

Record of proceedings in the matter of the Ditch Improvement Petitioned for by A. J. Coover et al and located in Union Township, Madison County, Ohio.
London, Ohio, June 27th A.D. 1899. Petition for location, constructing + straightening of a Ditch.
Ditch Petition. Filed June 27th 1899.

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

The undersigned owners of lots and lands which will be drained or benefited 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 and hereby pray for the location, construction, and straightening of a ditch on the route hereinafter set forth.

The necessity for the improvement 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 beginning route and termini of said proposed improvement, to wit:

Commencing on the land of Harriett Coover, deceased, in a pond on the south side of the London and Springfield pike and near the north west corner of said Coover; Thence through the lands of said Coover, John Troad, said Coover, said Troad, said Coover crossing the C. C. & St. L. Railroad; Thence through the lands of said Coover, D. P. Gerrard, said Coover said Gerrard crossing the said Railroad; Thence through the lands of said Gerrard to the head of what is known as the John Looney County Ditch, and there terminating, said terminus being near the north west corner of Richard Beard's 103 acre tract of land. Said ditch running in a general southerly and easterly direction, a distance in all of about 535 rods.

Your petitioners ask that said ditch may be made a tile ditch to a point on the land of D. P. Gerrard, where the ditch described in this petition is intersected by a large open ditch, or farther if the Board of Commissioners deem it practical, and that the ditch from said point to the terminus described herein, may be deepened and widened and straightened where necessary, and made of sufficient depth and capacity to give good outlet to other lands draining thereinto.

Your petitioners also ask that all necessary laterals may be located and constructed.

The names of all persons and corporations, either public or private, who in the opinion of the petitioners are in any way affected or benefited thereby, are as follows:

Harriett Coover (Heirs)

Harrison Wilson

A. J. Coover
 C. C. C. + St. L. Railroad Co.
 John Flanagan
 James H. Porter,
 S. W. Durlinger,
 Thos. L. Goodson
 Wash Wilson
 A. + J. Nicholson

M. R. Lamm
 D. F. Gerrard
 Melissa Bell
 Mary E. Payne
 Chas. Rider
 John Flanagan Sr.
 John Trowd.
 Nancy Williamson

E. E. Harvey, Agent of A. J. Coover,
 Bertha Coover
 Esta Coover Harvey, } Petitioners.

Petitioners' Bond.

Filed June 27th 1899.

Know all Men by These Presents, That E. E. Harvey as principal Bertha Coover, Esta Coover Harvey and H. F. Straw-bridges as sureties, are held and firmly bound unto the State of Ohio in the penal sum of Two Hundred Dollars, good and lawful money, for which we bind ourselves, and our heirs, executors and administrators.

Signed by us and dated this 27th day of June, A. D. 1899.

The condition of the above obligation is such, nevertheless, that, whereas, on the 27th day of June, A. D. 1899, the above bounden E. E. Harvey made application to the Commissioners of Madison County and on said day filed with the Auditor of said County, his petition for the location, construction and straightening of a ditch, in pursuance of the statute in such case made and provided, on the following route and termini, to wit:

Commencing on the lands of Harriett Coover, deceased, in a pond on the south side of the London and Springfield pike and near the north west corner of said Coover; Thence through the land of said Coover, John Trowd, said Coover, said Trowd, said Coover, crossing the C. C. C. + St. L. Railroad; Thence through the lands of said Coover, D. F. Gerrard, said Coover, said Gerrard, crossing the said Railroad; Thence through the land of said Gerrard to the head of what is known as the John Looney County Ditch and there terminating, said terminus being near the north west corner of Richard Peards 103 acre tract of land. Said ditch running in a general southerly and easterly direction - A distance in all of about 535 rods.

Your petitioner asks that said ditch may be made a tile ditch, to a point on the land of D. F. Gerrard where the ditch described in this petition is intersected by a large open ditch, or farther if the Board of Commissioners deem it practical, and that the ditch from said point to the terminus described herein, may be deepened and widened and straightened where necessary, and made of sufficient depth and capacity to give a good outlet to all lands draining thereinto.

Your petitioner also asks that all necessary laterals

may be located and constructed,

Now, if the above bounden E. E. Harvey shall pay all costs if the prayer of said petition be not granted, or if from any other cause the same shall be dismissed, then this obligation shall be void.

The above Bond^{and} Sureties thereon, are approved by me this 27th day of June A. D. 1899.

E. E. Harvey
Bertha Boover
Ester Boover Harvey
H. T. Strawbridge.

H. D. Wilson,

County Auditor.

Stamp
25¢

Stamp
25¢

Notice to Commissioners of Petitioned Filed and Time for Hearing.

Office of Auditor of Madison County, Ohio, June 27th 1899.

To the Honorable Board of Commissioners of said County;

Gentlemen: You are hereby notified that a petition and bond for a ditch improvement has been filed in this office on the 27th day of June, 1899, at 10 o'clock A. M. at the beginning of said proposed ditch described in said petition, for your hearing of said matter.

H. D. Wilson, Auditor (per 13.)

Copy of Ditch Petition.

London, Ohio, June 27th 1899. Petition for location, construction + straightening of a ditch.
To the Honorable Board of Commissioners Madison County, Ohio:

The undersigned owners of lots and lands which will be drained or benefited 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 and hereby pray for the location, construction and straightening of a ditch on the route herein after set forth.

The necessity of and the benefits of the improvement so prayed for 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 beginning, route and termini of said proposed improvement, to wit:

Commencing on the land of Harriett Boover, deceased, in a pond on the south side of the London and Springfield pike, and near the north west corner of said Boover; Thence through the lands of said Boover, John Troad, said Boover, said Troad, said Boover, crossing the C. & St. L. Railroad; Thence through the lands of said Boover, D. F. Gerrard, said Boover, said Gerrard; crossing the said railroad; Thence through the land of said Gerrard to the head of what is known as The John Looney County Ditch and there terminating; Said terminus being near the north west corner of Richard Beard's 103 acre tract of land. Said ditch running in a general southerly and easterly direction - a distance in all of about 535 rods.

