer. Upon motion by Bruce Osborn, seconded by Dale Remaly and made unanimous by Edward Shaw to establish a \$1.00 per acre maintenance fund on the Thomas Haywood dithc, it was so carried. The engineer opened the hearing on the John Blickenstaff ditch by reading his report and recommendations to the Board. He explained that the old records were most conflicting in

their descriptions of the John Blickenstaff or William Arndt, as it was once called, ditch. Because there were no records establishing the end of this ditch and because Byron Skinner offered to let them come down on his land and dredge it if they needed more fall, the Board decided to let those doing the repair work also decide where the ditch would end. Those in attendance were: Keith Barger, Charles Kennedy, Ted Dieterle, Byron D. Skinner, John Blickenstaff, and Marvin Hesler.

Mr. Dieterle reported that rip rap at the Bridge was causing most of the trouble in their area and Mr. Osborn said he would check with the highway department and see that it was taken care of. Keith Barger asked Mr. Ruth to set up plans of what was needed to bring this ditch into proper condition and asked the Board if they would grant them one year to get it there. Mr. Osborn said they had done the same on the Moses Baker ditch and found it cheaper and made the motion to grant them the year they requested. The motion was seconded by Dale Remaly and made unanimous by Edward Shaw.

1:00 p.m. There were no landowners on the Jeremiah Edwards ditch in attendance. The engineer had promised those in attendance at the hearing on this ditch last month that he would take elevations and help determine whether there would be any advantage to establish a maintenance fund on this ditch. The engineer reported his findings by reporting that until the Little Pine Creek was dredged the Edwards ditch was rendered useless and that there would be absolutely no value received to establish a maintenance fund at this time. Upon motion by Bruce Osborn seconded by Dale Remaly and made unanimous by Ed Shaw, the chairman moved to grant an indefinite postponement of establishing a maintenance fund on the Jeremiah Edwards ditch.

This meeting was called to inform those in the watershed area of the Train Coe ditch the progress made to this point on the reconstruction figures. A map of the whole area with the proposed ditch was passed through the crowd for their inspection while Mr. Ruth explained what he had planned to do with reference to tile or open ditch.

1:30 p.m. After considerable discussion it was agreed that a public hearing should be held at the earliest possible date.  
Informal Hearing  
Train Coe Ditch

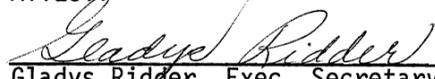
Upon motion by Dale Remaly, seconded by Edward Shaw, the Board adjourned.

  
Bruce Osborn, Chairman

  
Dale Remaly, Vice Chairman

  
Edward Shaw, Board Member

ATTEST:

  
Gladys Ridder, Exec. Secretary

MINUTES OF THE TIPPECANOE COUNTY DRAINAGE BOARD HELD JULY 5, 1972.

The July 5, 1972 meeting of the Tippecanoe County Drainage Board met in the Commissioner's Room in the Court House at 9:00 a.m. In attendance were: Bruce Osborn, Dale Remaly, Edward Shaw, Dan Ruth, Fred Hoffman, John Garrott, and Ruth Schneider.

Minutes Approved The minutes of the June 7, 1972 meeting were read and approved.

The engineer reported on the work done by the Emergency Employment Association employees.

9:30 a.m. Hearing on Lewis F. Jakes Ditch The Engineer opened the hearing on the Lewis F. Jakes Ditch by reading his report and making his recommendations to the Board. Those in attendance were: Marvin Pearl, Robert S. Jewett, Paul W. Shepherd, Vincent Pearl, Fred A. Trost, and Lowell Henderson. All tile is in good shape except for three property owners; and they are to be contacted to see if they will clean out their portion of the ditch. Then another hearing will be held in September to make a decision on the maintenance fund. Mr. Lowell Henderson ask for permission to cross the ditch with his machinery without disturbing the flow of water.

Motion made and carried that the hearing be postponed until September, 1972.

10:30 a.m. Nellie Ball Ditch Hearing The Engineer opened the hearing on the Nellie Ball Ditch by reading of the engineers report. Mr. Ruth read three letters from land owners objecting to the maintenance fund. Present at said meeting were: Clarence Miller, John Bishop, Dixie Pattengale, Kenny Crabtree, Lowell Sheppard, H. R. Underhill, Mrs. H. R. Underhill, Claudia L. Bishop and George DeLong. Mr. Pattengale said the ditch only benefits George Wagner's farm and county road 1000 East. Mr. Crabtree said the maintenance fund wouldn't help unless we did something with the surface water. Dan Ruth suggested that a storm sewer be constructed and then a maintenance fund established.

11:30 a.m. Mr. Ruth, the engineer opened the hearing on the Mary Southworth Ditch by reading his report. The following persons were present: Mr. and Mrs. Leo Kerker, Mrs. Helen Shidler, and C. M. Kirkpatrick, representative from Purdue University.

The regular meeting of the Tippecanoe County Drainage Board held on Wednesday, June 6th, 1973 at 9:00 o'clock a.m., in the Tippecanoe County Court House with the following members present: Edward Shaw, Robert Fields, Bruce Osborn, A. D. Ruth, Jr. Fred Hoffman, and Gladys Ridder.

Minutes Approved Upon motion by Bruce Osborn, seconded by Robert Fields, and made unanimous by Edward Shaw, the minutes of the May 2, 1973 meeting were approved as read.

Ditches Referred The following ditch was referred to the Surveyor to prepare for a maintenance hearing: L. B. Wilson, Jackson Twp. in Tippecanoe County and Davis Twp. in Fountain County.

Problem with house being built on Amstutz Ditch The County Surveyor brought to the attention of the Board and Mr. Joseph Fletcher, Area Plan Acting Director, that a house was now being constructed within sixty (60) feet of the Amstutz ditch and the required distance or easement is (75) seventy five feet. Mr. Fletcher said he would alert his staff by placing a place on the building permits to check when the easement had been checked.

9:30 a.m. Maintenance Hearing on John Dooley ditch (Continued) The Surveyor opened the maintenance hearing on the John Dooley ditch by reading his report and the minutes of the June, 1972 meeting of the Board and making his recommendations to the Board. Those present were: Robert E. Stradling, Keith McMillin, Chester W. Dill, Iness L. Brown, Lawrence G. Treece and Michael P. Norris. Mrs. Ridder related Mr. Leon Howey's wishes of wanting a maintenance fund established. The opinions of those present, however, was against establishing a maintenance fund as they preferred to take care of the ditch themselves. Keith McMillin said he had removed a tree that was in question as to it's hindrance to the drainage and Mr. Treece said he had cleaned his portion of the ditch until he felt it would pass any inspection. Others related same and although the Surveyor advised a small maintenance fund for future years, they persisted in asking the Board not to establish a fund. After assurance from the Attorney that they could postpone it indefinitely the Board so moved.

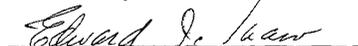
10:15 a.m. Maintenance Hearing on the John M. Blickenstaff Ditch (Continued) The Surveyor opened the maintenance hearing on the John M. Blickenstaff ditch by reading the minutes of the June, 1972 meeting and reporting that the job they were doing was a fine job. Last year they asked the Board to give them a year to bring their ditch into good repair and they had complied. Those present were: Theodore Dieterle, Charles Kennedy and Keith Barger. With Mr. Ruth's recommendation of a small maintenance fund, those present asked the Board if they would set a ten cents (10¢) an acre assessment. Upon motion by Mr. Bruce Osborn, seconded by Robert Fields and made unanimous by Edward Shaw a ten cents (10¢) an acre assessment was approved. Some discussion of whether the Sheese and Byron Skinner properties should be left in this watershed because they were not assessed for the repairs and Keith Barger said he felt they should be left in for the maintenance fund. Mr. Kennedy reported that his tile needed to be cut-off and he was assured that that job would be done before the contractor was released.

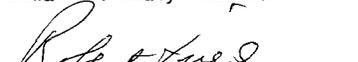
10:30 a.m. Martin V. Erwin Ditch Maintenance Hearing Mr. Ruth read the minutes of last month's meeting where those present felt the problem with the Martin Erwin ditch lay in the obstruction caused by the Indiana Bell Telephone Co. line. Mr. Ruth had suggested then that he would contact them and the Board had postponed the hearing one month until this answer could be found. The only person present was Mr. Walter Shackelford. Mr. Ruth reported Telephone Company has been contacted and that the problem at the Intersection of Jackson Highway just East of 600W would be taken care of by Mr. Cohee of Cohee Construction Co. and the bill would be sent directly to the Construction Supervisor of the Indiana Bell Telephone Co. of Fowler, Indiana. With no objection to the one dollar (\$1.00) per acre assessment, the motion of Mr. Robert Fiels, seconded by Bruce Osborn and made unanimous by Edward Shaw established the assessment.

11:00 a.m. James N. Kirkpatrick Ditch Maintenance Hearing The Engineer opened the meeting by reading his report and making his recommendations to the Board. He read the remonstrances of Gladys Sterrett and Donna Kirk. He recommended to the Board after visiting the Gladys Sterrett property that her acreage should be reduced by nine acres. The Board so moved. Those in attendance were: Walter Pendleton, Robert Brady for Mary Brady, James Williamson for prairie Oaks, Inc., Porter Kirkpatrick, C. L. Thompson, Homer M. Kerlin, and Eileen Kerlin. Mr. Pendleton reported that he felt his acreage in the watershed was too high and that the seventy five cents (\$0.75) an acre assessment was also too high. Mr. Pendleton and Mr. Williamson reported that hog manure from the Howard Daugherty farm was flowing out on the surface of the ground thru the branch of the Kirkpatrick ditch. They relayed their contact with the health department with no results and asked the Drainage Board to please see what they could do to relieve the very bad situation. Mr. Hoffman, the County Attorney said he would talk to the health officer and meet with Mr. Ruth later and see what could be worked out. Many of those present felt that a fifty cent (\$0.50) per acre assessment would be adequate to maintain this ditch so the Board respecting their request unanimously voted to establish a fifty cents per acre maintenance fund.

Certificate of Assessments and Order & Findings Signed Upon the establishment of a maintenance fund on three ditches., the Board signed the Order and Findings forms and the Certificate of Assessment forms. All maintenance funds established will be placed on the Treasurer's books for collection in 1974.

The business of the day completed, the Board so moved to adjourn.

  
Edward J. Shaw, Chairman

  
Robert Fields, Vice Chairman

  
Bruce Osborn, Board Member

ATTEST:

  
Gladys Ridder, Exec. Secretary

REGULAR MEETING OF THE TIPPECANOE COUNTY DRAINAGE BOARD HELD OCTOBER 1, 1975

The Tippecanoe County Drainage Board met in the County Council Room in the Tippecanoe County Council Room in the County Court House at 9:15 a.m., with the following members present: Bruce Osborn, Robert Fields, William Vanderveen, Robert L. Martin, Fred Hoffman and Gladys Ridder.

Minutes Approved Upon the reading of the minutes of the August 6th and 20th, 1975 meetings, Bruce Osborn made the motion to accept the minutes as read. The motion was seconded by Robert Fields and made unanimous by William Vanderveen.

Meeting date Changed The November meeting date falls on the day after election and the Council Room will be occupied. Also many of the farm people will be harvesting, so the Board felt it wise to change the date for the next meeting until December 10, 1975.

Nellie Ball Ditch Petition The petition of the people in the Nellie Ball Legal Ditch watershed area was read and discussed. They had asked to be considered for reconstruction so the Board referred it to the Surveyor to prepare for a new reconstruction hearing.

9:30 a.m. Maintenance for Ray Skinner Ditch Robert Fields opened the hearing on the Ray Skinner ditch by asking the Surveyor for his report and recommendations. The Surveyor read two letters received by the Board in connection with this ditch. One was from Mildred Ellison asking for assistance on her portion of the ditch and the other was from John B. Willig stating he was against a maintenance fund for he felt he received no benefit from the ditch. Charles Kennedy was the only person in attendance. He expressed his complete approval of a maintenance fund and the \$1.00 per acre assessment as recommended by the Surveyor. Bruce Osborn made a motion to establish a \$1.00 per acre assessment on the Ray Skinner ditch. Robert Fields seconded the motion and William Vanderveen made it unanimous.

Ilgenfritz Ditch Mr. Lewis Beeler, Mrs. James Phillips and Mrs. Thelma Clearwater appeared before the Board to ask for help in repairing the Ilgenfritz Legal Ditch. Even though a maintenance fund had been established on this ditch earlier, the Surveyor wanted the approval of the Board on this project especially since there had been so much controversy in that area. Mr. Beeler assured the Board that the repairs needed would definitely not shed a greater amount of water on those below in the Dismal Creek area but only protect their tile.

## REGULAR MEETING OF THE TIPPECANOE COUNTY DRAINAGE BOARD HELD OCTOBER 1, 1975 CONTINUED

Upon motion of William Vanderveen, seconded by Robert Fields and made unanimous by Bruce Osborn, the Board instructed the Surveyor to make the necessary repairs.

Robert Fields opened the hearing on the maintenance fund for the John Blickenstaff ditch by asking the Surveyor to make his recommendations and to read his report. Mr. Martin complied and explained the need to call a new hearing. The amount of \$0.10 per acre assessment as is now collected for the John Blickenstaff ditch is inadequate and with present expenses being as much as they are he felt \$1.00 per acre was necessary.

Those in attendance were: Charles Kennedy, Theodore Dieterle, Keith J. Barger, Byron Skinner, Edith Sheese and Rachel C. Skinner.

Keith Barger questioned whether the 1400 feet of tile ditch was a part of the Legal drain. He said he would like to see a legal description of the ditch to know just what their money would maintain. Byron Skinner and Edith Sheese had questioned their acreage assessed to this watershed. With the records so confusing the Board asked the Surveyor to go out, determine just what did

10:00 a.m.  
J. Blickenstaff  
Maintenance  
Hearing

drain into the ditch so that once and for all the legal description could be established. Mr. Barger said that cement thrown into the roadside ditch at the bridge at 900S and 500E, east of the Theodore Dieterle farm caused much harm to the performance of this ditch. Mr. Osborn said he would have the Highway department look into this situation.

Many felt \$0.50 per acre would be enough but when faced with the amount of \$1,751.06 now due on this ditch thought the \$1.00 per acre assessment seemed more realistic. The SCS office had rebuilt a headwall plus repairs to the tile portion on Charles Kennedy and Marvin Hesler farms causing the indebtedness.

Upon motion of Robert Fields, seconded by William Vanderveen and made unanimous by Bruce Osborn the \$1.00 per acre assessment was established.

Order & Findings Upon the establishing of maintenance funds on the Ray Skinner and the John Blickenstaff ditches, and the Board signed the order and findings and the certificate of assessments.

Certificate of Assessments

William Vanderveen motioned to adjourn. Robert Fields seconded and Bruce Osborn made it unanimous.

ATTEST:

Gladys Ridder  
Gladys Ridder, Executive Secretary

Robert Fields  
Robert Fields, Chairman

William Vanderveen  
William Vanderveen, Vice Chairman

Bruce Osborn  
Bruce Osborn, Board Member

The regular meeting of the Tippecanoe County Drainage Board met in the County Council Room at 9:00 a.m., on February 4th, 1976 with the following members present: William Vanderveen, Bruce Osborn, Robert L. Martin and Gladys Ridder.

Upon a motion made by William Vanderveen and seconded by Bruce Osborn to accept the minutes of the January 7th, 1976 meeting as read, the motion carried. The Commissioners present signed the minutes.

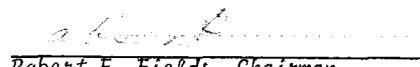
9:30 a.m.  
Blickenstaff  
New Legal  
Explained

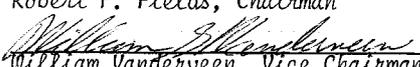
The Secretary had sent out notices that at 9:30 a.m. in this hearing the County Surveyor would

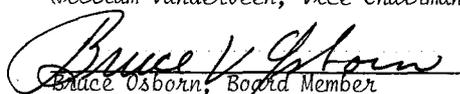
REGULAR MEETING OF THE TIPPECANOE COUNTY DRAINAGE BOARD HELD FEBRUARY 4, 1976 CONTINUED

have maps of the watershed of the John Blickenstaff ditch and show the new legal description of this ditch as determined by him. Former watershed outlines and legal descriptions were contradictory and the Surveyor was instructed by the Tippecanoe County Drainage Board to walk the ditch and make a final decision as to the description of the ditch and show exactly what the maintenance funds would maintain.

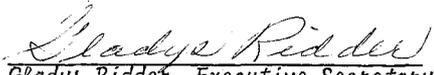
Upon motion of William Vanderveen, seconded by Mr. Osborn the meeting adjourned.

  
Robert F. Fields, Chairman

  
William Vanderveen, Vice Chairman

  
Bruce Osborn, Board Member

ATTEST:

  
Gladys Ridder, Executive Secretary

The Tippecanoe County Drainage Board met in regular session on Wednesday, January 8, 1986 at 8:30 A.M. in the Tippecanoe County Office Building, Community Meeting Room, 20 North Third Street, Lafayette, Indiana.

Chairman Bruce V. Osborn called the meeting to order. Those in attendance were: Bruce V. Osborn Chairman, Eugene R. Moore and Sue W. Scholer, Board Members, Michael J. Spencer Surveyor, Fred Hoffman Drainage Attorney, and Matalyn D. Turner Executive Secretary.

Chairman Osborn turned the meeting over to Attorney Fred Hoffman for the election of officers.

Mr. Hoffman ask for nominations from the floor for President of the Board, Eugene Moore nominated Bruce V. Osborn President of the Board, seconded by Sue W. Scholer, there being no other nominations, Sue Scholer moved the nominations be closed, seconded by Eugene Moore. Mr. Osborn was unanimously elected President of the Drainage Board for 1986. Bruce Osborn ask for nominations for Vice-President, Sue Shcoler nominated Eugene R. Moore Vice-President, unanimously approved that Eugene Moore serve as Vice President.

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January 8, 1986 Regular Meeting Continued

Sue W. Scholer was nominated by acclamation as Secretary of the Board. Sue W. Scholer moved to appoint Maralyn D. Turner Executive Secretary, Mr. Fred Hoffman Drainage Attorney, and George Scholte Drainage Engineer. Unanimously approved by the Board.

986  
SSESS-  
ENTS

1986 ASSESSMENTS:

Fred Hoffman attorney read the list of 1986 Ditch Assessments for approval. Those to be made active are Charles Daughtery, Thomas Haywood, F.E. Morin, William Walters, Luther Lucas ditch to be assessed two consecutive years (1986&1987). Those that will continue to be active are: Jesse Anderson, E.W. Andrews, Julius Berlovitz, Herman Beutler, Michael Binder, John Blickenstaff, N.W. Box, A.P. Brown, Buck Creek (Carroll County) Orrin Byers, County Farm, Darby Wetherill (Benton County) Marion Dunkin, Christ Fassnacht, Martin Gray, E.F. Haywood, Harrison Meadows, Lewis Jakes, Jenkins, James Kellerman, Frank Kirkpatrick, John A. Kuhns, Calvin, Lesley, Mary McKinney, Wesley Mahin, Samuel Marsh (Montgomery County) J. Kelly O'Neal Emmett Raymon (White County) Arthur Richerd, John Saltzman, Abe Smith, Mary Southworth, William A. Stewart, Gustaval Swanson, Treece Meadows, Lena Wilder, Wilson-Nixon (Fountain County), Simeon Yeager, S.W. Elliott, and Dismal Creek. Sue W. Scholer moved that the ditch assessment list for 1986 be approved as read, seconded by Eugene R. Moore, Unanimous approval given. A letter to the Auditor with attached list of 1986 Ditch Assessments will be forwarded.

ODRIDGE  
UTH

WOODRIDGE SOUTH

Michael Spencer surveyor, presented the drainage plans for the Woodridge South, at the December 4, 1985 board meeting it was decided that the landowners would take care of the detention basin behind the two lots and they they would check into increasing the release rate from a 10 year storm event to 25 year storm to make the basin smaller. George Schulte has looked at the plans and finds the plans in order, Michael Spencer recommended the board give final approval to the detention area for Woodridge South. Eugene Moore made motion to give final approval to Woodridge South, seconded by Sue W. Scholer, Unanimous approval.

Sue W. Scholer ask the board to review Allen County's proposed section pretaining to Subdivisions in their Drainage Ordinance, the board members agreed to study.

JAMES  
KIRPATRICK  
DITCH

JAMES KIRPATRICK DITCH

Need to assess landowners within the James Kirpatrick watershed in order to get back \$6,000.00 spent for the drainage study in 1981, December. State Board of Accounts requested this be done.

MCLAUGHLIN  
DITCH

MCLAUGHLIN, JOHN DITCH

A letter needs to be sent to Montgomery County requesting total amount of expenses to date on the John McLaughlin ditch so that we can collect our share of expenses in Tippecanoe County.

ELLIOTT  
DITCH

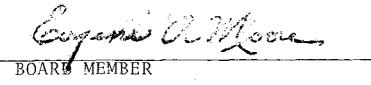
ELLIOTT DITCH

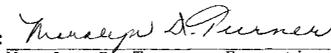
A hearing will be set sometime in 1986 for increasing maintenance fund on the Elliott ditch.

There being no further business, meeting adjourned at 8:50 A.M.

  
CHAIRMAN

  
BOARD MEMBER

  
BOARD MEMBER

ATTEST:   
Maralyn D. Turner, Executive Secretary

Regular Meeting  
March 5, 1986  
8:30 A.M.

The Tippecanoe County Drainage Board met Wednesday, March 5, 1986 in the Tippecanoe County Office Building, Community Meeting Room, at 20 North Third Street, Lafayette, Indiana 47901.

The meeting was called to order by Chairman Bruce V. Osborn at 8:35 A.M.. Those present were: Bruce V. Osborn Chairman, Eugene R. Moore and Sue W. Scholer Board Members, Michael J. Spencer Surveyor, George Schulte Drainage Engineer, and David Luhman Acting Attorney for Drainage Board and Maralyn D. Turner Executive Secretary, others in attendance are on file.

#### MAPLE POINT DEVELOPMENT

George Schulte drainage engineer with drew from the meeting as he has conflict of interest with the Maple Point Development.  
Joe Bumbleburg attorney representing the development ask the board for conceptual approval of drainage plans. Mark Houck engineer for the development and Judith K, Hammon owner were present. Calculations had been presented previously, they feel that the surface water runoff exceeds the requirements of the ordinance. Like to have permission to construct and rebuild, with lineal ditch in the middle and detention ponds on each side with an area of maintenance built into it. They feel that this will avoid problems that ponds sometimes create. Bruce Osborn ask if presentation was on part of the easement? Mr. Bumbleburg stated that it was all within the easement. Ponds would be dry bottom, depth 4' in swale. (Right of entry or work area) Drainage Board easement should proclude, Bruce stated that it should be written cautiously that the plan does not proclude easement right of the Drainage Board as given by statute. Ms. Hammon stated that they were trying to be inclusive not exclusive trying to put easement to work for both parties in keeping ditch clean etc. Mr. Bumbleburg stated that an encroachment grant which ultimately would take care of all concern and the public.  
Sue W. Scholer ask if this put some of the lineal ponds on sanitary sewer easement, yes, Michael ask if the City would have a problem with that? They have not been to the City yet with plan, doesn't feel it will be a problem. Bruce ask about the roads. Originally they had ask to road way onto the easement, this has been removed leaving the easements for retention or detention.  
Michael J. Spencer felt the board should study the plan a few days before granting conceptual approval. Michael J. Spencer ask if they could go with leaving one side open, Mr. Houck stated that if they went to one side they would have to come up with total volume of storage space, could come up with lots of options, makes it tougher for drainage. Bruce V. Osborn felt the board should take the plans under advisement. Michael stated he doesn't want to see any more access given up on easement as there already is a problem with the easement in the area of the Skating Rink and Walker's Fish. After much discussion the board agreed to recess this matter till Wednesday, March 12, 1986 at 8:30 A.M.. Ms. Hammon called later in the day and ask if they could meet with the Board next Drainage Board meeting date April 2, 1986 instead of March 12, 1986 as they needed more time, they will be scheduled for 8:30 A.M. April 2, 1986.

#### SULHAMSTEAD SUBDIVISION

Mr. Schulte returned as Drainage Boards drainage engineer.  
Mr. Bumbleburg attorney, Mr. Richard Leill Developer, and Robert Grove engineer for the development presented their request. Mr. Bumbleburg stated that all materials pertaining to the subdivision have priously been presented, Mr. Bumbleburg's responsibility was to reconstruct the protective covenant pertaining to maintenance, a work sheet of covenant had been presented to the board and Mr. Hoffman had requested that changes be made on page 7 in regards to the assessments, this has been completed. (Item #27). Question was asked, can the surveyor legally spend time on a private drain without reimbursement to the County? Mr. Bumbleburg said yes. The system in the county is the statutory authority to control both in the drainage board ordinances and the subdivision control ordinances to the degree that he is an enforcement to the ordinance.  
Mr. Moore ask if this could be a legal drain, the answer is yes. Sulhamstead is a private drain to the outlet, no legal drain drains into it. After much discussion in regards to the covenants. Bruce stated that the drainage does cross a county road, what safe guard are there in the covenants should the engineer decide that something needs to be done up stream or at the crossing (the highway engineer in concrete with the surveyor and the Homeowners Association disagrees), Mr. Leill stated that the way the covenants reads they are not given any choice, how does the board go ahead and pay for it and then levy it against the subdivision, without a leal drain? Board being the third party beneficiary of the contract the worse would be if the board would levy the charge against the Association, and the Association would not pay, then the board would se them for this, the problem would cause a lein against the property. Mr. Bumbleburg stated that if the board feels they do no have the authority to do this under these circumstances it leaves developer with two options.  
1. Make a legal drain. 2. Put the Area Plan Commission in a position that they can not require people to do something which this board thinks it is impossible as a matter of law.  
Mr. Bumbleburg feels that this is the only alternative that makes any sense. Michael Spencer stated that he felt Mr. Hoffman county drainage attorney is comfortable with the language in the protective covenants. Sue Scholer ask if there was a built-in on-going annual fee? No. Michael ask Mr. Grove to include in Construction Plans Trash Rack on outlet structure from detention pond, Spillway elevation, and specify what kind of grate on structure at the head of the ravine. Mr. Grove said he would make the changes as mentioned. Jim Hawley Area Plan Commission suggest that the wording in Item # 27 be similar to the Non-Access Easement clause making the Drainage Board revokable only with the approval of the Surveyor and Drainage Board. Eugene R. Moore moved to give final approval subject to the changes, Trash Grate Rack on outlet pipe, Spillway elevation, and specify what kind of grate on structure at the head of ravine and the protective covenants changes, Item #27 to read, make Drainage Board the revokable only with the approval of the Surveyor and Drainage Board, Seconded by Sue W. Scholer, Unanimous approval given.

#### JAMES COLE ELEMENTERY SCHOOL

Mike McCarroll engineer, William Burns attorney, and John A. Middleton engineer representing the James Cole Elementary School requesting Preliminary Drainage Plans. Mr. McCarroll is engineer with Pace Design engineers for the new school, Tippecanoe County School Corporation. Building site is in Section 5, Township 21 N., Range 3 & 4 west consisting of 34.67 acres, 11+ acres to the south will remain undeveloped and be utilized for farming. An existing gravel pit in the north west portion of the site will be retained as a permanent pool and as

a supplemental source of water for fire protection. This permanent pool will be a portion of James Cole a detention basin which will receive all runoff from the developed school site. The outlet Cole from the basin is proposed to be a 15" storm sewer which runs 2,500' northeasterly to an Elementer open ditch, the Blickenstaff Ditch. The planned detention basin would provide 2.9 acre feet School of storage between elevations of 741.0' and 744.2 MSL. The outflow would be limited to 3.0 cfs by the 15" pipe. The outlet structure will be a 6.1 sloped, Type "P" inlet. A 15" sluice gate will be included in the manhole at the north edge of the basin. The site drainage is divided into north and south systems. The north system drains 60% of the building roof area, all the parking lots, the west play area and part of the road. The underground sewer system is designed for a two year storm. A swale will be developed parallel to the north property line to convey flows in excess of the sewer system's capacity to the basin. The sewer will also function as an underdrain to dry up the swale. The south system will drain the balance of the developed area. A swale will convey the runoff to the basin. An under drain will be provided at the centerline of the swale. The existing Ray Skinner Drain, a 6" tile, will remain. The tile will be reconstructed under the proposed driveway. Mr. Osborn ask if the drainage was going to be below the existing grade? Grade drains to the north, grade matches the north edge of pavement. Side ditches on both sides approximately 3' where the existing Skinner Ditch tile crosses new road, tile will be replaced with a rigid pipe so the increased loads will not interfere with the tile, no new water will be added to the existing tile. Michael's biggest concern is the parking lot storm drainage, the proposal shows it is designed for a 3 year storm event and the Drainage Ordinance requires 10 year storm design. Mr. Middleton pointed out that all of the water from the building site and parking lot is going to be retained or detained in the detention basin before it flows into the 15" outlet pipe to the ditch, there is no third party involved in possible over flow to the ditch.

(1) Mr. Middleton stated they they had looked at it in an economical way with the 2 year storm design, this would call for an 18" outlet pipe to go across the swale and 10 year storm event called for a 24" outlet pipe. Reason for 18" they are going to use a perforated pipe, gravel packed, wrapped in filter cloth so that the swale can be dried, they can get 18" outlet pipe to go across the swale and 10 year storm event called for a 24" outlet pipe. Reason for 18" they are going to use a perforated pipe, gravel packed, wrapped in filter cloth so that the swale can be dried, they can get 18" perforated clay pipe, but can't get 24" pipe. Mr. Osborn ask if they had approval of State and Local Health department. Preliminary Plans had been submitted to the State, no approval has been given on the septic system, system is pressurized system. Mr. Osborn requested that the Local Health Board give their approval, papers have been sent to the Local Health Board no comments as yet. Michael Spencer had talked with Mr. Hoffman in regards to offsite easement, Mr. Hoffman feels that the board needs an executed copy of the easement in file. Mr. Kennedy is concerned about the manholes in the field, there are three above ground manhole, he is also concerned about hooking up tiles that are cut. Mr. Osborn ask if the school was assuming all responsibility to the outlet? YES. Mr. Osborn requested that the County Health Board submit a letter that they have no problems with the existing or future location of septic system being close to the detention basin.

Sue W. Scholer made motion to grant preliminary approval to the James Cole Elementary School preliminary drainage plans with the conditions that they get a letter from the County Health Board concerning the future and current use of the leach fields as it relates to the drainage, seconded by Eugene R. Moore, Unanimously approved.

#### SHONEY'S RESTAURANT, INC. - BRITT DRAIN

Shoney's  
Britt  
Drain

John Fisher representing Shoney's Restaurant, Inc. ask for preliminary approval of drainage plans. Description of land: Part of the SE $\frac{1}{4}$ , Sec 23, & the SW $\frac{1}{4}$  Sec. 24, Township 23N, Rge 4 W, Fairfield Township, Tippecanoe County, Indiana consisting of 3 acres a 2 Lot Commercial Subdivision drainage to the Britt Drain which is designed as the detention storage for the area. Runoff will be routed via paved low lines into the Britt Drain Detention Basin to the North, culverts will be required at the two entrances to Shoney's, the southernmost culvert will have a predominately paved tributary area of 0.171 acres with a peak 0.93 cfs for the 19 year storm, the northernmost culvert will have a tributary area of 0.467 acres with a resultant peak 2.54 cfs. Pipe size required would be 12" and 18" with end sections. 10 year predevelopment flow for the 3 acres is 2.59 cfs, the 100 year for this areas will be developed. This discussion brought up the fact that originally there was to have been an agreement for maintenance for all landowners tributary to the Britt Drain, to this date this has not been executed. The drain needs maintenance now. Mr. Fisher is concerned about the capacity of side ditch. Britt Drain was designed to handle the whole area, he wanted an emergency release system. Mr. Luhman ask if it had been stated in the original agreement? Everything that drains into the Britt Drain has to be approved by the Drainage Board as the Board approved the original system. Pond needs work on it, Michael wants them to get agreement like they had originally agreed to.

George Schulte stated the Drainage Board has a vested interest, even though it is a private drain, the reason it was built because the drainage board said something has to be done with the drainage in that area, if the detention area isn't maintained it's going to cause some flooding to the people down stream in the subdivision, there is a responsibility there since the drainage board said this has to be done, to make sure that it is properly taken care. making a legal drain had some problems in getting enough easement down through the ravine system to where it could be maintained. Some of the outlet structures are between houses, without a major reconstruction it was impossible. Mr. Luhman stated that the board could go two ways, legal drain or the covenant agreement for maintenance. Mr. Spencer reminded Mr. John Fisher that in all fairness to the board plans are to be to the board 20 days prior to board meeting. After much discussion the Board requested the Executive Secretary to send letters of notification that there will be no more building permits approved till a maintenance agreement has been documented. Letters were mailed to the landowners asking them to attend board meeting Wednesday, March 12, 1986 at 9:00 A.M. in the Tippecanoe County Office Building 20 North Third Street, Community Meeting Room, Lafayette, Indiana. Copy of letter on file. Board agreed to give the go ahead to Shoney's. George Schulte requested that Mr. Fisher's new runoff calculations not exceed the original runoff calculations. The Board recessed till Wednesday, March 12, 1986 at 9:00 A.M. to reconvene for drainage approval Shoney's Restaurant, Inc. and Britt Drain hearing.

