

**Source Document Log
Source Document Discrepancy Log (Over)**

Drain: LINCOLN SMITH

#	Main/Arm Name	Document Name	Document ID	Info From Document
1	LINCOLN SMITH	VIEWERS REPORT	CAUSE # 23662 MADISON COUNTY	
2		PLAN & PROFILE	CC 23662	TILE SIZE
3		SURVEYORS REPORT	2-23-1982	
4		WAIVER OF JOINT BOARD	3-1-1982	

Drain: LINCOLN SMITH Drain #: 198
Improvement/Arm: _____
Operator: J. LIVINGSTON Date: 6-18-04
Drain Classification: Urban/Rural Year Installed: 1946

GIS Drain Input Checklist

- Pull Source Documents for Scanning
- Digitize & Attribute Tile Drains
- Digitize & Attribute Storm Drains
- Digitize & Attribute SSD
- Digitize & Attribute Open Ditch
- Stamp Plans
- Sum drain lengths & Validate
- Enter Improvements into Posse
- Enter Drain Age into Posse
- Sum drain length for Watershed in Posse
- Check Database entries for errors

J. Livingston
Sum J. Livingston

Sum J. Livingston

J. Livingston

J. Livingston
J. Livingston
J. Livingston

Gasb 34 Footages for Historical Cost
Drain Length Log

Drain-Improvement: Lincoln Smith

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
TILE	18"	137'	137'		6.50/lf	890.50
OPEN DITCH	—	2358'	2358'		19.55/lf	46098.90

Sum: 2495' 2495' \$46,989.40

Final Report: _____

Comments:



SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, Surveyor

773-6110 Ext. 19

Noblesville, Ind. 46060 February 23, 1982

TO: Hamilton County Drainage Board

RE: Lincoln Smith Drain

Attached is a request for waiver, Surveyors report, drainage shed and assessment roll for Madison County for the Lincoln Smith Drain.

This drain is an open ditch 2358 feet in length and was constructed in 1946. The open ditch begins at the outlet of an earlier tile drain which amount to approximately 137' in length within Hamilton County. The Hamilton County total length of tile and open drain combined is 2495ft. This is a small percentage of the total drain. Also approximately 88% of the drainage shed is within Madison County. Because of this and looking over the proposed plan and profile I can see no reason this Board should not grant a waiver of a Joint Board.

I would like to point out two items for the Boards information, although I believe they do not affect the waiver. First, the Madison County Drainage Board overlooked the waiver for a Joint Board and held a hearing for the reconstruction in February at which time it approved. After the meeting it was discovered that the waiver was not obtained.

Secondly, I had sent an updated assessment roll to the Madison County

This copy printed from the Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste. 188, Noblesville, In 46060
Surveyor in June 1981. He overlooked it when setting up the assesement.

"roll and instead used the 1946 assessments. According to the 1946 roll Hamilton County has less acreage benefiting than it actually does. Because of this and the fact that another hearing ^{charging} ~~charging~~ Hamilton County landowners more would only cause problems, I believe the Board should send Madison County a waiver.

KCW/no

Kenton C. Ward
Kenton C. Ward-County Surveyor

HAMILTON COUNTY DRAINAGE BOARD

COURT HOUSE

NOBLESVILLE, INDIANA 46080

March 1, 1982

TO: Madison County Drainage Board

RE: Lincoln Smith Drain


Gentlemen:

This is to advise you that the members of the Hamilton County Drainage Board hereby waive their right to be represented on a joint board in reference to the above mentioned drain .

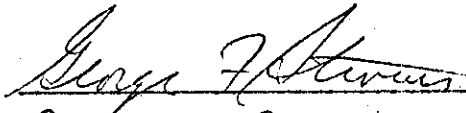
We further request that the Madison County Drainage Board be the Board to have jurisdiction over all proceedings regarding Lincoln Smith Drain, including its maintenance and any necessary improvements.