The petitioner asks that said ditch may be made a tile ditch to a point on the land of D. F. Gerrard, where the ditch described in this petition is intersected by a large open ditch,

or farther if the Board of Commissioners deem it practical, and that the ditch from said point to the terminus described herein may be deepened and widened and straightened where necessary and made of sufficient depth and capacity to give good outlet to all lands draining thereinto.

The petitioner also asks that all necessary laterals may be located and constructed.

The names of all persons and corporations, either public or private, who in the opinion of the petitioners are in any way affected or benefited thereby are as follows:

Harriett Coover (Heirs)

A. J. Coover

C. C. C. & St. L. Railroad Co.

John Flanagan

James H. Porter

S. H. Durflinger

Thos. L. Goodson

Wash. Wilson

A. and J. Nicholson.

M. R. Lammom

D. T. Gerrard

Harrison Wilson

Melissa Bell

Mary E. Payne

Chas. Rider

John Flanagan, Sr.

John Troad

Nancy Williamson.

E. E. Harvey, Agent of A. J. Coover.

Bertha Coover

Esta Coover Harvey

} Petitioners.

I hereby certify the foregoing to be a true copy of a Ditch Petition filed in my office on the 27th day of June 1899.

W. D. Wilson, County Auditor. (B.)

Commissioner's Office, Madison County,
London, Ohio, June 27th 1899.

Board of Commissioners met today in Special Session.

Members present: James Withrow, Jas. B. Anderson and Chas. H. Markley.

In the matter of the

Ditch Imp. Petitioned

for by A. J. Coover et al.

} Notice of filing of petition and fixing time for view.

The County Auditor having delivered to this board a certified copy of a petition filed with him on the 27th day of June 1899, signed by A. J. Coover et al, praying for the location, construction and straightening of a county ditch between the terminus and along the route stated below, to wit:

Commencing on the land of Harriett Coover, deceased, in a pond on the south side of the London and Georgesville pike, and near the north west corner of said Coover; Thence through the land of said Coover, John Troad, said Coover, said Troad, said Coover, crossing the C. C. C. & St. L. Railroad; Thence through the lands of said Coover, D. T. Gerrard, said Coover, said Gerrard, crossing the said railroad; Thence through the lands of said Gerrard to the head of what is known as The John Looney County Ditch and there terminating. Said terminus being near the north west corner

of Richard Peard's 103 Acre tract of land. Said ditch running in a general southerly and easterly direction - a distance in all of about 535 rods.

The petitioners ask that said ditch may be made a tile ditch to a point on the land of D. P. Herrard, where the ditch described in this petition is intersected by a large open ditch or farther if the Board of Commissioners deem it practical, and that the ditch from said point to the terminus described herein, may be deepened and widened and straightened where necessary, and made of sufficient depth and capacity to give good outlet for all lands draining thereinto.

The petitioners also ask that all necessary laterals may be located and constructed.

And it appearing that said petitioner has given bond as required by law, which has been duly approved by said Auditor and said Auditor having fixed the 19th day of July, 1899, as the time for hearing said petition, it is ordered that this board meet on said day at the place of beginning of said ditch as described in said petition, to hear proof offered by any of the parties affected by said improvement, and others competent to testify, and to determine as to the necessity of said improvement.

On the question of the adoption of the foregoing entry and orders relating to said petition and ditch, all members voted "Aye"

James Withrow }
Jas. B. Anderson } Commissioners
Chas. S. Markley. } of
Madison County

Auditor's Office, Madison County, Ohio
June 27th A. D. 1899.

In the matter of the }
Ditch Imp. Petitioned } Notice to Lot or Land Owners.
for by A. J. Boover et al. }

To the Lot or Land Owners, and to the Corporation, either Public or Private, affected by said Improvement. You, and each of you are hereby notified that on the 27th day of June A. D. 1899, A. J. Boover et al, filed a petition with the Auditor of said County, the prayer of which is for the location, construction and straightening of a ditch on the following starting point, route and terminus to-wit:

Commencing on the lands of Harriett Boover, deceased in a pond on the south side of the London and Georgesville pike and near the north corner of said Boover; Thence through the lands of said Boover, John Proud, said Boover, said Proud said Boover, crossing the C. C. C. + St. L. Railroad; Thence through the lands of said Boover, D. P. Herrard, said Boover, said Herrard, crossing the said railroad; Thence through the lands of said Herrard, to the head of what is known as The John Looney

County Ditch, and there terminating. Said terminus being near the northwest corner of Richard Beard's 103 acre tract of land. Said ditch running in a general southerly and easterly direction - a distance in all of about 585 rods.

The petitioner asks that said ditch may be tiled ditch to a point on the land of D. F. Gerrard where the ditch described in this petition is intersected by a large open ditch, or farther if the Board of Commissioners deem best and that the ditch from said point to the terminus described in said petition may be deepened and widened and straightened where necessary and be made of sufficient depth and capacity to give good outlet to all lands draining thereinto.

The petitioners also ask that all necessary laterals may be located and constructed.

You are also notified that the following time and place have been fixed when and where the Commissioners of said County will meet for the hearing of said petition, to wit: Wednesday, July 19th 1899, at 10 o'clock A.M. at the beginning of said proposed ditch improvement for the purpose of hearing any and all proof offered by any of the parties affected by said improvement, whether the said ditch will be conducive to the public health, convenience and welfare; and whether the route described is the best route, and any and all objections to said proposed ditch improvement.

Any application for compensation or damage, or for any change in route, must be in writing and filed with the Commissioners on or before the day set for hearing.

No further notice of any proceedings in this matter will be given.

H. D. Wilson, Auditor of Madison County.

State of Ohio } Proof of Notice.
Madison County ss. }

On this 3rd day of July, 1899, personally appeared before the undersigned authority, E. E. Harvey, who being first duly sworn, deposes and says that he served the annexed and above notice on the respective parties herein named, by delivering to each a true copy thereof, except such as have waived the service thereof, by placing their signature thereto.