March 12, 1986

Mr. Bruce V. Osborn chairman of Drainage Board called the reconvened meeting to order for the purpose of hearing Maple Point Development and Shoney's Restaurant, Inc. for the records Maple Point will be heard April 2, 1986 at 8:30 A.M.. Mr. David Luhman attorney for the board was unable to attend as he had hearing in Carroll County. Those present were Bruce V. Osborn Chairman, Eugene R. Moore and Sue W. Scholer Board Members, Michael J. Spencer Surveyor, George Schulte Drainage Engineer and Maralyn D. Turner

Executive Secretary, others in attendance are on file.

SHONEY'S RESTUARANT, INC. - BRITT DRAIN

Shoney's  
Britt  
Drain

Richard Boehning attorney representing Shoney's Restuarant, Inc. stated there are two issues pending before the Drainage Board. 1. Approval of the Shoney's internal drainage plan, which was presented by Mr. John Fisher engineer for the development. 2. What is the status of the maintenance agreement on the Britt Drain which is a private drain? The Britt Drain was established five (5) years ago, part of the over all agreement was that a maintenance agreement would be entered into later so that the Britt Drain would be maintained. Cloverleaf Developers agreed to carry the load of getting agreement established with all acreage involved, Roger Bennett attorney started working on the project back in August 1985. Questions in regards to acreage has arose.

Mr. Boehning ask that the board give the approval on the drainage plan presented by Mr. Fisher as they do not want to delay Shoney's permit. The Maintenance agreement is being drafted and circulated for signatures of landowners. Total acreage 124 Acres.

Sue W. Scholer ask if determination had been made as to what needs to be done to bring back the drainage as it was? Michael Spencer stated that they had ask for estimates (two) in seeing what the cost would be. George Schulte has concern in regards to the volume of the existing basin. George would like for all the engineer's of developers in the future to give a run off hydrograph for their development so that the board can keep track of the runoff volume that is going into the basin. Maybe a time that it will have to be made larger or may remain OK the way it is now, depends on the densities, impervious, surface the way it is constructed out, originally an estimate was made. Mr. Fisher does not have these figures with his plans.

Sue W. Scholer moved to give final approval to the drainage plans presented with the stipulation that Mr. Fisher bring in the Hydrograph information, seconded by Eugene R. Moore, unanimous approval as given.

Mr. Boehning will bring an executed copy of the maintenance agreement when it is completed. Mr. Osborn ask the Executive Secretary to enter letter in the minutes that was sent to the property owners March 5, 1986 and list each property owner who received a copy.  
March 5, 1986

Dear Landowner:

Enclosed please find a copy of an agreement executed April 30, 1980 between "Owners" and "Builder". This agreement is for the construction of the drainage facility, it speaks to the fact that a maintenance agreement should be written and recorded, this has never been done.

You are a owner of land that is tributary to the Britt Drain, it seems to me that the owners need to have an agreement written and recorded as soon as possible, because there surely will be more owners someday and we know the more people involved the harder it is for all to agree on something. The owners must understand that maintenance is needed on their facility now, this work needs to be done before any more building permits can be issued.

I invite all of you to attend a meeting to discuss this matter, Wednesday, March 12, 1986 at 9:00 A.M. in the Community Meeting Room of the Tippecanoe County Office Building, 20 North Third Street, Lafayette, Indiana.

Thank you for your time and attention to this matter.

Very truly yours,

Michael J. Spencer  
Surveyor

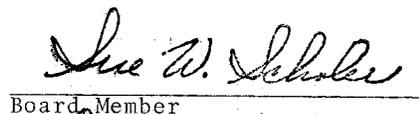
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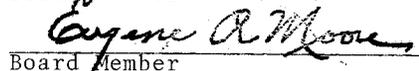
Enclosure

The above letter was sent to the following; Richard Boehning Attorney, John and Esther Carpenter, Lafayette National Bank Trust, Kendricks, Dan and Marilyn, Sen-Yons, Michael and Emily Lin, Floyd and William Britt, Norrick and Marrow, Charter Medical, Cloverleaf Inc..

The being no further business the meeting adjourned at 9:15 A.M. till next regular meeting April 2, 1986 at 8:30 A.M.

  
Chairman

  
Board Member

  
Board Member

ATTEST:   
Maralyn D. Turner, Executive Secretary

TIPPECANOE COUNTY DRAINAGE BOARD  
WEDNESDAY, JANUARY 6, 1988

The Tippecanoe County Drainage Board met Wednesday, January 6, 1988 in the Community Meeting Room of the Tippecanoe County Office Building, 20 North Third Street, Lafayette, Indiana 47901.

Chairman Bruce Osborn called the meeting to order at 8:30 A.M. with the following being present: Eugene R. Moore and Sue W. Scholer Boardmembers, Michael J. Spencer Surveyor, Mark Houck Drainage Consultant, J. Frederick Hoffman Drainage Attorney, and Maralyn D. Turner Executive Secretary. Others present are on file.

This being the first meeting of the year Chairman Osborn ask Mr. Hoffman to preside over the meeting to conduct the election of officers.

Mr. Hoffman asked for nominations for Chairman, Sue W. Scholer nominated Bruce V. Osborn Chairman, seconded by Eugene R. Moore, there being no other nominations Mr. Osborn was elected Chairman of the Board.

Mr. Hoffman asked for nominations for Vice-Chairman, Sue W. Scholer nominated Eugene R. Moore, seconded by Bruce V. Osborn, there being no further nominations Eugene R. Moore was elected Vice-Chairman of the Board.

Sue W. Scholer moved to appoint J. Frederick Hoffman Drainage Board Attorney, seconded by Eugene R. Moore, unanimous approval.

The Board had agreed to have Mark Houck as Drainage Board Consultant.

Sue W. Scholer moved to appoint Maralyn D. Turner as the Executive Secretary of the Drainage Board, seconded by Eugene R. Moore, unanimous approval.

Mr. Hoffman read the Active Ditches for the year of 1988. E.W. Andrews, Juluis Berlovitz, Herman Beutler, Michael Binder, John Blickenstaff, M.W. Box, A. P. Brown, Buck Creek (Carroll County) Train Coe, County Farm, Darby Wetherhill (Benton County), Christ Fassnacht, Marion Dunkin, Christ Fassnacht, Issac Gowen (White County) Martin Gray, Thomas Haywood, E.F. Haywood, Harrison Meadows, Lewis Jakes, Jenkins, James Kellerman, Frank Kirkpatrick, John A. Kuhns, Mary McKinney, Wesley Mahin, Samuel Marsh (Montgomery County) F.E. Morin, Hester Motsinger, Audley Oshier, Emmett Raymon (White County) a letter of January 5, 1988 is on file from White County requesting ditch be active, Arthur Rickerd, Abe Smith, Gustavel Swanson, Treece Meadows, Wilson-Nixon (Fountain County) Simeon Yeager, S.W. Elliott, Dismal Creek, and Shawnee Creek.

Ditches which have been inactive and need to be made active are Jesse Anderson, Dempsey Baker, Floyd Coe, Shawnee Creek.

Inactive ditches John Amstutz, Delphine Anson, Newell Baker, Nellie Ball, A.P. Brown, Alfred Burkhalter, Orrin Byers, Grant Cole, J.A. Crips, Chas Daughtery, Fannie Devault, Jess Dickens, Thomas Ellis, Martin V. Erwin, Elijah Fugate, Rebecca Grimes, Fred Hafner, E.F. Haywood, George Ilgenfritz, George Inskeep, Eugene Johnson, F.S. Kerschner, Amanda Kirkpatrick, James Kirkpatrick, Calvin Lesley, John McCoy, John McFarland, Absalm Miller, Ann Montgomery, J. Kelly O'Neal, Lane Parker, James Parlon, Calvin Peters, Franklin Resor, Peter Rettereth, Alexander Ross, James Sheperdson, John Saltzman, Ray Skinner, Joseph C. Starrett, Wm A. Stewart, Alonzo Taylor, Jacob Taylor, John Toohay, John VanNatta, Harrison Wallace, Sussana Walters, William Walters, McDill Waples, J&J Wilson, Franklin Yoe.

Luther Lucas ditch is made inactive and to be combined into the Dismal Creek ditch.

Mr. Osborn asked if first and second alternates could be appointed to be representatives for Tri-County ditches? Mr. Hoffman advised the board to go ahead and appoint them, if this isn't proper action can be taken later. The following representative and alternates were appointed for the following ditches.

Hoffman ditch, Eugene R. Moore, Sue W. Scholer was appointed first alternate and Bruce V. Osborn second alternate.

McLaughlin ditch, Bruce Osborn, Eugene R. Moore first alternate, and second alternate Sue W. Scholer.

Michael stated he had received a letter from Benton County in regards to the Darby Wetherhill ditch and he asked the board to appoint a representative and alternates for this ditch. Sue W. Scholer is representative, first alternate Eugene R. Moore, second alternate Bruce V. Osborn.

Otterbein Ditch representative will be Sue W. Scholer, first alternate Eugene R. Moore, second alternate Bruce V. Osborn.

Michael asked that the Secretary send letters to each county informing them of the appointments.

Michael Spencer presented a Petition received from Purdue Research Foundation to vacate a portion of the Dempsey Baker Ditch lying south of the north right-of way line of County Road 350 North and lying in the east half of the southeast quarter, Section 1, Township 23 North, Rge 5 West, and the North 50 acres more or less of the West half of

## January 6, 1988 Drainage Board Meeting Continued

the south west quarter, Section 6, Township 23 North, Range 4 West, all in Wabash Township, Tippecanoe County, Indiana.

Michael stated a hearing date would have to be set when assessment list is received.

Bruce Osborn asked where they were going with the water? Michael stated he felt it was through holding ponds then metered out to the same place it has always gone, Hadley Lake.

Bruce Osborn stated the board has never vacated a portion where it still drains through the existing legal drain. Mr. Hoffman answered no, if they are going to use the drain they can't vacate, if they are not going to use it then it can be vacated. Mr. Hoffman stated there would be a question of taking them out of the Watershed in regards to assessments. They will still have to pay their assessment as they are remaining in the watershed, the Purdue Research should be notified of this. If this is for the upper end this will help. Mark Houck stated there is a problem of metering at the same rate, but it will increase the volume of water going to Hadley Lake. They will have to meet the ordinance.

Many questions need to be answered before action is taken.

## VALLEY FORGE

Valley Forge

Michael J. Spencer informed the board that a letter of Credit for \$62,000.00 to cover half the cost of installation of the permanent drainage system, this was through Tippecanoe Development Corporation. Roy Prock is new owner of Valley Forge he wants to substitute a new \$62,000.00 letter of credit for the other one since he is the new owner. Michael has talked with Mr. Hoffman there will be no problem to do this, accept the construction bond needs to be secured for deposit for Mr. Prock just like originally had been presented by Tippecanoe Development Corporation before the old one can be released and except new one from Mr. Prock. Mr. Hoffman stated they will have to present an agreement along with the Letter of Credit then the other can be released.

## MEETING TIME CHANGE

Eugene Moore moved to change meeting time of the Drainage Board from 8:30 A.M. to 9:00 A.M., seconded by Sue W. Scholer, motion carried.

## JOHN HOFFMAN DITCH

JOHN HOFFMAN DITCH

Bruce Osborn called the meeting to order at 9:15 A.M.

Tri-County Board representatives are Eugene R. Moore Tippecanoe County, William Lucas Clinton County, and Charles Sutton Carroll County.

Mr. Hoffman conducted election of officers.

William Lucas nominated Eugene R. Moore as Chairman, seconded by Charles Sutton, there being no other nominations Eugene Moore was elected Chairman.

Eugene R. Moore nominated William Lucas as Vice-Chairman, seconded by Charles Sutton, there being no other nominations William Lucas was elected Vice-Chairman.

Eugene R. Moore nominated Maralyn D. Turner as Secretary, seconded by Charles Sutton, there being no other nominations Maralyn D. Turner was elected Secretary.

Mr. Hoffman was chosen to serve as the Attorney for the board when the board was first formed, he will continue to serve.

Mr. Osborn thanked the property owners for coming to this informal meeting. He informed them that nothing would be decided officially, it is an opportunity for the property owner to see what has happened up to this time.

After Michael J. Spencer presents the project questions may be asked.

Michael J. Spencer, surveyor introduced those present Maralyn D. Turner, Secretary, J. Frederick Hoffman Attorney, Sue W. Scholer, Bruce V. Osborn, and Eugene R. Moore Tippecanoe County Commissioners, William Lucas Clinton County Commissioner and Neal Conner Clinton County Surveyor, Grover West Carroll County Surveyor, and Charles Sutton Carroll County Commissioners, and Mark Houck Tippecanoe County Drainage Consultant.

Mr. Spencer presented Construction Estimates in Phases I, Alternate I, Alternate II, Alternate III, and Alternate IV, and Phase II. This estimate was done by Robert Gross engineer with Stewart Kline and Associates.

Mr. Spencer asked for questions.

Bob Power asked if there was tile in there at the present time? Answer yes, Phase I the tile would come out. Alternate I would be to dig the tile out approximately 6" below the existing tile, under Alternate II lowering it 4'. This is to gain grade. The area being discussed on the ditch is at 900 E.

Lola Harner asked how are you digging 4' and stopping at 900 East wouldn't you have to continue on west? Michael answered they would have to continue west of 900 East, this wouldn't be to far west as the ravine system drops off.

Mr. Power asked if a bridge would have to be put across 900 East? Michael stated they

felt the culvert was the right size and would carry the water, it is just too high.

Mr. Power asked if a tile could be put in without tearing up the road? Michael stated he did not think this could be done without tearing up the road.

Mr. Moore asked how many acres in the watershed? Total acres 2420. There may be a difference of 80 acres, this would be checked.

Mr. Power asked how much is coming out of maintenance fund? There is no maintenance fund on the ditch at this time, if a tile hole breaks it is up to the landowner to do the repairs.

Jesse Barr asked would the soil change? Answer the dirt will not be changed, just better drainage. Mr. Barr asked if the ditch was going to be the same size at 1025 East. Answer at the road 1025 108" round pipe, two 72" round pipe, two 84" and at 900 East 14'10" X 9'1" structural plate pipe arch.

Neal Dexter asked how much water will come down into Coffee Run ditch. Michael stated the same amount of water would be coming down. Mrs. Harner and Mr. Dexter were concerned about the erosion and damage.

Mr. Hoffman asked if there was a positive outlet. Answer it goes into a ravine system that eventually gets to the Wildcat creek. Mr. Hoffman asked how far from the end of the legal drain to the Wildcat. Answer give or take one and half to two miles.

LaVonne Scheffee had concern of gravel and the culvert being closed shut. Michael stated this is the reason he has pointed out the culvert sizes at the different road crossings.

Elwood Burkle asked that the cost be discussed. Mr. Spencer pointed out that the last page of the estimate summarizes the cost.

Mr. Spencer explained the Indiana Drainage Codes to the landowners. The decision is made by the property owners.

Mr. Barr asked who is responsible for drainage on property? County is responsible for the road crossings, property owners is responsible for drainage on their own property.

Elwood Burkle asked what depth would tile be? Answer some of the cuts would be 10-11 feet deep from the existing ground. Banks would be a lot higher than they are now. Michael stated at 900 East 1/4 mile east it is 5 feet below the bottom of the existing water way.

Mr. Hoffman stated the property owners should consider extending the legal drain down to the Wildcat to maintain the valleys, as there is problems if you don't have a positive outlet especially one with this size. There is no control over the valleys as it is now. He felt this would not add that much to the cost.

Jerry Frey stated he is constantly fixing blow holes. It is getting continuously worse. They are finding that the tiles are shifting. He feels the major problem is at the outlet. It has been severely neglected. There are tree roots and tiles that have floated up out of the system. He feels the first thing to do would be fixing and opening up the outlet.

Mr. Power asked in the estimate has consideration been taken in the area west of 900 East? No. Mr. Power felt this would be essential. Michael answered until a legal drain is extended down that way they can't do anything with it, they can do some corrective measures directly downstream from the road. He has to work with the starting and stopping points of the ditch, this is what he had to work with.

At this point Mr. Hoffman explained the procedures of making legal drain west of 900 East.

Malcomb Miller stated he agrees with Jerry Frey's statement. Mr. Miller's concern is the hardship the assessments would make for the property owners.

Jerry Frey stated they can't seem to hold the blow holes, each spring they are back and bigger holes. Mr. Frey doesn't know what causes this except another ditch was added about four years ago this makes more pressure from the upland it's coming down in such a velocity causing the problem.

Debbie Lineback asked what kind of time frame are you talking about as she carried petition in 1982. Mr. Hoffman stated it probably wouldn't take the time that he did previously.

Mr. Moore asked the feeling of the property owner.

LaVonne Scheffee asked if there was any rules in regards to health and sanitation? Thirty years ago when they purchased their property you couldn't jump over the ditch, now there is refrigerators and other debris making the ditch level. She doesn't understand why the farmer doesn't have to keep it cleaned out. She complained about the road grader grading gravel making a wall at the ditch.

Mr. Osborn stated the board is powerless in regards to debris in the ditches until there is a maintenance fund set up. Maintenance fund is needed.

## January 6, 1988 Drainage Board Meeting Continued

Jerry Frey asked who has authority? Mr. Hoffman explained the board is the authority.

Mr. Frey is for starting a legal drain with a maintenance fund, but he feels that the money should be brought forward to be spent on opening up the outlet and fixing the main tile. Try to get by with what they have with maintenance.

Malcomb Miller supports Mr. Frey's statement.

Mr. Moore asked Michael if a maintenance fund could be set up and just clean or does it come under reconstruction?

Michael stated they would be maintaining what there is now.

Mrs. Scheffee asked how this would help? Mr. Hoffman stated it would be taking the ditch back to it's original condition.

Mr. Lucas asked if there was an estimate for a maintenance clean out? NO. Michael felt it would just take a week to get an estimate put together. Mr. Lucas stated it would probably take two years to get a maintenance fund set up. Michael stated for a few years the fund could be set at a high figure and then lowered.

Debbie Lineback stated when she carried the petition around and 80-90% of the property owners stated it should be an open ditch, it never worked from day one.

Elwood Burkle stated that those living north and east of the Clinton and Carroll County line would receive no benefits by opening the bottom portion yet they would be paying for it. There are too many obstruction.

Dale Fossnock stated: His ancestors stated that when the ditch was put in, it never worked.

Glen Kelly stated there were six of them that worked on the ditch where the tile comes out. This was 30 years ago.

Mrs. Glen Kelly stated it cost her \$100.00 to get a petition in 1982 out of her pocket. She was informed that there is a standard petition form now and there would be no cost for the petition. Mrs. Kelly stated they have willows and to get rid of them the water has to be taken care of.

Glen Kelly stated there are two 6" raises in the ditch, one is on the Bogan property and the woods.

Question was asked was it constructed that way? Yes. When the ditch was built it was built by the people.

Michael stated the grade can be checked.

Mr. Barr would agree to keep the water going.

Mr. Scheffee stated when they first came to the area there were no problems he feels it has to be open all the way.

Mrs. Kelly stated they have two ponds on their property, water is over the road most of the time, getting out is a problem most of the time. Even when it was dry this summer it was wet.

Mrs. Harner stated this has been a problem for many years.

Mrs. Scheffee stated a lot of the problem was created when 900 East was reconstructed.

Grover West asked how many small acreages were in the watershed. His concern is the break down in lots and acreage.

Mrs. Harner stated the assessment doesn't seem fair.

Kenneth Walker stated there is peat in the area of the Ford property, reason for so much water in the area.

Neal Conner stated that it would be spring of 1989 to get a maintenance fund in to affect.

After much discussion Mr. Spencer asked for show of hands.

Phase I Alternate I, Phase II Dig Open ditch up to where the two branches come together and tile system. Approximate Cost \$200.00 acre. Vote 7.

Open Ditch all the way. Approximate Cost \$242.00 per acre. Vote 8.

Maintenance. Assessment per acre to be set possible classifications. Vote 5.

The vote going for an open ditch all the way Mr. Spencer will get estimates and hold another meeting to present findings to the property owners.

There being no further business the meeting adjourned at 10:30 A.M.

*Bruce V. Osborn*

Bruce V. Osborn, Chairman

*Sue W. Scholer*

Sue W. Scholer, Boardmember

*Eugene R. Moore*

Eugene R. Moore, Boardmember

ATTEST:

*Maralyn D. Turner*

Maralyn D. Turner  
Executive Secretary

TIPPECANOE COUNTY DRAINAGE BOARD  
WEDNESDAY, JANUARY 4, 1989

The Tippecanoe County Drainage Board met in regular session Wednesday, January 4, 1989 at 9:00 A.M. in the Community Meeting room of the Tippecanoe County Office Building, 20 North Third Street, Lafayette, Indiana.

The meeting was called to order by J. Frederick Hoffman, County Attorney for the reorganization of the Drainage Board for 1989. Those present were: Bruce V. Osborn, Eugene R. Moore, Sue W. Scholer, Michael J. Spencer, J. Frederick Hoffman, and Maralyn D. Turner, others in attendance are on file.

Mr. Hoffman asked for nominations for Chairman of the Board. Bruce V. Osborn nominated Eugene R. Moore as Chairman seconded by Sue W. Scholer, there being no further nominations Eugene was elected Chairman of the Board.

Mr. Hoffman asked the newly elected Chairman Eugene R. Moore to preside over the meeting.

Eugene Moore asked for nominations for Vice-Chairman, Bruce V. Osborn nominated Sue W. Scholer for Vice-Chairman, seconded by Eugene R. Moore, there being no further nominations Sue W. Scholer was elected Vice-Chairman.

Eugene R. Moore asked for nominations for Secretary, Bruce V. Osborn nominated Maralyn D. Turner as Secretary, seconded by Eugene R. Moore, no further nominations from the floor for secretary Maralyn D. Turner was elected.

Bruce V. Osborn moved to appoint J. Frederick Hoffman as Drainage Attorney for the year 1989, seconded by Sue W. Scholer, unanimous approval.

Mr. Hoffman read the Ditch Assessments for Active and Inactive ditches. The following ditches being Inactive for 1989 are: John Amstutz, Jesse Anderson, Dempsey Baker Newell Baker, Nellie Ball, A.P. Brown, Orrin Byers, Floyd Coe, Grant Cole, J.A. Cripe, Fannie DeVault, Jess Dickens, Martin V. Erwin, Elijah Fugate, Rebecca Grimes, Geo Ilgenfritz,

George Inskeep, Lewis Jakes, E.Eugene Johnson, F.S. Kerschner, Amanda Kirkpatrick, John A. Kuhns, Calvin Lesley, Luther Lucas, John McCoy, John McFarland, Absalm Miller, Ann Montgomery, J. Kelly O'Neal, Lane Parker, James Parlon, Calvin Peters, Franklin Resor, Peter Rettereth, Alexander Ross, James Sheperdson, John Saltzman, Ray Skinner, Joseph C. Sterrett, Wm. A. Stewart, Alonzo Taylor, Jacob Taylor, John Toohey, John VanNatta, Harrison Wallace, Sussana Walters, McDill Waples, Lena Wilder, J&J Wilson, Franklin Yoe.

The following ditches read are Active Ditches: E.W. Andrews, Delphine Anson, Juluis Berlovitz, Herman Beutler, Michael Binder, John Blickenstaff, N.W. Box, Buck Creek(Carroll County), Train Coe, County Farm, Darby Wetherill(Benton County), Marion Dunkin, Crist/Fassnacht, Issac Gowen(White County), Martin Gray, E. F. Haywood, Thomas Haywood, Harrison Meadows, Jenkins, James Kellerman, Frank Kirkpatrick, Mary McKinney, Wesley Mahin, Samuel Marsh(Montgomery County), Hester Motsinger, Aduley Oshier, Emmett Raymon(White County), Arthur Richerd, Abe Smith, Mary Southworth, Gustavel Swanson, Treece meadows, Wilson-Nixon(Fountain County), Simeon Yeager, S.W. Elliott, Dismal Creek, Shawnee Creek.

The following ditches read were made Active for 1989: Alfred Burkhalter(Clinton County), Charles Daugherty, Thomas Ellis, Fred Hafner, James Kirkpatrick, F. E. Morin, William Walters, and Kirkpatrick One. Michael Spencer wanted the Martin Gray to be included in the Active, it had been read as active, but for the records read in the Make Active. Sue W. Scholer moved to activate the ditches as read, seconded by Bruce V. Osborn, unanimous approval.

Alfred Burkhalter ditch joint with our County the Board secretary should send a letter to the Tippecanoe County Auditor and the Clinton County Auditor.

Michael stated in June 1987 a hearing was held to combine the Treece Meadows branch with S. W. Elliott ditch. These maintenance funds need to be combined and treated as the S.W. Elliott ditch. Sue W. Scholer moved to combine the maintenance funds on the Treece Meadows with the S. W. Elliott ditch treat them all as one, seconded by Bruce V. Osborn, unanimous approval.

J. Frederick Hoffman asked if the Treece Meadows was considered designated branch under the S. W. Elliott ditch? Michael answered it is; Treece Meadows has a beginning point and ending point.

Michael Spencer received a letter signed by two property owners, Malcomb Miller and Jerry Frey on the John Hoffman requesting that the board set up a maintenance fund. A hearing was held in 1988 for reconstruction, this did not go too well. Some were going to try to contact the downstream property owners to make it a legal drain all the way down to Coffee Run. Hearing nothing these property owners are requesting a maintenance fund.

Mr. Hoffman stated this is the ditch that does not have a positive outlet. Correct. They hope to make a positive outlet with the maintenance funds.

Michael will have to make a maintenance report before a hearing can be held. Discussion continued.

Jim Strother property owner 3876 Kensington Drive concerned about drainage of the Orchard Park Subdivision. Michael told Mr. Strother he had received Preliminary submittal that was requested from the engineer to supply with more information, but that

HOFFMAN  
DITCH

information has not been received. Michael will notify Mr. Strother when he receives the information and when the project comes before the board.

Sue W. Scholer asked Don Sooby, of the Lafayette City Engineer office where are we on McCarty Lane, is it progressing. Mr. Sooby stated a public hearing will be held January 26, 1989, no other meeting has been set up.

There being no further business the meeting adjourned at 9:25 A.M. Next meeting will be February 1, 1989.

*Eugene R. Moore*

Eugene R. Moore, Chairman

*Bruce V. Osborn*

Bruce V. Osborn, Board Member

*Sue W. Scholer*

ATTEST: *Maralyn D. Turner*  
Maralyn D. Turner, Executive Secretary

TIPPECANOE COUNTY DRAINAGE BOARD  
REGULAR Meeting January 3, 1990

The TIPPECANOE County Drainage Board met Wednesday, January 3, 1990 in the Community Meeting room of the TIPPECANOE County Office Building 20 North Third Street, Lafayette, Indiana.

Those present were Bruce V. Osborn and Sue W. Scholer, Board Members; Michael J. Spencer, Surveyor; Todd Frauhiger, Drainage Consultant; J. Frederick Hoffman, Drainage Attorney; and Maralyn D. Turner, Executive Secretary, others present are on file.

The meeting was called to order at 9:00 a.m. by Drainage Attorney J. Frederick Hoffman. Mr. Hoffman stated that it is time for election of officers for a new year.

Bruce V. Osborn nominated Sue W. Scholer for chairman of the board, seconded by Sue W. Scholer, motion carried, there being no other nominations from the floor Sue was elected Chairman of the Board.

Sue W. Scholer chairman continued the meeting asking for nomination for Vice Chairman, Sue W. Scholer nominated Bruce V. Osborn as Vice-Chairman, seconded by Bruce, motion carried, there being no other nominations from the floor Bruce was elected Vice-Chairman.

Bruce V. Osborn nominated Maralyn D. Turner as Secretary, seconded by Sue W. Scholer, there being no other nominations from the floor Maralyn was elected Executive Secretary.

Bruce V. Osborn moved to accept J. Frederick Hoffman's continued services as Drainage Attorney for the year 1990, seconded by Sue W. Scholer, motion carried.

Michael J. Spencer recommended to continue the services of the Chris Burke Engineering, LTD as Drainage Engineer Consultant for the year 1990. Bruce V. Osborn moved to accept Michael's recommendation, seconded by Sue W. Scholer, motion carried.  
1990 DITCH ASSESSMENTS

Fred Hoffman read the following ditches to be made Active for assessments in May 1990. Jesse Anderson, A.P. Brown, Orrin Byers, John McFarland, Ann Montgomery, and the J. Kelly O'Neal.

Ditches that are In Active are: John Amstutz, Dempsey Baker, Nellie Ball, N.W. Box, Alfred Burkhalter, Floyd Coe, Grant, Cole, J. A. Cripe, Fannie Devault, Marion Dunkin, Jess Dickes, Martin V. Erwin, Crist/Fassnacht, Elijah Fugate, Rebecca Grimes, Harrison Meadows George Ilgenfritz, George Inskeep, Lewis Jakes, Jenkins, E. Eugene Johnson, F. S. Kerschmer, Amanda Kirkpatrick, James Kirkpatrick, John A. Kuhns, Calvin Lesley, John McCoy, Mary McKinney, Absalm Miller, Lane Parker, James Parlon, Calvin Peters, Franklin Resor, Peter Rettereth, Arthur Richerd, Alexander Ross, James Shepherdson, John Saltzman, Ray Skinner, Joseph C. Sterrett, Wm A. Stewart, Alonzo Taylor, Jacob Taylor, John Toohey, John VanNatta, Harrison Wallace, Sussana Walters, McDill Waples, J. & J. Wilson, Franklin Yoe, and Shawnee Creek.

Ditches that are Active are: E. W. Andrews, Delphine Anson, Herman Beutler, Michael Binder, John Blickenstaff, Buck Creek (Carroll County), Train Coe, Darby Wetherill (Benton County), Thomas Ellis, Issac Gowen (White County), Martin Gray, Fred Hafner, E.F. Haywood, Thomas Haywood, James Kellerman, Frank Kirkpatrick, Wesley Mahin, Samuel Marsh (Montgomery County), Hester Motsinger, Audley Oshier, Emmett Raymon (White County), Abe Smith, Mary Southworth, William Walters, Wilson-Nixon (Fountain County), Simeon Yeager, S. W. Elliott, Dismal Creek, and Kirkpatrick One.

Bruce V. Osborn moved that the ditches that were read to be made active become active on the May 1990 Assessment, seconded by Sue W. Scholer, motion carried.

COUNTRY CHARMS

John Fisher asked that this be continued until next meeting February 7, 1990.

TRASH TRANSFER

John Fisher presented site drawings. Outlet goes into the Flood Plan. Mr. Hoffman asked who owns the Flood Plan? Leroy Barton. Question as to if it would increase the flow and the speed onto Barton. Question do you have permission from Mr. Barton? Answer - No. Mr. Hoffman stated that permission should be received from Leroy Barton. Mr. Fisher stated they are providing rip-rap, it will not increase the velocity. Mr. Fisher pointed out that they had met with the Soil Conservation and have worked out the one condition of erosion control. Mr. Hoffman asked if Mr. Barton knew about this meeting? NO. Presentation and discussion continued.

Bruce V. Osborn asked John Fisher to explain the plans to the Barton's.

Michael stated that the water is tributary to that area now, it will go through a pond now instead of sheet drainage.

Mr. Hoffman stated they should have their chance to object, so that they can't say we are damaging their property.

Sue W. Scholer stated there are two recommendations made.

1. The erosion control. 2. The calculations.

Bruce V. Osborn moved to give approval to the drainage control for the Trash Transfer with exception of #9 and the other recommendations as stated in the Christopher Burke

COUNTRY  
CHARMS

TRASH  
TRANSFER

Engineering, LTD review, plus letter from downstream from Burton's, seconded by Sue W. Scholer.

✓  
DIMMENSION

DIMENSION CABLE

CABLE

George Schulte engineer from Ticen and Associates presented site plans. Property is located in the Treece Drainage Watershed area. The water shed area was analyzed to determine the high water elevation that would be in the channel. Their detention storage volume that they calculated was above the high water elevation of the ditch along north property line. They did decrease the allowable release rate from 2.11 cfs down to .4 cfs, there is about 3.3 acres in the site. They are increasing the volume required for storage on site.

Sue W. Scholer asked about the plans for maintenance on that ditch? Basically they are assuming that the owner would maintain the entire site, this is reason for putting 3-1 slopes on the ditch.

Mr. Hoffman asked if it was a new ditch, George again stated it is an existing ditch. The ditch at this time is full of brush, weeds, etc, it is not a legal drain.

George stated they are asking for final drainage approval.

Mr. Hoffman asked if George's client would be willing to participate in the cost of a more substantial drainage improvement in the area. Mr. Shulte stated he could not answer that question, but he feels he would be willing.