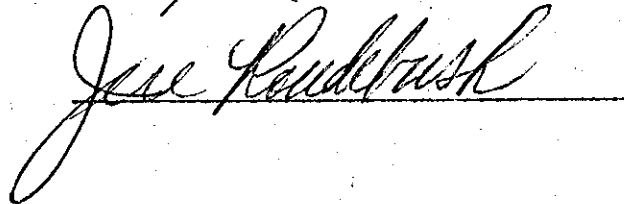
Sincerely,

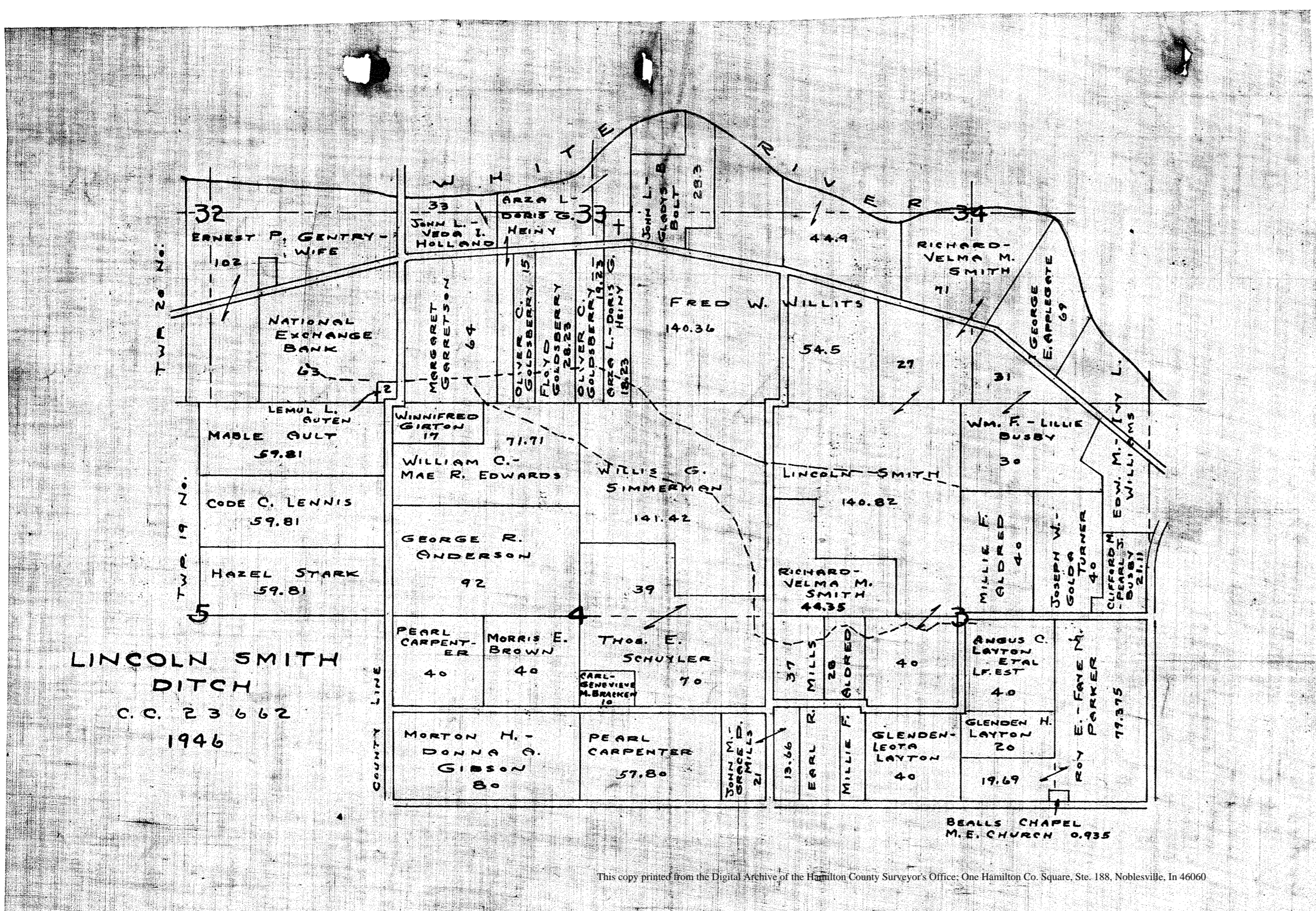
