

Minutes of the Regular Meeting of the Tippecanoe County Drainage Board, March 2, 1971.

Synopsis of

Present at Meeting Minutes of the Regular Meeting of the Tippecanoe County Drainage Board held in the County Commissioner's Room in the Tippecanoe County Court House at 9:00 a.m., on Tuesday, March 2, 1971. Those present at the meeting were: Bruce Osborn, Chairman, Dale Remaly, Vice-Chair., Edward Shaw, Board Member, G. Richard Donahue, Atty., Gladys Ridder, Sec'y., John Garrott, Surveyor and Larry Clerget, Deputy Surveyor. Others attending were Ernest O. Goodwin, John A. Rusk, Dan Ruth, Jr. and Roy Smith.

Minutes approved The minutes of the February 2nd meeting were read and approved. Motion was made/for approval, seconded by Dale Remaly and made unanimous by Edward Shaw. by Bruce Osborn,

Drains for consideration Mr. Roy Smith, manager of Collins Farm Management Service, appeared to procure information as to the progress being made on a former request for repair on the Train Coe Ditch, in Lauramie township and to make known the needs of the F. Kirkpatrick ditch in Randolph township and the Shawnee Creek Drain in Jackson township.

Engineer hired With the hiring of a registered engineer, Mr. A. D. Ruth, Jr., who will take the position as of March 8, 1971, the Board plans to set up as many ditches or drains for maintenance as time will allow. As the law specifies notification of those whose land lies in the watershed area of any given ditch to be notified at least 30 days before a hearing, it was decided that the first hearings would be in May.

Adjourned Upon motion to adjourn by Bruce Osborn, seconded by Dale Remaly and made unanimous by Edward Shaw, the Board adjourned .

Bruce Osborn
Bruce Osborn, Chairman

Dale Remaly
Dale Remaly, Vice-Chairman

Edward J. Shaw
Edward Shaw, Board member

ATTEST:

Gladys Ridder
Gladys Ridder, Secretary

The Tippecanoe County Drainage Board met Wednesday, August 7, 1985 in the Community Meeting Room of the Tippecanoe County Office Building, 20 North Third Street, Lafayette, Indiana for the regular meeting at 8:30 A.M.

Chairman Bruce V. Osborn called the meeting to order with the following in attendance: Bruce V. Osborn Chairman, Eugene R. Moore and Sue W. Scholer Board Members, Michael J. Spencer Surveyor, Fred Hoffman Attorney, George Schulte Drainage Engineer, and Maralyn D. Turner Executive Secretary. Others in attendance are on file.

SHAWNEE CREEK

David Nesbitt property owner, presented pictures of Shawnee Creek in the area of which he has concern. Description of the area is Sec. 36, of Jackson Township extending to road 1300 South through Todd Farm to Nesbitt/Todd property line, a distance of 160 rod. Shawnee Creek from 1300 South through remainder of Tippecanoe County has been kept in good condition (Tippecanoe/Fountain County Line). This has been kept clean by the property owners along the Shawnee Creek. Area in question is the 160 rod. Mr. Nesbitt has tried to talk to the property owner and gets no place. Mr. Nesbitt wants to know what his options are to make this a county ditch. After finding his options he is willing to contact the other property owners to proceed in making Shawnee Creek a legal ditch. Discussion: Is Shawnee Creek a Legal Drain? Michael Spencer gave the following report. In 1947 a petition to reconstruct clear into Fountain County is on file, and in 1952 ended up in court, at that time some changes were made. There is no Maintenance Fund. Files do not state the facts. Question is it a legal drain or does it come under Natural Resources statue. A County tile empties into Shawnee Creek south of 1300 South. Mr. Spencer stated that this is a legal question as property owner won't let Mr. Nesbitt on his property to see what can be done. Mr. Nesbitt is willing to do work at his own expense. Mr. Hoffman will check Tippecanoe County Superior Court records of Cause #279-1948. He will then let Michael Spencer know his findings. If this is a legal stream the property owner does not have to let him on his property, but if it is a legal drain he can go on other property, If it is a stream, to make it a legal drain will have to contact the Natural Resources Department to get permission. Guessing that it was a legal drain, would there be more acres in another county (still need to find the facts). Michael Spencer feels that Tippecanoe County has more acres in the watershed area than Fountain County, there would be some drain into Montgomery County. Michael Spencer will let Mr. Nesbitt know the findings and what procedures he will have to do to proceed with this matter. Mr. Nesbitt is just interested in the 160 rods, no further.

SEASONS FOUR PART II

Alfred Buckley developer of property on South 18th Street, Summertime Trail, and 300 South along the Elliott ditch. Drainage Board had passed on 200 lots in 1979, builder allowed the preliminary plat to expire on parts, the developer is now going at it piece by piece, 19 lots have been developed, approval has been given for an additional 24 lots which drainage has been approved on in the past, a larger detention pond has been installed along Summertime Trail and South 18th Street (six years ago within the old ordinance). Approval had been given National Homes in 1973, all the developer is asking for at this time is reapproval for the 24 lots. John Fisher was engineer for the original and now Paul Coutts is the engineer for the project. Construction Plans are the same except two lots have been taken out making the lots bigger than what they originally had been, increasing the frontages by 10'. Changes are in the Construction Plans not the drainage plans, changes in construction plans decreases the run off. Michael Spencer and George Schulte stated all were in compliance with drainage ordinance. Sue W. Scholer moved that approval be given on the revised Construction Plans for Seasons Four Part II, seconded by Eugene R. Moore, Unanimous approval given.

BUCKRIDGE PART I

Buckridge
Part I

David Kovich developer ask for Final Drainage Approval for Buckridge Part I. After discussion Sue W. Scholer moved to give conditional final approval on Buckridge Part I and that developer be notified by letter as soon as the board receives maintenance bond and has as built plans. Seconded by Eugene R. Moore, Unanimous approval given.

DISMAL CREEK

Dismal
Creek

Chairman Bruce V. Osborn ask about Tax Assessments being sent for Dismal Creek. Michael Spencer stated that the board had thought they had information for spring billings in the Auditor's office, but the Auditor said it was received too late, therefore the board requested the Auditor send billing for spring and fall now. Mr. Hoffman stated to have billings sent as soon as they are ready for both installments, it would be legal.

Mr. Osborn had to leave the board meeting, Vice Chairman Eugene R. Moore continued the meeting.

MCCARTY LANE INDUSTRIAL SUBDIVISION

McCarty
Lane
Industrial
Subdivisio

Pat Cunningham representing McCarty Lane Industrial, Robert Verplank developer ask for Preliminary approval for 21.5 Acres, watershed area is in subbasin which consists of 44 acres that drains south to McCarty Lane then East along McCarty Lane to a catch basin, water goes into tile that goes on east in an underground tile, outletting in to the Layden branch of Elliott ditch which goes onto the Wilson Ditch. There are two 24" catch basins on east on each side of road. An 18" and 24" corrugated pipes under road act as an equalizer for surface water. This is in city, but board is asking for approval since the site is tributary to Elliott Ditch. Putting Detention Pond in SE corner on Lots 17 & 18 from there it will outlet into McCarty Lane side ditch, it has been designed for 10 and 100 year storm event as County requires. Evaluation was done at the 2-24" catch basin at 100 year, could get 100 cfs going to the area, after development 100 year 90 cfs would be decreasing the over all 100 year effect. Capacity of 24" pipes are about 50 cfs, they were never designed to carry 100 year rain. Question was ask about water back up. Mr. Cunningham said that most county drains were built on 10 and 50 year storm events, therefore there would be some back up on the 100 year. Mr. Spencer stated that the run-off caculations meet the drainage ordinance requirements. Question: What are you going to do with the 10 inch catch basin, are you going to grade to the east and go all the way to where the old Layden ditch crossess or stops at the 10" catch basin? George Schulte stated he was satisfied with the calculations which Pat Cunningham has presented on the existing conditions, he would like to see all drainage go to the Kepner Ditch, as it is the only positive outlet in the area. Mr. Cunningham will have to get approval from the City for his set backs etc. Sue W. Scholer moved to give preliminary approval to McCarty Lane Industrial Subdivision for Part I and Part II. Seconded by Eugene R. Moore, motion carried

INTERNATIONALCHURCH OF THE FOUR SQUARE GOSPEL

Intl'
Church of
the 4
Square
Gospel

John Fisher engineer for the development ask for Final Approval of Drainage Plans. Mr. Spencer stated that Mr. Fisher had presented plans at the July board meeting, but there had to be somethings added to the plans, eroision control, side slopes, cross section of detention area, Construction Plans are in the surveyors office and they meet all requirements. Sue W. Scholer made motion to grant final approval to International Church of the Four Square Gospel drainage plans. Seconded by Eugene R. Moore, motion carred.

