

Record of

Strawbridge

Ditch Improvement No. 54

Petition

London Ohio Feby. 13 A.D. 1886

To the Honorable Board
of Commissioners of
Madison County Ohio }

The undersigned owners of lots and land which will be drained and benefitted by the improvement herein prayed for, hereby make application to your honorable body, and now file with the Auditor of said county, this, their petition, and now hereby pray for the location and construction of a ditch on the route herein after set forth.

The necessity for the location and construction of said ditch is that it will drain and reclaim the lands along the line thereof and adjacent thereto, and will promote the public health convenience and welfare. The following is the route and termini of said proposed improvement to wit: Commencing at the west side of of the township road at the intersection of the South line of the C. & N. railroad and the South line of John Shea's land; thence down the old water course crossing said township road into the land of A.S. Jones; thence in a South easterly course about 100 rods; thence in a South westerly course 60 rods to the North line of Mrs land; thence in a Southeasterly course across the land of Mrs Eliza J. Smith to the line of Stephen Phifer about 62 rods east of the township road aforesaid; thence along north line of said Phifer east about 20 rods; thence in a South easterly course about 40 rods; thence east about 60 rods to the west line of Mary E. Florence's land; thence in a South easterly course across the land of Mrs Florence to the line of the Samuel Hornbeck lands; thence on the line between the lands of Florence & Hornbeck south about 60 rods; thence in a South easterly course across the land of said Hornbeck to the old Xenia Road; thence crossing said road into the land of Robert P. Duncan; thence in a Southeasterly course across the lands of Robert P. Duncan and Landalia Strawbridge about 352 rods to the heading of the township ditch known as the Phifer Ditch or "Buff Canal"; thence down said ditch in a Southeasterly course about 12 rods to the line of Albert Phifer's land; thence across his land about 30 rods to the line of David Watson's land; thence in a Southeasterly course about 135 rods across the land of said Watson to the North line of Mrs A. Colburn's land; thence across Mrs Colburn's land with the present channel in a Southwesterly course about 154 rods to the N. E. line of M. M. Buffenbarger's line; thence across her land in a Southwesterly course about 100 rods;

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thence South 50 rods to the N.E. line of Mrs Eugene Crawford's land; thence across the land of said Crawford in a Southwesterly course about 135 rods to the crossing of Lincoln Pike by said ditch; thence across the west end of the land of Lizzie E. C.S. Maxey into the land of Margaret Shough; thence across the lands of said Shough in a Southwesterly course to where it intersects with Paint Creek on said lands, and that all of said ditch be tiled down to this point and that said Paint Creek be deepened, widened and straightened from thence in a Southerly direction with the Main Channel thereof across the said Shough's land to the land of M.M. Corbitt; thence across his land with the channel of said Paint Creek to the line of Martha Linson's land about 10 rods north of the north east corner of Selzer's land and the Southeast corner of the said M.M. Corbitt's land.

Lateral No 1 Begin at the west side of the township road in the line of John Shea's land, and about 5 rods north of the South west corner of A.S. Jones land; thence across the road with the old ditch to the corner of A.S. Jones and land of Eliza J. Smith in a Southeasterly course 30 rods to its intersection with the main ditch about 6 rods of the South line of A.S. Jones land.

Lateral No 2 Beginning at the end of a culvert on the old Xenia road, where a tile ditch comes out of the land of Mary E. Florence, thence crossing said road and across the land of Robert P. Dumeau with the old watercourse in a South easterly course to its intersection with the main ditch.

Lateral No 3. Beginning at the N.W. corner of what is known as the Peck farm on the land of Candalia Strawbridge; thence across the land of said Strawbridge and Robert P. Dumeau in a Southwesterly course to the main ditch about 55 rods South of the old Xenia road, also a lateral of this lateral; Beginning at the South end of a culvert on the Xenia road where a ditch crosses the road from the lands of S. Hornbeck; thence through the lands of Robert P. Dumeau south to its intersection with Lateral No 3.

Lateral No 4 Beginning at a large pond on the land of Robert P. Dumeau about 70 rods South of the old Xenia road; thence in an easterly course to the main ditch about 70 rods.

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Lateral No 1 Beginning on the lands of Mrs Joseph Plowman about 80 rods west of the farm barn at the heading of an old ditch, thence in a southeasterly course across the lands of Mrs Joseph Plowman about 200 rods, to the old Xenia road, about 28 rods east of the S.W. corner of Robert P. Dumeau's land; thence across the lands of Robert P. Dumeau and Caudalia Strawbridge in an easterly course about 300 rods to the main ditch. Also a lateral of said lateral, beginning about 4 rods north of an ash bush on the land of Mrs Plowman at the head of an old ditch; thence with said old ditch as now located in a southerly course 110 rods, more or less, to the intersection with said lateral No 1, about 40 rods south of the residence of said Plowman. Also enough lateral or branches to make complete drainage of the lands of said Mrs Plowman that drain into said lateral.

also

Lateral No 2 to said lateral No 1 beginning on line between the land of Caudalia Strawbridge (wood land) and Mary Phifer 15 acres tract about 20 rods south of the corner of said Mrs Strawbridge's land on north side of the Xenia road; thence across the lands of said Strawbridge in a southeasterly course with the natural waterway to the land of Robert P. Dumeau; thence across said land into the head of an old ditch in an old meadow; thence in an easterly course with said ditch to its intersection with said lateral No 1.

also enough laterals to said lateral to make complete drainage of the woodland of Mrs Strawbridge, also that there be enough laterals to main ditch and laterals located by the Engineer in charge of the work to make complete drainage of the land of Robert P. Dumeau.

Lateral No 6 Beginning at the center of a pond on the Peck land (owned by Mrs Strawbridge) 5 rods south west of an elm tree on the east bank of said pond; thence in a southwesterly course to another pond on the south line of the Peck, about 40 rods east of the S.W. corner of said land; thence south through the lands of Mrs Strawbridge to an old ditch, or as near as is practical in a S.E. course through the lands of Mrs Strawbridge, Albert T. Phifer and David Hatron to the main ditch about 25 rods south east of David Hatron's west line.

Also a lateral of said lateral, beginning at a pond on Albert T. Phifer's land known as the "Calamus Pond" thence in a southwesterly course into the land of Mrs Strawbridge; thence in a southerly course into said lateral No 6 a distance of about 60 rods, also enough lateral on the lands of said Mrs Strawbridge and Albert T. Phifer draining into said lateral to make complete drainage of the lands drained by them.

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Lateral No 7. Beginning at the north end of the 30-acre pond on the land of Albert J. Phifer known as the "Wild Goose Pond"; thence in a Southwesterly course as the old ditch is located across the land of said Phifer to the land of David Watson about 30 rods west of his N.E. corner; thence across the land of said Watson with an old ditch in a Southwesterly course about 65 rods to the main ditch, also enough lateral to make complete drainage of said pond and land drained by said lateral.

Lateral No 8. Beginning on the land of Robert P. Duceau near an elm tree marked "X" about 18 rods East of the Southeast corner of the timber land of Laudalia Strawbridge; thence in an easterly course about 120 rods across the land of M. M. Buffenbarger about 8 rods south of a corner of said Buffenbarger land; thence across the land of said Buffenbarger in an easterly and northeasterly course about 180 rods to the line of Laudalia Strawbridge land; Thence across the corner of her land and the land of Albert J. Phifer about 30 rods to the main ditch about 3 rods west

Lateral No 8 Beginning on the land of Robert P. Duceau near an elm tree marked "X" about 18 rods East of the South corner of the timber land of Laudalia Strawbridge; Thence in an easterly course about 120 rods across the land of said Robert P. Duceau to the land of M. M. Buffenbarger about 8 rods South of a corner of said Buffenbarger land; Thence across the land of said Buffenbarger in an easterly and northeasterly course about 180 rods to the line of Laudalia Strawbridge land about 17 rods west of her South east corner; Thence across the corner of her land and the land of Albert J. Phifer about 30 rods to the main ditch about 3 rods west of the line between said Albert J. Phifer and David Watson, also two or more laterals to said lateral on the land of Robert P. Duceau so as to make complete drainage of the land drained by said lateral.

Also enough laterals to be located by the Engineer in charge of the work, on the lands of Robert P. Duceau, Laudalia Strawbridge and Albert J. Phifer running into the main ditch and its main lateral to make complete drainage of said lands.

The main ditch and all laterals to be tiled with tiling of a suitable size to the intersections thereof.

If not ordered tiled to main Paint Creek then so much as is cut open to be cut one foot wide in the bottom with side slopes of two feet horizontal to one foot vertical.

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Name of Petitioners

Vandalia, Strawbridge By R. H. McCloud Her Atty.

A. S. Jones

John Shea

David Watson

Joseph Plowman

Robert P. Duncan By T. J. Duncan his Guardian.

A. S. Trifer.

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Bond.

Know all men by their presents that Albert T. Phifer as principal, and Lucius B. Wright and Jeriah Swetland as sureties, are held and firmly bound unto the state of Ohio in the penal sum of Five Hundred Dollars, good and lawful money, for which we bind ourselves, and our heirs, executors and administrators. Signed, Sealed and dated this 13th day of February A.D. 1886.

The condition of the above obligation is such, nevertheless, that, whereas, on the 13th day of February A.D. 1886 the above bondsmen Albert T. Phifer and others made application to the Commissioners of Madison County, and on said filed with the Auditor of said County his petition for the location of a ditch improvement of the said State in such cases made and provided, on the following route and termini, to wit; Commencing at the west side of the township road at the intersection of the south line of the C and N Rail Road and the north line of John Shea's land; thence down the old water course crossing said township road into the land of A.S. Jones; thence in a south easterly course about 100 rods; thence in a S.W. course 60 rods to the north line of Mrs. land; thence in a south easterly course across the land of Mrs Eliza J. Smith to the line of Stephen Phifer about 62 rods east of the township road aforesaid; thence along the north line of said Phifer east about 20 rods; thence in a southeasterly corner about 40 rods; thence east about 60 rods to the west line of Mary E. Florence's land; thence in a south easterly course across the land of Mrs Florence to the line of the Samuel Hornbeck land; thence on the line between the lands of Florence and Hornbeck south about 60 rods; thence in a southeasterly course across the land of said Hornbeck to the old Xenia road; thence crossing said road into the land of Robert P. Duveau; thence in a southeasterly course across the lands of Robert P. Duveau and Candalia Strawbridge about 352 rods to the heading of the Strawbridge township ditch known as the Phifer Ditch or "Buff Canal"; thence down said ditch in a southeasterly course about 12 rods to the line of Albert T. Phifer's land; thence across his land about 30 rods to the line of David Watson's land; thence in a southeasterly course about 135 rods across the lands of said Watson to the north line of Mrs A. Colburn's land; thence across Mrs Colburn's land with the present channel in a southeasterly course about 154 rods to the N.E. line of M. W. Buffenbarger's line; thence across her land in a southeasterly course about 100 rods; thence south 500 rods

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 to the NE line of Mrs Eugene J. Crawford's land; thence
 across the land of said Crawford in a Southwesterly course about
 135 rods to the crossing of Lincoln's Pike by said ditch; thence
 across the west end of the land of Lippie and C. S. Masey into the
 land of Margaret Shough; thence across the lands of said Shough
 in a Southwesterly course to where it intersects with Paint Creek
 on said lands and that all of said ditch be tilled down to ~~the~~
 this point; and that said Paint Creek be deepened, widened and
 straightened from thence in a southerly direction with the main
 channel thereof across the said Shough's land to the land of
 M. W. Corbitt; thence across his land with the channel of
 said Paint Creek to the line of Martha Lincoln's land about 10
 rods north of the north east corner of Selsor's land and the South
 east corner of the said M. W. Corbitt's land

Lateral No 1 Begins at the west side of the township road in the
 line of John Shear's land about 5 rods north of the Southwest corner
 of A. S. Jones land; thence across the road with the old ditch to
 the corner of A. S. Jones and land of Eliza J. Smith in a Southeastly
 course 30 rods to its intersection with the main ditch about 6
 rods South of the South line of A. S. Jones land.

Lateral No 2 Beginning at the end of a culvert on the old Xenia
 road where a till ditch comes out out of the land of Mary E. Florence
 thence crossing said road and across the land of Robert P. Duceau
 with the old water course in a South easterly course to its intersection
 with the main ditch.

Lateral No 3 Beginning at the N. W. corner of what is known
 as the Peck farm on the land of Zaudalia Strawbridge and
 Robert P. Duceau in a Southwesterly course to the main ditch,
 about 55 rods south of the old Xenia road. Also a lateral of
 the lateral; Beginning at the South end of a culvert on the Xenia
 road where a ditch crosses the road from the lands of S.
 Hornbeck; thence through the lands of Robert P. Duceau south
 to its intersection with lateral No 3

Lateral No 4 Beginning at a large pond on the land of
 Robert P. Duceau about 70 rods south of the old Xenia road;
 thence in an easterly course to the main ditch about

Lateral No 5 Beginning on the lands of Mrs Joseph Plowman
 about 80 rods west of the farm barn at the heading of an old ditch;
 thence in a southeasterly course across the lands of Mrs Joseph
 Plowman about 200 rods to the old Xenia road, about 28 rods east
 of the N. W. corner of Robert P. Duceau ^{land} and ~~Zaudalia Strawbridge~~

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thence across the lands of Robert P. Dumeau, and Laudalia Strawbridge in an easterly course about 300 rods to the main ditch. Also a lateral of said lateral. Beginning about 4 rods north of an ash bush on the land of Mrs Plowman at the head of an old ditch as now located in a southerly course 110 rods, more or less, to the intersection with said lateral No 5 about 40 rods south of the residence of said Plowman also enough laterals or branches to make complete drainage of the lands of said Mrs Plowman that draws into said laterals.

Also Lateral No 2 to said lateral No 5; Beginning on the line between the land of Laudalia Strawbridge (woodland) and Mary Phifer 15 acre tract about 20 rods south of the corner of said Mrs Strawbridge land on the north side of the Xenia road; thence across the land of said Strawbridge in a southeasterly course with the natural water way to the land of Robert P. Dumeau; thence across said land into the head of an old ditch in an old meadow; thence in an easterly course with said ditch to its intersection with said lateral No 5.

Also enough laterals to said lateral to make complete drainage of the wood land of Mrs Strawbridge, also that there be enough laterals to main ditch and laterals located by the engineer in charge of the work to make complete drainage of the lands of Robert P. Dumeau.

Lateral No 6. Beginning at the center of a pond on the Peck land, (owned by Mrs Strawbridge) 5 rods south west of an elm tree on the east bank of said pond; thence in a southerly course to another pond on the south line of the Peck land about 40 rods east of the S.W. corner of said land; thence south through the lands of Mrs Strawbridge to an old ditch; thence with the line of said old ditch or as near, as is practical in a S.E. course through the lands of Mrs Strawbridge, Albert J. Phifer and David Watson to the main ditch about 25 rods south east of David Watson's west line also a lateral of said lateral.

Beginning at a pond on Albert J. Phifer's land known as the "Calamus Pond" thence in a southerly course into said lateral No 6 a distance of about 60 rods; also enough laterals on the lands of said Mrs Strawbridge and Albert J. Phifer draining into said laterals to make complete drainage of the drained by them.

Lateral No 7 Beginning at the north end of the 30 acre pond on the land of Albert J. Phifer known as the "wild goose pond"; thence in a southerly course as the old ditch is located across the land of said Phifer to the land of David Watson about 30 rods west of

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his N.E. corner; thence across the land of said Watson with an old ditch in a southerly course about 60 rods to the main ditch. Also enough laterals to make complete drainage of said pond and land drained by said lateral.

Also enough laterals to be located by the engineer in charge of the work, on the lands of Robert P. Duncan, Landalia Strawbridge and Albert T. Phifer running into main ditch and its main laterals to make complete drainage of said lands. The Main ditch and all laterals to be tiled with tiling of a suitable size to the intersections thereof.

Lateral No 8 Beginning on the land of Robert P. Duncan near an Elm tree marked "X" about 18 rods East of the southeast corner of the timber land of Landalia Strawbridge; Thence in an easterly course about 120 rods across the land of said Robert P. Duncan to the land of M. M. Buffenbarger about 8 rods south of a corner of said Buffenbarger land. Thence across the land of said M. M. Buffenbarger in an easterly and northeasterly course about 180 rods to the line of Landalia Strawbridge land about 17 rods of her southeast corner. Thence across the corner of her land of the land of Albert T. Phifer about 30 rods to the main ditch about 3 rods west of the line between said Albert T. Phifer and David Watson. Also two or more laterals to said lateral on the land of Robert P. Duncan so as to make enough drainage of the land drained by said lateral.

Also enough lateral to be located by the engineer in charge of the work on the lands of Robert P. Duncan, Landalia Strawbridge and Albert T. Phifer running into Main ditch and its main laterals to make complete drainage of said lands.

The main ditch and all laterals to be tiled with tiling of a suitable size to the intersections thereof.

If not ordered tiled to Main Paint Creek then so much as is cut open to be cut one foot wide in the bottom with side slopes of two feet horizontal to one foot vertical.

Now if the above bonders Albert T. Phifer, Lucius B. Wright and Jeriah Smetland shall pay all costs if the prayer of said petition be not granted, or if for any other cause the same shall be dismissed, then this obligation shall be void.

attest as to R. H. McCloud }
Phifer & Wright (R. H. McCloud)

A. T. Phifer (real)

L. B. Wright (real)

J. Smetland (real)

The above bond and securities thereon are approved by me this
13th day of February A.D. 1886

S. W. Prugh
County Auditor

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Auditor's Office, Madison County Ohio.
 In the matter of Ditch Dript No } London, O. March 1st A.D. 1886
 Petitioned for by Caudalia } Funding in favor of the Ditch Dript
 Strawbridge and others }

This day the Board of Commissioners of Madison County, met in Regular session. The following members present, D. B. Sanford, Charles Amarr and Samuel Stralick, and the Auditor of said County having delivered to said Board a copy of the petition filed by Caudalia Strawbridge and others for the construction of a ditch filed with said Auditor on the 13th day of February A.D. 1886. The route as determined by the Commissioners is the same as petitioned for—

And the said Board of Commissioners having found that said improvement was necessary and would be conducive to the public health, convenience and welfare, and that the line thereof is on the best route. It is now here ordered that an entry be placed upon the Commissioners' Journal directing a competent Engineer, to go upon the line of said improvement and survey and level the same, and set a stake at every hundred feet running down stream, note the intersections of lines and boundaries of lands, township and county lines, land marks, bench marks, and road and railway crossings; and make a report, and profile, and plat of the same, and estimate the number of cubic yards of earth or other substance to be removed, and the cost per cubic yard for each working section, and of each section of one hundred feet. It is also directed that said Engineer make and return a schedule of all the lots and lands, and public and corporate roads, municipal corporations and railroads that will be benefitted by said improvement, and an apportionment of the number of linear feet and cubic yards allotted to each lot and tract of land, road and railroad and municipal corporation, according to the benefits which will result to each from the said improvement, and an estimate of the cost of location and construction to each, and a specification of the manner in which the improvement shall be made and completed; the number of flood gates, water ways, farm crossings and bridges necessary, including all kinds and dimensions thereof, and that said Engineer report his proceedings at his earliest convenience.

S. M. Prugh Co. Aud.

D. B. Sanford Pres. Board of Comm.

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Auditor's Office Madison County Ohio
July 8 A.D. 1886In the matter of Ditch Damp No }
Petitioned for by Gaudalia Strawbridge }

To the Honorable Board of Commissioners of Madison County, Ohio.

The undersigned Engineer, in obedience to the direction of your Honorable Body, made on the 1st day March A.D. 1886 has proceeded in the above matter, and has made a level and survey of the line of said proposed ditch improvement, and set a stake at every hundred feet numbering down stream; and I have made a note of the intersections of lines and boundaries of lands, township and county lines, land marks, bench marks, and road and railroad crossings; and I herewith make report of the same, with profile, and plat and an estimate of the number of cubic yards of earth or other substance to be removed, and the cost per cubic yard for each working section on said report indicated and of each section of one hundred feet.

I have also made, and return herewith, a schedule of all the lots and lands, and public and corporate roads and railroads, together with the name of the owners of such railroad companies, and the names of the lessees operating the same, that will be benefited by said improvement; and an apportionment of the number of linear feet and cubic yards allotted to each lot and tract of land, road and railroad, according to the benefit which will result to each from the said improvement, and estimate of the cost of location and construction to each and a specification of the manner in which the improvement shall be made and completed; the number of flood-gates, water-ways, farm crossings and bridges, including kinds and dimensions thereof; and such other matters as the undersigned deems important. The said survey, level report and schedules are hereto attached and made a part hereof.

The following is an itemized cost bill, made by me in the proper discharge of my duty, under your order:

Clint Moss	Engineer	66 $\frac{3}{4}$ days at \$4.00 per day	\$267.00
Jacob McCartney	Rod & chainman	36 " " \$1.25 " "	45.00
Henry Derault	"	11 $\frac{1}{2}$ " " \$1.25 " "	14.12
"	making stakes	10 " " \$1.25 " "	12.50
Almer Augustus	"	2 " " \$1.25 " "	2.50
"	stake driver	7 " " \$1.25 " "	8.75
Sherman Coburn	"	7 " " \$1.25 " "	8.75
David Shaw	"	4 $\frac{1}{2}$ " " \$1.25 " "	5.62

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	A. J. Phifer	Team 1 day hand 5 1/2 day making 300 stakes and timber for 4000 stakes	\$15.88
	F. M. Evans	axman when leveling 7 da. \$1 per day	7.00
	S. P. Trumper	Records of lands	0.75
	William Curtain	Rodman 1 1/5 day at \$1.25	1.50
	Henry Devault	team hauling stakes 11 1/2 days \$2.00	23.00

Clint Moss - Engineer.