Name of Person Served.	How Served.	When Served.
C. C. C. & St. L. Railroad	Agt. Personally	July 1 st 1899.
John Flanagan Jr. & Sr.	Personally	June 30 th 1899.
James H. Porter	"	" " "
S. W. Durlinger	"	July 1 st 1899.
Thos. L. Goodson	"	June 30 th 1899.
Wash. Wilson	"	" " "

A. J. Nicholson	Personally	June 30" 1899
Missouri Lamson	"	" " "
D. T. Gerrard	Residence	July 3" 1899
Melissa Bell	Personally	June 30" 1899.
Chas. Rider	"	" " "
John Troud	"	July 1" 1899
Nancy Williamson	"	" 3" "
Oliver Williams	"	June 30" 1899
Jacob West	"	" " "
Milton Graham	"	" " "

We acknowledge service of the above Notice.
 Wash. H. Wilson, F. B. Goodson, Harrison Wilson, Esta Boover
 Harvey, Bertha Boover, S. C. Troud, Emma D. Johnston
 and H. B. Johnson.

And further this deponent saith not.

E. E. Harvey.

Sworn to by E. E. Harvey before me and by him subscribed in
 my presence this 3rd day of July, A. D. 1899.

Geo. W. Clark,

Deputy Auditor.

Ditch Notice.

In the matter of the ditch improvement petitioned for by
 A. J. Boover et al.

Auditor's Office, Madison County,
 London, O, June 27th 1899.

To the non-resident Land Owners:

Notice is hereby given to non-resident lot and land
 owners affected by the improvements designated herein
 that a petition signed by A. J. Boover et al has been filed
 with the Auditor of said county, and is now pending before
 the Commissioners of said county, and is now pending
 before the Commissioners of said county, praying for the
 location, construction and straightening of a ditch on the
 route hereinafter set forth and will be for hearing at
 the beginning of said improvement on,

Wednesday, July 19th 1899.
 at 10 o'clock A. M.

Said petition sets forth that the necessity for the im-
 provement 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.

That said ditch commences on the land of Harriett
 Boover, deceased, in a pond on the south side of
 the London and Springfield pike and near the
 north west corner of said Boover; Thence through
 the land of said Boover, John Troud, said Boover, said
 Troud, said Boover, crossing the C. C. & St. L. Railroad;
 Thence through the lands of said Boover, D. T. Gerrard,

said Coover, said Gerrard, crossing the said railroad; thence through the lands of said Gerrard to what is known as The John Looney County Ditch, and there terminating. Said terminus being near the north west corner of Richard Peards 103 acre tract of land. Said ditch running in a general southerly and easterly direction - a distance in all of about 535 rods.

The petitioners ask that said ditch may be made a tile ditch to a point on the land of D. F. Herard, where the ditch described in this petition is intersected by a large open ditch, or farther if the Board of Commissioners deem it practical and that the ditch from said point to the terminus described herein may be deepened and widened or straightened where necessary, and made of sufficient depth and capacity, to give good outlet to all lands draining therein.

The petitioners ask that all necessary laterals be located and constructed.

At the above place and date the Commissioners will consider whether the route described is the best route and any and all objections to said proposed ditch improvement.

H. D. Wilson,

Auditor of Madison County.

Proof of Publication.

The State of Ohio, Madison County, ss:

G. E. Bryan, being duly sworn says he is the business manager of "The Madison County Democrat", a weekly newspaper printed and in general circulation in said county, and that a notice, of which the annexed is a copy, was published in said newspaper for at least two consecutive weeks prior to the 19th day of July, 1899.

G. E. Bryan.

Sworn to and subscribed before me this 10th day of July, 1899.

Geo. W. Clark.

Deputy Auditor.

Printer's Fee. \$5.⁰⁰

Commissioner's Office, Madison County,
London, Ohio, July 24th 1899.

Board of Commissioners met today in Regular Session.
Members present: James Withrow, Jas. B. Anderson and Chas. H. Martley
In the matter of the }
Ditch Imp. Petitioned } Meeting to View.
for by A. J. Coover et al. }

The Board having proceeded on the 19th day of July, 1899, to the place of beginning of said improvement, as prayed for in said petition and, having then and there heard proof of parties affected by said improvement, and others competent to testify in accordance with the former

orders of this board as to said matter, and having duly considered the matter do find and determine that said improvement is necessary, and will be a benefit to the lots and lands along the line thereof, by furnishing drainage thereto, and will be conducive to the public, health, convenience and welfare;

Main Ditch granted with the following changes: from the lower terminus described in said petition and following main ditch to a point on the land of John Troud, about 8 rods west of the line of said Troud and Harriett Boover, heirs, said point being about 40 rods, south of their corner in the London and Springfield pike; thence changing said route and termini as prayed for in said petition as follows:

Following the old open ditch in a general north westerly and westerly direction to the mouth of an 8 inch tile at the line of John Flanagan and Charles Rider; said ditch to be made a tile ditch from the mouth of said 8 inch tile, to a point on the land of D. F. Gerrard, about 12 rods south of the south line of said Boover, and an open ditch from said point to the lower terminus thereof;

The following tiled laterals were located by the Commissioners:
Lateral No. 1 - On land of Chas. Rider and beginning in S. line of Harrison Wilson near the north west corner of Charles Rider.

Lateral No. 2 - Beginning in south line of Harrison Wilson, thence through the land of D. Davis to main ditch.

Lateral no. 3 - Beginning on land of Jas. S. Porter at the end of 7 inch tile; thence easterly through Porter, Thos. Goodson, crossing road and through land of Troud to main Ditch.

Lateral No. 4 - Beginning on south side of London and Springfield pike near north west corner of Boover land; thence south through lands of Boover and Troud to main Ditch.

Lateral 1 of 4 - Beginning near said pike on land of John Troud; thence in a southerly direction to Lateral No. 4.

Lateral 5 - Beginning on north side of C. C. C. + St. L. Railroad, at end of 12 inch tile; thence easterly along said Railroad, through the land of John Flanagan and crossing dirt road through the land of Harriett Boover heirs to main Ditch.

Lateral 6 - Beginning on south side of said R. R. at end of 12 inch tile, easterly along said railroad and through the land of A. J. Boover, crossing dirt road through Harriett Boover heirs land to main ditch.

Lateral No. 7 - Beginning on land of Harriett Boover heirs, south through Boover land to said Railroad and along north side of said Railroad to main ditch.

It is therefore ordered that said improvement be granted and the same be known as "The Boover Ditch Improvement".

