

REGULAR MEETING OF THE TIPPECANOE COUNTY DRAINAGE BOARD HELD FEBRUARY 7, 1979

The Tippecanoe County Drainage Board met in the Community Meeting Room in the County Office Building at 9:00 a.m. on Wednesday, February 7, 1979, with the following members and staff present: William G. Vanderveen, Robert F. Fields, Bruce Osborn, Dan Ruth Jr., Michael J. Spencer, David Luhman and Ethel Kersey.

Upon motion made and carried the minutes of the January 10, 1979 meeting were approved as read.

The City of Battle Ground was on the agenda for 9:30 a.m., but no one appeared for the hearing.

Next on the agenda was the opening of the Bids for reconstruction of the Shepherdson Ditch. The bidders were as follows:

Fairfield Constructors, Inc.	-----\$26,630.19
J. E. Benson, Inc.	----- 34,147.60
Perry N. Davis, Michigantown, In.	----- 27,210.44
Bob Hodgen	----- 27,871.50
Willard F. Merkel	----- 20,404.15
Birge Farm Drainage	----- 11,183.50

The Bids will be taken under advisement and the bidders will be notified of the results.

Floyd Mitchell, Paul Coutts and Mr. McBride, Attorney came before the Drainage Board with plans and petition to establish a legal drain for Harrison Meadows Subdivision. Dan Ruth, County Engineer, had asked that they come before the Drainage Board because the description of the legal drain didn't include the portion from the outlet to Burnetts Creek. All were concerned about what would happen if this portion of the drain became blocked, or destroyed. Mr. Mitchell stated that he had asked the property owner to let this become apart of the legal drain, but the property owner wouldn't go along with him as this property already has too many easement.

Harrison Meadows Subdivision

The Secretary is to notify the Attorney, of the date, time and place that a hearing will be held by the Tippecanoe County Drainage Board on establishing a new legal drain for Harrison Meadows Subdivision.

A letter from H. Stewart Kline read as follows:

H. Stewart Kline and Associates, Incorporated
 engineers
 architects
 surveyors 317-742-0295
 106 South Sixteenth Street, Post Office Box 1684, Lafayette, Indiana 47902

H. Stewart Kline for Indiana Vocational Technical College

February 7, 1979

Drainage Board, Tippecanoe County
 Tippecanoe County Office Building
 20 North Third Street
 Lafayette, Indiana 47901

Gentlemen:

The Indiana Vocational Technical College is presently planning the construction of a new facility to be located on US 52 South at County Road 250 South. The new building is to be located in the area of the cultivated field just north of the old Ross Anne*

building. Preliminary proposals include a building of approximately 45,000 square feet and site improvements will include the construction of access roads and parking areas for between 400 and 500 vehicles.

The present plan is to provide an internal storm water drainage system for the site with the outfall going into the Wilson Ditch Branch of Elliott Ditch which runs along the north side of the property. The engineering design will provide some scheme for storm water retention and the rate of discharge into the Wilson Ditch will be approximately the same as presently exists.

If this plan is acceptable, we will proceed with final engineering design. After completion of design, the final plan will be submitted for your approval.

Very truly yours,

/s/ H. Stewart Kline
H. Stewart Kline
H. Stewart Kline and Associates, Inc.

cc: Thomas Reckerd

HSK;ns

The Drainage Board accepted the above preliminary drainage plans for Indiana Vocational Technical College.

William Vanderveen, The Chairman, opened the preliminary hearing on the Wilson Property. Those present were: Thomas Wilson, property owner, Robert W. Crum from R. W. Crum Realty, Inc., Patrick L. Glon P.E., and Richard a Boehning, Attorney.

The following letter described the location and plans for above mention land, it reads as follows:

February 2, 1979

Drainage Board
Tippecanoe County
County Office Building
Lafayette, In. 47902

Engineer
Tippecanoe County
County Office Building
Lafayette, In. 47902

Re: Wilson Property

Dear Sirs:

As you know, on January 22, 1979, the Board of Commissioners of Tippecanoe County and the Tippecanoe County Drainage Board passes a resolution which requested the Area Plan Commission to not approve any preliminary plat or final plat for rezoning until such time as a satisfactory plan for disposition of the runoff of storm water for the property which is contained in the plat had been presented to the Tippecanoe County Engineer and approved by the Tippecanoe County Engineer and the Tippecanoe County Drainage Board.

I am representing the owners of the Wilson tract located at the intersection of I-65 and State Road 26. The particular area comprises only several acres and will constitute two building sites. The attached sketch shows the location and approximate size of the land in question and also the immediate surrounding area.

The area in question is an isolated piece of property surrounded by an apartment to the north, four businesses to the west, State Road 26 to the south and I-65 to the east.

Bob Crum has talked to you about this matter previously and Patrick Glon has prepared the attached drainage plan for the property.

The natural drainage of the two tracts is easterly into the I65 drainage system. Contact has been made with the Indiana State Highway Commission and tentative verbal approval has been given. The request was reduced to writing on January 25th and is now being processed by that Commission.

Two businesses are being considered for construction on the site. When constructed, the establishments would have hard surface over approximately 75% of the area. This would include roof area and associated parking area.

The proposed drainage plan as prepared by Mr. Glon limits the rate of discharge to an amount equal to or less than the present rate of discharge of the undeveloped land. This is to be accomplished by grading the parking area to form a water storage basin which would discharge the surface water through an undersized pipe into either the I-65 drainage system or the State Road 26 drainage system which drains into the I-65 drainage system. The size of the storage basin and the pipe would be sized to limit the rate of runoff discharge and to adequately store the anticipated volume of water to the area.

We are aware that there have been some drainage problems along other protions of State Road 26. These areas, however, are considerably further west than the area under consideration here.

The important points to consider in this matter are as follows:

1. The plan drains the storm water in the same direction as the natural flow off of the land.
2. The rate of discharge after development will be equal to or less than the present rate of discharge before development.

WILSON
PROPERTY

REGULAR MEETING OF THE TIPPECANOE COUNTY DRAINAGE BOARD HELD FEBRUARY 7, 1979 (continued)

Because an application for preliminary plat approval will be submitted to the Area Plan Commission shortly, we are submitting this request to you in the spirit of the resolution passed by the Board several weeks ago. We would accordingly respectfully request that both the Tippecanoe County Engineer and The Tippecanoe County Drainage Board approve the enclosed drainage plan.

We are on your upcoming February 7th agenda. We will plan on seeing you at that time. We did, however, want to submit this to you so that you would have sufficient time to review it prior to the meeting. If you have any questions that you would like answered before that meeting, please give me or Bob Crum a call.

Many thanks for your cooperation.

Very truly yours,

Bennett, Boehning, Poynter & Clary

Richard A. Boehning

After a short discussion on the pros and cons of the plans those present were told that the plans would be taken under advisement and would notify Area Plans Commission.

The Drainage Board asked for a letter stating Mr. Wilson, position on the proposed legal drain for that area.

Tile Bid
Accepted

The Bid of Banning-Barnard, Inc. D/B/A Flora Tile Co. for Material or Materials, Equipment, Goods or Supplies was accepted by the Drainage Board.

Upon motion made and carried the meeting adjourned.

William G. Vanderveen

William G. Vanderveen, Chairman

Bruce Osborn

Bruce Osborn, Vice Chairman

Robert F. Fields

Robert F. Fields, Board Member

ATTEST:

Ethel Kersey
Ethel Kersey, Executive Secretary

The regular meeting of the Tippecanoe County Drainage Board met in the Community Meeting Room in the County Office Building, on Wednesday, March 14, 1979, at 9:30 a.m. with the following members and staff present: William G. Vanderveen, Bruce Osborn, Robert F. Fields, J. Frederick Hoffman, A. D. Ruth Jr., Michael J. Spencer, Kenneth Miller, Grady Jones and Ethel Kersey.

Upon motion of William G. Vanderveen, seconded by Bruce Osborn and made unanimous by Robert F. Fields the minutes of the February 7, 1979 meeting were approved as read.

Minutes
Approved

Floyd Mitchell, John E. Fisher, John K. McBride, Carol Whitson and George DeLong atteded the hearing on a Petition for the establishment of a new legal drain and establishing a maintenance fund on this legal drain to serve Harrison Meadows Subdivision. The Petition read as follows:

Harrison
Meadows
Subdivision

STATE OF INDIANA)
) SS:
COUNTY OF TIPPECANOE)

BEFORE THE TIPPECANOE COUNTY
DRAINAGE BOARD

IN THE MATTER OF THE)
HARRISON MEADOWS SUBDIVISION)
DRAIN PETITION)

The undersigned petitioners respectfully petition the Tippecanoe County Drainage Board to establish a legal drain and in support of this petition show the following:

1. That Harrison Meadows Subdivision is described in a plat recorded at Plat ~~Cabinet A~~ Slide A-94, Office of the Recorder of Tippecanoe County and the real estate covered therein is more particularly described in Exhibit A attached hereto and incorporated herein by reference.

Marybelle Clark Wetherill-Darby Ditch

Marybelle Clark Wetherill-Darby Ditch

Next on the agenda for the Tippecanoe County Drainage Board was Marybelle Clark contesting the 15 acres she is being assessed for on the Reconstruction of the Wetherill-Darby Ditch. She is of the opinion that this land does n't lie within the watershed. Mr. John Fisher stated that before an answer could be given, that his company would have to do a field survey. Mrs. Clark was informed that she would be notified of the findings. John Fouts, Bruce Parker and John Fisher came before the Drainage Board with different plans for handling storm water for the Deardorf Estates.

The following letter was mail to Mr. Fouts, on January 17, 1979:

John Fouts
3025 SR 25 W
Lafayette, Indiana 47905

Re: Rezone Z-844

Deardorf Estates

Dear Mr. Fouts:

At the January 15, 1979 meeting of the Tippecanoe County Commissioners, it was agreed by the Commissioners, that the storm drainage system recommended to be used in the Deardorf Estates subdivision not be approved.