Record of		Strawbridge Report of Engineer					Ditch Improvement No. 54 Schedule "A"	
Remarks	No Station	Elevation of Grade Line	Grade Line	Cut	Course & Distance	Explanation		
Top Key Stone Arch L.M.R.R.	B	100.00	94.75			<p>The within Topographical survey of the ditch petitioned for by Strawbridge and others is predicated upon the top of the Key stone of the arch culvert across the R.B. & A.L.R.R. designated "B" (Bench Mark) the assumed elevation of which is 100ft, and to which elevation the elevation of both ground and grade lines, at all other points refer. Auxiliary elevations, also designated "B," are elsewhere recorded, and explained.</p> <p>The first column herein contains remarks; the second contains stations of 100 feet each. The third & fourth contain the elevation of the ground and grade lines at the several stations, and the fifth contains the cuttings at the same points measured downward from the tops of stakes driven to the surface of the ground, by the station stakes.</p> <p>Line of A.D. James & Eliza J. Smith 24.77</p>		
	-0	97.80	94.45	3.35	0 to 6.62 S 40 1/2 E 6.62 ft			
	1	97.30	94.20	3.10				
	2	97.05	93.95	3.10				
	3	96.65	93.70	2.95				
	4	96.40	93.45	2.95				
	5	96.10	93.20	2.90				
	6	95.95	92.95	3.00	6.62 to 10.00 S 49 E 3.38 ft			
	7	95.70	92.70	3.00				
	8	95.65	92.45	3.20				
	9	95.65	92.20	3.45				
	10	95.25	91.95	3.30	10.00 to 11.48 S 42 E 1.48 ft			
	1	95.25	91.70	3.55	11.48 to 12.76 S 35 E 1.28 ft			
	2	95.05	91.45	3.60	11.76 to 14.50 S 28 3/4 E 2.74 ft			
	3	94.75	91.20	3.55				
	4	94.20	90.95	3.25	14.50 to 15.23 S 20 E 73 ft			
	5	94.30	90.70	3.60	15.23 to 17.00 S 16 W 177 ft			
	6	93.60	90.45	3.15				
	7	93.30	90.20	3.10	17.00 to 17.81 S 44 E 81 ft			
	8	93.30	89.95	3.35	17.81 to 19.20 S 79 1/2 W 139 ft			
	9	92.90	89.70	3.20	19.20 to 21.28 S 77 1/2 W 208 ft			
	20	92.80	89.45	3.35				
	1	92.85	89.20	3.65	21.28 to 21.82 S 36 1/2 W 54 ft			
	2	92.65	88.95	3.70	21.82 to 26.00 S 42 W 418 ft			
	3	92.55	88.70	3.85				
	4	92.10	88.45	3.65				
	5	91.95	88.20	3.75				
	6	91.55	87.95	3.60	26.00 to 27.43 S 1 1/2 W 143 ft			
Lat. No 1	26.43	90.70	87.84	2.86				
	7	90.95	87.70	3.25	27.43 to 28.26 S 19 E 83 ft			
	8	90.90	87.45	3.45	28.26 to 29.21 S 6 95 ft			
	9	90.45	87.20	3.25	29.25 to 30.27 S 19 1/4 W 106 ft			
	30	90.20	86.95	3.25	30.27 to 31.64 S 33 1/2 W 137 ft			
	1	90.00	86.70	3.30	31.64 to 34.70 S 14 W 306 ft			
	2	90.10	86.45	3.65				
	3	89.80	86.20	3.60				
	4	89.70	85.95	3.75	34.70 to 35.40 S 1/4 E 70 ft			
	+90	89.00	85.75	3.25				
	5	92.30	85.70	6.60	35.40 to 36.47 S 13 3/4 W 107 ft			
Bur Oak R	B	92.35						
	35.30	92.10	85.62	6.48				

Record of	Strawbridge Report of Engineer		Ditch Improvement No. 54		Schedule "A"	
Remarks	No Station	Elevation Grade Line	Grade Line Cut	Course and Distance	Explanation	
	35.40	89.15	85.60	3.55		
	6	88.70	85.45	3.25	36.47-37.10 S 31 3/4 W 63 ft	
	7	88.25	85.20	3.05	37.10-37.90 S 53 3/4 W 80 ft	
	8	88.10	84.95	3.15	37.90-38.74 N 30 E 84 ft	
	9	88.05	84.70	3.35	38.74-45.00 S 71 1/2 E 62 ft	
	40	87.25	84.45	2.80		
	1	86.80	84.02	2.78		
	2	86.25	83.59	2.66		
	3	86.30	83.16	3.14		
	4	85.85	82.73	3.12		
	5	85.60	82.30	3.30	45.00-46.20 S 54 1/2 E 120 ft	
	6	85.00	81.87	3.13	46.20-47.14 S 72 1/2 E 94 ft	Line of Smith & R. Phifer 46.97
	7	84.35	81.44	2.91	47.14-50.43 S 88 E 229 ft	
	8	83.80	81.01	2.79		
	9	83.20	80.58	2.62		
	50	82.85	80.15	2.70	50.43-58.24 S 71 1/2 E 781 ft	
	1	83.15	79.72	3.43		
	2	83.10	79.29	3.81		
	3	82.30	78.86	3.44		
	4	82.10	78.43	3.67		
	5	81.90	78.00	3.90		
	6	81.30	77.60	3.70		
	7	81.10	77.30	3.80		
	8	80.15	77.00	3.15	58.24-58.64 N 72 1/2 E 40 ft	
	58.24	80.50	76.92	3.58	58.64-63.40 N 85 1/2 E 476 ft	
Bur Oak R	B	85.95				
	9	79.60	76.70	2.95		
	60	79.50	76.40	3.10		
	1	79.30	76.10	3.20		
	2	78.85	75.80	3.05		
	3	78.25	75.50	2.95	63.40-65.20 S 60 1/2 E 180 ft	
	4	77.95	75.20	2.75		
	5	77.95	74.90	3.05	65.20-66.20 S 70 1/4 E 100 ft	Line of Phifer & Mary E. Stoumer 64.79
	6	76.85	74.60	2.25	66.20-70.06 S 81 1/4 E 386 ft	
	7	76.45	74.30	2.15		
	8	76.25	74.00	2.25		
	9	75.85	73.70	2.15		
	70	75.75	73.40	2.35	70.06-77.10 S 83 1/4 E 704 ft	
	1	75.30	73.10	2.20		
	2	74.95	72.80	2.15		
	3	74.85	72.50	2.35		
	4	74.55	72.25	2.35		

Record of		Strawbridge			Ditch Improvement No. 54	
Remarks		Report of Engineer			Schedule "A"	
No	Elevation	Grade	Cut	Course and	Distances	Explanations
Station	Grade	Line				
	74.35	71.90	2.45			
	73.75	71.60	2.15			
	73.55	71.30	2.25	77 ¹² -83.18 S 47 ⁴⁸ E 60.87		
	73.65	71.00	2.65			
	73.20	70.70	2.50			
	73.25	70.40	2.85			
	72.65	70.10	2.55			
	72.65	69.80	2.85			
	72.65	69.50	3.15	83.18-94.97-03 ¹⁸ 1179.	On line of Florence + Hornbeck 83.18	
	72.70	69.20	3.50			
Maple L	76.10					
	73.25	68.90	4.35			
	72.10	68.60	3.50			
	72.10	68.30	3.80			
	71.25	68.00	3.25			
	71.20	67.70	3.50			
	70.95	67.40	3.55			
	70.75	67.10	3.65			
	70.25	66.80	3.45			
	71.00	66.50	4.50			
	70.75	66.20	4.55	94.97-99.70 S 57 ²⁸ E 475.		
	69.45	66.00	3.45		Leave line of Florence + Hornbeck 96. 97	
	69.60	65.82	3.78			
	69.75	65.64	4.11			
	69.25	65.46	3.79			
	69.70	65.28	4.42	99.70-102.60 S 74 ²⁸ E 290.		
	68.45	65.10	3.35			
	69.45	64.92	4.53			
	68.40	64.74	3.66	102.60-104.22 S 80 ²⁸ E 172.		
	68.15	64.56	3.59			
Dead B. O. L.	73.25					
	68.25	64.38	3.87	104.02-110.75 S 86 ²⁸ E 582.		
	68.00	64.20	3.88			
	67.35	64.02	3.33			
	67.10	63.84	3.26			
	67.15	63.66	3.49			
	66.90	63.48	3.42			
	66.80	63.30	3.50	110.75-111.75 S 70 ²⁸ E 86.		
	67.10	63.12	3.98	111.75-111.76 S 31 ⁷⁴ E 76.	Line of Hornbeck + R. A. P. Demerit + Xenia road 110.35	
	66.55	62.94	3.61	111.76-111.93 S 26 ⁷⁴ E 817.		
	66.20	62.76	3.44			

Record of		Strawbridge			Ditch Improvement No. 574	
		Report of Engineer			Schedule "A"	
Remarks	No Station	Elevation of Grade Line	Grade Line	Out	Course & Distance	Explanation
	5	66.30	62.58	3.72		
	6	66.10	62.40	3.70		
	7	66.10	62.22	3.88		
	8	65.95	62.04	3.91		
	9	66.00	61.86	4.14		
	9	65.60	61.68	3.92	119.93-13400 S. 7 1/4 E 1407 ft	
Lak. S. L.	+80	65.50	61.54	3.96		
	-120	66.25	61.57	4.70		
	1	64.85	61.35	3.50		
	2	64.50	61.20	3.30		
No 4 L	+26	64.45	61.16	3.29		
	3	64.60	61.05	3.55		
	4	64.30	60.90	3.40		
No 4 L.	124.77	64.20	60.79	3.41		
	5	64.00	60.75	3.25		
	6	64.00	60.60	3.40		Line of R. P. Duncan & Vandalia Strawbridge 127.38
No 6 L	126.77	63.90	60.49	3.50		
	7	63.85	60.40	3.40		
No 7 L	127.83	63.85	60.37	3.48		
	8	63.90	60.30	3.60		
	9	63.60	60.15	3.45		
	130	63.50	60.00	3.50		
	1	63.45	59.85	3.60		
	2	63.35	59.70	3.65		
	3	63.35	59.55	3.80		
	4	63.15	59.40	3.75	134-135 S 22 1/2 E 100 ft	
No 8 R	134.45	63.00	59.35	3.67		
	5	63.05	59.25	3.80	135-140.08 S 36 E 508.	
	6	63.05	59.10	3.95		
	7	63.05	58.95	4.10		
No 9 L	137.86	63.05	58.82	4.23		
	8	62.75	58.80	3.95		
	9	62.75	58.65	4.10		
	140	63.50	58.50	4.00	140.08-146.60 S 12 3/4 W 652	
	1	62.10	58.35	3.75		
	2	62.20	58.20	4.00		
No 10 L.	142.15	62.15	58.17	3.98		
Bur/Oak L	B	65.67				
	3	62.10	58.05	4.05		
	4	62.00	57.90	4.10		
	5	61.80	57.75	4.05		
No 11. R-	145.15	61.70	57.72	3.98		

Record of	Strawbridge				Ditch Improvement No. 54	Schedule "A"	
Remarks	No Station	Elevation of Grad Line	Grade Line	Cut	Course and Distance	Explanation	
No 12-R-	146	61.65	57.60	4.05	46.60-191.71 2.39 1/2 E 45 1/2		
	7	61.80	57.45	4.35			
	147.35	61.35	57.40	3.95			
	-8	61.25	57.30	3.95			
	9	61.20	57.22 ⁰⁸	3.98			
	150	61.20	57.13 ⁰⁹	4.07			
	1	60.95	57.05	3.90			
	2	60.75	56.96	3.79			
	3	60.75	56.88	3.87			
	4	60.65	56.79	3.86			
No-13-R	5	60.70	56.71	3.99			
No-14-L	155.63	60.55	56.65	3.90			
	6	60.45	56.62	3.83			
	7	60.35	56.54	3.81			
	8	60.70	56.45	3.25			
	9	60.30	56.37	3.93			
	160	60.50	56.28 ^{55.95}	4.22			
	1	60.25	56.20	4.05			
	2	60.45	56.11	4.34			
	3	60.40	56.03	4.37			
	4	60.75	55.94	4.81			
B.O.R.	5	60.35	55.86	4.49			
	6	59.90	55.77	4.13			
	7	65.20					
	7	59.75	55.69	4.06			
	No 16-L	167.62	59.85	55.63	4.22		
		8	59.80	55.60	4.20		
		9	59.75	55.52	4.23		
		170	59.55	55.43	4.12		
		1	59.55	55.35	4.20		Line of Strawbridge & A.T. Pifer 170.79
		2	59.45	55.26	4.19		
3		59.30	55.18	4.12			
4		59.05	55.09	3.96			
5		58.85	55.01	3.84			
No 17-R Elev L		175.15	58.75	55.00	3.75		
	B	61.38					
	6	58.75	54.92	3.83			
	7	58.70	54.84	3.86			
	8	58.65	54.75	3.90			
	No 18-L	178.39	59.15	54.71	4.44		
		9	58.60	54.67	3.93		
		180	58.55	54.58 ^{54.55}	3.97		

Record of	Strawbridge		Ditch Improvement No. 54		
	Report of Engineer		Schedule "A"		
Remarks	No Station	Elevation Grade Line	Grade Line	Cut	Course and Distance
	1	58.40	54.50	3.90	
	2	58.40	54.41	3.99	
	3	58.30	54.33	3.97	
	4	58.35	54.24	4.11	
	5	58.30	54.16	4.14	
	6	58.25	54.07	4.18	
	7	58.35	53.99	4.36	
No 19-L	187.64	57.95	53.93	4.05	
	8	58.15	53.90	4.25	
Boulder R	B	61.23			
	9	58.40	53.82	4.58	
	190	58.00	53.73	4.27	
	1	58.05	53.65	4.40	191.14 - 201.50 S 32 1/2 E 97.84
	2	58.25	53.56	4.69	
	3	58.00	53.48	4.52	
	4	57.80	53.39	4.41	
	5	57.70	53.31	4.39	
	6	57.70	53.22	4.48	
Boulder L	B	60.37			
	7	57.80	53.14	4.66	
	8	57.55	53.05	4.50	
	9	57.70	52.97	4.73	
	200	57.45	52.88	4.57	
	1	57.25	52.80	4.45	201.50 - 203.20 S 5 3/4 W 170. Line David Watson & Mrs Colburn 201.97
	2	58.98	52.71	6.27	
	3	57.08	52.63	4.45	203.20 - 209.20 S 18 3/4 E 617.
	4	57.08	52.54	4.54	
	5	56.88	52.46	4.42	
	6	56.73	52.37	4.36	
	7	56.73	52.29	4.44	
	8	56.63	52.20	4.43	
	9	56.53	52.12	4.41	209.37 - 211.10 S 18 W 181.
	210	56.48	52.03	4.45	
	1	56.28	51.95	4.33	211.10 - 213.00 S 11 1/2 W 182.
Boulder L at bidge	B	57.28			
	2	56.23	51.86	4.37	
	3	56.08	51.78	4.30	213.00 - 215.00 S 26 3/4 W 206.
	4	56.03	51.69	4.34	
	5	55.98	51.61	4.37	215.00 - 219.95 S 34 W 439.
	6	55.80	51.52	4.28	
	7	55.75	51.44	4.31	
	8	55.75	51.35	4.40	

Record of		Strawbridge Ditch Improvement No. 54					Schedule "A"
Report of Engineer		No	Elevation	Grade	Course and	Distance	Explanation
Remarks	Station	Grade	Line	cut			
Top Elm Camp R-	9	55.70	51.27	4.43	219.95-221.24-34°40' 129ft		
	B	58.70	51.15				
	220	55.65	51.18	4.47			
	1	55.65	51.10	4.65	221.24-223.23-0 37°W 199.		
	2	55.65	51.01	4.64			
	3	55.60	50.93	4.67	223.23-227.26.0 70°40' 1413.		
	4	55.60	50.84	4.76		Line of Mrs Colburn + M. M. Buffenbarger 2242	
	225	55.55	50.76	4.79			
	6	55.30	50.67	4.63			
	7	55.30	50.59	4.71			
B	58.70						
Double Oak R-	8	55.15	50.50	4.65			
	9	55.10	50.42	4.68			
	230	55.10	50.33	4.77			
	1	55.00	50.25	4.75			
	2	55.00	50.16	4.84			
	3	55.05	50.08	4.97			
	4	54.80	49.99	4.81			
	5	54.75	49.98	4.84			
	6	54.65	49.82	4.83			
	7	54.60	49.74	4.86	227.36-242.25-062°W 589.		
Willow L	8	54.60	49.65	4.95			
	9	54.35	49.57	4.78			
	240	54.40	49.53 49.48	4.92			
	1	54.40	49.40	5.00			
	3	54.65	49.31	5.34			
	3	54.20	49.23	4.97	243.25-245.86-0 58°40' 261.		
	4	54.25	49.14	5.11			
	5	54.20	49.06	5.14	245.86-248.0 67°W 214.		
	B	57.55					
	6	54.30	48.97	5.33			
7	54.20	48.89	5.31				
8	54.15	48.80	5.35	248-253.37-0 44°W 587.			
9	54.00	48.72	5.28				
250	53.90	48.63	5.27				
1	53.95	48.55	5.40				
2	53.80	48.46	5.34				
3	53.65	48.38	5.27	253.37-256.30 52°W 293.			
4	53.65	48.29	5.36				
5	53.75	48.21	5.54				
6	53.70	48.12	5.58	256.30-258.25-0 10°E 198.			
7	53.80	48.04	5.76				

Record of		Strawbridge					Ditch Improvement No. 54	
Remarks		Report of Engineer			Schedule "A"			
No	Elevation	Grade	Course and	Distance	Explanation			
Station	Grade	Line	Line	cut				
358	53.40	47.95	5.45	25828-263.0 257 1/2 W 47 1/2 N				
9	53.35	47.87	5.48					
260	53.30	47.78	5.52					
1	53.10	47.70	5.40					
2	53.50	47.61	5.89					
3	53.10	47.53	5.57	263-374.560 260 W 1150.				
Elm R	56.20							
4	53.25	47.44	5.81					
5	52.90	47.36	5.54					
6	52.70	47.27	5.43					
7	52.95	47.19	5.76					
8	52.45	47.10	5.35					
9	52.20	47.02	5.18					
270	52.05	46.93	5.12					
1	52.20	46.85	5.35					
2	51.60	46.76	4.84					
3	51.45	46.68	4.77					
4	51.45	46.59	4.86	274.50-281.0 28 1/2 W 550.				
5	51.35	46.51	4.84					
6	51.45	46.42	5.03					
7	51.15	46.34	4.81					
8	51.15	46.25	4.90					
9	51.20	46.17	5.03					
280	51.00	46.08	4.92	280-283 2 1/2 W 354.				
1	51.15	46.00	5.15					
2	50.75	45.91	4.84					
3	50.60	45.83	4.77	283.54-287.0 37 1/2 W 346.				
4	50.35	45.74	4.61					
5	50.15	45.66	4.49					
Dead Oak L.	54.45							
6	50.10	45.57	4.53					
7	50.10	45.49	4.61	287-290.43 43 1/2 W 343.				
8	50.15	45.40	4.75					
9	50.10	45.32	4.78					
290	50.00	45.23	4.77	290.43-293.93 50 3/4 W 360.				
1	49.90	45.15	4.75					
2	49.80	45.06	4.84					
3	49.60	44.98	4.62	293.93-317.0 60 1/2 W 2307.				
4	49.55	44.89	4.66					
5	49.50	44.81	4.69					
6	49.65	44.72	4.93					
7	49.35	44.64	4.71					

Record of

Strawbridge
Report of Engineer

Ditch Improvement No. 54

Schedule A

Remarks	No Station	Elevation Grade	Grade Line	Cut	Course and Distance	Explanation
	298	49.15	44.65	4.60		
	9	49.10	44.47	4.63		
	300	49.10	44.38 ^{AS.00}	4.72		
	1	49.10	44.30	4.80		<i>Line of May Bueffebarger & Eugene J. Crawford 301.08</i>
	2	49.15	44.21	4.94		
	3	49.00	44.13	4.87		
	4	48.55	44.04	4.51		
	5	48.60	43.96	4.64		
	6	48.60	43.87	4.73		
	7	48.30	43.79	4.51	<i>317-329.46.0 58 1/2 W 1246 ft.</i>	
	8	48.30	43.70	4.60		
	9	48.15	43.62	4.43		
	310	48.10	43.53	4.57		
	1	48.05	43.45	4.60		
	2	47.75	43.36	4.39		
	3	47.70	43.28	4.42		
	4	47.60	43.19	4.41		
	5	47.65	43.11	4.54		
	6	47.65	43.02	4.63		
	7	47.65	42.94	4.71		
	-8	47.25	42.85 ⁰⁴	4.40		
<i>Nail in Rotam log of Bridge Lincoln Pike N.W. end</i>	B	47.55				
	9	47.15	42.81	4.34		
	320	47.00	42.77 ^{43.80}	4.23		
	1	46.85	42.73	4.12		
	2	46.70	42.69	4.01		
	3	46.60	42.65	3.95		
	4	46.50	42.61	3.89		
	5	46.40	42.57	3.83		
	6	46.45	42.53	3.92		
	7	46.40	42.49	3.91		
	8	46.25	42.45	3.80		
	9	46.25	42.41	3.84	<i>329.46-335.60 0 59 1/2 W 614.</i>	
<i>Lean old ditch</i>	+66	45.50	42.39	3.11		
	+80	47.70	42.38	5.32		
	330	48.60	42.37	6.23		
	1	47.85	42.33	5.52		
	2	48.60	42.29	6.31		
	3	48.00	42.25	5.75		
	4	48.40	42.21	6.19		
	+30	48.00	42.20	5.80		
	+35	45.30	42.20	3.10		
	+40	45.20	42.19	3.01		

Record of		Strawbridge				Ditch Improvement No. 54	
		Report of Engineer				Schedule A	
Remarks	No Station	Elevation Grade Line	Grade Line	Cut	Course and Distance	Explanation	
	+ 45	47.65	42.19	5.46			
	5	48.55	42.17	6.38	335.60-345.1 20°W 940 ft.		
	+30	47.80	42.16	5.64			
	+ 50	45.30	42.15	3.15			
	+55	45.15	42.15	3.00			
	335.60	48.30	42.15	6.15			
	6	48.15	42.13	6.02			
	7	47.40	42.09	5.31			
	+10	45.00	42.09	2.91			
	+25	45.00	42.03	2.92			
	+40	48.10	42.07	6.03			
	8	47.70	42.05	5.65			
	338.25	47.10	42.04	5.06			
	+40	44.90	42.03	2.87			
	+85	44.90	42.02	2.88			
	+90	46.85	42.01	4.84			
	9	46.95	42.01	4.94			
	340	47.00	41.97	5.03			
	340.05	44.60	41.97	2.63			
	+15	44.70	41.96	2.74			
	+20	46.85	41.96	4.89			
	1	48.05	41.93	6.12			
	2	47.75	41.89	5.86			
	3	46.90	41.85	5.05			
	343.30	46.90	41.84	5.06			
	+40	44.10	41.83	2.27			
	+50	43.90	41.83	2.17			
	+60	46.40	41.83	4.53			
	4	46.30	41.81	4.49			
	5	46.85	41.77	5.08	345-348.50 11 1/2 E 350..		
Elm R	B	49.80					
	6	47.00	41.73	5.27			
Creek	7	44.90	41.69	3.21			
	8	44.35	41.65	2.70	23. 348.0-349.0 32°W 90..		
	9	44.45	41.65	2.84	23. 349.40-351.75 66 3/4 W 238 ft.		
	350	44.35	41.57	2.78	22		
B Oak L	B	48.80					
	1	45.65	41.53	4.12	22. 351.75-354.50 28°E 272..		
	2	45.75	41.49	4.26	24.		
	3	44.15	41.46	2.70	26.		
	4	44.20	41.41	2.79	27. 354.50-356.8 23°E 150..		
	5	44.05	41.37	2.68	25.		
	6	44.30	41.33	2.97	23. 356-357.55 50 1/4 W 155..		
	7	44.30	41.29	3.01	25. 357.55-366 25 26 1/2 W 871 "		
	8	43.80	41.25	2.55	23.		
Bur O. L.	B	48.15					
	9	45.75	41.21	4.54	19.		
	360	43.50	41.17	2.33	17.		
	1	43.65	41.13	2.52	15.		
	2	44.60	41.09	3.50	12.		
						Line Margaret Shough & M. K. Corbett 361.33.	

