

SYNOPSIS OF

Minutes of the Regular Meeting of the Tippecanoe County Drainage Board held in the County Commissioners Room in the Court House at 9:00 a.m., on Tuesday, May 4th, 1971.

Present at Meeting Present at the meeting were Bruce Osborn, Chairman, Dale Remaly, Vice Chairman, Edward Shaw, Board Member along with A.D. Ruth, Jr., Engineer, G. Richard Donahue, Atty., Bill Martin, SCS, John Garrott, Surveyor, Larry Clerget, Deputy Surveyor, Ken Raines, Reporter and Gladys Ridder, Secretary.

Minutes Approved It was moved by Mr. Osborn, seconded by Mr. Remaly and made unanimous by Mr. Shaw to accept the minutes of the April 6, 1971 meeting with one correction.

E.W. Andrews Ditch At 9:30 a.m., there was a hearing on the maintenance report for the E. W. Andrews ditch. Three people involved in this water shed area attended. They were Mr. Charles Kerkhove, Eugene Sheets and Robert Kerkhove, all of whom felt the \$100 per acre as suggested by the Engineer in his report would be adequate and acceptable. Upon motion made by Bruce Osborn seconded by Dale Remaly and made unanimous by Edward Shaw, the Board declared the E.W. Andrews Maintenance Fund established.

Floyd S. Kerschner Ditch At 10:30 a.m., there was a hearing on the maintenance report for the Floyd S. Kerschner drain. Present at the hearing were Lorice Bails, Lina Kerschner, Glenn Heaton, W. A. Medley, Anna Hickman and Josephine Martin, all persons involved in this water shed area. After some discussion the landowners decided to try the Engineer's suggestion of \$ 1.00 per acre altho the majority felt it a bit high. Mr. Heaton asked the Board to please change the amount of acreage charged against him because of a change of tile on his farm. The tile

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May 4th, 1971 Meeting (continued)

now causes the water to run more to another ditch and less water to this one. The Board accepted his request. Upon motion made by Mr. Remaly, seconded by Mr. Shaw and made unanimous by Mr. Osborn the Maintenance Fund of the Floyd S. Kerschner ditch was established.

Train Coe Ditch Mr. Dan Ruth suggested an informal meeting with the people in the Train Coe Ditch water shed area to see how they felt about setting this ditch up for reconstruction as it needs so much. This meeting is to be held at the next regular meeting at 2:00 p.m.

Order of Findings and Certificate of Assessments The Board then signed the Certificate of Assessments and the Order of Findings for both the E. W. Andrews and Floyd S. Kerschner ditches.

Ditches Referred to Engineer The motion made by Bruce Osborn and seconded by Dale Remaly, made unanimous by Edward Shaw to refer the following ditches for the Surveyor and Engineer's consideration; Thomas Ellis ditch (Lauramie Twp.), Elijah D. Fugate (Lauramie & Randolph Twps.), Gustave Swanson (Lauramie Twp.), Frank Kirkpatrick (Lauramie & Randolph Twps.), and Jesse B. Anderson (Lauramie Twp.). All of these ditches were to be set up for maintenance.

A. Suggestion Mr. Bill Martin, Conservationist brought out how important it was to always check the change of use of the ground in determining the run off of the water. His suggestion was to always inspect the ground carefully.

Elmer Thomas Ditch Report *** Mr. Ruth gave a progress report on his meeting with the State Highway Department with regards to the State putting the tile under State Road # 225. The State assured Mr. Ruth that when Tippecanoe County was ready to reconstruct the Elmer Thomas ditch that they would do their part in tiling under the highway.

Meeting Adjourned Upon motion by Mr. Bruce Osborn, seconded by Dale Remaly and made unanimous by Mr. Edward Shaw, the meeting adjourned.

ATTEST:

Gladys Ridder
Gladys Ridder, Secretary

Bruce Osborn
Bruce Osborn, Chairman
Dale Remaly
Dale Remaly, Vice Chairman
Edward J. Shaw
Edward Shaw, Board Member

*** Notice to Adjoining Counties Mr. Ruth presented two letters to the Board for approval. One to the Drainage Board of White County and one to the Drainage Board of Montgomery County asking them to waive their interest in the Andrew P. Brown ditch (White Co.) and the Elijah D. Fugate ditch (Montgomery Co.) both of which more than 80% of the water shed area lies in Tippecanoe County. The Board approved.

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

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

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

1:00 p.m.
Jeremiah
Edwards
Ditch
Hearing

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

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

Informal
Hearing
Train Coe
Ditch

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


Bruce Osborn, Chairman


Dale Remaly, Vice Chairman


Edward Shaw, Board Member

ATTEST:


Gladys Ridder, Exec. Secretary

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

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

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

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

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

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

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

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

The regular meeting of the Tippecanoe County Drainage Board was held in the County Commissioner's Room in the Tippecanoe County Court House at 9:00 a.m., with the following members present: Robert F. Fields, Bruce Osborn, Edward Shaw, A. D. Ruth, Fred Hoffman and Gladys Ridder.