It is our considered opinion that the outlet of the storm drainage system from any subdivision shall connect to a ditch or stream having a natural flow.

Very truly yours,

Board of Commissioners of
The County of Tippecanoe

/S/ Robert F. Fields
Robert F. Fields, President

John Fouts stated that after receiving the letter from the County Commissioners that they decided to go with a ditching system in place of a dry well system. The ditching system would entry into the ditch along State Road 24, proceed along the road then crosses under the road to the railroad ditch system and would eventually reach the Wabash River. Mr. Fouts, also stated that they were to receive a Miscellaneous Permit for work on State Highway Right-Of-Way today. John Fisher assured the Drainage Board that this system is going to be built to take care of the 100 year storm.

Bruce Osborn made a motion to leave the Drainage Plans for Deardorf Estates and the plans would be taken under advisement. The motion was seconded by Robert F. Fields and made unanimous by William Vanderveen.

Richard Bouwkamp came before the Drainage Board inquiring about a proposed ditch coming into Tippecanoe County from White County with the outlet into Burnett's Creek, namely the Gosma ditch. Mr. Bouwkamp question if they had the right to do this. He is of the opinion that the water would come in quicker than before, causing Burnett's Creek to flood more than usual.

After a discussion of the pros and cons, Mr. Bouwkamp was informed that if they don't increase the rate of the flow of water that legally the Drainage Board could do nothing.

With the completion of the day's business the Board adjourned.

William G. Vanderveen
William G. Vanderveen, Chairman

Bruce Osborn
Bruce Osborn, Vice Chairman

Robert F. Fields
Robert F. Fields, Board Member

ATTEST:
Ethel Kersey
Ethel Kersey, Executive Secretary

A special Joint Drainage Board meeting of Tippecanoe and Carroll Counties for the purpose of increasing the maintenance fund for the Buck Creek Open Drain. The following members and staff were present: William Vanderveen, Bruce Osborn, Robert F. Fields, J. Fredrick Hoffman, Michael J. Spencer, Kenneth Miller and Ethel Kersey from Tippecanoe County. Mr. William Dickinson was the only member present from Carroll County.

Buck
Creek
Ditch

William Vanderveen, Chairman of the Tippecanoe County Drainage Board opened the new maintenance hearing on the Buck Creek Open Drain by explaining to those present there are 3170.90 assessed acres in the watershed and there were 21 remonstrances filed. (This represents 1,643.60 assessed acres or 51.83% of the watershed.)

Those in attendance were: Mary Anne Day, Kelly Day, Carol (Felix) Walters, Robert L. Shively, Fred Wise, J. E. McCormick, Melvin Miller, Myron A. Welch, John A. Wilcox, Richard L. Welch, Maurice Cripe, Orville E. Shultheis, Charles R. Shultheis, Jack Buck, Dale Fosnock, J.W. Shepard, Earl Miller, Maxine & Francis Humbarger, and Leila & Paul Humbard.

The Chairman read the following Surveyor's Report:

REPORT ON THE CONDITION OF THE BUCK CREEK OPEN DRAIN AS VIEWED

ON MARCH 12, 1979 BY TIPPECANOE COUNTY SURVEYOR

196

In walking the entire Tippecanoe County portion of the ditch, the following observations were made:

The majority of the needed repairs concern tile outlets, that either no outlet pipe exists, or the existing pipe has broken off, or been bent down leaving the outlet submerged. There are approximately 70 outlets along this portion of the ditch, of which about 25 need repair. There are approximately 30 location where trees have fallen into, or are growing in the ditch flow line. Snag exist, causing silting and log jams.

Also, there are about 20 places where large amounts of surface water has been running over the spoil banks into the ditch causing bank erosion and silting. In these cases, pipes should be placed through the spoil bank.

There are two locations where a headwall was built to allow surface water, and a tile outlet to enter at the same location, but these have washed out, causing water to flow either around or under the structure.

Additionally, some degree of clearing is needed along the majority of the ditch. The above work, in my opinion, should be considered maintenance.

Mike Spencer
Tippecanoe County Surveyor

The Chairman, then asked if the new assessment was agreeable to those present. Mr. Wilcox asked it there was a Joint Board present? The Drainage Code reads. If lands in two (2) counties may be affected the chairman of the board of each county shall appoint two (2) of the members of his board, other than the surveyor, to serve on the joint board. With Carroll County only having one member present there could be no legal action taken.

After a question and answer period and the discussion of the pros and cons of a legal Joint Drainage Board. Bruce Osborn made a motion that the Presidents of each Drainage Board get together and work things out as to forming a new Joint Drainage Board. The motion was seconded by Robert F. Fields.

William Vanderveen stated he would contact Carroll County President about setting up a meeting, and also stated that it would be nice to have the committeemen on the ditch in attendance of the first meeting and this meeting would not be a public meeting.

The committeemen are: John McCormick, Robert Shively, Kelly Day, Charles Skiles and Donald Mullen.

William Vanderveen tank all for coming.

Upon motion made and carried the meeting adjourned.

William G. Vanderveen

William G. Vanderveen, Chairman

Bruce Osborn

Bruce Osborn, Board Member

Robert F. Fields

Robert F. Fields, Board Member

William Dickinson, Carroll County
Board Member

ATTEST:

Ethel Kersey
Ethel Kersey, Secretary

REGULAR TIPPECANOE COUNTY DRAINAGE BOARD HEARING HELD JULY 11, 1979

The regular meeting of the Tippecanoe County Drainage Board was held in the Tippecanoe County Office Building on Wednesday, July 11, 1979 at 9:00 a.m. with the following members present: William G. Vanderveen, Bruce V. Osborn, Robert F. Fields, Martin Galema-special member, Michael J. Spencer, J. Frederick Hoffman and Ethel Kersey.

Upon the reading of the minutes of the June 6, 1979 meeting, Bruce V. Osborn moved to accept the minutes as read and that motion was seconded by Martin Galema.

Patrick Cunningham and Jack E. Kovich came before the Drainage Board with preliminary drainage plans for Camelot Subdivision located in Fairfield Township, Pt. of NW and Pt. of SW Section 13, Township 23, Range 4. The plans to be taken under advisement. If the County Engineer approved so will the Drainage Board.

John Dunn and Don Rittel were also present for this meeting.

The Chairman opened the new hearing to increase the watershed area and maintenance funds on the Treece Meadows Drain.

There were 21 remonstrances filed. The Chairman read the following remonstrances:

July 2, 1979

Tippecanoe County Drainage Board
County Office Building
20 N. 3rd Street
Lafayette, Indiana 47901

Dear Members of the Drainage Board:

In response to the notice we received from the Tippecanoe County Drainage Board stating that we would be assessed \$289.14 per year for cleaning the Treece Meadows Open Ditch, we would like to register our protest of this charge.

Our farm is located east of Treece Meadows and drains into the Wilson ditch. We are already being assessed \$67.50 per year for maintenance of the Wilson Ditch.

This open ditch which you say needs to be cleaned every year, we found, upon investigation, is filled with trash, cardboard cartons, pieces of asbestos shingles, etc, all of which come from the Treece Meadows addition, and we feel they should be the ones to pay for cleaning this open ditch.

We were not consulted in any way about putting in this open ditch, and had adequate drainage from the Wilson ditch for that part of our farm.

We would appreciate very much your reconsideration of this assessment.

Yours truly,

/s/ _____
Russell H. Gipe

/s/ _____
Marjorie S. Gipe

Fredrick & Nora Scott, Jr.
817 Julia Lane
Lafayette, Indiana 47905
June 18, 1979

Tippecanoe County Drainage Board
Lafayette, Indiana

Dear Sirs:

In response to the matter of the Treece Meadows Drain, on S D Part 2 Lot 24, we have the following objections regarding the 22% increase of periodically maintaining the drain.

First of all, since the drain was made and supposedly finished in the summer of 1975, there has been no effort on your part to clean, or maintain proper flow of water or to investigate the size of the ditch and its hazards to the children in our community. And you want to increase our taxes without maintaining your side of the agreement as stated in your letter.

We have resided at this residence since January 1975 when the edition was first opened.

For the past four years there has been no effort on your part to help maintain the ditch. The water in the ditch has remained stagnant since it was built. We have contacted several agencies including the Board of Health but, of course, to no avail.

Now you want to increase our taxes to maintain the ditch. What have you been doing these past four years? Taking your money and spending it elsewhere?

As for our children, the ditch is a hazard. For all the water and the size, the ditch seems to attract all the children in our community. Will something have to happen to our children before you make an effort to do something about it? The mosquitoes are also a problem, making it almost impossible to sit in the back yard!

If the county surveyor keeps his side of the agreement regarding the ditch, it will be a miracle!

Minutes
Approved

Camelot
SD.

Treece
Meadows
Drain

It seems we only get a response when you want to increase our taxes.
Other than that - nothing is done.

We affirmly believe your increase in our taxes is unfair and unjust. You will probably increase our taxes and never send anyone to maintain the ditch like you have done in the past four years.

We will attend the hearing on July 11, 1979. Like it has been the people in our community will get short changed as usual, and our taxes will go up and the ditch will remained untouched.

Concerned taxpayers

22 signatures

There were two other remonstrances not read.

Those present were: Norbert Korty, Roger D. Branigan Jr., Mrs. John M. Rutledge, Ralph L. Hamilton, David M. Fritz, F. Scott, S. Elliott, Russell Gipe, Mrs. James Whistler, Anna Gilbert, Patricia F. Weidner, Pat Bennett, Pam Williams, Linda Green, Loretta Burkhardt, Wm D. Martin, Vicki Kallenberger, Caterpillar-Nina B. Kirkpatrick, A. F. Wootton, Lucille I. Wootton, Mr. & Mrs. Carl Brunner, Wade D. Hoffman, Thomas W. Downs, Ed Brud-Journal & Courier and Don Rittel-TV-18.

