

**Source Document Log**  
**Source Document Discrepancy Log**

Drain: GRANT CAREY

Main/Arm Name	Document Name	Document ID	Info From Document	If Applicable	
				Document w/ Discrepancy	Description of Discrepancy
	VIEWERS' REPORT	3-28-1903			
	COMMISSIONERS' REPORT	54546 / 8-15-1933			
	WORK ORDER	W0-82-156			
	" "	W0-85-006			
	" "	W0-87-008			
	" "	W0-89-054			
	" "	W0-95-088			
	" "	W0-97-038			



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

Drain-Improvement: GRANT CAREY

Drain Type:	Size:	Length ( )	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
MAIN-TILE	8"	600'	600'		2.00/lf	\$1200.00
	10"	200'	200'		3.00/lf	\$600.00
	12"	300'	300'		4.00/lf	\$1200.00
	12"x2	4218'x2	4218'		4.00/lf	\$33744.00
	16"	1047'	1047'		5.50/lf	\$5758.50
	18"	3700'	3700'		6.50/lf	\$24050.00
	TOTAL	10065'				\$66552.50
BACK-TILE	12"x2	800'x2	800'		4.00/lf	\$6400.00
ARM1-TILE	8"	490'	490'		2.00/lf	\$980.00
ARM2-TILE	8"	600'	600'		2.00/lf	\$1200.00
	10"	500'	500'		3.00/lf	\$1500.00

Sum: 12455'    12455'    \$76632.50

Final Report: N/A

Comments:

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Hammer 54546

VIEWERS REPORT  
ON  
SHERM. CAREY'S  
PETITION TO REPAIR  
GRANT CAREY  
DRAIN.

RECEIVED FOR RECORD

To: 460 and of November  
A. D. 1933 at 4:30 P. M. and  
paid check no. 85 for \$19.50  
Fred L. Kinnaman  
Recorder Hamilton County

**FILED**

AUG 15 1933

F. J. Hines  
AUDITOR HAMILTON COUNTY

STATE OF INDIANA  
HAMILTON COUNTY

} 58

IN COMMISSIONER'S COURT.

IN THE MATTER OF THE PETITION

OF SHIMMAN CARNEY et. al.

FOR THE REPAIR OF THE GRANT CARNEY DRAIN

REPORT of Drainage Commissioners and Engineer,

To the Honorable BOARD OF COMMISSIONERS of HAMILTON COUNTY,

We the undersigned Commissioners of Drainage and the Engineer, to whom the

above entitled petition for Drainage of Certain lands in ... WHITE RIVER ..

Township, Hamilton County, Indiana, was referred.

We would respectfully report that we met in the Auditor's Office, on the 26th ..

day of June... 1933, qualified and proceeded to View said Drain and lands

affected thereby.

After a careful investigation of the condition of said Drain, we are of the opinion

that said Drain should be repaired and in a manner set out in this report and

that the same when completed will improve the public health and will reclaim

certain lands, and will be a public utility, and will benefit highways, also that

the cost of constructing, damages and expenses of effecting said Drain will be

less than the benefits to the lands effected by said Drainage.

That we definitely determined the best and cheapest method of effecting the

Drainage of such lands, we have fixed the route, location and character of said

proposed work and have fixed the same by metes and bounds, courses, distances,

descriptions and guides and Bench Marks, for a complete outlet for the Drainage

of said lands affected by said proposed work; that we divided the Ditch into

Sections of not more than 100 feet in length by setting stakes at each 100 feet.

*Geo. Bunker*

*John Hartley*

*Judge*

*July 11 1933*

*Geo. Bunker*

*South (county)*

STATE OF INDIANA  
HAMILTON COUNTY

} ss

IN COMMISSIONERS' COURT.

IN THE MATTER OF THE PETITION  
OF SHERMAN GARY et al.

*Geo Bardner and et al*

FOR THE REPAIR OF THE GRANT GARY DRAIN  
REPORT of Drainage Commissioners and Engineer,

*John Wartyler ditch*

*Judge of Circuit Court*

To the Honorable BOARD OF COMMISSIONERS of HAMILTON COUNTY,

to the undersigned Commissioners of Drainage and the Engineer, to whom the  
above entitled petition for Drainage of certain lands in ... WHITE RIVER ...  
Township, Hamilton County, Indiana, was referred.