The board also find that due and legal notice has been given to each person or corporation benefited or

affected by said proposed ditch improvement. It is also ordered that all exceptions, both written and verbal, and the motion (filed by John Proud and David P. Herrard, by their Attorney, John Lincoln) to dismiss the petition be and the same are hereby overruled.

Order to Engineer.

It is therefore ordered that H. L. Mc. Cafferty, County Surveyor, go upon the line of said improvement and survey and level the same, and set a stake at every hundred feet numbered down stream, note the intersection of lines and boundaries of lands, township and county lines, land marks, bench marks, and road and rail way 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 ordered that said engineer make and return a schedule of all lots and lands, and public and corporate roads, municipal corporations and rail roads, that will be benefited by said improvement, and an apportionment of the cost of location and construction in money, 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 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 kind^{and} dimensions thereof, and all county and township lines, and railway crossings.

Said engineer is also ordered to make and file with his report an itemized bill of all costs made by him in the proper discharge of his duties under this order, and to file his report with the Auditor of said County in his office therein on or before 10 o'clock A. M. of the 16th day of Aug. 1899.

It is further ordered that the time and place last above mentioned is hereby fixed for the hearing of applications for damages arising from said proposed improvement, and of claims for compensation for land taken for the construction thereof, to which time and place the proceedings herein now stand adjourned.

Upon call of roll for the approval of the above matter relating to said petition and ditch all members voted "aye".

James Withrow
 Jas. B. Anderson
 Chas. S. Markley

} Commissioners
 of
 Madison County

London, Ohio, July, 1899.

To the Commissioners of Madison County, Ohio:

I hereby claim the sum of One Hundred and Fifty (\$150.00) Dollars, or such other sum as shall be just, as compensation for the land appropriated for the A. J. Coover et al., Ditch, petitioned for by A. J. Coover et al., to the Commissioners of said County, and for such damages as may result to me from said ditch or its construction.

Yours Respectfully,

John Troud.

Filed July 18th 1899.

London, Ohio, July 15th 1899.

To the Commissioners of Madison County, Ohio:

I hereby claim the sum of One Hundred and Fifty (\$150.00) Dollars, or such other sum as shall be just, as compensation for the land to be appropriated for the A. J. Coover et al. Ditch, petitioned for by A. J. Coover et al., to the Commissioners of said County, and for Three Hundred (\$300.00) Dollars, damages, which will result to me from said ditch and its construction.

Yours Respectfully,

David T. Gerrard.

Filed July 15th 1899.

Before the County Commissioners of Madison County, Ohio:

In the matter of }
The Ditch Imp. Peti- }
tioned for by A. J. Coover et al. }

Motion to dismiss petition

Now comes David T. Gerrard, and moves the Commissioners to dismiss the pretended petition filed herein, because said petition is not signed by one or more owners of lots or lands which would be drained or benefited by said ditch improvement as required by law.

David T. Gerrard, by

Lincoln and Lincoln, his Atty's.

Filed July 15th 1899.

Before the County Commissioners of Madison County, Ohio:

In the matter of the }
Ditch Imp. Petitioned }
for by A. J. Coover et al }

Motion to dismiss petition

Now comes John Troud and moves the Commissioners to dismiss the pretended petition filed herein, because said petition is not signed by one or more owners of lots or lands, which would be drained or benefited by said ditch improvement, as required by law.

John Troud, by

Lincoln + Lincoln, his Atty's.

Filed July 15th 1899.

Before the Commissioners of Madison County, Ohio:
 In the matter of the }
 Ditch Improvement Peti- } Exceptions,
 tioned for by A. J. Coover et al. }

Now comes David P. Gerrard and excepts to the report of the County Surveyor and the assessment therein made, for the reason that said assessment is excessive and not in proportion to the benefits to his lands as assessed on the lands of others benefited by said ditch improvement.

Said David P. Gerrard further excepts and objects to the granting of said ditch and the assessment of said amount so assessed, or any other sums against his lands under these proceedings and assigns as reasons therefor, first: That your honorable board has not jurisdiction to grant said ditch or levy said assessment, for the reason that the petition filed herein, and which these proceedings are based, was not signed or filed by one or more owners of lots or lands which would be drained or benefited by said ditch improvement as required by law; and the said David P. Gerrard says that he denies that the said A. J. Coover signed said petition or authorized any one to sign said petition for him and that he denies that the said E. E. Harvey is now or was at the time of filing said petition, the agent of the said A. J. Coover, and the said David P. Gerrard respectfully represents that E. E. Harvey was not authorized by said A. J. Coover, to act for him in this matter.

Filed August 21st 1899.

H. S. Wilson, Auditor.

David P. Gerrard, by
 Lincoln and Lincoln, his attys.

Commissioner's Office, Madison County,
 London, Ohio, August 16th 1899.

Couns. Journal
 Volume 6
 Page 525

Board met today in Special Session.
 Members present: James Withrow, Jas. B. Anderson + Chas. H. Markley

In the matter of }
 The Coover Ditch } Adjoined Hearing on Engineer's Report.
 Improvement. }

The Engineer heretofore appointed in this matter, having filed his report including the apportionment made by him of the costs of said improvement, and this being the day fixed for hearing said report and matter, the board, after proper examination, do find that due notice has been given for the length of time required by law, 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 the petition for said ditch improvement.

Said board also find that John Froud and David P. Gerrard (by their attorney, John Lincoln) have made application in writing, for compensation and damages, which

applications are ordered filed.

The further consideration of this matter is postponed till Monday, August 21st 1899, at 1.30 o'clock P.M. at the office of the Board in London, Ohio, and the Board will meet on the 21st day of August, 1899, at 9.30 o'clock, A.M. on the line of said proposed improvement, to view the premises of John Trowd and D. P. Gerrard, claimed as damaged.

Upon call of roll for the approval of the above matter relating to said ditch, all members voted "aye".

James Withrow }
 Jas. B. Anderson } Commissioners
 Chas. G. Markley. } of
 Madison County

Auditor's Office, Madison County, Ohio,
 Aug. 16th 1899.

In the matter of the }
 Ditch Improvement }
 Petition- }
 ed for by A. J. Boover et al. }

Engineer's Report.
 Filed, August 16th 1899, at 10 o'clock A.M.