There were many questions about maintenance, health hazard, easements and the installation of the ditch. Was the developer liable if the ditch was not properly installed? Mr. Vanderveen stated that the ditch had been designed by and Engineering Firm and approved by the Drainage Board and the ditch was constructed prior to any lots being sold, so the property owner did know the ditch was there before purchasing the property. The ditch was built as designed so he didn't believe that the developer was responsible.

By request, the Chairman read the following Surveyor Report:

MAINTENANCE REPORT OF THE COUNTY SURVEYOR
FOR TREECE MEADOWS DRAIN

For the purpose of following this report the ditch has been divided into sections.

- SECTION I. Beginning at the north east corner of Treece Meadows Subdivision and running south and then west to Julia Lane.
- This part is approximately 1600 feet of open channel, it appears that there are many locations where either in the original construction it was off of grade or there has been considerable silting causing many pockets of standing water or watermoving very slowly. At the point where Julia Lane crosses the drain there are three 24 inch corrugated metal pipes each 75 feet long, these pipes appear to be flat or maybe on a reverse grade, as water seems to be deeper on the east side of the Julia Lane crossing, on the west side flow almost unnoticeable.
- SECTION II. From Julia Lane west for 550 feet, then south for 200 feet to where the drain goes into a 36 inch corrugated metal pipe. This had standing water over the entire length, very bad odor noted at the down stream end of this section where it goes into pipe. The 36 inch pipe has about 1 foot of trash and stone blocking water flow.
- SECTION III. This part is 600 feet long, all 36 inch corrugated metal pipe. Upper end condition noted above in Section II. Lower end open and no obstruction at outlet. Water standing about 6 inches deep in pipe outlet.
- SECTION IV. This part of the drain goes from outlet of 36 inch CMP, then east and south to McCarty Lane bridge. This is all open channel, approximately 420 feet long. Water moving slowly, some cattails and water loving vegetation.
- SECTION V. This part is 1445 feet long, from McCarty Lane to the point where it goes into 24 inch corrugated-metal pipe at south end of detention basin. Water moving, maybe somewhat faster, some water loving plants noted. Detention basin is in fairly good shape although, the flow line meanders quite a lot around the bottom of the pond. Water in front of outlet pipe about 1/2 foot deep, must be low spot.
- SECTION VI. Is 795 feet long, from outlet pipe in detention basin to outlet structure on Creasy Lane. This part is all 24 inch corrugated metal pipe. Water running at outlet, presume all is well with this section.

It should be noted, that there are considerable amounts of trash and discarded building materials through out Sections I thru IV in the ditch. It should, also, be noted that my office is in the process of running a level line on this ditch to help determine what measures can be taken to remedy this situation.

Mike Spencer
Tippecanoe County Surveyor

The majority of those present didn't object to the increase in assessment, but they would like something done to improve the ditch.

They asked if the ditch could be reconstructed. "Yes," but would be very expensive, but were told if that^{what} they wanted that they would be notified of a estimated cost of reconstructed based on benefits and damages.

Bruce Osborn made a motion to increase the assessment for the Treece Meadow Drain to \$3.00 per acre and \$10.00 per lot with no assessment under \$10.00. The motion was seconded by Martin Galema.

Before the Board adjourned, Bruce Osborn made a motion to accepted the Surveyor report and increase the watershed of the Treece Meadow Drain.

A letter to Caterpillar Tractor Company read as follows:

Caterpillar Tractor Co.
100 N. E. Adams Street
Peoria, Illinois 61629

Attention: Dallas Myers

Re: TREECE MEADOW LEGAL DRAIN
MAINTENANCE ASSESSMENT

Dear Sir:

Your firm will be assessed for 157.90 acres at \$3.00 per acre, per annum until such time that you determine and our County Surveyor concurs that no portion of your property drains into the above named legal drain. At that time your property will be removed from this assessment roll.

Very truly yours,

/s/

William G. Vanderveen, Chairman
TIPPECANOE COUNTY DRAINAGE BOARD

With the increase of maintenance funds, the Board signed the Order and Findings and Certificate of Assessments.

Next on the agenda was the Vacation of a portion of the Michael Layden Ditch.

Those present were: William Bennett, Dale Koons and Pat Bennett.

Bruce Osborn made a motion that the portion of the Michael Layden Drain be vacated as submitted. The motion was seconded by Martin Galema and made unanimous by William Vanderveen.

Caterpillar Tractor Company was on the agenda for-10:30 a.m., Mr. Roger D. Branigan Jr., their local counsel was present, but no one from the company.

A motion was made to with draw Caterpillar Tractor Company from the agenda at this time. The motion was seconded and made unanimous.

Those attending the meeting of Arthur Shumard and Harrison Meadow were: Don Freeman, Arthur W. Shumard, Mary E. Shumard, Floyd G. Mitchell, Wm. Long, John E. Fisher, Nobert N. Grove, Paul J. Coutts, Ann G. Davis, Joe Bumbleburg and Pat Bennett.

The Chairman stated that Mr. Arthur Shumard was put on the Drainage Board's agenda because there is a multitude of problems with the Harrison Meadow Drain.

Ann G. Davis representing Arthur Shumard stated that Mr. Shumard problem basically is that, since Harrison Meadow has been constructed the water which once went to the South now runs to the north across his land. He has had road-s washed out at least twice, water coming through with so much force that it nearly knocked him down. He had water running across his field almost hip deep, at least at one point. His understanding was that when Harrison Meadow went in, the developer would put a tile at the back of his property some way to deal with the drainage problems, and this apparently has not been done. Mr. Shumard basically wanted the Drainage Board to be aware of this, and to asked what the County can do about this problem of water running across his land-

Mr. Vanderveen stated that it is the findings of the surveyor that actually, that the "as built" is not the same as the construction plan for Harrison Meadow Drain.

Mr. Joe Bumbleburg stated that the Surveyor should put his opinion at a point where we could all look at it and maybe the things, he is unhappy about is simply the things that has not been completed.

After much discussion on the construction and reviewing the drainage plan. It was decided the ditch be completed as design and Mr. Fisher to check levels, then see if the problem has been corrected.

Bruce Osborn made a motion for Mr. William Long or Floyd Mitchell to report next month to the Drainage Board on the progress.

The Chairman opened the meeting of Wakerobin Subdivision.

Those present were: Leslie A. Bryan Jr., Herb Schwetman, Bob Pierret, Don Freenan, Don Twiddy, Charles Gosney, John McBride, John Fisher, Paul Coutts and Nobert N. Grove.

Paul Coutts reviewed the following report:

SUMMARY OF ANALYSIS AND DESIGN

STORM WATER MANAGEMENT SYSTEM

WAKEROBIN ESTATES

MAY, 1979

1. Total Existing Watershed (north of Lindberg Road)

Total Approximate Area = 344 acres
10 Year Runoff = $Q_{10} = cIA = 0.16 (2.3) (344) = 126.6$ c.f.s.

100 Year Runoff = $Q_{100} = cIA = 0.16 (3.2) (344) = 176.1$ c.f.s.

Michael
Layden
Ditch

Caterpillar
Tractor
Company

Harrison
Meadow
Ditch

Wakerobin
Subdivision

2. Existing 44" x 72" c.m.p.a.

Invert elev north side = 669.36
 Top of road elev = 676.50
 HW elev @ Q = 126.6 c.f.s. : 674.31 (10 year storm)
 Capacity @ Top of road (676.50) = Q = 170 c.f.s. (100 year)

3. Sherwood Forest & Castle Estates

Approximate Area = 20.4 acres \pm
 Before-Development Runoff = $Q_{10} = c IA = .15 (2.8) (20.4) = 8.6 \text{ c.f.s.}$
 After-Development Runoff = $Q_{10} = c IA = .25 (3.8) (20.4) = 19.4 \text{ c.f.s.}$

4. Wakerobin Estates

Area = 28.4 acres \pm
 Before Development Runoff : $Q_{10} = c IA = 0.15 (3.2) (28.4) = 13.6 \text{ c.f.s.}$
 $Q_{100} = c IA = 0.15 (4.4) (28.4) = 18.7 \text{ c.f.s.}$
 After Development Runoff*: $Q_{10} = 12.0 \text{ c.f.s.} / 13.6 \text{ c.f.s.}$
 $Q_{100} = 17.9 \text{ c.f.s.} / 18.7 \text{ c.f.s.}$

*Note: Peak rates of flow are based upon modeling using ILLUDAS and TR-20 Computer programs wherein detention storage and metering of outflow were utilized to reduce the after-development peak rates of runoff to a value less than the before-development rates of runoff.

5. Results

- A. The existing culvert pipe under Lindberg Road appears to be of adequate design in that freeboard (2.2') is available for the 10-year storm and the 100-Year headwater elevation is near- the top of the road and thus complies with standard design criteria.
- B. Because of the lack of elevation differential between the top of the road and some of the houses in Sherwood Forest, a potential for flooding does currently exist. It should be noted that the Indiana Department of Natural Resources normally recommends that all buildings be provided with a flood protection grade set a minimum of two feet (2') higher than the 100 year frequency flood elevation. The flood protection grade is the lowest point around the perimeter of the building at which water may enter the interior of the building.
- In this case, it appears that some of the houses at the southwestern corner of Sherwood Forest not only do not have the recommended two feet (2') of protection, but are below the top of the road.
- C. The storm water management system for Wakerobin Estates will:
- 1) not increase the peak rate of flow for the after-development condition for a 100 year frequency storm and less,
 - 2) reduce the hydraulic load on the existing 44" x 72" c.m.p.a. by proposing a separate outlet under Lindberg Road.

6. Recommendation

Because of the available freeboard (approximately 3') associated with the 21" c.m.p. proposed for outletting of the storm water management from Wakerobin Estates, an investigation should be made to determine the feasibility of providing additional relief for the 44" x 72" c.m.p.a. through the construction of a rectangular concrete wier with a minimum flow line invert of 673.5.

After discussing the pros and cons about the drainage plan. All were informed that the Drainage Plan would be taken under advisement and hope to reach a decision before Wednesday.