MCCUTHEON HEIGHTS SUBDIVION PART II

McCutheon
Heights
Subdivison
PartII

John Fisher ask the board to go out and make an inspection of the area. Michael Spencer stated he had been to the area, the board agreed to go to the site.

There being no further business the meeting adjourned at 9:35 A.M.

Bruce V. Osborn Chairman

Sue W. Scholer Board Member

Eugene R. Moore Board Member

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

April 2, 1986 - Regular Drainage Board Meeting

April 2, 1986
Tippecanoe County Drainage Board

The Tippecanoe County Drainage Board met Wednesday, April 2, 1986 at 8:30 A.M. in the Tippecanoe County Office Building, Community Meeting Room with Chairman Bruce V. Osborn calling the meeting to order.

Those present were: Bruce V. Osborn Chairman, Eugene R. Moore and Sue W. Scholer Board Members, Michael J. Spencer Surveyor, George Schulte Drainage Board Engineer, J. Fredrick Hoffman, Drainage Board Attorney, and Maralyn D. Turner Executive Secretary, others present are on file.

Maple Point Enterprises, Inc. was ask to present their request, not all representatives were present, therefore they ask to be heard later.

CROXTON WOODS

CROXTON
WOODS

Robert Grove representing Croxton Woods Developer Mrs. Croxton, ask for final drainage plan approval. Project has been reviewed by Michael Spencer and George Schulte along with Mr. Grove. Michael ask questions in regards to: 1) Inlet structure behind Flower Shop on tile that comes under building. 2) Maintenance. Mr. Grove stated that he is not sure who would take care of the maintenance, he would have to ask the owner and her attorney as to who they want to handle maintenance. Mr. Hoffman suggested that it would be the county. Mr. Grove agreed. This would have to be to the outlet. Doesn't do any good to the upper part without the lower. Michael Spencer pointed out that this is underneath Teal Road and State Road 43, outlet crosses under building, into Durkee's Run on to the Wabash. After hearing this, Mr. Hoffman withdrew his statement. Mrs. Croxton owns the office building next to the Flower Shop, two ravines come down and tie together behind the office building, tile is 30" concrete tile (behind Building) goes on west under State Road 43. Mr. Hoffman ask what would happen if the people would put up a wall to keep water from getting to the ravine. Mr. Grove said that it would just push the water back up the ravine. Sue Scholer ask, at this point the water has been getting out, correct. Michael Spencer stated yes, but must realize there has been no development above to create a problem. Bruce V. Osborn ask, Land to be assessed for the maintenance, who is the owner? Mr. Grove stated that it depends on how the outlet is described. Mrs. Croxton owns the area, is planning on selling the office portion, the ravine comes down cuts across the Flower Shop, she now owns 98% and doesn't own the outlet. No one knows who owns the Flower Shop. After much discussion. Mr. Grove stated that Mrs. Croxton did not create the problem and they are doing everything that they can. Mrs. Croxton has given up a lot (\$7,000.00) to help the situation, more would cost her another \$3,000.00. Question, Could the other people help out? Would like to see the other people help. Legal Drain: Mr. Grove was ask if he could get their concurrence to make a legal drain, he stated he didn't know, would have to talk with the landowners. Mr. Hoffman stated that a meeting should be held with all property owners. Michael Spencer stated that it really is just Mrs. Croxton, the Flower Shop owner and the State Highway Department. Mr. Hoffman ask that a letter be sent to the property owners and the State Highway Department, with the State Highway Department see what they have in mind for the future. Mr. Bruce V. Osborn ask that Mr. Grove get the names so that a letter could be sent to the property owners. No action was taken. Mr. Grove will bring information back to the June 4, 1986 Drainage Board Meeting.

MAPLE POINT ENTERPRISES, INC.

MAPLE
POINT
ENTERPRISES

Joe Bumbleburg attorney, Judith Hammon President of Development, and Mark Houck engineer were present, Mr. Bumbleburg stated that they have two(2) kinds of problems, one a technical problem which Mark Houck presented later in the meeting in regards to Storm Events with Hobbies Ditch and the Wilson Branch. The other the board received a letter dated March 27, 1986 asking for the approval on two items: 1) Ditch side slopes - approval to MPE to change the existing slopes from a 2:1 ratio to 3:1 ratio. 2) Easement reduction - approval to reduce existing easements from 75 feet from the top of each bank to 25 feet. These matters had been discussed with Michael Spencer. The Board will give approval to change slopes under the guidance of the Surveyor. Bruce B. Osborn ask, you want to reduce easement to 25' on both sides? YES! Sue Scholer ask if this was in essence from the last presentation? YES! Michael Spencer said he could live with the reduction, but it was up to the Drainage Board. This is in an urban area and it is inevitable that dirt will have to be hauled, he feels this is enough room to haul dirt. Bruce Osborn disagrees with the surveyor, Mr. Osborn stated, he personally would be willing to give reduced easement on one side, maintain the 75' on the other, option would be the developer. Mr. Bumbleburg ask, on the side that is chosen for the 75' would the board entertain a request for an encroachment so the developer could use it for parking etc. Bruce stated that this had been done previously, but it needed to be understood that it may have to be torn up at some time at the owners expense. Michael stated that the dirt can not be spread on parking lot. Discussion in regards to spoil on the 75' easement. What happens to the spoil? Mark Houck feels the development in the area there would be no problem with spoil, he feels the area is not going to deteriorate. Mr. Osborn feels there should be no holding facility on an easement. Sue Scholer assumed the developer had come back with request because of the discussion in the last board meeting, March 5, 1986, their concern of having detention on the easement and then who is going to maintain them and the problem that may come. As it looks they have not eliminated wanting to use detention storage. Encroachment would be to the detention not the parking lot? Mark Houck stated, NO in response to the last meeting, instead of asking for 25' open space-10' one side plus putting both in easement. Can we reduce the easement thereby get those things out of the way. This would move this over and would provide access on both side of the ditch if a 10' were insignificant. Mark thought this was the major complaint at the last meeting. Originally they had plans to have one big lake, now they are looking at several small lakes, have stuck with the 75' easement, pond will be dry most of the time. Board would like for them to come in with the side they want to reduce. Again Sue Scholer stated she feels that the board is looking at plans today that the developer will bring back at the next meeting, answer is yes. They are trying to hold twice as much water that they are required to hold. In the long run as the entire watershed is developed. After much discussion. Sue Scholer moved to approve request for changing ditch side slopes of the existing side

April 2, 1986 Drainage Board Meeting Continued

slopes from a 2:1 ratio to 3:1 ratio under the guidance of the County Surveyor seconded by Eugene R. Moore, unanimous approval.

Eugene R. Moore moved to give approval on reduction of easement to 25' on one side and 75' on the other after the 3:1 slope and the developer have the choice of the side, seconded by Bruce V. Osborn, motion not carried as the board voted 2 to 1.