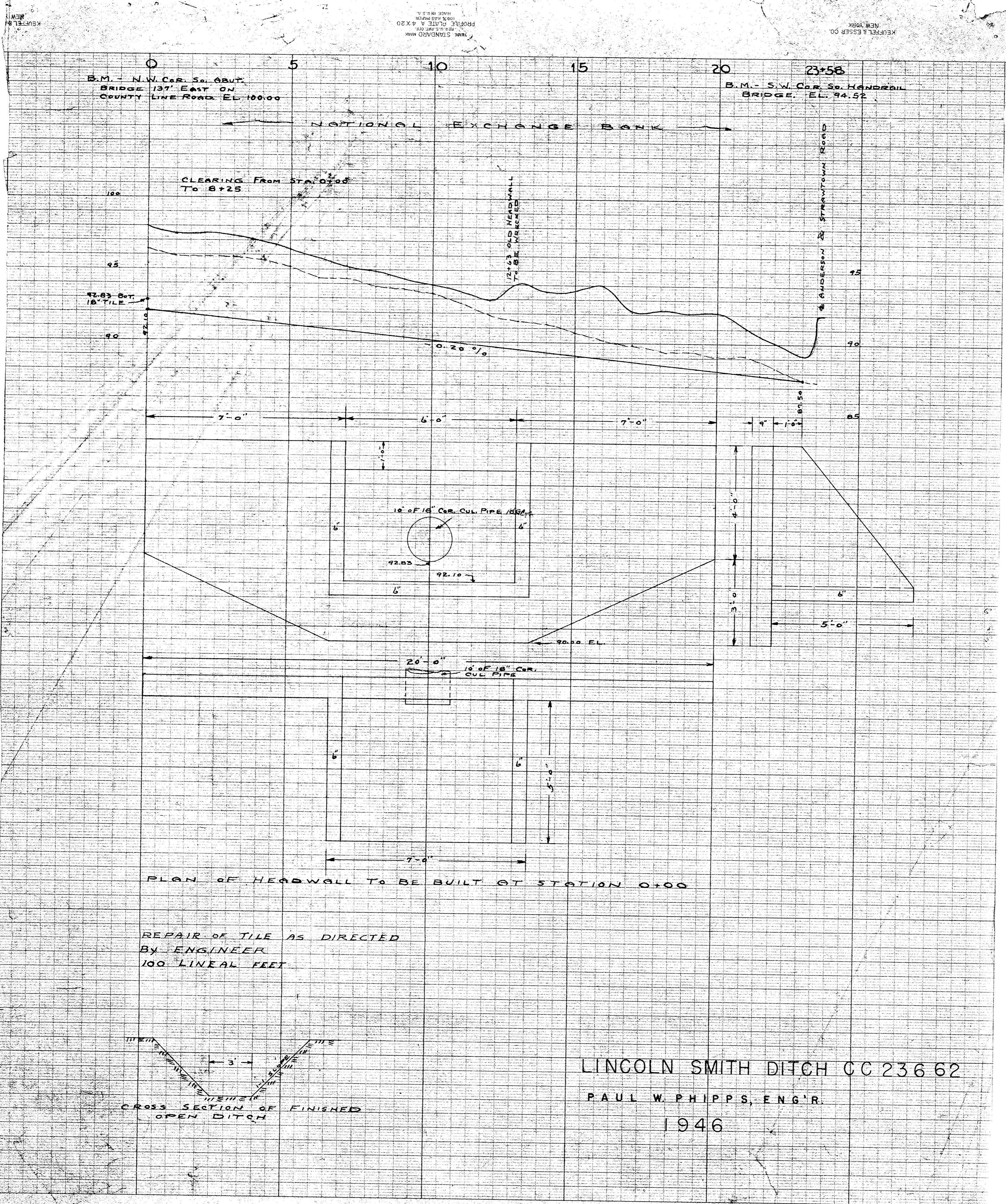
Hamilton County Drainage Board



