

Drain: WEBB & WINDERS Drain #: 74
 Improvement/Arm: _____
 Operator: J. WINDERS Date: 8-18-04
 Drain Classification: Urban/Rural Year Installed: 1900

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. Winders

J. Winders

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**Gasb 34 Footages for Historical Cost
Drain Length Log**

Drain-Improvement: WEBB & WINDERS

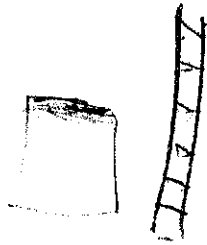
Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
TILE -	15"	1100'	1100'		5 ⁰⁰ /lf	5500 ⁰⁰
	18"	1000'	1000'		6 ⁵⁰ /lf	6500 ⁰⁰
OPEN DITCH	-	4300'	4300'		19 ⁵⁵ /lf	84,065 ⁰⁰
TILE - ARM 1	12"	1100'	1100'		4 ⁰⁰ /lf	4400 ⁰⁰
	14"	700'	700'		4 ²⁵ /lf	2975 ⁰⁰
	15"	700'	700'		5 ⁰⁰ /lf	3500 ⁰⁰
	16"	1610'	1610'		5 ⁵⁰ /lf	8955 ⁰⁰
	18"	50'	50'		6 ⁵⁰ /lf	325 ⁰⁰
TILE - ARM 2	8"	100'	100'		2 ⁰⁰ /lf	200 ⁰⁰
	10"	100'	100'		3 ⁰⁰ /lf	300 ⁰⁰
	12"	150'	150'		4 ⁰⁰ /lf	600 ⁰⁰
	15"	776'	776'		5 ⁰⁰ /lf	3880 ⁰⁰
TILE - ARM 3	12"	270'	270'		4 ⁰⁰ /lf	1080 ⁰⁰
TILE - ARM 4	10"	500'	500'		3 ⁰⁰ /lf	1500 ⁰⁰

Sum: 12,456' 12,456' \$123,680⁰⁰

Final Report: _____

Comments:

Office



ENGINEERS and VIEWERS REPORT OF
the
DOYLE WINDERS and E.T.A.L. DRAIN.

Oct. 1944

FILED

OCT 11 1944

A. Joseph Baker
Clerk Hamilton
Circuit Court

Set for hearing Nov. 14, 1944

April Term
HAMILTON CIRCUIT COURT
1944- A 5152.

STATE OF INDIANA) SS
HAMILTON COUNTY)

IN THE MATTER OF THE PETITION
OF DOYLE WINDERS
ESTAL FOR REPAIR AND RECONSTRUCTION
OF THE MARCUS WEBB DRAIN.

The report of the viewers was favorable and was filed. Report of R.D.Horney, County Surveyor, who was appointed to supervise the construction of above drain, would respectfully report that he has made a survey of the above drain and did proceed and definitely determine the best and cheapest method of drainage, the terminaland route, location character of the proposed work, and fix the same by metes and bounds courses and distances and descriptions, including grades and beach marks, including all necessary arms, estimated the cost thereof, divide the drain or ditch into sections of not more than one hundred feet in length, and computed and set out the number of cubic yards of excavation in each section assessed the benefits or damages as the case may be, to each sepearate tract of land in the water shed to be affected therby, and to easements held by railways ot other public or private corporations, or town includ- ingany land rights, easements, or water power, injuriously or beneficially affected, and do make report to the court under oath.

LOCATION.

1 mile south, $5\frac{1}{2}$ miles east of Arcadia
 $\frac{1}{2}$ mile east of Walnut Grove School House
Begin 300 ft East, 16 ft. North of the S W corner of West $\frac{1}{2}$ of S. E. $\frac{1}{4}$ of section, 23-20-5 South and South Easterly ~~terminating into~~ Bear Creek near the S E corner N $\frac{1}{2}$ of S W $\frac{1}{4}$ Section 26-20-5.

REQUIREMENTS.

Relay approximately 100 ft 18" tile main ditch and 50 ft arm to fit junction box on north side of road. Construct junction box as per plans. Use 32 ft of 27" Bell type tile (State Highway Specifications) across road. South side road construct standard inlets as per plans.