Record of

Strawbridge

Ditch Improvement No. 54

Schedule "A"

Remarks	No Station	Elevation of Grade	Grade	cut	Course and Distances	Explanation
	363	43.85		2.80	92	
	4	43.55		2.54	13	
	5	44.50		3.53	15	
	6	46.50		5.57	31.3662-367.620 9 1/2 E 136 ft	
	7	45.40		4.57	40.36762-370° 020 1/4 E 318.	
	8	43.40		2.55	30	
	9	43.45		2.54	18	
<i>Ash L.</i>	B	47.10				
	370	43.25		2.48	11. 370 1/2 - 372 7/8 - 0 3 1/2 E 196.	
	1	43.10		2.37	11	
	2	43.65		2.96	13. 372.76 - 375.36 025° E 254	
	3	43.80		3.15	13	
	4	43.10		2.49	14	
	5	42.90		2.33	16. 375 3/8 - 376.740 31 1/2 E 144 ft	
	6	42.90		2.37	16. 376.74 - 378 - 0 6 1/2 E 126.	
	7	44.30		3.81	12	
<i>B.O.L.</i>	B	45.28				
	8	43.15		2.70	16. 378 - 380.11 - 0 58° E 211.	
	9	42.30		1.89	14	
	380	42.35		1.98	8. 380 1/2 - 381.49 0 34 1/2 E 136.	
	1	42.30		1.97	5	
	381.47	42.35		2.04		Line W.W. Corbitt & Martha Lincoln 381.47

Record of		Strawbridge Ditch Improvement No. 54				
		Report of Engineer				
Remarks	No. Station	Elevation Grade	Grade	Cut	Course and Distance	Explanation
		Lateral No 1 of Main ditch at 26.43 R.				
Elm Left	-0	93.10	89.80		1-0.33-062 1/2 W 0.33	No ft on John Shea 15 ft cross of
	B	95.80	89.50		0.33-473 0 69 1/2 E 4.40	road also line of Shea + A.D. Jones
	1	92.85	87.25			0.15. No ft on Jones 202 ft
	2	92.30	89.20			line Jones + Smith 2.17
	3	92.15	88.80			
	4	91.90	88.80		4.73-6.22-S 21 1/2 E. 1.49	
	5	91.35	88.30			No ft on Mrs Smith 4.05.
	6	90.20	88.00			
	6.22	90.70	87.84			
		Lateral No 3 of Main ditch at 119.80 L.				
	-0	68.95	65.43	3.50	0-7.44-S 41 1/2 W -7.44 ft	
	1	68.70	64.92	3.78		
	2	68.45	64.39	4.06		
	-3	67.85	63.85	4.00		
	4	67.90	63.75	4.15		Line Strawbridge + Duncan 4.05
	5	67.95	63.65	4.30		
	6	67.90	63.55	4.35		
	7	67.85	63.45	4.40	7.44-13.65-S 21 3/4 W -6.21 ft	
	7.20	67.90	63.42	4.48		
	8	67.70	63.35	4.35		
	9	67.80	63.25	4.55		
	10	67.65	63.15	4.50		
	1	67.60	63.05	4.55		
	2	67.05	62.95	4.10		
Bur Oak L	B	69.58				
	-3	66.80	62.85	4.00		
	13.63	65.50	61.54	3.96		
		Lateral No 1 of 3 at 3 of 3 Left				
	0	69.30	66.00	3.30	0-4.10-N 56 1/2 W 4.00 ft	
	1	68.90	65.50	3.40		
	2	68.55	65.00	3.55		
	3	68.30	64.60	3.80		
	4	67.90	64.00	3.90		
	4.10	67.85	63.85	4.00		

Record of

Strawbridge

Ditch Improvement No. 54

Report of Engineer

Remarks	No Station	Elevation Grade Line	Grade Line Cut	Course and Distance	Explanation
B. O. L.	<i>Lateral No 2 of 3 at 7.20 of 3 R</i>				
	0	69.20	66.00 - .80	3.20	0-3.06-0 32 ³ / ₄ E - 306 ft
	1	68.90	65.20	3.70	
	2	68.35	64.40	3.95	
	3	67.95	63.60	4.35	
	3.06	67.90	63.42	4.48	
	B	70.75			
	<i>Lat 4 of Main ditch at 122.26 Left</i>				
	0	66.75	63.25 - .25	3.50	0-2.79-86 ¹ / ₂ W - 299 ft
	1	66.75	63.00	3.75	
2	66.90	62.75 - 1.59	4.15		
2.79	64.45	61.16	3.29		
<i>Lat 5 of Main ditch at 124.75 L</i>					
-0	67.15	63.65 - .50	3.50		
1	66.65	63.15	3.50		
-2	66.65	62.65 - 1.86	3.90		
2.90	64.20	60.79	3.41		
<i>Lateral 6 of Main ditch at 126.77 Left</i>					
-0	66.75	63.25 - .25	3.50	0-3.59-0 54 ¹ / ₂ W - 359 ft	
1	66.60	63.00	3.60		
2	66.20	62.75	3.45		
3	66.25	62.50 - 2.01	3.75		
3.59	63.90	60.49	3.41		
<i>Lat. 7 of Main ditch at 127.53 L.</i>					
-0	66.85	63.00 - .30	3.85	0-4.16-8 75 ³ / ₄ W - 416 ft	
1	66.30	62.70	3.60		
2	66.25	62.40	3.85		
3	66.25	62.10	4.15		
-4	66.30	61.80	4.50		
4.16	63.85	60.37 1.43	3.48		
<i>Lateral 8 of Main ditch at 134.45 Right</i>					
0	68.50	65.00 - .70	3.50	0-2.49-0 49°E 249 ft	
1	67.75	64.30	3.45		
2	67.05	63.60	3.45	2.49-6.87-0 5°E - 438 ft	
-3	66.55	62.90	3.65		
-4	66.25	62.25 - .65 - .10	4.00		
4.31	66.25	62.22	4.03		
5	65.95	62.15	3.80		
6.81	65.80	62.07	3.73		
6	65.80	62.05	3.75	6.87-9.57-0 21°W 260 ft	
7	65.80	61.95	3.85		

Line Strawbridge & Duncan 1.50

Line of Strawbridge & Duncan 2.18

Line Strawbridge & Duncan 3.40

Record of		Strawbridge Ditch Improvement No. 54				
		Report of Engineer				
Remarks	No Station	Elevation of Grade Line	Grade Line	Cut	Course and Distance	Explanation
	8	65.65	61.85	3.80		
	8.50	65.70	61.80	3.90		
	9	65.65	61.70	3.95	9.50-11-0 24 ³ / ₄ E- 150 ft	
	10	65.50	61.60	3.95		
	1	65.50	61.50	3.95	11-17.24-A 53 ¹ / ₄ E 614.	
	2	65.45	61.40	4.00		
	3	65.30	61.30	4.00		
	4	66.15	61.20	3.95		Line Duncan + Strawbridge 15.35
	5	66.15	61.10	4.05		
	6	65.05	61.00	4.05		
	7	65.60	58.90	4.60		
	17.24	63.00	59.33	3.67		
		Lat 1 of 8 of Main ditch at 4.31 of 8 R				
	-0	68.05	64.00	4.05	0-2.47-D 63° E-247 ft.	
	1	66.95	63.50	3.45		
	-2	66.30	63.00	3.30		
	2.47	66.25	62.22	4.03		
		Lat 2 of 8 at 5.81 of 8 left.				
	-0	65.80	62.30	3.50	0-2.12-D 67 ¹ / ₂ W 2.11	
	1	65.80	62.20	3.60		
	2	65.75	62.10	3.65		
	-2.12	65.80	61.07	3.73		
		Lat 3 of 8 at 8.50 of R.				
	0	68.10	64.20	3.90	0-1.72-D 26° E-172 ft	
	1	67.25	63.60	3.65	172-4.00-D 79 ³ / ₄ E-228.	
Bar Oak Left	B	69.27				
	2	66.85	63.00	3.85		
	3	66.20	62.40	3.80		
	4	65.70	61.80	3.90		
		Lat 9 of Main ditch at 137.86 Left				
	0	67.20	63.75	3.45		
	1	66.15	63.25	2.90		
	2	66.20	62.75	3.45		
Boulder Left	B					
	3	65.10	62.25	2.85		
	3.23	65.45	62.19	3.26	3.23-6.50-D 26 ¹ / ₂ W-277.	
	4	66.00	62.00	4.00		
	5	65.70	61.75	3.95		
	6	65.85	61.50	4.35	6°-11°-D 21° W- 510.	
	7	65.70	61.25	4.45		
	8	65.60	61.00	4.60		
Double B. O. left	B	67.40				

Record of

Strawbridge
Report of Engineer

Ditch Improvement No. 54

Remarks	No Station	Elevation of Grade Line	Grade Line	Cut	Course and Distance	Explanation
	9	64.65	60.75	3.90		
	10	64.30	60.50	3.80		
	1	64.50	60.25	4.25		
	11.10	64.55	60.22	4.33	11.10-13-A 32 3/4 N 190.	
	-2	64.50	60.00	4.50		
	3	63.05	58.82	4.23		
		Lat. 1 of 9 of Main ditch at 3.23 of 9 R				
	-0	67.55	64.00	3.55	0-3.67-A 8 1/2 E 367.	
	1	66.75	63.50	3.25		
	2	66.10	63.00	3.10		
	3	65.75	62.50	3.25		
	-3.67	65.45	62.19	3.26		
		Lat 2 of 9 of Main ditch at 11.10 of 9 Left.				
	0	66.15	62.15	4.00	0-5.66-A 59 1/2 W 566	
	1	65.85	61.85	4.00		
	2	65.60	61.55	4.05		
	3	64.35	61.25	3.40		
	4	64.45	60.95	3.40		
	5	64.45	60.65	3.70		
	5.66	64.55	60.22	4.33		
		Lat 10 of Main ditch at 142.15 of Main R.				
	0	65.75	61.75	4.00	0-6.25-A 70 W - 625 ft.	
	1	65.25	61.45	3.80		
	2	65.20	61.15	4.05		
	3	64.80	60.85	3.95		
	4	64.70	60.65	4.15		
	5	64.05	60.25	3.80		
	6	64.10	59.95	4.15		
	6.25	62.15	58.17	3.98		
		Lat 11 of Main ditch at 145.15 of Main R.				
	0	73.00	70.40	2.60	0-2.22-A 53 1/4 E - 200 ft. line of Florence and R.P. Dumeau. O. cross Xenia road at 0.24.	
	1	74.30	69.66	4.64		
	2	72.25	68.92	3.33	2.22-3.39-A 46 E - 109 ft.	
Double B.O. Stump	B	74.73				
	3	71.75	68.18	3.57	3.39-7.90-S 31 1/2 E 451.	
	4	70.15	67.44	2.71		
	5	69.50	66.70	2.80		
	6	69.00	65.96	3.04		
	7	68.35	65.22	3.13	7.90-14.50-A 67 1/4 E 6.60	
	8	67.90	64.48	3.42		
Lat 1 of 11 R	8.20	67.90	64.33	3.57		
	9	67.50	63.74	3.76		

Record of	Ditch Improvement No. 541					
Remarks	No Station	Elevation of Grade Line	Grade Line	Cut	Course and Distance	Explanation
Lat 2 of 11 R.	-10	67.05	63.00	4.05		
	1	66.75	62.80	3.95		
	2	66.35	62.60	3.75		
	3	66.15	62.40	3.75		
	13.05	66.15	62.36	3.79		
	4	66.05	62.20	3.85	14.50-18.67-N 61 1/2 E 417.	
	5	65.85	62.00	3.85		
	6	66.15	61.80	4.35		
Lat 3 of 11 L.	7	66.00	61.60	4.40		
	8	65.75	61.40	4.35		
	18.67	65.35	61.27	4.08	18.67-21.59-S 60 E - 292 ft.	
	9	65.25	61.20	4.05		
Lat 4 of 11 L.	20	65.15	61.00	4.15		
	1	65.10	60.80	4.30		
	21.49	65.20	60.70	4.50	21.59-22.90-S 28 1/4 E - 130.	
Lat 5 of 11 R.	2	64.60	60.60	4.00	22.90-28.00-S 48 1/4 E 515.	
	3	64.35	60.40	3.95		
	4	64.25	60.20	4.05		
Lat 6 of 11 L.	5	64.05	60.00	4.05		
	6	63.90	59.80	4.10		
Lat 7 of 11 R.	7	63.65	59.60	4.05		Line Duncan + Strawbridge 27.15
	8	63.70	59.40	4.30	28 ⁰⁰ -33 ⁰⁰ -S 54 1/2 E 510 ft.	
B.O.R.	28.68	63.10	59.27	3.83		
	9	63.05	59.20	3.85		
	30	62.75	59.00	3.75		
	1	62.90	58.80	4.10		
	-2	62.45	58.60	3.85		
	3	61.70	57.72	3.98		
	Lat 1 of 11 at 8.20 of 11 "R"					
	-0	82.30	79.00	3.30		
	-1	80.75	77.40	3.35		
	2	79.45	75.95	3.50		
B	79.20					
3	77.65	74.50	3.15			
4	76.10	73.05	4.05	7.25-8.83-N 61 1/2 E 160.		
5	75.05	71.60	3.45			
6	74.00	70.15	3.85			
Boulder L	B	74.05				
Lat 1 of 1 of 11	7	72.70	68.70	4.00		
	7.22	72.60	68.58	4.02		
Lat 2 of 1 of 11	8	72.15	68.10	4.05		
	8.83	71.80	67.62	4.18	8.83-10.11-S 71 E 128.	

Record of	Strawbridge			Ditch Improvement No.
Remarks	No. Station	Elevation Grade & Line	Grade Line	Course and Distance
	Report of Engineer			
	Lat 1 of 2 of 11 at 3.78 of 2 of 11 R			
	-0	68.85	65.45	3.40
	1	67.85	64.85	3.00
	2	67.00	64.25	2.75
	-2.95	66.85	62.65	3.20
	Lat 2 of 2 of 11 at 4.70 of 2 of 11 L			
	-0	68.40	64.75	3.66 0-3.93-N 82 3/4 E-393 ft
	1	67.25	64.34	2.99
	2	67.15	63.94	3.21
	3	66.75	63.54	3.21
	-3.93	66.80	63.14	3.66
	Lat 3 of 11 at 18.67 of 11 L			
	-0	72.00	68.35	3.65 0-4.50-N 82 3/4 E 400 ft
	1	72.00	68.20	3.80
	2	72.20	68.05	4.15
	-3	71.90	67.90	4.00
B.O.R	B	73.13		
	-4	70.75	67.35	3.40
Lat 1 of 3 of 11	4.50	69.65	67.08	2.57 4.50-7.20-0 47 1/2 W-270
	5	70.15	66.80	3.35
	6	70.30	66.30	4.00
	7	69.60	65.80	3.80
Lat 2 of 3 of 11	7.20	69.70	62.70	4.00 7.20-10.58-A 338
	8	69.55	65.30	4.25
	9	69.75	54.80	4.95
	10	69.75	64.30	5.45 10.58-19.72-0 46 3/4 E 814
	11	68.95	63.80	5.15
B.O.L	B	70.18		
Lat 3 of 11-R	2	68.30	62.30	5.00
	3	67.45	62.80	4.65
	-4	66.45	62.30	4.15
	5	65.65	62.15	3.50
	6	65.40	62.00	3.40
Lat 4 of 11-L } 5 of 11-R }	7	65.35	61.85	3.50
	8	65.40	61.70	3.70
	-9	65.55	61.55	4.00
	19.72	65.35	61.27	4.08
	Lat 1 of 3 of 11 at 4.50 of 3 of 11 L			
	0	71.00	68.00	3.00 0-1.53-N 89 1/2 W-153
	1	70.20	67.54	2.66
	1.53	69.65	67.08	2.57

Record of	Ditch Improvement No.					
Remarks	Sta Station	Elevation of Grade Line	Grade Line	cut	Course and Distance	Explanation
	-5	64.25	60.60	3.65		
	5.93	64.25	60.20	4.05		
					Lat 1 of 5 of 11 at 3.34 of 5 of 11 TR	
	0	66.25	63.00	3.25	0-251-N 10 1/4 E-251 ft.	
	1	65.00	62.40	2.80		
	2	64.65	61.80	2.85		
	2.51	64.40	61.15	3.25		
					Lat 2 of 5 of 11 at 3.58 of 5 of 11 L	
	-0	65.55	61.89	3.66	0-348-S 51 1/2 E-348 ft.	
	1	65.10	61.69	3.41		
	2	64.80	61.49	3.31		
	3	64.80	61.29	3.51		
	348	64.40	61.09	3.31		
					Lat 6 of 11 at 27 of 11 L	
	0	64.85	60.85	4.00	0-300-S 70 1/2 E-300 ft.	
	1	64.65	60.45	4.20		
	2	64.60	60.05	4.55		
	3	63.65	59.60	4.05		
					Lat 7 of 11 at 28.66 of 11 R	
	0	69.62	66.62	3.00	0.156-N 32 1/4 E-156 ft.	
	1	68.97	65.80	3.17		
	1.56	68.72	65.39	3.33	1.56-4.87-N 11 1/4 W-331 ft.	
Dead Oak L	B	70.02				
	2	68.47	64.98	3.49		
	3	67.92	64.16	3.76		
	4	67.57	63.34	4.23		
Lat 1 of 7 of 11 R	4.87	67.67	62.70	4.97	4.87-7.42-N 60 E-257 ft.	
	5	67.27	62.52	4.75		
	-6	65.87	61.70	4.17		
	-7	64.67	60.67	4.00		
Lat 2 of 7 of 11 R	7.42	64.12	60.61	3.51	7.42-16.66-N 46 E-92.4 ft.	
" 3 " 7 " 11 R	7.67	63.52	60.58	2.94		
	-8	63.37	60.20	3.17		
	9	63.48	60.10	3.38		
	10	63.60	60.00	3.60		
	1	63.75	59.90	3.85		
	2	63.65	59.80	3.85		
	3	63.55	59.70	3.85		
	4	63.35	59.60	3.75		
	5	63.05	59.50	3.55		
	6	63.05	59.40	3.65		
	16.66	63.10	59.27	3.83		

Line Duncan + Strawbridges 15.37

Record of	Ditch Improvement No.					
Remarks	No Station	Elevation Grade Grade Line	Grade Line	Out	Course and Distance	Explanation
	5	88.05	83.16	4.89		
Lat 1 of 12 R	15.62	86.60	82.78	3.82		
	-6	86.50	82.00	4.50		
	7	86.00	81.70	4.30		
Bur Oak R	B	86.65				
	8	85.55	81.40	4.15		
	9	85.05	81.10	3.95		
	20	84.35	80.80	3.55	20.13-26.04-S 24 1/2 E-591..	
	1	83.90	80.50	3.40		
	2	83.60	80.20	3.40		
	3	83.30	79.90	3.40		
	4	82.90	79.60	3.30		
	5	82.95	79.30	3.65		
	6	83.10	79.00	4.10	26.04-35.80-S 72 3/4 E-876..	
West Cherry R	B	86.35				
	27	82.65	78.70	3.95		
	8	82.25	78.40	3.85		
	9	82.05	78.10	3.95		
	30	81.95	77.80	4.15		
	1	81.75	77.50	4.25		
	2	81.60	77.20	4.40		
	3	81.35	76.90	4.45		
	4	80.90	76.60	4.30		
	5	80.35	76.30	4.05		
	6	80.05	76.00	4.05		
	7	79.40	75.70	3.70		
	8	78.70	75.40	3.30		
	9	78.65	75.10	3.55	39.09-41.32-S 51 1/4 E-221..	
Bur Oak R	B	82.10				
	-40	77.95	74.75	3.20		Line Plowman & Duncanson 40.14 cross old Xenia road 40.44
	1	77.60	74.20	3.40	41.32-44.88-S 36 1/4 E-356..	
	2	77.50	73.70	3.80		
	3	76.85	73.20	3.65		
	4	76.45	72.70	3.75	44.88-51.40-S 74 1/2 E-552..	
Bur Oak R	B	78.95				
	5	77.00	72.20	4.80		
	6	75.85	71.70	4.15		
Lat 2 of 12 R	46.66	75.80	71.40	4.40		
	7	75.70	71.20	4.50		
	8	75.55	70.70	4.85		
	9	75.30	70.20	5.10		
	-50	74.85	69.70	5.15	57.40-53.24-S 58 1/4 E-284..	

Record of	Strawbridge		Ditch Improvement No.			
Report of Engineer						
Remarks	No Station	Elevation Grade Line	Grade - Levy	cut	Course and Distance	Explanation
Elm Right	B	75.77				
	1	74.40	69.47	4.93		
	2	74.20	69.24	4.96		
	3	73.95	69.01	4.94		
Lat No 3. R	53.30	73.50	68.94	4.56	53.24-57 ⁰⁰ N 42 1/2 E 376..	
	4	73.80	68.78	5.02		
	5	73.40	68.58	4.85		
Lat 4-R	55.15	73.40	68.50	4.90		
	6	73.05	68.32	4.63		
	7	72.95	68.09	4.86	57 ⁰⁰ - 58.40 - N 60 3/4 E 140..	
Lat 5 L	57.42	72.60	68.00	4.60		
Lat 6 L		72.65	67.86	4.79	58.40 - 59.61 N 80 E 121..	
	9	73.10	67.63	5.47	59.61 - 61.12 - N 65 1/2 E - 157..	
	60	72.00	67.40	4.60		
	1	71.90	67.17	4.73	61.12 - 64.50 - S 57 ⁰⁰ E 338..	
	2	71.30	66.94	4.36		
	3	71.15	66.71	4.44		
	4	70.95	66.48	4.47		
Lat 7 L	64.50	71.65	66.36	5.29	64.50 - 66.50 - S 5 3/4 E 200 1/2	
	5	71.05	66.28	4.80		
	6	70.85	66.02	4.83	66.50 - 67.60 - S 37 W - 110..	
	7	70.60	65.79	4.81	67.60 - 69.75 - S 62 1/2 E 215..	
	8	70.85	65.56	5.29		
	9	69.90	65.33	4.57	69.75 - 71.57 - S 46 E 182..	
	70	69.75	65.10	4.65		
	1	69.30	64.87	4.43		
Lat 8 R	71.06	69.45	64.85	4.60	71.57 - 74.45 - S 65 ⁰⁰ - 288..	
	2	69.00	64.64	4.36		
	3	68.65	64.41	4.24		
	4	68.00	64.18	3.82		
Lat-9-R	74.27	67.90	64.12	3.78	74.45 - 76.86 - N 85 1/2 E - 241..	
	-5	67.35	63.95	3.40		
	6	67.35	63.70	3.65		
Lat-10-R	76.31	67.20	63.62	3.58	76.86 - 82.27 - N 63 1/2 E - 591..	
	77	67.05	63.45	3.60		
	77.78	67.10	63.27	3.83		
	8	67.05	63.20	3.85		
	9	66.75	62.95	3.80		
	79.80	66.60	62.75	3.85		
	80	66.45	62.70	3.75		
	1	65.95	62.45	3.50		
	81.36	65.85	62.37	3.48		

Record of	Stawbridge		Ditch Improvement No.		Reports of Engineer		
Remarks	No Station	Elevation Grade Line	Grade Line Cut	Course and Distance	Explanation		
	2	65.90	62.20	3.70			
Bur Oak - L	B	70.20					
	3	65.95	61.95	4.00			
	4	65.50	61.70	3.80			
	5	65.50	61.45	4.05		Line Duncan + Stawbridge 85.14	
	6	65.45	61.20	3.35			
	7	64.40	60.95	3.45	87-93.50-N 45 1/4 E - 650..		
	8	63.75	60.70	3.05			
Lat-15-L	88.50	63.90	60.58	3.32			
	9	63.50	60.45	3.05			
	90	63.50	60.20	3.30			
	1	63.15	59.95	3.20			
Lat-16-L	91.80	63.00	59.75	3.25			
	-2	63.20	57.70	3.50			
	3	62.05	58.55	3.50			
	93.50	61.35	57.40	3.95		Intersect Main ditch at 147.35	
	Lat 1 of 12 at 15.62 of 12-L						
	-0	93.45	89.45	4.00	0-100-S 19 1/4 E - 100 ft		
Ash tree - L	B	93.45	-1.10				
	-1	92.75	88.35	4.40	100-600-S 8 W - 500..		
	2	92.20	88.60	4.20			
	3	91.65	87.65	4.00			
	4	91.60	87.30	4.30			
	5	91.35	86.95	4.40			
	6	90.70	86.60	4.10	6-11-S 39 1/2 E - 500..		
	7	90.05	86.25	3.80			
	8	89.30	85.90	3.40			
	9	88.70	85.55	3.15			
	10	88.20	85.20	3.00			
	1	88.00	84.85	3.15	11-16.44-S 11 1/2 W - 544..		
	2	87.50	84.50	3.00			
	3	87.25	84.15	3.10			
Elm - R	B	99.45					
	4	87.20	83.80	3.40			
	5	86.80	83.45	3.35			
	6	86.85	83.10	3.75			
	16.44	86.60	82.78	3.82			
	Lat 2 of 12 at 46.66 of 12-R						
	-0	82.80	79.30	3.50	0-7.34-N 89 E - 724..		
	1	81.20	77.85	3.45			
	-2	80.15	76.40	3.75			
	3	78.60	74.95	3.65			

Record of	Strawbridge		Ditch Improvement No.			
	Report of Engineer					
Remarks	No Station	Elevation of Grade Line	Grade Line	cut	Course & Distance	Explanation
	-4	77.50	73.50	4.00		
	5	76.85	73.00	3.85		
	6	76.55	72.50	4.05		
	7	75.75	72.00	3.75		
	7.24	75.80	71.40	4.40		
		Lat 3 of 12 at 53.30 - of - 12 - R				
	-0	85.50	82.00	3.50	0-288-0 77 1/4 E - 288 ft	
	1	85.35	81.70	3.65		
	2	85.05	81.40	3.65	288-509-0 55 E 221 "	
	3	85.00	81.10	3.90		
Elm	B	86.38				
	4	84.95	80.80	4.15		
	-5	85.05	80.50	4.55	5.09-7-0 43 E - 191 "	Line Mary Puffer and Strawbridge 4.02
	6	84.70	80.20	4.50		
	7	84.55	79.90	4.65	7-8.62-0 38 1/2 E - 162 "	
	8	84.10	79.60	4.50	862-11.16-0 54 E - 254 "	
	9	84.25	79.30	4.95		
	10	83.50	79.00	4.50		
	1	83.20	78.70	4.50	11.16-14-0 65 1/2 E - 284 "	
Bur Oak R	B	83.75				
	-2	82.80	78.40	4.40		
	3	82.00	78.15	3.85		Line Strawbridge & Duncan 14.84
	4	82.80	77.90	4.90	14-15.80-S 50 1/4 E 180 "	
	5	82.80	77.65	5.15	15.80-17.58-N 71 E 178 "	
	6	82.75	77.40	5.35		
	7	82.20	77.15	5.05	17.58-23-N 43 3/4 E 542 "	
	8	81.20	76.90	4.30		
	9	81.90	76.65	5.25		
	20	81.20	76.40	4.80		
	1	80.50	76.15	4.35		
	-2	79.75	75.90	3.85		
Bur Oak L	B	80.45				
	3	79.40	75.18	4.22	23-24.85-N 24 1/4 E - 185 "	
	4	78.55	74.46	4.09	24.85-29.62-N 38 1/2 E - 477 "	
	5	77.90	73.74	4.16		
	6	76.20	73.02	3.18		
	-7	75.40	72.00	3.40		
	27.35	75.55	72.08	3.47		
	8	74.90	71.65	3.25		
	9	74.50	71.00	3.50	29.62-31.60-N 13 1/2 W 198 "	
	30	74.20	70.35	3.85		
	-1	74.05	69.70	4.35		