Signing of Minutes

Upon reading of the minutes of the April 26th, 1974 meeting, Bruce Osborn moved to accept the minutes as read, seconded by Robert Fields and made unanimous by Edward Shaw.

Amstutz Acreage Finished

Mr. Clarence A. Behringer had been sent a notice of an increased amount of acreage in Sec 4 in the John Amstutz watershed. The Board's decision at the April 3rd, 1974 meeting was to correct the acreage by increasing it and if Mr. Behringer did not object to the increase in acreage the \$1.00 an acre assessment would be established and if Mr. Behringer did object the Board would hold a new hearing. Mr. Ruth has been out to talk to Mr. Behringer and he was agreeable that the acreage should have been included. As of this date the maintenance fund of \$1.00 per acre on the John Amstutz ditch is established. The Board then signed the Order and Findings and the Certificate of Assessments on the John Amstutz ditch.

N. W. Bowen Maintenance Hearing 9:30 a.m.

The Engineer opened the hearing on the N. W. Bowen ditch by reading his report and making his recommendations. He told the Board that the people in the area had constructed a levee and had the water under control. The original N. W. Bowen ditch no longer served a purpose and should be vacated.

Those in attendance were: Harold Patton, Mr. and Mrs. Walter Fieleke, Homer Wilson and Floyd Hodges. All of those present were of the same opinion as Mr. Ruth but because not all individuals in the watershed area were present a new hearing will have to be called and people informed as to the decision to vacate.

10:00 a.m. George Inskeep Mainten.

The Engineer opened the hearing on the George Inskeep maintenance hearing by reading his report and making his recommendations to the Board.

No one appeared on this ditch but a letter had been received from John P. Logan as to the acreage assessed in this watershed.

745 Sunset Drive
Noblesville, Indiana
April 9, 1974

Tippecanoe County Drainage Board
Courthouse
Lafayette, Indiana 47901

Dear Sirs:

This is to serve as an objection to the Schedule of Assessments in the matter of the George Inskeep Drain. In the proposal, the parcel of land described as "N SW Sec 21 Twp 21 R 4 with 80 acres in the tract" is estimated to have 55 acres benefited by the drain. We do not feel that this 80 acre tract benefits from this drain since Stockman's Ditch runs through a corner of this tract and there are tile in this tract that drain directly into Stockman's Ditch.

We feel that the other tract described as "S End S SW Sec 16 Twp 21 R 4 containing 62.50 acres" could benefit from the drain.

Sincerely yours,
/S/ John P. Logan
JOHN P. LOGAN

cc: County Surveyor

CC: Drainage Engineer

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The Board upon recommendation of Mr. Ruth accepted the change in acreage as the letter indicates.

Upon motion of Robert F. Fields, seconded by Bruce Osborn and made unanimous by Edward Shaw an assessment of one dollar (\$1.00) per acre was established.

10:30 a.m. F. E. Morin Maintenance Hearing

The Engineer opened the hearing on the F. E. Morin maintenance hearing by reading his report and making recommendations to the Board.

Those in attendance were: Mr. Allen Orr contract purchaser of Sherwin Farm, R. S. Hadley for Hadley Associates and Ione Coe Davis.

Mr. Hadley had a problem to discuss with the Board and Surveyor but it was on the Train Coe ditch and Mr. Ruth said he was aware of the problem and that it would be taken care of in the near future. Mr. Orr reported that he had done some ditching on the Sherwin farm on his own and without any request of the Drainage Board but that he was hoping for some reimbursement from the County. Mr. Ruth pointed out that without authorization from the County that they were in no way obligated to take care of any of the expense and Mr. Orr said he was aware of that.

There was no objection to the one dollar (\$1.00) per acre assessment so on motion of Bruce Osborn, seconded by Edward Shaw and made unanimous by Robert Fields a dollar an acre assessment was established.

Order and Findings Certificate of Assessment

Upon the establishment of a maintenance fund on the two above mentioned ditches, the Board signed the Order and Findings forms and the certificate of assessments to be placed in the hands of the Auditor for collection in the year 1975.

On motion made and carried the meeting adjourned.


Robert F. Fields, Chairman


Bruce Osborn, Vice Chairman


Edward J. Shaw, Member


Gladys Ridder, Exe. Secretary

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

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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

NOVEMBER 5, 1986

Tippecanoe County Drainage Board, November 5, 1986

The Tippecanoe County Drainage Board met Wednesday, November 5, 1986 for regular board meeting at 8:30 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 Vice-Chairman Eugene R. Moore. Those present were: Sue W. Scholer Boardmember, Fred Hoffman Drainage Attorney, Michael J. Spencer Surveyor, and Maralyn D. Turner Executive Secretary, other present are on file.