ILGENFRITZ ILGENFRITZ

Michael Spencer had a call from Mary Ann Smith a property owner, banks have broken out, he feels that sand bags will not hold it any longer, therefore he requested permission to hire a bull dozer to push the banks back up, would really like to have a dredger, but bull dozer will do. The area that needs repairs is on the easement, Alvin Pilotte property. Eugene R. Moore moved to give the surveyor permission to get a bull dozer to push the bank up, seconded by Sue W. Scholer, motion carried.

BRITT DRAIN BRITT DRAIN:

Mr. Hoffman ask the board to give the Britt Drain property owners a time limit for the Maintenance Agreement to be presented as it has gone to long. Eugene R. Moore moved to give the property owners six months from todays date, April 2, 1986 (time Limit) to have Maintenance Agreement signed and work completed, seconded by Sue W. Scholer, Unanimous approval.

ELLIOTT DITCH ELLIOTT DITCH

Michael wanted the board to know that we had print outs of the ditch and had discussed with the Data Processing Director ways to be helpful in making mailing etc for a hearing, after much discussion Eugene R. Moore and the board suggested the Drainage Board go before the Data Board at their April 7, 1986 meeting 10:00 A.M.

HOFFMAN DITCH HOFFMAN DITCH

Michael said holes had been dug and they had got shots for elevation, George Schulte, Robert Gross and he had walked the ditch, they will be getting plans and cost to the board soon.

SHAWNEE CREEK SHAWNEE CREEK
JAMES PARLON

A hearing will be at the next board meeting May 7, 1986 at 9:00 A.M. James Parlon Ditch is already a legal ditch, the hearing is to make the Shawnee Creek a legal drain, then combining the Shawnee Creek and Parlon ditch into one legal drain, Shawnee Creek.

BUCK CREEK DITCH BUCK CREEK DITCH

Eugene Moore and Bruce Osborn had attended a reorganization meeting of Joint Board, Tippecanoe County and Carroll County for the Buck Creek Ditch, Michael Spencer surveyor was in attendance.

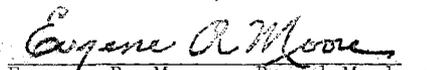
HADLEY LAKE HADLEY LAKE PROJECT

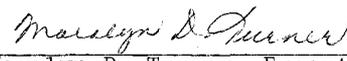
George Schulte wanted the board to know that he and the surveyor will attend a meeting April 9, 1986 in Indianapolis with the Department of Natural Resources, George will be presenting proposed reconstruction plans and recommendations.

There being no further business to come before the board, the meeting was adjourned at 9:50 A.M.


Bruce V. Osborn, Chairman


Sue W. Scholer, Board Member


Eugene R. Moore, Board Member

ATTEST: 
Maralyn D. Turner, Executive Secretary

The Tippecanoe County Drainage Board met Wednesday, May 7, 1986 at 8:30 A.M. in the Tippecanoe County Office Building, Community Meeting Room, 20 North Third Street, Lafayette, IN.

Chairman Bruce V. Osborn called the meeting to order with the following in attendance: Bruce V. Osborn Chairman, Eugene R. Moore and Sue W. Scholer Board Members, Michael J. Spencer Surveyor, George Schulte Drainage Engineer, Fred Hoffman Attorney, and Maralyn D. Turner Executive Secretary, others in attendance remain on file.

MAPLE POINT ENTERPRISES, INC.

Joe Bumbleburg attorney, for the Maple Point Enterprises, Inc. presented the board a Special Hydrologic Conditions in the Watershed Tributary to Branch 13 of the Elliot Ditch drawn by Omttek Engineering, Inc. The information presented and maps will help the Drainage Board in the future for development. The information and maps are on file with Maple Point Enterprises, Inc.

Michael J. Spencer surveyor, presented letters received from Fairfield Contractors, Inc. signed by William R. Davis General Manager, and Fauber Construction Company, Inc. signed by Michael D. McTague, letters were in regards to Ditch Maintenance easement requirements. reduction of easement, they stated that they can clean ditches in reduced easement. Copy of letters were sent to Joe Bumbleburg attorney.

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May 7, 1986 Drainage Board Meeting Continued.

SHAWNEE CREEK AND JAMES PARLON DITCH

SHAWNEE CREEK/
JAMES PARLON DITCH

The Drainage Board called meeting to order for the hearing of Shawnee Creek and James Parlon Ditch 9:00 A.M. Michael J. Spencer surveyor stated that Shawnee Creek was an open drain and that petitions had been received requesting to have Shawnee Creek made a legal drain, the James Parlon ditch is a tile ditch runs east and outlets 200 feet south of road 1300 south, Michael had talked with Mr. Hoffman in considering making a combined ditch since the James Parlon ditch shares the same outlet. Michael requested to change the original James Parlon ditch assessment lists deleting 80 acres of Richard H. Shaw and 8.13 acres of Helen Shirley. Ernest Todd son of Home Todd had question in regards to 18 acres which is already on James Parlon assessment, in his notice it had been included in notice of hearing. Parlon Ditch has reached its four year assessment. Correction will be made. Others to be corrected will be Mary and William Goings, Richard Shaw, and Nesbitt Farms, Inc. Claire Meharry feels that the open ditch needs to be cleaned, he questioned how much it would benefit his lands as he feels he is quite a distance from the ditch. After discussion with Mr. Meharry, Michael said he would check out the area to be sure of the assessment as Mr. Meharry feels the way the land slopes, doesn't benefit his land that much. Eugene R. Moore moved to combine the Shawnee Creek and James Parlon Ditch as one legal drain, seconded by Sue W. Scholer, Unanimous approval. Eugene R. Moore moved to establish a Maintenance Fund for the Shawnee Creek drain \$1.00 per acre assessment, seconded by Sue W. Scholer, Unanimous approval. Bruce V. Osborn Chairman had to leave, Vice Chairman Eugene R. Moore ask if there was any more business to come before the board at this time, there being none the meeting adjourned at 9:10 A.M.

Bruce V. Osborn

CHAIRMAN

Sue W. Scholer

BOARD MEMBER

Eugene R. Moore

BOARD MEMBER

ATTEST: *Maralyn D. Turner*
Executive Secretary

February 4, 1987

February 4, 1987
Tippecanoe County Drainage Board

The Tippecanoe County Drainage Board met Wednesday February 4, 1987 at 8:30 A.M. in the Community Meeting room of the Tippecanoe County Office Building, 20 North Third Street, Lafayette, Indiana with Chairman Bruce V. Osborn calling the meeting to order.

Those present were: Chairman Bruce V. Osborn, Board Member Sue W. Scholer, Surveyor Michael J. Spencer, Drainage Attorney J. Frederick Hoffman, and Executive Secretary Maralyn D. Turner. Others present are on file.

BRAMPTON APARTMENTSBRAMPTON
APRTMENTS

Dennis Grump engineer of Schneider Engineering representing Cardinal Industries, Inc. project Brampton Apartments. Mr. Grump turned the meeting over to Richard Bovey attorney as he is the counsel for Cardinal Industries, Inc. Mr. Grump also introduced Jack Cogley Land Representative, Bill Martin District Representative, and Don Thomas from Cardinal Industries, Inc.. Jack Southerland Director of Engineering Services and Bruce Nicholson Registered Professional Engineer from Schneider Engineering Corporation.

Richard Bovey attorney representing Cardinal Industries, Inc. the developer of Brampton Apartments Phase I. They are requesting the board to fulfill its commitment to the developer to issue final approval of the plans for the drainage for Phase I. The records of the hearings held June 1986, through December 1986, and January 7, and January 12, 1987 reflects that the board has basically committed upon one final condition to issue clearance for the development of Phase I provided the developer submit a petition to reconstruct the legal drain namely Branch 13. The developer has met these conditions, it did retain counsel, it did cause a petition for reconstruction to be drafted prepared to be duly signed and notarized by one of the effected landowners involved. Mrs. Janet Lanie, Trustee of Krick Land Trust who owns more than 10% of the land involved that petition was submitted and filed on January 29, 1987 in the surveyor's office at 3:50 P.M. They are now requesting final clearance from the board. The developer is very anxious to get along with the construction of Phase I. Phase I has approximately 4 acres. There are not other Phases being developed at this time.

