

The regular meeting of the Tippecanoe County Drainage Board was held on December 4, 1974 at 9:00 a.m., o'clock with the following members present, Mr. Bruce Osborn, Robert F. Fields, Edward Shaw, A. D. Ruth, Jr., Fred Hoffman and Gladys Ridder.

Minutes
Approved

The minutes of the November 6, 1974 meeting were read and upon motion of Bruce Osborn, seconded by Robert Fields and made unanimous by Edward Shaw they were approved as read.

Final Approval
of Expenses of
Train A. Coe
Reconstruction

The Engineer presented the final expenses on the Train A. Coe showing the over-runs and under-runs. The Board unanimously approved the final quantities as shown below:

ITEM NO. 1	Installation of 8" plastic tile:	
	Proposed Quantity	2800 Lineal feet
	Actual Quantity	2736 Lineal feet
	Under run	64 Lineal feet

92

Under-run due to more accurate measurements after water was removed from pond. (Note concrete pipe used due to availability)

ITEM NO. 2	Installation of 18" concrete field tile:	
	Proposed Quantity	2100 Lineal feet
	Actual Quantity	2100 Lineal feet

ITEM NO. 3	Excavation:	
	Proposed Quantity	31,754 Cubic Yards
	Actual Quantity	31,454 Cubic Yards
	Under-run	300 Cubic Yards

Under-run due to deletion of ditch cut along County Road 1300 South. This was done after contour of ground was visable when pond on Marshall Davis land was drained.

ITEM NO. 4	Cleaning and realigning open ditch	
	Proposed Quantity	1 Lump sum
	Actual Quantity	1 Lump sum

ITEM NO. 5	Installing Corrugated Metal Pipe thru spoil:	
	Proposed Quantity	12 each
	Actual Quantity	19 each
	Over-run	7 each

The over-run was due to the need for additional pipes at locations that became obvious when the spoil was leveled.

ITEM NO. 6	Installation of Structure No. 1	
	Proposed Quantity	1 Lump sum
	Actual Quantity	1 Lump sum

ITEM NO. 7	Clearing	
	Proposed Quantity	1 Lump sum
	Actual Quantity	0
	Under-run	1 Lump sum

Clearing work done by E. E. A. help.

ITEM NO. 8	Back Hoe Operation (West Branch)	
	Proposed Quantity	30 Hrs.
	Actual Quantity	119.0 Hours
	Over-run	89.0 Hours

Over-run due to the following additions:

Additional work necessary on Hart farm for the installation of the west crossing. This work not included in original contract and additional work was needed to complete installation (28.0 equivalent hours)

Additional work in Cunningham Woods (3.5 Equivalent hours)
 Additional work on West Branch (32.5 Hours)
 Additional digging on Grimes pond (19.0 Hours)
 Additional work on structure No. 1 due to additional depth (6 Hours)

Total Over-run $28.0 + 3.5 + 32.5 + 19.0 + 6.0 = 89.0$ Hours

ITEM NO. 9	Installation of Field X-ings.	
	Proposed Quantity	10
	Actual Quantity	4
	Under-run	6

Under-run due to land being consolidated as with respect to ownership, and a high estimate of the number of crossings required.

ITEM NO. 10	Fescue Seed	
	Proposed Quantity	600 lbs.
	Actual Quantity	800 lbs.
	Over-run	200 lbs.

Over-run due to engineer ordering contractor to sew additional seed.

ITEM NO. 11	Rye Grass	
	Proposed Quantity	100 lbs.
	Actual Quantity	150 lbs.
	Over-run	50 lbs.

Over-run due to engineer ordering contractor to sew additional seed.

Kenneth J. Biery
 Mr. Kenneth J. Biery appeared before the Board with pictures and showing the grass waterway that had been distroyed by a neighbor. The legal aspects were pointed out by the County Attorney and informing Mr. Biery that his only recourse was to bring suit. The Board told Mr. Biery that if he acquired the needed right-of-way along road 500E from road 38N, they would make the necessary drain along the road.

9:30 a.m.
E. F. Haywood
Maintenance
or
Vacation
hearing

Mr. Ruth opened the hearing on the E. F. Haywood ditch by reading some of the correspondence he'd received from different people in this watershed. Most of them in favor of the maintenance but not at a dollar per acre. Mr. Ruth asked those present how they would feel about making a part of a natural waterway through Joe Ratcliff a part of the legal drain. Most of them felt it would be a good idea but Mr. Ratcliff was opposed to the idea. He said he'd spent fifteen hundred dollars of his own money and if the law made no provisions to reimburse him that amount, he was in favor of leaving things just as they are. Someone pointed out the Mr. Ratcliff that if the waterway was made a part of the legal drain that the next time repairs were needed all would help him share the expense, but Mr. Ratcliff held his position.

Those in attendance at this hearing were: Joe Ratcliff, Howard Daugherty, Richard Anderson, John Kerkhoff, Robert Haywood, Joseph Rund, Keltie and Robert Kirkpatrick, Jand and R. J. Moore, Jerome Rund, J. Kenneth Biery, Carl Bray and Mr. & Mrs. Robert Leader.

Several of those present expressed their disappointment in the way in which this ditch had been cleaned out the last time and wanted better supervision if it was dredged again. With the difference in the way farming is done today over that of several years ago, namely all of the soil being tilled instead of part of it laying in a soil bank as the government formerly required, not as many small grains being grown, etc. all add to a greater soil erosion and a greater need for drainage.

Mr. Ruth asked the Attorney if the Board had the right to request those on the tile portion of this ditch to fix their tile before a maintenance fund be established and the Attorney said the law did not provide for this but suggested a gentlemen's agreement could be done by the farmers themselves. Those on the tile part agreed to take care of their broken tile.

The request of the Engineer to spray the ditch before May 1st, when crops would again be planted, came from those on the open part of the ditch and Mr. Ruth promised to do so.

Mr. Jerome Rund said he had replaced 300 feet of 15 inch tile from the headwall back and that it was holding fine. Mr. Leader said he like to see more subsurface tile and less water going across the ground.

Regular Meeting of the Tippecanoe County Drainage Board held December 4th, 1974

It was suggested a committee of farmers be formed to work with Mr. Ruth on all repairs and Mr. Ruth said he would welcome their help.

Upon motion of Robert Fields, seconded by Bruce Osborn and made unanimous by Edward Shaw, the Board moved to establish a \$0.50 per acre maintenance fund.

10:30 a.m.
Informal hear-
ing on the
extension of
the John
Saltzman Ditch

The Engineer opened the informal hearing on the Extension of the John Saltzman ditch by explaining to those present the reason for calling this hearing and asking their feelings on the addition because Mr. Rodgers had reported that while carrying a petition to get the extension made a part of the legal that he could not find any signers. Those in attendance were: Ruth W. DeLong, George E. DeLong, James D. Conk, Charles Shultheis, Hughel W. Miller. Those present felt the extension should be made a part of the legal drain and that the Saltzman ditch was much in need of a maintenance fund. Mr. Hughel Miller said those in the watershed had petitioned to Carroll County for a hearing to establish a maintenance fund last spring but as yet had not heard from them. Mr. George DeLong said this ditch was so badly in need of repair that he would appreciate our getting a meeting scheduled. The secretary said she would write to the Carroll County Drainage Board and see if something could be worked out.

Treece
Meadows
Subdivision

The matter of Treece Meadows came before the Board and plans, specifications and other drawings as previously submitted were approved. The Engineer was ordered to proceed as set out by law.

On motion made and carried the meeting adjourned.

Upon the establishment of a maintenance fund on the E. F. Haywood ditch the Board Order & Findings signed the order & Findings and the certificate of assessments.

Robert F. Fields
Robert F. Fields, Chairman

Bruce Osborn
Bruce Osborn, Vice Chairman

Edward Shaw
Edward Shaw, Board Member

Attest: ---
Gladys Ridder
Gladys Ridder, Executive Secretary

REGULAR MEETING OF THE TIPPECANOE COUNTY DRAINAGE BOARD MEETING HELD MAY 3, 1978 (continued)

8. Plaintiffs have, through the Tippecanoe County Drainage engineer, the Surveyor of Tippecanoe County and the Attorney of Tippecanoe County, requested the defendant to remove said obstruction and he has neglected and refused to do so.

9. If said obstruction is to be continued indefinitely, said obstruction will not only obstruct the free flow of water and cause irreparable damage, but will destroy the channel of the water by causing deposits of sand, soil and other material.

10. Plaintiff has no adequate remedy at law.

WHEREFORE, plaintiffs pray that defendant, by the mandate of this Court, be required to remove all obstructions placed in the Ilgenfritz Ditch and any branches thereof and for further permanent injunction from interfering in any way with the free flow of water therein and for all other proper relief.