CHEKER COMMERCIAL

CHEKER

COMMERCIAL

Richard Boehning attorney, representing Carl Ritchie property owner, plans have been presented for final approval of Drainage. The plans meet the code with the exception of 2 items. 1. The allowable release rate, because of the small area involved the release rate is 1.62 cfs and the ordinance calls for a 10 year release rate of 1.43 cfs, therefore they are requesting a variance. 2. Storage was the other problem, Mr. Schulte went through the plans and indicated that there was a 350'cf differential in the storage area. Revision of the parking was presented in the revision it picks up the 350'cf. Revised the grade of the parking lot. 2842 cf that are necessary. Asking for a 25 year storm event. Michael Spencer stated he and Mr. Schulte had gone through the plans considering all the limits in the area, he feels that the revised plan presented is OK. Mr. Hoffman ask if it complies with the 25 year release rate? Their request is to use a 25 year release rate from the detention area instead of a 10 year Storm Event. It is .2 cfs from 1.43 to a 1.62. Mr. Boehning said it was .19 cfs difference. Mr. Hoffman ask if it was going to cause any future problems and where it goes to the Elliott ditch or the Wildcat, the answer Wildcat, goes around the Interstate entrance ramp. What percentage difference was question of Mr. Hoffman, answer 10%, Mr. Hoffman, no way to get in the compliance of the Ordinance? Mr. Boehning answered, can't store any more, got to store to release. Michael Spencer stated that if they increase the pond going to make more water then they would need an increase in their drain down time compared to the ordinance as all the water is to be out within a certain time (24 hours). The parking lot will be wet longer. Puddle over the outlet which is going to be a manhole which has grate over it with an orifice plate in it. Mr. Hoffman ask if Michael felt this was the way to go with the plans, he felt it was, Mr. Hoffman agreed.

Sue W. Scholer moved to grant a variance to Cheker Commerical Subdivision for variance to the ordinance requirement of 1.43 to 1.62 cfs, seconded by Eugene R. Moore, motion carried. Sue W. Scholer moved to grant final drainage plan approval as revised, seconded by Eugene R. Moore, motion carried.

WOODBERRY SUBDIVISION PHASE II

WOODBERRY

SUBDIV

PHASE II

Robert Gross engineer, for Stewart Kline and Associates representing Leroy Moore owner. Originally had a plan with detention storage system located in Lots 26, 27, 28, and 29. The revised drainage plan will use Lot#29 as the detention storage basin which will give better access for future maintenance. The original plan set the allowable release rate at 10.27 cfs with a storage volume of approximately 0.3544 Ac Ft. The revised system will have an allowable release rate of 6.12 cfs and storage volume of 0.595 Ac.Ft. (25,933CFT) below the high water elevation of 658.95. The depth of water in the basin will be 3.25 ft and the storage volume includes an additional 6% as required by the ordinance. The discharge will be controlled by a 12" CMP going to structure. For less frequent, higher intensity storms, the basin will overflow into structure #1 and the 24" diameter pipe will serve as the emergency outflow. Lot 29 would be redesigned with an outlet structure, go through underground outlet out into side ditch, same outlet as before. Cost wise would be much more attractive, the owner gave up one whole lot instead of spreading it across the 3 lots, pipe is outlet instead of having an open ditch. with the revision the easement would be changed from 65' to 35'. this would give enough excess to dip pipe out. This will help down stream. Michael Spencer ask if the plan had been recorded, it has not. Mr. Gross feels there will be no maintenance problem. Question was ask if there would be maintenance to take care? Michael thought previously that Mr. Moore was going to petition for a legal drain. Michael Spencer stated the board may want to look at the construction plans after the detention areas was built before they recorded the plans. Sue W. Scholer ask how many land owners were we dealing with? Michael Spencer ask Mr. Moore what was decided in regards to a legal drain or Homeowners covenants. Mr. Moore is the biggest property owner. Mr. Moore wasn't sure, records would have to be checked. As it is now Mr. Moore can petition for a legal drain. Mr. Moore said there would be a Homeowners Association. After much discussion, roads are not county maintained. Mr. Moore ask if Area Plan could finalize the project, before the Drainage Board? There is now problem with the plan, it is the matter of looking ahead at maintenance. Mr. Moore ask what we were looking at time wise? Michael Spencer stated it would take 60 days or longer, but it should not hold Mr. Moore up any way with his construction. Mr. Moore hopes to file his final plan soon, boundry has been approved and is ready to be recorded. Michael Spencer was checking to see what was discussed in regards to petition or Homeowners Association for Phase I, if there is to be a Homeowners Association need to check the covenants to see which is best for him.

Sue W. Scholer moved to give final storm drainage approval for Woodberry Plan Development Phase II with the stipulation that a petition for a legal drain be filed. Seconded by Eugene R. Moore, motion carried. For the records Mr. Hoffman took no action during the discussion as he has helped with this project.

ELLIOTT DITCH

ELLIOTT

DITCH

Jim Rahe Data Processing Director, stated that it would be another week before notices could be sent out. Mr. Hoffman stated that the percentage has to be 100% or more. Mr. Rahe will get this worked out. He stated that he needed a work order for the proposed Ditch Assessments. He needs the letter as soon as possible. Task Force will meet November 13, 1986. The meeting recessed at 9:10 A.M. to reconvene meeting at 10:00 A.M.