Chairman







STATE OF INDIANA
MADISON COUNTY

IN THE MADISON CIRCUIT
COURT, CAUSE NO. 23662

EX PARTE LINCOLN SMITH, REAL
REPAIR AND RECONSTRUCTION.

REPORT OF THE COMMISSIONERS

*Surveyors
Viewers*

To: The Honorable Joseph A. Hickey, Judge of the
Madison Circuit Court.

VIEWERS

The undersigned Roy D. Horney, Surveyor of
Hamilton County, Ernest Busby and Paul W. Phipps,
Surveyor of Madison County Indiana, to whom the
Court referred the original report in this matter
in the above entitled cause, submit the follow-
ing report, to-wit:-

That after said Roy D. Horney and Ernest
Busby had qualified as such Commissioners, they
with the County Surveyor, proceeded to make per-
sonal inspection of all lands in the petition and
all other lands likely to be affected by the pro-
posed work and they found that the said proposed
drain was practicable and that it would benefit the
highways and improve the public health and would be
of public utility and that the costs, damages and
expenses would be less than the benefits to the
owners of the lands benefited by the proposed drain-
age.

The Engineer and Viewers estimate the benefits
to be twenty-five (25%) percent greater than the
assessments.

The Surveyor determined that said drain should

*show the map with original ditch
we have no record of it*

20 88.0 88.10 0.90 "

24

BE AN OPEN DITCH OVER THE FOLLOWING ROUTE, TO-WIT:-

"Commencing 137 feet West and 289 feet North of the Southeast corner of Section 32; Township 20 North; Range 6 East, at a point 15 feet West of the West right-of-way line of State Road No. 13; thence Westerly and Northerly following the open ditch to the Anderson and Stratton Road."

INGRESS AND EGRESS

The contractor shall have the right of ingress and egress to all lands along the proposed ditch during the construction for the purpose of delivering and removing tools, workmen, etc. necessary to construction.

CONNECTION OF EXISTING PUBLIC OR PRIVATE DRAINS

At all points where public or private drains are cut by the construction of this ditch, the contractor or superintendent in charge shall connect the same to the new project in such manner that it will be acceptable by the Engineer.

TIMBER, SHRUBS AND TREES

All timber, shrubs and trees standing within 25 feet of any part of the tile drain shall be cut and removed or deadened.

FENCES

Any fence within the right of way of the ditch shall be removed, in a careful manner, by the contractor, but he shall not be required to replace same.

HEADWALL & CATCH BASIN

When shown on the plans, a concrete headwall shall be constructed on the outlet end of the tile with a concrete apron; and catch basin where shown on the plans. The concrete used in the headwall and apron and catch basin shall be 1-2-3 mixture, washed gravel and sand, requiring 1.50 barrels cement, 0.42 cubic yards sand and 0.63 cubic yards gravel for one cubic yard of rammed concrete.

CORRUGATED PIPE

Corrugated pipe shall meet the State Highway Specifications.

0	09.0	09.10	0.90	
	09.2			

TILE DRAINS

DESCRIPTION

This item shall consist of drain tile having the inside diameter indicated on the plans, laid in a trench and back-filled as specified herein, and conforming in all respects to the line and grade shown on the plans or established by the Engineer.

MATERIALS

The drain shall conform to the requirements of Extra Quality Drain Tile Specifications found in these specifications.

CONSTRUCTION METHODS

The methods of construction shall conform to the following requirements.