 J. Frederick Hoffman
 700 Life Building
 Lafayette, Indiana 47901
 Tel. (317) 423-5404
 Attorney for Plaintiffs

Bruce Osborn made a motion to adjourn, seconded by William Vanderveen.

William G. Vanderveen

 William G. Vanderveen, Chairman

Bruce Osborn

 Bruce Osborn, Vice Chairman

/absent/

 Robert F. Fields, Board Member

ATTEST: *Ethel Kersey*

 Ethel Kersey, Exec. Secretary

The regular meeting of the Tippecanoe County Drainage Board met in the Community Meeting Room in the County Office Building at 9:30 a.m. with the following members present: William G. Vanderveen, Bruce Osborn, Martin L. Galema, Dan Ruth Jr., Michael J. Spencer, Kenneth Miller, Grady Jones, J. Frederick Hoffman and Ethel Kersey.

Minutes
Approved

Upon motion of William G. Vanderveen, seconded by Bruce Osborn and made unanimous by Martin L. Galema the minutes of the October 4, 1978 meeting were approved as read.

The Chairman opened the vacation hearing of Sub-Branches 3 and 4 of Branch 2 of the Cuppy-McClure Ditch by reading the following remonstrance:

October 16, 1978

Vacate
Sub-branches
3 & 4 of
Branch 2
Cuppy-
McClure
Ditch

Tippecanoe County Drainage Board
County Office Building
20 North 3rd Street
Lafayette, In 47902

Re: Vacating of Branches 3 and 4 of Branch No. 2 of the Cuppy/McClure ditch.
Hearing set for 9:30 A. M. November 1, 1978.

Gentlemen:

We are of the opinion that Branches 3 and 4 of Branch No. 2 of the Cuppy/McClure ditch do perform the function for which they were designed and constructed, and that abandoning them at this time would be detrimental to the public welfare.

This letter is to place us on the hearing record as objecting to the proposed vacating at this time.

Very truly yours,

/S/ William H. Kashner
William H. Kashner,
City Engineer

Those attending the meeting were: D.J. Werderitsh, Craig Maddox, J. Robert Walker, J. R. Ross, Glen H. Sullivan, Hiram M. Shumway, Albert Dahre, P. T. Smith, Martha N. Smith, Beryl Fox, Imogene Stovall, Y. C. Wang and Larry O'Connell, Attorney for Petitioners. Mr. Spencer explained to those present that according to the records the Cuppy-McClure ditch was designed and built for the sole purpose of draining sub surface water in an area primarily used for agricultural purposes. Under present conditions the ditch is inadequate to properly drain all lands affected. The cost to reconstructed this ditch would outweigh the benefits to be derived therefrom. Mrs. D. J. Werderitsh asked if someone would show her just where this ditch is on a map. Mike then explained and show all of those present where sub-branches 3 and 4 of branch 2 of the ditch was located on the maps. It was also explained that in vacating a drain that the ditch would remain in it present condition but it would release the 150 feet easement that is required for a legal drain. Mr. Vanderveen asked if there were any objections from those present. There were no objections but Mrs. Werderitsh asked why Mr. Kashner objected. Dan Ruth stated that he had talked to Mr. Kashner and it was a misunderstanding where the branches were located.

Bruce Osborn made a motion that Sub-Branches 3 and 4 of Branch number two (2) of the Cuppy-McClure ditch be vacated as petitioned. Martin L. Galema seconded the motion and made unanimous by William G. Vanderveen. The petition read as follows:

BEFORE THE TIPPECANOE
COUNTY DRAINAGE BOARD

IN THE MATTER OF THE VACATION)
OF A PORTION OF THE)
CUPPY-McCLURE DITCH.)
(J.L. McCLURE DRAIN, PER)
FRANK O. CUPPY, etal, PETITION)
SUPERIOR COURT CASE 9017)

PETITION TO VACATE DRAIN

The Petitioners, The Joseph R. Ross, Mayme L. Ross and John E. Smith, as President of John E. Smith & Company, Inc.; respectfully petition the Tippecanoe County Drainage Board and show the Board as follows:

1. The Petitioners request the Board to vacate that portion of the Cuppy-McClure Ditch described as follows:

Sub-branches number three (3) and four (4) of branch number two (2), lying North and East of Northwestern Avenue. Said branches are located in the Southwest quarter of Section seven (7), Township twenty-three (23), Range four (4), Tippecanoe County State of Indiana.

2. The Petitioners believe themselves to be the owners of at least ten percent of the real estate which would be directly affected by the vacation herein prayed for.

3. The above-described portion of said legal drain no longer performs the function for which it was designed and constructed. The drain was designed to drain water from land used for agricultural purposes. However, the use of a large portion of the property has been converted to intensive residential development and the balance is being held for proposed future residential development which the present drain is not designed or constructed to accommodate.

4. The expense of reconstructing the above-described portion of said legal drain to accommodate the present prospective uses outweighs the benefits to be derived therefrom.
5. The vacation and abandonment of the above-described part of said legal drain will not be detrimental to the public welfare.
6. Annexed hereto as Schedule A is a list of the names and addresses of the owners of the land which the Petitioners believe would be affected by said vacation.
7. The Petitioners request to have the date on which the matter will be referred to the surveyor for report advanced in accordance with I.C. 1971, S19-4-1-10 (g).
8. The attorneys who will represent the Petitioners in these proceedings are Lawrence B. O'Connell and the firm of Schultz, Ewan Burns, 73 Lafayette Bank & Trust Building, Lafayette, Indiana, 47902 (Phone: 317-742-8464).

WHEREFORE, the Petitioners pray that the Board:

- A. Serve notice of intention to vacate the above-described portion of the Cuppy-McClure Ditch on all owners of land affected by said vacation;
- B. Advance the date on which the matter will be referred to the surveyor for report;
- C. Fix a date for and hold a hearing on the proposed vacation; and
- D. Issue and order vacating the above-described portion of the Cuppy-McClure Ditch as a legal drain.

PETITIONERS

/S/ J R Ross
Joe R. Ross

/S/ Mary A. Ross
Mary A. Ross

/S/
John E. Smith
President of John E. Smith & Company, Inc.

SCHULTZ, EWAN AND BURNS
73 Lafayette Bank & Trust Building
Lafayette, Indiana. 47902
Telephone: 317-742-8464

Attorneys for Petitioner

Transnational Motels Midland Nutual Life Ins.	Claremore S-D Lot 2	40-036-033
" " "	Pt SE SW SEC 7-23-4	40-036-034
" " "	Claremore S-D Lot 1	40-036-035
" " "	J.R. Ross S-D Lot 1	40-036-036
" " "	J.R. Ross S-D Lot 2	40-036-037
J. F. & H. F. Feldhusen	J. R. Ross S-D Lot 3	40-036-038
L. R. & D. L. McMullen	J. R. Ross S-D Lot 4	40-036-039
P. C. & D. M. Kenny	J. R. Ross S-D Lot 5	40-036-040
R. R. & N. Crawley	J. R. Ross S-D Lot 6	40-036-041
C. W. & F. E. Regek	J. R. Ross S-D Lot 7	40-036-042
R. E. & J. M. Ewalt	J. R. Ross S-D Lot 8	40-036-043
C. E. Bain	J. R. Ross S-D Lot 9	40-036-044
M. L. & L. P. Wilson	J. R. Ross S-D Lot 10	40-036-045
J. M. Howe	M. L. Clevett S-D Lot 16	40-036-046
D. Byrene	M. L. Clevett S-D Lot 17	40-036-047
N. & F. C. Bolin	Rausch Addt. Lot 5	40-036-054
M. E. Johnson	Rausch Addt Lot 5 Ex 10 X 80 Ft off	
R. C. & I. T. Bolin	E. Side Lot 4 Ex strip off W. Side	40-036-055
" "	Rausch Addt Lot 4	40-036-056
" "	Homestead S-D Lot 2	40-036-057
K. V. Stull	Homestead S-D Lot 3	40-036-058
C. G. & E. J. Ledford	Homestead S-D Lot 4	40-036-059
N. J. Patterson	M. L. Clevette S-D Lot 19	40-036-060
Ching Shung & K. I. Gong	M. L. Clevette S-D Lot 15	40-036-061
D. J. Wederitsh	J. R. Ross S-D Lot 11	40-036-062
" "	J. R. Ross S-D Lot 12	40-036-063
J. R. & M. L. Ross	J. R. Ross S-D Lot 13	40-036-064
" "	J. R. Ross S-D Lot 14	40-036-065
" "	J. R. Ross S-D Lot 15	40-036-066
" "	J. R. Ross S-D Lot 16	40-036-067
E. B. Brown	J. R. Ross S-D Lot 17	40-036-068
Y.C.J.S.T. Wang	J. R. Ross S-D Lot 18	40-036-069
J.R. & M.L. Ross	J. R. Ross S-D Lot 19	40-036-070
" "	J. R. Ross S-D Lot 20	40-036-071
" "	J. R. Ross S-D Lot 21	40-036-072
J. R. & M. L. Ross	J. R. Ross S-D Lot 22	40-036-073
J. E. Smith & Co. In.	Camelback S-D Pt SW SEC 7-23-4	40-036-074
" " "	" " "	40-036-075
" " "	" " "	40-036-076