*Jack Carr TP  
11 Pda formal  
2 April 1936*

We would respectfully report that we met in the Auditor's Office, on the 25th  
day of June, 1935, qualified and proceeded to view said Drain and lands  
affected thereby.

*Locations (insert)*

After a careful investigation of the condition of said Drain, we are of the opinion  
that said Drain should be repaired and in a manner set out in this report and  
that the same when completed will improve the public health and will reclaim  
certain lands, and will be a public utility, and will benefit highways, also that  
the cost of constructing, damages and expenses of effecting said Drain will be  
less than the benefits to the lands affected by said Drainage.

That we definitely determined the best and cheapest method of effecting the  
Drainage of such lands, (we have fixed the route, location and character of said  
proposed work and have fixed the same by notes and bounds, courses, distances,  
descriptions and guides and Bench Marks, for a complete outlet for the Drainage  
of said lands affected by said proposed work; that we divided the said lands  
Sections of not more than 100 feet in length by setting stakes at each 100 feet.

**LOCATION AND REQUIREMENTS.**

Begin at Station 13 plus 28 on the original line of Grant Carey Ditch Located in Northeast quarter of the Northeast quarter Section 30, Township 20 North, Range 3 East.

Said Ditch shall consist of One Row of 16 inch Tile to Station 23 plus 75. There shall be Junction Boxes Constructed at Station 13 plus 28 and Station 23 plus 75, 3'-0" X 4'-0" X 2'-6" with Reinforced Concrete Walls, top and bottom, with 6" Cast Iron Vent on Box at 13 plus 28.

Inspect and Repair Main ditch from Station 0 to 13 plus 28. Arms 1 and 2 from Station 0 to terminus to Main Ditch.

From Station 23 plus 75 Inspect and Repair Main Ditch to Station 63 plus 65. At Station 63 plus 65 to 100 plus 40 to Consist of One Row of 16" Tile from 100 plus 40 to 100 plus 65 Consist of One Row 18" Corrugated Pure Iron Pipe. From Station 70 to Station 71 plus 20 All Joints to be wrapped with 4 thicknesses of Burlap, then Cement with 1 to 2 Cement Mortar.

All trees and shrubs to be removed or deadened at least 25'-0" from each side of Center Line of Ditch, except from Station 70 to Station 71 plus 20.

There is one tree at Station 71 plus, to be removed.

From Station 92 plus to Station 95 plus on the Old Ditch, the 18" tile to be Relaid on grade of New Ditch.

The Bearings of Said New Construction are as Follows. From Station 0 to Station 11 follow course of Old Ditch.

Station 11 to Station 13 plus 28, North 76 degrees West. Station 13 plus 28 to Station 18 South 82 degrees 47 and 47 minutes West. Station 18 to Station 24, 5 degrees and 29 minutes Curve Left. Station 24 to Station 63 plus 50 follow Course of Old Ditch.

Station 63 plus 50 to Station 68 plus 91 North 75 degrees West. 591' 105°

Station 68 plus 91 to Station 71 plus 0 North 85 degrees and 33 minutes West. 209' 175.5°

Station 71 plus 0 to Station 73 plus 20 South 89 degrees and 48 minutes West. 250' 180.25°

Station 73 plus 20 to Station 80 plus 0 South 53 degrees and 12 minutes West. 470' 214.75°

Station 80 plus 0 to Station 84 plus 0 7 degree Curve Left. 400' 223.75°

Station 84 plus 0 to Station 92 plus 40 South 28 degrees and 54 minutes West. 840' 293°

Station 92 plus 40 to Station 100 plus 70<sup>65</sup> South 66 degrees West. 825' 204°

The Tile to be of First Class good Clear Hard Burned Clay Shale, or Concrete Tile, All to Conform to the A.S.T.M. Specifications.

*T. Start*  
The work will be staked out by the Engineer and his stakes must be carefully preserved and followed. The digging of each and every portion of the Ditch must be at its outlet, or its junction with another Drain towards its upper end. The Ditch to be dug along one side of the line of survey stakes, and sufficient distance <sup>there as</sup> from not to disturb them, and shall be dug in a straight and clean manner. In taking out the last draft the blade of the spade must not go deeper than the grade line. The Ditch must be dug accurately and true to the grade at the depth indicated by the figures given by the Engineer, measuring from the grade stakes. The laying of the tile must begin at the lower end and proceed upstream. The Tile must be laid as closely as practicable and in a line free from cracks, the pieces being turned about until the upper closes, unless there is sand or fine silt which is likely to run into the tile, in which case the lower edge must be laid alone and the upper side covered with clay or other material. When making turns or by other unavoidable reason a crack of one-fourth ( $\frac{1}{4}$ ) inch or more is necessary left, it must be securely covered with broken pieces of tile or by other indestructible material. Junctions with branch lines must be carefully and securely made.