Cut ditch and lay 27" extra quality drain tile to Sta 6x70- Construct Headwall as per plans.

Dig open ditch as indicated from Sta 6x70 to Sta 43x0 ot terminus into Bear Creek near the N W corner of S $\frac{1}{2}$ of S E $\frac{1}{4}$ Section 26-TP 20 N R 5. E Sta 43 to Sta 37- 6'-wide bottom

Sta 37 to Sta 20- 5' wide bottom

Sta 20 to Sta 6x75 4'-0 wide bottom

All banks slope $1\frac{1}{2}$ to 1

Sta 6x75 to 12x0 the exc. to be deposited in old channel to right and leveled for traffic.

Approx. Sta 7x20 10" tile to be extended to the open ditch and headwall constructed as per plans.

All dirt to be leveled and deposited as indicated by Engineer. No dirt will need to be handled more than one operation.
 All shrubs, bushes and trees to be removed and piled so they can be burned. No shrubs or bushes to be covered with excavation.
 There is no large timbers to be removed. ~~where~~ channel follows old ditch, the Contractor shall take care of removing and replacing fences and replace in as good a condition as when removed.
 The tile portion of ditch shall be cut at least 6" larger than largest diameter of tile and rounded in bottom of ditch to fit the tile. Back filling to be tamped in and around the tile, no tile to be covered until approved by the Engineer or his authorized assistant.
 All tile to meet A.S.T.M. specifications. The tile under the road to be the same as State Highway Specifications for sewer pipe. Clay, shale or* concrete tile will be acceptable. (Extra Quality.)
 All concrete work to be 1-5 clean dipped gravel, 1 part cement and 5 parts gravel and sand. All excavation and forms to be built true to line and grade where the headwalls extend into banks. The excavation to be dug as near size as practical and no forms to be built but concrete to be poured into the excavated portions. To be sure of a perfect seal around the ends.
 All work to be done in a neat and workmanlike manner and must be approved and accepted by the Engineer or his authorized assistant. No portion of the work will be accepted as final until the job is completed.

The Contractor shall bid unite prices , per. lin. ft. each size of tile. Headwalls, Junction Boxes and Inlets.

Profile average cuts as per. stations.

Sta.	to sta.	Cut	Bottom	for tile
6+70	6+70	5.4	3 ft	bottom for tile
"	6+70 " "	11+85	" 6.4	4 " " New Cut. Open
"	11+85 " "	14 +00	" 5.2	4 " " old and new Cut
"	14+00 " "	20+00	" 4.9	4 " " Old and New Cut
"	20+00 " "	26+00	" 3.7	5 " " " " "
"	26+00 " "	31+00	" 3.2	5 " " " " "
"	31+00 " "	36+00	" 2.4	5.00 " " " "
"	36+00 " "	43+00	" 2.7	6.00 New Cut.

DOYLE WINDERS et al DRAIN

Sheet No 1

NAMES	DESCRIPTION OF LANDS	Section	Township	Range	Acres Assessed		Acres Benefited		Amount Of Benefits		Amount of Assessment		Total Assessment	
					A	Hun	A	Hun	\$	Cts.	\$	Cts.	\$	Cts.
Marianna Newby	Pt S.W. 1 N.E. 1/4	23	20	5	20		20				200.00		200.00	
George and Minnie Webb	Pt N.W. 1/4	23	20	5	110		110				1100.00			
Do	E. 1 S.W. 1/4	23	20	5	80		80				800.00		1900.00	
Samuel Berg	N.W. 1/4 S.W. 1/4	23	20	5	40		40				400.00		400.00	
Zula Berge	Pt S.W. 1/4 S.W. 1/4	23	20	5	20		20				200.00		200.00	
Chas O. House & Wife	Pt S.W. 1/4 S.E. 1/4	23	20	5	7		7				70.00		70.00	
Mary M. Holliday and Husband	Pt N.W. 1/4 S.E. 1/4	23	20	5	34		34				340.00			
Do	S.W. 1/4 S.E. 1/4	23	20	5	40		40				400.00			
Do	Pt NE 1/4 NW 1/4 NE 1/4	26	20	5	14.50		14.50				68.00		808.00	
Doyle Winders	Pt NW 1/4 NW 1/4 NE 1/4	26	20	5	25		25				250.00			
Do	S.W. 1/4 S.E. 1/4	26	20	5	40		40				160.00		410.00	
Etta Winders	N.E. 1/4 N.W. 1/4	26	20	5	40		40				160.00		160.00	
Julus J. Kepner & Wife	Pt W. 1/4 N.W. 1/4	26	20	5	49		49				196.00			
Do	S.E. 1/4 N.W. 1/4	26	20	5	40		40				160.00		356.00	
Donivan A. Click & Wife	Pt N.E. 1/4 N.E. 1/4	26	20	5	5		5				20.00		20.00	