REGULAR MEETING OF THE TIPPECANOE COUNTY DRAINAGE BOARD HELD NOVEMBER 1, 1978 (CONTINUED)

N.H. & L.A. Short	M. L. Clevette S-d Lot 5	40-036-077
R. E. Road	M. L. Clevette	40-036-078
P. Mattox	M. L. Clevette S-D Lot 7	40-036-079
D. F. & D. D. MacLeod	M. L. Clevette S-D Lot 8	40-036-080
R. E. & J. E. LaMay	M. L. Clevette S-D Lot 9	40-036-081
J. E. Smith	M. L. Clevette S-D Lot 10	40-036-082
R. & B. H. Walkee	M. L. Clevette S-D Lot 11	40-036-083
C. & L. Maddox	M. L. Clevette S-D Lot 12	40-036-084
R. E. & I. E. Christain	M. L. Clevette S-D Lot 14	40-036-085
M. L. Nolan	M. L. Clevette S-D Lot 20	40-036-086
R. W. & C. K. Boyd	M. L. Clevette S-D Lot 21	40-036-087
E. M. Tudor	M. L. Clevette Lot 22	40-036-088
M. M. Jones	M. L. Clevette S-D Lot 23	40-036-089
R. E. & T. J. McVey	M. L. Clevette S-D Lot 24	40-036-090
R. E. & M. A. Sinclair	M. L. Clevette S-D Lot 25	40-036-091
D. S. & M. Schuder	M. L. Clevette Lot 27	40-036-092
J. M. & M. Tatlock S-D Lot 12	M. L. Clevette S-D Lot 12	40-036-094
W.F. & M. K. Hentschel	Homestead S-D Lot 12	40-036-095
" "	Homestead S-D Lot 11	40-036-096
C. R. & C. F. Edwards	Homestead S-D Lot 10	40-036-097
E. M. Irish	Homestead S-D Lot 5 & 6	40-036-098
R. N. & B. W. Fox	Homestead S-D Lot 6 & 7	40-036-099
P. T. & M. N. Smith	Homestead S-D Lot 7	40-036-100
B. A. McDaniel	Homestead S-D Lot 9	40-036-101
J. A. & M. J. Marchand	Rausch Addt. lot 3	40-036-102
I. M. Evans	Rausch Addt Lot 2	40-036-103
N. & F. C. Bolin	Rausch Addt Lot 1	40-036-104

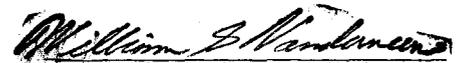
The Board signed the Order and Findings for the vacation of the Cuppy-McClure ditch.

Saltzman Ditch
Mr. Earl Miller and Mr. Glenn Rodgers were not on the agenda but came before the Board to find out what was being done on the reconstruction of the Saltzman Ditch. They were informed that there were other ditches to be reconstructed and as soon as the other ditches ahead of the Saltzman ditch were taken care of, then we would work on their ditch. Would try by the first of next year to set up a meeting with those in the watershed.

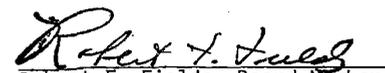
Drain Tile Bid
Flora Tile Company and Construction Products Corporation (Lafayette Pipe) submitted Bids for supplies and materials for the use of the Tippecanoe County Drainage Department for a period beginning November 15, 1978 through December 31, 1978.

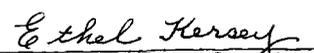
Gosma Ditch
Dan Ruth, County Engineer reported on the meeting he attended with the White County Drainage Board on October 17, 1978, concerning the A. P. Gosma ditch which outlets into Burnett Creek in Tippecanoe County. After Mr. Ruth explained about the Parkinson Group Project the Tippecanoe County Drainage Board all agreed that they had no objection to the project. If it can not be done as a group project the Board would be happy to serve with White County on a Joint Drainage Board. Letter to be mailed to White County Drainage Board.

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


William G. Vanderveen, Chairman


Bruce Osborn, Vice Chairman


Robert F. Fields, Board-Member

ATTEST:

Ethel Kersey, Exec. Secretary

A special meeting of the Tippecanoe County Drainage Board for the Reconstruction of the Michael Binder ditch met in the Community Meeting Room in the County Office Building at 10:00a.m. with the following members present: William G. Vanderveen, Bruce Osborn, Martin L. Galema-special member, Dan Ruth, Frederick Hoffman, Michael Spencer-, Grady Jones and Ethel Kersey

Michael
Binder

Ditch
Reconstruct-
ion

The Chairman, William Vanderveen read the three (3) remonstrances that wer filed. All three were objecting to the assessed acres not the project of the reconstruction of the Michael Binder Ditch. The Surveyor, Michael J. Spencer had corrected the acres to be assessed and the Chairman asked Eleanor B. Frost, Paul Ade and Raymond C. Bender if they were satisfied with their land assessments as corrected. All replied that they were satisfied with the changes.

The County Engineer, Dan Ruth explained to those present that we had taken a Notice to Constructors and Bidders to the Journal and Courier so we could get an ad in the paper on Friday. The reason for this was that it is so late in the fall and we didn't wantto waste any time, incase you property owners said go ahead and built the ditch. He also stated that the Drainage Board will buy the pipe in order to save money. Althought the

REGULAR MEETING OF THE TIPPECANOE COUNTY DRAINAGE BOARD HELD JANUARY 10, 1979 (continued)

Robert F. Fields made a motion to have a Joint Drainage Board meeting with Carroll County. Martin L. Galema seconded the motion and made unanimous by William Vanderveen.

It was suggested that the Joint Drainage Board meetings for the John Saltzman Ditch and the Buck Creek Open Drain be on the same day, because several of the property owners were in both watersheds.

Those in attendance were: Mrs. Hester Klinker, Terry P. Lewis, Charles E. Coins, James D. Conk, Charles Shultheis, Hughel Miller, Earl Miller, Glenn Rodgers, Leon Weik, Estherine Wilcox for Lowell Shepard, Carol (Felix) Walters, Melvin Miller, Jack Buck.

Mr. John Fouts, George Schulte, Roger L. Doll and Bruce Parker come before the Board with the plans for surplus water for the Deardorf Estates. John Fouts and George Schulte explained to the Board their plans and why they decided to take care of the drainage this way in place of an open drain.

John Fouts Deardorf Estates

The attorney, Frederick Hoffman stated that the plan was not a legal drain according to the Indiana Drainage Code. The code reads that a "legal drain" means an open ditch or a tiled ditch or a combination of the two. This plan would not come under the jurisdiction of the Drainage Board but under a private organization such as a bank trust.

The Board denied payment for Ralph H. Crowder's claim for repairs to Ann Montgomery ditch because the work was not authorized to be done by the Drainage Board or the Surveyor.

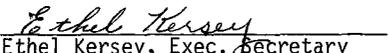
Crowder's Claim

Upon motion made and carried the Board adjourned.


William G. Vanderveen, Chairman

/absent/
Bruce V. Osborn, Vice Chairman


Robert F. Fields, Board Member

ATTEST:

Ethel Kersey, Exec. Secretary

The regular meeting of the Tippecanoe County Drainage Board met in the Community Meeting Room in the County Office Building at 9:30 a.m. on Wednesday, June 6, 1979 with the following members present: William G. Vanderveen, Bruce V. Osborn, Robert F. Fields, J. Frederick Hoffman, Michael J. Spencer and Gladys Ridder.

Minutes
Approved

Upon a motion of Robert F. Fields, seconded by William G. Vanderveen, the minutes of the May 2nd, 1979 meeting were approved as read.

Potter
Hollow
South
Part 9

At approximately 9:30 a.m. Paul Coutts and Bruce Gunstra appeared before the Board to discuss the drainage in the Potter Hollow South Subdivision Part 9. Robert F. Fields asked Mr. Coutts if there was a possibility of making a restriction on the deed for Lot 6 in this part of the subdivision. Mr. Coutts assured him that it could and would be done. The restriction was to state that the earthen detention structure could not be altered or impaired in any way.

William G. Vanderveen asked Mr. Coutts if he would put his Engineer's stamp on this plat and he said, "Yes".

With no particular problems in the proposed drainage area, the Board moved to approve the plans.

Saltzman
Ditch

Earl Miller and Glen Rodgers appeared before the Board to inquire of the progress being made on the Saltzman ditch. Michael Spencer assured them that the office of Surveyor was getting close to letting bids and holding a reconstruction hearing on the ditch.