Meeting adjourned.

William G. Vanderveen

William G. Vanderveen, Chairman

Bruce V. Osborn

Bruce V. Osborn, Vice Chairman

Robert F. Fields

Robert F. Fields, Board Member

ATTEST:

Ethel Kersey
 Ethel Kersey, Exec. Secretary

REGULAR MEETING OF THE TIPPECANOE COUNTY DRAINAGE BOARD HELD AUGUST 1, 1979

The regular meeting of the Tippecanoe County Drainage Board met in the Community Meeting Room in the County Office Building at 9:00 a.m. on Wednesday, August 1, 1979, with the following members present: William G. Vanderveen, Bruce V. Osborn, Robert F. Fields, William D. Martin, Michael J. Spencer, J. Frederick Hoffman, Peter Nufer and Ethel Kersey.

Upon the reading of the minutes of the July 11, 1979 meeting, William G. Vanderveen moved to approve the minutes read. Bruce V. Osborn second the motion.

Minutes
Approved

Mr. Dale R. Brown and Mr. Brent E. Clary came before the Drainage Board with the drainage plan of Lockwood Subdivision. Located in Fairfield, Part of the E $\frac{1}{2}$ Sw $\frac{1}{4}$ Section 13, Township 23 North, Range 4 West.

Lockwood
Subdivision

A Motion was made and carried to postpone making a decision on the drainage plan, until the Construction Plans have been reviewed.

The Chairman opened the meeting on the reconstruction of the John Saltzman ditch by reading the following waiver:

John
Saltzman
Ditch
Reconstruc-
tion

WAIVER OF PARTICIPATION ON A JOINT DRAINAGE BOARD

WHEREAS, the John Saltzman Drain lies within Carroll County and Tippecanoe County, and

WHEREAS, it is proposed that a joint drainage board be formed from the drainage boards of Tippecanoe County and Carroll County to govern the John Saltzman Drain, and

WHEREAS, it appears that more than eighty percent (80%) of the land affected by the John Saltzman Drain lies within Tippecanoe County and more than ninety percent (90%) of the length of the John Saltzman Drain lies within Tippecanoe County, and

WHEREAS, I.C. 19-4-1-14 provides that the lesser affected counties may waive the right to be represented on a Joint drainage board.

NOW, THEREFORE, the Carroll County Drainage Board, by its duly elected members, hereby waives the right to be represented on the proposed joint drainage board for the John Saltzman Drain.

Dated this 23 day of July, 1979.

/s/ Larry E. Boone

/s/ Lee E. Reppert

/s/ William Dickinson

There was one remonstrances filed and read as follows:

Tippecanoe Drainage Board
Re: John Saltzman Ditch

I am writing to oppose the reconstruction of the Saltzman Ditch and the \$16.00 a Assessment for the project.

/s/ Jack D. Buck
sharon A. Buck

The Chairman, read the following Surveyor Report:

Re: Reconstruction of the Open Portion of the John Saltzman Ditch

The portion to be reconstructed begins at the bridge on County Road 350 North, approximately one half a mile west of the east County Line Road, then running in a southwesterly direction for 3100 feet to the north fork of Wildcat Creek.

Large amounts of water coming down the ravine north of County Road 350 North, have caused considerable damage to the existing open ditch at the point where it bends and runs parallel to the county road. This water has also caused the ditch to wash out, letting water cascade out across Glen Rodger's field, causing crop damage and erosion.

It is my belief that if the open ditch were dredged out and the spoil placed on the southern side of the channel, the capacity of the open ditch would be greatly increased, and high water would be kept within the ditch by the spoil bank acting as a dike.

Discussing the pros and cons of only reconstructing a portion of the open ditch. The question arised why was the tile portion of the ditch not included in the reconstruction. The Surveyor, stated that the upper portion of the ditch needed some repairs but not reconstructed. The next question was could there be a maintenance fund established, before the reconstruction was completed, so the upper part of the ditch could be repaired. "Yes."

Bruce Osborn made a motion that the reconstruction of the John Saltzman ditch be approved. Robert F. Fields seconded the motion and made unanimous by Willian G. Vanderveen.

The Chairman, asked those present if anyone had any objection to setting up a maintenance fund, before the ditch is reconstructed. No one objected.

Robert F. Fields made a motion that a Maintenance Fund be established at the rate of \$2.00 per acre assessment per annum. Bruce V. Osborn seconded the motion.

Those in attendance were: Mr. and Mrs. Hughel W. Miller, Glenn H. Rodgers, Earl Miller, Glen E. Miller, Mr. and Mrs. Terry Lewis, Hester Klinker, Melvin and Mary L. Miller, Charles Shultheis, Ruth W. DeLong, George DeLong, agt., Carol (Felix) Walters, Robert Shively, Coris Burkhalter, Harold Burkhalter, and Jack Buck.

Upon the establishment of a maintenance fund on the Johns Saltzman Ditch the Board signed the Order & Findings forms and the Certificated of Assessments to be placed in the hands of the Auditor for collection in the year 1980.

Fountainview Place Mr. McCully, James A. Herdon and Ralph Willis came before the Drainage Board with Preliminary Drainage Plan for Fountainview Place.

The Drainage Plan to be taken under advisement and they are to return on Monday, August 13, 1979, for rezoning.

Harrison Meadows Drain Willian Long and Floyd Mitchell returned, as requested by the Drainage Board, to report the progress on Harrison Meadows Drain.

Mr. Long stated that they were here Twenty-one days ago today and at that time they pledged to the County Commissioners to complete the legal drain as per planned. Mr. Long said that they have had twenty days, ten of which has been rain, six of which has been week-end, but he is happy to report that they have completed their job.

Mr. Long had pictures to show what had been done and also made a public apology to Mr. Fields on a disagreement about the drain.

Michael J. Spencer, the County Surveyor agreed that the legal drain, as per planned was completed.

Larry Polley and John Fader were present for the above meeting.

Mr. George Schulte came before the Drainage Board with Drainage Plan and an easement variance for Indiana Vocational Technical College Expansion.

Ivy Tech Bruce V. Osborn made a motion to approve the drainage plan and the easement variance of 15 feet, from 75 feet to 60 feet. Robert F. Fields seconded the motion and made unanimous by Willian G. Vanderveen.

Frank Brown Mr. Frank Brown from Battle Ground, Indiana, came before the Drainage Board with a drainage problem. Mr. Brown stated that since the new Junior High School has been built, he has had more water than he had ever before on his property.

The Drainage Board asked the County Surveyor to check on this Problem.

With the days business completed, the Board so moved to adjourn.

William G. Vanderveen

William G. Vanderveen, Chairman

Bruce Osborn

Bruce Osborn, Vice Chairman

Robert F. Fields

Robert F. Fields, Board Member

ATTEST:

Ethel Kersey
Ethel Kersey, Executive Secretary

The Tippecanoe County Drainage Board met in the Community Meeting Room on July 1, 1981 at 9:30 a.m. with the following members present: William Vanderveen, Sue Reser, Mike Spencer-County Surveyor, and Natalie Boyer-Secretary.

Indiana Gas Company

Ed Weast from the Indiana Gas Company was before the Drainage Board requesting permission to cross several legal drains while they are putting in a new gas line from US 52 South near Staley's, north to Caterpillar.

The gas line will go North to Caterpillar along the existing power line easement.

Indiana Gas Company

As in the past the County will hire an inspector and the Gas Company will pay for him. This is to insure that all tile, whether legal drains or private drains, are properly repaired.

Motion: Sue Reser: Motion to approve request.

William Vanderveen: Unanimous.

Platt Branch of the Ray Skinner Ditch

Russ Ticen from John E. Fisher Company was before the Board requesting a variance in legal drain easement width along the Platt Branch of the Ray Skinner Ditch.

Platt Branch of Ray Skinner Ditch

His client is subdividing a tract of land along CR 900 South, west of Stockwell, to be known as Harden Subdivision.

The legal drain tile runs in the south side ditch of 900 South.

Sue Reser made the motion to grant variance of the legal drain easement along the Platt Branch of the Ray Skinner Ditch from the normal 75' r/w, a release of 30', reducing the legal easement to 45'. Subject to a legal from from Fred Hoffman.

William Vanderveen: Made the motion Unanimous.

Wakerobin

Mike Spencer was before the Drainage Board with his recommendations for Wakerobin Subdivision.

Wakerobin

Mike Spencer was concerned that Part 2 Section 1 of Wakerobin Subdivision construction plans showed construction limits cutting one detention pond in two pieces. He recommended that the total Drainage System be installed at one time, this would eliminate a piece-meal system.

Mike Spencer talked with Dan Ruth, Highway Engineer, he stated he did not want them to do it until construction on SR 26 was completed.

We have not received proof that the Home Owners Association has been set up in a legal and binding way for all property owners to be involved.

Wakerobin

Wakerobin

Motion: Sue Reser made the motion not to grant them the Part 2 Section 1 request until all of the drainage facilities are in and inspected and are satisfactory.

Wakerobin

William Vanderveen made the motion unanimous.

Ken-Do-Lake

Mike Spencer was before the Board with drainage plans for Ken-Do-Lake.

There is 1 mobile home and 30' of another mobile home in the easement.

Ken-Do-Lake

Motion: Sue Reser made the motion to approve the drainage plans for Ken-Do-Lake, with the stipulation, that if and when, the ditch needs to be cleaned and the mobile homes are in the way, they will have to remove the homes.

William Vanderveen: Unanimous.

Petition on Harrison Meadows

Mike Spencer submitted a petition to the Drainage Board from the landowners in Harrison Meadows Subdivision requesting the Board to make necessary repairs to insure proper drainage of the Subdivision.

Petition-Harrison Meadows

The petition was accepted by the Board.

MOTION: Sue Reser made the motion to adjourn.

William Vanderveen: Unanimous.

Motion made and carried, meeting adjourned.