After the tile have been laid and inspected by the Engineer or his representative, they must be covered with the earth excavated from the trench, or borrowed clay or soil, Where said trench does not afford sufficient material; And in no case less than two (2) feet in depth over the tile in New Cuts, and where said Drain is in an open channel the filling shall be to a depth of not less than Two (2) feet above the top of the tile, for the full width of Said channel, in no case must the tile be covered with sand without other material being first used, and in no case will boulders or heavy rock be allowed in the filling if they may in time come in contact with the tile.



The Ditch contractor must assume all risk from caving in of the Ditch, and when each drain is completed it must be free from sand and mud before it will be received and paid for in full. In case it is found impracticable, by reason of bad weather or other unlooked for trouble in digging the Ditch or properly laying the Tile, to complete the work ~~as~~ specified in the contract, the time may be extended as mutually agreed upon by the contractor and the Engineer.

The contractor shall use all necessary precautions to secure his work from injury while he is constructing the Drain.

All tile and material used in the construction of this drain and its tributaries thereto, included in the requirements of these specifications, shall be first class in every respect and subject to rigid inspection by the Engineer.

The Engineer shall have authority to lay out and direct the work, and to inspect and supervise the same during the construction and completion to see that it is properly done in accordance with the specifications and contract, and his instructions shall be fully carried out.

#### CONCRETE WORK.

Unless otherwise specified, all concrete work included in these specifications shall be a mixture of 1-2-3; One part Portland Cement, Two parts Sand and Three Parts Gravel.

The sand and gravel to be free from dirt, loam and other foreign matter.

The Cement, Sand and Gravel to be thoroughly mixed while dry until it presents an even shade of coloring throughout, then made into a moderately wet mortar, and be immediately placed in the forms for moulding the concrete into shape.

The forms for all concrete work shall be neatly constructed free from strong materials and shall be true to lines, dimensions and shape given for the different structures.