TRAIN COE HEARING

TRAIN

COE

HEARING

Mr. Hoffman opened the meeting for the Hearing of Train Coe ditch reconstruction asking Michael Spencer to present his findings. Property owners present were: Patricia House, Bob Higman, Bob Gross, Charles West, Jerry E. Kerkhoff, Larry Skinner, Marvin McBee for Grant and Steve McBee., others present are on file.

February 1986 a petition was signed by property owners with a total acreage of 1,267.144 within the watershed, starting at the outlet of Wea Creek.

Mr. Hoffman read remonstrance from Grant and Steve McBee stating they are against the Train Coe being cleaned out the way it is proposed, they are for cleaning only where it needs to be cleaned, they have a total of 132 acres in the watershed to be assessed. A letter from Michael L. Taylor stating that his two tracts of land with a total acreage of 1.5 was not in the watershed area.

Larry Skinner ask if dead sand in the area of county road 1150 south crossingf would stay clean after being cleaned out? Michael feels it will be a continuous problem with maintenance.

Jerry Kerkhoff has question in regards to his assessment, Michael will go out and check.

Mr. Hoffman ask what kind of pipe was he going to put in. There is an existing pipe and was replaced by the County Highway last year at that time the pipe was lowered so they could go through at a deeper grade. Tile outlets are, they going to be replaced with pipe? Hopefully when they are opened up they can be saved, there is alot of broken tile outlet, they will be replaced.

Larry Skinner, when do you plan to start this and when will the propetty owners be assessed? Would like to put out for bid as soon as possible, depending on what the outcome is of todays meeting. Depend on weather, May 1, 1987. Estimated Cost of \$40,157.33 @ \$25.00 Acre, Acreage 1,601.664. Pat House moved to go ahead with bids with an alternate Proposal of not cleaning the open ditch.

Mr. Hoffman ask about the ditch banks, not going to do any of the ditch banks as they are in pretty good shape, just be cleaning the ditch bottom. What's going to be done with the spoil? Will be spread out and leveled on the easements. All agreed to the May 1, 1987 as the finishing date. Michael felt that it should only take 45 working days to complete the project.

Marvin McBee father of Steve and Grant McBee stated the thing they were concerned about was taking the grass out only. They are not against the ditch. How soon is the grass going to be back in there since the ditch doesn't flow much water? Are we spending money for something that we don't need to spend for? Could it be modified as \$25.00 @ acre is stiff when corn is \$1.50.

Michael Spencer, to modify it any, could spray, but the major problem with spraying could it flow into an area that should have no chemicals. He really hates to spray. Mr. Hoffman ask if they could put the bids out so it could be bid two ways. Michael, set it up on a per ft basis as the whole ditch was measured. To remove grass the cost was approximatley \$9,000.00 for 8,850', Clearing of 5 acres, Excavation 10,200', Furnishing and install culvert 85" X 53" X20' Lump sum (1), Seeding, Lump Sum (1), Rip-rap delivered and placed Ton (100) maybe more or less. List of pipe 4" through 24", there is no way of knowing what type of pipe they will have to use, therefore it is hard to figure exactly, not clearing grass may change the assessement by an estimated price of \$5.00.

Larry Skinner ask if they plan to replace culvert between State Road 28 and County Road 1150 South road, the answer, NO, the only one they looked at was the one at Mr. West's property as it leads to the residence, they did redesign that one. This was to protect the County.

To answer Mr. McBee's question they will have an unit price on taking the grass out, know how much it will cost per ft., put an alternate in to deduct that, then the property property owner may want to go that way. We can advertise for bids putting stipulation in for 90 days, have the propety owners back in and then decide which way they want to go with the reconstruction. Mr. McBee wanted to know Michael's opinion. Michael would like to see the grass out in order to put the ditch in A-1 condition in one through, there is maintenance money in there now, currently there is a balance of \$3,877.85, the 4 year assessment is \$3,338,56, this is just a little bit over the 4 year collection of assessment, maybe they could use maintenance if a bad spot is found. Mr. McBee ask if they were going to take it out every year or so? Michael stated he would act accordingly to a complaint. Mr. McBee felt there should be a restriction of how close they can farm to the ditch, but if you farm too close this can create a problem. There are no regulations written by the Drainage Board, Mr. Spencer feels that this is an important thing not to farm too close to the ditches, but walking the ditch Michael felt the farmers have been doing a good job in staying back. Eugene R. Moore ask how far should the farmers stay back? Mr. McBee ask if they were going to put drop inlets in? There are a number of them along the drain now, they were put in in the early 70's when the ditch was reconstructed, he doesn't have any planned, however if they see there is a need for one they will put it in.

Pat House stated she has a couple areas that are bad, but they are caused from the drain pipes being stopped up the water can't go through, the water goes over the top, as soon as the pipes get to working there will be no problem. Mr. Moore ask the people what they wanted. Sue W. Scholer ask if they would like to have the bids come in an held so they can come back and look them over?