Bruce asked if conditions had been met? Michael Spencer answered, no, there is one other conditions and that is that the City of Lafayette review this project, as of January 2, 1990 this area is in side the City Limits as is Wal-Mart.

Mr. Sooby has not seen the plans presented. Discussion continued.

Mr. Hoffman stated this is not a subdivision, but should have the same kind of restriction as subdivisions. Mr. Hoffman asked that a letter be received from the developer stating they will participate in their fair share of the improvement when the major improvement is made. Michael asked if he was talking about facility on site. Answer-yes. Maintenance on site and that they would assist in making that area a part of the legal drain, and that they will participate in the cost of improving the Wilson Branch. Michael asked if they should provide a letter stating that they will maintain their on site system. Mr. Hoffman stated he would like for it to be in form that can be recorded, so it will run with the land should the land be sold.

George asked what things are needed for approval? 1. Participate in the improvements of the Wilson Branch. 2. Cost of improvements. 3. Maintain the one on the premises, and if they don't the County would have the right to maintain it and assess the cost. Incorporate the existing drain on the north side of the site into the Treece drain or Wilson Branch.

A letter is needed from the owner for the above mentioned items to Michael. Michael asked that the city review and give their approval be added as they are involved.

Sue asked if the board understands correctly that the City still wants that maintenance to run to the County on the regulated drain. Mr. Sooby answered, he thinks that is correct.

Bruce V. Osborn moved to give approval with the four recommendations being met, seconded by Sue W. Scholer.

WAL-MART

WAL- MART

Clifford Norton representing Wal-Mart and George Davidson of Horne Properties presented drainage plans. Michael stated the plans meet the county restriction on the limited release rate. Michael pointed out at the last meeting Mr. Long was present and brought up the fact of emergency routing for drainage which is a problem in this area, and at that time Michael stated he had Christopher Burke Engineering LTD looking at the Wilson Branch from Ross Road where the Simon improvement would end with the 100 year design flow in the channel. He had him look all the way up through Treece Meadows on what design would be required or Channel section would be required to get from Ross Road up to Treece Meadows. Michael has received the report this morning. Basically what he says in his report is to properly move the 100 year storm event from the north end of Treece Meadows or where open channel turns and goes back west through the Subdivision, looking at approximately 40 foot bottom width on the channel and 2-1 side slopes from there down to the Wilson Branch in some fashion. They have had some preliminary locations for the channel so he would have some idea for lengths to work with as far as grades to get the water down there, basically at this time to pass the 100 year storm event is to provide a 40 foot bottom width channel with 2-1 side slopes down to the Wilson Branch, then continue down the Wilson Branch taking out the trees and re-grading the bottom and side slopes down to Ross Road in order to get the water to the regional detention facility that will be constructed. Michael stated this is a starting point as there are allot of alternatives that can be put in there. This is basically what Channel section they are looking at. The crossings of Creasey Lane and McCarty Lane will need bridge openings of approximately 600 square foot openings to pass the 100 year storm event. Bruce asked if this was visible? Mr. Norton stated anything is visible. Bruce asked if this was to go in during the other construction? Michael answered it would take a petition for re-construction of the Wilson Branch of the Elliott ditch. Michael feels that we are at the point now where a petition is needed from the watershed area. More study is needed. While the land is open is the time to get something started. Cost estimates and plans will have to be put together. Michael can not put a time element on it, the area is hot enough for development and something needs to be done. Discussion of petition.

WAL-MART CONTINUED  
JANUARY 3, 1990 DRAINAGE BOARD MEETING

Mr. Davidson stated that Wal-Mart has no problem at all to work with the rest of the watershed and are willing to pay their fair share of the assessment.

Tom McCully representing Long Tree Limited went over what Long Tree Limited went through when they were developing Burberry Subdivision. The problem is at the South end at Treece drain and Wilson Branch, pipe put in 1978 creates constriction of everything upstream from there. Discussion of Cost in 1978, and the over all problem of the area. At that time the owners agreed to put an assessment based upon the cost, which amounted to approximately \$1,000.00 per acre. Today's presentation does try to address the problem all the way from the north end of Treece down to the Wilson Branch on down to the Elliott ditch. Tom stressed that if we don't look at an over all picture we are not going to get anything accomplished. What has to be done is as property is developed everybody agrees to participate to get the problem corrected. At this time we have an open ditch going into a 24" pipe. Discussion continued.

Tom McCully stated that probably this should be an Urban drain not a rural drain. Convert to Urban drain and reconstruct. Long Tree Limited is willing to cooperate. Again he stressed that everybody is going to have to be in agreement that the problem needs corrected and go from there. The longer this goes the more expense it is going to be. Discussion continued.

Michael stated that in the interim there is a plan that could be done temporarily to get the emergency routing out of the Subdivision. This is going to take cooperation from the people involved.

Bruce asked Mr. Norton if they are going to be asking for road cuts on Creasey, answer yes, they have two entrance, and one on Highway 26.

Mr. Hoffman stated Wal-Mart will have to have some type of document stating they will participate in and pay their fair share of the cost of the improvement, and maintain what else they will be putting in there, if they don't the county will have the right to go in and maintain, then assess them for the cost.

Sue Scholer suggested that Michael call a meeting with all property owners involved in the development.

Michael stated that Burke Engineering brought to his attention that this could be a lengthy project, but in the mean time the board should look at a temporary diversion swale, not a major structure. Mr. Hoffman asked if there was a place for it and Michael replied it can be done, however it will not be easy. Michael stated this would be everybody north of Treece Meadows who wants to develop. Michael wanted more time to think. Mr. Sooby was concerned about property owner saying let the other guy do it.

Mr. Davidson asked Michael if he was satisfied with their drainage analysis, answer - yes.

Mr. Norton stated there are two ways that Wal-Mart can go. He asked if the board could give approval subject to meeting the qualifications to avoid another meeting or bring up all the criteria that they need to submit and have another meeting.

Sue W. Scholer stated that the board would be requiring all the essential things stated and final approval passed would be subject to all things presented to Michael and approved by the attorney and the City of Lafayette. Sue stated possibly the board should make a requirement as Wal-Mart goes through the process of their development some of the other things needed will be based on getting a meeting and something temporary with all people involved who are developing in that area.

Mr. Davidson again stated they would agree in participating in what ever effort is made out in that area. They would like to leave the meeting this morning with some idea of construction cost so they can build their budget. He stated they could have a letter back to Michael tomorrow committing to the things the board is trying to accomplish.

Michael Spencer and Don Sooby will work together to come up with satisfactory proposals. Don stated that lionslyng share of the burden may fall on Wal-Mart to do something temporary, as no body wants to do anything until their development is ready to move. Wal-Mart wants to move ahead with their development and if the interim facilities are necessary for this to get board approval, but not the total cost is going to fall on Wal-Mart. Discussion continued.

Michael asked if a credit could be given back to Wal-Mart at a later date of what they would put in on the interim? Mr. Sooby stated that the interim facility is not going to contribute much toward the long term, it really isn't a down payment on the ultimate facilities.

Mr. Davidson asked how will the development fully affect the Treece Meadows. Michael answered hopefully up to a 100 year storm event by calculations it should reduce the downstream affect, its above the 100 year storm event that is of concern. Currently there is 80 cfs coming off for a 10 year storm. Discussion continued.

Sue W. Scholer asked what needs to be done to get the total process going?

Mr. Hoffman stated if Michael feels there is a need for reconstruction as an Urban drain Michael should report that to the Board and then the process can start for making it an Urban drain for reconstruction. That's on the long term. A Petition is not needed all that is necessary is a letter from Michael Spencer surveyor stating that it needs to be an Urban drain and it can be done as an Urban drain. Statement should state that if it is reconstructed as an Urban drain it will drain the area properly. Michael should present a letter to the Board.

Mr. Hoffman agreed with Mr. Sooby's statement that Wal-Mart is going to have to pay most of the cost of the temporary facility as the other property owners can say they are not ready to develop and we don't see the need for this until we develop. Discussion continued.

Items needed from Wal-Mart are: Letter of Commitment for Maintenance of the drain facilities that they build. In the letter a commitment for participation in the original program and that Wal-Mart pay their fair share of reconstruction and if they do not maintain the drainage on their property the county would have a right to come in and do the maintenance and make assessment for the cost. Mr. Hoffman wanted this to be in a recordable fashion so it will run with the land.

The Wal-Mart was asked to come back Tuesday January 9, 1990 at 9:30 A.M. for re-convened session. Due to not having a quorum of Board Members the January 9 meeting was postponed until Wednesday January 17, 1990 at 9:00 A.M..

## STATE ROAD

## STATE ROAD 38 PROJECT AGREEMENT

## 38 PROJECT AGREEMENT

Agreement with the State on Hwy 38 the detention pond and drainage. The County will receive \$50,000.00 if it is installed prior to the time the State goes to work on the 38 Project, if the County does not have it installed the County does not get the \$50,000.00 and the State puts it in. This is based on when the work starts. Discussion.

Fred stated that he and Michael had reviewed the agreement and it meets the standards. This goes along with the meeting held October 1988 on the Highway 38 Project. Agreement is on file.

Bruce V. Osborn moved to accept the agreement of State Highway 38 and the water problems, seconded by Sue W. Schuler, unanimous approval.

## ORCHARD PARK

## ORCHARD PARK

Michael Spencer Surveyor, presented Fee Proposal prices to provide field survey for the Orchard Park Legal Ditch Project. Earlier two different companies had presented prices for doing surveying work for the project. There was quite a bit of difference in the prices submitted so a more defined scope of work was presented to different companies and Michael has received the following submittals.

Todd Frauhiger read the Companies and their figures this is for the entire watershed area. This would include aerial mapping, contour map for the watershed, all existing pipes within the water shed, their reaches and sizes, inverts, the ravine system all the way down to the Wildcat creek.

Ticen Shulte and Associates	\$31,900.00
John E. Fisher	\$22,372.00
MTA	\$21,680.00
Vester's and Associates	\$24,990.00

The services that were included are:

Aerial Control Survey. Vertical and Horizontal survey to provide control for aerial mapping will be provided.

Establish Baselines. Baselines will be established, referenced, and tied to the horizontal mapping control. These base lines will follow, as closely as possible, the flow lines of the defined ravines.

Investigation of Existing Storm Sewer Facilities. Existing storm sewers and culverts within the watershed will be located, identified and surveyed for length and elevation. This information will be provided in the form of survey field notes. Aerial Mapping of the ravine will be provided, scribed on mylar. Contours will be at one foot intervals, scale will be 1"=100' or as other wise specified. Baselines will be superimposed on the mapping.

THE ITEMS READ ARE NEEDED FOR THE ENTIRE WATERSHED

Descriptions of Easements. Descriptions of proposed easements from each land owner involved will be provided. Easements will most likely be described as a horizontal distance beyond a specified elevation on the bank of the ravine.

Todd stated the quicker the surveyors could get started the better they could get a proper survey, each would like to get to it as soon as possible and no later than February as leaves will be starting and they can not get a true picture. One of the figures presented is only good through February. After that date it may increase the aerial photography figure. If it is delayed longer it could be late 1990 before work could be completed.

Time is needed to go through the presentations, Michael will come back at the next meeting with findings.

Meeting recessed until Tuesday January 9, 1990, January 9, 1990 meeting was re-scheduled for Wednesday January 17, 1990.

TIPPECANOE COUNTY DRAINAGE BOARD  
REGULAR MEETING, WEDNESDAY, JANUARY 9, 1991

The Tippecanoe County Drainage Board met Wednesday, January 9, 1991 in the Community meeting room of the Tippecanoe County Office Building, 20 North Third Street, Lafayette, Indiana with Nola Gentry calling the meeting to order for the re-organization of the board, therefore she invited J. Frederick Hoffman drainage attorney to preside

Those present were: Keith E. McMillin, Hubert D. Yount, Board Members; Michael J. Spencer, Surveyor; Ilene Dailey Consultant Drainage Engineer; J. Frederick Hoffman Drainage Board Attorney; Don Sooby, City Engineer; and Maralyn D. Turner Executive Secretary.

Mr. Hoffman asked for nominations from the floor for board chairman. Keith McMillin nominated Nola J. Gentry as chairman, seconded by Hubert Yount, there being no other nominations from the floor Nola J. Gentry was unanimously elected chairman of the board.

Mr. Hoffman turned the meeting over to Ms. Gentry to conduct the remainder of the meeting.

Ms. Gentry asked for nominations from the floor for vice-chairman of the board. Keith McMillin nominated Hubert Yount as vice-chairman, seconded by Nola J. Gentry, there being no further nominations from the floor, Hubert D. Yount was unanimously elected vice-chairman of the board.

Ms. Gentry asked for nominations from the floor for Executive Secretary, Keith McMillin nominated Maralyn D. Turner as executive secretary, seconded by Hubert D. Yount, there being no further nominations from the floor Maralyn D. Turner was unanimously elected executive secretary.

Mr. Hoffman read the following ditches to be made active for the year 1991 J. A. Kuhns, Ray Skinner, Gustav Swanson, and Shawnee Creek. A letter from White County Surveyor was read to collect maintenance assessments on the Emmet Rayman ditch for 1991. Keith E. McMillin moved to make these ditches active for assessment in the year 1991, seconded by Hubert D. Yount, unanimously approved.

(See bottom of page for active and inactive ditches.)

#### ROAD 350 SOUTH

Stewart Kline of Kline and Associates presented final drainage plans for the project Road 350 South. A preliminary plan had previously been presented and a conceptual approval had been granted.

At this time they are developing plans for three separate projects along County Road 350 South as follows: Phase I Part I Cr 350 South from US 231 to CR 100 E. (9th Street) Phase II Part II CR 350S from CR100 E to 250 E (Concord Road) Project II CR 350 S from CR 250 E to approximately 0.3 miles west of US 52. All three projects fall in the Kirkpatrick ditch watershed except for a small section at the western terminus which outlets along US 231 and eventually into Wea Creek. The existing conditions for drainage are poor. Mr. Kline continued presentation which is on file. What they propose to do with the three projects is to use some road side channels and clean up allot of the existing problems. They have broken down three major off-site locations. Presentation continued on the new off-site surface flow channel.

Structure # 1 will be providing storage on the north side of new County Road 350 South and outletting into the Wea Watershed.

Second point of discharge is at the Kirkpatrick ditch itself where a new box culvert will be installed and channel improvements for downstream, at that point they will be opening up the existing tile. The channel will be deepened going with the box culvert sections allowing the existing pipe to be opened into the open flow channel, run down and spill eventually into the extension of Elliott ditch. This will allow them to bring more water more efficiently. This makes for a more economically feasible structure. At this time the bridge would be extremely long and very shallow because it is more of swale by defining the channel and dropping the depth will be able to cross in a much shorter distance.

County Road 100 East they are basically discharging down 100 east the existing path that flows down and back into the Kirkpatrick open ditch and tile system. Detention will be provided at this point to try to minimize any affects there.

The fourth at Station 135+94 line "A" where water will be routed through the proposed Valley Forge Subdivision storm water sewer system which eventually outfalls into the Kirkpatrick. They have coordinated with Dale Kuhns with Valley Forge, they are accepting the off-site water into their storm sewer system.

The fifth is at CR 150 E running down the existing side ditches again providing storage.

The last is a new overland ditch at Station 185+40 line "A" which runs south to the northernmost branch of the Kirkpatrick surface flow. This will provide detention ahead that and bring the channel out to match the existing surface flow which is very shallow and almost a sheet flow condition.

Detention is provided at several location. Presentation continued.

The two major points of detention are east of the Conrail Railroad at that point they will be holding the water before it ever crosses, catching the water that sheet flows to the south to the Kirkpatrick ditching it and doing major detention at the point holding both north and south prior to reaching CR 150.

Mr. Kline stated all in all it is an improvement of a very poor situation up and down the line. By holding at the top of the shed they eliminate problems from all the way down the watershed. Mr. Kline asked if there were any questions.

Hubert Yount asked at Valley Forge going into the storm sewer, what is the capacity realization for the future as it is developed, are you in good condition there so we won't have any problems the back up in Valley Forge? Mr. Kline stated as Valley Forge develops the storm water going into the County system should decrease because they are designing for existing flow conditions. As developers come in there they are going to have to meet drainage ordinance and hold back the 10 year pre-developed, so they are assuming that their peak that we are giving to Mr. Kuhns now is the maximum. Mr. Yount stated then we are still going to be in a safe condition when the developers come in. Mr. Kline stated as the developers come in we will actually have excess capacity.

Michael Spencer, surveyor asked what they were going to do in the mean time before the development takes place over on Valley Forge? If there system is not in place how is yours going to work? Mr. Kline answered if it comes to a point where Valley Forge is not going to be in place prior to our development we will have to go on down to 150 and take it south.

Nola Gentry asked then there is capacity at 150? Mr. Kline stated they would have to rebuild the ditch, but that is the existing path and will be reduced. It would mean greater construction expenses, which they are trying to avoid. One of the big problems in the shed is that there is not enough fall. To get the water down to the Kirkpatrick, they would have to take the larger volume of the water that they were going to route throughout Valley Forge they would have to do considerable ditch work to get it there.

Mr. Hoffman asked how much additional distance would you have? Mr. Kline asked to go around Valley Forge? Yes, at least a half of a mile.

Hubert Yount stated they would have to do some reconstruction on those existing ditches down there. Mr. Kline stated right, they would have extend Project I. Hubert asked if they had enough right of way to do that? Mr. Kline asked down 150? Yes, under the present plans the answer is no. It is assumed that the present plans is that the Valley Forge development occurs prior to our development. Hubert stated if it does not, then we will have to acquire the right of way to do that. Mr. Kline stated we will have to acquire right of way, this is 100 E (South Ninth).

Michael stated comes back west along the south side of 350 South, then south along the east side of Ninth Street. If they plat subdivision they would have to grant that additional right of way which is not platted today, therefore we do not have it. Stewart Kline stated we do not have the right of way to build the ditch if they don't build, then we don't have their storm sewer system in place. Hubert stated then we are ahead of them if we acquire right of way on South Ninth Street prior to that platting. Mr. Kline stated this is right.

Steve Murray Highway Engineer, stated he does not anticipate that being a major problem in that we have met with the developer and supplied him with information. He has been cooperative. The half width right of way dedication for that side of South Ninth Street, 50 or 60 feet based on the thoroughfare plan. He thinks if the worse case develops here where Valley Forge did not have or was not ready to put their storm improvements in at the time we go to construction that the developer would be willing to grant us the extra right of way knowing full well that when he plats he has to give that right of way up. We would use that primarily as a temporary solution to drain the water from this small portion of 350 South, south along South Ninth along the east side of the road down to the Kirkpatrick. Basically that is just a back up solution, and rather than to go into it without a back up we feel we have ourselves covered from both sides.

Hubert asked what does that do to our road construction?

Steve asked as far as the 350 South job? Yes. Steve - Nothing substantial. Hubert - How about on Ninth Street? Steve - It should not affect that either. Hubert, but you are ultimately going to have to widen there? Steve - Eventually, yes they are hoping to. There is going to be a need for it in a very few short years.

Nola J. Gentry asked if there were any questions or comments from those present.

Ed Purdy property owner on Road 231 South. His family farm is on the south end of the drainage system. He is very concerned about removing the existing tile, it is functional and performs adequately for the agricultural commitment that it was initially built for. He realizes that with the development upstream there probably is a need for a better drainage system. He would like for the system not to be opened if anything improving the size of tile. The area that it runs through is real rough ground and he feels if it is opened there will be allot of erosion in that area. The sub base is sand & gravel and he thinks that all of us know it would be difficult to maintain slopes on a ditch with a base of sand and gravel. What is there now is the existing system, the excess water runs over the surface and there appears to be no erosion. He stated since the board (Commissioners) are new, he would like for them to come out to the site and look over the area and see what is being talked about and presented. He thinks to do some of these things at this time the way they are proposing to do they are short sided for the future for the whole system. If the board would come out he would be more than happy to show them the area.

Michael asked Ed if he was talking about the part of the ditch at the Kirkpatrick north of the proposed Road 350 South. Steve stated basically where the tile is going to be taken out and replace it with an open channel. Ed stated he is not familiar with the other thing they are talking about on US 231 where your talking about some other detention area, this is new to him. Steve stated it is the water that is going to be stored in the ditches, the controlled structure will be a cross pipe under 350. Ed pointed out the area he was talking about is a habitat for wildlife. Tearing that out the wildlife is going to be disturbed. Discussion continued.

Fred Hoffman asked how long of a stretch are you talking about? Mr. Kline 800-900 feet. Mr. Hoffman asked how big is the pipe? Michael stated the existing pipe is approximately 27-30 inch. Nola asked if it would hold or would it have to be open for this to work. Michael stated they are not going to be allowed to put the road water into the tile. It drains overland today, after construction release rate is acceptable it could drain the same way today. Mr. Purdy stated what you have is the tile in there now is performing, there is no surface drainage. Mr. Purdy hates for them to jerk that tile out and always have surface drainage there, if the tile is left in and if the

system was regraded and cut back and smoothed out, then maybe you could take care of the run off easier. It is simply not a problem to his farm as it is today. Today there is no problem, if you tear it out it is going to be a continuous flow of water. There is flow in the tile at all times, if you remove it there will surely be continuous flow in the ditch.

Mr. Hoffman asked how deep is the tile from the surface? Mr. Purdy stated he did not know, he feels it is quite deep because the elevation of the banks is probably 25 feet. Discussion continued.

Mr. Purdy stressed again he is requesting the board to see the project before they grant approval to the proposed drainage plans.

Mr. Hoffman asked how deep were they going to have the water in the side ditches where they are going to have storage? Stewart Kline - 4 feet or less in compliance with the ordinance. Discussion continued.

Nola asked if we had a major storm what would be the depth in the side ditches on storage? Steve Murray stated this can't really be answered without computer calculations. Mr. Hoffman asked how long is it going to be before it drains out and will it create a traffic hazard? Answer - In a matter of hours, and no hazard to traffic as it is in the side ditches. Discussion continued.

Jack Coffman property owner of Fairfield Contractors 3310 Concord Road. Property is at NE corner of 350 and Concord Road. He recommended that the board not give approval to the proposed drainage plans submitted until they have a chance to review the affect on their property of this design.

Nola asked if there were any other comments on this project.

Steve Murray stated an over all comment of this project is that it takes up a very large area an improvement that the county highway department has been working on for quite some time, do to the SIA plant being put into Tippecanoe County. It has gone through the normal channels. Basically according to the drainage boards consultant it meets the drainage codes. He realizes that Ed Purdy has some concerns and he certainly has no problem delaying judgement on this for another month if the board would like to come out and become more familiar with the project and what is actually going to happen. He did point out that we have had conceptual approval, as stated the drainage board consultant has reviewed the calculations and documentation with some additional information to be supplied to them they do recommend conditional approval. Back to the out fall to the Kirkpatrick and removing a portion of the tile. The primary reason that was done was what Stu had mentioned to begin with, if we would try to put a bridge in there or a battery culverts, we would have a long very expensive part to maintain bridge structure, so at that time they took a look at putting in concrete box structures to keep the cost down, plus maintenance cost down for the future and looking at it they found out that from the hydraulics by taking that portion of the tile out it would actually cause the rest of the tile up stream to function better. Again we would have no objection to delaying this for a month. Delaying he feels will not affect the development of the project.

Hubert D. Yount moved to table the action on the Road 350 South project until next meeting so the board can go out to the project and give Mr. Coffman of Fairfield Contractors a chance to review the plans, seconded by Keith E. McMillin, unanimous approval.

#### MCCARTY LANE

Nola J. Gentry stated that McCarty Lane was not an agenda item, but that some of the preliminary drainage report is ready for the McCarty Lane. We will listen to the report, but no action will be taken today.

Stewart Kline presented the preliminary drainage plans. Presentation was given in the July 11, 1990 meeting and at that time conceptual approval to McCarty Lane drainage plan and LUR as presented for the over all regional detention plans.

Stewart Kline stated this is an interesting drainage problem with the existing Kepner ditch being overwhelmed.

They will be coming with a four lane urbanized roadway section.

Again he stated the solution is to build a regional detention facility which will be built in three phases that have already been presented. Phase I is to be built by the City. Phase II LUR. Phase III Caterpillar Tractor Inc.

It uses property currently owned by LUR and Caterpillar Tractor to detain the already existing problem. Presentation continued and is on file. Discussion continued.

Phase III will be built as they develop. Caterpillar is retaining the rights to enlarge the Phase I pond to meet their development needs. Hubert asked if this would occur as they developed. Answer - yes.

Nola Gentry asked how wide is Phase I? Mike Peterson stated about 100 feet. Hubert asked how deep? Mike Peterson stated the maximum depth in the whole basin is 8 feet, and a 7 foot chain length fence is around Phase II. Mr. Hoffman stated there would be a fence because of the requirement to the ordinance. Hubert asked how much water would it hold. Mike Peterson stated there is 18 acre feet in Phase I, 16 acres feet Phase II, and 26 acre feet in Phase III. Hubert asked if they are talking about carrying water in that at all times. Mike Peterson stated there will be a flow of water because of the Layden ditch to the north which brings water across from McCarty Lane down through the system. It is not actually a wet bottom pond, it is a ditch that will be used to detain.

Stewart Kline stated the city will have ownership of the entire property Phase I, Phase II, and Phase III properties. LUR will install the maintenance road in the Phase II pond and fence in that section. City will install the fence, the ultimate ownership and maintenance will be the city for the entire project.

Nola J. Gentry asked if there were some down stream problems that this is going to create? Michael Spencer stated this should help down stream property because they are making a regional facility. Currently there are some flooding problems along McCarty Lane. The pipe going into the Wilson branch is not going to change from what it is today as a certain capacity. Nola asked, then this would be a controlled. Michael stated it will be controlled by the existing pipes. Mr. Hoffman asked if this storage was going to help on the storage that is needed on the Wal-Mart project and on the Wilson (below)? Is it going to assist in our need there for the whole Elliott ditch system storage. Michael stated it will help, it is not connected with the Wal-Mart other than they both drain to the Wilson branch. They are not going to take water away from one and the other. The Caterpillar area when it is developed it will come south instead of going east. Technically it is going to help, it is not going to create any additional problems. Mr. Hoffman asked if this storage will help on the storage problem at Elliott ditch that has been talked about at Ivy Tech? Michael stated at this time it won't make a difference.

Hubert asked how big of pipe is it that is coming out of there going to Wilson ditch?  
Answer - 48 inch.

Stewart Kline stated at this time the outfall will be reduced. The pipe that outfalls to the Wilson is capable of discharging 108 cfs. What happens now that there is like road way flooding on surface. Water isn't taken into the tile and spills out over land and kind of floods the properties along Creasey and gets into the Wilson. This is an additional 100 cfs plus the will be integrated into the system and stopped. Won't have that surface flow condition that you have now, everything will be held and the release will be held to the capacity of the existing tile. It will still be the 48 inch pipe with 108 cfs. They will eliminate the run around that happens now where all the surface flow seeps and eventually gets down to the Wilson, that will all be trapped by the LUR development and the roadway. This will bring it into the pond and still hold the water way to the 108 cfs, this should be improved with the downstream.

Michael Spencer stated when Caterpillar develops it will be rerouted and the water will come south instead of going east into Treece.

Mr. Hoffmans asked if this required Core of Engineer approval. Answer - No.

Don Sooby, City Engineer stated this is the project the City has been working quite some time. They are getting close to right of way acquisition and hope to complete getting those by the end of 1991. Hopefully in 1992 get the project program for Federal funds for construction work to begin. They have worked with Caterpillar and LUR in developing this regional detention pond to the benefit of the whole drainage area. On behalf of the city he encourage the drainage board approval at the earliest opportunity on this project.

Stewart Kline stated the project has been reviewed the county drainage consultant. The pond itself and the watershed analysis and there is no problem with the water construction capacity. The consultant is wanting at this point is that this being a fairly large shed and the master model that is being developed by Burke and Associates for the Elliott system. They want to be able to bring this into their master model since it is significant.

Ilene Dailey, drainage consultant stated that would help answer some of the questions in regards of what affect this would have on other basins. Stewart Kline stated it will increase the accuracy of the model we are looking at a 2 hour storm event and they are looking at a 24 hour storm event. That controls for the Elliott as a whole, but does not control for us, so what we have to do to provide for them or work with them in some manner in updating their report as to convert this model to the 24 for the master. He thinks as far as the design for this, there is a consensus that this is where it stands, and this is what is good for the Kepner ditch watershed.

Hubert Yount asked at Navco and Farbee problem does it all go into this watershed? Yes.

Discussion and presentation continued.

Jim Shook representing LUR recommended approval at the right time.

Michael stated this project will be on the agenda of the February, 1991 meeting.

Mr. Hoffman asked if notices had been mailed to property owners? Per Kline notices had been sent stating this would be presented at todays meeting, but no action would be taken, copies of these letters are in the file.

Michael stated that basically the same pipes are being used that are there now, not changing, and there is no assessments.

#### WETLANDS - 1990 USDA

Michael Spencer presented copies of information on Wetlands - 1990 USDA. Discussion of Wetlands. Michael asked Mr. Hoffman how this affects the drainage board in regards to Maintenance and Reconstruction. Mr. Hoffman will check into this and brush burning. He has written legislatures in regards to brush burning, and he will check on Michaels concern in regards to the reconstruction schedules. Mr. Hoffman stated we all should write our legislatures in regards to these two subjects. He will make a report to the board as soon as he has an answer.

There being no further business, Hubert Yount moved to adjourn the meeting at 10:05 A.M.

Nola J. Gentry  
Nola J. Gentry, Chairman

Keith E. McMillin  
Keith E. McMillin, Board Member

Hubert D. Yount  
Hubert D. Yount

Attest: Maralyn O. Turner  
Maralyn O. Turner, Executive Secretary

#### ACTIVE AND INACTIVE DITCHES

Mr. Hoffman read the following ditches to be made active for the year 1991 J. A. Kuhns, Ray Skinner, Gustav Swanson, Charles E. Daugherty, John Hoffman and Shawnee Creek. A letter from White County Surveyor was read to collect maintenance assessments on the Emmet Rayman ditch for 1991. Keith E. McMillin moved to make these ditches active for assessment in the year 1991, seconded by Hubert D. Yount, unanimously approved.

The following ditches were made Inactive for the year 1991 John Blickenstaff, O. J. Byers and Beutler/Gosma, Keith E. McMillin moved to make these ditches inactive, seconded by Hubert D. Yount, unanimously approved.

**TIPPECANOE COUNTY DRAINAGE BOARD  
REGULAR MEETING  
FEBRUARY 5, 1992**

The Tippecanoe County Drainage Board met Wednesday, February 5, 1992 in the Community Meeting Room of the Tippecanoe County Office Building, 20 North Third Street, Lafayette, Indiana with Keith E. McMillin calling the meeting to order.

Those present were: Keith E. McMillin, Chairman, Nola J. Gentry and Hubert Yount, Tippecanoe County Commissioners, Michael J. Spencer, County Surveyor, Ilene Dailey, Chris Burke Consulting Engineers, J. Frederick Hoffman, Drainage Board Attorney, and Dorothy M. Emerson, Executive Secretary Drainage Board.

The first item on the agenda was to approve to the minutes of the meeting for the last Drainage Board meeting on January 8, 1991. Nola Gentry moved to approve the minutes, seconded by Hubert Yount. Unanimously approved.

**CARROLL COUNTY JOINT DRAIN**

Mike Spencer, County Surveyor stated Keith McMillin and Hubert Yount needed to be appointed to the Carroll County Joint Drain for the Andrew and Mary Thomas Drains.

Nola Gentry motioned to appoint Keith McMillin and Hubert Yount to the Carroll County Joint Drain for the Andrew and Mary Thomas Drains.

Hubert Yount, seconded. Motion carried.

**DRAINAGE BOARD ATTORNEY CONTRACT**

Mike presented the Board with a contract for the Drainage Board Attorney J. Frederick Hoffman, that needed to be executed for 1992.

Hubert Yount moved to approve the contract between Tippecanoe County Drainage Board and J. Frederick Hoffman as Attorney for said group.

Nola J. Gentry, seconded. Motion carried.

**ACTIVE AND INACTIVE DITCHES**

Nola Gentry moved to include the active and inactive ditches into the February minutes and mail the appropriate notices to the surrounding counties. Hubert Yount, seconded. Motion carried.

The following is a list of the active and inactive ditch assessment list for 1992.