To the Board of Commissioners of Madison County:

The undersigned in obedience to your order, has made a survey and level of the line of said proposed ditch, improvement and set a stake at every 100 ft. 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, road and railroad crossings and I herewith make a 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 lots and lands and public and corporate roads and railroads together with the name of the owners of such railroad and the lessees operating the same that will be benefited by the said improvement and an apportionment of the cost of location and construction in money to each lot and tract of land, road and railroad according to the benefits which will result to each, from said improvement and a specification of the manner in which the improvement shall be made and completed, and such other matters as I deem important and worthy of record.

The said survey, level, report, plat, profile and schedule are here unto 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.

H. L. Mc Cafferty,	Eng. + Deputies,	15 days @ \$4. ⁰⁰	=	\$60.00
Jesse Paine,	Rodman,	1 "	1. ²⁵	1.25
Tom Christie	Chainman,	2 "	1. ²⁵	2.50
Percy Roberts	"	2 "	1. ²⁵	2.50
Byers Adair,	Asman,	4 "	1. ²⁵	5.00
"	Hauling Stakes	2 "	1. ⁵⁰	3.00
	Total			\$74.25

H. L. Mc Cafferty, Engineer, Per Receipt.

Ditch Improvement Record,

Coover

Ditch.

Report of Engineer

Schedule "A"

Stake every 100 feet measured down stream	Surface Elevation	Grade Elevation	Total Fall from Station 0	Entire Ditch	Ditch	Course and Distance	Remarks
B.	165.30						Swamp. Ash Left.
0	164.51	160.45		4.06	0.85	S. 65° E. 139'	
1	164.03	159.85	.60	4.18	1.15		
+39	163.40					N. 59 1/4 E. 241'	
2	163.06	159.25	1.20	3.81	1.30		
3	162.36	158.65	1.80	3.71	1.45		
+80	162.71					N. 81 3/4 E. 276'	Distance through land Chas. Rider. 656'
4	162.80	158.05	2.40	4.75	1.65		
5	161.75	157.45	3.00	4.30	1.95		
6	161.23	156.85	3.60	4.38	2.25		
+56							Farm line
7	161.28	156.25	4.20	5.03	2.35	N. 73 1/2 E. 200'	
8	159.35	155.65	4.80	3.70	2.15		Distance through lands of Martha J. Williams
+56	158.57					S. 54 E. 421'	
+80	158.66						
9	158.95	155.05	5.40	3.90	2.15		
10	158.77	154.45	6.00	4.32	2.25		
1	158.05	153.60	6.85	4.43	2.40		
+72	157.31						Farm line and road.
2	156.44	152.75	7.70	3.69	2.25		
+77	155.83						
3	156.14	151.90	8.65	4.24	3.90	S. 30 1/2 E. 83'	Distance through land of Melissa Bell.
+60	155.60					S. 80 1/2 E. 190'	11.28'
4	155.15	151.05	9.50	4.10	3.90		
B	159.58						Locust Left.
5	154.51	149.55	11.00	4.96	4.65		
+50	153.95						
6	153.01	148.05	12.50	4.96	2.30		
7	151.81	146.55	14.00	5.26	2.80		
8	150.74	145.05	15.50	5.69	2.20		
9	149.29	143.55	17.00	5.74	2.55		
+37	148.15						
20	146.79	142.50	18.05	4.29	2.70	S. 99 1/4 E. 363'	
1	145.97	141.45	19.10	4.52	2.82		
2	146.08	140.40	20.15	5.68	2.35		
3	143.15	139.35	21.20	3.80	2.05	S. 61 E. 735'	Farm line
4	142.08	138.30	22.25	3.78	2.10		
5	141.23	137.20	23.25	4.03	2.40		Distance through lands of J. H. Porter 1152'
6	140.08	136.40	24.05	3.68	2.60		
7	139.54	135.60	24.85	3.94	2.70		
8	138.87	134.80	25.65	4.07	2.55		

Ditch Improvement Record,

Coover

Ditch.

Report of Engineer

Schedule "A"

Stake every 100 feet numbered along stream	Surface Elevation	Grade Elevation	Total fall from station	Entire Ditch	Out	Course and Distance	Remarks
29	137.63	134.00	26.45	3.63	2.53		Cottonwood L.
B	137.73						
30	137.01	133.20	27.25	3.81	2.70		
+35	136.78				new	S. 7 1/2 E. 865'	
1	136.70	132.40	28.05	4.30	"		
2	135.48	131.60	28.85	3.88	"		
3	135.10	130.80	29.65	4.30	"		
4	134.47	130.00	30.45	4.47	"		
+52	134.31				"		
5	133.36	129.20 -65	31.25	4.16	"		
6	132.74	128.55	31.90	4.19	"		
7	132.02	127.90	32.55	4.12	3.12		
8	132.57	127.25	33.20	5.32	3.00		
9	130.80	126.60	33.85	4.20	2.87	S. 88 E. 255'	
40	130.74	125.95	34.50	4.79	new		
1	129.56	125.30	35.15	4.26	"		
+55	128.80				"	S. 36 1/2 E. 115'	
2	127.46	124.65	35.80	2.81	"		
+70	128.34				"	S. 3 3/4 130'	
3	127.42	124.00	36.45	3.42	"		
4	127.22	123.35	37.10	3.87	2.00	S. 8 3/4 W. 157'	
+15	130.04						
5	127.72	122.70	37.75	5.02	2.14		
+57	127.79					S. 32 E. 640'	
6	127.29	122.05 -20	38.40	5.24	2.35		
7	126.59	121.85	38.60	4.74	2.59		
8	126.69	121.65	38.80	5.04	2.64		
9	126.51	121.45	39.00	5.06	2.64		
50	126.44	121.25	39.20	5.19	2.64		
1	126.04	121.05	39.40	4.99	2.80		
2	126.16	120.85	39.60	5.31	2.95	S. 1 1/2 E. 428'	
+60	125.69						
3	125.74	120.65	39.80	5.09	2.80		
4	125.28	120.45	40.00	4.83	2.63		
B	127.45						
5	125.51	120.25	40.20	5.26	2.70		
6	123.83	120.05	40.40	3.78	2.80	S. 65 E. 180'	
+32	124.51						
7	124.54	119.85	40.60	4.69	2.85		
8	123.84	119.65	40.80	4.19	2.85	S. 79 1/2 E. 152'	

Farm line

Distance through lands of Amelia Froud. 3080'

Center Springfield road

Burr Oak L.