NAMES	DESCRIPTION OF LANDS	Section	Township	Range	Acres Assessed		Acres Benefited		Amount Of Benefits		Amount of Assessment		Total Assessment		
					A	Hun	A	Hun	\$	Cts.	\$	Cts.	\$	Cts.	
							Carried Fwd						4524.00		
Walter Mausbaugh	Pt N.W. 1/4 S.E. 1/4	26	20	5	30		30					120.00			
Do	Pt N. 1/2 S.W. 1/4	26	20	5	25		25					100.00	220.00		
Hamilton Co Hwys	E. & W. bet	23 26	20	5								25.00			
Do	N. & S. "	22 23	20	5								25.00	50.00		
Total Assmt										\$		4794.00			

ESTIMATED COST OF CONSTRUCTION INCLUDING,

Material, labor, hauling, etc; necessary for completion of the work in accordance with the plans and specifications.

Change main ditch and arm to conform to new junction box as per plans			\$165.00
30'-Lin. ft 27" Bell Type Tile	@ \$2.60		78.00
1 piece 27" Tee	@ 13.00		13.00
640 Lin ft. 27" Extra quality tile	@ 1.65		1056.00
Excavate, lay tile and back fill			
402 cu yds Excavation	@ .70		281.00
Lay tile and back fill			67.00
1 J.Box			75.00
1 Headwall			100.00
Extend 10" tile and headwall and labor			34.40
			<hr/>
			\$1869.40
6000 cu yd. x2	@ .35		2100.00
			<hr/>
			\$3969.40
Atty Fees	\$150.00		
Recording and release	20.00		
Supt' Construction	150.00		
Advertising	50.00		
Contingency	327.60		
	<hr/>		
	\$697.60		697.60
Engineers and Helpers			107.00
Viewers Ison Ault 2days	\$10.00		
Fred Porter ""	10.00		
	<hr/>		
	\$20.00		20.00
			<hr/>
			\$4794.00

The estimate has been made and cost divided equally among the different lands and County Highways of Hamilton County affected. The assessment sheet attached. Attys fees, court cost, incidentals, viewers, engineers, helpers, mileage, stakes and Supt' of Construction.

A.D.Horney or his authorized assistant will have full charge of the work and no work shall be changed or diviated from , without his approval.

STATE OF INDIANA)
HAMILTON COUNTY) SS

I the undersigned Engineer to whom was referred the above entitled petition for Construction, after being duly appointed says that I have personally examined the whole line of proposed ditch, that the assessments herein made are correct, just and equitable to all concerned herein as interested, that no lands will be benefited or injured by said proposed drain and that the above and forgoing report is true in substance and in fact as I verily believe.

R D Horney

Approved

By R.D.Horney, Engineer

Subscribed and sworn to before me this *11th* day *October* 1944.