Record of	Sturbridge		Ditch Improvement No.			
Remarks	No Station	Elevation Grade Line	Grade Line	Out Course	Distance	Explanation
	31.60	73.50	68.94	4.56		
		Lat 1 of 3 of 12 at 27.35 of - 3-R				
	0	79.85	75.85	4.00	0-4.37-N26 1/2 W-437 ft	
	1	79.40	75.10	4.30		
	2	78.20	74.35	3.85		
	3	76.65	73.60	3.05		
	4	76.20	72.85	3.35		
	4.37	75.55	72.08	3.47		
		Lat 4 of 12 at 55.15 of 12-R				
	-0	77.25	73.75	3.50	0-1.58-N13 W-158 ft	
	1	75.95	73.03	2.92	1.58-5.15-N 44° W-357	
	2	75.50	72.31	3.19		
	3	74.55	71.59	2.96		
	4	74.25	70.87	3.38		
	-5	74.15	70.15	4.00		
	5.15	73.40	68.50	4.90		
		Lat 5 of 12 at 57.42 of 12-L				
	0	81.55	78.00	3.55	0-2.19-S 53 3/4 E 219 ft	
	1	80.70	77.08	3.62		
	2	80.40	76.16	4.24		
	3	79.40	75.24	4.16	2.19-3.57-S 37 1/4 E - 132	
Bur Oak - L	B	80.20				
	4	78.15	74.32	3.83	3.51-5.73-S 24 3/4 E - 222	
	5	77.05	73.40	3.65		
Lat 1 of 5 of 12-L	5.60	76.80	72.80	4.00	5.73-10.67-S 72 3/4 E 594	
	-6	76.50	72.50	4.00		
	7	75.75	71.90	3.85		
	8	74.85	71.30	3.55		
	9	74.60	70.70	3.90		
	10	74.10	70.10	4.00		
	1	73.90	69.50	4.40		
	11.67	72.60	68.00	4.60		
		Lat 1 of 5 at 560 of 5 of 12-L				
	0	80.95	77.45	3.50	0-3.00-S 24 3/4 W - 300 ft	
	1	79.05	75.90	3.15		
	2	77.40	74.35	3.05		
	3	76.80	72.80	4.00		
		Lat 1 of 5 at 560 of 5 of -12-L				
	0	80.95	70.65	3.50	0-3° 9 45 1/2 E 300 ft	
	1	79.05	69.85	3.15		
	2	77.40	69.05	3.05		
	3	76.80	67.50	4.00		

Strawbridge
Report of Engineer

Ditch Improvement No.

Record of	No	Elevation	Grade	Course and	Explanation
Remarks	Station	Grade	Line	Distance	
	<i>Lat 6 of 12 at 58 of 12-B</i>				
	-0	74.65	70.65 -.80	4.00	0-3 ⁰⁰ -84 ⁰ 2E - 300ft.
	1	74.20	69.85	4.35	
	-2	74.15	69.05 -1.19	5.10	
	3	72.65	67.86	4.79	
	<i>Lat 7 of 12 at 64.50 of 12-B</i>				
	-0	74.05	70.05 -.20	4.00	0-3 ⁰⁰ -N69 ³ 4E - 300ft.
	1	73.85	69.85	4.00	
	-2	73.65	69.65	4.00	
	3	73.75	69.45	4.30	3-6.72-0 ⁰ 42 ¹ 2E - 372..
	4	73.70	69.25	4.45	
	5	73.90	69.05	4.85	
	6	73.20	68.85	4.35	6.72-8.50-06 ³ 4W 178..
	7	73.45	68.65	4.80	
	8.50	72.85	68.45	4.40	
	8.50	71.65	66.36 2.89	5.29	
	<i>Lat 8 of 12 at 71.00 of 12-R</i>				
	-0	75.60	72.00 1.50	3.60	0-2.83-N62 ³ 4E - 283 ft.
	1	73.90	70.50	3.40	
	-2	72.35	69.00 -.70	3.35	2.83-5.96-N30 ¹ 2E - 313..
	3	71.80	68.30	3.50	
	4	71.20	67.60	3.60	
	-5	70.95	66.90	4.05	
	5.96	69.45	64.85 2.05	4.60	
	<i>Lat 9 of 12 at 74.27 of 12-R</i>				
	0	74.15	70.65 1.81	3.50	2- N44¹2 -200ft 2-24-N3 ³ 4E 4.34
	1	72.80	69.74	3.36	
	2	71.65	68.23	3.42	2-4.43-N10E - 243..
	3	70.60	67.02 1.62	3.58	
	-4	69.80	65.80 1.68	4.00	
	4.43	67.90	64.12	3.78	
	<i>Lat 10 of 12 at 76.31 of 12-R</i>				
	-0	71.70	68.60 .90	3.10	0-4.34-N3 ³ 4E 4.34
	1	70.95	67.70	3.25	
	2	70.34	66.80	3.50	
	3	69.80	65.90	3.90	
	-4	69.05	65.00 1.35	4.05	
	4.34	67.20	63.62	3.58	
	<i>Lat 11 of 12 at 77.77 of 12-R</i>				
	0	81.80	77.50 .60	4.50	0-3 ⁰⁰ -N54 ¹ 2E - 300ft.
	1	81.30	77.00	4.30	
	2	80.45	76.70	3.75	

Record of	Straw	Ditch Improvement No.				
Remarks	No Station	Elevation Grade of Grade Line	Grade Line cut	Course and Distance	Explanation	
Lat 1 of 11 of 12 - L Elm R	3	80.00	76.40	3.60	S-6-S80 1/2 E - 300 ft.	
	B	80.45				
Lat 2 of 11 - L	4	79.70	76.10	3.60		
	5	79.75	76.80	3.95		
	6	78.95	75.50	3.45	S-8.08-S 57 1/4 E 208 ..	
	7	78.80	75.20	3.60		
	8	78.65	74.90	3.75	S 8.08-9.40-S 57 1/2 E. - 132 ..	
	9	77.75	74.60	3.15	9.40-14.34-N 40 3/4 E - 4.94 ..	
	10	78.15	74.30	3.85		
	1	77.70	73.80	3.90		
	2	77.65	73.30	4.35		
	12.75	78.40	72.93	5.47		
	-3	77.95	72.86	5.15		
	Double Bur Oak R	4	75.90	71.42	4.48	S 4.34-17.90-N 67 1/4 E - 556 ..
B		78.75				
15		73.90	70.04	3.86		
6		72.45	68.66	3.79		
7		71.55	67.28	3.27		
Lat 3 of 11 - R		17.90	70.70	66.92	3.78	S 17.90-24.12-N 2 3/4 E - 622 ..
	-8	70.85	66.85	4.00		
	9	70.70	66.42	4.28		
	20	70.30	65.99	4.31		
	1	69.95	65.56	4.39		
	2	69.55	65.13	4.42		
	3	68.85	64.70	4.15		
	-4	68.55	64.27	4.28		
	27.12	67.10	63.27	3.83		
	Lat 1 of 11 of 12 at 3 of 11 - L.					
	0	81.90	78.40	3.50	S 0-2.76-S 19 W - 276 ..	
1	81.65	78.07	3.58	2.76-5.72-S 49 1/4 E 296 ..		
2	81.30	77.74	3.56			
3	80.95	77.41	3.54			
4	80.70	77.08	3.62			
-5	80.15	76.75	3.40			
5.72	80.00	76.40	3.60			
Lat 2 of 11 of 12 at 6 of 11 L.						
-0	80.50	77.10	3.40	S 0-3.90-S 6 1/2 W - 390 ft.		
1	80.05	76.70	3.35			
2	79.75	76.30	3.45			
3	79.60	75.90	3.70			
-3.90	78.95	75.50	3.45			

Record of		Starrbridge				Ditch Improvement No.	
Remarks	No Stations	Elevation Grade Line	Grade Line	cut	Course and Distance	Explanation	
	Lat 3 of 11	of 12 at	-17.90	of 11-R.			
	-0	73.45	69.45	4.00	0-2-A 2 3/4 E 200ft.		
	-1	71.70	67.70	4.00			
	2	70.70	66.92	3.78			
	Lat 12 of 12	at 79.80	of -12-R.				
	-0	70.80	67.80	3.00	0-5.52-N 11 3/4 W - 552ft.		
	1	70.85	67.20	3.65			
	2	70.30	66.60	3.70			
	3	69.85	66.00	3.85			
	-4	69.40	65.40	4.00			
	5	68.10	64.16	4.00			
	5.52	66.60	62.75	3.85			
	Lat 13 of 13	of 81	of -12-R				
	-0	71.80	68.30	3.50	0-1.67-N 18° W 167ft		
	1	71.40	67.26	4.14	1.67-4.90-N 28 1/4 W 323..		
	2	70.75	66.22	4.53			
	3	69.45	65.18	4.27			
	-4	68.15	64.15	4.00			
	4.90	65.95	62.45	3.50			
	Lat 14 of 12	at 81.36	of 12 L.				
	-0	70.20	66.90	3.60	0-4.40-0 74 1/2 E - 440ft		
	1	69.25	65.70	3.55			
	2	68.95	64.80	4.15			
	3	67.95	63.90	4.05			
	-4	67.50	63.00	4.50			
	4.40	65.85	62.37	3.48			
	Lat 15 of 12	at 88.50	of 12-L.				
	-0	66.70	62.70	4.00	0-3.47-0 85 1/4 E - 3.47ft		
	1	65.80	62.30	3.50		Line Duncan + Starrbridge 1.72	
	2	65.40	61.90	3.50			
	-3	65.20	61.50	3.70			
	3.50	63.90	60.58	3.32			
	Lat 16 of 12	at 91.80	of 12 Left				
	0	64.30	61.00	3.30	0-5.50-0 65° E - 550ft.		
	1	64.30	60.80	3.50		Line Duncan + Starrbridge 1.40	
	2	64.35	60.60	3.75			
	3	64.20	60.40	3.80			
	4	64.20	60.20	4.00			
	5	64.10	60.00	4.10			
	5.50	63.00	59.75	3.25			
	Lat 13 of Main Ditch	at 155 of Main R					
	-0	70.60	67.10	3.50	0-4.05-N 68 3/4 E - 4.05ft.		
	1	68.80	66.26	2.54			

Record of	Strainbridge		Ditch Improvement No.			
Remarks	No Station	Elevation Grade Line	Grade Line	Cut	Course and Distance	Explanation.
	2	68.70	65.42	3.28		
	3	68.50	64.58	3.92		
	4	67.55	63.74	3.81		
	4.05	67.55	63.70	3.85		
	B	68.85				
	-5	66.90	62.90	4.00		
	6	65.75	61.75	4.00		
	-7	65.05	60.60	4.45		
	8	64.25	59.79	4.46		
	-9	63.35	58.98	4.37		
	-10	62.65	58.15	4.50		
	10.90	60.70	57.71	3.99		
	Lat 1 of 13 at 4.05 of 13-R					
	-0	69.40	66.00	3.40	0-4.00-N40°W	400 ft.
	1	69.20	65.62	3.58		
	2	69.10	65.24	3.86		
	3	68.90	64.86	4.04		
	4	68.50	64.48	4.02	4-5.60-N17 1/4 W	160.
	-5	68.05	64.10	3.95		
	5.60	67.55	63.70	3.85		
	Lat 2 of 13 at 7 of 13-R					
	-0	68.20	65.00	3.20	0-2.96-N2 1/2 E	296 ft.
	1	67.05	63.52	3.53		
	2	66.05	62.04	4.01		
	2.96	65.05	60.60	4.45		
	Lat 3 of 13 at 9 of 13-Left					
	-0	66.35	63.00	3.35	0-3.07-S78 1/4 E	307 ft.
	1	64.80	62.00	2.80		
	2	64.10	61.00	3.10		
	3	63.30	60.00	3.30		
	3.07	63.35	58.98	4.37		
	Lat 14 of Main ditch at 155.63 of Main D.					
	0	64.35	60.35	4.00	0-13.98-S.28 1/4 W	1398 ft.
	1	64.05	60.20	3.85		
	2	63.90	60.05	3.85		
	3	63.75	59.90	3.85		
	4	63.65	59.75	3.90		
	5	63.65	59.60	4.05		
	6	63.55	59.45	4.10		
	B	64.40				
	7	63.50	59.30	4.20		
	8	63.50	59.15	4.35		
	9	63.50	59.00	4.50		

Lat 1 of 14-R

Boulder R

Record of	Strawbridge		Ditch Improvement No.			
Report of Engineer						
Remarks	No. Station	Elevation Grade Line	Grade Line	Cut	Course and Distance	Explanation
	10	63.55	58.85	4.70		
	1	63.10	58.70	4.40		
	2	63.05	58.55	4.50		
	-3	62.80	58.40	4.40		
	13.98	60.55	56.65	3.90		
	Lat 1 of 14 at 3 of 14 - R					
	0	64.35	60.35	4.00	0-2.47-S 34 1/2 E - 2.47	
	1	64.00	60.20	3.80		
	2	64.00	60.05	3.95		
	2.47	63.75	59.90	3.85		
	Lat 2 of 14 at 8 of 14 - L					
	0	64.40	60.35	4.05	0-6.16-S 60 1/2 W - 6.16	
	1	64.35	60.20	4.15		
	2	64.55	60.05	4.50		
	3	63.65	59.90	3.75		
	4	63.60	59.75	3.85		
	5	63.45	59.60	3.85		
	-6	63.60	59.45	4.15		
	6.18	63.50	59.15	4.35		
	Lat 3 of 14 at 9 of 14 - R					
	-0	64.50	60.50	4.00	0-5.20-S 24 E - 5.20	
	-1	63.85	60.30	3.55		
	2	63.65	60.10	3.55		
	3	63.75	59.90	3.85		
	4	63.60	59.70	3.90		
	-5	63.55	59.50	4.05		
	5.20	63.50	59.00	4.50		
	Lat 4 of 14 at 11 of 14 - R					
	0	64.15	60.50	3.65	0-3.93-S 33 E - 3.93	
	1	63.60	60.05	3.55		
	2	63.70	59.60	4.10		
	3	63.35	59.15	4.20		
	3.93	63.10	58.70	4.40		
	Lat 15 of Main Ditch 158 - L					
	-0	64.10	60.10	4.00	0-6.46-S 28 1/4 W - 6.46	
	1	64.05	59.85	4.20		
	2	63.95	59.60	4.35		
	3	63.85	59.35	4.50		
	4	63.45	59.10	4.35		
	5	63.25	58.85	4.40		
	6	62.95	58.60	4.35		
	6.46	60.70	56.45	4.25		

Record of	Strawbridge		Ditch Improvement No.		Report of Engineer				
Remarks	No Station	Elevation of Grade Line	Grade Line	cut	Course and Distance	Explanation.			
Bur Oak - L	0	62.00	58.00	4.00	at 167.62 Left				
	1	61.70	57.85	3.85	0-568-2 28 1/4 E - 5.58				
	2	61.30	57.70	3.60					
	B	63.85							
	3	61.20	57.55	3.75					
	4	61.50	57.40	4.10					
	-5	61.35	57.25	4.10	558-6.35-S 11 1/2 W - 0.97				
	6 26	61.35	56.45	4.90					
	6.35	59.85	55.63	4.22					
	Lat 1 of 17	0	70.35	66.85	3.50	Lat 17 of Main ditch at 175.15 of Main ditch R.			
1		70.45	66.25	4.20	0-3.66-S 15 1/2 E - 366 ft.				
2		69.20	65.65	3.55					
3		68.20	65.05	3.15					
3.66		67.90	64.65	3.25	3.66-11-S 85 E - 734 "				
4		67.70	64.45	3.25		Line Duncan & Strawbridge 4.36			
5		67.45	63.85	3.60					
-6		67.40	63.25	4.15					
Lat 2 of 17-L		7	67.20	63.00	4.20				
		8	67.40	62.75	4.65				
	9	67.25	62.50	4.75					
	10	67.35	62.25	5.10					
	Lat 3 of 17-R Lat 4 of 17-R	1	67.35	62.10	5.35	11-15-N 87 1/2 E 400 "			
		2	67.40	61.75	5.65				
		3	67.70	61.50	6.20				
		4	67.95	61.25	6.70				
		Bur Oak R	B	67.25					
			5	66.30	61.00	5.30	15-19.31-S 32 1/2 E - 431 "		
6			64.90	60.75	4.15				
-7			63.90	60.50	3.40				
8			62.80	59.50	3.30				
Lat 5 of 17-L			18.50	62.40	59.00	3.40			
	9		62.20	58.50	3.70				
	19.31		62.10	58.35	3.75	19.31-23.26-S 66 E 395 "			
	20		62.00	57.45	4.55				
	1		61.60	57.25	4.35		Line Strawbridge & M. Pufferberger 21.25		
	2	61.60	57.05	3.95					
	3	61.15	56.85	4.30					
	23.25	60.95	56.80	4.15	23.26-24.56-N 73 E 130 "				
	4	60.85	56.65	4.20	24.56-31.60-N 65 1/2 E 604 "				
	Willow R	5	60.50	56.45	4.05		Line Pufferberger & Strawbridge 25.00		
B		61.50							

Record of	Ditch Improvement No.					
Remarks	No Station	Elevation of Grade Line	Grade Line	Cut	Course and Distance	Explanation
	6	60.40	56.25	4.15		
	7	59.90	56.05	3.85		
	8	59.90	55.85	4.05		Line Strawberry & Phifer 28.13
	9	59.65	55.65	4.00		
	30	59.40	55.45	3.95		
	1	57.05	55.25	3.80		
	31.60	58.75	55.00	3.75		
		Lat 1 of 17 at 3.66 - R -				
	0	71.95	68.45	3.50	0-2-N 56 1/2 E	200 ft.
	1	69.35	66.55	2.80		
	2	67.90	64.65	3.25		
		Lat 2 of 17 at 7 of 17 - L				
	0	68.60	65.00	3.60	0-3.32-S 20 E - 331 ft.	
	1	67.70	64.50	3.20		
	2	67.35	64.00	3.35		
	3	67.40	63.50	3.90		
	3.32	67.20	63.00	4.20		
		Lat 2 of 17 at 7 of 17 - L				
	0	68.60				
	1	67.70				
	2	67.35				
	3	67.40				
		Lat 3 of 17 at 11 of 17 - R				
	0	66.50	63.00	3.50	0-3.41-N 14 1/2 E - 341 "	
	1	67.10	62.75	4.35		
	2	67.40	62.50	4.90		
	3	67.35	62.25	5.10		
	3.41	67.35	62.00	5.35		
		Lat 4 of 17 at 12 of 17 - L				
	0	68.95	64.80	4.15	0-4.05-S 31 1/4 E	405 "
	1	68.15	64.40	3.75		
	2	67.60	64.00	3.60		
	3	67.50	63.60	3.90		
	4	67.45	63.20	4.25		
	4.06	67.40	61.75	5.65		
		Lat 5 of 17 at 18.50 of 17 - L				
	0	64.85	61.35	3.50	0-4.20-S 46 W - 420 "	
	1	64.65	60.88	3.77		
	2	64.05	60.41	3.64		
	3	63.10	59.94	3.16		
	4	62.50	59.47	3.03		
	4.20	62.40	59.00	3.40		

Record of	Ditch Improvement No.					
Remarks	No Station	Elevation Grade Grade Line	Grade Line	but	Course and Distance	Explanation
		Lat 18 of Main ditch at - 178.39 of Main left.				
	0	65.80	61.80	4.00	0-300 - S 33° W - 300 ft.	
	1	65.50	61.70	3.80		
	2	65.25	61.60	3.65		
	3	65.33	61.50	3.83		
	4	65.60	61.40	4.20		
Maple R	B	66.05				
	5	65.15	61.30	3.85		
Lat 1 of 18	5.90	65.15	61.21	3.94	3.592 - S 42 1/2 W - 292 ft.	
	6	65.10	61.20	3.90		
	7	64.64	61.10	3.55		
	8	64.75	61.00	3.75		
Lat 2 of 18 - R	8.50	65.20	60.95	4.25	5.92 - 8.50 - S 32° E - 251 ft.	
	9	65.20	60.90	4.30	8.50 - 14. - S 16 3/4 E - 550.	
	10	65.10	60.80	4.30		
	11	65.10	60.70	4.40		
	12	65.05	60.60	4.45		
	13	65.00	60.50	4.50		
	14	64.85	60.40	4.45	14 - 19 - S 24 1/4 E - 544.	
	15	64.10	60.30	3.80		
Lat 3 of 18 L.	15.25	64.60	60.26	4.34		
	16	64.05	60.20	3.85		
	17	64.00	60.10	3.90		
	18	63.85	60.00	3.85		
	19	63.95	59.90	4.05	19.44 - 24.09 - S 10° E - 465.	
	20	63.90	59.80	4.10		
	21	64.30	59.70	4.60		
	22	63.95	59.60	4.35		
	23	63.60	59.50	4.10		
Bur Oak - L	B	66.45				
	24	63.55	59.40	4.15	24.09 - 29.17 - S 25 1/2 E - 508.	
Lat 4 of 18 - R	25	63.60	59.30	4.30		
Lat 5 of 18 - R	25.40	63.35	59.26	4.09		
	26	63.35	59.20	4.15		
	27	63.25	59.10	4.15		
	28	63.25	59.00	4.25		
Lat 6 of 18 - L	29	63.10	58.90	4.20	30.17 - 34.80 - S 4 3/4 E - 463.	
	30	63.05	58.80	4.25		
	31	63.90	58.70	5.20		
Bur Oak R.	B	65.90				
	32	62.75	58.60	4.15		
Lat 7 of 18 - L	32.50		58.55			line of Strawbridge & Phipps 27.52

Record of	Strawbridge		Ditch Improvement No.		Report of Engineer		
Remarks	No Station	Elevation Grade Line	Grade Line	Cut	Course and Distance	Explanation	
	3	62.60	58.50	4.10			
	4	62.55	58.40	4.15			
Lat 8 of 18 - R	34.80	62.55	58.32	4.23	34.80-36.66-S 49° E - 186.		
	5	62.60	58.30	4.30			
	6	62.60	58.20	4.40			
Lat 9 of 18 - L	36.66	62.35	58.13	4.22	36.66-45.60-S 1° E - 894.		
Lat 10 of 18 - L	7	62.20	58.10	4.10			
	8	61.95	58.00	3.95			
	9	61.95	57.90	4.05			
	-40	61.90	57.80	4.10			
	1	61.75	57.67	4.08			
	2	61.75	57.54	4.21			
	3	61.60	57.41	4.19			
	4	61.45	57.28	4.17			
	5	61.35	57.15	4.20			
Lat 11 of 18 - R	45.55	61.00	57.08	3.92	45.60-48.57-S 29 1/2° E - 297.		
Lat 12 of 18 - L	6	61.40	57.02	4.38			
	7	61.35	56.89	4.46			
	8	61.25	56.76	4.49			
Lat 13 of 18 - L	9	61.05	56.63	4.42	48.57-60-S 10 3/4° W 1143.		
	50	61.20	56.50	4.70			
Lat 14 of 18 - L	50.92	50.70	56.40	4.30			
	1	60.80	56.37	4.43			
	2	60.70	56.24	4.46			
	3	60.70	56.11	4.59			
	4	60.57	55.98	4.59			
Boulder in left side ditch	B	60.32					
Lat 15 of 18 - L	54.94	60.22	55.87	4.35			
Lat 16 of 18 - R	5	60.22	55.85	4.37			
	6	60.05	55.72	4.33			
Lat 17 of 18 - L	56.67	59.82	55.67	4.18			
	7	59.69	55.59	4.10			
Lat 18 of 18 - R	57.83	59.77	55.49	4.28			
	8	59.52	55.46	4.06			
Lat 19 of 18 - L	58.14	59.32	55.44	3.88			
	9	60.62	55.33	5.29			
Cottonwood - R	B	61.62					
	60	59.02	55.20	3.82	60.-63.08-S 0 3/4° W - 308.		
	1	59.43	55.07	4.36			
	2	59.75	54.94	4.81			
Honey Locust L	B	61.75					
	3	59.20	54.81	4.31			
	63.08	58.65	54.71	3.94			