Pat House moved to have bids let and have another hearing. Bids will be put out with an alternate with the deduction of bottom cleaning. After much discussion the board decided to continue todays hearing, with advertising bids November 14, 1986, November 21, 1986 in the Journal and Courier, bids will be opened December 3, 1986 at 9:00 A.M. and a Special Meeting December 10, 1986 at 10:00 A.M.. The people will have two ways to consider the cost for reconstruction.

Sue W. Scholer moved to advertise for bids for Reconstruction of the Train Coe Ditch and continue this meeting till December 10, 1986 at 10:00 A.M., and look at bids that are due December 3, 1986, regular Drainage Board meeting, seconded by Eugene R. Moore, motion carried.

Vice Chairman Eugene R. Moore called the regular Drainage Board meeting to order at 8:30 A.M. in the Community Meeting Room of the Tippecanoe County Office Building, 20 North Third Street, Lafayette, Indiana. Those present were: Sue W. Scholer Board Member, J. Frederick Hoffman Drainage Attorney, Michael J. Spencer County Surveyor, George Schulte Drainage Engineer, and Maralyn D. Turner Executive Secretary. Others present are on file.

S.W.ELLIOTT DITCH

ELLIOTT
DITCH

Michael Spencer reported to the board that he has a draft written up for the Proposals for Elliott Ditch Study, however he feels since the new Auto factory is coming to the area the letter should be held as changes maybe needed in the study.

KNIGHTS INN

KNIGHTS
INN

Dennis Grump engineer, representing Schneider Engineering Corporation and Cardinal Industries for the project of Knights Inn Motel located on State Road 26 East, West of I-65 and McDonald's on the north side of 26. Mr. Grump ask for drainage board approval of drainage system, he showed three (3) exhibits.

Exhibit I is the Site Plan of Utility lay out with storm sewer system, the discharge will be in the Britt detention area, calculations have been submitted and discussion with Michael and George in regards to the flow.

Exhibit II is the flood routing which has a swale on the north side 2' from the center of the property line, this is for 100 year storm water flow.

Exhibit III shows the easement which would encompass the flood routing swale to the detention area, have grading detail on the swale within the sub plans. Sue W. Scholer ask if they had the easement? Mr. Grump had a copy of letter from Shoney's giving their approval of using the rear of their property toward storm sewer system and the granting of the easement. The easement on the plan shows a cross hatched area which will contain a storm sewer. Michael Spencer ask, the 30' easement is in regards to the swale? Answer-Yes. This will allow all the storm water to get to the Britt Drain Detention Basin as planned in the overall master plan for the Britt Drain Watershed. George Schulte stated this will give them over land flood rating to the basin. Joe Bumbleburg was ask to explain the easement in regards to the flood routing swale. Mr. Bumbleburg explained that the Shoney's easment has been placed, this is on the east side of Shoney's. The letter that permits Knights Inn to use the easement has to be recorded. Michael ask if the 10' easement would be adequate to hold the swale? The swale will not be within the 10' easement. The storm sewer will be within the 10' easement as planned, Shoney's does own the property and that was the reason for the letter granting them approval to use the area, an easement will be recorded for the 10' strip. This has been transmitted to Shoney's. The letter was presented to the board today, Mr. Grump is not sure the easement has been signed it is in the process of being signed. Jack Cogley with Cardinal Industries stated that the easement is conditional upon closing, they are asking for approval here today so that they can close. Documents are out waiting to see if there are any other signatures required. Mr. Grump said this could be contained in the off side easement if they were not allowed to use Shoney's. Mr. Hoffman ask if they were going to have an easement for that? This is what the 30' easement covers, that's totally Britt property, this is the one the board is requesting to be recorded. All this will be done at closing, not before. Mr. Bumbleburg was representing Floyd Britt, however Mr. Britt was present. Mr. Hoffman stated to Mr. Britt that he understands that he is selling land plus going to give easement on the land that he retains. Yes, this is all done conditional and will be done at closing. Sue W. Scholer ask if there was any further recommendations on the drain.? George Schulte said his main concern was how they were going to get an emergency runoff to the main detention area during a storm. This will be a private system, maintained by Knights Inn. Mr. Hoffman ask if this complies with the ordinance code? Yes. Mr. Hoffman wasn't clear on the extra easements, are they to be used as detention storage? No, they are just emergency overflow. Mr. Hoffman, how does this comply with the Ordinance? Basically it goes into a detention basin then on to the Wildcat creek. Mr. Hoffman ask if the outlet of the detention pond was going to be affected, answer-no, rate will be the same. Mr. Bumbleburg stated that this land has original signatory agreement of many years ago. They are just making sure that the land here has access to the drainage to the detention pond. Mr. Schulte stated that the area has a master drainage plan that was approved by the Drainage Board. Mr. Hoffman ask if the pond was big enough? Yes, it is 1.5 acres. Mr. Hoffman said that approval has to be at the same time everything is recorded. Mr. Hoffman felt Michael Spencer could be given authority to give them approval letter at the same time everything is recorded, the board doesn't want to give approval and not have the easements. This should be conditioned on them getting easements. Dave Poelstra attorney, representing Burger King ask about calculations. Mr. Grump said that the calculations submitted to Michael and George included a portion of Burger King site which will flow through Knights Inn site. At the time the calculations were made, Burger King had not developed their site plan to the point of giving Knights Inn a drainage pattern so they would know what to include from the Burger King site. Mr. Grump had talked with Pat Cunningham who has done work for Burger King. Mr. Cunningham had indicated to Mr. Grump that the area they had allowed Burger King drainage is some what less than what actually