J. J. ...

Fred Porter

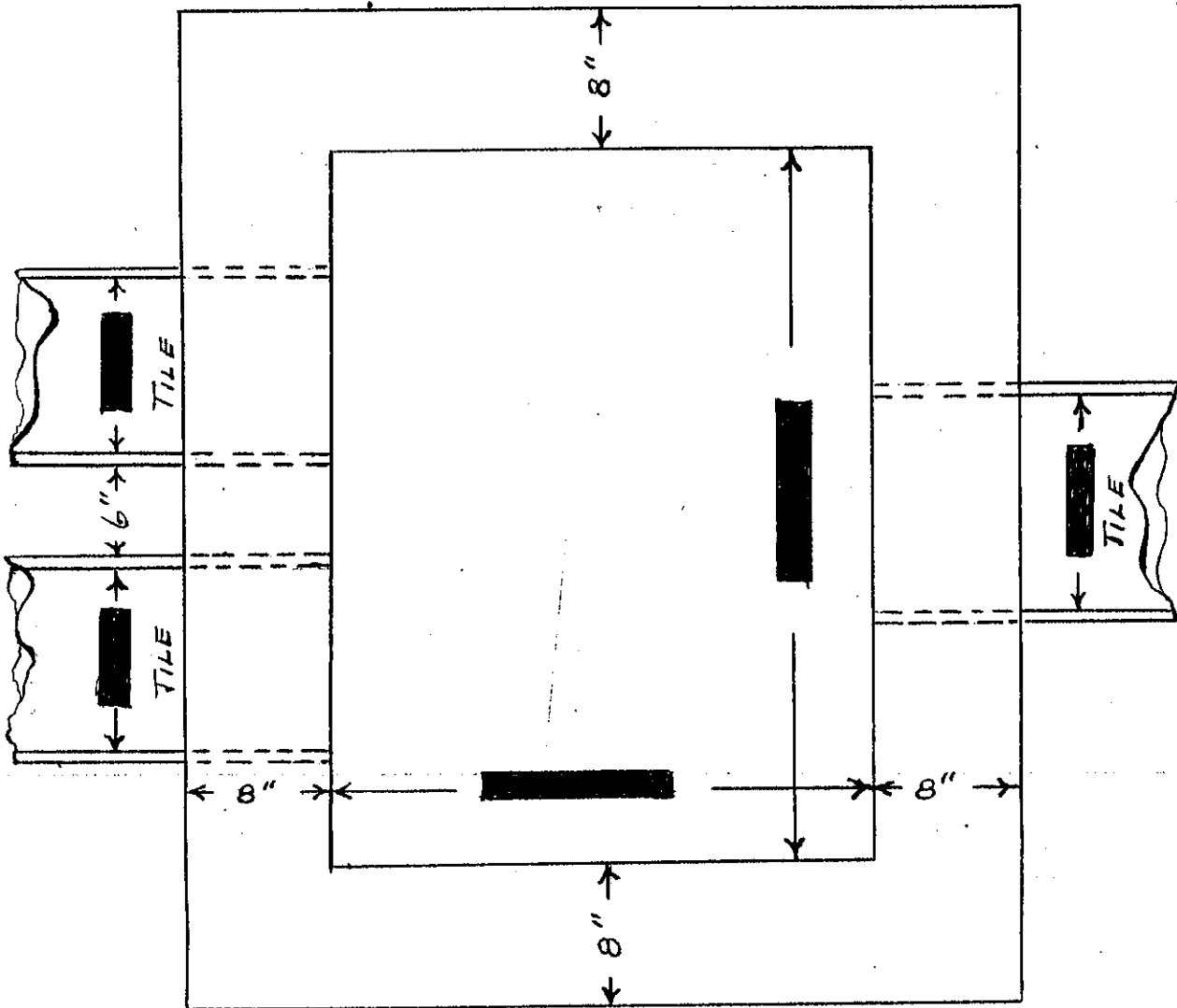
A. Joseph Baker

Clerk of the Circuit Court
Hamilton County.