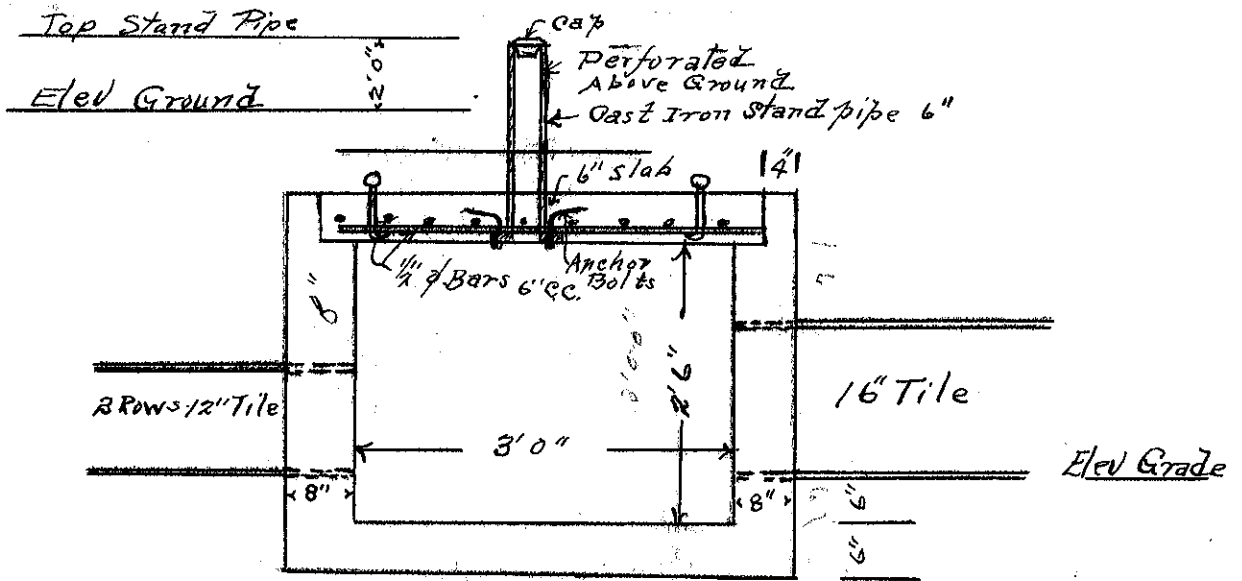
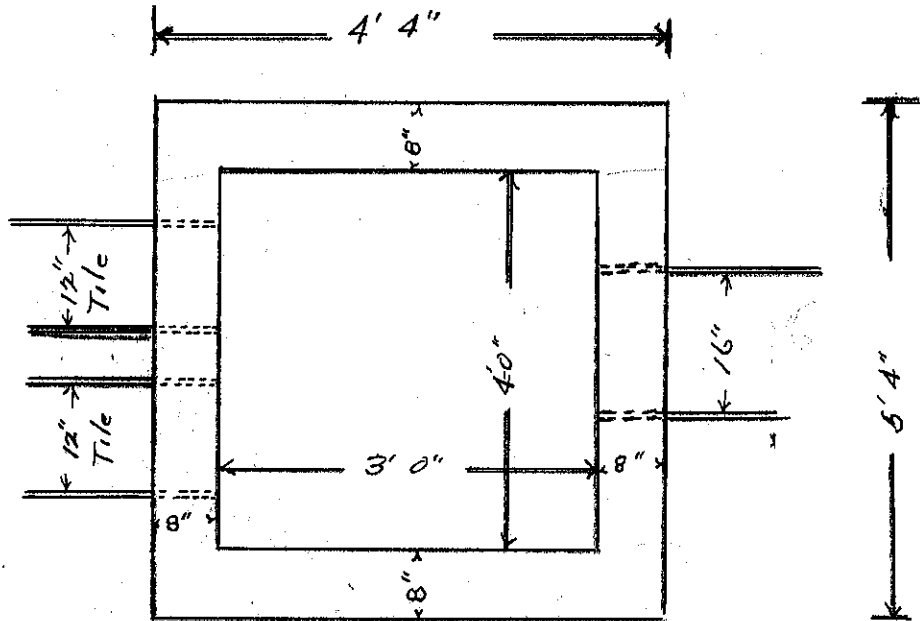
Sta.	Ground Cut,	Cu. Yds.
13 - 23	5.59	
14	5.41	27
15	6.18	44
16	6.30	45
17	5.22	40
18	5.54	38
19	5.06	30
20	4.92	25
21	5.17	25
22	5.42	26
23	5.54	41
23 + 75	5.54	32
63 - 50	4.27	
64	4.49	16
65	5.42	45
66	4.77	47
67	5.47	48
68	4.57	46
68 - 91	4.54	42
70	4.87	43
71	4.67	44
72	5.41	60
73	4.33	45
74	5.28	48
75	4.53	45
76	4.31	41
77	6.05	48
78	5.44	53
79	5.34	50
80	5.17	49
81	5.06	47

Sta.	Ground Cut,	Cu. Yds.
82,	4.64	45
83,	4.99	45
84,	4.60	44
85,	5.10	45
86,	4.95	47
87,	4.10	42
88,	4.70	41
89,	4.80	44
90,	4.90	45
91,	5.12	46
92,	4.95	47
93,	3.80	37
94,	6.25	46
95,	5.44	54
96,	4.04	44
97,	4.94	39
98,	5.19	44
99,	6.44	54
100,	6.54	62
100 - 70	4.60	46

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Grand Total  
Yardage 2139

# Junction Boxes



Estimate Cost of Construction including,  
 Material, Labor, Hauling etc., necessary for completion of the work  
 in accordance with the Plans and Specifications,

Station 0..... to Station 100+70	\$ .....
Station <i>Reprint</i> ..... to Station .....	\$ .....
Station <i>ARM NO 1</i> ..... to Station .....	\$ .....
Station <i>ARM NO 2</i> ..... to Station .....	\$ .....
Station <i>M NO 23+75 to 63+63</i> ..... to Station .....	\$ .....
Station .....	\$ 3745 <sup>00</sup>