William G. Vanderveen

William G. Vanderveen, Chairman

Sue Reser

Sue Reser, Board Member

Natalie Boyer
ATTEST: Natalie Boyer, Secretary

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

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

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

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

334

January 8, 1986 Regular Meeting Continued

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

986
SSESS-
ENTS

1986 ASSESSMENTS:

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

ODRIDGE
UTH

WOODRIDGE SOUTH

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

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

JAMES
KIRPAT-
CK
DITCH

JAMES KIRPATRICK DITCH

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

MCLAUGHLIN
IN
DITCH

MCLAUGHLIN, JOHN DITCH

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

ELLIOTT
DITCH

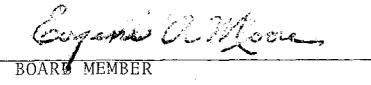
ELLIOTT DITCH

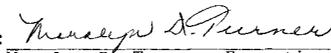
A hearing will be set sometime in 1986 for increasing maintenance fund on the Elliott ditch.

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


CHAIRMAN


BOARD MEMBER


BOARD MEMBER

ATTEST: 
Maralyn D. Turner, Executive Secretary

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.

HOFFMAN
DITCH

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

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
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, Aurther	\$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
Keith E. McMillin, Chairman

Nola J. Gentry
Nola J. Gentry, Member

Hubert D. Yount
Hubert D. Yount, Member

ATTEST: Dorothy M. Emerson
Dorothy M. Emerson, Executive Secretary

**TIPPECANOE COUNTY DRAINAGE BOARD
REGULAR MEETING
OCTOBER 7, 1992**

The Tippecanoe County Drainage Board met in regular session held on Wednesday, October 7, 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, David Luhman, Attorney ProTem, 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 September 2, 1992. Nola Gentry moved to approve the minutes, seconded by Hubert Yount. Unanimously approved.

MAPLE POINT ENTERPRISES

Joe Bumbleburg representing Maple Point Enterprises, Inc., requested permission from the Board to connect the internal drainage system to the County drain that will be along Creasy Lane. The second request is to construct a permanent structure in the statutory right of way of the drain for the purpose of traversing the drain for vehicular and pedestrian crossing. The last request is to have the statutory Drainage Easement reduced to 25 feet on each side of the drain.

Commissioner Gentry stated that they already have the right to connect into a legal drain at the predeveloped rate of release per County Ordinance.

Discussion followed.

Surveyor Spencer stated that his recommendation is they can connect to the drain as long as it meets the County's Drainage Ordinance and they can cross the drain, but will need to come to the Board with their design for approval. Mr. Spencer also stated that he had no problem with reducing the drainage easement to 25 feet on each side from the top of the bank.

Commissioner Yount asked if they were only addressing two things this morning?

Surveyor Spencer stated yes, 1) the easement reduction and 2) the crossing.

David Luhman, Attorney ProTem stated that the statute requires that they get the Drainage Boards permission to do these things 1) connect, 2) build the crossing, and 3) reduce the easement. Those are all contingent on their submitting plans and specifications that are approved by the Board. So you can say yes upon submission of plans and specifications that meet the requirements, we will approve connection, the permanent structure being (the overpass) and the reduction of the easement.

Commissioner Gentry moved to write a letter stating the three items requested could be done according to County Drainage Ordinance.

Commissioner Yount, seconded. Motion carried.

ANDERSON STORAGE 250 NORTH

Bob Grove, Engineer representing Richard Anderson asked the Board for approval of drainage plans for his proposed storage facility.

Discussion followed.

Mr. Grove stated they are asking for a variance request from the 7 inch maximum storage depth to 9 inch. This is not an area to be used for parking or for frequent traffic and the general public would not have access to this area.

Discussion followed.

Commissioner Gentry asked if the 6 inch tile was a regulated drain.

Surveyor Spencer stated that in order for a new pipe to be put down Mr. Andersen has got to have the downstream landowners permission to accept the water and has an agreement that was received yesterday that allows for that.

Discussion followed.

Commissioner Gentry moved to approve the drainage proposal contingent upon receiving the proper permit from the County Highway Department for placing a pipe under County Road 250 North.

Commissioner Yount, seconded. Motion carried.

Commissioner Gentry moved to approve the request for variance from 7 inch depth in the detention area to a 9 inch depth.

Commissioner Yount, seconded. Motion carried.

GREAT LAKES CHEMICAL

Brian Winkleman, Project Manager for WBDC representing Great Lakes Chemical requested approval of the proposed drainage plans. He also requested 3 variances as part of this plan. 1) To delete the fence required to surround the permanent pool, 2) to allow 8 inches of pavement storage instead of 7 inches of storage per the Ordinance and 3) to allow the depth of the pond North of the proposed parking lot to be 5 foot deep instead of the maximum 4 feet depth per the Ordinance.

Discussion followed.

Surveyor Spencer stated that they had met at length with the WBDC people this morning and Great Lakes and went over the list, there are some items that need further clarification and recalculation.

Discussion followed.

Commissioner Yount asked how much of a delay it would be to the project if we waited for all the information.

Mr. Winkleman stated at least 30 days until the next Drainage Board meeting.

Surveyor Spencer stated that a special meeting could be held so the delay could be as short as possible.

Discussion followed.

Commissioner Yount moved to continue the Great Lakes Chemical proposal until all information is submitted. The meeting will be continued on Friday, October 16, 1992 at 8:30 A.M.

Commissioner Gentry, seconded. Motion carried.

OTHER BUSINESSClarks Hill

Surveyor Spencer reported to the Board that last week he had rented the City of Lafayette's camera and a contractor is coming today at 10:30 to view the film.

Harrison Meadows

Surveyor Spencer stated that he has received a petition for maintenance work on the Harrison Meadows regulated drain. Harrison Meadows is a subdivision on 600 North just East of 43 out by the State Police post. When the subdivision was built it was made a regulated drain, there is a maintenance fund on the rear yard surface swale within the subdivision. It has been about 10 years since the subdivision was built and they are starting to experience rear yard drainage difficulty in the swale area, so they are presenting a petition to initiate maintenance work to restore the rear yard swales to their original condition. We have started the survey work and utility location and the project will hopefully go out for quotes within the next two weeks.

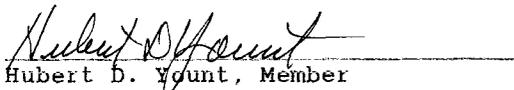
Being no further business, Commissioner Gentry moved to adjourn the meeting until Friday, October 16 at 8:30 A.M.

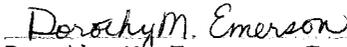
Commissioner Yount, seconded. Motion carried.

The next regular scheduled meeting will November 4, 1992.


Keith E. McMillin, Chairman


Nola J. Gentry, Member


Hubert D. Yount, Member

ATTEST: 
Dorothy M. Emerson, Executive Secretary

TIPPECANOE COUNTY DRAINAGE BOARD
REGULAR MEETING
DECEMBER 2, 1992

The Tippecanoe County Drainage Board met in regular session held on Wednesday, December 2, 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, J. Frederick Hoffman, Drainage Board Attorney, Paul Coutts, Bill Long, Tom McCully, Attorney representing Bill Long, Tom Borch, Hawkins Environmental, Jon Stolz, Christopher Burke Engineering, & Shelli Hoffine, 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 November 4, 1992. Commissioner Gentry moved to approve the minutes, Seconded by Commissioner Yount, Unanimously Approved.

Red Oaks Subdivision

Mr. Paul Coutts presented the Red Oaks Subdivision Drainage update. The concept had not changed, since the July 8, 1992 Drainage Board Regular Meeting. Mr. Coutts handed out a letter asking for variances from the Tippecanoe County Drainage Ordinance requirements for a wet bottom detention storage.

Discussion Followed.

Mr. Hoffman asked if that would create an illegal diversion of water running on someone else's property?

Mr. Coutts response, we've done a lot of studying, even going to the extent of going out there when it rains to try to figure out where the water really flows.

Discussion Followed.

Mr. Spencer stated that there is not a defined channel to a outlet.

Mr. Hoffman asked if there would be any adverse affect on Dr. Clayton from the present situation?

Mr. Coutts replied as to the current situation, there will be no change. The water will still drain to the same place.

Discussion Followed.

Commissioner McMillin asked if the whole pond would remain wet?

Mr. Spencer answered Yes

Discussion Followed.

Commissioner McMillin asked how much space will there be between the pond and the street?

Mr. Coutts said there will be 150 feet to 175 feet.

Mr. Hoffman asked how often are the residents going to have water in their back yards?

Mr. Coutts said it was sized for the 100 year storm.

Mr. Hoffman asked is this a permanent storage?

Mr. Coutts said Yes.

Mr. Hoffman asked if there was going to be a fence around the pond?

Mr. Coutts said they are asking for 3 variances.

- 1) A six foot (6') chain link fence with the customary warning sign not be required.
- 2) Deletion of the requirement for a maintenance ledge 12 to 18 inches above the permanent water line.
- 3) No requirement for a safety ramp exit.

Mr. Hoffman asked how deep is the pool?

Mr. Coutts said four foot (4') to six foot (6') deep.

Discussion Followed.

Commissioner Gentry moved that the variances be granted. A six foot (6') chain link fence on the front storage pond, but require screening & land landscaping to buffer it from the Ninth Street Road and the Deletion of the requirement for a maintenance ledge 12 to 18 inches above the permanent water line and the safety ramp requirement.

Commissioner Yount seconded the motion. Motion carried.

Commissioner Gentry asked what concerns do we have from Steve?

Mr. Spencer and Steve Murray, Highway Engineer met with Paul yesterday afternoon and went over our consultant's, Jon Stolz, list of concerns and Steve's concerns from the Highway Department and we discussed all the different items. We have come to an agreement on all the items of concern which will be included in a revised set of construction plans.

Commissioner Gentry asked does this fall under the new rule 5 permit?

Mr. Spencer said I believe it does.

Commissioner Gentry asked Mr. Coutts if he filed for that permit.

Mr. Coutts said not yet, but we intend to file for a permit.

Discussion Followed.