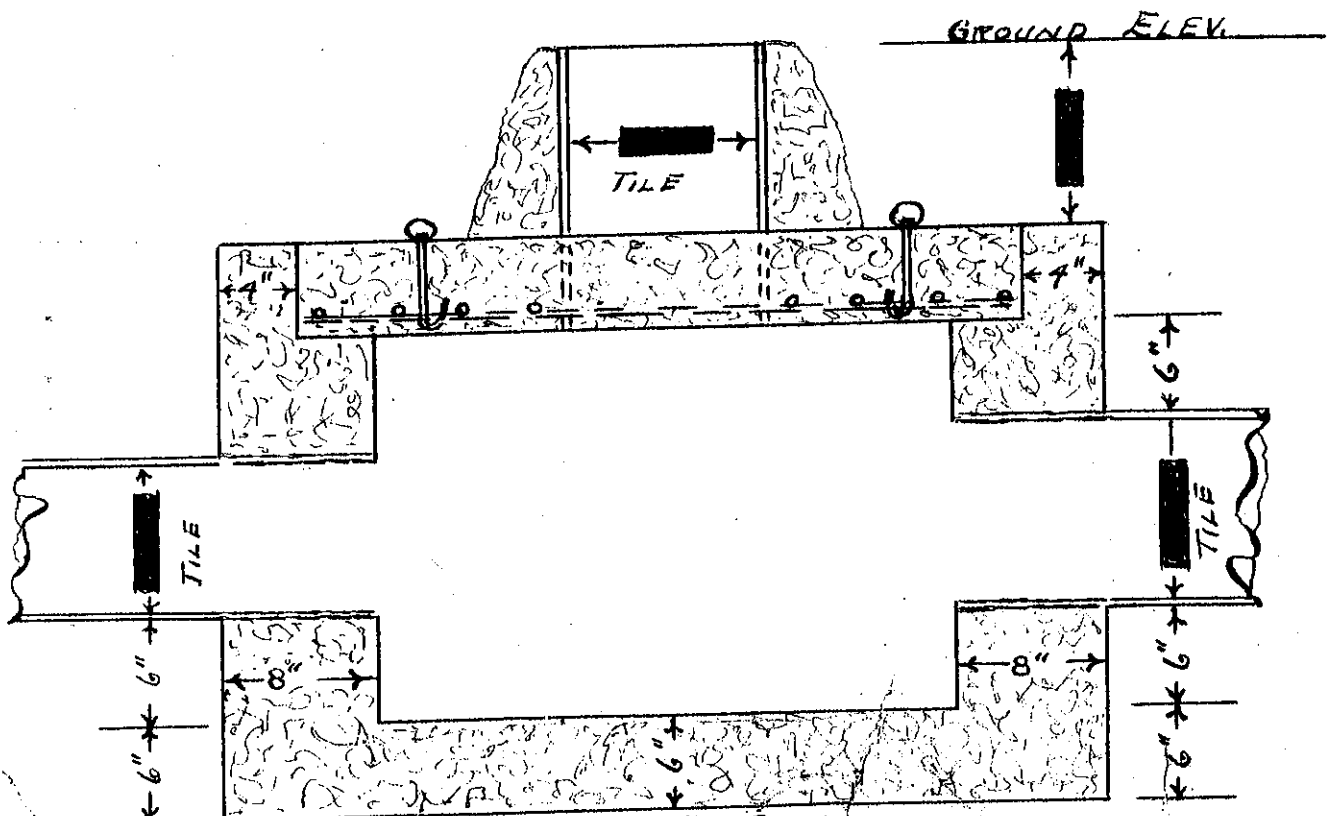
Viewers

(Authority)
Section 9----page 1174- 1175
Acts of Infiana General Assembly-1933.

JUNCTION BOX



PLAN



SECTION THRU.

No. *1*

IN THE MATTER OF

M. C. Webb Drain

Commissioners' Court
to July 20, 1900

James H. Carey

Report of Ditch Viewers.

COMMISSIONERS' COURT.

Report of Ditch Viewers
for the year 1900
to the Commissioners' Court
of Hamilton County, Indiana

Filed _____, 1900

E. O. B. 12 365' to 369'

Auditor.

Wm. B. Burford, Printer, Indianapolis. 500-2-25-'99.

E. O. B. 12-369

Viewers' Report of *Marcus C. Webb*

Ditch.

To the Honorable Board of Commissioners of

Hamilton

County, Indiana:

We, the undersigned, appointed by this Court, at its Term, 1900, to view a drain described in the certified copy of a petition and order of Court for a *Drain*, by *Marcus C. Webb* and others, handed us by the Auditor, would represent that according to said order we, on the day named therein, to wit: The *28th* day of *February*, 1900, in company with *J. A. Mitchell*, a civil engineer, made an accurate survey of the line of said proposed *Drain*, from its source to its outlet. A plat of said *Drain* is filed herewith, including the survey by the engineer, marked "Exhibit B." We caused stakes to be set along said line, each one hundred feet, numbering down stream, as shown by plat. We also made a computation of the total number of cubic yards of earth to be removed from said drain, and estimated the total cost for the construction of the work at *\$1595.58* Dollars.