Bob Gross from H. Stewart Kline Associates reviewed the storm calculations for the area, he had prepared a drainage map and stated that it is close to what Dennis Grump had presented. Mr. Grump agreed, however area 5, they had more area going back to the basin. Mr. Gross stated he used the rational method to get the predeveloped condition, came up with a Q 10 of 4.8 cfs. Mr. Gross stated that post development uncontrolled runoff would be 1.8 cfs, therefore the post development release rate would be 4.8 cfs minus 1.8 cfs uncontrolled leaving 3 cfs as their post development release rate from the basin. Mr. Grump's calculations showed 2.2, this was less than the 3. Storage volume would be 1.33 acre feet. Using that storage volume the depth would be about elevation 42.5. Dennis Grump stated that their invert where the water flows out was elevation of 40 and storing (about) to elevation 42.05, storing about 2 feet in the detention area. Mr. Gross said the only problem is with the out flow control device with that much head of 42.5 you are pushing down over the capacity of the tile. The way he arrived the capacity was from the ACS tile drain. Mr. Grump ask what he arrived at for the tile capacity? For a new tile capacity between 1.6 and 2.5. Mr. Grump stated that they were indicating under manning's equation for that type of material they were indicating a 2.58. Mr. Gross's concern is the amount of acreage draining into the tile, the minimum drainage coefficient is $\frac{1}{4}$ per 24 hours and the maximum area that will drain into the tile at full capacity would be around 200 acres. if he were to design a tile for 200 acres he would use $\frac{1}{2}$ " drainage code efficient which would put it into an 18" tile. The present tile is a 14". Question was does it drain more than 200 acres, the answer is yes Michael doesn't think there is 200 acres upstream from the development as the tile goes down stream it is obviously larger, 18" at the outlet. Mr. Osborn ask Judith Hammon how many acres she had in her development, she has 90 acres. Michael stated that what Mr. Gross has told us the predevelopment run offs are fine, after development are fine, detention basin is sized right, release rate is alright except what they have on the plans. Dennis Grump again stated the fact all understand that this is an agricultural tile and this is why Cardinal is committed to spearhead the petition in order to get something done. The area is beginning to develop and the drain will not be adequate for an urbanized situation. He doesn't disagree about the large amount of water in the area. Judith Hammon ask question. Not only is the area inadequate for development as she understands it if they are putting that much water into the tile in their holding pond, the acreage above that tile that uses the tile won't be able to do so. The development would be hurt from the first tile down flow, but the agricultural tile will have to hold water longer than what it usually does. Therefore it isn't only urbanization that is being the problem. Agricultural land is hurt too. Mr. Grump agreed to some degree with Judith Hammon, but it is important to look at the time frame with which the different areas contribute to the tile. Subsurface drains that the tile provides to the agricultural area typically the maximum capacity of that pipe is achieved approximately a day after the rain because the water is absorbed through the ground. In their situation they get a detention area and a direct link to the tile. In a matter of 4-6 hours are contributing and then it begins to decrease long before the agricultural drain or agricultural requirement is achieved. Bruce V. Osborn asked about reconstruction? Michael Spencer stated a petition has been received that is more than 10% of the watershed area. A hearing will have to be set, notify all landowners which will take 30-40 days, have the hearing, this could be 6 months to a year by the time engineering is completed and physically have the construction done. Judith Hammon ask if all the overland came to this pipe through Branch 13? She stated right now predeveloped all is overland water which flows onto her land. Schneider Engineering personnel stated not necessarily does the overland water go onto her land, just as it exists now. Judith stated they are getting overland water off of Haggerty Lane into her property. Will this tile system take care of the overland water? Answer was it was not designed to when it was installed. Surface drainage and subsurface drainage water can't get into the tile unless it seeps through the ground or has an open inlet. Judith ask what the development overland water was going to do with this system. The overland water in two basin would flow into inlets which does come back to an overland situation, but it is the same water that she is getting now. They will be solving the area in building the experience would be no worse that what it has been. The condition that is happening now is preventing Maple Enterprises from developing, this is a constant battle. Question is: This isn't a natural drainage course. It is a common drainage procedure handle offsite water.

Mr. Grump stated he was not saying that there would not be any overland water he is saying that the rate that it goes to Judith's land will be no worse than it is now. This has been explained above. Some of the area does go into the culvert therefore some is backed off and routing it back through the Brampton Apartment system. Sue W. Scholer ask how long it would take to drain their detention area? Take between 6-10- hours from beginning of rainfall. Judith Hammon is concerned about the overload on the branch. Until the branch is reconstructed this is a potential situation. Bruce Osborn ask if Ms. Hammon's land was on the west side of Ross. Property is on both sides of Ross. The thin narrow line between Ross Road and 38, then 70 acres on the other side to 52. Branch 13 and Wilson Branch of the Elliott ditch converge on her property. She is dealing with two watersheds. Judith explained that the overland water from the area in question goes under a 12' culvert under 38 and then spews openly onto a 13 acre strip between 38 and Ross Rd, at the present time it is agricultural, it either stands or eventually drains through Branch 13. Sue W. Scholer ask what total acreage was in the watershed? Michael is not sure how many acres are above 38 or below 38.

Mr. Hoffman stated that Mr. Bumbleburg is going to take his name off the petition for reconstruction and Richard Bovey's name as attorney will appear, a letter to that fact was attached to the petition. With these changes Mr. Hoffman found the petitions to be in order.

Sue W. Scholer stated the board is obligated to go on with Phase I, the board can not allow any more Phases to be developed until reconstruction of Branch 13 is underway. The board is addressing additional problems that are associated with development as it moves farther into the watershed area. Mr. Hoffman ask the total number of acres on the petition. Michael Spencer stated that the property owners who signed have more than 10%.

Sue W. Scholer ask about additional right of way was dedicated she wanted to know if it was 50' from the center line. Correct. There is a 100' total right of way for road reconstruction, at least 50' on their side. Mr. Cogley stated his engineers have told him they are going to allow for four lanes with ample room to construct. He stated they are a very short distance from road that merges with State Road 38 if there is an issue of necessary or increased roadway beyond project after preliminary approval he doesn't feel this is another issue that will affect their development. Mr. Osborn just wanted everybody to understand so if something happens later you can't come back and say we did not tell you.

Michael Spencer stated the only comment he might have which could be a personal one is: He would still like to see Cardinal petition even though they do not have 10%. Representative of Cardinal stated Cardinal Industries, Inc. filed the petition in the Recorders office 2/3/87. Michael J. Spencer's recommendation is that Cardinal Industries, Inc. not be allowed to outlet into the tile. Their surface run off and their release rate is less than their 10 year before development run off.

Dennis Grump commented that he had discussed this with Michael Spencer surveyor and George Schulte who at that time was with H. Stewart Kline and Associates about using the tile understanding that they had an agricultural tile and the detention would have to be provided. This discussion was back in 1986, it was decided to proceed that way. Drainage Board gave preliminary approval at that point they proceeded to use the tile and want to continue to do so.

Mr. Bovey ask to make a few brief comments. It is Cardinal's understanding after a fairly long process of going through repeated hearings that after the last hearing January 12, 1987 the only condition would be the submission of the petition for reconstruction of legal drain Branch 13. No other conditions. That condition has been filled and on file. They are willing to place it on record, Cardinal's signature. He felt it improper and certainly beyond commitment they do consider it to be a binding commitment made at the January 12, 1987 meeting with Cardinal Industries, Inc. and any new conditions be added with respect to final approval of drainage plan for Brampton Apartments Phase I. This was the only issue properly before the board today.