DRAINAGE BOARD ASSESSMENT LIST				
DITCH No.	DITCH	TOTAL 4 YEAR ASSESSMENT	1991	1992
1	Amstutz, John	\$5,008.00	Inactive	Inactive
2	Anderson, Jesse	\$15,675.52	Active	Active
3	Andrews, E.W.	\$2,566.80	Active	Active
4	Anson, Delphine	\$5,134.56	Active	Active
5	Baker, Dempsey	\$2,374.24	Inactive	Inactive
6	Baker, Newell	\$717.52	Inactive	Inactive
7	Ball, Nellie	\$1,329.12	Inactive	Inactive
8	Berlovitz, Juluis	\$8,537.44	Inactive	Inactive
9	H W Moore Lateral (Benton Co)			Active
10	Binder, Michael	\$4,388.96	Active	Active
11	Blickenstaff, John	\$7,092.80	Inactive	Inactive
12	Box, NW	\$11,650.24	Inactive	Inactive
13	Brown, A P	\$8,094.24	Active	Active
14	Buck Creek (Carroll Co)		Active	Inactive
15	Burkhalter, Alfred	\$5,482.96	Inactive	Active
16	Byers, Orrin	\$5,258.88	Inactive	Inactive
17	Coe, Floyd	\$13,617.84	Inactive	Inactive
18	Coe, Train	\$3,338.56	Active	Inactive
19	Cole, Grant	\$4,113.92	Inactive	Inactive
20	County Farm	\$1,012.00	Active	Active
21	Cripe, Jesse	\$911.28	Inactive	Inactive
22	Daughtery, Charles E.	\$1,883.12	Active	Active
23	Devault, Fannie	\$3,766.80	Inactive	Inactive
25	Dunkin, Marion	\$9,536.08	Inactive	Inactive
26	Darby, Wetherill (Benton Co)		Active	Active
27	Ellis, Thomas	\$1,642.40	Active	Inactive
28	Erwin, Martin V	\$656.72	Inactive	Inactive
29	Fassnacht, Christ	\$2,350.56	Inactive	Inactive
30	Fugate, Elijah	\$3,543.52	Inactive	Inactive
31	Gowen, Issac (White Co)		Inactive	Active
32	Gray, Martin	\$6,015.52	Active	Inactive
33	Grimes, Rebecca	\$3,363.52	Inactive	Inactive
34	Hafner, Fred	\$1,263.44	Active	Active
35	Haywood, E.F.	\$7,348.96	Active	Active
36	Haywood, Thomas	\$2,133.12	Active	Active
37	Harrison, Meadows	\$1,532.56	Inactive	Inactive
39	Inskeep, George	\$3,123.84	Inactive	Inactive
40	Jakes, Lewis	\$5,164.24	Inactive	Inactive
41	Johnson, E. Eugene	\$10,745.28	Inactive	Inactive

41 Johnson, E. Eugene	\$10,745.28	Inactive	Inactive
42 Kellerman, James	\$1,043.52	Active	Inactive
43 Kerschner, Floyd	\$1,844.20	Inactive	Inactive
44 Kirkpatrick, Amanda	\$2,677.36	Inactive	Inactive
45 Kirkpatrick, Frank	\$4,226.80	Active	Inactive
46 Kirkpatrick, James	\$16,637.76	Inactive	Active
47 Kuhns, John A	\$1,226.96	Active	Inactive
48 Lesley, Calvin	\$3,787.76	Inactive	Active
50 McCoy, John	\$2,194.72	Inactive	Inactive
51 McFarland, John	\$7,649.12	Active	Inactive
52 McKinny, Mary	\$4,287.52	Inactive	Inactive
53 Mahin, Wesley	\$3,467.68	Active	Active
54 Marsh, Samuel (Montgomery Co)		Inactive	Inactive
55 Miller, Absalm	\$3,236.00	Inactive	Active
56 Montgomery, Ann	\$4,614.56	Active	Inactive
57 Morin, F.E.	\$1,434.72	Active	Active
58 Motsinger, Hester	\$2,000.00	Active	Active
59 O'Neal, J. Kelly	\$13,848.00	Active	Active
60 Oshier, Aduley	\$1,624.88	Active	Active
61 Parker, Lane	\$2,141.44	Inactive	Active
62 Parlon, James	\$1,649.96	Inactive	Active
63 Peters, Calvin	\$828.00	Inactive	Inactive
64 Rayman, Emmett (White Co)		Active	Active
65 Resor, Franklin	\$3,407.60	Inactive	Active
66 Rettereth, Peter	\$1,120.32	Inactive	Inactive
67 Rickerd, Aurthur	\$1,064.80	Inactive	Inactive
68 Ross, Alexander	\$1,791.68	Inactive	Inactive
69 Sheperdson, James	\$1,536.72	Inactive	Inactive
70 Saltzman, John	\$5,740.96	Inactive	Inactive
71 Skinner, Ray	\$2,713.60	Active	Active
72 Smith, Abe	\$1,277.52	Active	Active
73 Southworth, Mary	\$558.08	Active	Active
74 Sterrett, Joseph C	\$478.32	Inactive	Active
75 Stewart, William	\$765.76	Inactive	Active
76 Swanson, Gustav	\$4,965.28	Active	Active
77 Taylor, Alonzo	\$1,466.96	Inactive	Inactive
78 Taylor, Jacob	\$4,616.08	Inactive	Inactive
79 Toohy, John	\$542.40	Inactive	Inactive
81 VanNatta, John	\$1,338.16	Inactive	Inactive
82 Wallace, Harrison B.	\$5,501.76	Inactive	Inactive
83 Walters, Sussana	\$972.24	Inactive	Inactive
84 Walters, William	\$8,361.52	Active	Active
85 Waples, McDill	\$5,478.08	Inactive	Active
86 Wilder, Lena	\$3,365.60	Inactive	Inactive
87 Wilson, Nixon (Fountain Co)		Inactive	Inactive
88 Wilson, J & J	\$736.96	Inactive	Inactive
89 Yeager, Simeon	\$615.36	Active	Active
90 Yoe, Franklin	\$1,605.44	Inactive	Inactive
91 Dickens, Jesse	\$288.00	Inactive	Inactive
92 Jenkins	\$1,689.24	Inactive	Inactive
93 Dismal Creek	\$25,420.16	Active	Active
94 Shawnee Creek	\$6,639.28	Active	Active
95 Buetler/Gosma	\$19,002.24	Inactive	Active
96 Kirkpatrick One	\$6,832.16	Active	Inactive
97 McLaughlin, John	\$0.00	Inactive	Inactive
98 Hoffman, John	\$72,105.03	Active	Active
99 Brum, Sarah (Benton Co)		Active	Active
100 S.W.Elliott	\$227,772.24	Active	Active

#### DISCUSSION ON TILE BIDS

Mike Spencer presented a tile bid that had been inadvertently returned to the bidder. Fred Hoffman opened the bid.

Mike stated he had received two proposals for Professional Services on the Berlovitz Watershed Study, one from Christopher Burke Engineering and one from Ticen, Schulte and Associates. Mike recommended Christopher Burke Engineering the lowest bidder.

Nola moved to approve the proposal from Christopher Burke Engineering for the Berlovitz Ditch Study. Hubert, seconded. Motion carried.

#### JOHN HOFFMAN DRAIN

Mike stated to the Board that work will be done on the Hoffman Drain at a cost less than \$25,000.00. Since it was under \$25,000.00 Mike requested quotes be done on the project rather than bids since quotes are faster.

Mike read the proposal into the minutes.

#### TO WHOM IT MAY CONCERN:

The Tippecanoe County Drainage Board is interested in taking quotes for maintenance work on the John Hoffman Ditch, beginning at the tile outlet which is located along County Road 900 East just north of State Road 26 East.

Work will consist of dredging approximately 1000 feet of channel down stream of the tile outlet, cleaning out road culvert under 900 East. Then clearing trees over and along the tile for some 4000 feet to the east.

After the clearing all tile holes will be fixed and or wide joints patched, then the waterway over the tile will be graded as directed by the Surveyor. When all work is completed all disturbed areas will be seeded.

There will be a pre-quote site visit held at the site on February 19th, 1992 at 9:00 am.

Written quotes will be on a per foot basis for dredging, clearing and grading of waterway.

Tile repair will be on time and material basis. Seeding will be lump sum.

Quotes will be due on March 4th at 11:00 am in the Tippecanoe County Auditors Office.

For further information please contact the Tippecanoe County Surveyor, Mike Spencer at 423-9228.

Discussion followed.

Hubert Yount moved to accept quotes for the John Hoffman Drain. Nola, seconded. Motion carried.

#### HADLEY LAKE DRAIN

Mike stated that West Lafayette Wetland Delineation Study will be done on February 15. We need to have that before we advertise for the proposals for engineering work.

#### PINE VIEW FARMS

Roger Kottowski, Weitzel Engineering and Tom Stafford, Melody Homes presented their drainage plans for Pine View Farms to the Drainage Board.

Discussion followed.

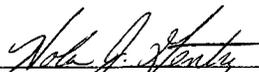
Mike Spencer recommended preliminary approval to the Board.

Nola moved to grant preliminary approval contingent on completion of restrictions and receipt of the recorded easements or agreements.

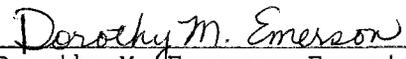
Hubert Yount, seconded. Motion carried.

Being no further business, Hubert Yount moved to adjourn the Drainage Board meeting. The next regular scheduled meeting will March 4 at 8:30 AM and will reconvene at 11:00 AM for quotes on the John Hoffman Drain.

  
Keith E. McMillin, Chairman

  
Nola J. Gentry, Member

  
Hubert D. Yount, Member

ATTEST:   
Dorothy M. Emerson, Executive Secretary

**Tippecanoe County Drainage Board**  
**Minutes TRANSCRIPT**  
**Regular Meeting**  
**January 6, 1993**

The Tippecanoe County Drainage Board met Wednesday, January 6, 1993 in the Community Meeting Room of the Tippecanoe County Office Building, 20 North Third Street, Lafayette, Indiana, with Nola Gentry calling the meeting to order for the re-organization of the Board. She then turned it over to J. Frederick Hoffman, Drainage Board Attorney to preside.

Those present were: Nola J. Gentry, Hubert Yount, Bill Haan, Tippecanoe County Commissioners, Michael J. Spencer, County Surveyor, Ilene Dailey, Christopher Burke Consulting Engineer, J. Frederick Hoffman, Drainage Board Attorney, Hans Peterson, Paul Elling, Project Engineers SEC Donohue, Greg Griffith, Great Lakes Chemical Corporation, Josh Andrews, West Lafayette Development Director, Opal Kuhl, West Lafayette City Engineer, and Shelli Hoffine Drainage Board Executive Secretary.

J. Frederick Hoffman, Drainage Board Attorney asked for nominations from the floor for the Board President. Commissioner Gentry nominated Commissioner Haan for President, seconded by Commissioner Yount. Unanimously approved.

Mr. Hoffman then turned the meeting over to Commissioner Haan to preside over the remainder of the meeting.

Commissioner Haan asked for nominations from the floor for the Board Vice President. Commissioner Haan nominated Commissioner Gentry for Vice President, seconded by Commissioner Yount. Unanimously approved.

Commissioner Haan asked for nominations from the floor for the Board Executive Secretary. Commissioner Gentry nominated Shelli Hoffine for Executive Secretary, seconded by Commissioner Yount. Unanimously approved.

The first item on the agenda was to approve the minutes of the meeting for the Drainage Board meeting on December 2, 1992. Hubert Yount moved to approve the minutes of December 2, 1992, seconded by Commissioner Gentry. Unanimously approved.

**Hire the Attorney**

Commissioner Gentry moved to appoint J. Frederick Hoffman as Attorney for the Drainage Board, seconded by Commissioner Yount. Motion carried.

**Active and Inactive Ditches for 1993**

Mr. Hoffman suggested putting the active and inactive ditches in the January minutes. Mr. Hoffman also read them aloud to the Board.

**ACTIVE DITCHES**

<u>Number</u>	<u>Names</u>
2	Anderson, Jesse
3	Andrews, E.W.
4	Anson, Delphine
9	See #103
12	Box, N.W.
13	Brown, Andrew
18	Coe, Train
20	County Farm
22	Daughtery, Charles
26	Darby, Wetherill (Benton Co.)
29	Fassnacht, Christ
34	Haffner, Fred
35	Haywood, E.F.
37	Harrison Meadows
38	Ilgenfritz, George (combined with Dismal)
45	Kirkpatrick, Frank
46	Kirkpatrick, James
48	Lesley, Calvin
49	Lucas, Luther (combined with Dismal)
53	Mahin, Wesley
55	Miller, Absalom
57	Morin, F.E.
58	Motsinger, Hester
59	O'Neal, J. Kelly
60	Oshier, Aduley
61	Parker Lane
62	Parlon, James, (combined with Shawnee)
65	Resor, Franklin
71	Skinner, Ray
72	Smith, Abe
73	Southworth, Mary
74	Sterrett, Joseph C.
76	Swanson, Gustav

- 84 Walters, William
- 89 Yeager, Simeon
- 91 Dickens, Jesse
- 93 Dismal Creek
- 94 Shawnee Creek
- 95 Buetler, Gosma
- 98 See #101
- 99 See #102
- 100 Elliott, S.W.
- 101 Hoffman, John
- 102 Brum, Sophia (Benton Co)
- 103 Moore H.W. (Benton Co)

INACTIVE DITCHES

<u>Number</u>	<u>Names</u>
1	Amstutz, John
5	Baker, Dempsey
6	Baker, Newell
7	Bell, Nellie
8	Berlovitz, Julius
10	Binder, Michael
11	Blickenstaff, John M.
14	Buck Creek (Carroll Co.)
15	Burkhalter, Alfred
16	Byers, Orin J.
17	Coe, Floyd
19	Cole Grant
21	Cripe, Jesse
23	Devault, Fannie
24	Deer Creek
25	Dunkin, Marion
27	Ellis, Thomas
28	Erwin, Martin
30	Fugate, Elijah
31	Gowen, Isaac (White Co.)
32	Gray, Martin
33	Grimes, Rebecca
36	Haywood, Thomas
39	Inskeep, George
40	Jakes, Lewis
41	Johnson, E. Eugene
42	Kellerman, James
43	Kerschner, F.S.
44	Kirkpatrick, Amanda
47	Kuhns, John
50	McCoy, John
51	McFarland, John
52	McKinney, Mary
54	Marsh, Samuel (Montgomery Co)
56	Montgomery, Ann
63	Peters, Calvin
64	Rayman, Emmett (White Co.)
66	Rettereth, Peter
67	Rickerd, Arthur
68	Ross, Alexander
69	Sheperdson, J.A.
70	Saltzman, John
75	Stewart, William
77	Taylor, Alonzo
78	Taylor, Jacob
79	Toohey, John
81	Van Natta, John
82	Wallace, Harrison
83	Walters, Sussana
85	Waples, McDill
86	Wilder, Lena
87	Wilson, Nixon (Fountain Co.)
88	Wilson, J & J
90	Yoe, Franklin
92	Jenkins
96	Kirpatrick One
97	McLaughlin, John

**Storm Water Drainage Improvement Plan**

Hans Peterson and Paul Elling from SEC Donohue presented the Stormwater Drainage Improvement Plan for the Cuppy-McClure watershed. Mr. Peterson discussed the project overview and objectives, project design criteria and constraints, hydrologic/hydraulic analysis, alternative improvements and recommendations, permits, and the schedule.

Mr Peterson discussed the alternative improvements.

Alternative #1 Low flow pipe and high flow channel.

The cost of the low flow pipe and high flow channel - \$930,000.00

The pipe in this alternative would be two to three feet deep under the ground from the Celery Bog to U.S. 52 then opens up and flows under US 52 with the existing pipe, then drops down into another pipe and flows on down to Hadley Lake.

Mr. Hoffman asked how big the pipe would be?

Mr. Peterson answered the pipe ranges in size from 36 inches to 42 inches.

Alternative #2 All pipe improvements.

The cost of all pipe improvements - \$1,570,000.00

Pipe size ranges from 54 inches to 60 inches.

This alternative would run completely under the ground from Celery Bog to Hadley Lake that is the main reason for the high cost. Mr. Peterson said this would look the nicest after it is complete.

Alternative #3 All channel improvements.

The cost of all channel improvements - \$755,000.00

This alternative does not have any pipe. It is a standard open channel all the way from Celery Bog down to Hadley Lake. There would have to be a concrete lining treatment at the bottom of the channel.

Mr. Peterson recommended alternative was #1 the low flow pipe and high flow channel.

Mr. Hoffman asked on these changes of easement are they giving and taking from the same landowners or taking from some landowners and giving others?

Mr. Peterson said based on the assessment map that we have, it is generally give and take on the same properties except for one parcel. Parcel #13 looks like we are taking.

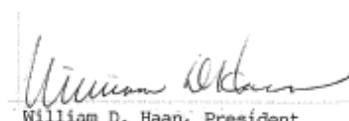
Mr. Hoffman assumed there will be a petition for reconstruction to make those changes in easement.

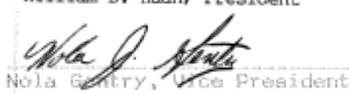
Commissioner Gentry answered there will be a reconstruction hearing.

Discussion followed.

Bening no further business Commissioner Gentry moved to adjourn until February 3, 1993 at 8:30 a.m., seconded by Hubert Yount.

Meeting adjourned.

  
William D. Haan, President

  
Nola Gentry, Vice President

  
Hubert Yount, Member

ATTES:   
Shelli Hoffine, Executive Secretary

TIPPECANOE COUNTY DRAINAGE BOARD  
REGULAR MEETING  
JANUARY 5, 1994

The Tippecanoe County Drainage Board met Wednesday January 5, 1994 in the Community meeting room of the Tippecanoe County Office Building, 20 North Third Street, Lafayette, Indiana with William D. Haan calling the meeting to order.

Those present were: Tippecanoe County Commissioners William D. Haan, Nola J. Gentry, Hubert D. Yount; Tippecanoe County Surveyor Michael J. Spencer; Drainage Board Attorney J. Frederick Hoffman; Drainage Board Engineering Consultant Jon Stolz and Drainage Board Secretary Shelli Hoffine.

ELECTION OF 1994 OFFICERS

Mr. Hoffman asked nominations for the President of the Tippecanoe County Drainage Board. Commissioner Haan nominated Commissioner Gentry, seconded by Commissioner Yount. Unanimously approved.

Mr. Hoffman turned the meeting over to Commissioner Gentry to preside.

Commissioner Gentry asked nominations for Vice President of the Tippecanoe County Drainage Board. Commissioner Gentry nominated Commissioner Haan, seconded by Commissioner Yount. Unanimously approved.

-APPOINTMENTS-

Commissioner Haan moved to appoint Shelli Hoffine for Executive Secretary of the Tippecanoe County Drainage Board, seconded by Commissioner Yount. Unanimously approved.

Commissioner Haan moved to appoint J. Frederick Hoffman as Attorney for the Tippecanoe County Drainage Board pending an agreement of a contract, seconded by Commissioner Yount. Unanimously approved.

Commissioner Yount moved to extend the existing contract into 1994 for Christopher Burke Engineering, LTD. to provide engineering services to the Tippecanoe County Drainage Board pending review of the contract, seconded by Commissioner Haan. Unanimously approved.

-MEETING DATES FOR 1994-

January 5, 1994	July 6, 1994
February 2, 1994	August 3, 1994
March 9, 1994	September 7, 1994
April 6, 1994	October 5, 1994
May 4, 1994	November 2, 1994
June 1, 1994	December 7, 1994

Commissioner Haan moved to accept the meeting dates for the Tippecanoe County Drainage Board, seconded by Commissioner Yount. Unanimously approved.

Commissioner Yount moved approve the minutes from the last Drainage Board meeting held December 1, 1993. Seconded by Commissioner Haan. Unanimously approved.

Joe Bumbleburg asked the Board to approve a resolution for vacation of a drainage easement located on a part of lot 5 in Capilano By the Lake Subdivision, Phase I. The drainage easement ended up in the middle of lot 5 when it was replatted.

Mr. Spencer stated he has been out to the site, Mr. Cunningham of Vester and Associates checked the easement and it definitely will not cause a problem with the lot or any of the adjoining lots. Mr. Spencer recommended the vacation of the drainage easement in lot 5, Capilano By the Lake Subdivision, Phase I.

The petition and the resolution to vacate a portion of a drainage easement on lot 5, Capilano by the lake subdivision, Phase I is on file in the Tippecanoe County Surveyor's Office.

Commissioner Yount moved to approve the resolution to vacate a portion of an easement on lot number 5, Capilano by the Lake Subdivision, Phase I, seconded by Commissioner Haan. Unanimously approved

#### HAWKS NEST SUBDIVISION, PHASE I

Greg Hall, Intercon Engineering, asked the Board for final approval of Hawks Nest Subdivision, Phase I and the detention ponds for the entire project. Mr. Hall also, requested a variance for exceeding the four foot of depth in Basin A.

Mr. Spencer stated he recommended approval of Phase I and the detention ponds.

Mr. Hall stated there will be eighteen lots in Phase I, one detention basin will be located in this phase.

Commissioner Haan asked if the permits from the IDNR have been processed?

Mr. Stolz stated that the portion that was requiring a permit has been moved from the floodplain and no longer requires a permit.

Commissioner Yount moved to grant the variance to exceed the maximum four foot depth in Basin A, seconded by Commissioner Haan. Unanimously approved.

Commissioner Yount moved to grant final approval of Hawks Nest Subdivision, Phase I and the detention basin for the entire project, seconded by Commissioner Haan. Unanimously approved.

#### TRIPLE J POINTE SUBDIVISION

Bob Grove, representing Smith Enterprises, asked for preliminary approval of Triple J Pointe Subdivision, which involves fifteen acres with 75 lots, located off Old Romney Road and County Road 250 South. The proposal is to detain the water offsite which will hold seventy two acres of offsite runoff, then take the ten year flow through the subdivision to a basin that will hold the 15 acres of developed subdivision, a pipe will carry the runoff from the basin to an existing structure of Ashton Woods Subdivision detention system. The ditch will be used as overflow for runoff that exceeds the 10 year flow.

Commissioner Yount asked if pipe along Old Romney Road would be in the road right-of-way if so, has the County Highway Department approved a permit for the pipe?

Mr. Grove stated yes, we are proposing to put the pipe in the right-of-way and no, we have not obtained a permit from the Highway Department.

Mr. Spencer stated the Highway Department has a set of plans, but he has not heard a report from them.

Commissioner Yount asked about the use of the pond offsite easement?

Mr. Grove stated that G. Mark Smith will be preparing an agreement for the easement.

Mr. Spencer stated John Fisher did a drainage study of the Wea-Ton drainage area, in the report it shows the watershed area delineated certain runoff values for sub-areas within the watershed area. Ashton Woods kept in compliance with the idea for sub-areas to be within the watershed area, at that time, the Board accepted the idea. Ashton Woods created an outlet for the Wea-Ton watershed area and during construction they have created the outlet channel and incorporated their storage area with Old Romney Heights storage area. In the study, there are recommendation about how water moves to the east as development progresses. A pipe was sized under Old Romney Road at the end of the channel to pick up water to the east. Triple J Pointe Subdivision does not comply with this idea as far as construction of proper pipe size under Old Romney Road to convey the water from the east.

Mr. Grove stated Smith Enterprises asked John Fisher for the drainage study, but were not able to obtain a copy. It was decided to make an alternate route from the project's outlet to go along the east side of Old Romney Road in an easement just outside the right-of-way, provide a manhole and a crossing based on a 10 year predeveloped flow from the Wea-Ton area.

Commissioner Gentry suggested getting a meeting set up between the Commissioners, the Surveyor, Smith Enterprises, Mr. Gloyeske, and Mr. Fisher.

Commissioner Yount moved to continue Triple J Pointe Subdivision with Mr. Grove's consent until after the above meeting has been held, seconded by Commissioner Haan. Unanimously approved.

#### HARRISON & MCCUTCHEON HIGH SCHOOLS IMPROVEMENTS

Kyle Miller, Triad and Associates, presented the Board with the plans to improve Harrison High School and McCutcheon High School. Harrison and McCutcheon will be adding approximately one acre of roof to the existing structures over what is now parking lot signifying no increase in the volume of runoff for either plan. Harrison's storm sewer pipes run around the perimeter of the school, some of the pipe are undersized and will be replaced along with all new pipe to go around the perimeter of the constructed area. All roof drainage will run into the storm sewer then to an existing pipe and discharge into the **Cole Ditch/"Burnett Creek"**. Mr. Miller indicated a portion of one existing outfall pipe will be replaced and a permit from the IDNR is required for construction in the floodway area.

Commissioner Gentry asked what the design is of the outfall pipe into the creek?

Mr. Miller stated there will an end section on the pipe and that rip-rap will be placed on both sides of the banks.

Mr. Miller explained that McCutcheon High School storm sewer pipes run the perimeter of the existing structure and outlets into the **Wea Creek**. The

improvements will replace what is now asphalt and the storm sewer pipe around the perimeter of the constructed area.

Commissioner Yount moved to approve Harrison High School's final improvement plan subject to the approval of the permit from the IDNR, seconded by Commissioner Haan. Unanimously approved.

Commissioner Yount moved to approve McCutcheon High School's final drainage improvement plan, seconded by Commissioner Haan. Unanimously approved.

ACTIVE DITCHES FOR 1994

Ditch No.	Ditch Name	Four Year Assessment	Balance Fund 94
2	Anderson, Jesse	\$15793.76	\$11549.19
3	Andrews, E.W.	2566.80	987.71
4	Anson, Delphine	5122.56	1365.36
8	Berlovitz, Juluis	8537.44	7288.07
13	Brown, Andrew	8094.24	4625.60
14	Buck Creek (Carroll Co.)		
15	Burkhalter, Alfred	5482.96	4285.72
20	County Farm	1012.00	(994.25)
26	Darby, Wetherill (Benton Co.)		
27	Ellis, Thomas	1642.40	760.68
29	Fassnacht, Christ	2350.56	965.04
31	Gowen, Issac (White Co.)		
33	Grimes, Rebecca	3363.52	3357.75
37	Harrison Meadows	1532.56	-0-
48	Lesley, Calvin	3787.76	1622.08
53	Mahin, Wesley	3467.68	2864.18
54	Marsh, Samuel (Montgomery Co)		
57	Morin, F.E.	1434.72	-0-
58	Motsinger, Hester	2000.00	1090.53
59	O'Neal, J. Kelly	13848.00	7398.17
60	Oshier, Aduley	1624.88	-0-
64	Rayman, Emmett (White Co.)		
67	Rickerd, Arthur	1064.80	842.58
71	Skinner, Ray	2713.60	(64.53)
72	Smith, Abe	1277.52	1053.33
73	Southworth, Mary	558.08	314.04
74	Sterrett, Joseph C.	478.32	-0-
76	Swanson, Gustav	4965.28	(1473.83)
84	Walters, William	8361.52	6716.94
87	Wilson, Nixon (Fountain Co.)		
89	Yeager, Simeon	615.36	342.15
91	Dickens, Jesse	288.00	-0-
93	Dismal Creek	25420.16	86.15
<b>94</b>	<b>Shawnee Creek</b>	<b>6639.28</b>	<b>-0-</b>
95	Buetler, Gosma	19002.24	16368.00
100	Elliott, S.W.	227772.24	76956.82
101	Hoffman, John	72105.03	34631.86
102	Brum, Sophia (Benton Co)		
103	Moore H.W. (Benton Co)		
104	Hadley Lake	65344.56	4402.77
105	Thomas, Mary (Carroll Co)		
106	Arbegust-Young (Clinton Co)		

INACTIVE DITCHES FOR 1994

Ditch No.	Ditch Names	Four Year Assessment	Balance Fund 94
1	Amstutz, John	\$5008.00	\$5566.86
5	Baker, Dempsey	2374.24	2814.71
6	Baker, Newell	717.52	2016.73
7	Bell, Nellie	1329.12	2077.51
10	Binder, Michael	4388.96	5513.73
11	Blickenstaff, John M.	7092.80	7994.87
12	Box, N.W.	11650.24	15333.92
16	Byers, Orin J.	5258.88	7337.50
17	Coe, Floyd	13617.84	18262.88
18	Coe, Train	3338.56	7923.36
19	Cole Grant	4113.92	9940.56
21	Cripe, Jesse	911.28	1557.87
22	Daughtery, Charles	1883.12	2290.95
23	Devault, Fannie	3766.80	7764.58
25	Dunkin, Marion	9536.08	12390.41
28	Erwin, Martin	656.72	1095.68
30	Fugate, Elijah	3543.52	5114.39
32	Gray, Martin	6015.52	8253.80
34	Hafner, Fred	1263.44	1559.07
35	Haywood, E.F.	7348.96	7564.29
36	Haywood, Thomas	2133.12	2799.85
39	Inskeep, George	3123.84	7655.03
40	Jakes, Lewis	5164.24	6026.73
41	Johnson, E. Eugene	10745.28	14592.35
42	Kellerman, James	1043.52	1063.29
43	Kerschner, F.S.	1844.20	4618.29
44	Kirkpatrick, Amanda	2677.36	3110.15
45	Kirkpatrick, Frank	4226.80	4440.35
46	Kirkpatrick, James	16637.76	16816.54
47	Kuhns, John	1226.96	1528.87
50	McCoy, John	2194.72	3182.80
51	McFarland, John	7649.12	8766.27
52	McKinney, Mary	4287.52	5791.10
55	Miller, Absalm	3236.00	5168.30
56	Montgomery, Ann	4614.56	5250.77
61	Parker Lane	2141.44	3261.19
63	Peters, Calvin	828.00	2327.12
65	Resor, Franklin	3407.60	5659.22
66	Rettereth, Peter	1120.32	1975.43
68	Ross, Alexander	1791.68	3895.39
69	Sheperdson, J.A.	1536.72	3609.60
70	Saltzman, John	5740.96	6920.20
75	Stewart, William	765.76	900.58
77	Taylor, Alonzo	1466.96	3447.90
78	Taylor, Jacob	4616.08	6544.52
79	Toohey, John	542.40	1069.50
81	Van Natta, John	1338.16	2714.51
82	Wallace, Harrison	5501.76	6573.81
83	Walters, Sussana	972.24	2061.09
85	Waples, McDill	5478.08	9188.51
86	Wilder, Lena	3365.60	4921.20
88	Wilson, J & J	736.96	5639.22

90	Yoe, Franklin	1605.44	2509.75
92	Jenkins	1689.24	2549.43
96	Kirpatrick One	6832.16	11352.18
97	McLaughlin, John		

OTHER BUSINESS

Mr. Spencer asked if section six, letter F of the Drainage Ordinance, Submittal and Consideration of Plans, could be clarified to clear up questions pertain to the twenty days submittal deadline being twenty working days or twenty calendar days.

Commissioner Yount suggested changing the twenty days to thirty calendar days and requiring a review memo from the County Engineering Consultant to the petitioner, ten days prior to the hearing date.

Mr. Hoffman stated he will write an amendment to the Drainage Ordinance, letter F in section six, Submittal and Consideration of Plans, to change the twenty days submittal to thirty calendars days and the Surveyor will make a report to the petitioners not less than ten days prior to the hearing date.

**GREAT LAKES CHEMICAL**

Mr. Spencer stated all the landowners along the proposed channel have been informed of the Great Lakes project, the County has a complete set of construction plans, a drainage report, and Army Corp of Engineers permit. The County does not have IDNR or the IDEM, but those have been filed and should be approved soon. Ken Baldwin had some question for insurance reasons on fencing around the sediment basin before the water goes into **Hadley Lake**. The County will contribute \$700,000.00 dollars out of that the County has spent approx \$150,000.00 on Engineering, the Engineer's construction estimate is 1,040,000.00.

Commissioner Gentry asked what the time table is on advertising for reconstruction, and does the project have to be advertised before the bidding or concurrent with the bid process?

Mr. Hoffman stated the advertising has to be done before the bid processing. The County would have to give thirty to forty day notice and then have the hearing, if approved the bidding can go out, all that together would take about three months.

Judy Rhodes asked if there was any legal document showing West Lafayette committing to an agreement of participation in this project?

Commissioner Gentry stated that the County has a signed worksheet by Nola J. Gentry and Mayor Sonya Margerum showing the break down of contribution between the State of Indiana, Tippecanoe County and the City of West Lafayette for Great Lakes Chemical Corporation/**Cuppy McClure** watershed project

Ms. Rhodes asked and received a copy of the worksheet.

Being no further business Commissioner Yount moved to adjourn until February 2, 1994, seconded by Commissioner Haan. Unanimously approved.

TIPPECANOE COUNTY DRAINAGE BOARD  
 REGULAR MEETING  
 FEBRUARY 1, 1995

The Tippecanoe County Drainage Board met Wednesday February 1, 1995 in the Community meeting room of the Tippecanoe County Office Building, 20 North Third Street, Lafayette, Indiana with William D. Haan calling the meeting to order.

Those present were: Tippecanoe County Commissioners William D. Haan, Nola J. Gentry, Gene Jones; Tippecanoe County Surveyor Michael J. Spencer; Drainage Board Attorney pro-tem David Luhman; and Drainage Board Secretary Shelli Muller.

The first item on the agenda was to approve the minutes from the last Drainage Board Meeting held January 4, 1995. Commissioner Gentry moved to approve the minutes, Seconded by Commissioner Jones. Motion carried.

ACTIVE AND INACTIVE DITCH LIST 1995

Mr. Luhman read the active ditch list into the minutes.