EXCAVATION

The trench shall be excavated beginning at the outlet and proceeding toward the upper end, true to line and grade required. Trenches shall be of sufficient width to provide free working space on each side of the tile and also to permit the ramming of the backfilling around the tile. The bottom of the trench shall be shaped to conform to the outside diameter of the tile so as to give full support to the lower one-third ($1/3$) of each tile. If the excavation has been made deeper than necessary proper bearing shall be secured by means of a layer of suitable material thoroughly tamped into place and properly shaped.

LAYING TILE

The tile shall be carefully laid in the prepared trench starting at the outlet and proceeding toward the upper end, true to line and grade. The joints between sections shall be made as tight as practicable by turning the section until the ends fit tightly together. All joints which do not close with less than one-quarter ($1/4$) inch opening shall be covered with broken pieces of tile. Each section shall have a firm bearing throughout its length.

In water, sand, muck and other unstable soils, where directed by the Engineer, the tile shall be laid on boards not less than ten (10) inches wide and one (1) inch thick and ten (10) feet long. The joints shall be covered with tar paper and broken pieces of tile and the entire joint covered with firmly tamped clay.

BACKFILLING

The backfilling around the tile and for one (1) foot over the tile shall be carefully placed in six (6) layers and thoroughly tamped with proper tools so as not to injure or displace the tile. The balance of the trench shall then be backfilled with sufficient material to meet the required grade after settlement.

CROSSING PUBLIC HIGHWAY

Where the drain crosses a public highway there shall be constructed over the drain tile a slab of 1-2-3 mix concrete, six (6) inches thick and extending down on each side of said tile one-third ($1/3$) its diameter or corrugated culvert pipe of the same capacity as the tile at that point.

DRAIN TILE SPECIFICATIONS

The ditch shall be constructed of 15/16 inch tile.

The drain shall be of the class known as Extra Quality Drain tile and shall be made of shale, clay or concrete.

The shall be of first grade and the method of manufacture shall be as to insure uniformity of quality.

CRUSHING STRENGTH & ABSORPTION

Drain tile shall conform to the minimum requirements for strength and absorption as given in American Society for Testing Materials, Designation: C 4-24.

ADDITIONAL PHYSICAL CHARACTERISTICS

In addition to the requirements heretofore specified, the drain tile shall have the following requirements:

1. Allowable variations of average diameter below specified diameter 3%.
2. Allowable variations between maximum and minimum diameters of the same tile or average diameter of adjoining tile, percentage of thickness of wall 75.
3. Allowable variations from straightness, percent of length 5.
4. Allowable thickness of exterior blisters, lumps & flakes, which do not weaken tile and are few in number, percentage of thickness of wall 80.
5. Allowable diameter of above blisters, lumps and flakes, percentage of internal diameter 15.

VISUAL INSPECTION

All drain tile shall be given a visual inspection to cull and reject imperfect individual tiles and to determine whether the tiles, independantly of the physical requirements, comply with the specifications of general properties as stated below.

1. Shape: All drain tile shall be of approximately circular cross-section. They shall be approximately straight and their ends shall be so regular and smooth as to readily admit of making close joints by turning and pressing together adjoining tiles.
2. Normal Size: The size of the drain tile shall be designated by their internal diameters.
3. Minimum Length: Drain tile smaller than 18 inches shall have a minimum length of 18 inches. Tile from 18 to 30 inches in diameter, inclusive, shall have lengths of not less than the diameters.
4. Structure: The Drain tile shall be substantially uniform in structure throughout and this property shall be investigated by examining fractured surface.
5. Ring: The tile shall give a clear ring when stood on end and tapped with a light hammer.
6. Inside Smoothness: Drain tile shall be reasonably smooth on the inside.
7. Cracks, Checks, Chips and Broken Pieces: Drain tile shall be free from checks and chips extending into the body of the tile in such a manner as to decrease the strength appreciably. Tile shall not be chipped or broken in such a manner as to decrease materially or admit earth into the drain.
8. Hardness: All drain tile shall be sufficiently hard burned

20	82.0	82.10	0.90	"	24
	82.2				

Page
Drain File
Specifications.

to afford the degree of supporting strength, resistance to freezing and thawing and percentage of absorption as specified herein.