Mr. Osborn ask if he wasn't going to have problems with Michael Spencer's statement? Mr. Bovey said there was some mention that they couldn't use the outlet. If that new condition is thrown in now it will cause a whole new scheme. They don't feel this is appropriate or proper. Mr. Osborn stated, drainage isn't an ordinary element. You have to live together and give. Mr. Bovey stated Cardinal has been a very responsible developer. They have in good faith complied, but if conditions continue to be added to final conditions they will never get out of a never ending battle. This has gone too long and the developer is anxious to be a good neighbor. They are not out to hurt anybody down or up stream. It is obvious that there is an inadequate situation with respect to the existing legal drain. They are willing to cooperate and work with all people involved after a cost benefits study is done by the County Surveyor, they will do their fair share. They feel their 4 acres which is less than 1% will not create adverse impact upon any one.

Mr. Hoffman wanted to make sure that petitions had been signed. Cardinal Industries, Inc. has signed and there's was recorded the petition signed by Mrs. Janet Lanie has not been recorded, it is in the surveyors office.

Judith Hammon stated that 200 acres southeast of Lafayette are creating alot of drainage problems. A Task Force has been developed to address the problems in 1600 acres. Extensive research has been done. She isn't trying to stop the project, she is asking for a sense of responsibility. Mr. Cogley and a witness sat in her office as she tried to explain the problems. Mr. Cogley stated he didn't have the time nor did he care. She cares about the community and the development. It was her understanding and she will check with George Schulte as she understands he always advised against the use of agricultural tile for urban development. If thats how it is used a year before reconstruction there will be alot of problems. She feels the problems can be worked out, but the kind of cooperation from Mr. Cogley hasn't been satisfactory. She feels that we can't have 12 acres cause so many problems in a large area and act like no one else is around. She was ask in what way does she want cooperation?

Sue W. Scholer made the statement that everybody has to realize that there are many problems facing the board in the drainage area and they will have to be looked at differently. she feels that what Ms. Hammon is asking and the board would ask as well that once the approval is given your concerns and interest remain at the same level.

Sue W. Scholer moved to give final approval to Brampton Apartments Phase I drainage plans as submitted and petitions for reconstruction of legal drain Branch 13 be in and recorded.

Mr. Osborn apologized to Cardinal Industries, Inc., mistakes have been we are all human, it was an effort to stop Cardinal Industries to keep it in proper context only to save them money. After this statement Unanimous approval was given to the motion.

TWYCKENHAM

TWYCKENHAM
M

Robert Grove engineer representing Twyckenham Building Company requested Preliminary approval for drainage plans in residential area in the South portion of Twyckenham Estates. Northern portion contains Twyckenham Apartments is no longer in Twyckenham Building Company. It is held by the Lafayette Bank and Trust Company bank. Back in 1981 the whole design process with approval of all calculations at that time John Smith felt he would continue into the residential area with economy the project sat. The area is in the City as well as in the County. This will complicate things in some ways. Three basins are planned, one at the outlet point which is to the Ortman Legal drain across Ortman Lane it is an open ditch. They are reducing their flow down to 52 cfs through the detention system. Aslo picking three points up stream (offsite) for 10 yeare predevelopment flow conditions, they are not detaining, roughly a 100 cfs from offsite runs through the system. When they develop they have to detain and cut their flow down. when this was done it was based on a Master Plan instead of trying to piece meal. There is R-3 and R-1 even though it is in the County the potentials are there for the development. Main concern at this point is the process of vacating the Ortman legal drain. An area of main drain has been vacated, but the Ortman drain has not. Mr. Grove stated they are asking for preliminary approval of everything. Later they will come in and ask for final approval of Construction Plans on the first three sections at that time once work is completed they would like to have the drain vacated with surveyor inspecting, making sure that the tiles are tied back into the system properly. Nextion section would work same, eventually the entire drain would be vacated upon completion of the project. Michael Spencer stated there would be a problem of vacating a piece out in the middle of a legal drain or vacating an outlet of a legal drain and leaving it a leagl drain upstream. He has a problem with the stroage area on the plan, he realizes it will be in the City, but still a problem. He prefers one large basin down by the outlet structure at Ortman Lane. Like to see something done south of 300 south. In other words let's see something that shows the open channel on the south side of 300 sourth, this will handle the proposed runoff. Ortman drain is legal and has had no maintenance done. John Smith ask to make comment concerning the existing drain. The existing drain is not working very well it is full of dirt (for more). When they put in the new pipe with manhole so you can see in and be able to clean out with whats there now this can't be done. Sue W. Scholer stated that Michael is recognizing that system. They are going to have to study what will be happening later. Michael doesn't want something something happening down stream because of new flow and new pipe. He wants to make sure the downstream will be able to handle the flow that the developer will be putting in. Michael has not walked the drain. Mr. Smith stated it had plenty of flow line.

Mr. Hoffman stated he did not like the fact that they were going to have a ditch without a positive outlet. Control is a concern where there isn't a legal drain, it is Mr. Hoffmans recommendation that there be a legal drain through the entire area or vacate the whole thing. Mr. Smith ask since they were going to take the storm drain to County Road 50 East, the pipe being 36" they would be intercepting the two existing tiles with one being 10" and the other 8" run into 36" the people upstream should not object. The last time the developer came before the board they did not want to vacate the drain, this is the reason they were proceeding with the present system. Michael stated that all should be vacated. A petition to vacate will have to be presented and a hearing, this process will take approximately 2-4 months. They feel that there are only 3 property owners involved. Mr. Grove feels that there will be no problems this will help their drainage system later. Mr. Smith stated he really did not want to run a large pipe over to the ditch, but he has no choice.

Michael ask how the City felt in regards to the problem? Mr. Grove has gone through all the calculations with Mr. Callahan City Engineer, his comments were that he had no problems. His only concern was that the developer make sure they bring in South 9th Street at Ortman Lane (the storm water into the system). The way it is now it runs down side ditch. A letter was to have been sent to the Drainage Board from Mr. Callahan. The letter was basically to say they accept the plans and the concerns. Michael stated the plan does meet the Drainage Ordinance as far as run off and providing outlet upstream the only question City acceptance of plan and vacation of the legal drain, Ortman.

Sue W. Scholer moved to give preliminary approval on Twykenham Drainage Plans with the condition that the petition to vacate Ortman drain be filed and granted, and a letter be received from the City of Lafayette accepting the plan, unanimous approval was given.

ACTIVE DRAINS AND INACTIVE LEGAL DRAINS

ACTIVE
INACTIVE
LEGAL
DRAINS

Mr. Hoffman ask Sue W. Scholer to read the letter to the County Auditor in regards to ditch assessments for 1987. A list is compiled and on file in the surveyors office. Those ditches made active for 1987 assessment were: Train Coe, Thomas Ellis, Hester Motsinger, Audley Oshier, and Shawnee Creek. Ditches made inactive for 1987 were: Jesse Anderson, A.P. Brown, James Kirkpatrick, and John Saltzman.

Sue W. Scholer moved to send this notification to the auditor, motion carried.

ELLIOTT DITCH

ELLIOTT
DITCH

Mr. Hoffman presented a petition received from the Lafayette City Controller requesting the Auditor, Assessor and Treasurer of Tippecanoe County to petition the State Board of Tax Commissioners for Cancellation of Certain taxes on City property, a copy is on file. Mr. Hoffman stated this was on the streets and a couple pieces of property. Mr. Hoffman stated that the laws stated that the County Highway has to pay, therefore there are no exceptions for the City. His recommendation was that the petition be denied. Sue W. Scholer moved that based on the research done by Mr. Hoffman Drainage Attorney, not finding any legal reason to grant the petition the board deny the City's petition for removing real estate from the ditch assessments, unanimous approval was given. A letter should be sent to the City of Lafayette in regards to the denial.