Estimate expense, including,

Attorneys' Fee .....	\$ 1600 <sup>00</sup>
Recording & Releasing .....	\$ 175 <sup>00</sup>
Legal Printing .....	\$ 40 <sup>00</sup>
Superintendent of Construction .....	\$ 200 <sup>00</sup>
Court expenses etc., .....	\$ .....
Contingency fund, .....	\$ 100 <sup>00</sup>
<b>Total,</b>	\$ 5450 <sup>00</sup> 500 <sup>00</sup>

We claim for services, expenses & mileage, to Date for:

<i>Julian Deaney</i> ..... Drainage Commissioner	\$ 15 <sup>00</sup>
..... Drainage Commissioner	\$ .....
<i>Sam Cult</i> ..... Viewer, .....	\$ 15 <sup>00</sup>
<i>R. D. Hones</i> ..... Engineer & Helpers ...	\$ 6850 <sup>00</sup>
<b>Total,</b>	\$ 7850 <sup>00</sup>

Grand Total,

4358<sup>50</sup>  
 15<sup>00</sup>  
 -----  
 4343<sup>50</sup>

NAMES	DESCRIPTION OF LANDS	Section	Township	Range	Acres Assessed		Acres Benefited		Amount of Benefits		Am't of Assessment		Total Assessment	
					A	Hun	A	Hun	\$	Cts.	\$	Cts.	\$	Cts.
✓ Sherman Carey	W <sup>2</sup> NW SE	25	20	5	20	10		44	50	40				✓
	SE NE	25	20	5	40	40		440		400				✓
	N. Pt. NE SE	25	20	5	25	25		275		200			690	✓
Geo Ruge ✓ Leslie R Parker	E <sup>2</sup> SE SE	19	20	5	20	5		38	00	35			30	✓
✓ Wainwright Trust Co Guardian for Hendrix	N. Pt. NW SW	30	20	6	22.7	12		92	40	84			84	✓
✓ Mary F Alley														
✓ Myrtle Sprinkle	PT NE SW	30	20	6	40	10		77		70				✓
	Pt NW SE	30	20	6	10	5		38	00	35			105	✓
✓ Bert M Bryant	W <sup>2</sup> S <sup>2</sup> NW	30	20	6	80	80		880		800				✓
	Pt N <sup>2</sup> NW	30	20	6	40	40		440		400			1200	✓
<del>Wm T. Gamm</del>	<del>Pt SE SW</del>	<del>19</del>	<del>20</del>	<del>6</del>	<del>70</del>	<del>5</del>		<del>22</del>		<del>20</del>			<del>20</del>	
W <sup>2</sup> E Miller	Pt N <sup>2</sup> SE	19	20	6	80	5		22		20			20	✓
✓ Ora Z House	W <sup>2</sup> SE SE	19	20	6	20	17		130	90	119				
	SW SE	19	20	6	40	18		138	60	126			245	✓
✓ Albert H. Johnson	Pt NW SE	30	20	6	18.50	18.50		142	45	129	50		129	50
✓ Margaret Johnson	Pt W <sup>2</sup> SE	30	20	6	18.00	9		39	60	36			36	✓
Fern Johnson	Pt N SE SE	30	20	6	22	3		13	20	12			12	✓

NAMES	DESCRIPTION OF LANDS	Section	Township	Range	Acres Assessed		Acres Benefited		Amount of Benefits		Am't of Assessment		Total Assessment	
					A	Hun	A	Hun	\$	Cts.	\$	Cts.	\$	Cts.
C B Brown	SW SW NE	30	20	6	10		10		110		100		100	X V
Harry L Brown	N <sup>2</sup> SW NE	30	20	6	20		20		220		200			X
	Cent Pt E <sup>2</sup> NE	30	20	6	40		35		330	20	305		505	/
C S Brown	E <sup>3</sup> / <sub>4</sub> S <sup>2</sup> S <sup>2</sup> NE	30	20	6	30		20		154		140		140	X V
Clyde L House	N <sup>2</sup> NE NE	30	20	6	20		20		220		200			X
	NR NE	30	20	6	40		40		440		400		600	V
Curtis Collins Harry D Miller	1/4 N SE SE (Clark's grant section)	30	20	6	13	32	5		22		20		20	X V
M A Gunn	N <sup>2</sup> NE SE	30	20	6	19	98	8		35	20	32		32	X V
<del>G M Satch</del>	<del>Pt NR SW</del>	<del>29</del>	<del>20</del>	<del>6</del>	<del>20</del>									
Hamilton County Benefit to Highways														
	1- NYS E Line	25	20	5					27	50	25			
	1- ETR N "	30	20	6					55		50			V
	1- NYS W "	29	20	6					55		50		125	X
Emma Klearer	S <sup>2</sup> NE SE	25	20	5	15		15		115	50	100		105	X V
James E Keese	Pt NR NR	29	20	6	10		9		99		90		90	X V
J R Heck	SW NR SW	30	20	6	10		10		77		70		70	X V