Mr. Hoffman asked if they have to have a County Highway permit?

Mr. Spencer said they had a permit.

Commissioner Yount moved to approve the plan as submitted with the variances as granted. Seconded by Commissioner Gentry. Motion carried.

Improvements to Creasy Lane and State Road 26

Mr. Tom Borck of Hawkins Environmental went over the proposed improvements to Creasy Lane North of State Road 26 up to the intersection of Kensington and Creasy Lane. He wanted to get an idea on how to proceed with a conceptual agreement before he finished all the drainage calculations. He said there will be a five lane roadway from State Road 26 to Union Street, then from Union Street a transition from five lanes to four lanes.

Discussion Followed.

Mr. Hoffman asked if the water will affect Mr. Dibbles house.

Mr. Borck said yes it will be in his neighborhood.

Mr. Spencer said the water will run past his house like it does today.

Mr. Hoffman asked what about the ravine that runs at the back of the house, will it have any affect on that?

Mr. Borck said not any more affect then after a rain today.

Commissioner Gentry asked what kind of structure would you put at the end of the ravine.

Mr. Borck said there are a number of structures they could put up.

Proposal for Harrison Meadows

Mr. Spencer stated that proposals were received two weeks ago for maintenance work in the Harrison Meadows Subdivision. He recommended that the Board accept the proposal of F & K Construction, to do the work at Harrison Meadows.

Discussion Followed.

Commissioner Yount moved to accept the proposal from F & K Construction. Commissioner Gentry seconded the motion. Motion carried.

Maintenance on JB Anderson Ditch

Mr. Spencer had a proposal from Thompson Construction of Indianapolis for the root removal and chemical treatment of 387 Feet of 24" Tile in the JB Anderson Ditch in the Town of Clarks Hill for \$3,916.44
He recommended the Board accept the proposal.

Discussion Followed.

Commissioner Yount moved to accept the proposal from Thompson Construction Company. Commissioner Gentry Seconded the motion. Motion carried.

Other

Mr. Spencer said the specifications for the first 4,000 feet of the tile replacement in the Elliott Ditch, main tile portion are prepared. They are almost ready for signatures by the Board on the Notice to Bidders and on the Specification. By motion could I get the Boards signature on that or do we need to reconvene the meeting.

Mr. Hoffman said he didn't see why the Board couldn't go ahead and sign the Notice to Bidders and the Specifications.

Commissioner Gentry moved to authorize Mr. Spencer to go ahead with the preparation and the Notice to Bidders. Commissioner Yount seconded the motion. Motion carried.

Commissioner Gentry moved to approve Shelli Hoffine as the Executive Secretary to the Drainage Board. Commissioner Yount seconded the Motion. Motion carried.

With no other business to discuss Commissioner Yount moved to adjourn. Commissioner Gentry seconded the Motion. Motion carried.

The next regular scheduled Drainage Board Meeting will be January 6, 1992 at 8:30 AM.

Keith E. McMillin, Chairman

Nola J. Gentry, Member

Hubert D. Yount, Member

Attest: _____
Shelli L. Hoffine, Executive
Secretary Drainage Board

drainage board meeting 12/3/92

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

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 Rickerd	F.E. Morin Emmett Rayman	Hester Motsinger Franklin Reser	J.Kelly O'Neal Aurthur
Joseph Sterrett Walters	Gustav Swanson	Jacob Taylor	William
Wilson Nixon Creek	Simeon Yeager	Jesse Dickens	Dismal
Kirkpatrick One Lateral	John Hoffman	Sophia Brum	HW Moore
Mary Thomas	Arbegust-Young	Jesse Anderson	

INACTIVE

John Amstutz	James Shepardson	E.W. Andrew	
Dempsey Baker			
Newell Baker	Nellie Ball	John Blickenstaff	NW Box
Alfred Burkhalter	Orrin Byers	Floyd Coe	Grant
Cole			
Jesse Cripe	Charles Daughtery	Frannie Devault	Marion
Dunkin			
Thomas Ellis	Martin Erwin	Elijah Fugate	Martin
Gray			
Thomas Haywood Johnson	George Inskeep	Lewis Jakes	Eugene
James Kellerman	James Kirkpatrick	John Kuhns	John
McCoy			
Wesley Mahin	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 Inskeep
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
Minutes
March 24, 2006
SPECIAL Meeting

Those present were:

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

Classification of Drains (Partial)

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

He reviewed his report with the Board as follows:

1.) Drains in need of Reconstruction

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

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

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

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

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

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

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

1. F-Lake Detention Facility

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

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

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

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

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

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

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

2.) Hearing and rates established in 2005

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

KD Benson, President

John Knochel, Vice President

Brenda Garrison, Secretary

Ruth Shedd, Member

Tippecanoe County Drainage Board

Minutes

June 30, 2011
Special Meeting

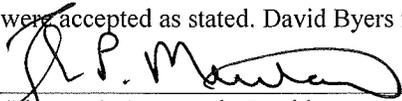
Those present were:

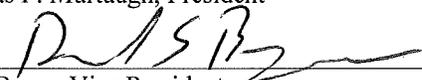
Tippecanoe County Drainage Board President Thomas Murtaugh, Vice President David Byers, member John Knochel, County Surveyor Zachariah Beasley, Drainage Board Attorney Dave Luhman and Drainage Board Secretary Brenda Garrison.

Regulated Drain Projects

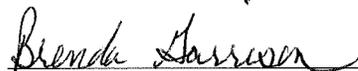
The meeting was brought to order by Mr. Murtaugh. He stated the only item on the Agenda was to open quotes for upcoming projects under \$25,000.00. The following projects were under consideration: Michael Binder #10 Regulated Drain, Fred Haffner #34 Regulated Drain, Harrison Meadows #37 Regulated Drain, Franklin Yoe #90 and the S.W. Elliott Treece Meadows Relief Branch #100. The attorney noted he would open the quotes from each Contractor as they had submitted. The first quotes were submitted from Tony Garriott and the attorney read them in the order as stated: M. Binder #10 Regulated Drain \$7000.00, F. Haffner #34 Regulated Drain \$12,500.00, H. Meadows #37 Regulated Drain \$10,031.00, F. Yoe #90 Regulated Drain \$2,100.00, Treece Meadows Branch of the Samuel W. Elliott #100 Regulated Drain \$20,475.00. The next submission was from Lauramie Excavating and was read as stated: Treece Meadows Branch of the Samuel W. Elliott #100 Regulated Drain \$5,600.00, F. Yoe #90 Regulated Drain \$1,800.00, F. Haffner #34 Regulated Drain \$11,745.00, M. Binder #10 Regulated Drain \$5,410.00, there was no quote for the Harrison Meadows #34 Regulated Drain. The next submission was from Rinehart Excavating and was read as stated: Treece Meadows Branch of the Samuel W. Elliott #100 Regulated Drain \$12,600.00, M. Binder #10 Regulated Drain \$5,880.00, F. Yoe #90 Regulated Drain \$1,740.00, F. Haffner #34 Regulated Drain \$16,575.00, there was no quote for the Harrison Meadows #34 Regulated Drain. The next submission was from Cheesman Inc. and read as stated: M. Binder #10 Regulated Drain \$6,500.00, F. Haffner #34 Regulated Drain \$13,620.00, Harrison Meadows #34 Regulated Drain \$9,795.00, F. Yoe #90 Regulated Drain \$3,600.00, Treece Meadows Branch of the Samuel W. Elliott #100 Regulated Drain \$6,000.00. The next submission was from Fairfield Contractors Inc. and was read as stated: M. Binder #10 Regulated Drain- Time and Material with cost sheets for equipment rental rates and other rates with no operator attached, F. Haffner #34 Regulated Drain- Time and Material with cost sheets as aforementioned, H. Meadows #37 Regulated Drain- Time and Material with cost sheets as aforementioned, F. Yoe #90 Regulated Drain- Time and Material with cost sheets as aforementioned, Treece Meadows Branch of the Samuel W. Elliott #100 Regulated Drain- Time and Material with cost sheets as aforementioned. There were no fixed amounts submitted by Fairfield Contractors Inc. Responding to Mr. Murtaugh' inquiry, the attorney stated since the Surveyor's request was for prices and not time and materials - these quotes would be non responsive. The next submission was from Birge Farm Drainage and read as stated: M. Binder #10 Regulated Drain \$8,400.00, F. Haffner #34 Regulated Drain \$10,500.00, F. Yoe #90 Regulated Drain \$8,400.00, there were no quotes for the Treece Meadows Branch of the Samuel W. Elliott #100 Regulated Drain and the Harrison Meadows #37 Regulated Drain quote was not included. The next submission was from Wise Farm Management Corp. and included only one quote for the F. Yoe #90 Regulated Drain in the amount of \$1,320.00. These were the quotes which were received for the projects as listed. The attorney noted all quotes were submitted on the forms provided by the Surveyor's office except where noted (Fairfield Contractors Inc.).

The attorney noted the following lowest quotes were submitted as stated previously: F. Haffner #34 Regulated Drain from Birge Farm Drainage in the amount of \$10,500.00, M. Binder #10 Regulated Drain from Lauramie Excavating in the amount of \$5,410.00, Harrison Meadows #37 Regulated Drain from Cheesman Inc. in the amount of \$9,795.00, F. Yoe #90 Regulated Drain from Wise Farm Management Corp. in the amount of \$1,320.00, Treece Meadows Branch of the Samuel W. Elliott #100 Regulated Drain from Lauramie Excavating in the amount of \$5,600.00. The Surveyor noted one reason for the differences in prices was due to the time restraints, the Surveyor's office did not have a chance to type the specifications for each project and provide those to the contractors. Therefore they each gave him a rough estimate on the projects. He did speak with each individual contractor and inform them what was to be accomplished with each project. David Byers made a motion to accept the lowest quotes for the drainage projects as aforementioned. John Knochel seconded the motion. The F. Haffner #34 Regulated Drain from Birge Farm Drainage in the amount of \$10,500.00, M. Binder #10 Regulated Drain from Lauramie Excavating in the amount of \$5,410.00, Harrison Meadows #37 Regulated Drain from Cheesman Inc. in the amount of \$9,795.00, F. Yoe #90 Regulated Drain from Wise Farm Management Corp. in the amount of \$1,320.00, Treece Meadows Branch of the Samuel W. Elliott #100 Regulated Drain from Lauramie Excavating in the amount of \$5,600.00 were accepted as stated. David Byers made a motion to adjourn. The meeting was adjourned.