Wakerobin
Subdivision

Mr. Herb Schwetman, Bob Pierret and Don Twiddy appeared before the Board on behalf of the Wakerobin Subdivision and asked for a new time to meet again with the Board for they were not ready for this meeting. The Board suggested they try to make a Commissioner's meeting if they were pressing for time for to call a special meeting of the Drainage Board would cost them one hundred and five dollars.

Claim of
Fairfield
Bldrs.

Michael J. Spencer presented a claim from the Fairfield Builders asking for thirty six percent of their bid on the Binder ditch now under reconstruction. Mr. Fields asked if thirty six percent had been completed and Michael Spencer said much more than that was completed. The Board so moved to pay the claim.

Valley
Forge
SD Phase I
Sec I

Those present for the Valley Forge Estates Subdivision Phase I Sec I hearing were: Richard Boehning, John E. Smith, James Hilligoss and John E. Fisher. Richard Boehning opened the hearing by explaining that when they had filed with the APC for the preliminary approval of this subdivision, both the Commissioners and APC were not willing to approve the drainage. Since that time Mr. John E. Smith has spent twenty two thousand dollars trying to devise a plan that was acceptable. Mr. Smith said he was willing to place one thousand dollars per lot in Phase I Sec I or eighteen thousand dollars for to show good faith in finishing the project. That eighteen thousand would be placed in escrow and then applied to the permanent system.

John E. Fisher explained that there were three detention ponds to handle the run-off water and tile along side the J. N. Kirkpatrick ditch for subsurface water. He said the tile along the Kirkpatrick ditch should relieve the overburdened Kirkpatrick of water, too.

Mr. Frederick Hoffman reminded Mr. Smith that the tile in the watershed of the J. N. Kirkpatrick drain should be petitioned to make it a legal drain, also.

It was noted that this subdivision has city sanitary and water services.

The Board requested of Mr. Boehning that he draw up the agreement showing the eighteen thousand to be held in escrow and that they would ask for no more than forty lots before completing the full drainage trunk system. Mr. Smith said that any more than forty lots would exceed the limitations for this interim storage facility and that if by the time he came back to the Board for approval of more lots it was more economically feasible to build the whole trunk line that's what he would do.

Bruce Osborn asked that the record show John E. Smith assured the Board he would not place more than forty lots on this interim storage facility and that he would put eighteen thousand dollars in escrow. Mr. Osborn asked John E. Fisher if he would put his stamp on this project and John said, "Yes." Robert F. Fields moved to approve the eighteen lots with eighteen thousand placed in escrow within ten days and a written request approved by the County Attorney.

The Board discussed with John E. Smith a deed from him to the Board of Commissioners for the detention pond in Rolling Hills Subdivision and told Mr. Smith they had deeded it back to him. They did not want it! They also informed Mr. Smith that the Health Department wanted it cleaned up. The Board suggested to Mr. Smith he petition to have the drain made into a Legal Drain and place a maintenance fund for it's upkeep.

Rolling Hills Detention Pond

Dale Koons, John E. Fisher and Richard Boehning appeared on the problems with the Layden Legal Drain in the area of the Creasy Lane Industrial-Commercial Park. Mr. Koons said that at their last meeting with the County Drainage Board they were told to locate the tile in the field which they have done and it does not lay in the position as the old records show. It does not go into a NW direction as they thought but instead it makes a swing to the west and follows their N property line where the Kepner Storm Drain intercepts.

Creasy Lane Industrial Park

Michael Spencer said when they went to the site last Friday they found the clay tile broken down and it had been replaced with concrete tile. The Kepner Storm Drain is a 48" CMP at this point.

Jim Murtaugh said the reconstruction of the old clay tile was done by the CCC and said he would bring the plans that he had at home for the Surveyor's office to make copies.

Mr. Koons noted that when the Hamman ditch was built they had relocated the old Layden ditch with no authority to do so.

After much discussion it was decided that the best way to dispose of the problem was to have John E. Fisher prepare a drawing and note to mail to those people involved and explain the need to vacate this portion of the old Layden drain. Mrs. Ridder said she would have the notices in Friday's mail giving enough time to appear before the Board in the July 11, 1979 meeting.

Mr. Koons said this Creasy Lane Park area was served by the City Storm Sewer and he had a letter from the city accepting their water. However, he said a pond was needed for additional storage. The pond contains 1.3 acres.

Before they present a final plat for approval they will incorporate covenants that require each purchaser to incorporate into his design 3000 cubic feet per acre of storage to provide 1.5 A of freeboard for the project between elevation 54 7 55. The grading plan will then be reviewed by the Board.

The pond in question is to be fenced and policed by Mr. Koons. When Mr. Vanderveen said his only objection was another retention pond, John E. Fisher said the only answer he had at the moment was to take a 20 ft blade and blow the water back into the atmosphere.

The Board asked the Secretary if she would write a letter to the Caterpillar Company requesting their presence at the July 11, 1979 hearing.

Caterpillar Company

William G. Vanderveen moved to adjourn.

William G. Vanderveen

William G. Vanderveen, Chairman

Bruce V. Osborn

Bruce V. Osborn, Vice Chairman

Robert F. Fields

Robert F. Fields, Board Member

ATTEST:

Gladys Ridder, Acting Secretary

May 16, 1979

Mr. Clark Druesedow
General Telephone Company
P. O. Box 1201
Ft. Wayne, Indiana 46801

Letter to General Telephone Company

Sir:

This is to confirm our conversation concerning the drainage of the land adjacent to Navco Drive. My statement to you was that if the land General Telephone Company was considering could drain into the storm sewer in this street, it would be satisfactory, and there would be no problem having the drainage outlet from the property approved.

However, this does not mean that the water on the proposed land will not have to be metered so that it does not leave at any greater rate than it does presently.

Very truly yours,

/s/ A. D. Ruth, Jr.

A. D. Ruth, Jr.
Tippecanoe County Highway
Engineer

ADR/mlw

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

Bids
on
Saltzman
Ditch

Those members present: William G. Vanderveen, Bruce V. Osborn, Robert F. Fields, Mike Spencer, and Marsha Tull, Secretary.

Mr. Vanderveen read the Bids as follows:

W. & W. Contracting	\$24,383.75
Fairfield Contracting	33,877.00
John E. Benson	24,864.00
Willard Merkle	17,443.32

The County Surveyor's Estimate was \$11,459.52.

After some discussion it was decided that there was too much of a difference between the Contractor's Bids and the Surveyor's estimate.

William Vanderveen made the motion to adjourn.

Bruce Osborn 2nd the motion.

Robert Fields made the motion unanimous.

Motion made and carried, meeting adjourned.

ATTEST:

Marsha Tull
Marsha Tull, Exec. Secretary

William G. Vanderveen
William G. Vanderveen, President

Bruce V. Osborn
Bruce V. Osborn, Vice President

Robert F. Fields
Robert F. Fields, Board Member

The Tippecanoe County Drainage Board met in the Community Meeting Room on October 1, 1980 at 9:30 a.m. with the following members present: William G. Vanderveen, Bruce V. Osborn, Fred Hoffman-Attorney, George Schulte-Drainage Engineer, Mike Spencer-County Surveyor, and Marsha Tull-Secretary.

Martin P. Gray Drain

William Vanderveen opened the meeting on the Martin P. Gray Drain, to set up a maintenance fund. Don Maxwell, Montgomery County Commissioners, represented Montgomery County on the Joint Board. There was one letter of remonstrance as follows.

Martin P. Gray Drain
September 22, 1980

Tippecanoe County Drainage Board
City-County Building
Lafayette, IN 47901

Re: Martin P. Gray Ditch

Gentlemen:

Your description is very rough-shod, however, the section, TWP, range, along with the acreage is correct, providing you note said property is an enity of Montgomery County, Indiana.

As to the acres benefited, it is very apparent that person or persons of whom so advised of this wrong data, was of drive-by, and/or qqick walk through.

A IVT grad of Surveying surely in class 101 redeemed knowledge that water must have duct work to avoid evaporation, and/or percolation, if not to an outlet as this matter of issue. If one would visit a pawnshop and secure a basic transit-then time invested to qualify your so called "acres benefited", I am sure you would re-evaluate enclosed documents.

Through mapped topos, document #1, is that of 52 acres in excess, and so document #2 is that of 24 acres in excess.

I as one, did sign for repair and maintenance of the Martin P. Gray ditch, however, I shall object to your excess data of benefits, and so request said being read into your business minutes of October 1, 1980.

Respectfully yours,

Charles A. Haughs
Enclosures (2)

It was stated that there is 1,503.88 acres in the watershed area. It was proposed at \$1.00 an acre.

Eugene Johnson and Leo Johnson told the board they were in favor of setting up a maintenance fund.

MOTION: Bruce Osborn made the motion that a maintenance fund be set up on the Martin P. Gray Drain at \$1.00 per acre.

Don Maxwell: 2nd the motion.