SAMPLES

SAMPLES AND TESTING

Not more than 0.5 percent of each lot shall be furnished by the Contractor or manufacturer for tests, except that the number tested shall not be less than 2. Such facilities for testing shall be provided as may be required by the Engineer.

The ordinary supporting strength shall be determined by the "Three-Edge Bearing Method" as specified in A.A.S.H.O. Method of Test, T-34.

Absorption shall be determined by the method specified in A.A.S.H.O. Method of Test T-34.

PAYMENT

No partial payment shall be made to the Contractor in excess of 75% of the portion of such ditch from time to time completed, and full payment shall not be made until the Surveyor has accepted the completed project and the contractor has filed with the Surveyor an affidavit that all bills have been paid in full.

20	89.0	89.10	10.00	*	24
	82.2				

SPECIFICATIONS FOR OPEN DITCH

The ditch shall be built by some type of machine which will construct the ditch according to the plans and specifications, and to the approval of the Engineer in charge of the work.

The top width is calculated on a side slope of one to one horizontal, to one foot vertical and is to be maintained as nearly as possible with the type of machine used.

The bottom width to be as specified on cut sheets and blueprints.

All excavation shall be placed on either side of the ditch as directed by the Engineer and shall not be nearer than 5 feet from the edge of the bank.

Dirt removed from the ditch is to be distributed on either side of the ditch as directed by the Engineer and shall be levelled to a depth not exceeding one foot. *Slope not exceeding 1 ft vertical to 5 ft horizontal*

Openings shall be left in the spoil banks for tributaries, surface drainage, farm crossings and at such other points as may be designated by the Engineer. All side ditches at the highways shall be left open so as not to impede road drainage. Excavated materials shall not be deposited within the right-of-way of any highway.

Where the new channel crosses the old ditch the excavated material shall be deposited on the down side of the new channel so as to effectually close the old channel and prevent flow from the new channel into it. The upstream side of the old channel shall be left open.

All timber, roots, underbrush, etc, shall be cut and

80	89.0	89.10	0.90	"	
	92.2				

removed for a distance of 25 feet from the edge of the bank as directed by the Engineer. Excavated material shall not be deposited on the logs, roots, brush, etc. The removal of logs, roots, brush, etc., is included in this contract and it is the contractor's obligation to remove same before the dredging operations.

The contractor shall have the right of ingress and egress to all lands along this proposed ditch during the construction thereof for the purpose of delivering and removing tools, machinery, fuel, materials or workmen necessary in the construction of this drain.

The contractor shall have the right to remove in a careful manner any and all fences which cross the right-of-way of this ditch, and any other fences which are in the way of the construction, but the contractor will not be required to replace such fences.

Where pipe lines or service lines of any description cross said ditch the owners of the same shall remove them at their own expense upon notice from the contractor to do so.

The work shall be constructed according to these plans and specifications, which together with the accepted bid shall be considered a part of this contract.

These plans and specifications contemplate a complete project and any errors or omissions in the plans or specifications shall not release the contractor from completing the project in all its detail.

No partial payment shall be made to the contractor in excess of 75 percent of that portion of such ditch from time to time completed, and full payment will not be made until the Surveyor has accepted the completed project and the contractor has filed with the Surveyor an affidavit that all bills have been paid in full.

20	89.0	89.10	0.00	"	24
	82.2				

The Surveyor estimates the cost of the Lincoln
Smith, et al, ditch to be as follows:

EXCAVATION:

1,472 cubic yards - machine -----	} - \$ 736.00
20 cubic yards - hand -----	

CONCRETE:

4.5 cubic yards -----	225.00
10 ft. - 18" corrugated culvert pipe, 16 gauge -----	16.00
800 lineal feet clearing -----	100.00

TILE REPAIR:

100 lineal feet, as directed by the Engineer -----	100.00
---	--------

Total \$ 1,237.00

The following is a list of lands the Commissioners
consider benefited, together with the names of the
owners, description and assessment of each tract of
land.