Thomas P. Murtaugh, President


David Byers, Vice President


John Knochel, Member


Brenda Garrison, Secretary

Tippecanoe County Drainage Board

September 3, 2014

Regular Meeting Minutes

Those present were:

Tippecanoe County Drainage Board President David S. Byers, Vice President John Knochel, member Thomas P. Murtaugh, County Surveyor Zachariah Beasley, Drainage Board Attorney Dave Juhnman, Drainage Board Secretary Brenda Garrison and Drainage Board Engineering Consultant Dave Eichelberger from Christopher B. Burke Engineering LLC (CBBEL). Evan Warner, G.I.S. Technician and James Butcher, Project Manager from the Surveyor Office were also in attendance.

Approval of Minutes

John Knochel made a motion to approve the August 6, 2014 regular minutes as written. Tom Murtaugh seconded the motion. Motion carried. The August 6, 2014 regular meeting minutes were approved.

CSX Raub Siding

James Inge from AMEC Engineering (Earth and Environmental) Inc. approached the Board to present CSX Raub Siding project for drainage approval. The project site was located approximately 800 feet south of County Road 800 South to approximately 1000 feet north of County Road 625 South. The site consisted of approximately 19.68 acres total area with approximately 14.63 acres disturbed with this project. Mr. Inge stated they agreed with the July 17, 2014 review memo and would continue to meet the conditions stated. The Surveyor stated the side rail being installed by CSX was located specifically just west of the County Road 800 South and U.S. 231 intersection, where an existing rail crossed County Road 800 South. He then reviewed the area for the Board utilizing G.I.S. He noted there were no regulated drains involved and CSX was in possession of the DNR permit required. He recommended approval with the conditions as stated on the July 17th Burke memo. Responding to Commissioner Byer's inquiry, Mr. Inge stated construction was planned to start next month. John Knochel made a motion to grant approval with the conditions as stated on the July 17, 2014 Burke memo. Tom Murtaugh seconded the motion. The motion carried. CSX Raub siding project was approved with conditions as stated on the July 17, 2014 Burke review memo.

Upper Berlowitz Master Plan

David Eichelberger with Christopher B. Burke Engineering LLC (CBBEL) approached the Board to present an update on the Master Plan regarding the Upper Berlowitz Regulated Drain Watershed. The City of Lafayette and the Tippecanoe County Surveyor Office joined forces and financial responsibility to establish a Master Plan for the upper portion of the Berlowitz Regulated Drain Watershed. Mr. Eichelberger stated the Master Plan included 4 regional detention ponds designed for the 100 year storm event. One pond was located on each side of County Road 550 South; one on the west side of Interstate 65 and one on the south side of McCarty Lane. The pond on the West side of McCarty Lane was partially constructed previously when the county road was extended as a positive outlet. Currently construction of this pond was being completed. The previously built ponds allowed continued development within the watershed to date. The upper portion of the watershed was bound by McCarty Lane, Haggerty Lane and Veterans Memorial Parkway as well as a development to the east. The goals of the plan were to meet the previously determined (1992) detention analysis, provide regional stormwater measures for the upper portion including stormwater collections in the most environmentally friendly way possible. The stormwater collection systems would be placed at convenient locations with minimal amount of disturbance to the area. This would allow future development positive drainage outlets. CBBEL worked with the City of Lafayette's Engineer's Office and the County Surveyor's Office keeping in mind any trails for walking/biking, roads and other amenities located within the watershed. An informal meeting was held on the 25th of August and all watershed landowners were invited to attend. No permits were required with the proposed construction included in the plan. He informed the Board he would be meeting with the City and the County Redevelopment Commissions on the 17th and the 18th of this month as well and would complete the official report in the near future. With this report would be a preliminary set of plans of major features such as; pipe sizes and elevations to be utilized for future developments within the watershed. All stormwater quality measures for the upper portion of the watershed would be provided for within the Master Plan. Developments would not be required to design stormwater quality measures or detention ponds to be included on their site as long as they met the preset perimeters within the Master Plan. Discussion was held regarding cost for detention storage as no amount other than the existing \$15,000.00 per acre storage requirement has been determined. Commissioner Byers stated if there were any specific questions from the attendees they were welcome to speak with Mr. Eichelberger after the meeting today. He thanked Mr. Eichelberger for the status update.

Petition to Encroach Hadley Lake/Cuppy McClure

The Surveyor presented a Petition to Encroach on the Cuppy McClure Branch of Hadley Lake Regulated Drain submitted by M.E.D. Institute and dated August 18, 2014. He noted M.E.D. Institute plans to erect a fence along their boundaries to stop trespassers. This

action requires the Petition as the fence would cross the open ditch and tile of said drain. He stated he reviewed the request and recommended approval by the Board. John Knochel made a motion to approve the Petition to Encroach on the Cuppy McClure Branch of the Hadley Lake Drain as presented by the Surveyor. Tom Murtaugh seconded the motion. Motion carried. The Petition to Encroach on the Cuppy McClure Branch of Hadley Lake Regulated Drain submitted by M.E.D. Institute and dated August 18, 2014 was approved by the Board.

Maintenance Increase Hearings request

The Surveyor requested 2 December 10th 2014 landowner hearings regarding increases in maintenance assessments on the James Kellerman and Harrison Meadows Regulated Drains. The Hearings would immediately follow the regular meeting to be held on that date. John Knochel made a motion to set Landowner Hearings for the James Kellerman and Harrison Meadows Regulated Drains as requested by the Surveyor. Tom Murtaugh seconded the motion. Motion carried. The James Kellerman and Harrison Meadows Regulated Drains Maintenance Increase Hearings would be held immediately following the regular meeting scheduled on December 10th, 2014. (Note this is the second Weds. of the month due to scheduling conflicts with the Board members)

Bonds/Letters of Credit

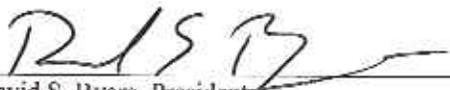
The Surveyor presented a Performance Letter of Credit #305 submitted to his office by Superior Structures in the amount of \$10,000 and written by the Lafayette Savings Bank for the Jessup Paper project. He recommended approval. John Knochel made a motion to approve the Letter of Credit as presented to the Board by the Surveyor. Tom Murtaugh seconded the motion. The motion carried. The Performance Letter of Credit #305 written by Lafayette Savings Bank for the Jessup Paper project in the amount of \$10,000.00 was approved as requested.

Zach Beasley

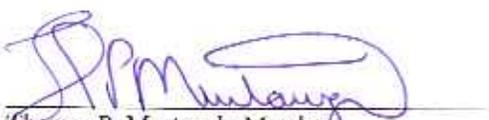
The Surveyor noted he had been receiving complaints from landowners located in existing sections/phases of subdivisions regarding contractors not following the current Drainage Ordinance rules on individual residential lots during the construction of additional phases/sections. He provided the Board with pictures of several residential lots currently being developed / constructed with no stormwater measures being utilized. He noted someone was dumping paint down the storm sewer/curb inlets in one picture. In another photo a concrete pumping truck was being washed in the middle of a cul-de-sac and the dirt/cement off the truck was shown running into the curb inlet. Additional photos of residential lots within subdivisions showed mud in streets, no stormwater measures taken on lots where homes were being constructed, silt fences installed wrong or not at all etc. He stated his office has repeatedly met with contractors/home builders to review the requirements of the ordinance. He continues to get the complaints as many contractors are not following the stormwater measures. He requested the Board direct the Attorney to draft a letter signed by the Board members to all contractors/utilities regarding sediment control rules and the possibility of fines associated with not following rules outlined in the current Stormwater Quality and Quantity Drainage. John Knochel made a motion to direct the Attorney Mr. Luhman to prepare a letter to all contractors/utilities regarding sediment control measures required by Ordinance and the fines which could be implemented by the Drainage Board for failure to follow. Tom Murtaugh seconded the motion. Motion carried. The Attorney would prepare a letter signed by the Board members to all contractors/utilities regarding sediment control measures required by Ordinance and the fines which could be implemented by the Drainage Board. This letter would be sent out by staff in the Surveyor Office.

Public Comment

Commissioner Byers asked for public comment. There was none. John Knochel made a motion to adjourn. The meeting was adjourned.


David S. Byers, President


John Knochel, Vice President


Thomas P. Murtaugh, Member


Brenda Garrison, Secretary

Tippecanoe County Drainage Board

December 10, 2014

Harrison Meadows Regulated Drain #37

Hearing Minutes

Those present were:

Tippecanoe County Drainage Board President David S. Byers, Vice President John Knochel, County Surveyor Zachariah Beasley, Drainage Board Attorney Dave Luhman, Drainage Board Secretary Brenda Garrison and Drainage Board Engineering Consultant Dave Eichelberger from Christopher B. Burke Engineering LLC. Evan Warner, G.I.S. Technician and James Butcher, Project Manager for Surveyor Office were also in attendance. Member Thomas P. Murtaugh was absent. The President David Byers opened the landowner hearing for the Harrison Meadows Regulated Drain #37. He referred to the Surveyor.