Ditch No.	Ditch Name	Four Year Assessment	Balance Fund 94
2	Anderson, Jesse	15793.76	\$15745.45
3	Andrews, E.W.	2566.80	1385.41
4	Anson, Delphine	5122.56	1302.37
13	Brown, Andrew	8094.24	5365.93
14	Buck Creek (Carroll Co.)		
16	Byers, Orrin	5258.88	4453.68
18	Coe Train	3338.56	112.19
20	County Farm	1012.00	(724.45)
26	Darby, Wetherill (Benton Co.)		
27	Ellis, Thomas	1642.40	874.96
29	Fassnacht, Christ	2350.56	630.15
31	Gowen, Issac (White Co.)		
33	Grimes, Rebecca	3363.52	(5780.23)
35	Haywood, E.F.	7348.96	6405.57
37	Harrison Meadows	1532.56	399.99
42	Kellerman, James	1043.52	513.73
46	Kirkpatrick, James	16637.76	13804.40
48	Lesley, Calvin	3787.76	511.43
51	McFarland, John	7649.12	6823.11
52	McKinney, Mary	4287.52	2344.53
54	Marsh, Samuel (Montgomery Co)		
57	Morin, F.E.	1434.72	264.90
58	Motsinger, Hester	2000.00	184.36
59	O'Neal, J. Kelly	13848.00	9902.13
60	Oshier, Aduley	1624.88	429.56
64	Rayman, Emmett (White Co.)		
65	Reser, Franklin	3407.60	(1799.25)
71	Skinner, Ray	2713.60	2003.50
73	Southworth, Mary	558.08	470.62
74	Sterrett, Joseph C.	478.32	120.35
76	Swanson, Gustav	4965.28	(314.21)
87	Wilson, Nixon (Fountain Co.)		
89	Yeager, Simeon	615.36	515.63

91	Dickens, Jesse	288.00	93.96
93	Dismal Creek	25420.16	5408.64
94	Shawnee Creek	6639.28	1004.91
100	Elliott, S.W.	227772.24	95756.64
102	Brum, Sophia (Benton Co)		
103	Moore H.W. (Benton Co)		
104	Hadley Lake	65344.56	15588.62
105	Thomas, Mary (Carroll Co)		
106	Arbegust-Young (Clinton Co)		

Mr. Luhman read the inactive ditch list into the minutes

Ditch No.	Ditch Names	Four Year Assessment	Balance Fund 94
1	Amstutz, John	\$5008.00	\$5797.94
5	Baker, Dempsey	2374.24	2931.55
6	Baker, Newell	717.52	2100.45
7	Bell, Nellie	1329.12	2163.76
8	Berlowitz, Julius	8537.44	9835.71
10	Binder, Michael	4388.96	4844.52
11	Blickenstaff, John M.	7092.80	7352.92
12	Box, N.W.	11650.24	14523.89
15	Burkhalter, Alfred	5482.96	5661.22
17	Coe, Floyd	13617.84	19021.00
19	Cole Grant	4113.92	10353.24
21	Cripe, Jesse	911.28	1622.55
22	Daughtery, Charles	1883.12	2386.04
23	Devault, Fannie	3766.80	8086.91
25	Dunkin, Marion	9536.08	11422.15
28	Erwin, Martin	656.72	1141.16
30	Fugate, Elijah	3543.52	5326.70
32	Gray, Martin	6015.52	6440.23
34	Hafner, Fred	1263.44	1380.75
36	Haywood, Thomas	2133.12	2916.09
39	Inskeep, George	3123.84	7972.80
40	Jakes, Lewis	5164.24	5493.58
41	Johnson, E. Eugene	10745.28	13692.14
43	Kerschner, F.S.	1844.20	4165.28
44	Kirkpatrick, Amanda	2677.36	3239.28
45	Kirkpatrick, Frank	4226.80	4754.52
47	Kuhns, John	1226.96	1592.33
50	McCoy, John	2194.72	3185.39
53	Mahin, Wesley	3467.68	3878.12
55	Miller, Absalm	3236.00	5382.84
56	Montgomery, Ann	4614.56	5468.74
61	Parker Lane	2141.44	3276.36
63	Peters, Calvin	828.00	2423.73
66	Rettereth, Peter	1120.32	2057.43
67	Rickerd, Arthur	1064.80	1148.17
68	Ross, Alexander	1791.68	4057.08
69	Sheperdson, J.A.	1536.72	3759.44
70	Saltzman, John	5740.96	7207.47

72	Smith, Abe	1277.52	1430.16
75	Stewart, William	765.76	937.96
77	Taylor, Alonzo	1466.96	3591.02
78	Taylor, Jacob	4616.08	6759.96
79	Toohy, John	542.40	1113.90
81	Van Natta, John	1338.16	2827.20
82	Wallace, Harrison	5501.76	6195.61
83	Walters, Sussana	972.24	2146.65
84	Walters, William	8361.52	8906.49
85	Waples, McDill	5478.08	9569.95
86	Wilder, Lena	3365.60	5125.49
88	Wilson, J & J	736.96	5873.30
90	Yoe, Franklin	1605.44	2613.93
92	Jenkins	1689.24	2655.25
95	Butler-Gosma	19002.24	20988.51
96	Kirkpatrick One	6832.16	11653.93
97	McLaughlin, John		
101	Hoffman, John	72105.03	55880.51

Mr. Spencer stated the John Hoffman Ditch is on a three year assessment which started in 1991 with a ten dollar an acre assessment. It is now necessary for the Board to schedule a meeting between Clinton, Carroll and Tippecanoe Counties to reduce the assessment.

Commissioner Haan appointed himself and Commissioner Gentry to serve on the Tri County Board.

#### CHRISTOPHER B. BURKE ENGINEERING CONTRACT

Mr. Luhman stated after reviewing the original contract from Christopher B. Burke Engineering a few items were discussed and changes were made. The contract was revised with one exception on page 6 paragraph 24. The suggested revision was if a contractor was doing work based upon the Engineers plans the contractor would indemnify Burke for any damages to Burke because of the contractors negligence. Also suggested was to include Burke as a named insured on the insurance policy. Mr. Luhman explained the main reason for the suggestion was so the County and Christopher B. Burke Engineering would not be held liable.

Commissioner Gentry moved to approve the contract with Christopher B. Burke Engineering, LTD., and authorize the President of the Board to sign the contract, seconded by Commissioner Jones. Motion carried.

#### OTHER BUSINESS

Mr. Spencer presented the Board with the reforestation proposal for the Cuppy-McClure Drain, which will comply with the DNR requirements for a 2 to 1 mitigation on tree removal. The Parks Department for the City of West Lafayette suggested sites for the trees replacement. Mr. Spencer explained he wanted the Board to be aware of the progress and that Mr. Ditzler of J.F. New will submit the plan to Dan Ernst of the Indiana Department of Natural Resources.

Being no further business, Commissioner Gentry moved to adjourn until March 1, 1995, seconded by Commissioner Jones. Meeting adjourned.

DRAINAGE BOARD MINUTES FEBRUARY 1, 1995 REGULAR MEETING

TIPPECANOE COUNTY DRAINAGE BOARD  
REGULAR MEETING  
JANUARY 3, 1996

The Tippecanoe County Drainage Board met Wednesday January 3, 1996 in the Commissioners Meeting Room of the Tippecanoe County Courthouse, Lafayette, Indiana with William D. Haan calling the meeting to order.

Those present were: Tippecanoe County Commissioners William D. Haan, Nola J. Gentry, and Gene Jones; Tippecanoe County Surveyor Michael J. Spencer; Drainage Board Attorney J. Frederick Hoffman; Drainage Board Engineering Consultant Dave Eichelberger, and Drainage Board Secretary Shelli Muller.

ELECTION OF OFFICERS

The first item on the agenda was to elect new officers for 1996.

Mr. Hoffman opened the floor to nominations for President.

Commissioner Haan nominated Commissioner Gentry.

Commissioner Haan moved to close nominations for president, seconded by Commissioner Jones. Motion carried, Commissioner Gentry was elected.

Mr. Hoffman turned the meeting over to the President.

Commissioner Gentry asked for nominations for Vice President.

Commissioner Haan nominated Commissioner Jones for Vice President.

Commissioner Haan moved to close nominations for Vice President, Commissioner Gentry seconded. Motion carried, Commissioner Jones was elected.

APPOINTMENTS TO THE BOARD

The next item on the agenda is to renew the contracts with Hoffman, Luhman & Busch as the law firm.

Commissioner Haan moved to renew the 1995 contract with Hoffman, Luhman and Busch, seconded by Commissioner Jones. Motion carried.

Mr. Spencer presented the Board with two proposals for the contract with Christopher B. Burke Engineering Limited.

- 1) A proposal for professional engineering services on a varied rate depending on specified standard charges.
- 2) a proposal for professional engineering services on a fixed rate of \$50.00 per hour.

Commissioner Gentry asked for a report on the number of engineering review hours in 1995 for all the projects submitted in 1995. The discussion of which contract to be used will be continued at the February meeting.

Commissioner Haan moved to extend the 1995 contract with Christopher B. Burke Engineering Limited for one month into 1996, seconded by Commissioner Jones. Motion carried.

Commissioner Haan moved to reappoint Shelli Muller as Drainage Board Secretary for 1996, seconded by Commissioner Jones. Motion carried.

1996 ACTIVE/INACTIVE DITCH LIST

Mr. Hoffman asked for the active and inactive ditches to be placed in the minutes.

Commissioner Haan moved to place the 1996 active/inactive ditch list the minutes, seconded by Commissioner Jones. Motion carried.

1996 - ACTIVE/INACTIVE DITCH LIST

ACTIVE

E.W. ANDREW, ANSON-DEPHINE, JULIUS BERLOWITZ, BEUTLER-GOSMA, ANDREW BROWN, TRAIN COE, COUNTY FARM, THOMAS ELLIS, FASSNACHT-CRIST, REBECCA GRIMES, HARRISON MEADOWS, EUGENE JOHNSON, JAMES KELLERMAN, AMANDA KIRKPATRICK, FRANK KIRKPATRICK, JAMES KIRKPATRICK, CALVIN LESLEY, MARY MCKINNEY, F.E. MORIN, KESTER MOTSINGER, J. KELLY O'NEAL, AUDLEY OSHIER, FRANKLIN RESER, SKINNER RAY, JOSEPH STERRETT, GUSTAV SWANSON, JACOB TAYLOR, JESSE DICKENS, DISMAL CREEK, SHAWNEE CREEK, SAMUEL ELLIOTT, JOHN HOFFMAN, BUCK CREEK, DARBY-WETHERHILL, ISSAC GOWEN, SAMUEL MARSH, EMMETT RAYMAN, WILSON-NIXON, SOPHIA BRUMM, H.W. MOORE, MARY THOMAS, ARBEGUST-YOUNG

INACTIVE

JOHN AMSTUZ, JESSE ANDERSON, DEMPSEY BAKER, BAKER VS NEWELL, NELLIE BALL, MICHAEL BINDER, JOHN BLICKENSTAFF, NATHANIEL BOX, ALFRED BURKHALTER, ORIN BYERS, FLOYD COE, GRANT COLE, JESSE CRIPE, CHARLES DAUGHERTY, FANNIE DEVAULT, MARION DUNKIN, MARTIN ERVIN, ELIJAH FUGATE, MARTIN GRAY, FRED HAFNER, E.F. HAYWOOD, THOMAS HAYWOOD, GEORGE INSKEEP, LEWIS JAKES, FLOYD KERSCHNER, JOHN KUHN, JOHN MCCOY, JOHN MCFARLAND, WESLEY MAHIN, ABSOLEM MILLER, ANN MONTGOMERY, PARKER LANE, CALVIN PETER, PETER RETTERETH, ARTHUR RICHERD, ALEXANDER ROSS, JAMES SHEPHERDSON, JOHN SALZMAN, ABE SMITH, MARY SOUTHWORTH, WILLIAM STEWART, ALONZO TAYLOR, JOHN TOOHEY, JOHN VANNATTA, HARRISON WALLACE, SUSSANA WALTERS, WILLIAM WALTERS, WAPLES-MCDILL, LENA WILDER, J&J WILSON, SIMEON YEAGER, FRANKLIN YOE, JENKINS, KIRKPATRICK ONE, MCLAUGHLIN, JOHN HOFFMAN

Commissioner Gentry mentioned the ditches that are in red:

COUNTY FARM, REBECCA GRIMES, FRANKLIN RESER, GUSTAV SWANSON

Mr. Spencer read a letter he received from Betty J. Michael.

"December 29, 1995

Nola J. Gentry, President  
Board of Commissioners

Michael J. Spencer  
County Surveyor

Re: Interest on Drainage Funds

At the Fall County Auditor's Conference held by the State Board of Accounts, a session was held concerning drainage ditches, charges, billings, investments, interest, etc.

The County Board of Accounts supervisors instructed the Auditors and personnel concerning the above issues. We were informed that most Counties put interest earned on Drainage funds into the County General Fund since County general pays for expenses such as tax bills, Surveyor and Drainage Board Budgets.

An alternative in some cases is to credit this interest to the County Drain Fund (unapportioned). When we inquired about the feasibility of apportioning the monthly interest into more than 100 separate drainage funds, the answer was a dead silence of incredibility that this was being done.

We have double-checked this information with District Board of Accounts personnel and have been told that there is nothing in the statutes that mandates interest should go into each Drain fund or even into the County General Drain Fund.

Therefore, as of January 1, 1996, we will be willing to allocate the monthly interest to either the General Drain Fund or to the County General Fund but NOT to each individual Drain account. Please let me know your preference.

Sincerely,

Betty J. Michael"

Mr. Hoffman stated the ditches are trust funds and the landowners in the watershed areas know the ditches are earning interest, it would not be appropriate to discontinue the investment.

Commissioner Haan moved to direct Mr. Hoffman to write a letter stating per the agreement that was made when the ditches were established the interest was to be allocated, but the Board is willing to distribute the interest on a semimonthly bases to coincide with the spring & fall settlements, seconded by Commissioner Jones. Motion carried.

Commissioner Haan moved to approve the 1996 Drainage Board schedule, seconded by Commissioner Jones. Motion carried.

#### APPROVAL OF MINUTES

Commissioner Haan moved to approve the minutes from the December 6, 1995 Drainage Board meeting, seconded by Commissioner Jones. Motion carried.

#### BRENTWOOD COMMUNITY

Mr. Spencer stated Brentwood Manufacture Home Community is located off US52 West, South of the Elk's Country Club. They asked for preliminary drainage approval, which he recommended as long as the IDNR approved the construction within a floodway. There are approximately 280 lots on 60 acres with a dry bottom retention pond.

Mr. Spencer explained the retention pond does not comply with the Ordinance therefore the developer is asking for a variance. The Ordinance requires a 48 hour discharge time, the plans actual peak discharge is closer to 75 hours.

Commissioner Haan moved to grant preliminary approval to Brentwood Community contingent on the approval of construction in a floodway from IDNR, revised calculations and the request for the variance to the Ordinance, seconded by Commissioner Jones. Motion carried.

#### SOUTHERN MEADOWS

Mr. Spencer recommended granting Southern Meadows Subdivision final approval. The development is located at the corner of South 18th Street and 350 South within the City of Lafayette. Mr. Spencer explained the development needs approval from the County Drainage Board because it drains to the Elliott Ditch. At the Urban review meetings it was determined any development below the railroad tracks draining into Elliott Ditch would be allowed to direct release into the Ditch without onsite detention. The development includes a water amenity onsite, which water will flow into and out, but is not being planned as a detention pond and does not comply with the requirements of the Ordinance. Mr. Spencer had a question as to whether or not the pond would have to comply with the requirements of the Ordinance.

Mr. Hoffman stated the pond would not have to meet the Ordinance requirements as long as it does not affect the drainage.

Mr. Spencer explained the site drains to the pond.

Commissioner Haan stated if the majority of the site drains to the pond it is a retention pond and should meet the requirements of the Ordinance.

Ron Miller, Schneider Engineering, stated the current discharge in a one hour storm duration to Elliott is 2.7 hours. With the installation of a 42 inch pipe draining from the water amenity discharge into the Elliott in a one hour storm will be a little over an hour.

Commissioner Haan moved to grant final approval of Southern Meadows Subdivision with the condition the pond meets the Drainage Board Ordinance requirement for a non-fenced pond, seconded Commissioner Jones. Motion carried.

#### VILLAGE PANTRY #564R

Mr. Spencer introduced Village Pantry #564R, which is located at the corner of Brady and Concord, East of the existing Village Pantry. Weihe Engineering submitted final drainage plans and after the review it was recommended to grant final approval with the variance of a 12 inch pipe to a 10 inch concrete pipe for the outfall of the proposed detention area in order to limit the discharge.

Commissioner Haan moved to grant the variance of the Ordinance from a 12 inch required pipe to a 10 inch proposed pipe, seconded by Commissioner Jones. Motion carried.

Commissioner Haan moved to grant final approval of Village Pantry #564R, seconded by Commissioner Jones. Motion carried.

#### PETITION TO ESTABLISH O'FERRALL LEGAL DRAIN

Mr. Hoffman excused himself from the meeting 9:45 a.m.

Mr. Spencer asked the Board to acknowledge the petition to establish the O'Ferrall Legal Drain, branch of the Alexander Ross Ditch as a valid petition.

Commissioner Haan moved to acknowledge the petition as a valid petition to establish the O'Ferrall Legal Drain, branch of the Alexander Ross Ditch and the petition represents over 10 percent of the effect landowners, seconded by Commissioner Jones. Motion carried.

Mr. Hoffman returned to the meeting at 9:57 a.m.

#### ALEXANDER ROSS DITCH EASEMENT REDUCTION

Mr. Spencer explained on the Meijer site two branches of the Alexander Ross Ditch were described, one on the Southeast corner of the site and the other along the West side of the site. After the construction of the site it was discovered the pipe described along the West side of the site is not actually on the Meijer site. Meijer is asking the description of the pipe on the West side be corrected and the easement on the Southeast corner be reduced from 75 feet to 25 feet center of the pipe either side.

Mr. Hoffman stated Mr. Spencer will have to define the easement as only being on the Southeast corner of the site and redefine the easement on the West side of the property.

Commissioner Haan moved to reduce the easement of the Alexander Ross Ditch located at the Southeast corner of the Meijer site from 75 feet to 25 feet either side of the center of the pipe, seconded by Commissioner Jones. Motion carried.

Commissioner Haan moved to direct Mr. Spencer to correct the Survey maps to show the actual location of the Alexander Ross Ditch and document that the ditch does not run through the West side of the Meijer property, seconded by Commissioner Jones. Motion carried.

Commissioner Gentry asked Mr. Spencer to do a field check on the erosion of the Alexander Ross Ditch bank behind Meadowbrook Subdivision.

#### SANWIN APARTMENTS

Bob Grove presented the Board with Sanwin Apartments drainage plan and asked for preliminary approval. Located North of US52 West and East of County Road 250 West, the site consist of 3.11 acres and is planned to include a multi-family development with 63 units and a commercial area along the highway. After review from Christopher B. Burke Engineering consultant a revised preliminary plan was submitted addressing the concerns of the memo. The majority of the site, in the

revised plan, drains to the Northeast and Ken Baldwin will provide a 20 foot easement for a 12 inch outlet pipe that runs from the Northeast corner of the site to the existing McClure Ditch.

Commissioner Haan moved to grant preliminary approval of Sanwin Apartments, seconded by Commissioner Jones. Motion carried.

Cuppy-McClure - update

Mr. Spencer stated the notices for the hearing to be held February 7, 1996 on the reconstruction of the Cuppy-McClure Drain were sent January 2, 1996.

Mr. Spencer stated RUST Environmental & Infrastructure has submitted several proposals for construction inspection.

Commissioner Gentry suggested Mr. Spencer get other bids for the construction inspection or consider in-house inspections.

Being no further business Commissioner Haan moved to adjourn until February 7, 1996, seconded by Commissioner Jones. Meeting adjourned.

DRAINAGE BOARD MINUTES      JANUARY 3, 1996 REGULAR MEETING

TIPPECANOE COUNTY DRAINAGE BOARD  
 REGULAR MEETING  
 FEBRUARY 5, 1997

The Tippecanoe County Drainage Board met Wednesday February 5, 1997 in the Tippecanoe Room of the Tippecanoe County Office Building, Lafayette, Indiana with Commissioner Hudson calling the meeting to order.

Those present: Tippecanoe County Commissioners Kathleen Hudson and Gene Jones, Tippecanoe County Surveyor Michael J. Spencer, Tippecanoe County Drainage Board Attorney Cy Gerde, Engineering Consultant David Eichelberger, and Drainage Board Secretary Shelli Muller.

Commissioner Hudson stated Commissioner Chase resigned Monday February 3, 1997 which created a vacancy in the position of Vice President to the Drainage Board. She nominated Commissioner Jones to fill the vacancy, seconded by Commissioner Jones. Motion carried to elect Commissioner Jones as Drainage Board Vice President.

The first item on the agenda was to approve the minutes from the meeting held December 11, 1996. Commissioner Jones moved to approve the minutes, seconded by Commissioner Hudson. Motion carried.

Commissioner Jones moved to approve the minutes of the last meeting held January 8, 1997, seconded by Commissioner Hudson. Motion carried.

Mr. Gerde asked for the active and inactive ditch list to be placed in the minutes and a motion be made to approve the list.

ACTIVE DITCH LIST 1997

DITCH NO	DITCH	PRICE PER ACRE	TOTAL 4 YEAR ASSESSMENT	1996 YEAR END BALANCE
4	Anson, Delphine	\$1.00	\$5,122.56	\$2,677.72
8	Berlovitz, Juluis	\$1.25	\$8,537.44	(\$2,933.43)
13	Brown, A P	\$1.00	\$8,094.24	\$7,921.94
14	Buck Creek	\$0.00		\$1,385.55
15	Burkhalter, Alfred	\$1.50	\$5,482.96	\$4,129.61
18	Coe, Train	\$0.50	\$3,338.56	\$1,306.84
20	County Farm	\$1.00	\$1,012.00	(\$381.25)
25	Dunkin, Marion	\$1.50	\$9,536.08	\$9,285.65
26	Darby, Wetherill	\$1.50		\$1,106.43
27	Ellis, Thomas	\$1.00	\$1,642.40	\$1,483.50
29	Fassnacht, Christ	\$0.75	\$2,350.56	\$2,124.49
31	Gowen, Issac	\$0.00		\$101.76
33	Grimes, Rebecca	\$3.00	\$3,363.52	(\$10,770.77)
35	Haywood, E.F.	\$0.50	\$7,348.96	\$1,283.61
37	Harrison, Meadows	\$1.00	\$1,532.56	\$463.71
41	Johnson, E. Eugene	\$3.00	\$10,745.28	\$8,137.10
42	Kellerman, James	\$0.50	\$1,043.52	\$693.98
43	Kerschner, Floyd	\$1.00	\$1,844.20	(\$2,254.41)
44	Kirkpatrick, Amanda	\$1.00	\$2,677.36	\$781.97
45	Kirkpatrick, Frank	\$1.00	\$4,226.80	(\$7,821.61)
48	Lesley, Calvin	\$1.00	\$3,787.76	\$2,440.88
51	McFarland, John	\$0.50	\$7,649.12	\$7,160.70

54	Marsh, Samuel		\$0.00		\$0.00
55	Miller, Absalm		\$0.75	\$3,236.00	\$2,221.92
57	Morin, F.E.	\$1.00	\$1,434.72	(\$1,130.43)	
58	Motsinger, Hester	\$0.75	\$2,000.00	(\$348.42)	
59	O'Neal, J. Kelly	\$1.50	\$13,848.00	(\$1,975.03)	
60	Oshier, Aduley		\$0.50	\$1,624.88	\$1,048.80
64	Rayman, Emmett	\$0.00			\$326.57
65	Resor, Franklin	\$1.00	\$3,407.60	(\$2,025.96)	
74	Sterrett, Joseph	\$0.35	\$478.32		\$276.65
76	Swanson, Gustav	\$1.00	\$4,965.28		\$1,351.62
82	Wallace, Harrison		\$0.75	\$5,501.76	\$5,408.79
84	Walters, William	\$0.00	\$8,361.52		\$7,999.20
87	Wilson, Nixon		\$1.00		\$158.62
89	Yeager, Simeon		\$1.00	\$615.36	(\$523.86)
91	Dickens, Jesse		\$0.30	\$288.00	\$206.26
93	Dismal Creek		\$1.00	\$25,420.16	\$8,652.86
<b>94</b>	<b>Shawnee Creek</b>		<b>\$1.00</b>	<b>\$6,639.28</b>	<b>\$3,411.51</b>
95	Buetler/Gosma		\$1.10	\$19,002.24	\$9,981.77
100	S.W.Elliott	\$0.75	\$227,772.24	\$174,474.74	
102	Brum, Sarah		\$1.00		
103	H W Moore Lateral				
104	Hadley Lake Drain	\$0.00			\$38,550.17
105	Thomas, Mary		\$0.00		
106	Arbegust-Young	\$0.00			
108	High Gap Road	\$13.72			0.00
109	Romney Stock Farm	\$12.13			0.00

INACTIVE DITCH LIST 1997

	DITCH	PRICE	TOTAL	1996
	PER ACRE	ASSESSMENT	4 YEAR	YEAR END
			BALANCE	
AA				
1	Amstutz, John	\$3.00	\$5,008.00	\$5,709.97
2	Anderson, Jesse	\$1.00	\$15,793.76	\$21,291.57
3	Andrews, E.W.	\$2.50	\$2,566.80	\$2,847.14
5	Baker, Dempsey	\$1.00	\$2,374.24	\$3,270.71
6	Baker, Newell	\$1.00	\$717.52	\$2,343.45
7	Ball, Nellie	\$1.00	\$1,329.12	\$2,414.08
10	Binder, Michael	\$1.00	\$4,388.96	\$5,244.63
11	Blickenstaff, John	\$1.00	\$7,092.80	\$8,094.49
12	Box, NW	\$0.75	\$11,650.24	\$15,935.84
16	Byers, Orrin	\$0.75	\$5,258.88	\$5,266.89
17	Coe, Floyd	\$1.75	\$13,617.84	\$19,495.56
19	Cole, Grant	\$1.00	\$4,113.92	\$9,688.52
21	Cripe, Jesse	\$0.50	\$911.28	\$1,810.25
22	Daughtery, Charles	\$1.00	\$1,883.12	\$2,662.08

23	Devault, Fannie	\$1.00	\$3,766.80	\$8,650.12
28	Erwin, Martin V	\$1.00	\$656.72	\$1,273.19
30	Fugate, Elijah		\$1.00 \$3,543.52	\$6,272.90
32	Gray, Martin		\$1.00 \$6,015.52	\$7,478.52
34	Hafner, Fred		\$1.00 \$1,263.44	\$1,336.75
36	Haywood, Thomas	\$1.00	\$2,133.12	\$3,253.45
39	Inskeep, George	\$1.00	\$3,123.84	\$8,267.68
40	Jakes, Lewis		\$1.00 \$5,164.24	\$6,039.76
46	Kirkpatrick, James		\$1.00 \$16,637.76	\$21,244.63
47	Kuhns, John A		\$0.75 \$1,226.96	\$1,467.00
50	McCoy, John	\$1.00	\$2,194.72	\$3,009.24
52	McKinny, Mary		\$1.00 \$4,287.52	\$4,326.98
53	Mahin, Wesley		\$3.00 \$3,467.68	\$4,346.05
56	Montgomery, Ann	\$1.00	\$4,614.56	\$4,717.40
61	Parker, Lane		\$1.00 \$2,141.44	\$3,658.56
63	Peters, Calvin		\$1.00 \$828.00	\$2,704.13
66	Rettereth, Peter	\$0.75	\$1,120.32	\$1,511.11
67	Rickerd, Aurthur	\$3.00	\$1,064.80	\$1,281.00
68	Ross, Alexander	\$0.75	\$1,791.68	\$4,348.39
69	Sheperdson, James	\$0.75	\$1,536.72	\$4,194.37
70	Saltzman, John		\$2.00 \$5,740.96	\$6,867.50
71	Skinner, Ray		\$1.00 \$2,713.60	\$2,961.68
72	Smith, Abe	\$1.00	\$1,277.52	\$1,595.63
73	Southworth, Mary	\$0.30	\$558.08	\$677.23
75	Stewart, William	\$1.00	\$765.76	\$1,046.47
77	Taylor, Alonzo		\$1.00 \$1,466.96	\$4,006.46
78	Taylor, Jacob		\$0.75 \$4,616.08	\$5,066.61
79	Toohy, John		\$1.00 \$542.40	\$1,207.75
81	VanNatta, John		\$0.35 \$1,338.16	\$3,089.01
83	Walters, Sussana	\$0.75	\$972.24	\$2,395.01
85	Waples, McDill		\$1.00 \$5,478.08	\$9,781.97
86	Wilder, Lena		\$1.00 \$3,365.60	\$5,718.48
88	Wilson, J & J		\$0.50 \$736.96	\$6,552.77
90	Yoe, Franklin		\$1.00 \$1,605.44	\$2,916.35
92	Jenkins		\$1.00 \$1,689.24	\$3,014.50
96	Kirkpatrick One	\$0.00	\$6,832.16	\$13,956.64
97	McLaughlin, John	\$0.00	\$0.00	\$0.00
101	Hoffman, John		\$1.00 \$72,105.03	\$3,502.62

Commissioner Jones moved to approve the active and inactive ditches for 1997, seconded by Commissioner Hudson. Motion carried.

#### 1997 CONTRACTS

##### ENGINEERING CONTRACT

Mr. Gerde stated he commends the contract written for Christopher B. Burke Engineering, Limited, but some verbiage was changed to better protect the County's interest.

Mr. Eichelberger stated the changes will be made and the contract ready for signature at the March meeting.

##### ATTORNEY CONTRACT

Mr. Gerde stated the contract for Drainage Board Attorney is ready for approval and the signature of the Drainage Board. The contract is the same format as Mr. Hoffman's contract with a few changes; date, name and hourly rate changed to \$140.00 per hour also, the last paragraph was added to the contract.

Commissioner Hudson read the paragraph that was added:

"All parties hereto agree not to discriminate against any employee or applicant for employment with respect to his hire tenure, terms, conditions or privileges of employment or any matter directly or indirectly related to employment, because of his race, religion, color, sex, disability, handicap, national origin or ancestry. Breach of this convenient may be regarded as a material breach of the contract."

Commissioner Jones moved to approve the contract for Drainage Board Attorney, seconded by Commissioner Hudson. Motion carried. The entire contract is on file in the County Surveyor's Office.

#### **JAMES N. KIRKPATRICK DITCH**

Mr. Spencer asked that the **James N. Kirkpatrick Ditch** proposal discussion be continued until the March meeting allowing time to fill the vacancy of the third Drainage Board member.

Commissioner Hudson moved to continue the discussion of the James N. Kirkpatrick Ditch proposals until the March Drainage Board Meeting, seconded by Commissioner Jones. Motion carried

#### **OBSTRUCTION OF DRAINS**

Mr. Spencer referred to the following "PETITION TO TIPPECANOE COUNTY DRAINAGE BOARD TO REMOVE OBSTRUCTION IN MUTUAL DRAIN OF MUTUAL SURFACE WATERCOURSE" the "DRAINAGE BOARDS POWER EXTENDED TO PRIVATE DRAINS" article in "Indiana Prairie Farmer" and Indiana Code amendment act No. 1277. All of these documents are on file in the County Surveyor's Office. Mr. Spencer wanted the Commissioners to be aware of and have a discussion on this issue. Mr. Spencer felt this law was to protect against man-made obstructions and asked Mr. Gerde to examine the possibility of the law including natural obstructions.

Mr. Gerde gave an example of where this law could be taken into effect. The first being on North 9th Street Road, north of Burnetts Road, the current condition causes water to travel across the road producing a hazardous condition. The reason for the water across the road is due to drainage problems outside the County Road Right-of-Way.

Mr. Steve Murray, Executive Director, Tippecanoe County Highway Department, stated another persistent problem is 200 South, east of the South fork of the Wildcat Creek. Mr. Murray explained no actual source of funding is available to work on obstruction of drains which do not have a maintenance fund. Mr. Murray asked the Drainage Board to consider creating a fund which would help the Surveyor's Office and the Highway Department to determine what action could be taken. Mr. Murray stated when a problem becomes severe enough the County Highway Department will clean out an obstruction that is off county road right-of-way to protect the road way, but the funds used for the clean-up are funds that could be used elsewhere.

Commissioner Jones stated Steve Wettschurack told him that FEMA was going to help out with the situation on North 9th Street.

Mr. Murray pointed out with the older residential subdivision the storm water system were allowed to outlet into privately owned ravines, there is no funding available to help with maintenance on these situations. If the storm water system becomes plugged or breaks down causing the streets to flood the County Highway Department has repaired the problem, using funds that were not intended for that type of repair.

Mr. Gerde's understanding is that in the majority of those situation the County does not have an easement, which cause a legal problem for the County.

Mr. Spencer stated in all cases where the County has worked out side the easement a complaint was filed therefore the landowners are willing to grant entry onto their land.

#### MARCH DRAINAGE BOARD MEETING DATE

Mr. Spencer explained the March 1997 Drainage Board meeting date needs to be changed, if possible. Mr. Gerde is going to be out of town on the scheduled meeting date of March 5, 1997.