The following is a tabular statement giving the number of stations, surface elevations, grade elevations, cuts, the number of cubic yards of dirt excavation per station, and the location and elevations of all Bench Marks.

20	89.0	89.10	0.00	"	24
	88.2				

Station	Surface Elevation	Grade Elevation	Cut	Bottom Width	Top Width	Cubic Yards
B.M.	100.00					
			Northwest corner South abutment bridge, East on County line road.			
0	92.83					
	96.40	92.10	4.30			
	98.00					
1	95.9	91.90	4.00	8' Bot.		101
	97.4					
2	97.5	91.70	5.80	"		129
3	95.9	91.50	4.40	"		157
4	95.7	91.50	4.40	"		104
5	95.2	91.10	4.10	"		102
6	94.4	90.90	3.50	"		85
7	94.4	90.70	3.70	"		75
8	93.8	90.50	3.30	"		72
9	93.7	90.30	3.40	"		68
10	93.4	90.10	3.30	"		68
11	92.7	89.90	2.80	"		60
12	91.9	89.70	2.20	"		65
	92.9					
13	91.5	89.50	2.00	"		70
	94.1					
14	91.5	89.30	2.00	"		83
	93.5					
15	90.7	89.10	1.60	"		75
	93.6					
16	90.2	88.90	1.30	"		45
	94.0					
17	89.8	88.70	1.10	"		25
	92.1					
18	89.5	88.50	1.00	"		20
	92.3					
19	89.4	88.30	1.10	"		23
	92.1					
20	89.0	88.10	0.90	"		26
	92.2					

Station	Surface Elevation	Grade Elevation	Out	Bottom Width	Top Width	Cubic Yards
21	89.2	87.90	1.30	5' Bot.		17
	91.1					
22	88.3	87.70	0.60	"		3
	90.1					
23	87.5	87.50	0.00			
	89.2					
23-58	87.4					
	92.0					
E.M.	94.52			SW corner South handrail Bridge		

The Surveyor estimates the cost of the Lincoln Smith, etal, ditch to be as follows:

EXCAVATION:

1,472 cubic yards - machine -----	} - \$ 738.00
20 cubic yards - hand -----	

CONCRETE:

4.5 cubic yards -----	285.00
10 ft. - 18" corrugated culvert pipe, 16 gauge -----	15.00
800 lineal feet clearing -----	150.00

TILE REPAIR:

100 lineal feet, as directed by the Engineer -----	100.00
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Total \$ 1,237.00

The following is a list of lands the Commissioners consider benefited, together with the names of the owners, description and assessment of each tract of land.

LINCOLN SMITH DITCH

		Sec	Tot	Rank	Acres	Front	\$	Cts.
Aldred, Millie F.	Part of the NE $\frac{1}{4}$ of	3	19	6	40.		100.	00
"	(Deed Record 272, page 392)							
"	9 acres off the North side							
"	of the E $\frac{1}{2}$ of the NW $\frac{1}{4}$ of the							
"	SW $\frac{1}{4}$ of	3	19	6	9.		22.	50
"	(D.R. 272, page 392)							
Anderson, George R.	10 acres out of the NE $\frac{1}{4}$ of							
"	the NW $\frac{1}{4}$ of ground described							
"	in Deed Records 192, pages							
"	294 and 282, page 443	4	19	6	10.		25.	00
Busby, Wm. F. and Lillie	3 acres off the South side							
"	of 30 acres in the NE $\frac{1}{4}$ as							
"	described in D.R. 183, page							
"	316	3	19	6	8.		20.	00
Edwards, William C. and Mae R.	71.71 acres in the North half							
"	of the NW $\frac{1}{4}$ as described in							
"	D.R. 279, pages 509 & 510,							
"	except 22 acres off the							
"	South side	4	19	6	49.71		124.	25
(GARRETSON - PAGE 3)								
Girton, Winnifred	17 acres off the North side							
"	of the NW $\frac{1}{4}$ of the NW $\frac{1}{4}$ of	4	19	6	17.		42.	50
"	(D.R. 231, page 133)							
Goldsberry, Floyd	19 acres off the South end							
"	of 23.23 acres as described							
"	in D.R. 252, page 242 in							
"	the Southwest quarter of	33	20	6	19.		47.	50
Oliver Goldsberry, Stitzer C.	10 acres off the South end of							
"	a strip of ground described							
"	in D.R. 144, page 499 in							
"	the Southwest quarter of	33	20	6	10.		25.	00
"	11.5 acres off the South side							
"	of 19.23 acres as described							
"	in D.R. 109, pages 512 and							
"	D.R. 129, page 578 in the							
"	SW $\frac{1}{4}$ of the SE $\frac{1}{4}$	33	20	6	11.5		28.	75