will come about, this has been with Michael Spencer they will revise their calculations to include the extra area which is about .4 of an acre and resubmit to Mr. Cunningham. Mr. Poelstra stated they are in agreement with Cardinal Industries to take Burger King water to meet their plans they want to make sure all the area is included in this plan. Mr. Hoffman stated no approval can be given to Burger King till they have their plans submitted. Mr. Bumbleburg stated to Mr. Poelstra that he wasn't asking for approval, asking for approval of drainage plan for Burger King site, only you are advising the board in asking them to approve as a part of conditional approval for Cardinal Industries the fact that .4 of an acre in whatever configuration has been calculated (100 year level) after development level is the best they can do to come into, this is all the board can do for Burger King. No approval can be given to Burger King as the board does not have the calculations for the site and not before the board at this time. The only thing the board can do is approve what is before the board. Mr. Poelstra wanted the board to understand that their calculations are including what is going to be coming in. Mr. Hoffman stated they didn't necessarily include what Mr. Poelstrs is asking. Mr. Poelstra stated this is what they are changing in their entire area. Mr. Grump stated they have included about 2/3 of their property, but it was based on not having an accurate plan(grading Plan). Mr. Cunningham representing Burger King wanted to add to the discussion and clarify what is happening with the Burger King property. The area including Shoney's,Britt property, property in question, and including Burger King was included into a master drainage plan which all was to be drained to the detention pond, as the property is situated if allowance isn't given for the future development of the property now in the approval of the drainage plan submitted, then it will be hard to come back next spring going through the project after it has already been approved and under construction and change things, basically what they are doing now they are setting up an agreement with Cardinal Industries to have them take Burger King after development water from the Burger King property across their property and route to the detention pond. Burger King will be taking about 1.2 acres only taking .4 of an acre. They want the board to understand that Burger King is going into an agreement upon the closing, the agreement is that Knights Inn will take Burger King water at the 100 year after development rate across their property to the detention pond. They want to insure that the Board understands that Burger King doesn't want to come back in in the spring and find out that they have to put a detention pond in the small area which has already been taken care of by having the original detention pond. Mr. Hoffman stated they were going to have to take care of the rest of their water as Knights Inn plan takes care of about 1/2 of it. The calculations submitted to the board shows a water basin area of about 2/3. Mr. Hoffman felt the board didn't have any authority to do anything toward what they are asking the board to do at this time. The only thing that is before the board is the application for approval of their project, if their project applies with the ordinance and statue we have to approve it. Burger King is not before the board at this time, and what the private dealings are with each other isn't the boards approval. Mr. Cunningham stated he didn't think they were asking for approval and they understand that they are not before the board, we are here for a clarification and understanding. Mr. Poelstra again stress that what Knights Inn is doing will cover Burger King. Mr. Hoffman stated he understood, he told Mr. Cunningham to come back, the only thing they can do today is conditional approval on plan presented today on bases of getting easements. Sue W. Scholer moved to give final approval for Knights Inn drainage plan conditioned upon proof to the surveyor the recording of these easements and proper documents,seconded by Eugene R. Moore, motion carried.

TRAIN COE DITCH RECONSTRUCTION BIDS

Five bids had been turned into the Auditor's office,Mr. Hoffman opened the following bids and found the necessary signatures and checks included:

	BIDS	ALTERNATE
1. Fairfield Contractors	\$45,879.00	\$29,564.00
2. Franklin Excavating	\$45,191.90	\$34,129.40
3. Fauber's	\$114,627.50	\$79,565.00
4. Bill Noland	\$25,895.00	\$21,998.00
5. W & W Contracting	\$28,382.00	\$23,280.00
Estimated cost for the project \$40,157.33		

The lowest bidder was Bill Noland ask the board if they had any questions to ask him, the board had none. Mr. Spencer thanked all for their bids and told the bidders that the board would let the bidders know after the hearing December 10, 1986 with the property owners.

BRAMPTON APARTMENTS

Dennis Grump from Schneider Engineering ask the board if they would hold a special meeting for Brampton Apartments Phase I to request final approval for drainage plans, they were before the board in June 1986 at that time they had conditional approval given to their preliminary drainage plans with revision, they have revised and want to submit to Michael Spencer and George Schulte. Mr. Hoffman suggested the board wait till the proper material has been submitted to the board before setting a special meeting. Mr. Grump will send the material by noon December 4, 1986. Michael will contact Mr. Grump next week in regards to a special meeting.