Ditch Improvement Record,

Coover

Ditch.

Report of Engineer

Schedule "A"

Stake every 100 feet numbered down stream	Surface Elevation	Grade Elevation	Total fall from station	Entire Depth	Ditch	Course and Distance	Remarks	
59	124.01	119.45	41.00	4.56	2.95	S. 64 E. 100		
60	123.58	119.25	41.20	4.33	2.97	S. 8 1/2 E. 200		
+57	122.51							
+79	124.12							
1	123.90	119.03	41.42	4.87				
2	123.76	118.81	41.64	4.95				
+65	122.95					S. 25 1/2 E. 50		
3	124.22	118.59	41.86	5.63		S. 33 E. 250		
4	122.12	118.37	42.08	3.75				
5	121.95	118.15	42.30	3.80				
+37	122.17						Farm line	
6	122.87	117.93	42.52	4.94	New	S. 16 E. 100		
+50	122.51					South 100	Dist. through lands of Harriett Coover 346	
7	122.55	117.27	43.18	5.28	"	S. 16 1/2 W. 50		
+50	122.64					S. 48 W. 482		
8	122.37	116.60	43.85	5.77	"			
9	120.82	115.94	44.51	4.88	2.90		Farm line	
70	121.77	115.67	44.78	6.10	2.88			
1	121.28	115.40	45.05	5.88			Dist. through lands of Amelia Proud 769	
2	121.30	115.13	45.32	6.17	3.32			
3	120.91	114.86	45.59	6.05	3.50	S. 6 E. 1568'		
4	120.47	114.59	45.86	5.88				
5	120.18	114.32	46.13	5.86				
6	119.60	114.05	46.40	5.55	3.70			
+30	119.72						Farm line	
7	119.90	113.78	46.67	6.12				
8	119.52	113.51	46.94	6.01	3.80		Dist. through lands of Harriett Coover Steins 1107'	
+35	119.50							
9	118.65	113.24	47.21	5.43				
80	119.00	112.97	47.48	6.03	3.60		Line of Coover + R.R.	
+58								
1	115.65	112.70	47.75	2.95	2.90		Dist. on R.R. 100'	
B. 249 track	118.25	11	S. E. Cor. R.R. Abut. lower course.					
+58	126.47						Line R.R. and Coover	
2	118.58	112.55	47.90	6.03	4.00			
3	117.82	112.40	48.05	5.42				
4	119.08	112.25	48.20	6.83	3.30			
5	118.15	112.10	48.35	6.05	3.50			
6	118.65	111.95	48.50	6.70	3.60			
7	118.89	111.80	48.65	7.09	3.70			

Ditch Improvement Record,

Coover

Ditch.

Report of Engineer

Schedule "A"

Stake every 100 feet numbered down stream	Surface Elevation	Grade Elevation	Total fall from station 0	Entire Depth	Depth	Width on top	Width on bottom	Course and Distance	Remarks
88	117.68	111.65	48.80	6.03	3.60			S. 19 E. 100'	
+33	116.18		48.95					S. 46 1/2 222'	
9	117.87	111.50	48.95	6.37	3.95				
90	118.07	111.35	49.10	6.72					
		111.32	6.30	6.30					
+11	117.62	110.88	49.57	6.74	4.13	3.00	2.3.4	S. 89 E. 438'	
1	117.00	110.75	49.70	6.75	4.25		23.3	1.93	
+62	117.07	110.66	49.79	6.41	-				
2	117.05	110.60	49.85	6.45		3.81	22.7	1.98	
3	117.17	110.45	50.00	6.72		3.12	23.4	1.94	
4	116.74	110.30	50.15	6.44		3.65	22.5	2.09	
5	116.62	110.14	50.30	6.48		3.08	22.5	1.94	Distance through lands of D. P. Gerrard 1329'
6	115.71	109.98	50.45	5.73		3.50	20.2	1.71	S. 57 1/2 E. 185
7	117.38	109.83	50.60	7.55		3.05	25.6	2.05	
+84	115.30								N. 46 E. 305
8	117.04	109.68	50.77	7.36		1.80	25.1	1.81	
9	116.34	109.53	50.92	6.81		2.00	23.4	1.38	
100	116.01	109.38	51.07	6.63		2.00	23.	1.52	
1	115.77	109.23	51.22	6.54		2.20	22.6	1.30	N. 43 1/2 E. 280
+78	115.77								Line of Gerrard + Coover
2	115.38	109.08	51.37	6.30		2.04	21.9	1.23	Dist. through lands of Harriett Coover 150'
3	114.45	108.93	51.52	5.52		2.00	19.5	1.12	Line of Coover + Gerrard.
+37	114.54								
+87	114.90								N. 57 1/2 E. 1270
4	114.74	108.78	51.67	5.96		2.24	21.0	1.09	
5	115.19	108.63	51.82	6.56		2.24	22.7	1.12	
6	114.72	108.48	51.97	6.24		2.39	21.7	1.23	Distance through lands of D. P. Gerrard 2224'
7	114.52	108.33	52.12	6.19		2.24	21.6	1.14	
8	114.73	108.18	52.27	6.55		2.29	22.7	1.30	
9	114.37	108.03	52.42	6.34	2.74		21.0	1.51	
110	114.21	107.88	52.67	5.31	2.79		21.	1.60	
+71	113.34								Line of Gerrard + R. R.
1	112.47	107.73	52.72	5.01	2.64		17.2	1.28	Distance through R. R. 155'
Top of track	117.29								
B.M.	111.91						Bottom	20.	
+93	112.78								
2	112.18	107.58	52.88	4.60	2.15	17.4	17.4	52	
+27	113.33				1.80		20.7	102	Line of R. R. + Gerrard
3	113.33	107.43	53.03	5.90	1.80		20.7	102	
4	112.71	107.28	53.17	5.43	1.43		19.3	100	
5	112.91	107.13	53.32	5.78	2.00		20.3	111.	

Ditch Improvement Record,

Boover

Ditch.