		Section	Town	Range	Acres	Hund.	Assessment
							\$ Cts.
Heiny, Arna L. and Doris G.	7 acres off the South end of a strip of ground 13.6 rods by 129.4 rods, lying South of the Perkinsville Road as described in D.R. 260, pages 545 & 546 in the SW $\frac{1}{4}$ of	33	20	6	7.		17.50
"	12 acres off the South side of 18.25 acres as described in D.R. 271, pages 432 & 433 in the Southeast quarter of	33	20	6	12.		30.00
Layton, Angus C. et al, lf est.	NW $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$	3	19	6	10.		25.00
Hills, Earl R.	11 acres off the North side of the W $\frac{1}{2}$ of the NW $\frac{1}{4}$ SW $\frac{1}{4}$ (D.R. 112, page 259)	3	19	6	20.		50.00
Schuyler, Thos. R.	Part of the SE $\frac{1}{4}$ NE $\frac{1}{4}$	4	19	6	4.		10.00
"	NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$	4	19	6	10.		25.00
"	6 acres out of the Northwest corner of the SW $\frac{1}{4}$ of the NE $\frac{1}{4}$	4	19	6	6.		15.00
Simmerman, Willis G.	NE $\frac{1}{4}$ NE $\frac{1}{4}$	4	19	6	50.21		125.55
"	NW $\frac{1}{4}$ NE $\frac{1}{4}$	4	19	6	50.21		125.55
"	Part of the South half of the NE $\frac{1}{4}$, except 8 acres out of the SW corner of	4	19	6	35.		82.50
Smith, Lincoln	NE $\frac{1}{4}$ NE $\frac{1}{4}$	3	19	6	52.6		131.50
"	NW $\frac{1}{4}$ NW $\frac{1}{4}$	3	19	6	52.6		131.50
"	Part of the SE $\frac{1}{4}$ NW $\frac{1}{4}$	3	19	6	35.82		89.05
"	NE $\frac{1}{4}$ of the SW $\frac{1}{4}$ except 8 acres out of the SE corner	3	19	6	32.		80.00
Smith, Richard and Valma M.	Part of the NW $\frac{1}{4}$ as described in D. R. 251, page 251	3	19	6	44.35		110.85
Turner, Joseph W. and Golda	35 acres off the North end of 40 acres as described in D.R. 258, pgs. 29 & 30 in the NE $\frac{1}{4}$ of	3	19	6	33.		82.50

			Sec.	Town	Range	Acres	Hund.	\$	Cts.
Willits, Fred W.	30 acres out of the SW $\frac{1}{4}$ corner of 140.3 acres out of the SE $\frac{1}{4}$ lying South of the Perkinsville Road in		33	20	6	50.		75.00	
Garretson, Margaret	SW $\frac{1}{4}$ SW $\frac{1}{4}$		33	20	6	40.		100.00	
Madison County Road Dept.	County road between	32	4	19	6			5.00	
State Highway Dept.	State Road No. 13 between the North part of Section and		4	19	6				
	and		5	19	6				
	and the So. part of	32	33	20	6			5.00	