Record of	Strawbridge		Ditch Improvement No.		Report of Engineer.	
Remarks	No. Station	Elevation of Grade Line	Grade Line	Cut	Course and Distance	Explanations
		Lat 1 of 18 at 5.90 of 18 - R.				
	0	65.95		4.00	0-3.88-S 12° E - 288 ft.	
	1	65.55		3.78		
	2	65.49		3.81		
	3	65.30		3.89		
	3.88	65.15		3.94		
		Lat 2 of 18 at 8.50 of 18 - R.				
	0	68.83	65.00 - .20	3.83	0-2.42-S 38 3/4° E - 242.	
	1	68.28	64.80	3.48		
	2	67.88	64.60	3.28		
Lat 1 of 2 of 18 - L	2.43	68.48	64.50	3.98	2.43-S 63° E - 220	
	3	68.56	64.40	4.16		
Bur Oak L.	B	70.13				
	4	68.45	64.20	4.25	4.63-7 N 88° E - 227.	
	-5	68.35	64.00 - .25	4.35		
	6	67.90	63.75	4.15		
	7	67.87	63.50	4.37	7-10-S 63° E - 300.	
	8	67.85	63.25	4.60		
	9	67.55	63.00	4.50		
	10	67.10	62.75	4.35	10-15.10-S 74 1/2° E - 510.	
	1	67.10	62.50	4.60		
	2	67.90	62.25	4.65		
	3	67.30	62.00	4.30		
Bur Oak L.	B	67.90				
	4	65.50	61.75	3.75		
	5	64.95	61.50	3.45		
	15.70	65.20	60.95	4.25		
		Lat 1 of 2 of 18 at 2.43 of 2 - L.				
	0	68.98	65.10 - .15	3.88	0-3.23-S 29° W - 323 ft.	
	1	68.78	64.95	3.83		
	2	68.18	64.80	3.38		
	3	68.58	64.65	3.93		
	3.23	68.48	64.50	3.98		
		Lat 2 of 2 of 18 at 7 of 2 L.				
	-0	68.35	64.25 - .25	4.05	0-2.11-S 34° E - 211 ft.	
	1	68.25	64.00	4.25		
	2	67.95	63.75	4.20		
	-2.11	67.85	63.50	4.37		
		Lat 3 of 18 at 15.25 of 18 L.				
	0	66.30	62.50 - .50	3.85	0-2.00-S 66 1/2° W - 200 ft.	
	1	65.60	62.20	3.40		
	2	65.70	61.90	3.80		

Record of	Report Strawbridge		Ditch Improvement No.		Report of Engineer		Explanation.			
Remarks	No Station	Elevation Grade Soil	Grade Soil	Grade Soil	Course and Distance					
Lat-1-of-3 of 18-R Bur Oak L	3	65.90	61.60	4.30	3.00-5.23-063 1/2 W - 223.	Line Phifer + Strawbridge 3.87				
	B	68.29	61.15	7.14						
	4	66.02	61.45	4.57						
	5	65.80	61.30	4.50						
	523	66.10	61.26	4.84			5.23-7.50-067°W 227.			
Lat 2 of 3 of 18-L	6	66.30	61.15	5.15	7.50-11.25-029°W- 375.					
	7	65.70	61.00	4.70						
Lat 3 of 3 of 18-TR	7.50	65.20	60.93	4.27						
	8	65.65	60.85	4.80						
	9	65.50	60.70	4.80						
	10	65.75	60.55	5.20						
	1	64.55	60.40	4.15						
	11.25	64.60	60.26	4.34						
	Lat 1 of 3 of 18-at-3-of-3.									
	0	65.85	62.05	3.80			0-2.60-032°W- 2160 ft.			
	1	65.65	61.90	3.75						
	2	65.70	61.75	3.95						
2.60	65.70	61.60	4.10							
Lat 2 of 3 of 18-at 5.23-of 3-L.										
0	66.75	63.25	3.50	0-1.50-057 1/2 W - 150 ft.						
1	66.20	62.95	3.25	1.50-2.80-N38 3/4 W- 130.						
2	66.27	62.65	3.52	2.80-5.08-N24 1/2 W 258.						
3	66.25	62.35	3.90							
4	66.90	62.05	4.85							
5	66.30	61.75	4.55							
5.08	66.10	61.26	4.84		272 Line Strawbridge + Phifer.					
Lat 3 of 3 of 18-at-250 of 3-TR										
-0	66.00	62.00	4.00	0-4.80-N63 1/2 E-028°W- 480 ft.						
1	65.75	61.80	3.95							
2	65.65	61.60	4.05							
3	65.65	61.40	4.25							
-4	65.50	61.20	4.30							
Lat 4 of 4 of 18-L	4.80	65.20	60.93	4.27						
Lat 4 of 18-at-2540-of-18-TR										
-0	65.75	61.75	4.00	0.408-N63 1/2 E - 408 ft.						
1	65.45	61.51	3.94							
2	65.35	61.27	4.08							
3	65.45	61.03	4.42							
4	65.05	60.79	4.26							
4.08	65.40	60.77	4.63							
5	64.55	60.55	4.00							
6	64.35	60.31	4.04							
7	64.10	60.07	4.03							

Record of	Strawbridge		Ditch Improvement No.		Report of Engineer	
Remarks	No Station	Elevation of Grade Line	Grade Line	Cut	Course and Distance	Exploration.
	8	64.35	59.83	4.52		
	9	64.05	59.59	4.46		
	9.88	63.35	59.26	4.09		
	Lat 1 of 4 of 18 at 4.08 of 4-B					
	0	66.15	62.15	4.00	0-2.32-S 76 3/4 E- 232 ft	
	1	65.90	61.88	3.82	2.32-4.90-S 41 1/4 E- 258 "	
	2	65.85	61.61	4.24		
Double B.D.R.	B	67.45				
	3	65.70	61.34	4.36		
	4	65.70	61.07	4.63		
	4.90	65.40	60.77	4.63		
	Lat 5 of 18 at 26 of 18-R					
	0	65.55	61.55	4.00	0-3.50-S 42 1/4 E- 350 ft.	
	1	65.20	61.30	3.90		
	2	64.55	61.05	3.50		
	3	64.90	60.80	4.10	3.50-8.48-S 70 1/2 E- 498 "	
	4	65.00	60.55	4.45		
	5	64.80	60.30	4.50		
Bur Oak-L	B	65.88				
	6	65.10	60.05	5.05		
	7	64.40	59.80	4.60		
	8	64.25	59.55	4.70		
	8.48	63.35	59.20	4.15		
	Lat 6 of 18 at 28 of 18-L					
	0	71.80		3.50		
	1	71.35		3.88		
	2	70.75		4.11		
	3	69.15		3.34		
	-4	67.75		2.77		
	5	67.80		3.65		
	6	67.85		4.53		
	7	67.70		5.21		
Head Oak-L	B	67.82				
	8	66.10		4.44		
Lat 1 of 6 of 18-B	9	64.80		3.97		
	-10	64.20		4.00		
	10.73	63.25		4.25		
	Lat 1 of 6 of 18-at 9 of 18-L					
	-0	69.55	66.05	3.50	0-3.19-S 68 1/2 W- 319 ft.	
	1	68.20	64.55	3.65		
	2	66.25	63.05	3.20		
	-3	64.90	61.55	3.35		
	3.19	64.80	60.83	3.97		

Record of	Strawbridge		Ditch Improvement No.		Report of Engineer.	
Remarks	No Station	Elevation Grade Line	Grade Line	Cut	Course and Distance	Explanation
		Lat 7 of 18 at 32.50 of 18-L				
	- 0	65.10	61.10	4.00	0-2.61-057°W - 261 ft.	
	1	63.65	60.60	3.05		
	- 2	63.50	60.10	3.40		
	2.61	62.65	58.55	4.10		
		Lat 8 of 18 at 34.80 of 18R				
	- 0	64.65	60.65	4.00	0-3-1 27°E - 200 ..	
	1	64.30	60.40	3.90		
	2	63.90	60.15	3.75		
	3	63.60	59.90	3.70	3.- 8.74 - 6 62 3/4 E - 574 ..	
	4	63.60	59.65	3.95		
Hickory-L-	B	65.65				
	5	63.55	59.40	4.15		
	6	63.50	59.15	4.35		
	7	63.27	58.90	4.37		
	- 8	63.30	58.65	4.65		
	8.74	62.55	58.32	4.23		
		Lat 9 at 36.46 of 18-L				
	- 0	64.10	60.10	4.00	0-2.73-012 1/2 W - 273 ft.	
	1	63.00	59.46	3.54		
	2	62.20	58.72	3.48		
	2.73	62.35	58.17	4.18		
		Lat 10 of 18 at 37 of 18-L				
	- 0	68.25	64.75	3.50	0-3-1 41 3/4 W - 300 ft.	
	1	67.55	63.55	4.00		
	2	65.30	62.35	2.95		
Lat 1 of 10 of 18-L	3	63.90	61.15	3.75	3-5.- N 44 1/2 W - 200 ..	
	4	63.95	59.95	4.00		
Lat 2 of 3 of 10 of 18R	5	63.70	59.85	4.35	5-7.04-062°W - 204 ..	
	6	63.20	58.75	4.45		
	7	62.75	58.15	4.60		
	7.04	62.20	58.10	4.10		
		Lat 1 of 10 at 3 of 10-L				
	- 0	64.30	61.30	3.00	0-1-2 26°W - 100 ft.	
	- 1	63.90	61.15	2.75		
		Lat 2 of 10 at 5 of 10 of 18R				
	0	64.45	60.10	4.35		
	1	63.70	59.35	4.35	0-1-062°W - 100 ft.	
		Lat 3 of 10 of 18 at 5 of 10R				
	- 0	65.35	61.35	4.00	0-1.79-018 1/4 W - 179 ft.	
	1	64.00	60.35	3.65		
	-1.79	63.70	59.35	4.35		

Record of	Ditch Improvement No.					
Remarks	No Station	Elevation Grade	Grade Line	but	Course and Distance	Explanation
					Lat 11 of 18 at 45.55 of 18 R.	
	-0	64.50	60.50 -29	4.00	0-335-012 3/4 E - 335 ft.	
	1	63.90	60.21	3.69		
	2	63.60	59.92	3.68		
	3	63.60	59.63	3.97	335-6-0178°E - 265.	
	B	65.10				
	4	63.50	59.34	4.16		
	5	63.25	59.05	4.20		557 line Strawberry r. S. Phifer
	6	63.20	58.76	4.44	6-10.10-082 1/2°E - 410.	
	7	63.05	58.47	4.58		
Lat 1 of 11 of 18 R	8	62.95	58.18	4.77		
" 2 of 11 of 18 R	9	62.75	57.89	4.86		
	-10	61.60	57.60	4.00		
	10.10	61.00	57.08 .52	3.92		
					Lat 1 of 10 of 18 at 8 of 11 L.	
	0	64.15	60.15 .30	4.00	0-257-017 3/4 E - 257.	
	1	63.60	59.85	3.75		1.60 line Strawberry r Phifer
	2	63.85	59.55	4.30	257-570-041°E - 289.	
	3	62.90	59.25	3.65		
	-4	62.90	58.95	3.95		
	5	62.55	58.65	3.90		
	5740	62.95	58.18 .47	4.77		
					Lat 2 of 11 of 18 at 9 of 11 R.	
	0	63.05	60.00	3.05	0-2-050 1/2 E - 200.	
	1	62.90	58.85	3.95		
	2	62.75	57.89	4.86		
					Lat 12 of 18 at 46 of 18 L.	
	-0	64.95	60.95 .39	4.00	0-5-031 3/4 W - 300.	
	1	64.75	60.56	4.19		
	2	64.20	59.77	4.03		
	3	64.00	59.78	4.22		
	4	63.55	59.39	4.16		
	5	62.80	59.00	3.85	5-7.47-023 3/4 W - 247.	
	6	62.50	58.61 -41	3.89		
	7	62.00	58.20 1.18	4.00		
	747	61.40	57.02	4.38		
					Lat 13 of 18 at 49 of 18 L.	
	-0	67.08	63.08 -64	4.00	0-8.84-023 3/4 W - 884.	
	1	65.73	62.44	3.29		
	2	65.08	61.80	3.28		
	3	64.33	61.16	3.17		
	4	63.93	60.52	3.41		

Record of	Strawbridge				Ditch Improvement No.	
Remarks	No Station	Elevation Grade	Grade Line	cut	Course and Distance	Explanation
	5	63.73	59.88	3.85		
	6	63.33	59.24	4.09		
	7	62.88	58.60	4.28		
	8	61.97	57.96	4.01		
Lat 1 of 10 of 15 R	8.84	61.80	57.45	4.35	8.84 - 258 - S 65 1/2 W - 074 ft.	
	9	61.55	57.32	4.23		
	9.58	61.05	56.63	4.42		
	Lat 1 of 13 at 8.84 of 13-R					
	0	62.65	58.65	4.00	0-292 - S 6 3/4 E - 292	
	1	62.40	58.25	4.15		
	2	62.03	57.85	4.18		
2.92	61.50	57.45	4.05			
	Lat 14 of 18 at 50.92 of 18-L					
	0	62.60	59.10	3.50	0-246 - S 45 1/2 W - 246	
	1	61.90	58.60	3.30		
	2	61.60	58.10	3.50		
2.46	60.70	57.40	4.30			
	Lat 15 of 18 at 54.94 of 18-R					
	0	62.02	58.52	3.50	0-290 - S 48 3/4 W - 290	
	1	61.50	58.02	3.48		
	2	61.37	57.52	3.85		
2.90	60.22	55.87	4.35			
	Lat 16 of 18 of 55 of 18-R					
	0	63.54	59.54	4.00	0-2- S 16 3/4 E - 200 ft.	
	1	63.29	58.87	4.42		
	2	62.94	58.20	4.74	200 - 8.98 - S 48 1/4 E - 698	2 nd line Strawbridge & Phifer
	3	61.74	57.53	4.21		
	4	60.59	56.85	3.74		
4.30	60.47	56.77	3.70			
5.30	60.36	56.57	3.79			
	6	61.10	56.45	4.65		
	7	61.89	56.25	5.64		
	8	61.17	56.05	5.12		
8.98	60.22	55.85	4.37			
	Lat 17 of 18 at 56.67-L					
	0	63.22	59.72	3.50	0-3.82 - S 59 3/4 W - 382 ft.	
	1	62.02	58.72	3.30		
	2	61.47	57.72	3.75		
	3	61.27	56.72	4.55		
3.82	59.82	55.64	4.18			

Record of	Ditch Improvement No.					
Remarks	No Station	Elevation Grade Line	Grade Line Cut	Course and Distance	Explanation	
				Lat - 18 - of 18 of Main - at - 57-83-4	18-R.	
	0	60.94	56.97	4.000 - 7.45 - S 55 4 E - 7.45		
	1	60.42	56.79			
	2	60.57	56.61			
	3	61.47	56.43			
Lat 1 of 18 R	4	61.32	56.25			
	5	61.07	56.07			
	6	60.82	55.89			
	7	60.72	55.71			
	7.45	59.77	55.49			
				Lat 1 of 18 of 18 at 4 of 18 R.		
	-0	61.17	57.75			
	1	61.17	57.25			
	2	61.02	56.75			
	2.77	61.32	56.25			
				Lat 19 of 18 at 58.14 of 18 L.		
	0	61.72	57.72	4.000 - 3 - S 63 3/4 W - 300 ..		
	1	61.52	57.22			
	2	61.07	56.72			
	3	59.32	55.44			
				Lat 19 of Main ditch at 187.64 L.		
Boulder end of ditch	B	71.27				
	0	68.92	64.60	4.320 - 14.25 - 0.14 1/4 E - 1425 ..		
	1	68.52	64.50			
Lat 1 - R	2	68.47	64.40			
	3	68.32	64.30			
	4	68.17	64.20			
	5	68.32	64.10			
	6	68.12	64.00			
	7	68.37	63.90			
	8	68.17	63.80			
Lat 2 - L	9	68.37	63.70			
	10	68.47	63.60			
Lat 3 - L.	10.35	68.32	63.56			
Lat 4 - R.	1	68.52	63.50			
Lat 5 - L	2	68.52	63.40			
Lat 6 - R	3	68.42	63.30			
	4	68.47	63.20			
Boulder L	13	70.92				
Lat 7 - R.	5	68.42	63.10			
Lat 8 - L.	15.05	68.67	63.09			
	6	68.52	63.00			

Record of	Strawbridge		Ditch Improvement No.		Report of Engineer	
Remarks	No Station	Elevation Grade to Line	Grade to Line	Cut	Course and Distance	Explanation
Lat-9-R.	15.05	68.67		5.58		
	16.65	68.87	62.93	5.94		
	7	68.57	62.90	5.67		
	8	68.55	62.80	5.75		
	9	68.60	62.70	5.90		
Past Oak L.	20	68.30	62.60	5.70	20-22-0 50 1/2 E -	200 ft.
	13	72.85				
	1	67.60	62.50	5.10		
	2	67.55	62.40	5.15	22-23 32-0 24 1/4 E -	132..
	3	66.25	62.30	3.95	23.32-30.21-0 11 3/4 W -	689..
End of tile drain John Balla	4	66.05	62.20	3.85		
	5	65.85	62.10	3.75		
	25.70	65.40	62.03	3.40		
	6	65.70	62.00	3.70		
	7	65.60	61.90	3.70		
Lat-10-R	8	65.80	61.80	4.00		
	9	65.50	61.70	3.80		
	30	65.40	61.60	3.80	30 ²¹ -33-0 7 3/4 E -	279..
	1	65.45	61.50	3.95		
	2	65.50	61.40	4.10		
Boulder R	13	68.60				
	3	65.75	61.30	4.45	33-33 ⁴⁰ -0 9 1/4 W -	681..
	4	65.20	61.20	4.00	33 ⁶⁰ -35 ²⁰ -0 10 3/4 W -	163..
	5	65.15	61.10	4.05	35 ²³ -36.50-0 19 3/4 W -	127..
	6	65.40	61.00	4.40	36 ⁵⁰ -37 ²⁰ -0 37 W -	253..
Lat-11-R	7	65.00	60.90	4.10		
	8	64.90	60.80	4.10		
	9	65.05	60.70	4.35	39-40.30-0 5 1/2 W -	130..
Lat-12-R	39.30	64.42	60.67	4.25		
	0	64.85	60.60	4.25	40 ³⁰ -41.45-0 26 W -	115..
Lat-13-L	1	64.80	60.50	4.30	41.45-44.60-0 35 1/2 W -	315 ft. Line Taylor & Watson 47-45
	2	64.75	60.40	4.35		
Lat-14-R	42.68	66.35	60.34	6.01		
	3	64.65	60.30	4.35	45.60-47.91-0 74 1/2 W -	231..
	4	64.10	60.20	3.90		
	5	63.75	60.10	3.65		
	6	63.55	60.00	3.55		
	7	63.40	59.90	3.50	47.91-55.43-0 16 1/4 W -	252..
	8	63.60	59.24	4.36		
	9	62.45	58.58	3.86		
	50	61.50	57.92	3.58		
	1	60.70	57.26	3.44		

Record of	Strawbridge		Ditch Improvement No.			
Remarks	No	Elevation	Grade	Course and	Distance	Explanation
Station	Grade	to	cut			
	to	line				
	2	59.80	56.60	3.20		
	3	59.25	55.94	3.31		
	4	58.90	55.28	3.62		
	5	58.45	54.62	3.83		
	55.43	57.95	53.95	4.00		
	Lat 1 of at 2 of 19 - R					
	-0	69.42	65.42	4.00	0-2-S 54 1/2° E -	200 ft.
	-1	68.37	64.55	3.82		
	-2	68.47	64.40	4.07		
	Lat 2 of 19 at 9 of 19 - L.					
	-0	68.52	64.52	4.00	0-3.18-S 7 1/2° E -	318 "
	1	68.37	64.36	4.01		
	2	68.42	64.20	4.22		
	3	68.57	64.04	4.53	3.18-430-S 45 3/4° W	712 "
	4	68.77	63.88	4.89		
	-4.30	68.37	63.70	4.67		
	Lat 3 of 19 at 10.35 of 19 - L.					
	0	68.62	64.62	4.00	0-1-S 34 1/2° E -	100 "
	1	68.67	64.50	4.17	1-2-S 12 1/2° E -	100 "
	2	68.52	64.38	4.14	2-3 1/4-S 15° W -	141 "
	3	68.62	64.26	4.36	3 1/4-5 60-S 33 1/2° W	219 "
	4	68.77	64.14	4.63		
	-5	68.57	64.02	4.55		
	5.60	68.32	63.56	4.76		
	Lat 4 of 19 at 11 of 19 - R					
	0	69.67	64.87	4.80	0-5.59-S 20° E	550 "
	1	69.57	64.77	4.80		
Lat 1 of 4 of 19 - R	1.76	68.87	64.70	4.17		
	2	68.67	64.67	4.00		
	3	68.62	64.57	4.05		
	4	69.12	64.47	4.65		
	5	69.17	64.37	4.80	5.59-7.55-S 11° E	196 "
	6	68.72	64.27	4.45		
	7	68.72	64.17	4.55	7.55-9.50-S 17 1/2° E	195 "
	8	68.72	64.07	4.65		
	9	68.67	63.97	4.70	9.50-10.85-S 19° E	135 "
	10	68.52	63.87	4.65		
	1	68.82	63.77	5.05		
	2	68.87	63.67	5.20		
	12.40	68.52	63.50	5.02		
	Extension of 4 of 19.					
	-0	71.17	67.25	3.92		

Record of	Strawbridge		Ditch Improvement No.		Report of Engineer	
Remarks	No Station	Elevation Grad. ^{to} _{Line}	Grad. ^{to} _{Line}	Cut	Course and Distance	Explanation
	1	69.02	67.00	3.02		
	2	71.02	66.75	4.27		
	3	71.27	66.50	4.77		
	3.57	71.67	66.37	5.30		
	3.75	73.02	66.31	6.71		
	-4	72.47	66.25	6.22		
	-5	69.67	64.87	4.80		
		Lat 1 of 4 of 19 at 176. R.				
	-0	69.67	65.50	4.17	0-1.60 - S 78° E - 160	
	1	68.97	65.10	3.87		
	-1.60	68.87	64.70	4.17		
		Lat 5 of 19 - 12 of 19 - R				
	0	68.72	65.72	3.00	0-3.80 - S 55 1/4 E - 380 ft.	
	1	68.72	65.60	3.12		
	2	68.92	65.48	3.44		
	3	69.17	65.36	3.81	3.80 - 6.68 - S 17 1/2 W - 288.	
	4	69.12	65.24	3.88		
	5	69.07	65.12	3.95		
	6	69.37	66.00	4.37	6.68 - 8.00 - S 29 1/2 W - 132.	
	7	69.07	64.88	4.19		
	8	69.27	64.76	4.51	8-10.17 - S 45 1/2 W - 217.	
	9	69.07	64.64	4.43		
	10	70.12	64.52	5.60		
	10.17	68.52	63.40	5.12		
		Lat 6 of 19 at 13 of 19 - R				
	-0	70.02	67.00	3.02	0-5 - S 12 1/2 E - 500 ft.	
	1	69.42	66.75	2.67		
	2	68.97	66.50	2.47		
	3	69.25	66.25	2.97		
Boulder	13	70.71				
	4	69.42	66.00	3.42		
	5	69.32	65.75	3.57	5.00 - 7.23 - S 21 3/4 E - 223.	
	6	69.12	65.50	3.62		
	7	69.72	65.25	4.47	7.23 - 9.24 - S 28 1/2 E - 201.	
	8	69.82	65.00	4.82		
	9	69.42	64.75	4.67	9.24 - 11.05 - S 60 E - 181.	
	10	69.37	64.50	4.87		
	-1	70.02	64.25	5.77		
	11.05	68.42	63.30	5.12		
		Lat 7 of 19 at 15 of 19 - R				
	-0	70.62	67.50	3.12	0-3.00 - S 12 E - 300 ft.	
	1	70.42	67.30	3.12		