Report of Engineer

Schedule "A"

Stake every 100 feet numbered down station	Surface Elevation	Grade Elevation	Total Fall from station 0	Entire Depth	Out	Width on Bottom	Width on Top	Cubic Yards	Course and Distance	Remarks	
116	111.83	106.98	53.47	4.85	2.23	3.00	17.5	105			
7	112.91	106.83	53.62	6.08	2.10		21.3	115	N. 61 1/2 E. 461'		
8	112.41	106.68	53.77	5.73	1.75		20.2	132			
9	112.38	106.53	53.92	5.85	2.35		20.5	127		Land of D. P. Gerrard.	
120	112.57	106.38	54.07	6.19	2.15		21.6	138			
1	112.09	106.23	54.22	5.86			20.6	130	N. 52 E. 313'		
2	111.95	106.08	54.37	5.87	1.40		20.6	123			
3	111.67	105.93	54.52	5.74	1.50		20.2	101			
4	109.76	105.78	54.67	4.98	1.65		18.	61			
5	111.40	105.63	54.82	5.87	1.70		20.6	74	S. 51 1/4 E. 290'		
6	111.17	105.48	54.97	5.69	1.55		20.1	72			
127	110.10	105.33	55.12	4.77	1.60		17.3	68		on Looney Ditch	
B.M.	108.43	at Station 10 on Looney D. = 97.10									Burr oak Right.
		Same B.M. survey of Lat. 1 of Porter D. = 108.20									
		Difference of the assumed elevation for same point is 11.33.									
		Lateral No. 1 at Station 3 Left.									Swamp, Ark A. on main
B.M.	165.30									Begin in line of H. Wilson and C. Rider.	
0	164.85	160.30		4.55					S. 34 E. 207'	all on land of C. Rider.	
1	163.48	159.70	60	3.78							
2	162.06	159.10	1.20	2.96							
+07	161.81								S. 63 E. 98'		
3	162.16	158.90	1.40	3.26							
+05	162.36	158.85	1.45							at Sta. 3 on main	
		Lateral No. 2 at Sta. 8+80 Left.									Begin on line of H. Wilson and Martha J. Williams
0	159.45	155.60		4.15					S. 28 N. 33'	all on land of said Davis.	
+33	159.71	155.50	.10	4.21					S. 20 30' N. 49'		
+82	158.66	155.35	.25	3.31							
		Lateral No. 3 at Sta. 56 main Right.									Begin on lands of J. S. Porter
0	132.77	128.75		4.02	3.52				N. 70 E. 80'	Dist. on said Porter 557	
+80	131.57			3.22	2.92				S. 89 E. 467'		
1	132.17	128.25	.50	3.92	2.90						
2	131.82	128.00	.75	3.82	2.80						
3	131.32	127.75	1.00	3.57	2.72						
4	130.92	127.50	1.25	3.42	2.75						
5	130.95	127.75	1.50	3.60	2.80						
+47	130.55	12							N. 77 E. 152'	Line of Porter + Goodson	
+57										Dist. on lands said Goodson 413	
6	130.30	127.00	1.75	3.30							
7	129.81	126.75	2.00	3.08					S. 88 1/2 E. 212'		
8	130.31	126.50	2.25	3.81	1.57						
B.M.	130.24									Burr Oak R.	
9	129.45	125.80	2.95	3.65	1.70						

Ditch Improvement Record,

Boover

Ditch.

Report of Engineer

Schedule "A."

Stake every 100 feet marked down stream	Surface Elevation	Grader Elevation	Total fall from station 0	Entire Depth	Out	Course and Distance	Remarks
+12	129.34					N. 79 1/4 E. 263	9+70 enter County Road
10	128.71	125.10	3.65	3.61	2.00		
1	128.03	124.40	4.35	3.64	2.17		Dist. on lands of
+75	127.33				2.10	S. 63 1/2 E. 220	Amelia Froud heirs 793'
2	127.24	123.70	5.05	3.51	2.20		
3	126.51	123.	5.75	3.54	2.00		
4	125.79	122.30	6.45	3.49	2.60	N. 82 1/2 E. 224	
5	126.02	121.60 - 50	7.15	4.42	2.94		
+61	124.85					N. 48 E. 135	
6	124.66	121.10		3.56	3.00		
7	124.59	120.60		4.00	3.00	N. 74 E. 65	
+65	123.83	120.25		3.58	3.00		
Lateral No. 4 at Sta. 60+57 Left.							
B.M.	128.98						Burr Oak 200' R.
0	126.05	122.60 - 15		3.45		S. 5 W. 315' S. 5 W. 315'	Begin on land of
1	125.45	122.45	.15	3.00			Harriett Boover heirs.
2	125.55	122.30	.30	3.25			Dist. on land of said
3	125.55	122.15	.45	3.40			Boover 480'
+15	125.62					S. 16 1/4 W. 185' S. 16 1/4 W. 485'	
4	125.59	122.00	.60	3.59			4+80 line boover + Froud
5	125.82	121.85	.75	3.97			
6	125.58	121.70	.90	3.88	3.70		Dist. on land of Jane
7	126.37	121.55	1.05	4.82	3.75		Froud 596'
8	126.87	121.40 - 50	1.20	5.47	4.00	S. 36 1/2 W. 183' S. 36 1/2 W. 183'	
9	124.81	121.25 - 80	1.35	3.26			
+83	124.05	120.60				S. 15 W. 93' S. 15 W. 93'	
10	123.74	120.45	2.15	3.29			
+76	122.51	119.85	2.85	2.66			
Lateral No. 1 of 4 at Sta. 60 Right.							
B.M.	128.98						Burr O. 100' R.
0	125.85	122.78 - 15		3.07		S. 8-15 E. 300' S. 8-15 E. 300'	
1	125.65	122.63	.15	3.02			All on land of
2	126.18	122.48	.30	3.70			Jno. Froud.
3	125.63	122.33	.45	3.30		S. 6 W. 200'	
4	125.49	122.18	.60	3.31			
5	125.55	122.03	.75	3.52		S. 4-30 E. 105'	
6	125.58	121.87	.90	3.70			
+5	125.58	121.80	.98	3.78			

Ditch Improvement Record,

Coover

Ditch.