William Vanderveen: Unanimous.

Lafayette Union Industrial Park

Jim Shook was before the Board concerning vacating the remaining portion of the Michael Layden Ditch.

Lafayette Union Industrial Park
Mike Spencer mentioned that a notice would have to be published in the Journal & Courier stating that the remaining portion of the Michael Layden Ditch would be vacated.

Jim Shook submitted a letter to the Drainage Board as follows.

September 30, 1980

Tippecanoe County Drainage Board
County Office Building
Lafayette, IN 47901

Re: Michael Layden Drain

Gentlemen:

The undersigned hereby petition you to vacate that segment of the Michael Layden Drain that commences at the centerline of McCarty Lane and courses southerly to that point where it presently connects to a 48 inch concrete pipe west 698 feet, more or less, and north 508 feet, more or less, from the Southeast Corner of the Northwest Quarter of Section 35, Township 23 North, Range 4 West, in Fairfield Township, for the following reasons:

1. Those portions of the Michael Layden Drain lying north, upstream, and south, downstream, of the above described segment have already been vacated; and
2. This segment of the Drain has been closed off for some years and has ceased to perform any drainage function for land "upstream" from it; and
3. Other provision has been made for the drainage of the land through which this remaining segment of the Drain passes.

Very truly yours,

James C. Shook

Saltzman Ditch Bids

William Vanderveen read the contractor's bids.

Saltzman Ditch Bids	Merkel Excavating	13,900.82
	Emmons Excavating	12,605.47
	Jack Isom	19,499.99
	Engineer Estimate	11,459.52

Taken under advisement for the study of the bids by the County Surveyor and the Drainage Engineer.

Carriage House Apartments

Don Gwinnup was before the Drainage Board for submission and a request for consideration on a drainage outfall. It is located on Haggerty Lane, east of Creasy Lane.

Mr. Gwinnup went over the Drainage Plans with the Board. There was some discussion on the proposed project.

They are proposing a subdivision of 12 lots, with approximately 9.2 acres of development.

It was mentioned that the area would be for multiple family, townhouse and apartments.

Don Gwinnup discussed wanting to drain into the old original agricultural drain. He suggest following the ordinance and the County procedures. "We detain for a hundred year design. We would like to make a connection to that agricultural drain, as if we were an agricultural user. In other words, fix a capacity for a detention area drawn down as if this area will be tiled according to SCS regulations for a drawn down of 3/8 inch of water per day".

Carriage House Apartments "We would like to discharge from detention area to a drywell. Use the drywell to its capacity. Then connect fr-om the drywell to the tile with a 6" pipe that will give us a 1/2 of CFS discharge.

There was some discussion about mosquito control around the proposed detention pond.

Don Gwinnup stated that the project would be staffed by maintenance personnel.

Bruce Osborn suggested that a public hearing be held for the pr-operty owners, on Branch #13 of the Elliott Ditch that would be involved.

Bill Vanderveen asked what happens to the existing water in that 100 year rain.

Mike Spencer: "It goes under 38."

Bill Vanderveen stated that there was an existing problem with that area.

Fred Hoffman then mentioned that this would partially solve the problem of the stagnate water south of 38.

Don Gwinnup stated that 20 acres of the present drainage area would be taken out of that system and drain into the proposed system.

Bill Dikin requested to the Board to vacate 50 feet of the statutory easement north of the drainage tile. This would leave a 25 foot easement north of the drainage tile instead of the statutory 75 foot easement.

Fred Hoffman instructed them to petition ot the Board, to vacate 50 feet of the easement.

The Bluffs

Bob Grove went over the proposed plans with the Board. "What we would like to do is to put in a temporary detention area and provide calculations for George Schulte, and we would have to submit a final."

The Bluffs They continued to discuss the proposed project.

MOTION: Bruce Osborn made the motion to give conceptual approval of the Bluffs.

William Vanderveen: 2nd the motion.

Unanimous.

Welborn

Welborn Bob Grove was before the Board to inform them of what they plan to do in the future with Welborn. They plan to propose a subdivision on the three remaining lots that are not built on. The other lots have no storm drainage. Bob Grove wants to know if the Board will require storm drainage on the remaining three lots. He will be back before the Board in the future with a proposed plan.

Sondgerath Subdivision

Mr. Sondgerath came before the Board requesting Drainage approval for the development of 2 lots for-a Minor Subdivision.

Each lot is approximately 1 acre.

Sondgerath Subdivision Under the Unified Subdivision Ordinance, a Minor Subdivision can have a maximum of 4 lots.

William Vanderveen asked what assurances the Board would have that 2 more lots would be all you could have.

Mr. Sondgerath stated that he would then have to go through Major Subdivision, which the Drainage would have to be approved by the Board.

Fred Hoffman suggested that a letter should be written up that applies only to these lots, and should be recorded so that if someone else buys the rest of the land, that they know they won't get the same deal.

MOTION: Bruce Osborn made the motion to appr-ove the plans for Sondgerath Subdivision Minor with Single Family Dwelling only, and that a letter be submitted on Fred Hoffman's suggestion.

William Vanderveen: 2nd the motion.

Unanimous.

MOTION: Bruce Osborn made the motion to adjourn.

William Vanderveen: 2nd the motion.

Unanimous.

Motion made and carried, meeting adjourned.



William G. Vanderveen, President



Bruce V. Osborn, Vice President



Robert F. Fields, Board Member

ATTEST: Marsha Tull
Marsha Tull, Executive Secretary

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

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

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

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

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January 8, 1986 Regular Meeting Continued

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

986
ASSESS-
MENTS

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
OUTH

WOODRIDGE SOUTH

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

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

JAMES
KIRPATRICK
DITCH

JAMES KIRPATRICK DITCH

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

MCLAUGHLIN
DITCH

MCLAUGHLIN, JOHN DITCH

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

ELLIOTT
DITCH

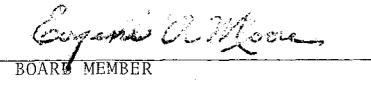
ELLIOTT DITCH

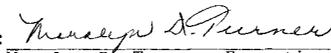
A hearing will be set sometime in 1986 for increasing maintenance fund on the Elliott ditch.

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


CHAIRMAN


BOARD MEMBER


BOARD MEMBER

ATTEST: 
Maralyn D. Turner, Executive Secretary

February 4, 1987

February 4, 1987
Tippecanoe County Drainage Board

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

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

BRAMPTON APARTMENTSBRAMPTON
APRTMENTS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

TWYCKENHAM

TWYCKENHAM
M

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

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

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

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

ACTIVE DRAINS AND INACTIVE LEGAL DRAINS

ACTIVE
INACTIVE
LEGAL
DRAINS

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

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

ELLIOTT DITCH

ELLIOTT
DITCH

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

VALLEY FORGE BOND

VALLEY
FORGE

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

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

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

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

ELLOITT
DITCH
TASK
FORCE

ELLIOTT DITCH TASK FORCE

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

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

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

Bruce V. Osborn
Bruce V. Osborn, Chairman

Sue W. Scholer
Sue W. Scholer, Board Member

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

TIPPECANOE COUNTY DRAINAGE BOARD
WEDNESDAY, JANUARY 6, 1988

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

January 6, 1988 Drainage Board Meeting Continued

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

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

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

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

Many questions need to be answered before action is taken.

VALLEY FORGE

Valley Forge

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

MEETING TIME CHANGE

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

JOHN HOFFMAN DITCH

JOHN HOFFMAN DITCH

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

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

Mr. Hoffman conducted election of officers.

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

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

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

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

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

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

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

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

Mr. Spencer asked for questions.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Mr. Moore asked the feeling of the property owner.

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

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

January 6, 1988 Drainage Board Meeting Continued

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

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

Malcomb Miller supports Mr. Frey's statement.

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

Michael stated they would be maintaining what there is now.

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

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

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

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

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

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

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

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

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

Michael stated the grade can be checked.