VALLEY FORGE BOND

VALLEY
FORGE

Sue W. Scholer read and presented letter and bond for Valley Forge Phase II, Sec. I. This is for the addition of 14 lots. The board agreed to this only if they secured

a Construction Bond and petitioned for a legal drain, this has been done. A hearing will be set soon in regards to the petition. Bons is post for half the total cost on the detention basin.

Sue W. Scholer moved to accept the Construction Bond secured by Depoist from Tippecanoe Development Corporation for Vally Forge Phase II, Sec. I as submitted, unanimous approval was given. Mr. Hoffman ask that the board have the bond recorded and present it to the Auditor.

After discussion in regards to a form for Secured Deposit Bonds the board ask Mr. Hoffman and Mr. Joseph Bumbleburg to work together in forming a Standard Form for Secured Deposit Bonds.

ELLOITT
DITCH
TASK
FORCE

ELLIOTT DITCH TASK FORCE

Sue W. Scholer announced that the next meeting would be March 9, 1987 at 9:00 A.M.. They would like to set the week of March 16, 1987 for a hearing, with Michael setting the final date and use the Fairgrounds. Sue had a rough cover letter to send with the Notice of Hearing. They will present slides at the hearing as the video they are preparing will not be completed at that time. The rough cover letter was sent by Sue's request to some members of the Task Force on Wednesday, February 4, 1987, a copy is on file.

The board discussed the presence of George Schulte County Engineer, in the Drainage Board meetings. They feel that since he is most familiar with the Drainage Ordinance and his involvement with the County Highway he should receive the agenda and attend the meetings.

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

Bruce V. Osborn
Bruce V. Osborn, Chairman

Sue W. Scholer
Sue W. Scholer, Board Member

ATTEST: Maralyn D. Turner
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, Julius 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 Richard, 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 Kottlowski, Weitzel Engineering and Tom Stafford, Melody Homes presented their drainage plans for Pine View Farms to the Drainage Board.

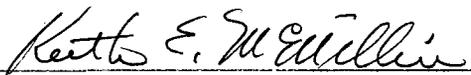
Discussion followed.

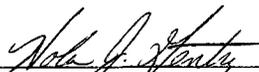
Mike Spencer recommended preliminary approval to the Board.

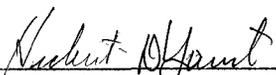
Nola moved to grant preliminary approval contingent on completion of restrictions and receipt of the recorded easements or agreements.

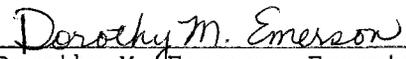
Hubert Yount, seconded. Motion carried.

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.

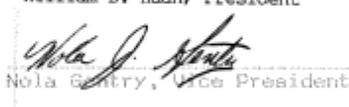
Mr. Hoffman assumed there will be a petition for reconstruction to make those changes in easement.

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 J. 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
94	Shawnee Creek	6639.28	-0-
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.

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
94	Shawnee Creek		\$1.00	\$6,639.28	\$3,411.51
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

REGULAR MEETING
AUGUST 11, 1997

The Tippecanoe County Drainage Board met Tuesday, August 11, 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, Ruth Shedd, John Knochel, Tippecanoe County Surveyor Michael J. Spencer, Tippecanoe County Drainage Board Attorney Cy Gerde, Engineering Consultant David Eichelberger, and Drainage Board Secretary Shelli Muller.

Commissioner Shedd moved to approve the minutes from the regular Drainage Board meeting held July 2, 1997, seconded by Commissioner Knochel. Motion carried.

WEST POINT DRAINAGE IMPROVEMENTS

LANDOWNERS PRESENT: Homer McDonald, David Dolick, Preston Sipple, Shiela Killian and Cy Gerde.

Steve Murray, Director of the Tippecanoe County Highway Department, presented the Board with an aerial of West Point showing the layout of the lots involved and explained the current situation. An inlet located at the northeast corner of Walnut and Mulberry Streets in West Point discharges into a ten inch pipe under Walnut Street. The flow continues south to a french drain which has no positive outlet causing the area to pond. Mr. Murray proposed to eliminate the ponding by establishing a positive outlet for the ten inch pipe. The pipe could be continued south along Mulberry Street outletting near Pearl Street into a rip-rap swale that would allow the flow to proceed to the Flint Creek.

Ms. Killian stated she had no objection to the improvements that were proposed. She wanted to be certain the swale proposed will not cause stagnant water and a place for mesquite to breed. Ms. Killian also asked if Mulberry Street would be developed as it shows on the plat of West Point?

Mr. Murray stated it is not the policy of the Highway Department to develop streets that were platted, but not constructed. State statute states if the landowner wants to upgrade and utilize the street for access to property than it is at the expense of the landowner. The County Highway Department can then assume responsibility for maintenance after the street is constructed.

Ms. Killian concern with continuing the ten inch pipe south is it could create more runoff.

Mr. Murray explained the amount of runoff will not be greater, the improvement will create a place for the water to go, which currently pond on McDonald's property.

Other discussion of drainage situation in the town of West Point continued. Mr. Murray suggested meeting with someone in West Point who knows where the drainage tiles are and plot the tile so when a drainage situation occurs the County will have a map to go by.

BURNETT CREEK ELEMENTARY SCHOOL

Roger Fine of John E. Fisher & Associates, representing the Tippecanoe County School Corporation. Mr. Fine presented the Board with final drainage plans for Burnett Creek Elementary School, located east of County Road 50 West, just south of County Road 600 North. A revised set of plans were submitted, reviewed and a memorandum was received on July 24th 1997.

Mr. Spencer recommended final approval with conditions as stated in the July 24th memo.

1. The applicant must receive a permit from the DNR for Construction in a floodway of the Cole Ditch.
2. Approval from the County Highway Department for the proposed work within the right-of-way of County Road 50 West.
3. A set of certified construction plans must be submitted.

Mr. Fine stated the first two conditions are in progress.

Commissioner Knochel moved to grant final approval of Burnett Creek Elementary School subject to the three conditions, seconded by Commissioner Shedd. Motion carried.

HEMLOCK RIDGE SUBDIVISION

Todd Warrix, Schneider Engineering, presented the Board with final drainage plans of Hemlock Ridge Subdivision. The site consist of 8.3 acres located between Old Romney Road and Elston Road and will be developed into 10 lots with one apartment building per lot. Mr. Warrix explained currently there is a 15 inch clay tile located at the southeastern end of the site which will be replaced with the drainage swale.

Mr. Spencer recommended final approval with conditions.

1. Calculations of inlet capacity are required to verify that there is less than 7 inches of ponding at all inlets, for the 100 year frequency event. The applicant should indicate the emergency overflow routes to show that the excess runoff from a 100 year storm event will drain into the proposed pond.

2. The applicant must obtain approval from the County Highway Department to connect to the existing sewer under Old Romney Road.
3. The applicant must submit certified construction plans.

Commissioner Shedd moved to grant final approval of Hemlock Ridge Subdivision subject to the three conditions, seconded by Commissioner Knochel. Motion carried.

OTHER BUSINESS

PETITION BY DARRYL LUTES TO REMOVE OBSTRUCTION

Mr. Spencer stated Darryl Lutes of 11302 State Road 25 South filed a petition to the Tippecanoe County Drainage Board to remove obstruction in mutual drain. Mr. Lutes stated in the petition that the drainage is impaired as a result of an obstruction at the point where his surface drain empties into **Shawnee Creek**. Mr. Lutes stated the obstruction has caused erosion along the south part of his field. Mr. Lutes has contacted Mr. McCorkle, the landowner who has created the obstruction, in writing and Mr. McCorkle failed to remove the obstruction so therefore he is asking the County for help.

Mr. Spencer stated the obstruction is located off County Road 1160 South on Mr. McCorkle's property. Mr. Spencer asked the Commissioner to look at the situation out in the field. Mr. Spencer explained the length and height of the obstruction needs to be determined so a cost for removal of the obstruction can be considered. Mr. Spencer suggested using the next Drainage Board meeting as a hearing for the petition.