Discussion of the next Drainage Board Meeting, after an agreed date and time, Commissioner Hudson stated the next Drainage Board meeting will be Tuesday, March 11, 1997 at 9:00 a.m.

Being no further business Commissioner Hudson moved to adjourn until Tuesday, March 11, 1997 at 9:00 a.m., seconded by Commissioner Jones. Meeting adjourned.

# TIPPECANOE COUNTY DRAINAGE BOARD

February 4, 1998

regular meeting

## **Those present were:**

Tippecanoe County Commissioners Ruth Shedd, and John Knochel, County Surveyor Mike Spencer, Drainage Board Attorney Dave Luhman, Drainage Board Engineering Consultant Dave Eichelberger and Drainage Board Secretary Shelli Muller.

The Tippecanoe County Drainage Board met Wednesday, February 4, 1998, in the Tippecanoe Room of the Tippecanoe County Office Building, 20 North 3<sup>rd</sup> Street, Lafayette, Indiana with Commissioner Shedd calling the meeting to order.

The first item on the agenda was to approve the minutes from the October 15, 1997 and December 19, 1997 regular Drainage Board meetings. Commissioner Knochel moved to approve the minutes, seconded by Commissioner Shedd. Minutes Approved.

## **MIKE MADRID COMPANY**

Bob Gross, and Craig Rodarmel of R.W. Gross and Associates, presented the Board with final drainage plans of Mike Madrid Company, located west of I-65, in the northeast portion of the intersection of Swisher Road and the Rail Road. Mr. Gross explained at the south end of the site an existing 15 inch culvert under Swisher Road is the outlet. In the post-developed condition the same 15 inch pipe will be used for the outlet of the site with two sub basin. The sub basin at the north and east sides of the site will outlet into a 12 inch pipe under the driveway and then flow into the 15 inch outlet pipe under Swisher Road. The second sub basin will be at the south end of the site and outlet through a 12 inch pipe with a 4.25 inch diameter orifice on the end to restrict the flow before outletting into the 15 inch pipe under Swisher Road. Mr. Gross explained neither of the two basins will be very deep, but they will be spread over a large area.

Mr. Spencer stated he recommends final approval with the condition the applicant receives approval from the County Highway Department for use of the road right-of-way as site detention.

Commissioner Shedd asked where the emergency overflow will go and who owns the property the overflow will go on?

Mr. Gross stated Mike Madrid Company owns the property for the proposed emergency overflow.

Commissioner Knochel moved to grant final approval of the Mike Madrid Company drainage plan with the condition the applicant receives approval from the County Highway Department, seconded by Commissioner Shedd. Motion carried.

## **DRAINAGE BOARD 1998 CONTRACTS**

### **Attorney**

Mr. Spencer presented the Board with a 1998 contract from Hoffman, Luhman and Busch Law Firm for their services to the Tippecanoe County Drainage Board.

Commissioner Knochel moved to approve the 1998 contract with Hoffman, Luhman and Busch Law Firm, seconded by Commissioner Shedd. Motion carried.

**Engineering Consultant**

Mr. Luhman presented the Board with a 1998 contract from Christopher B. Burke Engineering, LTD. for engineering consultant services for the Tippecanoe County Drainage Board.

Mr. Luhman suggested continuing the 1998 contract with Christopher B. Burke Engineering, Ltd. until some language is included, which is in the agreement from January 3, 1995 contract. Christopher B. Burke Engineering, Ltd. could copy the 1995 contract and update it to include the current rates.

Commissioner Knochel moved to continue the 1998 engineering consultant contract with Christopher B. Burke until the March 4, 1998 Drainage Board Meeting, seconded by Commissioner Shedd. Motion carried.

**1998 ACTIVE AND INACTIVE DITCH LIST**

Mr. Luhman read the 1998 active and inactive ditch list.

**ACTIVE DITCH LIST**

- 4. Delphine Anson    8. Julius Berlovitz    10. Michael Binder    14. Buck Creek
- 16. Orrin Byers    18. Train Coe    20. County Farm    26. Darby Wetherill
- 31. Issac Gowen    33. Rebecca Grimes    34. Fred Hafner    35. E.F. Haywood
- 37. Harrison Meadows    41. Eugene Johnson    42. James Kellerman    43. Floyd Kerschner
- 44. Amanda Kirkpatrick    45. Frank Kirkpatrick    47. John Kuhns    48. Calvin Lesley
- 52. Mary Mckinney    54. Samuel Marsh    55. Absalm Miller    57. F.E. Morin
- 58. Hester Motsinger    59. J. Kelly O’Neal    60. Audley Oshier    64. Rayman Emmett
- 65. Franklin Reser    67. Aurthur Rickerd    71. Skinner Ray    74. Joseph Sterrett
- 76. Gustav Swanson    78. Jacob Taylor    87. Wilson Nixon    89. Simeon Yeager
- 91. Jesse Dickens    93. Dismal Creek    **94. Shawnee Creek**    101. John Hoffman
- 102. Sophia Brumm    103. H.W. Moore    105. Mary Thomas    106. Arbegust Young
- 108. High Gap Road    109. Romney Stock Farm

**INACTIVE DITCH LIST**

- 1. John Amstutz    2. Jesse Anderson    3. E.W. Andrew    5. Dempsey Baker
- 6. Newell Baker    7. Nellie Ball    11. John Blickenstaff    12. N.W. Box
- 13. A.P. Brown    15. Alfred Burkhalter    17. Floyd Coe    19. Grant Cole
- 21. Jesse Cripe    22. Charles Daughtery    23. Fannie Devault    25. Marion Dunkin
- 27. Thomas Ellis    28. Martin Erwin    29. Crist-Fassnacht    30. Elijah Fugate
- 32. Martin Gray    36. Thomas Haywood    39. George Inskeep    40. Lewis Jakes
- 46. J.N. Kirkpatrick    50. John McCoy    51. John McFarland    53. Wesley Mahin
- 56. Ann Montgomery    61. Parker Lane    63. Calvin Peters    66. Peter Rettereth
- 68. Alexander Ross    69. James Sheperdson    70. John Saltzman    72. Abe Smith
- 73. Mary Southworth    75. William Stewart    77. Alonzo Taylor    79. John Toohey
- 81. John VanNatta    82. Harrison Wallace    83. Sussana Walters    84. William Walters
- 85. Waples McDill    86. Lena Wilder    88. J & J Wilson    90. Franklin Yoe
- 92. Jenkins    95. Beutler-Gosma    96. Kirkpatrick One    100. S.W. Elliott

Commissioner Knochel moved to approve the 1998 ditch assessment list, seconded by Commissioner Shedd. Motion carried.

**OTHER BUSINESS**

Mr. Spencer brought to the Board's attention a public notice from the Corp. of Engineers regarding the proposed wetland constructed above a county regulated tile drainage system the **John McCoy Ditch** located south of Wea School along County Road 200 East. Mr. Spencer explained there have been some concern from the property owners in the watershed area with what the Corp. has proposed. Mr. Spencer asked the Board if the County should have an informational meeting regarding the wetland?

Commissioner Knochel moved to have an information meeting with all the effected landowner in the area of the proposed wetland, seconded by Commissioner Shedd. Motion carried.

Mr. Spencer asked if the 30 day requirement for a public notice would be in affect with this meeting only being an informational meeting?

Mr. Luhman stated no, not for an informational meeting because it is not being reconstruted, the assessment is not going to change and there is not going to be any legal affect on the landowners.

**MINUTE BOOK**

Mr. Luhman explained that there was a question as to whether or not a ledger size minute book was required to be used, if not, than could the minute book be changed to a letter or legal size. Mr. Luhman stated he could not find any statue where a ledger size book had to be used.

Commissioner Shedd granted approval to change the size of the minute book from ledger to letter, beginning with the 1998 Drainage Board minutes.

Being no further business, Commissioner Knochel moved to adjourn until March 4, 1998, seconded by Commissioner Shedd. Meeting adjourned.

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Ruth Shedd, President

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Shelli Muller, Secretary

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Kathleen Hudson, Vice President

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John Knochel, Member



# TIPPECANOE COUNTY DRAINAGE BOARD

February 3, 1999

Regular Meeting

**Those present were:**

Tippecanoe County Commissioners Ruth Shedd and John Knochel, County Surveyor Mike Spencer, Drainage Board Attorney Dave Luhman, Drainage Board Engineering Consultant Dave Eichelberger and Drainage Board Secretary Shelli Muller.

The Tippecanoe County Drainage Board met Wednesday, February 3, 1999, in the Tippecanoe Room of the Tippecanoe County Office Building, 20 North 3<sup>rd</sup> Street, Lafayette, Indiana with Commissioner Shedd calling the meeting to order.

The first item on the agenda is to approve the 1999 Active and Inactive Ditch Assessment List. Mr. Luhman read the list.

ACTIVE

Delphine Anson Brown	Julius Berlowitz	Michael Binder	A.P.
Buck Creek Wetherhill	Train Coe	County Farm	Darby
Christ Fassnacht Hafner	Issac Gowen	Rebecca Grimes	Fred
E.F. Haywood Kirkpatrick	Harrison Meadows	Floyd Kerschner	Amanda
Frank Kirkpatrick McKinny	Calvin Lesley	John McFarland	Mary
Samuel Marsh Aduley Oshier Rickerd	F.E. Morin Emmett Rayman	Hester Motsinger Franklin Reser	J.Kelly O'Neal Aurthur
Joseph Sterrett Walters	Gustav Swanson	Jacob Taylor	William
Wilson Nixon Creek	Simeon Yeager	Jesse Dickens	Dismal
Kirkpatrick One Lateral	John Hoffman	Sophia Brum	HW Moore
Mary Thomas	Arbegust-Young	Jesse Anderson	

INACTIVE

John Amstutz	James Shepardson	E.W. Andrew	
Dempsey Baker			
Newell Baker	Nellie Ball	John Blickenstaff	NW Box
Alfred Burkhalter	Orrin Byers	Floyd Coe	Grant
Cole			
Jesse Cripe	Charles Daughtery	Frannie Devault	Marion
Dunkin			
Thomas Ellis	Martin Erwin	Elijah Fugate	Martin
Gray			
Thomas Haywood Johnson	George Inskeep	Lewis Jakes	Eugene
James Kellerman	James Kirkpatrick	John Kuhns	John
McCoy			
Wesley Mahin Lane	Absalm Miller	Ann Montgomery	Parker

Calvin Peters Saltzman Skinner Ray William Stewart	Peter Rettereth  Abe Smith	Alexander Ross  Mary Southworth	John
Alonzo Taylor Harrison Wallace Wilder J&J Wilson	John Toohey Sussane Walters  Franklin Yoe	John VanNatta McDill Waples  Jenkins	Lena
<b>Shawnee Creek</b>			
Buetler/Gosma Lake High Gap Rd	John McLaughlin  Romney Stock Farm	S.W. Elliott	Hadley

Commissioner Knochel moved to approve the list of Active and Inactive Ditch Assessment for the year 1999, seconded by Commissioner Shedd. Motion carried.

**WATKINS GLEN SUBDIVISION, PHASE 4, PART 3**

Tim Beyer of Vester and Associates, asked the Board for preliminary approval of Watkins Glen Subdivision, Phase 4, Part 3 located off County Road 400 East. The proposed subdivision consists of 9 lot on a 5 acre site. Mr. Beyer asked for a variance from the Drainage Ordinance that requires on-site detention. The majority of the proposed plan drains to an existing pipe and then to an existing detention facility for Watkins Glen South, Part V. The facility has the capacity to handle the additional runoff of Phase 4, Part 2.

Mr. Spencer recommended granting the variance for no on-site detention and preliminary approval of the drainage plan for Watkins Glen, Phase 4, Part 3.

Commissioner Knochel moved to grant preliminary approval of Watkins Glen, Phase 4, Part 3 and to grant the variance allowing no on-site detention, seconded by Commissioner Shedd. Motion carried.

**SEASONS FOUR SUBDIVISION, PHASE III**

Roger Fine, of John E. Fisher and Associates, asked the Board for approval of the outlet pipe for Seasons Four Subdivision, Phase III. The City of Lafayette requires the project to receive approval from the Tippecanoe County Drainage Board because of the outlet pipe into the **Elliott Ditch**. Mr. Fine informed the Board a DNR permit is pending for work in the floodway.

Mr. Spencer recommended approval of the outlet pipe, subject to the project receiving the DNR permit.

Commissioner Knochel moved to approve the outlet pipe into **the Elliott Ditch** for Seasons Four Subdivision, Phase III, subject to the approval of the DNR permit, seconded by Commissioner Shedd. Motion carried.

Being no further business, Commissioner Knochel moved to adjourn until March 3, 1999 at 10:00 a.m., seconded by Commissioner Shedd. Motion carried.

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Ruth Shedd, President

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Shelli Muller, Secretary

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Kathleen Hudson, Vice President

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John Knochel, Member

# TIPPECANOE COUNTY DRAINAGE BOARD

February 9, 2000

Regular Meeting

**Those present were:**

Tippecanoe County Commissioners Kathleen Hudson, John Knochel and Ruth Shedd, County Surveyor Stephen Murray, Drainage Board Attorney Dave Luhman, Drainage Board Engineering Consultant Dave Eichelberger and Drainage Board Secretary Doris Myers.

The Tippecanoe County Drainage Board met Wednesday, February 9, 2000, in the Tippecanoe Room of the Tippecanoe County Office Building, 20 North 3<sup>rd</sup> Street, Lafayette, Indiana with Commissioner Kathleen Hudson calling the meeting to order.

The first item on the agenda is to approve the minutes from the January 12, 2000, Regular Drainage Board Meeting and minutes from the January 21, 2000, Special Drainage Board Meeting. Commissioner Knochel moved to approve the minutes of January 12, 2000, Regular Drainage Board Meeting and January 21, 2000, Special Drainage Board Meeting, seconded by Commissioner Shedd. Motion carried.

Commissioner Hudson welcomed Stephen Murray, as new County Surveyor, to his first meeting with the Drainage Board.

**CROSSPOINTE APARTMENTS SUBDIVISION**

Wm. R. Davis with Hawkins Environmental gave presentation for Crosspointe Apartments Subdivision. This site is located east of Creasy Lane, south of Weston Woods Subdivision and east of the **Treعه Meadows Relief Drain**. The applicant proposes to construct apartments and associated parking. The stormwater management plan for this area was the subject of previous studies conducted as part of the Amelia Avenue extension over the **Treعه Meadows Relief Drain**. Two issues from C.B. Burke Engineering report to be discussed. First issue is ponding of waters on project. The parking lot plans were intended to pond 7" of water. Second issue concerning previously discharge channel that has been schematic approved for the drainage of this site. Their intention is to use this channel for draining this site. If not approved as is a modification can be brought before the board.

Commissioner Hudson asked Dave Eichelberger to explain about the wet bottom ponds.

Dave Eichelberger, Drainage Board Engineering Consultant, stated the previous stormwater management plan indicated that portions of this development would drain to proposed wet-bottom ponds prior to discharging to the **Treعه Meadows Relief Drain**. However, it does not appear these ponds are proposed as part of this subject development on their plans. Are these ponds already in place, are they going to be constructed as part of this project or are they going to have some interim outlet to the **Treعه Meadow Relief Drain** between now and then? If are wanting final approval may need to have condition that proposed ponds are constructed or proposed outlet is approved.

Steve Murray asked Wm. R. Davis what was their intent.

Wm R. Davis commented there is another project that has risen to this area. The project is not moving very rapidly. They want to get these projects temporarily constructed as did in schematic approval of wet-bottom channel as part of this project.

Commissioner Hudson asked if these outlets would be the ones carrying water over parking lot. Answer was no.

Commissioner Hudson asked what was going to be done about the water ponding over the parking lot area.

Steve Murray stated 7" water ponding over parking lot is allowable by ordinance. This is backwater from 100-year flood as composed to conventional ponding for storage in the lot.

Steve Murray asked if there was a duration limit.

Dave Eichelberger stated none that he is aware of.

Commissioner Knochel moved to grant final approval to Crossepoint Apartments Subdivision subject to the outlets being constructed as part of this project, seconded by Commissioner Shedd. Motion carried.

#### **WABASH NATIONAL SITE DETENTION**

Wm. R. Davis with Hawkins Environmental gave presentation for Wabash National Site Detention. This is a 340-acre site located north of C.R. 350 South, between Concord Road and U.S. 52. This is a schematic design for Wabash National and is the second time for reviewing this site. We are trying to come up with an overall plan for final development of Wabash National property. They are not placing structures, etc, but are determining the amount of improved surface they can have, what areas need to be stoned, types of drainage, etc. Currently there is a tile branch of **Elliott Ditch** traversing this property. At present a lot of water stands on this property. We are proposing how to move this water in a developed condition. Will be stoning parts of the property after constructing diversion ditches. Will be removing tile in the **Elliott Ditch** Branch and make open drain. The present detention pond is adequate for future use. Wm. R. Davis is asking for approval of schematic design for Wabash National Site Detention.

Dave Eichelberger suggests preliminary approval of the ditch network and final approval of the continued use of the existing detention pond.

Commissioner Knochel moved to grant preliminary approval of the ditch design for the Wabash National Site Detention and final approval for the drainage pond, seconded Commissioner Shedd. Motion carried.

#### **WILLIAMS COMMUNICATIONS – FIBER OPTIC CABLE**

Harold Elliott with Williams Communications gave presentation to install fiber optic cable communication system. This cable will stretch from Atlanta, Cincinnati, Indianapolis and through Chicago. Part of this system will go through a portion of Tippecanoe County. Have received permits for the road crossings. Had been working with Mike Spencer for permits on drainage ditches. They had sent a letter earlier, recommended by Mike Spencer, explaining what they were going to do. Mr. Elliott stated he thinks they should have a permit due to all the bonding, etc. Mr. Elliott's purpose for being here today is to go over project, find out for sure what they do want, and get bond, etc. ready for the next meeting.

Commissioner Hudson asked Mr. Elliott if he received Dave Luhman's letter.

Mr. Elliott's comment was yes. Mr. Elliott stated they have included what Mr. Luhman asked for. Mr. Elliott had a question on drawing for each ditch. Can they use what we use as a typical ditch crossing with it put to the ditch we are crossing? Instead of a complete profile of each ditch.

Dave Luhman asked if it would be similar to what is used on highways. If so, that would be adequate. Mr. Elliott commented yes. Williams Communications will furnish drainage board with a complete list of where line is as built.

Steve Murray stated he would like Mr. Elliott to give as much information possible to the contractor, so they can narrow down their area to start being aware that there may be a legal drain there.

Mr. Elliott commented there would be a crew out to survey each of the legal drains so contractor knows exactly where they start and will be. They are running a minimum of 42" below ground. Some of the survey work is being done now.

Steve Murray asked if they would trench or plow the lines.

Mr. Elliott stated the plan was to plow. When you go across ditches we know you can't plow. So we will be trenching these lines.

Steve Murray stated they would want the cable trenched not plowed. When you trench you can see turned up broken tiles. When you plow there is no visible evidence of broken tiles. May be 3 to 5 years before drain collapses and backs up. A lot of counties have gone too only allowing trenching now days as opposed to plowing.

Commissioner Knochel stated his concern was when turning up some private tiles who will repair. They want someone who is knowledgeable to do the field tile repair.

Mr. Elliott commented he had talked with Mike and would like for the drainage board to hire someone in our county to act as an inspector to find the legal drains and bill Williams Communications for that service.

Steve Murray commented his concern is finding an inspector. It doesn't matter if the drainage board hires or if Williams Communications hires. Stephen thinks it would be better if drainage board hired the inspector.

Mr. Elliott asked about a pay scale agreement. This can all be worked out when I come back for the next meeting.

Steve Murray asked what is your construction schedule.

Mr. Elliott stated this year, this spring. It depends on all the permits coming in and all the easements that are being required one way or the other.

Steve Murray felt comfortable with this if they are willing to work under the drainage board conditions.

Mr. Elliott suggested the \$5,000 bond might not be large enough. There is more potential damage than \$5,000.

Dave Luhman recommends \$25,000.00 bond. Wait on final draft at the March 1, 2000 meeting for details.

Mr. Elliott will return for the March 1, 2000, meeting with final draft and details.

## **2000 ACTIVE AND INACTIVE DITCH ASSESSMENTS**

Mr. Luhman read the 2000 active and inactive ditch list

### ACTIVE

Jesse Anderson	Delphine Anson	Julius Berlovitz	Michael Binder
A.P. Brown	Buck Creek	Orrin Byers	Train Coe
County Farm	Thomas Ellis	Christ Fassnacht	Issac Gowen
Rebecca Grimes	Fred Hafner	E.F. Haywood	Harrison Meadows
James Kellerman	Floyd Kerschner	Amanda Kirkpatrick	Frank Kirkpatrick
Calvin Lesley	John McFarland	Mary McKinny	Samuel Marsh
Ann Montgomery	F.E. Morin	Hester Motsinger	J. Kelly O'Neal
Aduley Oshier	Emmett Rayman	Franklin Resor	Aurthur Rickerd
Joseph C. Sterrett	Gustav Swanson	Nixon Wilson	Simeon Yeager
Jesse Dickens	Dismal Creek	<b>Shawnee Creek</b>	Kirkpatrick One
John Hoffman	Sarah Brum	HW Moore Lateral	Mary Thomas
Arbegust-Young	High Gap Road	Romney Stock Farm	Darby Wetherill Ext 2
Darby Wetherill Reconstruction			

INACTIVE

John Amstutz	E.W. Andrews	Dempsey Baker	Newell Baker
Nellie Ball	John Blickenstaff	NW Box	Alfred Burkhalter
Floyd Coe	Grant Cole	Jesse Cripe	Charles E. Daughtery
Fannie Devault	Marion Dunkin	Darby Wetherill	Martin V. Erwin
Elijah Fugate	Martin Gray	Thomas Haywood	George Inskip
Lewis Jakes	E.Eugene Johnson	James Kirkpatrick	John A. Kuhns
John McCoy	Wesley Mahin	Absalm Miller	Lane Parker
Calvin Peters	Peter Rettereth	Alexander Ross	James Sheperdson
John Saltzman	Ray Skinner	Abe Smith	Mary Southworth
William Stewart	Alonzo Taylor	Jacob Taylor	John Toohey
John VanNatta	Harrison B. Wallace	Sussana Walters	William Walters
McDill Waples	Lena Wilder	J & J Wilson	Franklin Yoe
Jenkins	Buetler/Gosma	S.W. Elliott	Hadley Lake Drain

Commissioner Knochel moved to approve the list of Active and Inactive Assessment for the year 2000, seconded by Commissioner Shedd. Motion carried.

**OTHER BUSINESS**

**PETITION FOR ENCROACHMENT ON UTILITY & DRAINAGE EASEMENT LOT 63, RED OAKS SUBDIVISION**

Steve Murray gave presentation of this petition for encroachment on utility & drainage easement Lot 63, Red Oaks Subdivision. The petition for encroachment reads as follows: The undersigned, John L. Maloney, who owns 609 Bur Oak Court, does hereby request permission of the Tippecanoe County Commissioners and the Tippecanoe County Drainage Board to encroach 25 feet into the utility and drainage easement at the rear side of their home on Lot 63, Red Oaks Subdivision, Wea Township, Tippecanoe County, Indiana, as shown on the diagram hereto attached and made a part of this petition. Diagram will be on file in surveyor's office. Stephen commented the real concern is the 25 feet encroachment will be too far down the bank and into the water level. This could be an obstruction if maintenance needs to be done to the bank for erosion purposes or pipe out fall. A 10-foot encroachment will bring to the top of bank. Stephen stated he would not recommend any more encroachment then to the top of the bank.

Commissioner Hudson asked if 10 foot would encroach into the utility and drainage easement.

Steve Murray commented without an actual survey tying the house to the lot lines we wouldn't know for sure. It would appear the 10-foot at the top of bank is roughly the easement line that they want to encroach into. If we do not grant requirement for encroachment they can not go any further than the top of bank.

Commissioner Hudson asked if Bill Augustin of Gunstra Builders was aware of this being on the agenda.

Steve Murray commented he had talked to Bill Augustin this week and thought he was aware of the agenda.

Commissioner Knochel asked if they wanted to build a deck and if it was already built.

Steve Murray answer was didn't believe so. Chris from surveyor's office had been out in the last month and took pictures. No deck was in the pictures.

Dave Luhman asked if they wanted to resubmit this petition for an amendment asking for a lower amount of encroachment. If the Drainage Board denies this petition they can resubmit another petition.

Commissioner Knochel moved to deny request for 25 foot encroachment on utility and drainage easement for Lot 63, Red Oaks Subdivision, Wea Township, Tippecanoe County, seconded by Commissioner Shedd. Motion carried.

**CHICAGO TITLE INSURANCE COMPANY**

Dave Luhman gave presentation regarding request of letter from Drainage Board to Chicago Title Insurance Company. The property is located at 3815 SR 38 E known as the **Kyger Bakery**. There has already been a dry closing on the sale. There are 2 buildings that come within the 75-foot easement. The Chicago Title Insurance Company in order to issue their title insurance need letter from Drainage Board acknowledging that buildings on this property were constructed prior to the requirement of the 1965 Drainage Act and are thus legally located structures and do not constitute illegal encroachments. Have tax records from Fairfield Township Assessors Office that show these structures were built in 1948. Dave Luhman presented Commissioner Hudson with letter on Drainage Board stationery for signature stating these structures were built prior to the requirements of the 1965 Drainage Act and are thus legally located structures and do not constitute illegal encroachments. Dave Luhman has reviewed this with Mr. Bumbleburg, who represents Kyger, and has his approval.

Commissioner Knochel moved president of Drainage Board to sign this letter stating the building were built before 1965 and do not constitute illegal encroachments, seconded by Commissioner Shedd. Motion carried.

Being no further business Commissioner Knochel moved to adjourn meeting, seconded by Commissioner Shedd. Meeting adjourned.

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Kathleen Hudson, President

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Doris Myers, Secretary

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John Knochel, Vice President

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Ruth Shedd, Member

**Tippecanoe County Drainage Board**  
**Minutes**  
**February 2, 2005**  
**Regular Meeting**

**Those present were:**

Tippecanoe County Drainage Board President Ruth Shedd, Vice President John Knochel, member KD Benson, County Surveyor Steve Murray, Drainage Board Attorney Dave Luhman, Drainage Board Engineering Consultant Dave Eichelberger from Christopher B. Burke Engineering Limited, County Highway Engineer Tim Wells, and Drainage Board Secretary Brenda Garrison. GIS Technician Shelli Muller was absent.

**Approval of January 5, 2005 Minutes**

John Knochel stated the January 5, 2005 minutes reflected his attendance. As he was absent for that meeting, he made a motion to approve the minutes with a correction indicating his absence. KD seconded the motion and the January 5, 2005 Drainage Board Regular minutes were approved with the correction as stated.

**Comprehensive Stormwater Management Ordinance**

Steve Murray updated the Board regarding compliance with the Federal Clean Water Act through Rule 13 and Rule 5 in Indiana. Part C was to be filed November 4, 2004. However an extension was requested and IDEM (Indiana Department of Environmental Management) granted an additional ninety days. February 4, 2005 was the extended deadline. IDEM granted an additional thirty-day extension. The filing deadline of Part C was now March 4, 2005. The following entities were on track to adopt and pass the Comprehensive Stormwater Management Ordinance in accordance with the federal guidelines; Lafayette, West Lafayette, Dayton and Battleground, as well as Tippecanoe County. Cost sharing was utilized between the entities.

The ordinance was patterned off of the existing Stormwater Ordinance, which addressed stormwater quantity. Provisions were added to address stormwater quality, and the various control measures as required by the aforementioned rules. A steering committee, project team and subcommittee reviewed technical standards. The Surveyor stated a majority of the local engineering companies were included in this process. Implementation of the federal guidelines had been a two to three - year process. The Drainage Board Attorney and Surveyor reviewed the ordinance and made appropriate corrections. The Surveyor stated he felt the ordinance was a good product for the community.

Pat Jarboe approached the Board and asked when the ordinance would be implemented and what would be the length of the interim period. The Surveyor stated he was unable to answer, as it was a federal mandate and would depend on legal aspects of the federal guidelines. The Surveyor felt once the ordinance had passed both readings, it would take precedence over the existing ordinance at that time. Copies of the proposed ordinance were available for public review at this time. It was discussed whether it should be on the web page, however the Surveyor felt it should be available by CD at this time only.

At that time, the Surveyor presented Ordinance No. 2005-04-CM amending Tippecanoe County Code, repealing Section 155.01, and adding the new Section 155.01 Comprehensive Stormwater Management Ordinance. Exhibit A was the Stormwater Ordinance guidelines as well as the Technical Standards Manual. John Knochel made a motion to approve and pass Ordinance No. 2005-04-CM on first reading. KD Benson seconded the motion. The following voted as indicated: KD Benson- yes, John Knochel-yes, Ruth Shedd-yes. Ordinance No. 2005-04-CM regarding Comprehensive Stormwater Management was passed on first reading unanimously. It was agreed to place the ordinance on the next Drainage Board meeting agenda for the second reading, followed by a Special Commissioners' Meeting for a second reading also.

**Water Safety Committee**

Mike Wylie of Schneider Engineering approached the Board as a member of the previously established Water Safety Committee. He stated he was in attendance to today give an update to the Board on the Committee's progress. The committee was formed to look at public safety issues, both in design and education. A design subcommittee and an educational (outreach to schools etc.) subcommittee were formed out of the main committee members. Mike stated he would like to review the outcome of these committees at the next Drainage Board meeting in March. A Power point presentation would likely be made at that time. The Surveyor stated safety recommendations from the subcommittee were included in Ordinance No. 2005-04-CM. The Surveyor also stated Mike would be added to the March meeting Agenda of the Drainage Board.

## **Other Business**

### **Classification of Drains**

In accordance with I.C. 36-9-27-34, the Surveyor presented a Report of Drains to the Board. The report listed classification of drains, drains in need of reconstruction, urban drains, drains in need of periodic maintenance, and drains with insufficient maintenance funds. He then reviewed the report for the Board. (A copy of which would be included in the official minutes book.)

*Drains in need of Reconstruction:* He stated reconstruction for the Berlowitz Drain was in the initial process. He noted an informal meeting regarding the Jakes Ditch had been held this past year with the benefited landowners. The original tile had eroded out and an open ditch had been created at the lower end. The upper end of the tile was exposed. Elliott Ditch had been a part of an ongoing planning process, specifically Branch #11 and the F-Lake detention facility behind Ivy Tech. Branch #11 of S.W. Elliott Ditch had been designed and would go to construction in the near future. J.N. Kirkpatrick's lower end had been reconstructed. In anticipation of a large industrial park near the upper end, a preliminary plan was in place for reconstruction from Concord Road to 450 East for the J.N. Kirkpatrick. Investigation of the Anson drain had been done. It was anticipated the drain would be presented for reconstruction or an assessment rate increase sometime this year. The J.B. Anderson, which served Clarks Hill, had another round of flooding the past couple of weeks. The Frank Kirkpatrick drain was also in need of reconstruction.

*Urban Drains:* In accordance with Indiana Code, the Surveyor designated drains that are in need of reconstruction and served an urban or urbanized area as Urban Drains. The drains listed were: S.W. Elliott, Berlowitz, J.N. Kirkpatrick, and the Alexander Ross which ran roughly behind the Super Wal-Mart located on S.R. 26.

*Drains in need of Periodic Maintenance:* The D. Anson, J. Blickenstaff, A. Brown, Burkhalter, T.Coe, County Farm, C. Daugherty, M. Dunkin, T. Ellis, M. Erwin, R. Grimes, F. Haffner, E.F. Haywood, L. Jakes, F. Kerschner, A. Kirkpatrick, F. Kirkpatrick, C. Lesley, F.E. Morin, H. Mottsinger, F. Resor, M. Southworth, J. Vvannata, and the H.B. Wallace were all drains listed in need of periodic maintenance. The Surveyor stated for the most part, these drains had their assessment rates set in the late 1960's. The present and future costs of construction projects required an increase of assessment rates from roughly \$1.00 an acre closer to \$2.00 - \$3.00 an acre, for adequate maintenance. KD Benson requested a GIS presentation of the drains listed on the report in the near future as time permits. John Knochel made a motion to accept the 2005 Report of Drains submitted by the Surveyor. KD Benson seconded the motion and the Board accepted the 2005 Report of Drains as submitted by the Surveyor.

The Surveyor presented Tippecanoe County Drainage Board Resolution No. 2005 – 01-DB to the Board for their approval. In accordance with I.C. 36-9-27-42, the Resolution increased assessments by twenty-five percent (25%) for the following drains: J. Blickenstaff, A. Brown, T. Coe, C. Daugherty, M. Dunkin, T. Ellis, M. Erwin, F. Haffner, F. Kerschner, A. Kirkpatrick, C. Lesley, H. Wallace, and S. Yeager. The drain had an insufficient maintenance funds in place. The Surveyor stated either the tile was in need of a significant amount of maintenance, or cleanout of the open ditch was warranted. He stated every ten to twelve years an open ditch should be cleaned out. In response to K.D.'s inquiry, the Surveyor stated a letter would be sent to White County regarding their acceptance of the proposed assessment increase of the Andrew Brown Joint Drain. John Knochel made a motion to adopt Resolution No.2005-01-DB as presented. KD. Benson seconded the motion. The Board adopted Resolution No.2005-01-DB, a Resolution Increasing Assessments for the Periodic Maintenance of Regulated Drains.