Mr. Barr would agree to keep the water going.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Bruce V. Osborn

Bruce V. Osborn, Chairman

Sue W. Scholer

Sue W. Scholer, Boardmember

Eugene R. Moore

Eugene R. Moore, Boardmember

ATTEST:

Maralyn D. Turner

Maralyn D. Turner
Executive Secretary

TIPPECANOE COUNTY DRAINAGE BOARD
WEDNESDAY, JANUARY 4, 1989

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

HOFFMAN
DITCH

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

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

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

Eugene R. Moore

Eugene R. Moore, Chairman

Bruce V. Osborn

Bruce V. Osborn, Board Member

Sue W. Scholer

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

TIPPECANOE COUNTY DRAINAGE BOARD
REGULAR Meeting January 3, 1990

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

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

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

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

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

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

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

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

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

Ditches that are In Active are: John Amstutz, Dempsey Baker, Nellie Ball, N.W. Box, Alfred Burkhalter, Floyd Coe, Grant, Cole, J. A. Cripe, Fannie Devault, Marion Dunkin, Jess Dickes, Martin V. Erwin, Crist/Fassnacht, Elijah Fugate, Rebecca Grimes, Harrison Meadows George Ilgenfritz, George Inskeep, Lewis Jakes, Jenkins, E. Eugene Johnson, F. S. Kerschmer, Amanda Kirkpatrick, James Kirkpatrick, John A. Kuhns, Calvin Lesley, John McCoy, Mary McKinney, Absalm Miller, Lane Parker, James Parlon, Calvin Peters, Franklin Resor, Peter Rettereth, Arthur 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, Aurthur	\$1,064.80	Inactive	Inactive
68 Ross, Alexander	\$1,791.68	Inactive	Inactive
69 Sheperdson, James	\$1,536.72	Inactive	Inactive
70 Saltzman, John	\$5,740.96	Inactive	Inactive
71 Skinner, Ray	\$2,713.60	Active	Active
72 Smith, Abe	\$1,277.52	Active	Active
73 Southworth, Mary	\$558.08	Active	Active
74 Sterrett, Joseph C	\$478.32	Inactive	Active
75 Stewart, William	\$765.76	Inactive	Active
76 Swanson, Gustav	\$4,965.28	Active	Active
77 Taylor, Alonzo	\$1,466.96	Inactive	Inactive
78 Taylor, Jacob	\$4,616.08	Inactive	Inactive
79 Toohy, John	\$542.40	Inactive	Inactive
81 VanNatta, John	\$1,338.16	Inactive	Inactive
82 Wallace, Harrison B.	\$5,501.76	Inactive	Inactive
83 Walters, Sussana	\$972.24	Inactive	Inactive
84 Walters, William	\$8,361.52	Active	Active
85 Waples, McDill	\$5,478.08	Inactive	Active
86 Wilder, Lena	\$3,365.60	Inactive	Inactive
87 Wilson, Nixon (Fountain Co)		Inactive	Inactive
88 Wilson, J & J	\$736.96	Inactive	Inactive
89 Yeager, Simeon	\$615.36	Active	Active
90 Yoe, Franklin	\$1,605.44	Inactive	Inactive
91 Dickens, Jesse	\$288.00	Inactive	Inactive
92 Jenkins	\$1,689.24	Inactive	Inactive
93 Dismal Creek	\$25,420.16	Active	Active
94 Shawnee Creek	\$6,639.28	Active	Active
95 Buetler/Gosma	\$19,002.24	Inactive	Active
96 Kirkpatrick One	\$6,832.16	Active	Inactive
97 McLaughlin, John	\$0.00	Inactive	Inactive
98 Hoffman, John	\$72,105.03	Active	Active
99 Brum, Sarah (Benton Co)		Active	Active
100 S.W.Elliott	\$227,772.24	Active	Active

DISCUSSION ON TILE BIDS

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

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

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

JOHN HOFFMAN DRAIN

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

Mike read the proposal into the minutes.

TO WHOM IT MAY CONCERN:

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

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

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

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

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

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

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

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

Discussion followed.

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

HADLEY LAKE DRAIN

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

PINE VIEW FARMS

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

Discussion followed.

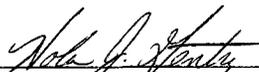
Mike Spencer recommended preliminary approval to the Board.

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

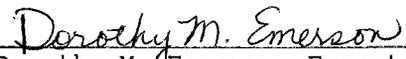
Hubert Yount, seconded. Motion carried.

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


Keith E. McMillin, Chairman


Nola J. Gentry, Member


Hubert D. Yount, Member

ATTEST: 
Dorothy M. Emerson, Executive Secretary

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

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

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

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

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

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

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

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

Hire the Attorney

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

Active and Inactive Ditches for 1993

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

ACTIVE DITCHES

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

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

INACTIVE DITCHES

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

Storm Water Drainage Improvement Plan

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

Mr Peterson discussed the alternative improvements.

Alternative #1 Low flow pipe and high flow channel.

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

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

Mr. Hoffman asked how big the pipe would be?

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

Alternative #2 All pipe improvements.

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

Pipe size ranges from 54 inches to 60 inches.

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

Alternative #3 All channel improvements.

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

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

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

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

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

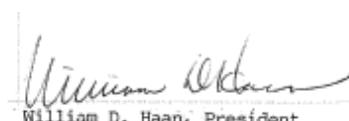
Mr. Hoffman assumed there will be a petition for reconstruction to make those changes in easement.

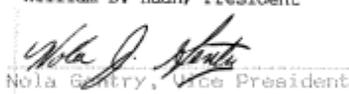
Commissioner Gentry answered there will be a reconstruction hearing.

Discussion followed.

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

Meeting adjourned.


William D. Haan, President


Nola Gentry, Vice President


Hubert Yount, Member

ATTES: 
Shelli Hoffine, Executive Secretary

TIPPECANOE COUNTY DRAINAGE BOARD
REGULAR MEETING
JANUARY 5, 1994

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

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

ELECTION OF 1994 OFFICERS

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

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

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

-APPOINTMENTS-

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

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

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

-MEETING DATES FOR 1994-

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

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

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

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

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

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

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

HAWKS NEST SUBDIVISION, PHASE I

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

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

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

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

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

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

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

TRIPLE J POINTE SUBDIVISION

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

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

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

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

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

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

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

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

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

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

HARRISON & MCCUTCHEON HIGH SCHOOLS IMPROVEMENTS

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

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

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

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

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

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

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

ACTIVE DITCHES FOR 1994

Ditch No.	Ditch Name	Four Year Assessment	Balance Fund 94
2	Anderson, Jesse	\$15793.76	\$11549.19
3	Andrews, E.W.	2566.80	987.71
4	Anson, Delphine	5122.56	1365.36
8	Berlovitz, Juluis	8537.44	7288.07
13	Brown, Andrew	8094.24	4625.60
14	Buck Creek (Carroll Co.)		
15	Burkhalter, Alfred	5482.96	4285.72
20	County Farm	1012.00	(994.25)
26	Darby, Wetherill (Benton Co.)		
27	Ellis, Thomas	1642.40	760.68
29	Fassnacht, Christ	2350.56	965.04
31	Gowen, Issac (White Co.)		
33	Grimes, Rebecca	3363.52	3357.75
37	Harrison Meadows	1532.56	-0-
48	Lesley, Calvin	3787.76	1622.08
53	Mahin, Wesley	3467.68	2864.18
54	Marsh, Samuel (Montgomery Co)		
57	Morin, F.E.	1434.72	-0-
58	Motsinger, Hester	2000.00	1090.53
59	O'Neal, J. Kelly	13848.00	7398.17
60	Oshier, Aduley	1624.88	-0-
64	Rayman, Emmett (White Co.)		
67	Rickerd, Arthur	1064.80	842.58
71	Skinner, Ray	2713.60	(64.53)
72	Smith, Abe	1277.52	1053.33
73	Southworth, Mary	558.08	314.04
74	Sterrett, Joseph C.	478.32	-0-
76	Swanson, Gustav	4965.28	(1473.83)
84	Walters, William	8361.52	6716.94
87	Wilson, Nixon (Fountain Co.)		
89	Yeager, Simeon	615.36	342.15
91	Dickens, Jesse	288.00	-0-
93	Dismal Creek	25420.16	86.15
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 Inskip
Lewis Jakes	E.Eugene Johnson	James Kirkpatrick	John A. Kuhns
John McCoy	Wesley Mahin	Absalm Miller	Lane Parker
Calvin Peters	Peter Rettereth	Alexander Ross	James Sheperdson
John Saltzman	Ray Skinner	Abe Smith	Mary Southworth
William Stewart	Alonzo Taylor	Jacob Taylor	John Toohey
John VanNatta	Harrison B. Wallace	Sussana Walters	William Walters
McDill Waples	Lena Wilder	J & J Wilson	Franklin Yoe
Jenkins	Buetler/Gosma	S.W. Elliott	Hadley Lake Drain

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

OTHER BUSINESS

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

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

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

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

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

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

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

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

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

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

CHICAGO TITLE INSURANCE COMPANY

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

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

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

Kathleen Hudson, President

Doris Myers, Secretary

John Knochel, Vice President

Ruth Shedd, Member

Tippecanoe County Drainage Board
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
March 14, 2012
Regular Meeting Minutes

Those present were:

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

Approval of Minutes

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

Winding Creek Section 6

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

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

Reserve at Raineybrook Phase II

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

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

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

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

Zachariah Beasley /Inspection Results: Hawthorne Ridge Subdivision

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

Zachariah Beasley/Petitions

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

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

Zachariah Beasley/ BONDS

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

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

Regulated Drain Updates

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

John Hengst Regulated Drain #117 Amended Findings and Order

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

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

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

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

the Tippecanoe County Surveyor recommends the per acre assessment be lowered to a maintenance rate of \$12.00 per acre with a \$75.00 minimum.