DRAINAGE BOARD ORDINANCE

Sue W. Scholer moved to draw up an Ordinance as an amendment to the drainage plan requiring all new Subdivisions and Plan Developments to have their drainage become a legal drain upon the boards final approval. A Public hearing be held before it is formally adopted, and to confer with the Area Plan staff so that they will know how to tie that into their system, seconded by Eugene R. Moore,motion carried.

The meeting adjourned at 9:35 A.M.

Eugene R. Moore
 Eugene R. Moore, Vice-Chairman

Sue W. Scholer
 Sue W. Scholer, Board Member

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

In the absence of Eugene R. Moore Vice Chairman, Sue W. Scholer Secretary of the board called the continued hearing meeting of Train Coe Ditch Reconstruction hearing of November 5, 1986 back in order.

Those present were: Sue W. Scholer Board member, Michael J. Spencer Surveyor, J. Frederick Hoffman Drainage Attorney, and Maralyn D. Turner Executive Secretary. Property Owners present were: Pat House, Jerry Kerkhoff, Donald Barker representing Bane-Tara Inc. Paul Williams property owner, Fred McBee arrived after all discussion.

Bids were opened at the December 3, 1986 regular Drainage Board meeting. Property owners were given a copy of all bids. The low bidder was Bill Noland from Kokomo, Michael is familiar with his work and he does satisfactory work. The high bid \$25,895.00 figures \$16.17 per acre which includes cleaning, and realigning ditch bottom and level soil, alternate bid (low bid) \$21,998.00 figures \$13.73 per acre, this bid is deleting the cleaning and realigning ditch bottom and level soil.

Michael stated we do not have a quorum of Commissioners, therefore this meeting will have to be continued Monday, December 15, 1986 to get the Commissioners signatures on the bid documents and the findings.

Michael ask if the property owners had any questions. He had talked to Mr. Noland and as soon as the contract is executed he will be ready to start the reconstruction he is planning to start before December 25, 1986. Mr. Noland will get his bid bond.

Sue W. Scholer ask for comments in regards to the regular bid and the alternate bid.

Don Barker representing Bane Tara, Inc., Paul Williams ask how this would appear on the taxes? Is this over a period of time or a lump sum. Property owners will get a separate ditch tax bill, there is a five (5) year pay back at 10% interest on the unpaid balance after the first year, the first year is interest free if it is paid off. Decision will have to be made on how this will be done, it can be set up in equal payments over a five (5) year period or in one (1) year pay back. Interest rate is set by the Legislature. Steve and Grant McBee were the remonstrators they have 132 acres total. Don Barker ask how many acres Dr. Paul Williams had, he has 202.254 total acres.

Pat House ask Mr. Barker if he knew how Dr. Williams would feel going the whole bid compared to the alternate bid. Mr. Barker said, "He really could not answer, it really should be out, but it's been in there 12 years." He feels that it is alot of money, he knows there are other places that need the grass cleaned out, but \$4,000.00 is alot. Other areas that really need to be cleaned out would be through the Cunningham woods, Phil Wilcox, and Vernie Hart, and north of 28 the bottom needs to be straightened, per Michael Spencer.

Jerry Kerkhoff stated that in 2-3 years the grass would be right back and he feels that the alternate would be the way to go.

Pat House moved to accept the alternate bid for the ditch reconstruction, seconded by Jerry Kerkhoff, motion carried.

Sue W. Scholer stated the Commissioners would take that under advisement and act on signing the documents getting it started in the Monday, December 15, 1986 reconvened hearing meeting at 10:00 A.M.

Jerry Kerkhoff ask Michael if he had checked the acreage on the Grimes property? Michael had not, he set an appointment to go out today and meet with Jerry. 20 Acres is in question.

There being no other discussion the hearing will reconvene Monday, December 15, 1986 at 10:00 A.M. for the Commissioners to sign the documents and adopt the findings, they have been completed and ready for the signatures.

MONDAY, DECEMBER 15, 1986 -10:00 A.M.

TRAIN
COE

The Tippecanoe County Drainage Board reconvened on Monday, December 15, 1986 with the following in attendance: Eugene R. Moore, Vice Chairman, Sue W. Scholer Board Member, Michael J. Spencer Surveyor, Fred Hoffman Drainage Attorney. Eugene Moore called the meeting to order at 10:07 A.m. for the action on the reconstruction on Train Coe Ditch.

Michael Spencer reported that the Board had met the previous Wednesday with property owners affected, and they had decided to accept the bid of Bill Noland and Son, a contractor from Kokomo. He pointed out that this was an alternate bid which did not include digging the grass out of the bottom of the ditch. He said the total was for \$21,998.00 and Sue W. Scholer put in that this was \$13.73 per acre.

Mr. Hoffman next indicated that the reconstruction report needed to be approved, so Michael Spencer produced this report and related that it had been amended for approval. Sue W. Scholer moved to approve the reconstruction report on Train Coe Ditch as amended, and this, too, carried with Eugene R. Moore's second. Michael Spencer reported that the amendments had included a deletion of lands owned by Michael Taylor, 1½ acres, and a reduction in lands owned by Jerry and Michelle Kerkhoff from 20 to 10 acres. Mr. Hoffman concluded that 11½ acres were being taken off, which would increase the amount paid by each of the other landowners, but not beyond the advertised price.