Record of	Strawbridge Report of Engineer				Ditch Improvement No.	
Remarks	No Station	Elevation Grade Soil	Grade Soil Cut	Course and Distance	Explanation	
	2	70.22	67.10	3.12		
Lot 1 of 7 of 19-R	3	70.42	66.90	3.52	3.-7.26-S 13 1/4 E- 426.	
	4	70.52	66.70	3.82		
	5	70.42	66.50	3.92		
	6	70.17	66.30	3.87		
	7	70.32	66.10	4.22		
	7.26	70.47	66.05	4.42	7.26-9-0 45 1/2 E- 179.	
Lot 2 of 7-R	7.56	70.47	66.00	4.47		
Jack Oak R	B	71.47				
	8	70.42	65.90	4.52		
	9	70.07	65.70	4.37	9-12-0 43 E- 300.	
	10	70.04	65.50	4.54		
	1	69.72	65.30	4.42		
Boulder R	B	70.52				
	2	69.72	65.10	4.62	12-13 E-S 53 3/4 E- 108.	
	3	70.47	64.90	5.57		
	13.08	68.42	63.10	5.32		
	Lot 1 of 7 at 3 of 7 of 19-R					
	-0	72.17	69.17	3.00	0-2.40-N 86 E- 240.	
	1	70.07	68.42	2.65		
	1.50	70.92	68.04	2.88		
	2	70.67	67.67	3.00		
	3.40	70.42	66.90	3.52		
	Lot 1 of 1 of 7 at 1.50 of 7 L.					
	-0	71.42	68.42	3.00	0-1.50-S 32 1/2 E- 150.	
	1	71.12	68.21	2.91		
	-1.50	70.92	68.02	2.88		
	Lot 2 of 1 of 7 at 1.50 of 1 of 7 R.					
	-0	71.62	68.62	3.00	0-1.55-N 22 1/2 E- 155.	
	-1	71.07	68.42	2.65		
	-1.55	70.92	68.04	2.88		
	Lot 2 of 7 at 7.56 of 7 of 19-R.					
	-0	71.37	68.06	3.31	0-2.25-0 75 E- 225.	
	1	71.37	67.75	3.62		
	2	71.29	67.50	3.79	2.25-416-S 80 1/4 E- 191.	
	3	71.22	67.25	3.97		
Jack Oak R.	B	71.47				
	-4	70.47	67.00	3.47		
	4.16	70.47	66.00	4.47		
	Lot 3 of 7 at 11 of 7 - R					
	-0	69.42	66.00	3.42	0-2.48-N 55 1/4 E- 248.	
	1	69.42	65.80	3.62		

Record of	Strawbridge		Ditch Improvement No.		Report of Engineer		Explanation
	No Station	Elevation	Grade	Course and Distance			
		of Line	Line	cut			
	- 2	69.42	65.60	3.72			
	2.48	69.32	65.30	4.42			
	Lat 8 of 19 at 15.05 of 19-L.						
	0	72.92	70.42	2.50	0-2-S 18 1/2° W-	200 ft.	
	1	72.32	68.35	3.97			
Boulder L.	2	69.27	66.27	3.00	2-3.43-S 20° E-	143.	
	B	71.72	66.15				
	3	68.97	66.15	2.82	3.43-5-S 02 1/2° E-	157.	
	4	69.67	66.03	3.64			
	5	69.82	65.91	3.91	5-7.43-S 07 1/2° E-	243.	
	6	69.72	65.79	3.93			
	7	69.82	65.67	4.15	7.43-9-S 77° E-	157.	
	8	69.47	65.65	3.92			
Lat 1 of 8-L.	9	69.67	65.43	4.24	9-10-S 39° E-	100.	
	10	69.32	65.31	4.01	10-13-S 01 1/2° E-	300.	
	1	69.77	65.19	4.58			
	2	69.47	65.07	4.40			
	3	69.02	64.95	4.07	13-16-S 35 1/4° W-	300 ft.	
	4	69.12	64.83	4.29			
	5	68.87	64.71	4.16			
	6	69.02	64.59	4.43	16-17.09-S 12 1/2° E-	108.	
	- 7	69.02	64.47	4.55			
Lat 2+3-L.	17.09	68.97	64.22	4.75	17.09-20.27-S 37 1/2° W-	318.	
	18	69.22	63.97	5.25			
	9	69.52	63.72	5.80			
	- 20	69.27	63.47	5.80			
	20.27	68.67	63.09	5.58			
	Lat 1 of 8 of 19 at 9 of 8-L.						
	- 0	73.42	70.42	3.00	0-1.29-S 08 3/4° W-	129.	
	1	72.37	69.17	3.20	1.29-S 8 1/2° W	176.	
	2	71.02	67.92	3.90			
	3	69.72	66.62	3.10			
	3.05	69.67	65.43	4.24			
	Lat 2 of 8 at 17.09 of 8-L.						
	- 0	69.52	65.52	4.00			
	1	69.02	65.22	3.80			
	2	68.92	64.92	4.00			
Lat 1 of 2 of 8-L.	2.18	69.97	64.86	4.11			
	- 3	69.02	64.62	4.40			
	3.74	68.97	64.22	4.75			
	Lat 1 of 2 of 8 at 2.18 of 2-L.						
	- 0	70.57	66.57	4.00	0-2.93-S 75° W-	293	
	1	68.97	65.11	2.97			

Record of	Ditch Improvement No.					
Remarks	No Station	Elevation Grade Feet	Grade Feet	Dist feet	Course and Distance	Explanation
	2	69.02	65.43	3.69		
	3.93	68.97	64.86	4.11		
	Lat 3 of 8 of 19 at 17.09 of 8 L					
	-0	70.02	66.07 - .20	3.95	0-3.72-S 80°W -	372 ft.
	1	69.27	65.87	3.40		
	1	69.67	65.67	4.00		
	-3	69.47	65.47 1.25	4.00		
	3.72	68.97		4.75		
	Lat 4 of 8 of 19 at 17.09 of 8-L					
	0	73.49	70.00 - .20	3.47	0-1.86-S 81 1/2°W -	186 "
	1	73.22	69.80	3.42	1.86-S. N 46°W -	314 "
	2	73.87	69.60	3.27		
	3	72.72	69.40	3.32		
Stickney-R	B	73.89				
	4	70.32		3.51		
	5	68.97		4.75		
	Lat 9 of 19 at 16.65 of 19-R					
	-0	70.22	66.22 - .35	4.00	0-2.87-S 79°45' E	287 "
	1	69.87	65.55	4.02		
	2	69.87	65.50 2.57	4.37		
	2.87	68.87	62.93	5.94		
	Lat 1 of 9 of 19 at 2 of 9-R					
	-0	69.52	66.25 - .15	3.27	0-3.89-N 9°15' E	389 "
	1	70.37	61.10	4.27		
Boulder L	B	72.92				
	2	68.82	65.95	3.87		
	3	68.82	65.80	4.02	3.89-4.57-N 58°45' E	62 "
	4	69.57	66.65	3.92		
	4.57	69.87	65.50	4.37		
	Lat 10 of 19 at 28 of 19-R					
	0	70.20		3.20		
	1	69.10		2.30		
	2	69.15		2.55		
Boulder R.	B	70.57				
	3	69.00		2.60		
	4	69.50		3.30		
	5	69.00		3.00		
	6	68.85		3.49		
	7	68.35		3.63		
	8	68.05		3.97		
	9	67.50		4.06		
	10	66.85		4.05		
	10.58	65.80		4.00		

Record of	Strawbridge		Ditch Improvement No.		Report of Engineer.	
Remarks	No Station	Elevation of Grad Line	Grade Line	Cut	Course and Distance	Explanation
		Lat 11 of 19 - at 37 of 19 - R.				
	0	70.10	67.10	3.00	0-177- S 82° E - 177 ft	
	1	69.50	66.50 - .60 - .15	3.00	177-5.31- 026° W - 354 ft	
Double Oak stump	B	69.85				
	2	70.00	66.35	3.65		
	3	69.75	66.20	3.55		
	4	69.15	66.05	3.10		
	5	69.30	65.90	3.40		
Lat 1 of 11 - R	5.31	69.05	65.85	3.20	5.31-9.00- S 50 1/4° E - 369 ft	
	6	69.15	65.75	3.40		
Lat 2 of 11 - R	6.50	69.15	65.67	3.48		
	7	69.15	65.60	3.55		
Lat 3 of 11 - L	7.53	69.38	65.52	3.86		
	8	69.20	65.45	3.75		
	-9	69.10	65.30 - .95	3.80	9-11.58- S 47 1/2° E - 250 ft	
Boulder L.	B	69.05				
	10	67.75	64.85	3.40		
	-1	67.45	63.40 - 2.50	4.00		
	11.58	65.00	60.90	4.10		
		Lat 1 of 11 of 19 - at 5.31 of 11 - R				
	-0	69.75	66.45 - .15	3.30	0-2- N 84 1/4° E - 200 ft	
	1	69.70	66.30	3.40		
	2	69.20	66.15	3.05	2.00-3.49- S 27° E - 149 ft	
	3	69.15	66.00	3.15		
	-3.49	69.05	65.85	3.20		
		Lat 2 of 11 of 19 - at 6.50 of 11 - R				
	-0	69.10	65.97 - .15	3.13	0-1.50- N 66 1/2° E - 150 ft	
	1	69.00	65.80	3.18		
	1.50	69.15	65.67	3.48		
		Lat 3 of 11 - at 7.53 of 11 - L.				
	-0	69.55	66.02 - .25	3.53	0-1.86- S 6° W - 186 ft	
	1	69.35	65.77	3.58		
	-1.86	69.38	65.50	3.86		
		Lat 12 of 19 at 39.30 of 19 - R				
	-0	68.62	65.52 - .40	3.10	0.3.00- S 81° E - 300 ft	
	1	68.67	65.12	3.55		
	2	68.27		3.55		
	3	68.17		3.85	3-6.44- S 47 1/4° E - 344 ft	
Boulder R	B	69.32				
	4	67.87		3.95		
	5	67.47		3.85		
	6	67.12		4.00		
	6.44	64.92		4.25		

Record of	Strawbridge		Ditch Improvement No.		Report of Engineer		Explanation.
Remarks	No Station	Elevation Grade to Line	Grade Line	Cut	Course and Distance	Explanation.	
					Lat 1 of 12 of 19 at 2 of 12 - R.		
	0	68.57	65.57 - .42	3.00	0-1.88 - N 60° E - 1.88..		
	1	68.57	65.15 .42	3.42			
	1.88	68.27	64.72	3.55			
					Lat. 2 of 12 of 19 at 2 of 12 R.		
	0	58.42	65.22 .25	3.20	0-1.72 - N 26 1/4 E -		
	1	58.07	64.97	3.10			
	1.72	68.27	64.72	3.55			
					Lat. 13 of 19 at 41 of 19 - L.		
Bur Oak end of ditch B	0	68.42		3.00			
	-0	66.92	63.92 3.42	3.00	0-1 - N 69 3/4 E 100 ft.		
	-1	64.80	60.50	4.30			
					Lat 14 of 19 at 42.68 of 19 - R.		
	-0	68.15	65.15 - .76	3.00	0-3.17 - S 30° E - 3.17.		
	1	67.60	64.39	3.21		203 ft. on Phifer	
	2	66.90	63.63	3.27		203 ft Line Phifer + Watson	
	-3	66.80	62.80 2.46	4.00			
	3.17	66.35	60.34	6.01		114 ft. on Watson.	

Record of

Ditch Improvement No.

No Working	Owner's Name as Found on Duplicate Main Ditch	Description	Acres	From Stake	To Stake	Pro of Rods	Depth of Ditch	Cost per acre	Estimated Cost of Construction	Estimated Cost of Location	
1	Shea John	Survey No 6061	10	0	3	18	6in	85	15 30	0 90	
2	Paint Township	Rail road easement		3	5	12	6	85	10 20	0 60	
3	Jones A.S.	Survey No: 8121	70	5	32	33.7	8	1.30	147 81	8 10	
4	Shea John	" " 6021	60	32	36	24.2	8	1.30	31 46	1 20	
5	Smith Eliza J	" " 8121	100	36	58.24	134.8	8	1.30	175 24	6 67	
6	Phifer Stephen	" " 8121	118	58.24	80	132	10	1.55	204 60	6 53	
7	Florence Mary E. G.	" " 8121	150	80	105	151.5	10	1.55	234 83	7 50	
8	Storobek Samuel	" " 8121	70	105	126	127.3	10	1.55	197 32	6 30	
9	Storobek Ann	" " 8121	30	126	128	12	10	1.55	18 60	0 60	
10	Madison Co Ohio	Xenia road Easement		128	129	6	10	1.55	9 30	0 30	
1	Duncan Robert P	Survey No 8121	400	129	154	118.5	12	2.50	349 05	7 50	
2	Strawbridge Caudalia	" " 8121	234	154	190	90	15	4.00	680 50	10 80	
3	Phifer A.J.	" " 8121	81	190	200	60.6	15	4.00	242 40	3 00	
4	Ruffenbry Mary May	" 5533-5597-5798-8212-8121	50	206	205	30.3	15	4.00	121 20	1 50	
5	Watson David	" 6051	148	205	224	115.1	15	4.00	460 40	5 70	
6	Colburn A.M.	" 6051 6062	195	200	224	145.4	15	4.00	581 60	7 20	
7	Ruffenbry Mary May	5533-5597-5798 + 8212	1400	248	325	344.2	18	6.00	2111 20	29 10	
8	Cranford Eugene J	13112 - 5593	285	325	344	115.1	18	6.50	748 41	5 70	
9	Madison Co Ohio	Xenia road Easement		344	345	6	18	6.50	39 00	0 30	
20	Masey Lizzie	Survey 8673	30	345	347	12	18	6.50	78 00	0 60	
1	Shough Margaret	" 8673	120	347	381	340.5	6.35	.25	158 75	10 20	
	Lateral No 1										
1	Shea John	" 6061	60	0	5	30.3	7	1.00	30 30	1 50	
2	Paint Township	Rail road easement		5	6.22	7.5	7	1.00	7 50	0 37	
	Lateral No 3										
1	Strawbridge Caudalia	Survey 8121	8	0	7.20	43.6	4	.70	30 52	2 16	
2	Duncan Robert P.	" 8121	8	7.20	13.63	39	5	.70	27 30	1 93	
	Lat 1 of 3										
1	Strawbridge Caudalia	" 8121	3	0	4.10	25	4	.70	17 50	1 23	
	Lat 2 of 3										
1	Robert P Duncan	" 8121	3	0	306	18.6	4	.70	13 02	0 92	
	Lat 4 of Main ditch										
1	Strawbridge Caudalia	" 8121	2	0	270	16.5	4	.70	11 55	0 81	
	Lat 5										
1	Strawbridge Caudalia	" 8121	2	0	290	17.6	4	.70	12 32	0 87	
	Lat 6										
1	Strawbridge "	" 8121	4	0	3.59	21.7	4	.70	15 19	1 0 8	
	Lateral No 7										
1	Strawbridge Caudalia	" 8121	5	0	416	25.2	4	.70	17 64	1 25	
	Lat No 8										
1	Duncan Robert T.	" 8121	20	0	17.24	103.5	5	.85	87 98	5 17	
	Lat 1 of 8										
1	Duncan R.P.	" 8121	2	0	247	15	4	.70	10 50	0 74	

Record of <i>No Working Acc</i>		Ditch Improvement No.									
<i>No Working Acc</i>	Owner's Name as found on Duplicate	Description	Acres	From stakes	To stakes	No of Rods Appointed	Size of Pipe	Cost per cu. yd.	Cost per acre	Estimated cost of location	
1	Duncan R.P. Lat 2 of 8	Surry No 8121	2	0	212	124	4in	.70	8.96	0.64	
1	Duncan R.P. Lat 3 of 8	" " 8121	4	0	4	242	4"	.70	16.94	1.20	
1	Stranbridge Vandalia Lat 9	" " 8121	10	0	13	187	5"	.80	62.96	3.90	
1	Stranbridge Vandalia Lat 1 of 9	" " 8121	3	0	3.67	22.2	4"	.70	15.54	1.10	
1	Stranbridge Vandalia Lat 2 of 9	" " 8121	4	0	5.66	34.3	4"	.70	24.01	1.70	
1	Stranbridge Vandalia Lat 10	" " 8121	6	0	6.25	37.8	4"	.70	26.46	1.88	
1	Florence Mary E.C. Lat 11	" " 8121	40	0	3	18	8"	1.40	25.20	0.90	
2	Madison Co. Ohio	Xenia road easement		3	4	6	8"	1.40	8.40	0.30	
3	Duncan R.P. Lat 1 of 11	Surry 8121	40	4	33	175.7	8"	1.30	228.41	8.70	
1	Duncan R.P. Lat 1 of 1 of 11	" " 8121	10	0	13.74	83.2	5"	.80	66.56	4.12	
1	Duncan R.P. Lat 2 of 1 of 11	" " 8121	3	0	3.60	21.8	4"	.70	15.26	1.08	
1	Duncan R.P. Lat 3 of 1 of 11	" " 8121	5	0	5.57	33.7	4"	.70	23.59	1.67	
1	Duncan R.P. Lat 4 of 1 of 11	" " 8121	2	0	2.35	14.2	4"	.70	9.94	0.71	
1	Duncan R.P. Lat 2 of 11	" " 8121	2	0	2.38	14.4	4"	.70	10.08	0.71	
1	Duncan R.P. Lat 1 of 2 of 11	" " 8121	5	0	5.55	33.6	4"	.60	28.16	1.67	
1	Duncan R.P. Lat 2 of 2 of 11	" " 8121	3	0	2.95	17.8	4"	.60	10.68	0.89	
1	Duncan R.P. Lat 3 of 11	" " 8121	3	0	3.93	23.8	4"	.60	14.28	1.18	
1	Duncan R.P. Lat 1 of 3 of 11	" " 8121	15	0	19.72	11.95	5"	.75	89.62	5.92	
1	Duncan R.P. Lat 2 of 3 of 11	" " 8121	2	0	1.53	9.2	4"	.60	5.52	0.46	
1	Duncan R.P. Lat 3 of 3 of 11	" " 8121	5	0	6.14	37.2	4"	.60	22.32	1.84	
1	Duncan R.P. Lat 4 of 3 of 11	" " 8121	3	0	3.87	23.4	4"	.70	16.38	1.76	
1	Duncan R.P.	" " 8121	2	0	3.64	22	4"	.60	13.20	1.09	

Record of

Ditch Improvement No.

No. Working Dec	Owner's Name as found on Duplicate	Description	Acres	From States		No. States	No. of Rods Applied	Age of Tile	Cost per acre	Cost for material	Estimating cost of	Location
				From States	To States							
1	Lat 5 of 3 of 11 Duncan R.P.	Surry No 8121	5	0	4.92	29.8	4	60	17.88	1.48		
1	Lat 4 of 11 Duncan R.P.	" " 8121	4	0	5.18	4	60	10.80	0.90			
1	Lat 5 of 11 Duncan R.P.	" " 8121	8	0	5.95	36	4	60	21.60	1.79		
1	Lat 1 of 5 of 11 Duncan R.P.	" " 8121	2	0	2.51	9	7	60	5.40	0.75		
1	Lat 2 of 5 of 11 Duncan R.P.	" " 8121	3	0	3.48	21	4	60	12.60	1.04		
1	Lat 6 of 11 Duncan R.P.	" " 8121	4	0	3.18	4	70	12.60	0.90			
1	Lat 7 of 11 Duncan R.P.	" " 8121	5	0	16.66	100	5	80	80.72	5.00		
1	Lat 1 of 7 of 11 Duncan R.P.	" " 8121	2	0	2.39	14.4	4	60	8.64	0.72		
1	Lat 2 of 7 of 11 Duncan R.P.	" " 8121	8	0	9.71	58.7	4	60	35.22	3.91		
1	Lat 3 of 7 of 11 Duncan R.P.	" " 8121	3	0	4.64	28	4	60	26.80	1.39		
1	Lat 12 Plowman Missouri	" " 8121	175	0	41.94	63.8	6	90	214.22	12.30		
2	Madison Co. Ohio	Xenia road easement	41	43	12	7	1.00	12.00	0.60			
3	Duncan R.P.	Surry No 8121	150	43	93.50	217	8	1.30	354.72	15.15		
1	Lat 1 of 12 Plowman Missouri	" " 8121	50	0	16.44	99.6	5	70	69.72	4.93		
1	Lat 2 of 12 Duncan R.P.	" " 8121	5	0	7.24	43.8	4	60	26.80	2.17		
1	Lat 3 of 12 Phifer Mary	" " 8121	15	0	7.42	45	75	31.80	2.10			
2	Stranbridge B.	" " 8121	33	68	7	25	66.6	6	1.00	9.840	5.40	
3	Duncan R.P.	" " 8121	20	25	31.60	40	6	1.00	40.00	1.98		
1	Lat 1 of 3 of 12 Duncan R.P.	" " 8121	3	0	4.37	26.4	4	60	15.84	1.31		
1	Lat 4 of 12 Duncan R.P.	" " 8121	5	0	5.15	31.2	4	60	18.72	1.55		
1	Lat 5 of 12 Duncan R.P.	" " 8121	8	0	11.61	70.3	4	65	40.70	3.48		
1	Lat 1 of 5 of 12 Duncan R.P.	" " 8121	5	0	3.18	4	60	10.80	0.90			
1	Lat 6 of 12 Duncan R.P.	" " 8121	3	0	3.18	4	60	10.80	0.90			

Record of	No. of	Owner's Name as found on Duplicate	Description	Acres	Ditch Improvement No.					Cost of Construction	Estimated cost of Location
					From Status	To Status	No of Rods Appointed	Sign of Bill	Cost per acre		
	1	Lat 7 of 12 Duncan R.P.	Survey No 8121	10 0	8.50	57.8	4	60	33 67	2 55	
	1	Lat 8 of 12 Duncan R.P.	" " 8121	5 0	5.93	35.9	4	60	21 54	1 78	
	1	Lat 9 of 12 Duncan R.P.	" " 8121	4 0	4.54	27.5	4	60	16 50	1 36	
	1	Lat 10 of 12 Duncan R.P.	" " 8121	4 0	4.34	26.3	4	60	15 78	1 30	
	1	Lat 11 of 12 Duncan R.P.	" " 8121	40 0	34.12	146	6	100	146 00	7 24	
	1	Lat 1 of 11 of 12 Duncan R.P.	" " 8121	4 0	5.72	34.6	4	60	20 76	1 72	
	1	Lat 2 of 11 of 12 Duncan R.P.	" " 8121	3 0	3.90	23.6	4	60	14 16	1 17	
	1	Lat 3 of 11 of 12 Duncan R.P.	" " 8121	2 0	2	12	4	60	7 20	0 60	
	1	Lat 12 of 12 Duncan R.P.	" " 8121	5 0	5.52	33.4	4	60	20 04	1 66	
	1	Lat 13 of 12 Duncan R.P.	" " 8121	5 0	4.90	29.4	4	60	17 64	1 47	
	1	Lat 14 of 12 Duncan R.P.	" " 8121	4 0	4.40	26.6	4	60	18 96	1 32	
	1	Lat 15 of 12 Duncan R.P.	" " 8121	4 0	3.50	21	4	60	12 60	1 00	
	1	Lat 16 of 12 Duncan R.P.	" " 8121	5 0	5.50	23	4	60	19 80	1 65	
	1	Lat 13 Strawbridge Candalia	" " 8121	10 6	10.90	66	5	80	52 80	3 27	
	1	Lat 1 of 13 Strawbridge Candalia	" " 8121	5 0	5.60	33.9	4	60	20 34	1 68	
	1	Lat 2 of 13 Strawbridge Candalia	" " 8121	2 0	2.90	17.9	4	60	10 74	0 88	
	1	Lat 3 of 13 Strawbridge Candalia	" " 8121	3 0	3.07	18.5	4	60	11 10	0 62	
	1	Lat 14 Strawbridge Candalia	" " 8121	20 0	13.98	84.6	5	80	67 68	4 19	
	1	Lat 1 of 14 Strawbridge Candalia	" " 8121	2 0	2.48	15	4	60	9 00	0 74	
	1	Lat 2 of 14 Strawbridge Candalia	" " 8121	4 0	6.18	37.4	4	60	22 44	1 85	
	1	Lat 3 of 14 Strawbridge Candalia	" " 8121	3 0	5.20	31.5	4	60	18 90	1 56	