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

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

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

NOW, THEREFORE, IT IS ORDERED THAT:

(1) The John L. Hengst is a Regulated Drain under the provisions of Indiana Code 36-9-27, et seq.

(2) In order to provide the necessary maintenance fund, a reconstruction assessment of \$26.00 per acre and a \$150.00 minimum over a five year period is recommended. This will generate **\$14,026.18** per year and a total of **\$70,130.90** over a five year period. Assuming the reconstruction and improvements are complete and the General Drain Fund has been repaid after the five year period, the Tippecanoe County Surveyor recommends the per acre assessment be lowered to a maintenance rate of \$12.00 per acre with a \$75.00 minimum.

(3) The **March 13, 2012 Amended Schedule of Assessments** filed herewith is adopted and made a part thereof.

(4) The first annual assessment shall be collected with the **May 2012** taxes.

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

Hearings

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

Public Comment

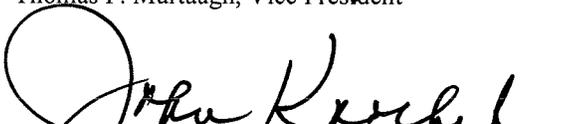
As there was no public comment, Tom Murtaugh made a motion to adjourn. The meeting was adjourned.



David S. Byers, President



Thomas P. Murtaugh, Vice President



John Knochel, Member



Brenda Garrison, Secretary

Tippecanoe County Drainage Board
April 4, 2012
Regular Meeting Minutes

Those present were:

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

Approval of Minutes

John Knochel made a motion to approve the March 14, 2012 Regular Meeting minutes as written. David Byers seconded the motion. John Knochel made a motion to approve the March 14, Special Hearing minutes. David Byers seconded the motion. The March 14, Regular Meeting minutes were approved as written. The March 14, 2012 Special Hearing minutes were approved as written.

Mr. Murtaugh entered the meeting at this time.

Reserve @ Raineybrook Phase II/ Variance

Kyle Betz from Fisher and Associates appeared before the Board and asked for approval of a Variance from the Stormwater Quality TSS removal rate requirement portion of the Stormwater Quality Management Ordinance. He noted the developer Mr. Greg Milakis was in attendance as well. The project itself was located west of the new U.S. 231 South and north of County Road 500 South and consisted of 7.48 acres. The variance was presented last month for approval. At that time the Surveyor did not recommend approval to the Board. Since that meeting, Mr. Betz has worked diligently on a modified plan that addressed the stormwater quality concerns of the Surveyor's Office. He stated this plan met the Surveyor's office requirements. He provided an exhibit for the Board which indicated the stormwater quality areas within the project. He noted 7 basins were indicated that would outlet into the newly constructed drainage system within this phase. Added since the last meeting was a water quality treatment structure (manhole, hydro-dynamic separator) placed near the end of the storm run. The structure would treat all 7 basins. The combination of all 7 basins in the drainage systems (approx. 4 acres) covered most of the homes and impervious surface included in this phase which drained to the pond. The system's outlet drained to the private pond known as "Corley Pond". The water would be treated by the devices prior to entering the aforementioned private pond. There were approx. 5 lots to the east that drained directly to "Corley Pond" however they would be pretreated by yard swales, vegetation, and a buffer area before entering the pond. The north and far west portions of the site (along edge perimeters) would be converted to grass areas. There would be no buildings or impervious areas in these locations. These areas would flow directly to the north and west untreated- as no developed conditions existed within these locations. The primary basin in the southwest portion of the development was covered by an existing storm system therefore the variance was requested. The Surveyor stated final approval with conditions was granted at the last meeting of the Board for this project and today's request was only for a variance for TSS removal requirement. He recommended approval of the Variance as requested. Tom Murtaugh made a motion to grant approval of the Variance for the TSS Removal requirement within the Ordinance. John Knochel seconded the motion. The Variance to the TSS Removal rate for the Reserve at Raineybrook Phase II project was granted.

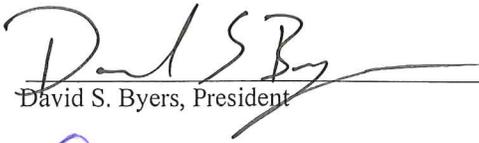
Zach Beasley/ Other Business

The Surveyor stated at this time there were approximately 8 miles of various county regulated drains under maintenance or reconstruction. The John Hengst #117 Regulated Drain consisted of approximately 3000 feet of 18 inch tile under reconstruction and was 95% complete. The Moses Baker #114 Regulated Drain dredging project was approximately 95% complete as well. The John Blickenstaff #11 Regulated Drain dredging project consisted of approximately 2.5 miles. He informed the Board there had not been any maintenance performed on this drain for almost 30 years. The John Saltzman #70 Regulated Drain was a unique project. The Drain project was located on property owned by Brian Buck and outlet into the North fork of the Wildcat Creek. Mr. Buck had contacted the Surveyor's office requesting maintenance on the drain. The Surveyor noted the Wildcat Creek was presently on the impaired bodies list with IDEM. The Surveyor stated he contacted The Nature Conservancy as they actively promote 2 stage ditch projects. The landowner Mr. Buck was in agreement with a 2 stage ditch project on his tract to improve the drainage. Resulting from the Surveyor's contact, The Nature Conservancy has

donated approximately \$20,000.00 for the John Saltzman Drain 2 stage ditch project. Those monies would be deposited into the John Saltzman Drain Maintenance Fund once received. He then explained how a 2 stage ditch functions and reviewed photographs of the project with the Board. Responding to Mr. Knochel's inquiry, the Surveyor noted Michael Rinehart of Rinehart Excavating was awarded the Bid for the 2 stage ditch project. There were no questions from the Board.

Public Comment

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



David S. Byers, President



Thomas P. Murtaugh, Vice President



John Knochel, Member



Brenda Garrison, Secretary

Tippecanoe County Drainage Board

October 3, 2012

Regular Meeting Minutes

Those present were:

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

John Saltzman Regulated Drain #70

Vice President Tom Murtaugh informed the Board John Voss, Supervisor and Loretta Olinger, EHS Director, both of Cargill Inc., was in attendance today. They were attending to present to the Drainage Board a \$25,150.00 contribution toward the overall cost of the recently completed John Saltzman Regulated Drain #70 -2 stage ditch project. Mr. Murtaugh stated the Board greatly appreciated their support and referred to the Surveyor for an overview of the project. The Surveyor began noting in 2011 landowner Brian Buck contacted him regarding severe erosion on the John Saltzman open ditch which was rapidly increasing. (The location was in Section 1 Township 23 North and Range 3 West.) The Surveyor noted he conferred with Kent Wamsley from the Nature Conservancy regarding the 2 stage ditch projects and benefits. He informed the Board the Surveyor's office designed the project and received contributions from The Nature Conservancy (\$25,000), Indiana Small Mouth Alliance Organization (\$1000), Soil-Water Conservation District (\$1000), Wabash River Enhancement Organization (\$2500) and landowner Brian Buck (\$8000) in addition to Cargill Inc. to cover the majority of the project's cost. He stated due to the generous contributions received, the remaining amount to be paid by landowners assessed on the ditch was \$4500.00. Mr. Voss stated this was an opportunity for Cargill to work with County Government regarding environment projects and specifically drainage improvement for the farmers and landowners who benefit from the John Saltzman drain. He stated Cargill strives to be environmentally friendly and believed this project was certainly one which would assist the farmers in an environmentally friendly way. Tom Murtaugh expressed the Board's appreciation and thanked them for their monetary contribution.

Contracts

The President referred to the Attorney regarding contract opening of the Train Coe #18 and Combs #118 Regulated Drain Projects. The Attorney stated one packet was submitted for the Train Coe Drain #18 project by Tony Garriott. The total estimate submitted was \$22,885.00 by Tony Garriott. He recommended the estimate to be taken under advisement and reviewed for compliance with bid specifications. Possibly award the project later in the meeting. John Knochel made a motion to take the submission by Tony Garriott under advisement and review for compliance. Tom Murtaugh seconded the motion. The submission by Tony Garriott was taken under advisement. The Attorney then stated one packet was submitted for the Combs Ditch #118 project by Central Indiana Drainage. Central Indiana Drainage submitted a total estimate of \$28000.00. He recommended the estimate be taken under advisement and reviewed for compliance with bid specifications. Possibly award the project later in the meeting. John Knochel made a motion to take the submission by Central Indiana Drainage under advisement and review for compliance. Tom Murtaugh seconded the motion. The submission from Central Indiana Drainage was taken under advisement. Mr. Murtaugh noted the quotes were being reviewed for compliance and possibly awarded at the end of the meeting today.