We also apportioned and set apart to each parcel of land a share of said work in proportion to the benefits received, all of which will fully appear by a tabular statement in this report. We have also set out, by a statement below, the names of the owners of lands benefited, with a description of each tract of land, and the amount assessed against each tract. The depth of cut, the width at bottom, and width at top along said drain, is also shown in a tabular statement in this report. After a full and careful view and examination, we are of the opinion that the drain, as located by the survey, will be of public utility, and that the cost of the construction of the purpose of ditch will be less than the benefits to be derived therefrom; and that the proposed drainage can best be accomplished by a tile drain *and* four acres, with an outlet of an open drain. Main ditch to be tiled from stake 0 to stake 21; *and* from stake 21 to stake 42 the ditch consists of an open drain. For the *and* sizes of tile see page 3 of this report.

The following statement shows who are benefited, the lands thereof and assessments thereon, location, length of each share, amount of assessments, amount of benefits, amount of dirt to be removed from each share, price thereof per cubic yard, and total cost of each share:

NAMES OF OWNERS.	DESCRIPTION OF LANDS.	Section.	Township.	Range.	Acres Assessed.	Ft this Assessed.	Acres Benefited.	Ft this Benefited.	Amount of Benefits.	Amount of Assessments.	From Station.	To Station.	Feet Long.	Cubic Yards to be Removed	Price per Cubic Yard.	Cost of Construction of Share.
1 <i>J. H. Newby.</i>	<i>1/2 SW</i>	<i>NE</i>	<i>23</i>	<i>20</i>	<i>5</i>	<i>20</i>			<i>134 13</i>	<i>134 13</i>					<i>126 73</i>	<i>134 13</i>
2 <i>C. C. Jack Est.</i>	<i>1/4 NE</i>	<i>NW</i>	<i>23</i>	<i>20</i>	<i>5</i>	<i>15</i>			<i>32 19</i>	<i>486 07</i>					<i>466 02</i>	<i>486 07</i>
"	<i>" NW</i>	<i>NW</i>	<i>23</i>	<i>20</i>	<i>5</i>	<i>20</i>			<i>33 26</i>							
"	<i>" SW</i>	<i>NW</i>	<i>23</i>	<i>20</i>	<i>5</i>	<i>40</i>			<i>66 53</i>							
"	<i>" SE.</i>	<i>NW</i>	<i>23</i>	<i>20</i>	<i>5</i>	<i>40</i>			<i>354 09</i>							
3 <i>S. W. Bray.</i>	<i>NW</i>	<i>SW</i>	<i>23</i>	<i>20</i>	<i>5</i>	<i>40</i>			<i>72 96</i>	<i>78 33</i>					<i>74 12</i>	<i>78 33</i>
"	<i>1/4 SW</i>	<i>SW</i>	<i>23</i>	<i>20</i>	<i>5</i>	<i>20</i>			<i>5 37</i>							
4 <i>Joseph Orth.</i>	<i>NE</i>	<i>SW</i>	<i>23</i>	<i>20</i>	<i>5</i>	<i>40</i>			<i>232 84</i>	<i>268 25</i>					<i>233 86</i>	<i>268 25</i>
"	<i>SE</i>	<i>SW</i>	<i>23</i>	<i>20</i>	<i>5</i>	<i>40</i>			<i>35 41</i>							
5 <i>Marcus C. Webb.</i>	<i>NW</i>	<i>SE</i>	<i>23</i>	<i>20</i>	<i>5</i>	<i>40</i>			<i>268 25</i>	<i>536 50</i>					<i>507 94</i>	<i>536 50</i>
"	<i>SW</i>	<i>SE</i>	<i>23</i>	<i>20</i>	<i>5</i>	<i>40</i>			<i>262 88</i>							
"	<i>1/4 NW</i>	<i>NE</i>	<i>26</i>	<i>20</i>	<i>5</i>	<i>14.50</i>			<i>5 37</i>							
6 <i>Wm G. Parker.</i>	<i>1/2 NW NE</i>	<i>NE</i>	<i>23</i>	<i>20</i>	<i>5</i>	<i>5</i>			<i>2 15</i>	<i>2 15</i>					<i>2 04</i>	<i>2 15</i>
7 <i>James Ward.</i>	<i>1/4 SE</i>	<i>SE</i>	<i>23</i>	<i>20</i>	<i>5</i>	<i>7</i>			<i>6 44</i>	<i>6 44</i>					<i>6 10</i>	<i>6 44</i>
8 <i>John Webb</i>	<i>1/4 NW</i>	<i>NE</i>	<i>26</i>	<i>20</i>	<i>5</i>	<i>26</i>			<i>8 59</i>	<i>8 59</i>					<i>8 12</i>	<i>8 59</i>
9 <i>Henry M. Bangel</i>	<i>1/4 NE</i>	<i>NW</i>	<i>26</i>	<i>20</i>	<i>5</i>	<i>32</i>			<i>10 73</i>	<i>10 73</i>					<i>10 15</i>	<i>10 73</i>
10 <i>Wm Newby</i>	<i>NE SW</i>	<i>NW</i>	<i>26</i>	<i>20</i>	<i>5</i>	<i>10</i>			<i>10 73</i>	<i>10 73</i>					<i>10 15</i>	<i>10 73</i>
	<i>1/4 E 1/2 NW</i>	<i>NW</i>	<i>26</i>	<i>20</i>	<i>5</i>	<i>15</i>			<i>4 29</i>							
<i>Franklin Newby</i>	<i>1/4 NE</i>	<i>SE</i>	<i>22</i>	<i>26</i>	<i>5</i>											
11 <i>Hamilton County</i>	<i>Highway E & W.</i>	<i>Lot.</i>	<i>23</i>	<i>20</i>	<i>5</i>				<i>48 29</i>	<i>53 66</i>					<i>50 17</i>	<i>53 66</i>
"	<i>" A & S.</i>	<i>"</i>	<i>23</i>	<i>20</i>	<i>5</i>				<i>5 37</i>							