Record of	Not Working	Owner's Name as found on Duplicate	Description	Ditch Improvement No.									
				Acres	From Stake	To Stake	No. of rods Appointed	Size of Pipe	Cost per cu. yd.	Cost of Construction	Estimated Cost of Construction	Estimated Cost of Location	
		Lat 4 of 14	1 Strawbridge Landalia Survey No 8121	4	0	3.93	23.8	4in	.60	14	28	1	18
		Lat 15	1 Strawbridge Landalia " " 8121	6	0	6.24	37.8	4in	.70	26	46	1	87
		Lat 16	Strawbridge Landalia " " 8121	5	0	6.35	38.4	4in	.70	26	88	1	91
		Lat 17	2 Strawbridge Landalia " " 8121	35	7	31.68	50.6	6in 8in	1.00 1.30	164	10	7	38
		Duncan R.P.	1 Duncan R.P. " " 8121	8	0	7	42.4	5in	.80	33	92	2	10
		Lat 1 of 17	1 Duncan R.P. " " 8121	4	0	2	12	4in	.60	7	20	0	60
		Lat 2 of 17	1 Strawbridge Landalia " " 8121	4	0	3.32	20.1	4in	.60	12	06	1	00
		Lat 3 of 17	1 Strawbridge " " 8121	4	0	3.41	20.6	4in	.60	12	36	1	02
		Lat 4 of 17	1 Strawbridge " " 8121	5	0	4.06	24.6	4in	.60	14	76	1	22
		Lat 5 of 17	1 Strawbridge Landalia " " 8121	5	0	4.20	25.4	4in	.60	15	29	1	26
		Lat 6	1 Strawbridge Landalia { 8745 0520 12730-12733 } 40 1/2 } 0 37 172.8 7in 1.00	40 1/2	0	37	172.8	8in	1.30	276	01	11	10
		Lat 1 of 18	2 Phifer A.J. " " 8121	81	37	63.08	158	8in	1.30	205	40	7	82
		Lat 2 of 18	1 Strawbridge U. " " 8745	5	0	3.88	23.5	4in	.60	14	10	1	16
		Lat 1 of 2 of 18	1 Strawbridge S. " " 13861	31	0	15.10	91.5	4in	.65	69	48	4	53
		Lat 2 of 2 of 18	1 Strawbridge Landalia " " 13861	3	0	3.88	23.5	4in	.60	14	10	1	16
		Lat 3 of 18	1 Strawbridge Landalia " " 13861	3	0	2.11	12.7	4in	.60	7	62	0	63
		Lat 1 of 3 of 18	1 Phifer A.J. " " 10520	15	0	7.50	45.5	6in	1.00	45	50	2	25
		Lat 2 of 3 of 18	2 Strawbridge Landalia " " 10520	15	7.50	11.25	22.7	6in	1.00	22	70	1	13
		Lat 3 of 3 of 18	1 Phifer A.J. " " 10520	10	0	2.60	15.7	4in	.60	9	42	0	78
		Lat 4 of 18	1 Phifer A.J. " " 10520	5	0	5.08	30.9	4in	.60	18	54	1	52
		Lat 1 of 4 of 18	1 Strawbridge Landalia " " 10520	4	0	4.80	29	4in	.60	17	40	1	44
		Lat 2 of 4 of 18	1 Strawbridge Landalia " " 12730 12733	10	0	9.88	59.7	4in	.65	38	80	2	96
		Lat 3 of 4 of 18	1 Strawbridge Landalia " " 12730 12733	4	0	4.90	29.4	4in	.60	17	76	1	47

Record of No. Working Rec	Ditch Improvement No.											
	Owners Name as found on Duplicate	Description	Acres	From State	To State	No of Rods Appropriated	Size of Ditch	Cost per Cord	Cost of Construction	Cost of Materials	Cost of Labor	Total
	Lat 5 of 18 1 Stranbridge Sandalia	Survey No 8121	10	0	8.48	513	4 in	.65	33	34	2	54
	Lat 6 of 18 1 Phifer A. J.	" " 8121	10	0	10.80	657	4 "	.60	38	24	3	24
	Lat 1 of 6 of 18 1 Phifer A. J.	" " 8121	5	0	3.19	193	4 "	.60	11	58	0	96
	Lat 7 of 18 1 Phifer A. J.	" " 8121	3	0	2.61	15.8	4 "	.60	9	48	0	78
	Lat 8 of 18 1 Stranbridge Sandalia	" " 8121	15	0	8.74	52.9	4 "	.65	34	38	2	62
	Lat 9 of 18 1 Phifer A. J.	" " $\frac{12730}{12733}$	3	0	2.73	16.5	4 "	.60	9	90	0	82
	Lat 10 of 18 1 Phifer A. J.	" " $\frac{12730}{12733}$	10	0	7.04	42.6	5 "	.70	29	82	2	11
1 of 10 of 18	" " "	" " "	2	0	1	6	4 "	.60	3	60	0	30
2 of 10 of 18	" " "	" " "	2	0	1	6	4 "	.60	3	60	0	30
Lat 3 of 10 of 18	" " "	" " "	2	0	1.79	10.8	4 "	.60	6	48	0	54
	Lat 11 of 18 1 Stranbridge Sandalia	" " 8121	10	0	7	42.7	5 in	.70	29	89	2	10
	2 Phifer A. J.	" " 8121	5	7	10.10	18.7	5 "	.70	13	09	0	93
	Lat 1 of 11 of 18 1 Stranbridge Sandalia	" " 8121	3	0	3	18.	4 "	.60	10	80	0	90
	2 Phifer A. J.	" " 8121	2	3	5.40	14.5	4 "	.60	8	70	0	72
	Lat 2 of 11 of 18 1 Phifer A. J.	" " 8121	3	0	2	12	4 "	.60	7	20	0	60
	Lat 12 of 18 1 Phifer A. J.	" " 8121	5	0	7.47	45.2	4 "	.60	27	12	2	14
	Lat 13 of 18 1 Phifer A. J.	" " 8121	10	0	9.56	52.8	4 "	.60	34	68	2	87
	Lat 1 of 13 of 18 1 Phifer A. J.	" " 8121	3	0	2.91	17.6	4 "	.60	10	56	0	87
	Lat 14 of 18 1 Phifer A. J.	" " 8121	2	0	2.41	14.6	4 "	.60	8	76	0	72
	Lat 15 of 18 1 Phifer A. J.	" " 8121	2	0	2.90	17.5	4 "	.60	10	50	0	87
	Lat 16 of 18 1 Stranbridge Sandalia	" " 8121	8	0	5	30.3	4 "	.60	18	18	1	50
	Lat 17 of 18 1 Phifer A. J.	" " 8121	5	0	3.82	23.	4 "	.60	13	80	0	85
	Lat 18 of 18 1 Phifer A. J.	" " 8121	8	0	7.45	45.	4 "	.60	27	00	2	24
	Lat 1 of 18 of 18 1 Phifer A. J.	" " 8121	2	0	2.77	16.7	4 "	.60	10	02	0	83

Record of	Ditch Improvement No.											
	No. Making	Owners Name as found on Duplicate	Description	Acres	From Status	To Status	No. of Rods Appointed	Size of Rod	Cost per Rod	Cost of Contribution		Estimated Cost of Location
		Lat 19 of 18										
1	Phifer A.J.	Survey No 8121		3	0	3	18	4in	60	100	80	10 90
		Lat 19 of Main Ditch										
1	Phifer A.J.	" "	12730 12733 6051	15	0	15	218.2	5" 6" 8"	50 100 150	406	08	15 30
1	Walson David	" "	6051	20	51	55.43	26.8	8.	1.40	37	52	1 33
		Lat 1 of 19										
1	Phifer A.J.	" "	10520	2	0	2	12	4"	.75	9	00	0 60
		Lat 2 of 19										
1	Phifer A.J.	" "	10520	3	0	4.30	26.1	4.	.75	19	58	1 29
		Lat 3 of 19										
1	Phifer A.J.	" "	10520	4	0	5.60	34	4"	.75	25	50	1 68
		Lat 4 of 19										
1	Phifer A.J.	" "	10520	20	0	17.40	105.4	5.	1.00	105	40	5 22
		Lat 1 of 4 of 19										
1	Phifer A.J.	" "	10520	2	0	1.60	9.6	4"	.60	5	76	0 48
		Lat 5 of 19										
1	Phifer A.J.	" "	12730 12733	10	0	10.17	61.1	4"	.70	42	77	3 05
		Lat 6 of 19										
1	Phifer A.J.	" "	12730 12733	10	0	11.05	67	4"	.70	46	90	3 32
		Lat 7 of 19										
1	Phifer A.J.	" "	12730 12733	20	0	13.68	79.3	5"	.80	63	44	3 92
		Lat 1 of 7 of 19										
1	Phifer A.J.	" "	12730 12733	2	0	2.40	14.5	4"	.60	8	70	0 72
		Lat 1 of 1 of 7 of 19										
1	Phifer A.J.	" "	" "	1	0	1.50	9.	4"	.60	5	40	0 45
		Lat 2 of 1 of 7 of 19										
1	Phifer A.J.	" "	" "	1	0	1.55	9.4	4"	.60	5	64	0 47
		Lat 2 of 7 of 19										
1	Phifer A.J.	" "	" "	4	0	4.16	25.2	4"	.60	15	12	1 25
		Lat 3 of 7 of 19										
1	Phifer A.J.	" "	" "	2	0	2.48	15.	4"	.60	9	00	0 74
		Lat 8 of 19										
1	Phifer A.J.	10520		20	0	20.27	122.8	5"	.90	110	52	6 08
		Lat 1 of 8 of 19										
1	Phifer A.J.	" "	" "	5	0	3.05	1.85	4"	.60	11	10	0 92
		Lat 2 of 8 of 19										
1	Phifer A.J.	Survey	12730 12733	3	0	3.34	20.2	4"	.60	12	12	1 00
		Lat 1 of 2 of 8 of 19										
1	Phifer A.J.	" "	" "	3	0	2.93	17.7	4"	.60	10	62	0 88
		Lat 3 of 8 of 19										
1	Phifer A.J.	" "	" "	3	0	4.51	27.4	4"	.60	16	44	1 35
		Lat 4 of 8 of 19										
1	Phifer A.J.	" "	" "	4	0	5.	30.3	4"	.60	18	18	1 50

Record of	No Working Sec	Owner's Name as found on Duplicate	Description	Ditch Improvement No.									
				Acres	Inm. Stakes	To Stakes	No. of Posts & Spikes	Size of Ditch	Cost per acre	Cost of Estimation	Estimated Cost of Location		
	1	Phifer A.J.	Lat 9 of 19 Survey No $\frac{12730}{12733}$	3	0	2.87	17.3	4in	.65	11	24	0	86
	1	Phifer A.J.	Lat 1 of 9 of 19 " " "	4	0	4.57	27.5	4"	.60	16	50	1	35
	1	Phifer A.J.	Lat 10 of 19 " " 8121	12	0	10.58	64	4"	.60	38	40	3	17
	1	Phifer A.J.	Lat 11 of 19 " " 8121	10	0	11.58	70	4"	.60	42	00	3	47
	1	Phifer A.J.	Lat 1 of 11 of 19 " " 8121	3	0	3.49	21	4"	.60	12	60	1	05
	1	Phifer A.J.	Lat 2 of 11 of 19 " " 8121	2	0	1.50	9	4"	.60	5	40	0	45
	1	Phifer A.J.	Lat 3 of 11 of 19 " " 8121	2	0	1.86	11.2	4"	.60	6	72	0	56
	1	Phifer A.J.	Lat 12 of 19 " " 8121	5	0	6.44	39	4"	.60	23	40	1	93
	1	Phifer A.J.	Lat 1 of 12 of 19 " " 8121	2	0	1.88	11.3	4"	.60	6	78	0	56
	1	Phifer A.J.	Lat 2 of 12 of 19 " " 8121	2	0	1.72	10.4	4"	.60	6	24	0	52
	1	Phifer A.J.	Lat 13 of 19 " " $\frac{12730}{12733}$	1	0	1	6	4"	.60	3	60	0	30
	1	Phifer A.J.	Lat 14 of 19 " " "	3	0	3.17	19	4"	.60	11	40	0	75
	1	Missouri Plomman	Lat A of No 12 " " 8121	5	0	4.58	27.6	4"	.70	19	32	1	40
	1	Missouri Plomman	Lat B of 12 " " "	4	0	4.24	25	4"	.70	17	50	1	20
	1	Missouri Plomman	Lat C of 12 " " "	10	0	9.03	54.6	4"	.70	38	32	2	70
	1	Missouri Plomman	Lat 1 of C of 12 " " "	5	0	4.83	27.7	4"	.70	18	39	1	50
	1	Missouri Plomman	Lat 1 of 1 of C of 12 " " "	3	0	2.62	16	4"	.70	11	20	0	90
	1	Missouri Plomman	Lat 2 of C " " "	8	0	10.68	64.7	4"	.70	45	29	3	00
	1	Missouri Plomman	Lat D of 12 " " "	4	0	4.	24	4"	.70	16	80	1	20
	1	Missouri Plomman	Lat E of 12 " " "	5	0	6.91	42	4"	.70	29	40	2	10
	1	Missouri Plomman	Lat F of 12 " " "	5	0	6.28	38	4"	.70	26	60	1	80

Record	No. of Stakes	Owner's Name as found on Duplicate	Description	Acres	From Stake	To Stake	No. of Rods Approximate	Size of Pipe	Cost per Cord	Cost of Excavation	♀	Estimated Cost of	Location
			Extension of No 11 on Plowman land										
1		Missouri Plowman	Curvy 81 21	50	0	22.40	103.68	4 in 5"	.70 .80	122	50	600	
			Lat A of 11										
1		Missouri Plowman	" "	2	0	2	12	4"	.70	8	40	060	
			Lat B of 11										
1		Missouri Plowman	" "	4	0	5.39	33.7	4"	.70	22	89	150	
			Lat 1 of B of 11										
1		M. Plowman	" "	5	0	6.17	37.5	4"	.70	26	25	180	
			Lat 1 of 1 of B										
1		M. Plowman	" "	2	0	2	12	4"	.70	8	40	060	
			Lat C of 11										
1		M. Plowman	" "	5	0	8.55	57.7	4"	.70	36	19	240	
			Lat 1 of C										
1		M. Plowman	" "	2	0	2	12	4"	.70	8	40	060	
			Lat D of 11										
1		M. Plowman	" "	10	0	8.12	49.2	4"	.70	34	44	240	
			Lat 1 of D										
1		M. Plowman	" "	10	0	8.63	52.3	4"	.70	36	61	200	
			Lat 2 of D										
1		M. Plowman	" "	2	0	2	12	4"	.70	8	40	060	
			Lat A of 3 of 12										
1		Mary Phifer	" "	8	0	6	36	4"	.60	21	60	180	
2		Saudalia Stranbridge	" "	15	6	15	64	4"	.60	32	40	270	

Record of

Ditch Improvement No.

Specifications of the Manner of Construction.

1st The within ditch must be cut fully down to the grade line at all points on Main & Laterals.

2 nd The Main ditch must have 6 in. tile from Station 0 to station 26.43	26.43	58.24
" " " " " 8 " " " " 26.43 " " " 58.24	26.43	58.24
" " " " " 10 " " " " 58.24 " " " 134.15	58.24	134.15
" " " " " 12 " " " " 134.15 " " " 175.15	134.15	175.15
" " " " " 15 " " " " 175.15 " " " 304.80	175.15	304.80
" " " " " 18 " " " " 304.80 " " " 347	304.80	347

3rd The Main ditch must be cut as an open ditch from station 347 to its outlet; One foot wide in bottom with side slopes of 2 feet horizontal to one foot vertical, & all excavated material must be carried back not less than 30 ft from outside points of ditch and smoothly and evenly spread down.

4th There must, also, be constructed in main ditch on right hand side of tile, from station 329 to 347, a ditch to carry off storm water, 2 feet deep, 2 feet wide in bottom & 12 feet wide on top, depositing all excavated material in old ditch.

5th Lateral No 1 must have 7 in. tile
" No 3 " " 4 " " from station 0 to 7.20 and 5 in. tile from 7.20 to 13.63; & laterals 1 & 2 of 3 must have 4 in. tile.

Laterals, No 4, 5, 6, 7, 10, 15 & 16, must all have 4 in. tile.

" " 8, 9, 13, & 14 must all have 5 in. tile.

" " 1, 2, & 3 of lateral No 8; 1, 2 & 3 of lateral 13; 1, & 2 of lateral 9; & 1, 2, 3, & 4 of lateral 14, must have 4 in. tile.

Lateral No 11 must have 8 in. tile.

" 1, 3 & 7 of lateral 11 must have 5 in. tile & all other laterals and laterals to laterals of laterals of No 11 must have 4 in. tile.

Lateral No 12 must have 5 in. tile from station 0 to station 15.62

" " " " " 6 " " " " 15.62 " " " 41.00	15.62	41.00
" " " " " 7 " " " " 41.00 " " " 46.56	41.00	46.56
" " " " " 8 " " " " 46.56 " " " 93.50	46.56	93.50

Laterals No 2, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, & 16, of lateral No 12 must have 4 in. tile.

Lateral 1 of 12 must have 5 in. tile.

" 3, 12 " " 5 " " from station 0 to station 14.

" 3, 12 " " 6 " " " " 14. " " 31.60

" 11 " 12 " " 6 " " " " 0. " " 24.12

" 1 of 3; 1 of 5; & 1, 2, & 3 of lateral 11 of 12 must have 4 in. tile.

No 17 must have 5 in. tile from station 0 to station 7.

" " " " " 6 " " " " 7 " " 23.25

" 17 " " 8 " " " " 23.25 " " 31.60

" " 1, 2, 3, 4, & 5, of lateral No 17, must have 4 in. tile.

" " 8 must have 7 in. tile from station 0 to station 8.50.

" " " " " 8 " " " " 8.50 " " 63.08

Record of

Ditch Improvement No.

Lateral No 1, 2, 3, 4, 5, 6, 7, 8, 9, 12, 13, 14, 15, 16, 17, 18, ^{and} 19 of lateral No 18 must have 4 in. tile

Lateral No 1 ^{and} 2 of 2; 1, 2 ^{and} 3 of 3; 1 of 4; 1 of 6; 1, 2, ^{and} 3 of 10; 1 ^{and} 2 of 11; 1 of 13; ^{and} 1 of 18, of lateral No 18 must have 4 in. tile.

Lateral No 10 ^{and} 11 of lateral 18 must have 5 in. tile, and No 3 of 18 must have 6 in. tile

Lateral No 19 must have 5 in. tile from station 0 to station 10.

" " " " " 6 " " " " 10. " " 15.

" " " " " 8 " " " " 15. " " 55.43

Laterals No 1, 2, 3, 5, 6, 9, 10, 11, 12, 13 ^{and} 14, of lateral No 19 must have 4 in. tile

Lateral No 1 of 4; 1, 2, ^{and} 3 of 7; 1 ^{and} 2 of 1 of 7; 1, 2, 3 ^{and} 4 of 8; 1 of 2 of 8; 1 of 9; 1, 2, ^{and} 3 of 11; ^{and} 1 ^{and} 2 of 12 of lateral No 19 must have 4 in. tile.

Lateral No 4, 7 ^{and} 8 of 19, must have 5 in. tile.

6th All tile must be truly ^{and} evenly laid in a trench cut fully down to the grade line, made even ^{and} straight in bottom, preparing one side of the trench to receive ^{and} dressing the tile thereto, in the laying, so that the tile shall nicely lie on the same plane, ^{and} at no time must there be a greater space than one-fourth of an inch between the ends of tile

7th All tile must be sound, well, evenly, ^{and} uniformly burned or baked, so that when struck they will give out a clear, ringing sound, ^{and} in no case must warped or crooked tile be employed, except in turning curves in ditches.

8th In filling in above the tile, care must be taken to prevent their displacement ^{and} to affect this object dirt must be tramped or pressed in on each side of the tile to half their height while they are held in position, ^{and} in prying with earth care must be used not to break them.

9th All trees, bushes, shrubs &c, within 30 ft. of any of the foregoing tile ditches must be destroyed to prevent their roots from growing into ^{and} stopping up tile.

10th All the foregoing tile must be strictly first class as to material ^{and} workmanship.

11th The dimensions of tile herein before given refers to internal diameters only, including no part of thickness of the tile and when the diameter is less by one third of an inch, than that required, or when the mean of the greater ^{and} less diameters should measure less than the required diameter by one third of an inch than such tile shall be rated and paid for the same as that the diameter of which is an inch less

Record of

Ditch Improvement No.

Ditch Notice

Auditor's Office, Madison County, Ohio, July 8th. A.D. 1886

You are hereby notified that a petition signed by Caudalia Strawbridge and others was filed with the Auditor of said Madison County on the 13th day of February, 1886, asking for the deepening, widening, straightening and otherwise, a Ditch, Drain or Water-course on the following line, to wit:
 (The ^{description of} apportionment following embraced in this notice are the same as appear on former pages of this Journal)
 That such proceedings have been duly had that the Commissioners have examined the line of said ditch and have found said improvement to be necessary and will be conducive to the public health, convenience and welfare, and Clint. Morse the duly appointed Engineer has filed in this office his report; and that as such Auditor of said county, the undersigned has fixed the 26th day July, 1886, at 10 o'clock a.m. at the Auditor's office for the hearing of said matter.

Auditors Office Madison County, Ohio
 July 26 A.D. 1886

The State of Ohio }
 Madison County, ss. }

On this 26th day of July A.D. 1886, personally came A. J. Phifer who being duly sworn according to Law, deposes and says that on the days hereinafter named, he served the annexed notice on the persons hereinafter named, by delivering to each person opposite whose name appears "D" a true copy of the annexed notice with the duplicate of the tabular statement thereto attached; and on those opposite whose name appears "R" by leaving the same, with the duplicate of tabular statement, thereto attached, at their usual place of residence.

Name of Person Served	When Served	Name of Person Served	When Served
J. I. Duncan (R)	July 15, 1886	London O.,	Aug. 3 1886
Mary Phifer (D)	" " "	The State of Ohio	} A. J. Phifer being duly sworn says that on the days hereinafter named, he served the foregoing notice on the persons hereinafter named in the manner indicated by the letters "D" & "R"
Missouri Plomau (D)	" 14 "	Madison Co ss	
Margaret Shough (D)	" 15 "		
Lizzie Maxey (R)	" " "		
Ed Armstrong agt. (D)	" " "		
Mrs David Watson (R)	" 14 "		
Austin Hutson agt. (R)	" " "		
A. J. Phifer (D)	" " "		
Robert Duncan (R)	" 15 "	W. M. Corbitt	"D" July 26, 86

Record of

Ditch Improvement No.

Samuel Hornbeck agt (R)	July 14, 1886	Robt J. Watson "D"	July 26, 1886
Mary E. Florence (R)	" 15. "	Mary Watson "D"	" " "
Stephen Phifer (D)	" " "	Louise Watson "D"	" " "
A.S. Jones agt. (R)	" 14. "	Anna Hornbeck "D"	" 27 "
Trustees Paint Sp (D)	" 15. "	and further deponent saith not A.J. Phifer	
John Shea (D)	" 14. "	known to by A.J. Phifer before me this	
and further this deponent saith not A.J. Phifer.		3d day of August, 1886 and by him subscribed in my presence.	

S.M. Prugh
Auditor.