Approval of Minutes

John Knochel made a motion to approve the September 5, 2012 regular minutes as written. Tom Murtaugh seconded the motion. The September 5, 2012 regular meeting minutes were approved as written.

Purdue Research Park Phase 3 Part 2 Section 1

Keith Stuerenberg appeared before the Board to present Purdue Research Park Phase 3 Part 2 Section 1 to the Board for conditional approval. The project site consisted of approximately 5 acres located specifically on the west side of Yeager Road within the overall research development's site at the northwest corner of Kalberer Road and CR 100 West (Yeager Road) within the city limits of West Lafayette. The future Challenger Road would act as a basin divide between the north and south and drain both areas located in Section 1. Detention basins would be constructed in both the north and south drainage areas for stormwater quality and quantity control. Mr. Stuerenberg noted they received the September 28, 2012 Burke memo and agreed with the comments. The Surveyor reiterated the project site was within the West Lafayette city limits and as such the Board's review today regarded discharge to the Baker Dempsey, Yeager Drains and Hadley Lake outfall only. As the project had been in front of the Board prior to today, revisions to the plans had been made since, therefore

it was resubmitted. The Surveyor then recommended conditional approval as stated on the September 28, 2012 Burke memo. John Knochel made a motion to grant conditional approval as recommended by the Surveyor. Tom Murtaugh seconded the motion. The Purdue Research Park Phase 3 Part 2 Section 1 was granted conditional approval as requested.

Zach Beasley/Other Business

Bonds/Letter of Credit

The Surveyor presented Maintenance Bond #105827282 in the amount of \$17,498.00 dated Sept. 6, 2012 submitted by Fairfield Contractors for Winding Creek Section 6 for approval by the Board. John Knochel made a motion to grant approval for Maintenance Bond #105827282 in the amount of \$17,498.00 dated Sept. 6, 2012 submitted by Fairfield Contractors for Winding Creek Section 6. Tom Murtaugh seconded the motion. Maintenance Bond #105827282 in the amount of \$17,498.00 dated Sept. 6, 2012 submitted by Fairfield Contractors for Winding Creek Section 6 was approved by the Board.

The Surveyor presented Letter of Credit #S502386 in the amount of \$25,000.00 dated Sept. 21, 2012 submitted by American Fibretech for Industrial Pallet for approval by the Board. John Knochel made a motion to grant approval for Letter of Credit #S502386 in the amount of \$25,000.00 dated Sept. 21, 2012 submitted by American Fibretech for Industrial Pallet. Tom Murtaugh seconded the motion. Letter of Credit #S502386 in the amount of \$25,000.00 dated Sept. 21, 2012 submitted by American Fibretech for Industrial Pallet was approved by the Board.

Petitions

The Surveyor noted he had three Petitions to present to the Board. The first petition was a Petition to Encroach from Wabash Valley Association regarding placement of utility poles within the John Boes Regulated Drain Easement. He stated this was a utility pole placement project along County Farm Road just north of Kalberer Road. He recommended approval of the petition as submitted. John Knochel made a motion to approve the Petition to Encroach on the John Boes Drain as presented by the Surveyor. Tom Murtaugh seconded the motion. The Petition to Encroach on the John Boes Drain Easement submitted by Wabash Valley Association was approved by the Board. The second petition was a Petition to Encroach on the S.W. Elliott Regulated Drain #100 submitted by Ivy Tech Community College regarding a Pedestrian Bridge. He recommended approval by the Board. John Knochel made a motion to approve the Petition to Encroach on the S.W. Elliott Regulated Drain #100 for a Pedestrian Bridge as presented by the Surveyor. Tom Murtaugh seconded the motion. The Petition to Encroach on the S.W. Elliott Regulated Drain #100 submitted by Ivy Tech regarding a Pedestrian Bridge was approved as presented. The third petition was a Petition to Encroach on the S.W. Elliott #100 Regulated Drain submitted by Ivy Tech regarding a parking lot. John Knochel made a motion to approve the Petition to Encroach on the S.W. Elliott Regulated Drain #100 regarding a parking lot as presented by the Surveyor. Tom Murtaugh seconded the motion. The Petition to Encroach on the S.W. Elliott Regulated Drain #100 submitted by Ivy Tech regarding a parking lot was approved by the Board.

Contracts:

The Attorney stated both contract packets were reviewed and appeared to comply with the specifications of each drain project at hand. The first was a Bid of \$22,885.00 received from Tony Garriott for the Train Coe Regulated Drain #18 project. John Knochel made a motion to accept the bid from Tony Garriott for the Train Coe #18 Regulated Drain project. Tom Murtaugh seconded the motion. Tony Garriott was awarded the bid for the Train Coe Regulated Drain #18 2012 project. The second was a bid of \$28,800.00 received from Central Indiana Drainage for the Combs Ditch #118 project. John Knochel made a motion to accept the bid from Central Indiana Drainage in the amount of \$28,000.00 regarding the Combs Ditch #118 Regulated Drain project. Tom Murtaugh seconded the motion. Central Indiana Drainage was awarded the bid for the 2012 Combs Ditch #118 project.

Public Comment

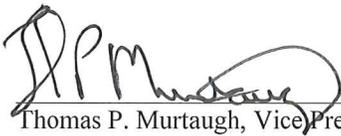
Monica Torrez (Lot 82 the Orchards Subdivision) 1285 Priscilla Drive West Lafayette Indiana 47906 approached the Board. She provided the Board with pictures of the aforementioned lot and surrounding area for their review. Discussion was held regarding the history (see historical minutes) of the drainage issue. She stated this issue had gone on for 7 years and noted additional landscaping had been added by her neighbors (Saks) through the years which have made the situation worse. The Homeowner Covenants were reviewed by the Board. She requested approval by the Board to go forward with the drainage improvement plan prepared by Starr Associates. She noted she had been in touch with the Surveyor office throughout this time and the drainage plan was reviewed by the Surveyor office. She noted the Surveyor Mr. Beasley had been very helpful the last three years. John Knochel stated the issue would be investigated further. If Drainage Code allowed the Board -acting within the drainage easement- to access Deborah and Robert Saks lot -the Board would approve implementation of the drainage plan. He stated they would also assist with a portion of the cost. The Surveyor noted there were three options. The easiest option would be if the neighbors gave permission to enter their lots for work to be completed quickly and efficiently. The second option was Monica and her husband could file a Petition to Obstruct with his office and the Drainage Board. The third would be for her and her husband to file a civil suit against her neighbors and the Homeowners Association of their

Subdivision. There was a fourth option as well which was to file a Petition to Establish a Regulated Drain regarding the Subdivision drainage infrastructure. The Surveyor noted he had sent the Saks an email last evening proposing a solution to the issue. Mrs. Saks replied with an email in which she stated they would review the plan and get back in touch with him. He suggested waiting until Mrs. Saks replied back, and then go forward from there. The Attorney explained steps of submitting an obstruction petition to the Board and the cost thereof. Monica stated they have tried very hard to work with the neighbor for a joint resolution however it has been to no avail. She would appreciate greatly any assistance from the Board they could give her. The Surveyor stated he would be in touch with her as soon as he receives a reply from Mrs. Saks. Monica Torrez thanked the Board for their time on the matter.

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



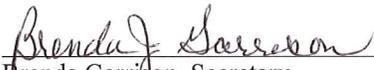
David S. Byers, President



Thomas P. Murtaugh, Vice President



John Knochel, Member



Brenda Garrison, Secretary

Tippecanoe County Drainage Board
February 1, 2017
Regular Meeting Minutes

Those present were:

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

Approval of Minutes

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

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

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

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

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

Drainage Board 2017 Professional Engineering Assistance Contract

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

Lafayette YMCA

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

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

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

Belle Tire (Lot 4A 26 Crossing Subdivision)

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

USGS Geological Stream Gages WREC Contract Support

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

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

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

2017 Classification Report/2017 Drain Assessment Activity Report

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

Zach Beasley/Other Business

Appointment of Drainage Board member to Tri-County Board

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

Outstanding Reconstruction Assessments

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

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

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

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

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

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

Classification of Drains

Per IC 36-9-27-34

February 2017

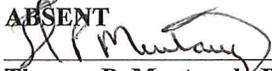
- 1.) Drains in need of Reconstruction
 - a. Elliott, S.W. (#100)
 - b. J.B. Anderson (#02) (Clarks Hill Portion)
 - c. Edwards (Not Maintained)
 - d. McBeth (Not Maintained)
 - e. F.E. Morin (#57)
 - f. Marion Dunkin (#25)
 - g. Huffman-Weimert (Not Maintained)
- 2.) Hearing and Rates Established in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

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

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

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

ABSENT



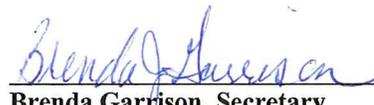
Thomas P. Murtaugh, President



David S. Byers, Vice President



Tracy Brown, Member



Brenda Garrison, Secretary