TABULAR STATEMENT OF ASSESSMENTS, BENEFITS, ETC.

TABULAR STATEMENT OF STATIONS, WIDTH, DEPTH, LENGTH, ETC.

Location	DESCRIPTION OF LANDS	Amount of Benefits	Amount of Assessments	From Station	To Station	Feet Long	Cubic Yards to be Removed	Price per Cubic Yard	Cost of Construction of Share	WIDTH AT TOP		DEPTH OF CUT		WIDTH AT BOTTOM		WIDTH OF CLEARING OR TIMBER	
										Feet	Inches	Feet	Tenths	Feet	Inches		
<u>Main Ditch</u>	Beginning at a point 585 feet south and 12 feet west of the center of section 23 township 20 north range 5 east 20th principal Meridian, running thence S 46 1/2° E. to stake 0+43, thence S 13° E. to stake 16, thence south 3 1/4° west to stake 21, thence S 22° W to stake 24+70, thence S 17° E. to stake 26+60, thence S. 31° W to stake 27+60 thence south 74° W to stake 29+20, thence south to stake 33+37 thence south 26 1/2° E to stake 36+30 thence south 49 1/2° E to stake 38+20, thence south 22° E. to stake 42 and terminating at a point 31 rods south and 2 1/2 rods east of the Southeast corner of the NE 1/4 of the NW 1/4 of Section 26 same township and range above named. Also four Arms as follows:																
<u>Arm No 1</u>	Beginning at a point 355 feet south of the southeast corner of the NE 1/4 of the NW 1/4 of Section 23. Tp. 20 north range 5 east, running thence S 51 1/2° E. to stake 4+15, thence S 23° E to stake 5+75, thence south 5° 51' to stake 8, thence south 37° W to stake 10, thence S 5° W to stake 20 thence south 36 1/2° E to stake 29+90, thence south to stake 37, thence south 51° W to 41+60 and terminating on Main ditch at stake 21 on said main ditch																
<u>Arm No 2</u>	Beginning 565 feet west and 150 feet south of the southeast corner of the NE 1/4 of the NW 1/4 of section 23 Township 20 north Range 5 east, running thence S 12° E to stake 5+50, thence south 46 1/2° E. to stake 11+26 and terminating in main ditch at stake 21 on said Main Ditch.																
<u>Arm No 3</u>	(Bray & Orth) Beginning at a point about 10 to 20 feet north of the Southwest corner of the NE 1/4 of section 23 township 20 north Range 5 east thence running east from stake 0 to stake 2+70 and terminating at stake 11 on main ditch and northward.																
<u>Arm No 4</u>	Beginning at a point about 1000 feet west of the center of Section 23 township 20 north range 5 east, running thence east 500 feet and terminating in Arm No 2 at stake 3+50 on said Arm No 2.																