### **Maintenance Bonds**

*Prophets Ridge Phase 1 / Prophets View Subdivision Phase 1 / Paramount Lakeshore Subdivision*

The Surveyor presented the following three Maintenance Bonds for acceptance; Maintenance Bond No.4175907 in the amount of \$37,060.00 for Prophets RIDGE Subdivision Phase 1 from Fairfield Contractors, Maintenance Bond No. 69839855 in the amount of \$2000.00 for Prophets VIEW Subdivision Phase 1 (located on Pretty Prairie Road) from Norma G. & Rita A. Deboy, and Maintenance Bond No. 400TF4545 in the amount of \$23, 329.70 for Paramount Lakeshore Subdivision from Milestone Contractors. The Surveyor stated the subdivisions had been completed and approved. John Knochel made a motion to accept the three Maintenance Bonds as presented by the Surveyor. K.D. Benson seconded the motion. The Drainage Board accepted the aforementioned Maintenance Bonds.

**Professional Engineering Services for Engineering Review Contract**

The Surveyor presented the annual contract from Christopher B. Burke Engineering for professional engineering review service. The cost of their service was in turn billed to the developer of projects submitted for review. Dave Eichelberger from Christopher B. Burke Engineering stated the rate per hour was raised from \$70.00 per hour to \$75.00 per hour. John Knochel made a motion to approve the contract between the Tippecanoe County Drainage Board and Christopher B. Burke Engineering LTD. as presented. K.D. Benson seconded the motion. The contract between the Tippecanoe County Drainage Board and Christopher B. Burke Engineering LTD. was approved as presented to the Board.

**Lewis Jakes Ditch**

While researching the status and condition of Jakes Ditch, it was discovered the Drainage Board approved a rate increase from \$1.00 an acre to \$2.00 an acre in April of 1983. Research indicated the present assessment of \$1.00 per acre was never changed accordingly. After conferring with the Board’s attorney, it was agreed the rate of \$2.00 per acre set in the April 1983 meeting was valid. The Surveyor requested a formal vote in order for the increase to be activated by the Auditor’s office. John Knochel made a motion to approve the \$2.00 per acre assessment rate as set in the April 1983 Drainage Board meeting. In addition the said rate be in effect starting with the 2005 tax season. K.D. Benson seconded the motion. The Lewis Jakes Regulated Drain assessment of \$2.00 per acre was formally approved beginning with the 2005 tax season.

**Public Comment**

As there was no public comment, John Knochel made a motion to adjourn the meeting. KD seconded the motion. The meeting adjourned.

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Ruth Shedd, Vice President

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John Knochel, Vice President

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Brenda Garrison, Secretary

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KD Benson, Member

**Tippecanoe County Drainage Board**  
**Minutes**  
**March 24, 2006**  
**SPECIAL Meeting**

**Those present were:**

Tippecanoe County Drainage Board President KD Benson, Vice President John Knochel, member Ruth Shedd, County Surveyor Steve Murray and Drainage Board Secretary Brenda Garrison. Drainage Board Attorney Dave Luhman was absent.

**Classification of Drains (Partial)**

The Surveyor presented the Classification of Drains (Partial) report to the Board. A copy of which would be included (excluding Exhibit A- see file) in the official Drainage Board Minutes book. The Surveyor stated he has completed and presented a Classification of Drains (Partial) report to the Board previously in 2003 and 2005. He stated this year he had expanded it with more detailed information as "Exhibit A". He stated as it was not feasible for his office to know the condition of every regulated drain under County Maintenance, he relied on the farmer to report the condition of a drain .Often calling upon them for a review of the drain's condition and noted his office receives maintenance request calls in the fall and spring when farmers are in the field.

He reviewed his report with the Board as follows:

1.) Drains in need of Reconstruction

a. Berlovitz, Julius (#8) (Includes Felbaum Branch)

1. Declared Drainage Impact Area by Resolution 2006-02-DB

The Surveyor stated the Board was very familiar with this Drain.

b. Kirkpatrick, J.N.(#46) (Watershed above (east) of Concord Road

1. Declared Drainage Impact Area by Resolution 2006-01-DB

The Surveyor stated he had met with the landowners on the Upper JN Kirkpatrick Regulated Drain. It was decided they would provide their own regional detention and the County would construct a positive outlet. He noted the design would be completed within a couple of months and was hopeful to start the bidding process at that time. Right of Entries would be required from the landowners which they had verbally agreed to.

c. Elliott, S.W. (#100)

1. F-Lake Detention Facility

The Surveyor stated EDIT monies was planned for this facility, however the Berlovitz Regional facility would take precedence over F-Lake.

2. Branch #11 (at S.R.38 near Tractor Supply)

The Surveyor stated Branch#11 of the S.W. Elliott served the property north of State Road 38. Previously the Brands were told they would have to reconstruct Branch #11 themselves. The reconstruction cost proved too much- as two 60" inch pipes were required under State Road 38. INDOT would not agree to place the pipes at their expense. The Surveyor suggested a formal reconstruction to the owners as INDOT would then have to shoulder the expense for the pipe installation under State Road 38. A landowner meeting concerning the reconstruction would be organized as soon as time allows.

d. Anderson, J.B. (#2) (Clarks Hill portion)

The Surveyor stated a conceptual reconstruction plan was completed by Christopher B. Burke through the Lauramie Creek Watershed study. The original estimate was in excess of two million dollars, however the Surveyor had reviewed costs and was able to decrease that to approximately half a million dollars.

e. Kirkpatrick, Frank (#45) (Portion East of C.R. 450E)

The Surveyor stated the Frank Kirkpatrick Drain was located in the southeast portion of the County with a portion east of C.R. 450East. This portion was investigated and found to be purposely laid uphill. The Surveyor stated he felt the reconstruction cost would not be acceptable by the landowners. However he noted it would continue to deteriorate over time and would be in need of the reconstructed in spite of the cost.

2.) Hearing and rates established in 2005

a. Anson, Delphine (#4) Reconstruction rate, periodic maintenance rate and maintenance rate after reconstruction set by hearing on August 29, 2005

b. Jakes, Lewis (#40) Reconstruction rate, periodic maintenance rate and maintenance rate after reconstruction set by hearing on August 29, 2005

The Surveyor informed the Board there was a SEA 368 Review scheduled in the near future for the Lewis Jakes Drain. The drain outlet at Indian Creek. He explained if work was reconstruction and the length of a drain greater than ten miles on the USGS map, a review (SEA 368) by IDNR, IDEM and Army Corps of Engineers was required. They will walk the drain with the Surveyor and give their requirements for said reconstruction.

- 3.) Urban Drains (per I.C. 36-9-27-68 Urban Drains are classified as in need of Reconstruction)
  - a. S.W. Elliott (#100)
  - b. Berlowitz, J. (#8) (Include Filbaum Branch)
  - c. Kirkpatrick, J.N. (#46)
  - d. Ross, Alexander (#48)

The Surveyor noted extensive maintenance work on the Alexander Ross drain.

- 4.) Drains in need of Periodic Maintenance  
Please see attached sheet Exhibit A

The Surveyor noted the Exhibit Sheet A indicated maintenance amounts from 1990 to date on each regulated drain and referred the Board members to the exhibit for review.

- 5.) Insufficient Funds
  - a. Blickenstaff, John (#11)
  - b. Crist Fassnacht (#29)
  - c. Grimes, Rebecca (#33)
  - d. Harrison Meadows (#37)
  - e. Kerschner, Floyd (#38)
  - f. Kirkpatrick, Frank (#40)
  - g. Lesley, Calvin (#48)
  - h. Morin, F.E. (#57)
  - i. O'Neal, Kelly (#59)
  - j. OShier, Audley (#60)
  - k. Saltzman, John (#70)
  - l. Dickens, Jesse (#91)

The Surveyor stated the most common reason for insufficient funds was the low originally established assessment rate. The rate was set many years ago and due to inflation did not meet present maintenance costs.

- 6.) Proposed Drains for hearing in 2006  
(Request these drains be referred to Surveyor for preparation of maintenance report)
  - a. Brown, Andrew (#13)
  - b. Coe, Train (#18)
  - c. Haywood, E.F. (#35)
  - d. Harrison Meadows (#37)
  - e. Kirkpatrick, Frank (#45)
  - f. Morin, F.E. (#57)
  - g. Mottsinger, Hester (#58)
  - h. Parker, Lane (#61)
  - i. Resor, Franklin (#65)
  - j. Southworth, Mary (#73)
  - k. Vannatta, John (#81)
  - l. Yoe, Franklin (#90)
  - m. Dismal Creek (#93)
  - n. Beutler Gosma (#95)
  - o. Romney Stock Farm (#109)

The Surveyor stated these drains assessment rates were more critical in his view. There was a limited amount of monies within the General Fund available for general use. For example the Andrew Brown in the northeast portion of the County was tile and open ditch. A portion of the open ditch was cleaned this spring due to the submerged outlet at the headwall. (Generally open ditches should be cleaned or dipped and cleared an average of ten to twelve years.) The cost for a three thousand foot open ditch at \$6.00 per foot would be approximately \$18,000.00. It would take approximately 4-5 years to

repay the general fund. The Harrison Meadows Drain had maintenance work done in the mid nineteen-nineties and owed the General Fund over \$6000.00 to date. The four year total assessment for this drain was only \$1915.70.

- 7.) Drains recommended to be raised by 25%
  - a. E.F. Haywood (#35)
  - b. O'Neal Kelly (#59)
  - c. Oshier, Audley (#60)
  - d. Resor, Franklin (#65)
  - e. Yoe, Franklin (#90)
  - f. Kirkpatrick One (#96)

The Surveyor noted this recommendation was a temporary fix. Raising the maintenance assessment 25% in his opinion was a proactive action in the interim.

- 8.) Petitions for New Regulated Drain Referred to Surveyor
  - a. Fred Whaley/Norm Bennett
  - b. Todd Welch

The Surveyor noted additional investigation was required for the Fred Whaley/Norm Bennett Petition as the tile drain was submerged which made it difficult to evaluate properly. He felt the most cost effective way was to set up a maintenance fund before additional investigation was done. Investigation on the Todd Welch petition would be completed as time allowed.

- 9.) Existing Drains Referred to Surveyor for Report
  - c. Upper JN Kirkpatrick (#46)
  - d. J. Berlowitz (#8)

The Surveyor stated these drains had existing maintenance funds and was conferring with Christopher Burke on their reports.

- 10.) Drain that should be vacated
  - a. That portion of Branch #5 of the J.N. Kirkpatrick which runs along the East side of Promenade Drive in Stones Crossing Commercial Subdivision.

The Surveyor stated this portion of the tile was presently functioning as a storm sewer for Promenade Parkway on the west side of Wal-Mart and should be vacated as it no longer functions as a county regulated tile.

In summary the Surveyor stated a new drainage layer and map was close to completion and would eventually be available to the public. He reviewed the layer utilizing GIS for the Board. A red dash tile was a county tile or open ditch: a solid blue label indicated it had a maintenance fund, a green label indicated it did not have a maintenance fund. He added a database (individual drains historical information to date) was being maintained as well. He informed the Board he will give a presentation the first Wednesday of April to the District SWCD Board concerning County Drains.

As there was no additional information for the Board, John Knochel made a motion to adjourn. Ruth Shedd seconded the motion. The meeting was adjourned.

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KD Benson, President

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John Knochel, Vice President

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Brenda Garrison, Secretary

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Ruth Shedd, Member



# Tippecanoe County Drainage Board

Minutes

May 4, 2011

Regular Meeting

## 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 Engineering Consultant Dave Eichelberger from Christopher B. Burke Engineering Limited, and Linda Underwood recording for Drainage Board Secretary Brenda Garrison who was absent.

## Approval of Minutes

David Byers made a motion to approve the April 6, 2011 Regular Drainage Board minutes as written. John Knochel seconded the motion. The April 6, 2011 Drainage Board meeting minutes were approved as written.

## Industrial Pallet Expansion

Patrick Williams from TBIRD Designs appeared before the Board to request final approval for Industrial Pallet Expansion. The site was located on the east side of US 52 and north of State Road 28. An abandoned railroad was located to the north of the site. The eastern portion of the tract would be developed with the proposed project. All existing structures onsite at this time were located in the western portion of the tract. Mr. Williams stated Mr. Jay Wegand C.F.O. of Industrial Pallet and Mr. Pat Jarboe of TBIRD Design were also in attendance. He stated today's submittal regarded the final construction plans and detailed design information for the grading and infrastructure portion of the previously approved Master Drainage Study. An entrance would be constructed from East County Line Road. Grading operations for future expansion, a wet bottom detention pond, bypass swale and offsite storm sewer outlet to County Road 1075 South was planned. Additionally, expansion of the existing driveway located at U.S. 52 was planned. A variance to the Stormwater Detention and Stormwater Quality was requested regarding the expansion of the existing U.S. 52 entrance. A second variance to Stormwater Quality for the bypass swale was requested as well. He noted they agreed with the April 28, 2011 Christopher Burke memo and requested final approval. The Surveyor stated his office had received the IDEM Water Quality Sampling results as required and recommended final approval with the conditions as stated on the April 28, 2011 Burke memo. He then recommended approval of the requested variances as requested. There were no comments from the public.

David Byers made a motion to grant final approval with conditions as stated on the April 28, 2011 Burke memo. John Knochel seconded the motion. David Byers made a motion to approve the Stormwater Detention and Stormwater Quality variances as requested. John Knochel seconded the motion. Industrial Pallet was granted a Stormwater Detention and Stormwater Quality Variance regarding the U.S. 52 entrance as well as a Stormwater Quality Variance regarding the bypass swale. Industrial Pallet was granted final approval with the conditions as stated on the April 28, 2011 Burke memo.

## Huntington Farms Phase 4

Joe Coutts of Cripe Architects and Engineers appeared before the Board to request final approval for Huntington Farms Phase 4. The Phase 4 site consisted of approximately 9.8 acres of the original 75 acre tract of development. It was located between Lindberg Road (C.R. 200N) and State Road 26 and west of Klondike Road (C.R. 300W). Mr. Coutts stated this was the last and final phase of the development located in the very northwest quarter of the site. A detention pond would be constructed during this phase. The pond would discharge into the side ditch along Lindberg Road (C.R. 200N) and flow west. Offsite improvements were planned within the County Highway's right of way to allow the discharge from the pond. This would require County Highway approval. He stated the release rate would be 5 cfs from Phase 4 as planned in the previously approved 1996 Huntington Farms Master Drainage Study. A Petition to Encroach on the Vanderkleed Regulated Drain Easement which was located onsite was submitted for approval as well.

A Stormwater Quality Variance regarding the calculation minimum 80% TSS removal requirement was requested due to inclusion of this phase within the previously approved 1996 Master Plan. He stated Stormwater Quality measures were in place such as vegetated swales, .20 of an acre constructed wetland, detention pond and sumped curb inlets. He requested final approval at that time. The Surveyor stated the Vanderkleed Regulated drain's natural surface flow sheet flowed southwest through a culvert under State Road 26W. He noted construction in northwest corner of the site and in particular the requested encroachment should not alter the existing Vanderkleed Regulated Drain in any way. It would be the responsibility of the Developer to repair if any alterations were made to the said drain. He then referred to the Board's Engineer for further discussion. Dave Eichelberger of Christopher Burke Engineering stated due to the previous 1996 Master

plan approval regarding this phase and in particular the present Stormwater Quality requirements, the variance request (related to Page 2 under Item #1 under Stormwater Quality in the April 27, 2011 Burke memo) could be approved in his opinion. He noted he would be meeting with Mr. Coutts regarding this issue and would encourage the plan to be as close to 80% as allowed with the present day restrictions. Responding to Mr. Luhman's (Drainage Board Attorney) inquiry, Mr. Eichelberger stated he could recommend a range requirement if the Board felt more comfortable with that. Responding to Mr. Murtaugh's inquiry, Mr. Coutts noted he agreed with the conditions stated in the April 27, 2011 Burke memo and would work with Burke Engineering regarding this particular issue as well as others.

Responding to Mr. Byers, Lee Brand approached the Board and stated he was concerned about the amount, route and location of the discharge of the "holding pond". The Surveyor noted the proposed plan indicated the pond's outfall would flow to the roadside ditch along Lindberg Road and flow west which was the existing pattern at this time and then southwest. Mr. Coutts indicated the discharge would stay within the right of way along Lindberg Road (C.R. 200N) until it reached the end of the existing culvert under Lindberg Avenue and would follow the present discharge pattern at that location. Mr. Brand stated the problem he had was the roadside ditch would stay full two weeks after a rainfall and continue to cross his tract keeping it wet. He stated he had a similar situation regarding standing water on his tract located near State Road 26W. There was a broken tile under State Road 26West, INDOT repaired it last year and installed a catch basin. This solved his drainage problem at that location. Therefore, he would like to see a catch basin installed for this discharge as well. The Surveyor clarified the catch basin was located on the north side of State Road 26 West. The existing detention basin north of S.R.26 outlet to the north roadside ditch and there was a 12-15 inch tile which outlet just east of the inlet. The tile broke down last year and INDOT fixed the problem under State Road 26 and the Surveyor's office at that time requested the catch basin be installed to assist with the drainage issues at that location. He confirmed drainage at that location had improved since the catch basin was installed. Mr. Brand proposed a similar catch basin be installed at the Lindberg Road location. He reiterated after a large rainfall, it takes two weeks to drain and that was too long. If a catch basin was installed it would assist in the amount of flow across his field and he would be happy. The Surveyor stated he would discuss the nuisance water with Mr. Coutts later today in a previously scheduled meeting regarding the existing plan and possible improvements to it.

The Surveyor noted, historically the Drainage Board and Surveyor's office had not allowed developments to tap into a county tile. However, north of Lindberg Road the Vanderkleed drain tile basically stopped at the development. When Lindberg Village was constructed the Vanderkleed tile was vacated northeast of the site. He stated there was a small amount of watershed area going through the tile, which made him less apprehensive for the possibility of the development tapping into the drainage tile. This was a unique situation; and it would not harm upstream owners. He did not feel it would be a problem. Responding to Mr. Byer's inquiry, the Surveyor noted this tile did not have a maintenance fund established, no assessments were being collected. Mr. Brand asked why he should have to pay for maintenance on the tile if the development drained into it. The Surveyor then referred to the attorney for clarification as there was not a maintenance fund for the Vanderkleed Regulated Drain. If a fund was established assessments would be collected. However the Surveyor noted historically landowners within this watershed did not want to set up a maintenance fund and if one was set up presently the support of the landowners would be required.

Mr. Coutts stated with the historical knowledge of developments not out letting into a regulated tile, the developer had taken extra measures to keep any ground water from the detention pond routing into the existing tile. He stated they were open to modifying their existing plan as the Surveyor may suggest. He noted they were discharging at the previous allowed discharge rate of 5 cfs or a little lower than 5 cfs. They were in compliance with the previously approved 1996 Master Plan. Responding to Mr. Murtaugh's inquiry, the Surveyor stated it should not be a problem to modify the proposed plan. Mr. Byers and Mr. Murtaugh stated there were a lot of questions regarding the drainage situation remaining. It would be prudent to table the project until next month. Mr. Byers made a motion to table the Huntington Farms Phase 4 project until the June 1, 2011 meeting. John Knochel seconded the motion. Huntington Farms Phase 4 project was tabled until the June 1, 2011 meeting.

#### **Spitznagle Borrow Pit**

Mr. Steve Roeshlein from Vester and Associates appeared before the Board to request final approval for the Spitznagle Borrow Pit. The site consisted of approximately 10 acres of earthen material to be removed and used for the S.R. 25 (Hoosier Heartland Highway) project located south of C. R. 400South and east of C.R. 500East. The disturbed area immediately surrounding the pit would be returned to agricultural production after construction was complete. He noted the watershed area was approximately 18 acres including the newly created pond. He stated the developer agreed with the April 29, 2011 Burke memo and requested final approval. The Surveyor stated the site drained north into a culvert under C.R. 400North to an unnamed tributary and then to Dry Run- a tributary of Wabash River. The existing drainage pattern was reviewed by the Board utilizing G.I.S.

Responding to the Surveyor's request, Mr. Roeshlein stated there was minimal erosion at the culvert as the area had not been touched in the last 50 years. The Surveyor stated clear color pictures of the metal arch pipe culvert at C.R. 400North showing the existing condition were required for the record. Photographs of the existing drainage pattern to the unnamed tributary then to the Dry Run tributary of Wabash River should be provided for the record as well. A narrative of the downstream receiving system should be included in the Drainage Report. Mr. Roeshlein stated he would provide all the information as required and make it part of the final drainage report. The Surveyor stated basically this was an area that discharged to the C.R. 400North culvert. Responding to the Surveyor's inquiry, Mr. Roeschlein stated the emergency spillway would be moved to the west of its current location.

The Surveyor stated he recommended final approval with the conditions as stated on the April 29, 2011 Burke memo. There was no public comment. David Byers made a motion to grant final approval with the conditions as stated on the April 29, 2011 Burke memo for Spitznagle Borrow Pit. John Knochel seconded the motion. The Spitznagle Borrow Pit was granted final approval with conditions as stated on the April 29, 2011 Burke memo.

**Petition to Encroach Otterbein Regulated Drain#112**

The Surveyor reviewed a Petition to Encroach on the Otterbein Regulated Drain #112 submitted by the Town of Otterbein and presented to the Surveyor office by Butler Fairman and Seifert Inc. (B.F.S.) on April 18, 2011. The encroachment was located on Oxford Street within the Town of Otterbein and approximately 115 feet into the Otterbein Regulated Drain #112 easement. He recommended approval as submitted. There was no public comment. David Byers made a motion to grant approval of the Petition to Encroach on the Otterbein Regulated Drain#112 submitted by the Town of Otterbein. John Knochel seconded the motion. The Petition to Encroach on the Otterbein Regulated Drain #112 was approved as submitted.

**Petition to Encroach Vanderkleed Regulated Drain/Huntington Farms Phase 4**

David Byers made a motion to table the Petition to Encroach on the Vanderkleed Regulated Drain submitted Cripe Architects & Engineers to the June 1, 2011 meeting. John Knochel seconded the motion. The Petition to Encroach on the Vanderkleed Regulated Drain was tabled to the June 1, 2011 meeting.

**Zach Beasley**

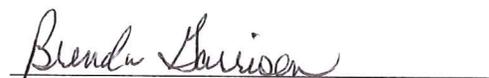
The Surveyor stated he had two Regulated Drain Hearings he would like to schedule with the Board. The John Hengst Regulated Drain and the John Blickenstaff Regulated Drain. He had the report and assessments ready to be presented to the Board. He had been in contact with landowners benefitted by both drains. David Byers made a motion to schedule the two Regulated Drain Hearings as requested by the Surveyor. John Knochel seconded the motion. The John Hengst #117 Regulated Drain and the John Blickenstaff #11 Regulated Drain Hearings were scheduled for June 1, 2011. The Hearings would follow the regular scheduled Drainage Board meeting.

**Public Comment**

As there was no public comment, John Knochel made a motion to adjourn. The meeting was adjourned.

  
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Thomas P. Murtaugh, President

  
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David Byers, Vice President

  
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Brenda Garrison, Secretary

  
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John Knochel, Member

**Tippecanoe County Drainage Board**  
**Minutes**  
**June 1, 2011**  
**John H. Blickenstaff #11 Regulated Drain Hearing**

**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 and Drainage Board Secretary Brenda Garrison.

The Surveyor informed the Board he had been approached by Mr. Bob Peabody 4506 South 500 East Lafayette Indiana 47905 a landowner whose tract was located within the John L. Blickenstaff #11 Regulated Drain watershed. Mr. Peabody requested the drain be dredged out. At that time he informed Mr. Peabody the existing fund's balance would not pay for the work to be done. Current per acre assessment of \$1.25 and \$5.00 per lot minimum did not allow for enough monies to be collected to pay for the project as requested. The Surveyor prepared a list of landowners with a signature block for those who were in favor of raising the rate on the John H. Blickenstaff Regulated Drain and Mr. Peabody gathered the signatures of 87% of those affected landowners. He reiterated this was a hearing to increase the maintenance fund and NOT a reconstruction hearing.

He read the following Maintenance Report on the John H. Blickenstaff Regulated Drain #11: "The John H. Blickenstaff Regulated Drain #11 was originally established and built through the Tippecanoe County Circuit Court, Case No. 2912 in 1894. The Drain and its watershed is located in Sections 5 & 6 of Township 21 North and Range 3 West, also Section 12 of Township 21 North and Range 4 West in the political township of Lauramie, Tippecanoe County, Indiana. By using information available in the 1970's the 1975 Maintenance Report indicates a watershed area totaling 1257.03 acres and being totally within Tippecanoe County. It is the judgment of the Tippecanoe County Surveyor based on 2 foot contour information available in the year 2011, comparing the watershed boundary to adjoining County Regulated Drains and testimony from benefitted landowners, the total benefitted watershed area is 1160 acres. According to the 1975 Maintenance Report there is approximately 10,200 lineal feet of open ditch and zero (0) lineal feet of tile under maintenance. After speaking to landowners and following their request from this day forward there shall be approximately 10,200 lineal feet of open ditch and approximately 1750 lineal feet of tile maintained by this maintenance fund. The open ditch begins at the concrete headwall located 20 feet east of the Northwest corner of the Northeast quarter of the Southwest quarter of Section 5, T21N, R3W and terminates at the intersection of the South line of the East half of the Northeast quarter of the Northeast quarter of Section 12, T21N, R4W. The 1750 lineal feet of tile begins at the aforementioned concrete headwall located 20 feet east of the Northwest corner of the Northeast quarter of the Southwest quarter of Section 5, T21N, R3W and continues upstream in a South/Southwesterly direction for a distance of 1750 lineal feet to the terminus of the main tile line. There are zero (0) lineal feet of Branch tile maintained by this maintenance fund. Please see attached map which illustrates the maintained open ditch, shown by the blue solid line, and the maintained tile shown by the red solid line and labeled John Blickenstaff for visual reference. The John H. Blickenstaff Drain #11 Maintenance Fund was established by the Tippecanoe County Drainage Board on the 1<sup>st</sup> day of October, 1975. It is the judgment of the Tippecanoe County Surveyor that a sum of \$40,000 is needed to maintain and improve the existing open ditch system. An assessment of \$10.00 per acre and a \$50.00 minimum over a four year period is recommended. This will generate \$48,000.00 over a four year period and allow the much needed dredging and clearing work to be completed." The Surveyor clarified the existing per acre rate was established in the early 1970's. With inflation it has not had enough monies to maintain it as needed. Historically the only regulated portion of the drain was the open ditch portion. The monies collected yearly were not enough with today's costs of materials and labor to properly care for the drain. It was his opinion based on current farming practices and other mitigating factors; it would be prudent to include the main tile (no branches) for maintenance as well. The landowners agreed to add the main tile (no branches) to the maintenance portion of the drain. There was no public comment. The attorney then read into the official minutes the Findings and Order of the Board as follows: BEFORE THE TIPPECANOE COUNTY DRAINAGE BOARD IN THE MATTER OF THE JOHN H. BLICKENSTAFF REGULATED DRAIN #11 INCREASE IN MAINTENANCE RATE HEARING:

FINDINGS AND ORDER (ANNUAL MAINTENANCE)

This matter came to be heard upon the maintenance report and schedule of assessments prepared by the Tippecanoe County Surveyor and filed on April 20, 2011. Certificate of mailing of notice of time and place of hearing, to all affected landowners was filed. Notice of publication of time and place of hearing in the Journal & Courier and the Leader of Lafayette Indiana were filed. Remonstrances were NOT filed. Evidence was presented by the Tippecanoe County Surveyor and landowners affected were present. A list is filed herewith. After consideration of all the evidence, the Board does now FIND THAT:

- (1) The maintenance report of the Tippecanoe County Surveyor and schedule of assessments were filed in the office of the Surveyor on April 20, 2011.
- (2) Notice of filing of the maintenance report and the schedule of assessments and their availability for inspection and the time and place of this hearing was mailed to all those landowners affected more than thirty (30) and less than forty (40) days before the date of this hearing.
- (3) Notice of the time and place of this hearing was given by publication in the Journal & Courier and The Lafayette Leader newspapers of general circulation in Tippecanoe County and Lafayette, Indiana more than ten (10) days prior to this hearing.
- (4) The legal drain consists of 10,200 feet of open ditch.
- (5) The legal drain consists of 1750 lineal feet of maintained main tile and (0) zero lineal feet of maintained branch tile.
- (6) The present condition of the ditch is poor.
- (7) The ditch needs the following maintenance at present:  
Clearing, Dredging and regular maintenance
- (8) There is now \$0.00 owed to the General Drain Fund for past maintenance on this ditch.
- (9) The ditch drains 1160.00 acres total.
- (10) Estimated annual cost of maintenance is \$12,130.00.
- (11) Estimated annual benefits the land drained exceeds repairs and maintenance costs
- (12) An increase in the assessment for annual maintenance should be established.
- (13) In order to provide the necessary maintenance fund, the annual assessment per acre and lot benefited should be: \$10.00 per Acre and a \$50.00 minimum per tract.
- (14) The assessment list filed herewith is fair and equitable and should be adopted
- (15) The assessment list filed herewith should **not** be amended.
- (16) The assessment should be collected with the **May 2012** taxes.

NOW, THEREFORE, IT IS ORDERED THAT:

- (1) A maintenance fund is established for the John H. Blickenstaff #11 Regulated Drain at the annual rate of \$10.00 per acre and \$50.00 minimum per tract benefited.
- (2) The Schedule of Assessments filed herewith is adopted and made a part thereof.
- (3) The first increased annual assessment shall be collected with the **May 2012** taxes.

DATED at Lafayette, Indiana this 1<sup>st</sup> day of June 2011. The Tippecanoe County Drainage Board.

David Byers made a motion to approve the Findings and Order as read by the Attorney. John Knochel seconded the motion. The Findings and Order of the Tippecanoe County Drainage Board regarding the John H. Blickenstaff Regulated Drain #11 Increase in Maintenance Rate Hearing was approved as presented. David Byers made a motion to adjourn. The hearing was adjourned.

  
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 Thomas P. Murtaugh, President

  
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 David Byers, Vice President

  
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 Brenda Garrison, Secretary

  
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 John Knochel, Member

**Tippecanoe County Drainage Board**  
**March 14, 2012**  
**Regular Meeting Minutes**

**Those present were:**

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

**Approval of Minutes**

Tom Murtaugh made a motion to approve the January 4<sup>th</sup> Regulated Drain Hearing and the January 4<sup>th</sup> Regular Drainage Board Meeting minutes as written. John Knochel seconded the motion. The December 7<sup>th</sup> Regulated Drain Hearings and the December 7<sup>th</sup> Regular Drainage Board Meeting minutes were approved as written.

**Winding Creek Section 6**

Clem Kuns from TBird Design Services appeared before the Board to present Winding Creek Section 6 for final approval. The site was located south of County Road 600 North and west of County Road 75 East on approximately 25 acres. He noted a master drainage plan for this area was approved in 1998 by the Board. This Section was the last section of the overall development. The northern boundary of this section adjoined the Coyote Crossing Golf Course. The onsite detention facility was originally designed to accommodate a portion of this section as well. The existing pond outlet would be modified with stormwater quality measures. Part of the northern portion drained uncontrolled to the Cole Ditch after passing through the Coyote Crossing Golf Course. All minor modifications of the existing pond were indicated on the construction plans. Plans called for lowering the existing spillway 2 feet (presently a grassy Berm). Regarding crossing the Golf Course, they were presently looking for wetlands in the area which may need to be accommodated or mitigated. A signed agreement was obtained from the Golf Course owners in order to proceed with the construction and permitting process. The construction plans were reviewed with the Golf Course owners. The exhibit which indicated the exact locations of the proposed crossings was reviewed with them specifically. IDEM and DNR permitting was presently in the process phase. Responding to Mr. Knochel's inquiry, Clem stated safety signs and flotation equipment were proposed for the pond ramp area. However, the ramp was not on the property being developed for this section. Therefore additional safety accommodations were not included in the plans. He noted there were future development plans for a clubhouse close to the area of the pond. After a lengthy discussion with the Board Attorney, the Board concluded additional pond safety requirements would be addressed at the clubhouse project's drainage approval presentation.