Sue W. Scholer made the motion to sign the contract for public work with William E. Noland and Son. Eugene R. Moore seconded the motion, which carried. Mr. Spencer promised to call the contractor and direct him to begin the process of obtaining his performance bond.

There was no further business to be addressed by the Board, so the meeting adjourned at 10:15 a.m.

TIPPECANOE COUNTY DRAINAGE BOARD
WEDNESDAY, JANUARY 6, 1988

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

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

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

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

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

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

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

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

Mr. Hoffman read the Active Ditches for the year of 1988.

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

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

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

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

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

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

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

Michael stated he had received a letter from Benton County in regards to the Darby Wetherhill ditch and he asked the board to appoint a representative and alternates for this ditch.

Sue W. Scholer is representative, first alternate Eugene R. Moore, second alternate Bruce V. Osborn.

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

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

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

January 6, 1988 Drainage Board Meeting Continued

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

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

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

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

Many questions need to be answered before action is taken.

VALLEY FORGE

Valley Forge

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

MEETING TIME CHANGE

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

JOHN HOFFMAN DITCH

JOHN HOFFMAN DITCH

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

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

Mr. Hoffman conducted election of officers.

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

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

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

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

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

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

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

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

Mr. Spencer asked for questions.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Mr. Moore asked the feeling of the property owner.

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

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

January 6, 1988 Drainage Board Meeting Continued

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

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

Malcomb Miller supports Mr. Frey's statement.

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

Michael stated they would be maintaining what there is now.

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

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

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

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

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

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

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

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

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

Michael stated the grade can be checked.

Mr. Barr would agree to keep the water going.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Bruce V. Osborn

Bruce V. Osborn, Chairman

Sue W. Scholer

Sue W. Scholer, Boardmember

Eugene R. Moore

Eugene R. Moore, Boardmember

ATTEST:

Maralyn D. Turner

Maralyn D. Turner
Executive Secretary

TIPPECANOE COUNTY DRAINAGE BOARD
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 Dickesn, Martin V. Erwin, Crist/Fassnacht, Elijah Fugate, Rebecca Grimes, Harrison Meadows George Ilgenfritz, George Inskeep, Lewis Jakes, Jenkins, E. Eugene Johnson, F. S. Kerschmer, Amanda Kirkpatrick, James Kirkpatrick, John A. Kuhns, Calvin Lesley, John McCoy, Mary McKinney, Absalm Miller, Lane Parker, James Parlon, Calvin Peters, Franklin Resor, Peter Rettereth, Arthur Richerd, Alexander Ross, James Shepherdson, John Saltzman, Ray Skinner, Joseph C. Sterrett, Wm A. Stewart, Alonzo Taylor, Jacob Taylor, John Toohey, John VanNatta, Harrison Wallace, Sussana Walters, McDill Waples, J. & J. Wilson, Franklin Yoe, and Shawnee Creek.

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

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

COUNTRY CHARMS

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

TRASH TRANSFER

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

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

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

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

Sue W. Scholer stated there are two recommendations made.

1. The erosion control. 2. The calculations.

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

COUNTRY
CHARMS

TRASH
TRANSFER

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

✓
DIMMENSION

DIMENSION CABLE

CABLE

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

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

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

George stated they are asking for final drainage approval.

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

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

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

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

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

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

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

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

WAL-MART

WAL- MART

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

WAL-MART CONTINUED
JANUARY 3, 1990 DRAINAGE BOARD MEETING

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

STATE ROAD

STATE ROAD 38 PROJECT AGREEMENT

38 PROJECT AGREEMENT

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

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

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

ORCHARD PARK

ORCHARD PARK

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

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

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

The services that were included are:

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

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

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

THE ITEMS READ ARE NEEDED FOR THE ENTIRE WATERSHED

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

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

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

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

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

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

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

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

CARROLL COUNTY JOINT DRAIN

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

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

Hubert Yount, seconded. Motion carried.

DRAINAGE BOARD ATTORNEY CONTRACT

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

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

Nola J. Gentry, seconded. Motion carried.

ACTIVE AND INACTIVE DITCHES

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

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

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

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

DISCUSSION ON TILE BIDS

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

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

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

JOHN HOFFMAN DRAIN

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

Mike read the proposal into the minutes.

TO WHOM IT MAY CONCERN:

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

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

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

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

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

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

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

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

Discussion followed.

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

HADLEY LAKE DRAIN

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

PINE VIEW FARMS

Roger 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
Keith E. McMillin, Chairman

Nola J. Gentry
Nola J. Gentry, Member

Hubert D. Yount
Hubert D. Yount, Member

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

Tippecanoe County Drainage Board
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
 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 ASSESSMENT	1996 4 YEAR BALANCE	YEAR END
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 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	Juluis 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