The Surveyor read the following report into the record: MAINTENANCE REPORT HARRISON MEADOWS #37 REGULATED DRAIN by the Tippecanoe County Surveyor dated October 28, 2014:

The Harrison Meadows Drain was originally established by the Tippecanoe County Drainage Board on March 14, 1979. The drain and its watershed are located in Section 22 of Township 24 North and Range 4 West in the political Township of Tippecanoe, Tippecanoe County, Indiana. The fund is currently \$12,838.69 in the red due to maintenance performed on a portion of the concrete swale. At the current rate of \$15.63 per lot, it will take 22 years to pay the debt. There are approximately 733 lineal feet of concrete swale, 2375 lineal feet of grassed swale, and 375 lineal feet of pipe which is all to be maintained by this maintenance fund. The watershed contains 38 single family residential lots and 13.2 acres. Drainage Easements dedicated by the final plat of Harrison Meadows Subdivision will be utilized for the statutory county regulated drain right of way. It is the judgment of the Tippecanoe County Surveyor that a sum of \$22,636.48 is needed to pay off the existing charges and to maintain and improve the existing system. An assessment rate of \$75.00 per lot over an 8 year period is recommended. This will generate \$23,400.00 over an 8 year period. It is the opinion of the Tippecanoe County Surveyor this rate increase will allow repayment of the fund and ensure that monies will be generated for future maintenance on this system. Respectfully submitted by Zachariah Beasley, P.S., M.S. Tippecanoe County Surveyor He referred back to the Board. The President David Byers stated the following: The Board received a letter of objection written by Bruce Tyrie of 6127 Warrior Drive West Lafayette Indiana. The attorney noted for the record the Board member had received and read the remonstrance letter filed with the Surveyor Office. The letter would be made a part of the hearing. John Knochel made a motion to enter this remonstrance letter into the official record of the Harrison Meadows #37 Maintenance Increase Hearing. David Byers seconded the motion. President David Byers asked for public comment.

Pat Goodman 6108 Battleview West Lafayette Indiana approached the Board for comment. She stated the following:

"I have a few questions- I understand the fund is in the hole and it has to come from somewhere. I would like to know if the Drainage Board would send people out to do anything to the properties in that area, like dig the swale a little deeper if it is silted in. In other words what are we going to see as a result of this increase?"

The Surveyor stated he was aware that Pat Goodman had called his office and spoke with James Butcher his assistant/project manager who was also in attendance today. He discussed the history of the drain and stated he had a list of maintenance which had been completed to date since 1979 with him today. He noted in 2011 one invoice totaled over \$10,000 spent regarding work completed on the concrete swale located in the northeast portion of the subdivision along with maintenance work on the concrete overflow structure on the detention basin in the rear yards of houses located in said northeast corner of the subdivision. A tree grew up in that location and damaged the overflow structure and pipe causing obstruction of the flow of water through that area. Additional work was completed on the pipe outfall at that location as well. He reviewed the site using the GIS site for the landowner and the Board. He explained to the attendees the original petition and what was covered at that time. He explained maintenance procedures and noted that it did not include cleaning leaves/debris from the ditch. That was the owner's responsibility to keep there are of the swale clean of debris. He explained the Drainage Code explanation of maintenance. If the drain does not perform as it was intended, such as freezing and thawing of concrete headwall/structures, causing obstructions- pipe busting etc. then maintenance of this sort would be allowed by Drainage Code. He reiterated this did NOT include cleaning debris, leaves or landscape clippings etc. out of the ditch/swale. The storm sewer pipe in this case is concrete and when it starts breaking up outside of road right of way then the office would perform maintenance on the pipe. He stated the proposed 8 year total collected for maintenance was approximately \$22,000 and that amount would not go far when buying 24" rcp pipe in today's economy. He stated, while \$22,000 may seem like a lot of money; when purchasing pipe, fixing storm sewers including installation the amount does not go far. He reviewed additional historical claims for the drain. He reiterated his office would not be out in the area removing debris, clippings trash etc. from the ditch as it was not part of the maintenance as established. After discussion he noted he would provide Pat Goodman with a copy of the Infrastructure which was covered under the maintenance. It was also noted there was no homeowner's Association for this subdivision. She thanked the Surveyor for the information.

Steve Egly Battleground Town Council member approached the board to inquire about an assessment notice and did not know what exactly this notice was for. He would like to clarify the intent of the notice. He stated Battleground owned the property where the water tower was located and the Battleground Conservancy utilized it. The Surveyor confirmed the

assessment notice received by the Town Board regarded road right of way assessment not the tract that the tower was located on. Me. Egly confirmed the Town of Battleground maintained the road right of way. The President Dave Byers interjected Tippecanoe County in addition to the Railroad Company pays an assessment on their right of way as well. Mr. Egly thanked the Board for their information. The Surveyor referred to the President at that time. The President referred to the Attorney.

Board Attorney David Luhman read the following Findings and Order of the Board into the record as follows:
BEFORE THE TIPPECANOE COUNTY DRAINAGE BOARD IN THE MATTER OF THE HARRISON MEADOWS #37 REGULATED DRAIN: FINDINGS AND ORDER (ANNUAL MAINTENANCE) RE-ESTABLISHING A NEW MAINTENANCE RATE: This matter came to be heard upon the maintenance report and schedule of assessments prepared by the Tippecanoe County Surveyor and filed on October 28, 2014. The Certificate of Mailing of notice of time and place of hearing, to all affected landowners was filed. Notice of publication of time and place of hearing in the Journal and Courier, Lafayette Indiana was filed. One (1) remonstrance was filed. The Surveyor's Office received a letter Dec. 1, 2014 from landowner Bruce Michael Tyrie 6127 Warrior Drive West Lafayette Indiana 47906 (Harrison Meadows Subdivision Lot 22), which will be made a part of the official proceedings. Evidence was presented by the Tippecanoe County Surveyor and landowners affected were present. A list of those present is filed herewith. After consideration of all the evidence, the Board does now FIND THAT:

- (1) The maintenance report of the Tippecanoe County Surveyor and schedule of assessments were filed in the office of the Surveyor on October 28, 2014.
- (2) Notice of filing of the maintenance report and the schedule of assessments and their availability for inspection and the time and place of this hearing was mailed to all those landowners affected more than thirty (30) and less than forty (40) days before the date of this hearing.
- (3) Notice of the time and place of this hearing was given by publication in the Journal & Courier newspaper of general circulation in Tippecanoe County, Indiana more than ten (10) days prior to this hearing.
- (4) The legal drain consists of 733 lineal feet of concrete swale and 2375 lineal feet of grassed swale and 375 lineal feet of pipe.
- (5) The present condition of the ditch is fair due to previous maintenance.
- (6) The ditch needs the following maintenance at present:
Re-occurring problematic issues with the headwall i.e.: erosion
- (7) There is now \$12,838.69 owed to the General Drain Fund for past maintenance on this ditch.
- (8) The ditch drains 38 single family residential lots / 13.2 acres.
- (9) Estimated annual cost of maintenance is \$2829.56.
- (10) Estimated annual benefits to the land drained exceed repair and maintenance costs.
- (11) A fund for annual maintenance should be re-established.
- (12) In order to provide the necessary maintenance fund, the annual assessment per lot benefited should be re-established: \$75.00 to be collected over an 8 year assessment period.
- (13) The assessment list filed herewith should not be amended.
- (14) The assessment list filed herewith is fair and equitable and should be adopted.
- (15) The assessment should be collected starting with the May 2015 taxes.

NOW, THEREFORE, IT IS ORDERED THAT:

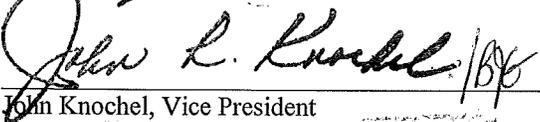
- (1) A maintenance fund be re-established for the Harrison Meadows #37 Regulated Drain at the annual rate of \$75.00 per lot benefited and to be collected for an eight (8) year assessment period.
- (2) The Schedule of Assessments filed herewith are adopted and made a part thereof.
- (3) The first annual assessment shall be collected with the **May 2015** taxes.

Dated at Lafayette, Indiana this 10th day of December 2014. Signature lines for the Drainage Board attest by the Secretary

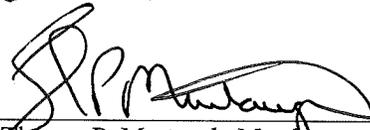
John Knochel made a motion to approve the Findings and Order of the Harrison Meadows #37 Regulated Drain. David Byers seconded the motion. Motion carried. The Hearing was adjourned.



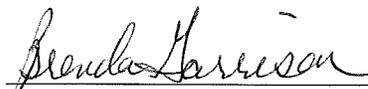
David S. Byers, President



John Knochel, Vice President



Thomas P. Murtaugh, Member



Brenda Garrison, Secretary

Tippecanoe County Drainage Board
February 1, 2017
Regular Meeting Minutes

Those present were:

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

Approval of Minutes

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

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

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

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

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

Drainage Board 2017 Professional Engineering Assistance Contract

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

Lafayette YMCA

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

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

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

Belle Tire (Lot 4A 26 Crossing Subdivision)

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

USGS Geological Stream Gages WREC Contract Support

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

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

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

2017 Classification Report/2017 Drain Assessment Activity Report

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

Zach Beasley/Other Business

Appointment of Drainage Board member to Tri-County Board

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

Outstanding Reconstruction Assessments

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

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

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

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

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

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

Classification of Drains

Per IC 36-9-27-34

February 2017

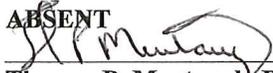
- 1.) Drains in need of Reconstruction
 - a. Elliott, S.W. (#100)
 - b. J.B. Anderson (#02) (Clarks Hill Portion)
 - c. Edwards (Not Maintained)
 - d. McBeth (Not Maintained)
 - e. F.E. Morin (#57)
 - f. Marion Dunkin (#25)
 - g. Huffman-Weimert (Not Maintained)
- 2.) Hearing and Rates Established in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

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

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

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

ABSENT



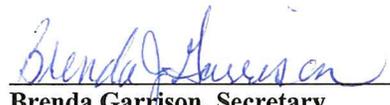
Thomas P. Murtaugh, President



David S. Byers, Vice President



Tracy Brown, Member



Brenda Garrison, Secretary