494 1/4 479

STATE OF INDIANA }  
HAMILTON COUNTY } SS

We the undersigned Viewers and Engineer, to whom THE was referred the above entitled petition for report, after being duly sworn upon oath, say that we have personally examined the whole line of said proposed Ditch, that the assessments herein made and reported are correct, just and equitable to all parties herein as interested. That no other lands will be benefitted or injured by said proposed Drain, and that the above and foregoing report is true in substance and in fact as we verily believe.

*Silas Devaney*  
.....  
*Isom Cull*  
.....  
Viewers.

*R. D. Horney*  
.....  
Engineer.

Subscribed & Sworn to before me this 15<sup>th</sup> day of Aug. 1933

*A. J. Hines*  
.....  
Of Hamilton County.

**FILED**

AUG 15 1933

*A. J. Hines*  
AUG 15 1933



State of Indiana )  
                          ) S.S.  
Hamilton County, )

EXAMINED AND  
23 DAY OF Feb 37  
Basson m. Gresham

In the Matter of repair of the Sherman Carey drain  
a Commissioners Court drain # 54546 Filed Aug. 15 , 1933.  
To the Honorable Judge of the Hamilton Circuit Court.

Comes now Roy D. Horney County Surveyor and Sup't. of Construction of the Sherman Carey drain and asks for the authority to extend and repair a part of the Grant Carey , now known as the Sherman Carey drain.

There is a portion of the ditch that was not considered in the original petition that consists of 3 rows of 12 inch tile that continues to keep breaking down and causing considerable expense and inconvenience to the land owner .

I now ask your approval to use some of the money that will come in from the original assessment to extend these tile by buying some extra tile and using C.C.C. labor to do the work to take care of this emergency.

Very resp't.

Roy D. Horney. Supt. of Const.

Dated this 23 day of Feb. 1937.



No. ....

IN THE MATTER OF

Grant-Carey.

Ditch

Report Approved  
May 4 1903 and  
Ditch ordered constructed

Thos Huesey P.B.

Report of Ditch Viewers.

COMMISSIONERS' COURT.

Filed: ....., 1

*Charles Powell*  
Hawthorn Co.

MAR 23 1903

Auditor.

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

FILED

11 272



Viewers' Report of *Grant Carey* Ditch.

To the Honorable Board of Commissioners of *Hamilton* County, Indiana:

We, the undersigned, appointed by this Court, at its *March* Term, 1903, to view a drain described in the certified copy of a petition and order of Court for a *Ditch*, by *Grant-Carey Etal* and others, handed us by the Auditor, would represent that according to said order we, on the day named therein, to wit: The *19<sup>th</sup>* day of *March*, 1903, in company with *H.R. Findley*, a civil engineer, made an accurate survey of the line of said proposed *Ditch*, from its source to its outlet. A plat of said *Ditch* 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 *272.45* 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 convenience - a benefit - to Mrs. Robt. Highmeyer and that the cost of construction of the drain will be less than the benefits to be derived and said drainage can best be accomplished by the construction as described on page 283 of this report - Said Main Ditch is 9818 ft. in length - 9025 ft. of which is in place, and which is accepted as sufficient - and is made a part of this ditch said accepted part being from Sta 0 to Sta 9025 also including arms No 1 and 2.*

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:

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.	Location.	Width.	Length.	Acres Assessed.	Acres Assessed.	Acres Benefited.	Acres 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.
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Continued from page No 1

Commencing 27 Rods South of N.E. Corner of Sec 30 Sp. 20 Range 6 Thence West 700 ft.	Thence S 79° 30' W 300 ft. Thence West 10° 30' South 500 ft. Thence S 44° West 600 ft.															
" S 25° - W 100 "	" S 8° - West 600 "															
" S 33° W 300 "	" S 63° West 200 "															
" N 73° W 100 "	" N 43° West 350 "															
" N 70° W 200 "	" N 87° West 700 "															
" S 65° W 100 "	" S 30° West 360 "															
" N 73° W 550 "	" N 80° West 100 "															
" S 30° West 1800 "	" S 15°-30' West 300 "															

and terminating in Duck Creek about - the Middle of the N<sup>W</sup> 1/4 of the S E 1/4 Sec 25 Sp 20 Range 5 East.