Commissioner Hudson stated she received a complaint from Diane O'Malley, 3700 **Capilano Drive**, concerning water standing in her yard coming from her neighbors yard. Commissioner Hudson requested Mr. Spencer take a look at her situation and report back to the Drainage Board.

Commissioner Hudson received a call from Rick Norwood who fishes in Capilano Subdivisions lake and wanted written permission from the Board to allow his to fish on the US 52 side of the pond.

Mr. Murray stated the County can not grant permission because it is a state road. That issue has been contested in court before and generally over-ruled.

Commissioner Hudson stated she will notify Mr. Norwood of the Board's findings.

Being no further business, Commissioner Knochel moved to adjourn until September 3, 1997, Seconded by Commissioner Shedd. Meeting adjourned.

TIPPECANOE COUNTY DRAINAGE BOARD
REGULAR MEETING
SEPTEMBER 3, 1997

The Tippecanoe County Drainage Board met Wednesday, September 3, 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, Ruth Shedd, John Knochel, Tippecanoe County Surveyor Michael J. Spencer, Tippecanoe County Drainage Board Attorney Cy Gerde, Engineering Consultant David Eichelberger, and Drainage Board Secretary Shelli Muller.

The first item on the agenda was to approve the minutes from the last Drainage Board Meeting held August 12, 1997. Commissioner Hudson requested continuing the approval of minutes until the next regularly scheduled meeting.

STERLING HEIGHTS SUBDIVISION

Mr. Spencer stated on behalf of Hawkins Environmental, he asked for Sterling Heights Subdivision be continued.

Mr. Bob LaGuire, 105 East 375 South, approached the Board with concerns of the proposed Sterling Heights Subdivision. Mr. LaGuire submitted photographs from Brett & Nicole Sanders, 3848 South 25 East, which shows dumping of repulsive material on property north of County Road 400 South and east of County Road 25 East. The Sanders concern is with the dumping that occurred when Phase I Part 1, 350 South connection was made. The neighborhood is concerned with the material that was being dumped coming from an old city landfill and the possibility of the materials that were dumped ultimately contaminating the surrounding well water. Mr. LaGuire explained this has lead many of the neighbors to start buying drinking water. Mr. LaGuire also brought to the Board attention that cement trucks were going to the same dumping site and washing out the excess cement.

Mr. LaGuire stated the phase of 350 South that was going on the end of July caused a lot of extra ware and tare on County Road 375 South, they were running twelve trucks every half hour. Mr. LaGuire claimed the trucks yanked out the cables, power lines, they did not respond to complaints from the neighbor concerning the road conditions. Mr. LaGuire contacted the state, and the county, but no one would come out to the site so they could see that the road was not being taken care of. Mr. LaGuire provided a tape which shows the condition of the road, the dumping that occurred, and the condition of the surrounding neighborhood.

Commissioner Knochel suggest the neighborhood can get samples of their well water submit them to the County Health Department for testing of possible contaminates.

Mr. LaGuire explained the Sanders contacted the Health Department and showed the photographs to them, but there seemed to be no concern.

Mr. Kent Patterson, representing Clara Barnard of 255 East 400 South, explained he has been maintaining the property for the past twenty-seven years. The first problem arose when the Rolling Hills Subdivision was constructed, which flooded the area. Mr. Patterson stated he dug a channel to divert the water off the property. The landowners on the west side of County Road 25 East filled the ditches in that carried the water to the creek. If the area where the dumping has occurred continues the whole area will be a lake. Mr. Patterston noticed within the last months the ground has become spongy and the water table changing. Mr. Patterson is concerned with the corner of 400 South and 25 East because of the sharp turn, and not being able to see around the corner and the road being so narrow it has caused some accidents.

Mrs. Melinda Wilson, 261 East 400 South, stated her concerns are with the children that play in the area, the increase in water runoff, with the possibility of the water becoming contaminated andwith the depreciation of land value.

Mr. Dale Bradford, 257 East 400 South, stated his concern is with the construction of houses and streets and the impact that will have on the watershed. Mr. Bradford explained with the regrading of the proposed Sterling Heights, when a big ran comes it will flood the low lying area, because there is nothing to stop the water from rushing on through. Mr. Bradford stated he has had problems with the neighborhood kids picking Mr. Lahrman's corn, enticing his cattle with the corn then the cattle ending up in Mr. Lahrman's corn field. Mr. Bradford stated there has been times when the kids climb the fence and get into the field where there is a bull resulting in Mr. Bradford selling off his heard to eliminate the potential liability. The other concern of Mr. Bradford is with the possibility of the wells being contaminated, and the dumping situation. Mr. Bradford stated Ms. Barnard's well is a hand dug well that is only 10 feet deep, her well is the one which everyone is concerned about and in her situation she is disable and on social security, she can not afford to dig a new well. There is a wetland on the property where the subdivision is being proposed and no one seems to be concerned about it. Are wetland a federally protected area?

Mr. Spencer stated the wetland issue, the downstream landowner impact and the fact the County is not comfortable with the overall proposed subdivision as submitted are the reasons the developer asked for a continuance. The developer has been notified they are moving dirt on the site without approved construction plans and it is entirely at their own risk. It is not illegal to move dirt on your own land, but is generally not accepted to move dirt on a proposed developed site that is going to be accepted into the County or City. Mr. Spencer stated after the developers knew how the County felt about their submittal, we had a meeting to discuss another submittal

which eliminated using the wetland area as their detention. In that meeting the developer asked if they could continue moving dirt and the County told them no.

Dr. Martin Avolt, 3930 Old Romney Road, which is at the dead end on the north side of the Wea Creek. Dr. Avolt stated when 350 South connection between old US231 was made to the new US231 it was his understanding the material that was moved from the area to the back of the Purdy property was from the old City landfill. Dr. Avolt's question is how did Mr. Purdy get away with hauling the materials away when in most cases the federal governmental would have stepped in and placed a fence around the area. Mr. Avolt's stated the **Wea Creek** is one of the last two creeks in Indiana, designated by the Department of Natural resources, as a pristine creek. Dr. Avolt concern with the dumping is that it will contaminate the creek causing the creek to no longer be pure and clear.

Steve Murray, Tippecanoe County Highway Executive Director, stated with federal money involved in the 350 South project, there was an environmental impact statement done, there was soil borings done, and made aware through local reports that some of the wet areas had been dumped in over the years. The County, Federal people, Indiana Department of Environmental Management have looked at the reports. There has been archeologist studies done, the wetland areas have been checked into and the County bought an extra ten acres of ground to do a 5 to 1 wetland replacement on the northwest side of 350 South and Old Romney Road. Mr. Murray stated unsuitable soils came up in the pre-construction, it has come up a couple of time during construction, the contractor was concerned and has the right to have the material tested before they remove it. Mr. Murray stated to his knowledge nothing in the way of contaminates came up in any of the reports.

Mr. Murray stated he checked with Highway Garage on the maintenance of 375 South and they reported it had been a few weeks since it was graded, but it was not due to the fact that the contractor was hauling on it so much as the gentleman that generally does the maintenance for the road had a heart attack and the garage is short handed. Mr. Murray stated County should be out there later today or tomorrow to grade the road. Mr. Murray realizes it is an inconvenience for the landowners along the route, but explained when a project is three million dollars the contractor is going to find the nearest, cheapest route to take to get rid of the waste and to haul new materials in. It is a temporary route, and will be winding down when construction is complete. The contractor was told by the County to keep the road watered, but if they are not give the County a call and we will remind the contractor. The only way to stop the contractors from running on the road is to post signs which takes thirty to sixty days, but if the trucks do not take that route it cost the Contractor more money which in turn the County pays for.