The foregoing notice was also given to Eliza J. Smith of San Jose, California; Eugene J. Crawford of 224 Fifth Avenue New York City; and Mrs A.M. Colburn and Mary May Buffenberg, of Elizabeth, New Jersey by publication in the London Times, a newspaper published and of general circulation in the County of Madison, State of Ohio, for two consecutive weeks prior to the day of hearing.

S.M. Prugh
Auditor.

Record of

Ditch Improvement No.

Auditor's Office Madison County, Ohio.

July 26th A.D. 1886

In the matter of Ditch Improvement No. }
 Petitioned for by Saldalia Stranbridge et al. }

This day the Board of Commissioners being in Regular session, present D. B. Sanford, Chas. Amann and Samuel Fralich, and this being the day and hour fixed by the Auditor for the hearing of the above styled matter, and the Board being fully advised in the premises, do find that due notice has been given to all lot and land owners and to the authorities of all municipal and private corporations affected by said improvement, notifying them of the pendency, substance and prayer of said petition, together with a tabular statement of the apportionment as made by the Engineers, for the length of time required by law.

Excepting to M. W. Cobitt Anna Hornbeck, Robert J. Watson, Mary Watson and Louise Watson heirs of David Watson dec'd. The Commissioners further find that no claims for damages or compensation has been filed except by Mary E. Florence. Thereupon the Commissioners ordered that the above named persons be served with notice as required by statute and the further hearing of this matter is continued to the 6th day of August A.D. 1886
 At 10 o'clock A.M.

In the matter of the Ditch Improvement }
 petitioned for by Saldalia Stranbridge et al. }

This day the Board of Commissioners being in Regular Session and this being the day and the hour fixed for the further hearing of the above entitled case and the Board being fully advised in the premises do find that due notice had been given to all lot and land owners, and to the authorities of all municipal and private corporations affected by said improvement notifying them of pendency substance and prayer of said petition together with a tabular statement of the apportionment as made by the Engineers for the length of time required by law. The Board after and upon an actual view of the premises of and claimants for damages and compensation in order to fix and allow such compensation for lands appropriated and assess such damages as will in their judgment secure from the construction of said improvement to said persons as well as to each idiot, insane person or minor owning lands taken or affected by said improvement do find in their judgment

Record of

Ditch Improvement No.

that no damages or compensation ought to be allowed to any of the aforesaid parties and do therefore overrule the said claim and allow no damages or compensation herein and having heard the evidence and examined the report of the Engineer with the schedule thereto attached do find that the same is fair & just according to the benefits derived therefrom by the owner of each lot or tract of land and by municipal and private corporation and Rail Road. Compromise and do hereby overrule all exceptions thereto. It is therefore ordered that said report and is hereby approved and confirmed.

S.M. Prugh
Auditor & Clerk.

D.B. Sanford
President.

Record of

Ditch Improvement No.

Report of Sale

Gentleman: In obedience to your direction and also in pursuance of the notice, duly given by the Auditor, of the work of constructing the above styled improvement, at the time and place therein specified, I offered the said several working sections for sale to the lowest responsible bidder at public outcry, and sold the same to persons hereinafter named, at the prices herein stated, and took their contracts and bonds respectively conditioned according to law, and return the same herewith for your approval.

No. of Working Sec.	To Whom Sold.	Price for which it sold.	To Whom assigned.	When to be completed.
1	Clifton & Schull	4 30	John Shea	Dec 24 th 1886
2	"	4 50	Paint Township	" " "
3	"	3 20	A.S. Jones	" " "
4	Michael Castelo	65 64	John Shea	" 10 th "
5	Robert L Jones	41 68	Elija J Smith	" 6 "
6	Sam Willoughby	74 46	Stephen Phifer	" 10 "
7	"	80 54	Mary C.C. Florence	" 1 "
8	"	35 05	Samuel Starnbeck	Nov 10 "
9	"	163 68	Anne Starnbeck	" 1 "
10	"	37 95	Madison Co. Ohio	" 1 "
Part 11	"	187 86	Robert P. Duveau	Oct. 15 "
" 11	Evans & Keifer	43 56	" " "	Dec. 1 "
Part 12	"	157 85	Vandalia Stranbridge	" 1 "
" 12	James & Con Lyons	36 80	" " "	Nov 20 "
13	"	14 88	A.J. Phifer	" " "
14	"	3 45	Mary May Buffenberg	" " "
15	"	7 44	David Watson	" " "
16	"	1 73	A.M. Colburn	" " "
Part 17	"	40 92	Mary M. Buffenberg	" " "
" 17	"	9 49	" " "	" " "
18	"	205 00	Eugene J. Cranford	" " "
19	"	41 18	Madison Co. O.	" " "
20	"	221 78	Lizzie Maxey	" " "
21	"	44 55	Margaret Though	Sept 10 "
Lat 1. 1.	Michael Castelo	278 00	John Shea	Dec " "
2	"	69 52	Paint Township	" " "
Lat 3. 1	James Crumley	181 80	Vandalia Stranbridge	Dec 1 "
2	"	46 81	R.P. Duveau	" " "
Lat 1 of 3	"	90 90	Vandalia Stranbridge	" " "
" 2 of 3	"	23 41	R.P. Duveau	" " "
		345 30	Vandalia Stranbridge	" " "
		88 91	R.P. Duveau	" " "
		486 20	Vandalia Stranbridge	" " "
		112 32	R.P. Duveau	" " "
		103 26	Vandalia Stranbridge	" " "
		265 89	R.P. Duveau	" " "
		605 88	Vandalia Stranbridge	" " "
		122 40	R.P. Duveau	" " "
		569 75	Vandalia Stranbridge	" " "
		158 98	R.P. Duveau	" " "
		29 70	Vandalia Stranbridge	" " "
		6 00	R.P. Duveau	" " "
		59 40	Vandalia Stranbridge	" " "
		12 00	R.P. Duveau	" " "
		125 41	Vandalia Stranbridge	" " "
		12 12	R.P. Duveau	" " "
		9 90	Vandalia Stranbridge	" " "
		3 00	R.P. Duveau	" " "
		2 25	Vandalia Stranbridge	" " "
		8 61	R.P. Duveau	" " "
		12 21	Vandalia Stranbridge	" " "
		12 87	R.P. Duveau	" " "
		10 92	Vandalia Stranbridge	" " "
		4 94	R.P. Duveau	" " "
		7 00	Vandalia Stranbridge	" " "
		3 67	R.P. Duveau	" " "
		5 21	Vandalia Stranbridge	" " "

Record of		Ditch Improvement No.			
No. of	To Whom Sold	Amount for which it was paid.	cts.	To Whom Assigned	When to be completed
Lat No 4	1 James Crumley	4	26	Vandalia Stranbridge	Dec. 1 st 1886
No 5	" "	3	47	" "	" " "
" 6	" "	4	93	" "	" " "
" 7	" "	4	28	" "	" " "
" 8	" "	6	07	" "	" " "
" 8	Clifton & Schull	4	98	" "	" " "
Lat 1 of 8	" "	7	08	" "	" " "
" 2 of 8	" "	37	75	R.P. Duncan	Nov 10 th "
" 3 of 8	" "	27	69	" " "	" " "
" 8	" "	2	96	" " "	" " "
No 9	James Crumley	4	01	" " "	" " "
Lat 1 of 9	" "	2	45	" " "	" " "
Lat 2 of 9	" "	3	72	" " "	" " "
No 10	" "	4	78	" " "	" " "
No 11	Robert Jenkins	6	47	" " "	" " "
" 11	" "	25	97	Vandalia Stranbridge	Dec 1 st "
" 11	" "	22	03	" " "	" " "
" 11	" "	4	38	" " "	" " "
" 11	" "	6	21	" " "	" " "
" 11	" "	6	77	" " "	" " "
" 11	" "	9	50	" " "	" " "
" 11	" "	7	46	" " "	" " "
" 11	" "	10	58	" " "	" " "
" 11	" "	10	76	Mary E. C. Florence	" 31 st "
" 11	" "	5	00	Madison Co. O	" " "
" 11	" "	3	58	Robert P. Duncan	" " "
" 11	" "	1	67	" " "	" " "
" 11	" "	104	98	" " "	" " "
" 11	" "	60	62	" " "	" " "
" 11	" "	27	45	" " "	" " "
" 11	" "	28	70	" " "	" " "
" 11	" "	4	31	" " "	" " "
" 11	" "	6	04	" " "	" " "
" 11	" "	6	66	" " "	" " "
" 11	" "	9	35	" " "	" " "
" 11	" "	2	80	" " "	" " "
" 11	" "	3	94	" " "	" " "
" 11	" "	3	84	" " "	" " "
" 11	" "	3	99	" " "	" " "
" 11	" "	6	64	" " "	" " "
" 11	" "	9	32	" " "	" " "
" 11	" "	3	52	" " "	" " "
" 11	" "	4	93	" " "	" " "
" 11	" "	4	70	" " "	" " "
" 11	" "	6	60	" " "	" " "
" 11	" "	39	44	" " "	" " "
" 11	" "	33	16	" " "	" " "
" 11	" "	1	82	" " "	" " "
" 11	" "	2	55	" " "	" " "
" 11	" "	7	35	" " "	" " "
" 11	" "	10	32	" " "	" " "
" 11	" "	4	62	" " "	" " "
" 11	" "	6	49	" " "	" " "
" 11	" "	4	35	" " "	" " "
" 11	" "	6	10	" " "	" " "
" 11	" "	5	89	" " "	" " "
" 11	" "	8	27	" " "	" " "
" 11	" "	3	56	" " "	" " "
" 11	" "	5	00	" " "	" " "
" 11	" "	7	11	" " "	" " "
" 11	" "	9	99	" " "	" " "
" 11	" "	1	78	" " "	" " "
" 11	" "	2	50	" " "	" " "
" 11	" "	4	15	" " "	" " "
" 11	" "	5	83	" " "	" " "
" 11	" "	3	56	" " "	" " "
" 11	" "	5	00	" " "	" " "
" 11	" "	33	30	" " "	" " "
" 11	" "	28	00	" " "	" " "
" 11	" "	2	84	" " "	" " "
" 11	" "	3	99	" " "	" " "
" 11	" "	11	59	" " "	" " "
" 11	" "	16	29	" " "	" " "
" 11	" "	5	53	" " "	" " "
" 11	" "	7	77	" " "	" " "
Lat 12	1 Joseph Roberts	85	85	Missouri Plowman	" 10 th "
" 12	2 " "	66	45	Madison Co. O.	" " "
" 12	3 Clifton & Schull	4	80	Robert P. Duncan	Sept. 25 th "
" 12	Joseph Roberts	3	21	Missouri Plowman	Dec 10 th "
" 12	" "	178	55	" " "	" " "
" 12	" "	56	42	" " "	" " "
" 12	" "	32	87	" " "	" " "
" 12	" "	26	64	" " "	" " "
" 12	" "	5	45	" " "	" " "
" 12	" "	7	38	" " "	" " "

Record of		Ditch Improvement No.		
No of Working decs	To Whom sold	Amount for which it sold.	To Whom assigned	When to be completed
Lat 13 of 12	Joseph Roberts	4 94	Missouri Plowman	Dec 10 th 1886
" 6 " 12 1	"	6 69	"	"
" 1 of 6	"	10 78	"	"
" 1 of 6 of 12 1	"	14 60	"	"
" 1 of 6 of 12 1	"	5 47	"	"
" 1 of 6 of 12 1	"	7 40	"	"
" 1 of 6 of 12 1	"	3 61	"	"
" 2 of 6 of 12 1	"	4 28	"	"
" 2 of 6 of 12 1	"	12 78	"	"
" 2 of 6 of 12 1	"	17 30	"	"
" 2 of 6 of 12 1	"	4 74	"	"
" 2 of 6 of 12 1	"	6 42	"	"
" 2 of 6 of 12 1	"	8 30	"	"
" 2 of 6 of 12 1	"	11 23	"	"
" 2 of 6 of 12 1	"	7 51	"	"
" 2 of 6 of 12 1	"	10 16	"	"
Extension of Lat 11 of Missouri Plowman's Land	D.C. Snow	13 13	"	Dec 1 st 1886
Lat a of 11 1	"	2 37	"	"
" B " 11 1	"	6 45	"	"
" 1 of B " 11 1	"	8 01	"	"
" 1 of B " 11 1	"	7 40	"	"
" 1 of B " 11 1	"	9 19	"	"
" 1 of B " 11 1	"	2 37	"	"
" 1 of B " 11 1	"	2 94	"	"
" 1 of B " 11 1	"	10 21	"	"
" 1 of B " 11 1	"	12 66	"	"
" 1 of B " 11 1	"	2 37	"	"
" 1 of B " 11 1	"	2 94	"	"
" 1 of B " 11 1	"	9 72	"	"
" 1 of B " 11 1	"	12 05	"	"
" 1 of B " 11 1	"	10 33	"	"
" 1 of B " 11 1	"	12 81	"	"
" 1 of B " 11 1	"	2 37	"	"
" 1 of B " 11 1	"	2 94	"	"
" 2 of 12 1	Joseph Roberts	8 65	Robt. P. Duncan	Oct 20 th 1886
" 3 of 12 1	"	15 23	Mary Phifer	Nov 5 " "
" 2 of 12 1	"	13 99	Vandalia Strawbridge	" 5 " "
" 3 of 12 1	"	16 32	Robert P. Duncan	" 5 " "
" 2 of 12 1	"	37 30	"	"
" 3 of 12 1	"	41 97	"	"
" 1 of 3 1	"	14 00	"	"
" 4 " 12 1	"	13 00	"	"
" 5 " 12 1	"	5 21	"	"
" 1 of 5 of 12 1	"	8 58	"	Oct 20 " "
" 6 " 12 1	"	6 16	"	"
" 7 " 12 1	"	10 14	"	"
" 8 " 12 1	"	13 88	"	"
" 9 " 12 1	"	22 84	"	"
" 10 " 12 1	"	3 66	"	"
" 11 " 12 1	"	5 85	"	"
" 12 " 12 1	"	3 66	"	"
" 13 " 12 1	"	15 85	"	"
" 14 " 12 1	"	10 23	"	"
" 15 " 12 1	"	16 83	"	"
" 16 " 12 1	"	7 09	"	"
" 17 " 12 1	"	11 66	"	"
" 18 " 12 1	"	5 43	"	"
" 19 " 12 1	"	8 93	"	"
" 20 " 12 1	"	5 19	"	"
" 21 " 12 1	"	8 55	"	"
" 22 " 12 1	"	51 10	"	"
" 23 " 12 1	"	47 45	"	"
" 24 " 12 1	"	6 83	"	"
" 25 " 12 1	"	11 25	"	"
" 26 " 12 1	"	4 66	"	"
" 27 " 12 1	"	7 67	"	"
" 28 " 12 1	"	2 37	"	"
" 29 " 12 1	"	3 90	"	"
" 30 " 12 1	"	6 60	"	"
" 31 " 12 1	"	10 85	"	"
" 32 " 12 1	"	5 81	"	"
" 33 " 12 1	"	9 57	"	"
" 34 " 12 1	"	5 25	"	"
" 35 " 12 1	"	8 65	"	"
" 36 " 12 1	"	4 15	"	"
" 37 " 12 1	"	6 83	"	"
" 38 " 12 1	"	6 52	"	"
" 39 " 12 1	"	10 73	"	"
" 40 " 12 1	"	11 78	"	"
" 41 " 12 1	Robert Jenkins	18 32	Vandalia Strawbridge	Dec 1 st 1886
" 42 " 12 1	"	6 70	"	"
" 43 " 12 1	"	9 41	"	"
" 44 " 12 1	"	3 54	"	"
" 45 " 12 1	"	4 96	"	"

Record of		Ditch Improvement No.		
No. of Working Sect.	Township sold	Amount for which sold	Township assigned	When to be completed.
Lat 3 of 13	1 Robert Jenkins	5 13	Daudalia Strawbridge	Dec 1" 1886
" 74	" "	27 92	" "	" " "
" 1 of 14	" "	23 47	" "	" " "
" 2 of 14	" "	2 96	" "	" " "
" 3 of 14	" "	7 38	" "	" " "
" 4 of 14	" "	10 37	" "	" " "
" 5 of 14	" "	6 22	" "	" " "
" 6 of 14	" "	8 74	" "	" " "
" 7 of 14	" "	4 20	" "	" " "
" 8 of 14	" "	6 60	" "	" " "
" 9 of 14	" "	7 47	" "	" " "
" 10 of 14	" "	10 48	" "	" " "
" 11 of 14	" "	7 58	" "	" " "
" 12 of 14	" "	10 65	" "	" " "
" 13 of 14	" "	13 99	" "	" " "
" 17	1 John Phillips	18 23	Robert P Duncan	" " "
" 17	2 " "	64 67	Daudalia Strawbridge	" " "
" 1 of 17	" "	2 37	Robert P Duncan	" " "
" 2 of 17	" "	3 97	Daudalia Strawbridge	" " "
" 3 of 17	" "	8 64	" "	" " "
" 4 of 17	" "	4 87	" "	" " "
" 5 of 17	" "	8 85	" "	" " "
" 6 of 17	" "	4 86	" "	" " "
" 7 of 17	" "	10 57	" "	" " "
" 8 of 17	" "	5 82	" "	" " "
" 9 of 17	" "	10 92	" "	" " "
Lat 18	1 Phineas Phillips	123 85	" "	" 31 "
" 18	2 John Phillips	71 78	A. J. Phifer	" 10 "
" 1 of 18	1 Phineas Phillips	94 41	Daudalia Strawbridge	" 31 "
" 2 of 18	" "	42 66	" "	" " "
" 3 of 18	" "	7 52	" "	" " "
" 4 of 18	" "	18 07	" "	" " "
" 5 of 18	" "	21 28	" "	" " "
" 6 of 18	" "	4 64	" "	" " "
" 7 of 18	" "	7 52	" "	" " "
" 8 of 18	" "	2 51	" "	" " "
" 9 of 18	" "	4 06	" "	" " "
" 10 of 18	" "	15 92	" "	" " "
" 11 of 18	" "	14 56	A. J. Phifer	" " "
" 12 of 18	" "	7 95	Daudalia Strawbridge	" " "
" 13 of 18	" "	3 26	A. J. Phifer	" " "
" 14 of 18	" "	5 02	A. J. Phifer	" " "
" 15 of 18	" "	6 18	A. J. Phifer	" " "
" 16 of 18	" "	9 89	Daudalia Strawbridge	" " "
" 17 of 18	" "	5 73	" "	" " "
" 18 of 18	" "	9 28	Daudalia Strawbridge	" " "
" 19 of 18	" "	11 79	" "	" " "
" 20 of 18	" "	19 10	" "	" " "
" 21 of 18	" "	5 84	" "	" " "
" 22 of 18	" "	9 47	" "	" " "
" 23 of 18	" "	10 13	" "	" " "
" 24 of 18	" "	16 41	" "	" " "
" 25 of 18	" "	12 92	" "	" " "
" 26 of 18	" "	20 93	A. J. Phifer	" " "
" 27 of 18	" "	30 81	" "	" " "
" 28 of 18	" "	6 18	" "	" " "
" 29 of 18	" "	3 12	" "	" " "
" 30 of 18	" "	5 05	" "	" " "
" 31 of 18	" "	10 44	Daudalia Strawbridge	" " "
" 32 of 18	" "	16 93	" "	" " "
" 33 of 18	" "	3 26	A. J. Phifer	" " "
" 34 of 18	" "	5 28	A. J. Phifer	" " "
" 35 of 18	John Phillips	14 05	A. J. Phifer	" 10 "
" 36 of 18	" "	11 50	" "	" " "
" 37 of 18	" "	1 18	" "	" " "
" 38 of 18	" "	1 62	" "	" " "
" 39 of 18	" "	1 18	" "	" " "
" 40 of 18	" "	1 62	" "	" " "
" 41 of 18	" "	2 13	" "	" " "
" 42 of 18	" "	2 91	" "	" " "
" 43 of 18	" "	14 09	Daudalia Strawbridge	" " "
" 44 of 18	" "	11 52	A. J. Phifer	" " "
" 45 of 18	" "	6 17	" "	" " "
" 46 of 18	" "	5 04	" "	" " "
" 47 of 18	" "	3 53	Daudalia Strawbridge	" " "
" 48 of 18	" "	4 86	" "	" " "
" 49 of 18	" "	2 86	A. J. Phifer	" " "
" 50 of 18	" "	3 91	" "	" " "
" 51 of 18	" "	2 37	" "	" " "
" 52 of 18	" "	3 24	" "	" " "

Record of		Ditch Improvement No.				
	No Working Sec	To Whom sold	Amount for which sold	cx	To whom assigned	When to be completed
Lat 12 of 18	1	John Phillips	8 93	12 20	A. J. Phifer	Dec 10 th 1886
" 13 " 18	1	" "	11 41	15 60	" " "	" " "
" 1 of 13 " 18	1	" "	3 47	4 75	" " "	" " "
" 14 " 18	1	" "	2 88	3 94	" " "	" " "
" 15 " 18	1	" "	3 46	4 73	" " "	" " "
" 16 " 18	1	" "	4 98	5 98	" " "	" " "
	2	" "	8 18	4 74	Davidia Strambridge	" " "
" 17 " 18	1	" "	6 48	6 54	A. J. Phifer	" " "
" 18 " 18	1	" "	4 21	6 89	" " "	" " "
" 1 of 18 " 18	1	" "	12 15	4 30	" " "	" " "
" 1 of 18 " 18	1	" "	4 51	3 55	" " "	" " "
" 19 " 18	1	" "	4 86	4 86	" " "	" " "
Lat 19	1	Patrick Blake	160 97	86 54	" " "	31 "
	2	" "	16 01	7 50	David Watson	" " "
" 1 of 19	1	" "	2 37	3 36	A. J. Phifer	" " "
" 2 " 19	1	" "	3 15	7 31	" " "	" " "
" 3 " 19	1	" "	6 71	9 52	" " "	" " "
" 4 " 19	1	" "	8 78	29 57	" " "	" " "
" 1 of 4 of 19	1	" "	1 90	2 53	" " "	" " "
" 5 of 19	1	" "	12 07	17 11	" " "	" " "
" 6 " 19	1	" "	13 23	18 76	" " "	" " "
" 7 " 19	1	" "	26 17	22 20	" " "	" " "
" 1 of 7 of 19	1	" "	2 86	4 06	" " "	" " "
" 1 of 7 " 19	1	" "	1 78	2 52	" " "	" " "
" 2 of 7 " 19	1	" "	1 87	2 63	" " "	" " "
" 2 " 7 " 19	1	" "	4 98	7 05	" " "	" " "
" 3 " 7 " 19	1	" "	2 96	4 20	" " "	" " "
" 3 of 7 " 19	1	" "	40 52	34 38	" " "	" " "
" 1 of 8 of 19	1	" "	5 65	5 18	" " "	" " "
" 2 " 8 " 19	1	" "	3 99	5 65	" " "	" " "
" 1 of 2 of 8 of 19	1	" "	3 49	4 25	" " "	" " "
" 3 of 8 " 19	1	" "	5 41	7 67	" " "	" " "
" 4 " 8 " 19	1	" "	5 98	8 48	" " "	" " "
" 9 of 19	1	" "	3 42	4 84	" " "	" " "
" 1 of 9 of 19	1	" "	5 43	7 70	" " "	" " "
" 10 " 19	1	" "	12 64	17 82	" " "	" " "
" 11 " 19	1	" "	13 83	19 60	" " "	" " "
" 1 of 11 of 19	1	" "	4 15	5 88	" " "	" " "
" 2 of 11 " 19	1	" "	1 78	2 52	" " "	" " "
" 3 of 11 " 19	1	" "	2 21	3 13	" " "	" " "
" 12 of 19	1	" "	7 70	10 82	" " "	" " "
" 1 of 12 of 19	1	" "	2 23	3 16	" " "	" " "
" 2 " 12 " 19	1	" "	2 05	2 91	" " "	" " "
" 13 of 19	1	" "	1 19	1 68	" " "	" " "
" 14 " 19	1	" "	3 75	5 2	" " "	" " "

Record of	Strawbridge Ditch Improvement No. 51		
No. Worked	To whom sold	Amount for which it sold cts	To whom assigned When to be completed,
1	L a 2 3 7 12 Joseph Roberts	7 11 10 98	Mary Thifer Oct 20 1886
2	" " "	20 67 20 79	Candalia Strawbridge " 20 "