Also an arm No 1. Commencing about 44 rods West of the N E Corner of Sec 30 - Sp. 20 R-6 E Thence S 16° East 400 ft. Thence S 30° West 90 ft. and terminating in the Main Ditch - at Sta 8

Also arm No 2. Commencing about 38 rods South of the N E Corner of Sec 30 Sp. 20 R. 6 E Thence West 80 ft. Thence N 68° West 300 ft. and terminating in Main Ditch at - Sta 11

The Main Ditch Licks at - Station 24450 and runs - thence S 30° West 600 ft. S 45° West 100 ft. Thence South 66° West 100 ft. Thence S 85° West 300 ft. and joins Main Line of Ditch again at - or near Sta 39

Viewers' Report of

Ditch.

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

STATIONS.	WIDTH AT TOP.		DEPTH OF CUT.		WIDTH AT BOTTOM.		WIDTH OF CLEARING OR TIMBER.
	Feet.	Inches.	Feet.	Tenths.	Feet.	Inches.	
<p>Said Ditch Consist. of one Row 8" Tile from Sta 0 to Sta 6. and one Row 10" Tile from Sta 6 to Sta 8 and one Row 10" Tile and one Row 12" Tile from Sta 8 to Sta 11. and two Rows - 12" Tile from Sta 11 to Sta 24+50 and from Sta 24+50 to Sta 92 to consist of two Rows - 12" Tile and one Row 18" Tile from Sta 92 to Sta 98+10 and one Row 18" Salt Glazed Iron Tile from Sta 98+10 to Sta 98+18 - or Formulas -</p> <p>Area No 1 Consists: one Row 12" Tile from Sta 0 to Sta 4+90</p> <p>Area No 2 Consists: one Row 8" Tile from Sta 0 to Sta 6. and one Row 10" Tile from Sta 6 to Sta 11.</p> <p>At Sta 92 on Main Ditch to be constructed a Catch Basin Dimensions 3'x4'x9" built from hard brick laid up with Mortar made from 1 part Portland Cement to 3 parts good sharp sand and said basin to be covered with Stone cover 3" thick and to be constructed so as to receive tile at proper grade below base of Basin</p> <p>At Sta 98+18 to be constructed Stone Retaining Wall built from laid rock or Hessian Leads laid up with mortar made from 1 part Portland Cement to 3 parts good sharp sand and said wall to be constructed so as to receive tile at proper grade 18" above base of wall. Dimensions 2'x5'x15'</p> <p>From Sta 90+25 to Sta 92 two rows - 12" Tile to be taken up and put down on new line of ditch.</p>							

GENERAL SPECIFICATIONS AND SUGGESTIONS.

The length of the ditch as located is Main Ditch - 9818 ft -

The fall of the established grade is	Main Ditch	ft. from Station	to Station	is	per 100 feet
"	"	0	33	"	16/100
"	"	33	65	"	23/100
"	"	65	71	"	37/100
"	"	71	84	"	50/100
The total fall is	foot to the	84	90+25	"	10/100
"	"	90+25	92	"	5/100
"	"	92	96	"	60/100
"	"	96	98+18	"	10/100

The length of Area # 1 is 490 ft - length of Area # 2 is 1100 ft -

All tile used in the construction of this ditch must be first class in every respect laid in ditch in a true line with joints well matched and at the proper grade and shall be left uncovered until inspected and accepted by Co. Surveyor. After they have been accepted they shall be covered with earth to a depth of 24" over the tile where the ditch runs in the old channel and where the ditch is new cut the trench to be filled full all trees and brush to be deadening for a distance of 1 rod on each side of ditch

We the Viewers would further report that we are of the opinion that it is impracticable to allot said ditch for construction for the reasons that we believe that the work can be better done and in less time to let the work to one contractor and we would recommend that the Auditor sell the same in accordance with the law made and provided in such cases -

George Keck  
 Clarence Bolip

Subscribed and sworn to before me, this 28 day of March, 1903  
 Auditor Hamilton County