AMELIA STATION PLANNED DEVELOPMENT

Paul Coutts, C & S Engineering, presented the Board with preliminary plans for Amelia Station Planned Development located on 21.34 acres south of the existing Weston Woods Subdivision. Mr. Coutts proposal includes two base storage ponds on the **Treeces Meadows Relief Drain**. Mr. Coutts pointed out that there is an existing branch of the Elliott Ditch located through the site. In the Crosspoint Subdivision the tile has already been relocated to the west of the power lines the same kind of relocation will be done for Amelia Station the existing 15 inch pipe is proposed to be increased to a 18 inch pipe.

Mr. Spencer stated he recommended preliminary approval. The applicant needs to obtain a permit from PSI allowing detention under a high voltage electrical line and most of the other comments on Christopher B. Burke's memo are construction plan items that will have to be meet before final approval is granted.

Commissioner Shedd moved to grant preliminary approval of Amelia Station Planned Development, seconded by Commissioner Knochel. Motion carried.

GARDEN VIEW SUBDIVISION

Tim Byer, Vester and Associates, presented the Board with final plans for Garden View Subdivision located on 13.1 acres east of County Road 400 East, between Eisenhower Road and County Road 200 North. Mr. Byer explained the majority of the site will be graded to drain to the proposed pond. At the preliminary meeting June 5, 1997 Mr. Kovich had some concerns. On June 19, 1997 Mr. Byer stated he met with Mr. Kovich and it was decided that a drainage tile will be provided to collect roof drainage from lots 3 and 4. Lot 5 will also be required to tie into the storm system through drainage tile or discharge roof drainage to the east side of the lot, to avoid drainage south through Camelot Subdivision. Mr. Byer asked for a variance to allow the 100 year post-develop runoff to exceed the 10 year pre-developed runoff rate. Mr. Byer asked for a second variance to allow storm water storage on lot 6.

Commissioner Knochel asked about condition number two of Christopher B. Burke memo dated August 28, 1997, which has to do with providing a trash rack at the upstream end of the pipe that is conveyed off-site.

Mr. Byer stated they are in the process of creating an erosion control plan which will provide erosion control for the inlet and outlet of the pipe.

Mr. Spencer stated in the final set of construction plans an erosion plan should be submitted showing the type of erosion control measure they will take.

Commissioner Knochel moved to grant final approval of Garden View Subdivision and to grant the two variances requested with conditions stated in the memo of August 28, 1997, seconded by Commissioner Shedd. Motion carried.

OTHER BUSINESS

DARRELL LUTES PETITION

Mr. Darrell Lutes, 11302 State Road 25 South, presented the Board with a petition asking them to remove an obstruction from a mutual drain. Mr. Lutes explained in the spring of this year they discovered an obstruction caused by Mr. Charles McCorkle, the adjoining landowner. The obstruction is located at the point where Mr. McCorkle's surface drain empties in to the **Big Shawnee Creek**. The obstruction forces the water to flow parallel to the creek onto Mr. Lutes property causing erosion along the south part of his property and crop damage. Mr. Lutes asked the Board to ask Mr. McCorkle to remove the obstruction.

Mr. Spencer asked Mr. Lutes if he prior to this meeting asked Mr. McCorkle to remove the obstruction in writing?

Mr. Lutes stated he did ask in writing, Mr. McCorkle to remove the obstruction, he submitted a copy of the letter along with the petition. Mr. Lutes reported no action was made from Mr. McCorkle to remove the obstruction.

Mr. Spencer asked Mr. McCorkle if he received the letter from Mr. Lutes.

Mr. McCorkle responded yes, he did receive the letter.

Mr. McCorkle, 12100 State Road 25 South, stated the reason for the obstruction was to re-create the land the way it was before they straightened the state highway. Mr. McCorkle stated he built the bank of the creek up so that the water would enter into the creek like it did before.

Commissioner Knochel asked Mr. McCorkle if he considered any rip-rap at the outlet of the waterway into the creek?

Mr. McCorkle stated that was his original plan, but could not afford to place rip-rap after regrading the waterway.

Mr. Spencer asked if the Soil and Water Conservation Office had been involved in the design of a rock schute?

Mr. McCorkle stated yes, the SCS office has been involved, but he never got any response from them.

Commissioner Knochel asked if there is any funding available from the SCS office for the installation of a rock schute.

Mr. Spencer stated to his knowledge there are still cost-share programs, he can check on that and get back to Mr. McCorkle. The County does not have any funds available unless the landowners in the watershed petition to make the **Big Shawnee Creek** a County Regulated Drain. If that was to occur rock schute, and outlet pipes are addressed in the maintenance of the ditch.

Commissioner Knochel moved to instruct Mr. McCorkle to remove the obstruction by December 15, 1997 and asked Mr. Spencer to check with the Soil and Water Conservation office on the possibility of helping divert the cost of installing a rock schute, seconded by Commissioner Shedd. Motion carried.

DAYTON RESOLUTION

Mr. Spencer stated he received a request from the Town of Dayton to review a submittal for a proposed subdivision within the Town of Dayton. Mr. Spencer stated Randy Williams of the Town of Dayton stated he has a resolution from 1994 that the County Drainage Board provide review, recommendations and approval of drainage plans for construction in the Town of Dayton. The resolution Mr. Williams faxed to Mr. Spencer was signed by the Town Council of Dayton, but not by the County Drainage Board. Mr. Spencer recommended tabling the request from the Town of Dayton until some issues are resolved. Mr. Spencer stated at the April 19, 1994 Drainage Board meeting it was discussed. Mr. Hoffman, Drainage Board Attorney at the time, requested the Town of Dayton adopt the County Drainage Ordinance and have the Drainage Board do the work for hire. Mr. Spencer did not know if that had been agreed to by the Town of Dayton.

Commissioner Knochel moved to table the resolution, seconded by Commissioner Shedd. Motion carried.

ANDREW AND MARY THOMAS DRAIN

Mr. Spencer asked the Board to appoint two Drainage Board member for a joint Drainage Board with Carroll County so they can call a meeting of the landowners within the watershed to reduce the rate of assessment.

Commissioner Hudson moved to nominate Commissioner Knochel and Commissioner Shedd to serve on the Joint Drainage Board with Carroll County regarding the Andrew and Mary Thomas Drain, seconded by Commissioner Knochel. Motion carried.

Being no further business, Commissioner Knochel moved to adjourn until the next regularly scheduled Drainage Board Meeting, October 1, 1997, seconded by Commissioner Shedd. 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 3rd 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.

Ruth Shedd, President

Shelli Muller, Secretary

Kathleen Hudson, Vice President

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 3rd 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	F.E. Morin Emmett Rayman	Hester Motsinger Franklin Reser	J.Kelly O'Neal Aurthur
Rickerd Joseph Sterrett	Gustav Swanson	Jacob Taylor	William
Walters Wilson Nixon	Simeon Yeager	Jesse Dickens	Dismal
Creek Kirkpatrick One	John Hoffman	Sophia Brum	HW Moore
Lateral 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	George Inskeep	Lewis Jakes	Eugene
Johnson			
James Kellerman	James Kirkpatrick	John Kuhns	John
McCoy			
Wesley Mahin	Absalm Miller	Ann Montgomery	Parker
Lane			

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

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.

Ruth Shedd, President

Shelli Muller, Secretary

Kathleen Hudson, Vice President

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 3rd 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	Shawnee Creek	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.

Kathleen Hudson, President

Doris Myers, Secretary

John Knochel, Vice President

Ruth Shedd, Member

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

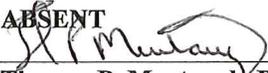
February 2017

- 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


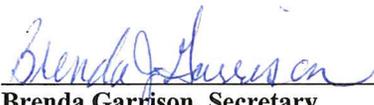
Thomas P. Murtaugh, President



David S. Byers, Vice President



Tracy Brown, Member



Brenda Garrison, Secretary