The Viewers would further report that in our opinion it would be impracticable to allot said ditch for construction for the reason that we believe that the work can be quicker and better done and the cost of same greatly reduced. Therefore we would recommend that the same be sold by the Auditor as provided by law in such cases.

Main Ditch	GENERAL SPECIFICATIONS AND SUGGESTIONS.			
	The length of the ditch as located is	The fall of the established grade is	feet, from Station	to Station
	41200 feet	7 3/4	0	21
			21	22
			22	42
				3135 feet
				.75
				4.00

Requirements
 Said Main Ditch to consist of 1 row of 15 inch tile from stake 0 to stake 11 and 1 row of 18 inch tile from stake 11 to stake 21 and a stone retaining wall at Station 21. The remainder of ditch to be an open ditch 18 inch wide in bottom with side slopes to 1 or 45°. The tile portion of said ditch to be finished with 8, 2 ft x 2 inch cast glazed sewer tile and the last tile of same to be well imbedded in the wall.

Arm No 1 - to consist of 1 row of 12 inch tile from stake 0 to stake 11, - 1 row of 14 inch tile from stake 11 to stake 18 - one row of 15 inch tile from stake 18 to stake 25 and 1 row of 16 inch tile from stake 25 to stake 41+44, and 8- 2 ft x 18 inch sewer tile from 41+44 to 41+60. last one to be imbedded in same wall as mentioned on Main ditch.

Arm No 2. to consist of 1 row of 8 inch tile from stake 0 to stake 1 - 1 row of 10 inch tile from stake 1 to stake 2 - 1 row of 12 inch tile from stake 2 to stake 3+50 and 1 row of 15 inch tile from stake 3+50 to stake 11+26.

Arm No 3 - to consist of 1 row of 12 inch tile throughout

Arm No 4 - to consist of 1 row of 10 inch tile throughout.

All the Arms except No 1 & 2 to be connected by means of a drain tile connecting.

All tile used must be first class in every respect, laid in the ditch in a true line at the proper grade and joints well matched and shall be left uncovered until inspected by the engineer in charge, after being accepted by the engineer the tile must be covered by placing all the earth excavated in and over the line of the ditch. and where the ditch is the line of an open channel same to be filled to admit of cultivation over ditch. The open portion of ditch to be cut true to grade and side slopes to be dressed to the established slopes.

All timber to be deadened for a distance of 1 rod on either side of the tile portions of said ditch.

Arm No 1 The length of Arm No 1 as located is 4160 feet
 The fall of the established grade is 7 3/4 feet, from Station 0 to Station 5 is 1 foot
 " " " " " " 5 " " 41+60 " 6 3/4 "

Arm No 2.
 The length of Arm No 2 as located is 1126 feet
 The fall of the established grade is 1 3/4 feet from Station 0 to Station 11+26 is 1 7/10 feet

Arm No 3.
 The length of Arm No 3 as located is 270 feet,
 The fall of the established grade is 3 feet, from Station 0 to Station 2 is 2 feet
 " " " " " 2 " " 2+70 " 1 " drop into M.D. 25/100 "

Arm No 4.
 The length of Arm No 4 as located is 500 feet.
 The fall of the established grade is 3 3/4 feet, from Station to Station 5 is 3 feet drop in to Arm No 2. 23/100 "

Albert S. Hartley
 & B. Sherry Viewers

Subscribed and sworn to before me, this 10 day of March 1900
 Galen Studevant Auditor Hamilton County.