A variance regarding the TSS removal rates was requested and he noted several stormwater quality measures for the majority of the site were planned. He asked for approval of the variance and project at that time. Responding to Tom Murtaugh's inquiry, Clem stated the L-shaped outlot indicated on the plans was designed for Utility and Drainage Easements. A mound was proposed to be located there to block the view of the treatment plant. It was noted American Suburban and Indiana American Water both have infrastructure in this area. Tom Lawrence, 8 Grapevine Court West Lafayette 47906- Lot 118 of Winding Creek Subdivision Section 1, appeared before the Board as the Homeowners Association Representative for Winding Creek Subdivision. He stated the clubhouse project was indefinitely delayed until more monies were collected by the Association. Mr. Byers stated pond safety was very important to the Board and it was prudent to address this before construction on the clubhouse was started. The Board would address this at that time. The Surveyor stated while the pond was designed and approved under the 1998 Drainage Ordinance, efforts were made to achieve the current TSS required rate for this section of the project. In addition, he noted a meeting had been held to specifically discuss certain issues of them being the safety and TSS rate. As a result of the meeting, he stated measures taken were sufficient and recommended approval of the variance request. Tom Murtaugh made a motion to grant the variance as requested. John Knochel seconded the motion. Winding Creek Section 6 was granted a Variance to the Stormwater Quality requirement. After confirming safety measures were currently on the plans, Tom Murtaugh made a motion to grant Winding Creel Section 6 final approval with the conditions as stated on the March 9, 2012 Burke memo. John Knochel seconded the motion. Winding Creek Section 6 was granted final approval with conditions as stated on the March 9, 2012 Burke memo.

**Reserve at Raineybrook Phase II**

Kyle Betz of Fisher and Associates appeared before the Board to present Reserve at Raineybrook Phase II for final approval. The site was located west of the new U.S. 231 South and north of County Road 500 South and consisted of 7.48 acres. Original plans called for 39 units for this phase of the project; however the revised and current plan indicated 30 single family residential units to be located on site. The Overall Raineybrook development was approved by the Board in January March 14, 2012

2001; Phase II was included in the plans submitted at that time. Drainage for this phase of the project was served by two existing outlets. Approximately 1/3 of the project site drained into the southwest corner through a previously constructed drainage outlet and the remaining runoff drained into a natural pond known as Corley Pond. Runoff from this phase eventually discharged to Little Wea Creek. Kyle stated the schematics had not changed from the original drainage plan for the site. No modifications were planned for the natural pond with the exception of the installation of an outlet pipe and the associated materials for its placement. Responding to Mr. Knochel's inquiry, Kyle stated while the developer acknowledged safety concerns, the pond was not located on the developer's property. Kyle stated he felt it was best to discuss signage and safety box issues with the Home Owners Association or the developer of Raineybrook Subdivision. He stated it would be a better benefit to serve all the lots adjacent to the pond and not just the five new lots associated with this phase only. Responding to John Knochel, he stated the Raineybrook development project was presented to the Drainage Board in 1994 and prior to any County Pond Safety Ordinances. The Reserve at Raineybrook development project was included in the Master Drainage Study and then presented to the Board in 2001. The Surveyor stated the uniqueness of this pond was that it was natural and not manmade. Kyle stated due to the natural uniqueness of the pond it was likely the slopes did not follow the present day ordinance standards. The pond was located in a conservation easement- as a wetland covered most of the pond.

The Board Attorney, Dave Luhman, inquired whether the width of the easement at the discharge pipe location into the pond was wide enough for emergency vehicles to access. Kyle confirmed the easement was wide enough for emergency vehicles to access the pond during an emergency. He stated there was common area which a blanket easement covered. Dave Eichelberger noted due to the blanket easement a variance was not required. However, where there was not a building pad indicated on the plans, the blanket easement should be indicated throughout the plans when submitted. Kyle agreed with Mr. Murtaugh in that a mulch trail circled the pond. Mr. Eichelberger suggested the mulch trail should be changed to a hard surface wide enough to accommodate emergency vehicles as well as pedestrian traffic. Kyle noted they were reviewing making a portion of the trail -where the drainage easement crossed -a hard surface and leaving the remaining trail mulch. Mr. Eichelberger stated he did not feel that area alone would be sufficient for vehicle traffic in emergency situations. The Attorney stated this would be an ongoing issue for the Board as developers use ponds existing prior to the Safety Ordinance and with different ownership as outlets. Most ponds existing prior to the Safety Ordinance did not have safety ramps, safety boxes etc. as it was not required when the projects were presented for approval by the Board. In this case the pond was surrounded by existing homes on the east and the south sides which made it difficult to access in an emergency. Emergency vehicles would have no choice but to access this pond from the west side. Requiring a total hard surface on the trail surrounding the pond would accommodate emergency vehicles. Responding to Mr. Betz, Mr. Murtaugh noted the open lots adjacent to the pond was indeed wooded, very steep and would not be suitable for access to the pond. He noted he thought the most northern portion of the pond at the service road location would be the best access area to the pond.

The Surveyor stated precedent had been set on new phases or sections of a project -approved prior to the current Stormwater Ordinance- regarding the current TSS rate requirement. Developers should attempt to reach the required 80% TSS removal rate on all subsequent phases/sections of a previously approved project. Based on the March 9, 2012 Burke memo comments, it appeared there was no attempt to reach the 80% TSS rate (stormwater quality requirement). Therefore, from a technical standpoint he could not recommend the variance be granted. He informed the Board his office did discuss the safety issues surrounding the pond (warning signs, rescue equipment etc.) with Mr. Betz in a meeting prior to the Burke memo stated. The comment Mr. Betz made at that time was "They would take the issue under consideration". It appeared none of the suggestions regarding safety were included in the most recent plans. To do nothing as far as safety concerns because the pond was under different ownership was worrisome and bothersome to him. Therefore he would not recommend the variance as requested to the Board. As the remaining conditions on the memo were minor, he recommended project approval with the conditions as stated on the March 9, 2012 Burke Review Memo. Hearing no motion for the approval of a variance, the request was not approved by the Board. Responding to Mr. Murtaugh' inquiry, Dave Luhman stated the Board could not require safety measures around the natural pond adjacent to the project site. Had the pond been a constructed detention pond owned by the same developer, the Board would have that option. The Board could (although not required) request the developer in a good faith effort volunteer to provide safety signs in adjoining areas of the pond. Mr. Murtaugh asked if the developer would be willing to install safety signs and safety boxes where appropriate on their site. Mr. Greg Milakis developer of the project and present, stated he would be willing to add safety measures such as signs and safety equipment boxes. Due to this agreement, Tom Murtaugh made a motion to grant final approval with the conditions as stated in the March 9, 2012 Burke Review memo. John Knochel seconded the motion. Reserve at Raineybrook Phase II was granted final approval with conditions as stated on the March 9, 2012 Burke memo. The conditions included the agreed addition of safety signs and safety boxes to be located in the common area near the pond and the 5 lot locations which adjoined the pond indicated on the plans.

### **Zachariah Beasley /Inspection Results: Hawthorne Ridge Subdivision**

The Surveyor noted the Homeowner Assoc. President for Hawthorne Ridge Subdivision and a couple landowners appeared before the Board in January 2012. They discussed several drainage concerns they had within the subdivision regarding what they felt was drainage from adjoin tracts. He noted his office made a site visit to the areas of concern. He gave a power point presentation to the Board of the inspection. He stated, the developer of St. Andrews Church reminded him at the 2006 Drainage Board Meeting it was a condition of approval the developer walk the downstream conveyance system and take photographs of the current condition before the church was built. Dale Snipes Stormwater Coordinator within the Surveyor's office walked the downstream conveyance area as was done before the church was constructed. The power point presentation included the developer's 2006 photographs with the 2012 photographs taken by Mr. Snipe's inspection. The photographs were taken roughly every 500 feet and stopped at County Road 500 North. He noted the photos indicated the channel itself was still relatively straight. He informed the Homeowners Association debris from yards such as yard clippings, brush etc. should be removed from side slopes of the ditch. The debris kills vegetation which would cause erosion to the ditch at a faster rate. Noticeable erosion occurred during this time at the manhole location. However this amount of erosion was not uncommon as the time frame between photographs was 6 years. He noted a landowner had armored the bank with rip rap which was a good practice. At the private bridge location (Martins Blueberry Patch site) there appeared to be silt built up since the 2006 photographs were taken. This had caused some obstruction of the stream's flow. Responding to Mr. Byers' inquiry, the Surveyor noted this was a private stream/creek therefore his office could not maintain it. D.N.R. would allow a private landowner with a required permit to remove the built up silt. He concluded the presentation by stating based on the 2006 current condition photographs and present day photographs; it did not appear a substantial problem was created by the St. Andrews Church project. The stream looked no different than any other stream in the county would during a 6 year time frame. With the armoring of the ditch in some locations using rip rap it actually was in better shape than a lot of private ditches within the county. He stated did not feel St. Andrews Church project have caused a negative impact on this subdivision drainage. The Church was built as designed and approved by the Board in 2006. Regarding the homeowners specific concerns he stated the orifice plate and aqua swirl were in place as designed. The Surveyor noted this was a large watershed area as there was approximately 700-800 acres if not more. He informed the landowners the Revised Stormwater Quality Ordinance was revised this year (Jan. 2012) to control the more frequent storm events and was confident it would assist in the drainage of future developments.

### **Zachariah Beasley/Petitions**

The Surveyor presented four Petitions to Encroach submitted by Duke Energy regarding their Line Relocation project. The project started roughly around the Town of Concord south of Lafayette and extending south of Tippecanoe County into Montgomery County crossing 4 regulated drain locations involving 3 regulated drains, with one drain being encroached in two areas. The following drains were being encroached upon: Frank Kirkpatrick (2 Locations), Train Coe and Romney Stock Farm Regulated Drains. The Surveyor noted his office met the Duke Representatives on site and the tile locations were marked for them. Duke Energy was very cooperative in this process. The Surveyor recommended approval for the Encroachment Petitions as submitted. Tom Murtaugh made a motion to grant approval for the Duke Energy Line Relocation project's Petitions to Encroach on the Frank Kirkpatrick, Train Coe and Romney Stock Farm Regulated Drains. John Knochel seconded the motion. The Petitions to Encroach on the Frank Kirkpatrick, Train Coe and Romney Stock Farm Regulated Drains were approved as submitted.

The Surveyor presented a Petition to Encroach on the S.W. Elliott Regulated Drain #100 Branch #14 submitted by TBird Design Svc. for the Warehouse of Lafayette project. The location was east of Concord Road and south of Brady Lane. The Surveyor recommended approval of the petition as submitted. Tom Murtaugh made a motion to grant approval for the Warehouse of Lafayette Petition to Encroach on the S.W. Elliott #100 Branch #14 Regulated Drain. John Knochel seconded the motion. The Petition to Encroach on the S.W. Elliott #100 Branch #14 Regulated Drain submitted by TBIRD Design Svc. Regarding the Warehouse of Lafayette project was approved as submitted.

### **Zachariah Beasley/ BONDS**

The Surveyor presented Performance Bond #B-0353260 for the Tippecanoe County Indoor Soccer Facility in the amount of \$85,700 and submitted by JBD Builders for approval by the Board. Tom Murtaugh made a motion to approve Performance Bond # B-0353260 for the Tippecanoe County Indoor Soccer Facility in the amount of \$85,700 and submitted by JBD Builders. John Knochel seconded the motion. Performance Bond # B-0353260 for the Tippecanoe County Indoor Soccer Facility was approved as submitted. Performance Bond #105534123 for the Duke Energy Line Relocation Project in the amount of \$20,000 was submitted by Duke Energy for approval by the Board. Tom Murtaugh made a motion to approve Performance Bond #105534123 for the Duke Energy Line Relocation Project in the amount of \$20,000 submitted by Duke Energy. John Knochel seconded the motion. Performance Bond #105534123 for the Duke Energy Line Relocation Project in the amount of \$20,000 and submitted by Duke Energy was approved by the Board. Maintenance Bond #105717687 for the

Harrison High School project in the amount of \$21,000.00 and submitted by MacDougal & Pierce. Tom Murtaugh made a motion to grant approval for the Maintenance Bond #105717687 for the Harrison High School project in the amount of \$21,000.00 and submitted by MacDougal & Pierce. John Knochel seconded the motion. Maintenance Bond #105717687 for the Harrison High School project in the amount of \$21,000.00 and submitted by MacDougal & Pierce was approved as submitted. Maintenance Bond #105717693 for Huntington Farms Section 4 in the amount of \$5055.10 and submitted by Fairfield Contractors for approval by the Board. Tom Murtaugh made a motion to grant approval of Maintenance Bond #105717693 for Huntington Farms Section 4 in the amount of \$5055.10 and submitted by Fairfield Contractors. John Knochel seconded the motion. Maintenance Bond #105717693 for Huntington Farms Section 4 in the amount of \$5055.10 and submitted by Fairfield Contractors was approved by the Board.

### **Regulated Drain Updates**

Responding to Mr. Knochel's request, the Surveyor stated he would be willing to continue the status update on the following drains. Moses Baker #113, John Blickenstaff #11, John Saltzman #70 /2 Stage Ditch Regulated Drains. As there were no landowners present to comment regarding the drains, the aforementioned drain updates were continued to the April 4, 2012 meeting as requested.

### **John Hengst Regulated Drain #117 Amended Findings and Order**

The Attorney noted after review of the Findings and Order from the March meeting regarding the John Hengst #117 Regulated Drain Reconstruction, there were two typographical errors that need to be corrected. Those changes were the total watershed acreage amount (492.085 acres) and the amount of reconstruction assessment (\$150.00) due from Kopf Jerry W Patricia W State Key #79-08-23-300-004.000-009/ Previous Parcel #112-02300-0199. Therefore he read the Amended Findings and Order into the record as follows:

BEFORE THE TIPPECANOE COUNTY DRAINAGE BOARD- IN THE MATTER OF THE JOHN L. HENGST DRAIN #117:  
FINDINGS AND ORDER FOR RECONSTRUCTION AND ANNUAL MAINTENANCE AMENDED

This matter came to be heard upon the reconstruction report and schedule of assessments prepared by the Tippecanoe County Surveyor and filed on July 15, 2011 and **amended on March 13, 2012**. Certificate of mailing with notice of time and place of original hearing to all affected landowners was filed. Notice of publication of time and place of hearing in the Lafayette Journal & Courier, Lafayette Leader were filed. Remonstrances were filed. Evidence was presented by the Tippecanoe County Surveyor and landowners affected were present at original hearing date and time. A list of those present is filed herewith. After consideration of all the evidence, the Board does now FIND THAT:

- (1) The reconstruction report of the Tippecanoe County Surveyor and schedule of assessments were filed in the office of the Surveyor on April 18, 2011.
- (2) The Petition for Establishment of the John L. Hengst Drain as a regulated drain was filed November 30, 2010 and thereafter referred to the Tippecanoe County Surveyor for a report.
- (3) Notice of filing of the reconstruction report and the schedule of assessments and their availability for inspection and the time and place of this hearing was mailed to all those landowners affected more than thirty (30) and less than forty (40) days before the date of this hearing.
- (4) Notice of the time and place of this hearing was given by publication in the Journal & Courier and The Lafayette Leader newspapers of general circulation in Tippecanoe County, Lafayette Indiana more than ten (10) days prior to this hearing.
- (5) The legal drain consists of 200.00 feet of open ditch.
- (6) The legal drain consists of 9100 lineal feet of main tile and 2815 lineal feet of branch tile.
- (7) The present condition of the ditch is poor and in need of repair.
- (8) The ditch needs the following maintenance at present:  
Replace 2800 lineal feet of 18"(inch) tile and clearing.
- (9) There is now \$2626.16 owed to the General Drain Fund for past maintenance on this ditch.
- (10) **The total watershed acres was amended on March 13, 2012 by the Tippecanoe County Drainage Board to correct a clerical error only and reflect the true and correct amount of 492.085 acres of which the ditch drains.**
- (11) Estimated annual benefits to the land drained exceed repairs and maintenance costs and consists of general tile replacement.
- (12) A fund for annual maintenance should be established.
- (13) In order to provide the necessary maintenance fund, a reconstruction assessment of \$26.00 per Acre and a \$150.00 minimum over a five year period is recommended. This will generate \$12,832.50 per year and a total of \$64,164.00 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 \$12.00 per acre with a \$75.00 minimum.

(14) The assessment list filed herewith was amended to reflect the true and correct schedule of payment for the following landowner: Kopf Jerry W Patricia W State Key #79-08-23-300-004.000-009/ Previous Parcel #112-02300-0199. The amended schedule of assessment was due to clerical error on this parcel only.

(15) The amended assessment list filed herewith is fair and equitable and should be adopted.

(16) The amended assessment should be collected starting with the **May 2012** taxes.

**NOW, THEREFORE, IT IS ORDERED THAT:**

- (1) The John L. Hengst is a Regulated Drain under the provisions of Indiana Code 36-9-27, et seq.
- (2) In order to provide the necessary maintenance fund, a reconstruction assessment of \$26.00 per acre and a \$150.00 minimum over a five year period is recommended. This will generate **\$14,026.18** per year and a total of **\$70,130.90** 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 \$12.00 per acre with a \$75.00 minimum.
- (3) The **March 13, 2012 Amended Schedule of Assessments** filed herewith is adopted and made a part thereof.
- (4) The first annual assessment shall be collected with the **May 2012** taxes.

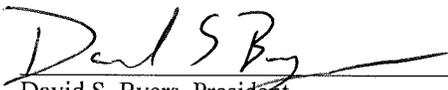
**DATED** at Lafayette, Indiana this **13th day of March 2012**. Tippecanoe County Drainage Board signature lines and attested by the Secretary. Tom Murtaugh made a motion to approve the Amended Findings and Order on the John Hengst #117 Regulated Drain as presented by the Attorney. John Knochel seconded the motion. The Amended John Hengst #117 Regulated Drain Findings and Order was approved as presented.

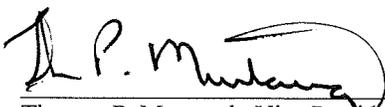
**Hearings**

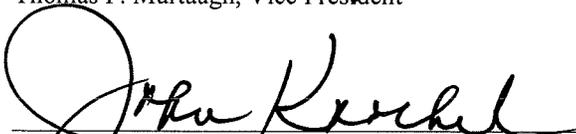
The Surveyor requested a reconstruction hearing date for the Combs Ditch located in Perry Township. His office received a Petition to Reconstruct for this ditch. Tom Murtaugh made a motion to schedule May 4, 2012 for a reconstruction hearing regarding the Combs Ditch to immediately follow the regular scheduled Drainage Board meeting on that date. John Knochel seconded the motion. May 4, 2012 immediately following the regular scheduled meeting, the Combs Ditch Reconstruction Hearing was scheduled.

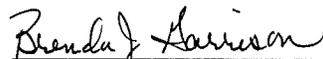
**Public Comment**

As there was no public comment, Tom Murtaugh made a motion to adjourn. The meeting was adjourned.

  
David S. Byers, President

  
Thomas P. Murtaugh, Vice President

  
John Knochel, Member

  
Brenda Garrison, Secretary

**Tippecanoe County Drainage Board**  
**February 1, 2017**  
**Regular Meeting Minutes**

**Those present were:**

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

**Approval of Minutes**

Tracy Brown made a motion to approve the January 4, 2017 regular Drainage Board Minutes as written. David Byers seconded the motion. Motion carried.

**Franklin Yoe #90 Regulated Drain/ G. Swanson #76 Regulated Drain Maintenance Bid(s) Opening**

David Byers referred to the Attorney for the reading of the submitted bids regarding the Franklin Yoe #90 Regulated Drain and the G. Swanson #76 Regulated Drain Maintenance Projects. Attorney Masson read the following:  
Regarding the Gustav Swanson Regulated Drain #76 Maintenance Project the bids were as follows:  
Tony Garriott submitted a bid in the amount of \$49,595.80; ADI submitted a bid in the amount of \$14,594.00; Huey Excavating submitted a bid in the amount of \$24,672.00

Attorney Masson recommended the bids be taken under advisement. Tracy Brown made a motion to take the submitted bids under advisement. Once bids were reviewed for compliance by the Surveyor's office Project Manager, the Gustav Swanson #76 Maintenance Project bid could be awarded at the end of the meeting. David Byers seconded the motion. Motion carried.

Attorney Masson read the Franklin Yoe Regulated Drain #90 Maintenance Project bids as follows:  
ADI submitted a bid in the amount of \$18,563.00; Tony Garriott submitted a bid in the amount of \$33,234.56 Attorney Masson recommended the bids be taken under advisement. Tracy Brown made a motion to take the submitted bids under advisement. Once the bids were reviewed for compliance by the Surveyor's office Project Manager, the Franklin Yoe #90 Maintenance Project bid could be awarded at the end of the meeting. David Byers seconded the motion. Motion carried.

**Drainage Board 2017 Professional Engineering Assistance Contract**

David Byers referred to the Surveyor regarding presentation of the 2017 Drainage Board Professional Engineering Assistance Contract. Surveyor Beasley noted he as well as Attorney Masson had reviewed the contract. He stated contract's rates had not changed from the past 3-4 years and he saw no additional changes. He recommended approval by the Board. Responding to Tracy Brown's inquiry, the Surveyor stated this was indeed at a cost savings to the county. He had previously in years past reviewed this issue. The cost for the services was approximately \$75,000 annually versus a minimum of \$130,000 cost for the exact work by an office staff member. Tracy Brown made a motion to approve the Drainage Board Engineering Assistance Contract as presented by the Surveyor. David Byers seconded the motion. Motion carried.

**Lafayette YMCA**

David Buck from BFS appeared before the Board to present the Lafayette YMCA for drainage approval. The site was located within the City of Lafayette at the existing Point East Mobile Home Park. The Board would review this project today for drainage purposes only. Mr. Buck stated a Petition to reduce the drainage easement on the S.W. Elliott Branch #13 was submitted for approval as well. The reduction in the drain maintenance easement would leave a 30 foot easement for maintenance of said branch. He noted they had received the January 12, 2017 Burke memo and was in agreement with the conditions as noted. He requested approval at that time for both the Petition and the project's drainage.

The Surveyor stated the Board's actions today were to approve the aforementioned Petition and the project's drainage only. He noted the project site drained to Branch #13 of the S.W. Elliott drain and continued southwest along Creasy Lane and eventually to the F-Lake Detention Basin. He recommended approval to the Board for the Petition to Reduce the Easement on the S.W. Elliott Branch #13 Drain as well as approval per the January 12, 2017 Burke memo recommendation. Tracy

presented. David Byers seconded the motion. Motion carried. Tracy Brown then made a motion to approve the Lafayette YMCA per the January 12, 2017 Burke memo recommendations. David Byers seconded the motion. Motion carried.

#### **Belle Tire (Lot 4A 26 Crossing Subdivision)**

Kyle Betz of Fisher and Associates appeared before the Board to request approval for the Belle Tire project. The site was located within the City of Lafayette and more specifically on Lot 4A in 26 Crossings Subdivision approximately ¼ mile from the interchange of I-65 and SR26. The site consisted of approximately 0.94 acres. This site was adjacent to the Alexander Ross Detention Basin. The site would drain entirely to the F-Lake detention facility. He stated they agreed with the January 25, 2017 Burke memo and requested approval for the project. The Surveyor stated the project had been reviewed and noted calculations were missing from their submittal. David Eichelberger stated calculations for the detention storage were not provided to date and that would need to be provided as soon as possible. The Surveyor agreed with the Consultant and reiterated those calculations should be provided and his recommendations were contingent on this. Mr. Betz agreed to review the report and provide those calculations to the Consultants as soon as possible. Tracy Brown made a motion to grant conditional approval as stated in the January 25, 2017 Burke memo. David Byers seconded the motion. Motion carried.

#### **USGS Geological Stream Gages WREC Contract Support**

Stan Lambert from Wabash River Enhancement Corp. (WREC) appeared before the Board to request financial and administrative support of the stream gages contract with the USGS Geological Services. He stated he was requesting to share the cost of the USGS Stream Gage Contract with the Tippecanoe County Partnership for Water Quality (TCPWQ). The streams were: Little Wea at Co. Rd. 800S, S.W. Elliott Ditch at old Romney Road and Little Pine Creek at Co. Rd. 850E with the contract covering the period of Jan. 23, 2017 through Sept. 30, 2017. He noted the data collected would be available on the USGS stream monitoring site on an hourly basis. This information was used as part of Water Quality monitoring by WREC and Purdue University. He noted Sara Peel from his office presented this to the TCPWQ and was given approval by their Board to go forward with support. The Surveyor stated he would review the TCPWQ Board minutes as the MS4 Coordinator to confirm the TCPWQ's intention was to contribute up to \$10,000.00 toward the overall cost of the contract. Tracy Brown made a motion to approve the contract amended \$10,000.00 amount as submitted with the condition the Surveyor as MS4 Coordinator confirms the TCPWQ support. David Byers seconded the motion. Motion carried.

#### **Franklin Yoe#90 Regulated Drain/ G. Swanson #76 Regulated Drain Maintenance Bid(s) Award**

Tracy Brown referred to Attorney Masson for the results of the submitted bids on the F. Yoe #90 and G. Swanson #76 Drain Maintenance Projects. Attorney Masson stated the bids were in order and the recommendation was to accept the low bid on each project. Tracy Brown made a motion to grant approval of the bid from ADI regarding the Gustav Swanson #76 and the F. Yoe Regulated Drain #90 Maintenance Projects as the low bidder on each project. David Byers seconded the motion. Motion carried.

#### **2017 Classification Report/2017 Drain Assessment Activity Report**

The Surveyor presented an active and inactive drain assessment list regarding county regulated drains with maintenance funds for approval by the Board. He reviewed the annual process for the Board. Tracy Brown made a motion to approve the Active Inactive Drain list as submitted by the Surveyor. David Byers seconded the motion. Tracy Brown made a motion to approve the 2017 Classification Report provided by the Surveyor. David Byers seconded the motion. Motion carried.

#### **Zach Beasley/Other Business**

##### **Appointment of Drainage Board member to Tri-County Board**

The Surveyor stated he was contacted by Benton County Surveyor David Fisher regarding the Sophia Brumm Joint Drain. The landowners have requested a joint meeting to discuss reconstruction of several lineal feet of the tile within the S. Brumm Drain watershed. The proposed time was February 21, 2017 at 10:00 a.m. at the Benton County Courthouse. An appointment from this Board was requested. David Byers noted there was a Commissioner Meeting at the same date and time. Tracy Brown made a motion to appoint Commissioner David Byers to the Sophia Brumm Tri-County Drainage Board as requested pending a new date and time is set due to conflict. David Byers seconded the motion. Motion carried.

##### **Outstanding Reconstruction Assessments**

The Surveyor informed the Board the five year reconstruction payment cycle was coming to a close on a few of the drain reconstruction projects. With that said there were a few landowners who had not paid any payments during this five year period. His understanding was these properties which had outstanding debt for the reconstruction of a drain should be included in the tax sale. He read Indiana Code 36-9-27-86 i.e. regarding the sale of the property due to outstanding drain

reconstruction assessments and referred to Attorney Masson for his direction. He stated he was seeking a recommendation from the Board to proceed as the code dictates in these situations. He noted financially, the deficit could adversely affect the General Drain Improvement Fund and future drain maintenance and reconstruction projects.

Attorney Masson clarified that only the land affected by the delinquency could be sold, that this was not a personal judgement but a liability which stayed with the land only. He would speak with the Auditor and Treasurer to clarify the issue and start utilizing the process in this county from which the code dictates. A lien on the property not the land would be sold. Attorney Masson would follow up on this issue and those landowners who may be affected by this code. He requested authorization to contact landowners who were affected by this regulation. He stated he would work with both the Treasurer and Auditor to set the process which this County can utilize to automatically go forward with the property lien sale when warranted. There was no public comment.

Tracy Brown made a motion to give authorization to the Attorney to begin the process by sending out delinquent reconstruction assessment letters to those landowners who were delinquent as well as listing them on the tax sale when appropriate. David Byers seconded the motion. Motion carried.

Tracy Brown made a motion to adjourn. The meeting was adjourned.

Below is the Surveyor's 2017 Classification Report less Exhibit A:

### **Classification of Drains**

**Per IC 36-9-27-34**

**February 2017**

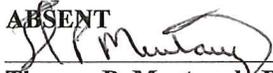
- 1.) Drains in need of Reconstruction
  - a. Elliott, S.W. (#100)
  - b. J.B. Anderson (#02) (Clarks Hill Portion)
  - c. Edwards (Not Maintained)
  - d. McBeth (Not Maintained)
  - e. F.E. Morin (#57)
  - f. Marion Dunkin (#25)
  - g. Huffman-Weimert (Not Maintained)
- 2.) Hearing and Rates Established in 2011, '12, '13, '14, '15 and 2016
  - a. Michael Binder (#10)
  - b. John Blickenstaff (#11)
  - c. Train Coe (#18)
  - d. Fred Haffner (#34)
  - e. E.F. Haywood (#35)
  - f. Mary Southworth (#73)
  - g. Franklin Yoe (#90)
  - h. Jess Dickens (#91)
  - i. Romney Stock Farm (#109)
  - j. John Hengst (#117)
  - k. Calvin Lesley (#48)
  - l. Audrey Oshier (#60)
  - m. Combs Ditch (#118)
  - n. Leader Newton (#115)
  - o. Thomas Ellis (#27)
  - p. John McFarland (#51)
  - q. Hester Mottsinger (#58)
  - r. J. Kelly O'Neal (#59)
  - s. Franklin Resor (#65)
  - t. Harrison Wallace (#82)
  - u. Eldora K. Lois (#119)
  - v. Frank Kirkpatrick (#45)
  - w. Elijah Fugate (#30)
  - x. Mary McKinney (#52)
  - y. Harrison Meadows (#37)
  - z. Shepherds Point (#121)

- aa. James Kellerman (#42)
  - bb. Alonzo Taylor (#77)
  - cc. Clymer Norris (#122)
  - dd. Crist Fassnacht (#29)
  - ee. Peter Rettereth (#66)
  - ff. Ann Montgomery (#56)
  - gg. Gustav Swanson (#76)
  - hh. Nathaniel W. Box (#12)
  - ii. Lydia Hopper (#124)
  - jj. Amanda Kirkpatrick (#44)
  - kk. John McLaughlin (#97)
  - ll. Martin Erwin (#28)
  - mm. Waples McDill (#85)
- 3.) Urban Drains  
(I.C. 36-9-27-68 Urban Drains are classified as in need of Reconstruction)
- a. S.W. Elliott (#100)
  - b. Julius Berlowitz (#8) (Include Filbaum)
  - c. Alexander Ross (#48)
  - d. Cuppy McClure
- 4.) Drains in need of Periodic Maintenance  
*Please see attached sheet-Exhibit A*
- 5.) Insufficient Maintenance Funds
- a. E.W. Andrews (#03)
  - b. Floyd Kerschner (#43)
  - c. F.E. Morin (#57)
  - d. John Saltzman (#70)
  - e. Ray Skinner (#71)
  - f. Abe Smith (#72)
  - g. Joseph Sterrett (#74)
  - h. William Stewart (#75)
  - i. John Toohey (#79)
  - j. John Vannatta (#81)
  - k. Suzanna Walters (#83)
  - l. J.B. Anderson (#02)
  - m. Dismal Creek (#93)
  - n. Moses Baker (#114)
  - o. Grant Cole (#19)
  - p. Shawnee Creek (#94)
  - q. Kirkpatrick One (#96)
- 6.) Proposed Drains for hearing in the near future / Request these drains be referred to Surveyor for preparation of Maintenance Report)
- a. Andrew Brown (#13)
  - b. F.E. Morin (#57)
  - c. Parker Lane (#61)
  - d. John Vannatta (#81)
  - e. Dismal Creek (#93)
  - f. Beutler Gosma (#95)
  - g. Jacob Taylor (#78)
  - h. E.W. Andrews (#03)
  - i. Suzanna Walters (#83)
  - j. Jesse B. Anderson (#02)
  - k. Floyd Kerschner (#43)
  - l. Joe Sterrett (#74)
  - m. Moses Baker (#114)
  - n. Grant Cole (#19)
  - o. Shawnee Creek (#94)
  - p. Kirkpatrick One (#96)
  - q. John Saltzman (#70)

- r. Ray Skinner (#71)
  - s. Abe Smith (#72)
  - t. William Stewart (#75)
  - u. John Toohey (#79)
- 7.) Drain Assessments recommended to be raised 25% starting May 2015  
No Maintained Regulated Drains Applicable in 2017
  - 8.) Petition for New Regulated Drain referred to Surveyor
    - a. Huffman Weimert Drain (Town of Buck Creek)
  - 9.) Existing Drains referred to Surveyor for Report
    - a. Julius Berlovitz(#08) (Remaining Phases)
    - b. F.E. Morin (#57)
    - c. Huffman Weimert (Not Maintained)
    - d. Marion Dunkin (#25)
  - 10.) Drain that should be vacated
    - a. That portion of the Felbaum Branch (Part of Julius Berlovitz #08 Regulated Drain) East of County Road 550East

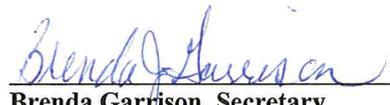
*Please see Classification of Drains- Exhibit Aon file in the Tippecanoe County Surveyor office and Office of the Tippecanoe County Auditor*

ABSENT

  
 \_\_\_\_\_  
**Thomas P. Murtaugh, President**

  
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**David S. Byers, Vice President**

  
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**Tracy Brown, Member**

  
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**Brenda Garrison, Secretary**