Report of Engineer

Schedule A

Stake every 100 feet marked down stream	Surface Elevation	Grade Elevation	Total fall from station 0	Entire Ditch	Out	Course and Distance	Remarks
						Lateral No. 5 North Side	
0	126.55	123.00 -100	3.55	1.20		S. 84 E. 462'	Big 4 R.R. at 78+35 R. Beginning on N. side of Big 4 R.R. at the end of a 12" tile and on the Right of Way.
1	125.36	122.00	1.00	3.36	2.60		
2	125.00	121.00	2.00	4.60	2.10		
3	123.00	120.00	3.00	3.00	2.37		
4	123.10	119.00	4.00	4.10	3.00		
+62	122.80					N. 76 E. 668	Distance on said Right of Way 550'
5	121.64	118.00	5.00	3.64	3.00		
6	120.00	117.00 -35	6.00	New	3.00		
7	120.65	116.65	6.35		4.00		
8	119.52	116.30	6.70		3.22		Distance on land of Jno. Flanagan 580'
9	119.45	115.95	7.05		3.50		
10	119.62	115.60	7.40		4.00		
11	118.75	115.25	7.75		3.50		
+30	118.89					S. 87 E. 209'	Center of road and line of Jno. Flanagan and Harriett Coover skins Distance on Coover 209' S. E. Wing, Wall R.R. culvert first course above ground.
2	118.15	114.90	8.00		3.25		
3	118.20	114.55	8.45		3.65		
+39	119.58	114.45	8.60		5.13		
B.M.	118.25						
						Lateral No. 6 South Side	
0	127.13	123.50 -111	3.83	1.00		S. 82° 30 E. 900'	Big 4 R.R. at sta 82+8 Main R. Begin at end of 12" tile on Big 4 Right of Way. So. Side.
1	125.83	122.37	1.13	3.46	1.63		
2	125.57	121.26	2.24	4.31	2.14		
3	124.51	120.15	3.25	4.36	2.65		
4	122.86	119.04	4.46	3.82	2.90		Dist. on R.R. Right of Way 1085'
5	122.23	117.93	5.57	4.30	3.60		
6	125.36	116.82	5.68	8.54	4.61		
7	119.70	115.71	7.79	3.99	New		
8	117.82	114.60 -10	8.90	3.22			
9	117.40	114.50	9.00	2.90		S. 73-30 E. 467	
10	119.69	114.40	9.10	5.29			
+85	122.75	114.32		8.37			Cross Road and Right of Way at their intersection Dist. on land of Coover 287'
1	119.06	114.30	9.20	4.76			
2	118.48	114.20	9.30	4.28			
3	118.55	114.10	9.40	4.45			
+67	118.75	114.00	9.50	4.75			S. E. corner R.R. Br. first course masonry above ground.
B.M.	118.25						

Ditch Improvement Record,

Boover

Ditch.

Report of Engineer

Schedule "A"

Stationing 100 feet numbered down stream	Surface Elevation	Grade Elevation	Total fall from station	Entire Defalh	Cont	Course and Distance	Remarks.
Lateral No. 7 Sta.						111+93 Left.	
0	119.63	115.00 - .50			4.63	S. 32 E. 135'	Beginning on lands of Starriett Boover Heirs (R.R. at Station 1) crossing N. line of Big 4 R.R. 895'
1	118.63	114.50	.50		4.13		
+35	118.15					S. 82-30 E. 465'	
2	117.88	114.00 - .20	1.00		3.88		
3	118.05	113.80	1.20		4.25		
4	117.92	113.60	1.40		4.32		
5	118.03	113.40	1.60	4.69	3.12		
6	118.19	113.20	1.80	4.99	4.20	N. 83 E. 165	
7	118.18	113.00	2.00	5.18	3.37		
+65	117.70					N. 89 E. 230	
8	116.22	112.80 - 1.00	2.20	4.42	2.63		
9	114.04	111.80 - 1.80	3.20	2.24	2.24		
+95	112.76	110.00	5.00	2.76			First course above ground N. E. Wing R. R. Culvert
B. 21	111.91						

For Plat see Plat Record Page

Specifications.

The within ditch and laterals must be cut fully down to the grade line at all points, and must be made to conform to the gradients shown in this report and on the profile filed herewith.

The main Ditch is to be made a tile ditch from station 0 to station 90+11, and tiled with the following sizes:

- From station 0 to station 8+80 with 8" tile
 - " " 8+80 " " 41 " 10" "
 - " " 41 " " 56 " 12" "
 - " " 56 " " 78+35 " 15" "
 - " " 78+35 " " 90+11 " 20" "
 - " " 90+11 " " 127 an open ditch 3 feet wide in the bottom with banks sloped at an angle of 1 1/2 to 1
- The old tile must be left at its present grade from station 0 to station 90+11 as a storm water ditch.

Laterals.

- Laterals Nos. 1 and 2, are to be tiled with 5" tile.
- " No. 3 from station 0 to station 13, to be tiled with 7" tile, and from station 13 to station 17.65 with 8" tile.
- Lateral No. 4 - from station 0 to station 6 is to be tiled with 5" tile, and from station 6 to station 10.76 with 7" tile.
- Lateral No. 1 of 4 - is to be tiled with 5" tile.
- " " 5 - is to be tiled with 12" tile.
- " " 6 - is to be tiled with 12" tile.
- " " 7 - is to be tiled with 5" tile.

(over)

Open Ditch.

The open ditch shall be constructed to the depth, width and slope as specified in this report, and be made to hold the proper slope, and width from top to bottom, and cut fully down to the grade line at all points. All earth is to be moved back at least 20 feet from the top of the banks and spread as evenly as possible. No loose dirt or other material shall be left on the slope of the banks.

The contractor shall have a clear right of way, of 50 feet on either side of the ditch measuring from top of the banks and all fences (that are necessary to be moved) and grubbing shall be done by the land owners on whose premises they are found, and upon his failure to do so at the proper time will be cause for the engineer to order the same done at the land owners expense.

The engineer and the commissioners reserve the right to make any changes in these specifications at any time during the progress of the work if they should deem the same necessary and corresponding addition or reduction in the contract price will be made in accordance with the contract.

Tile

All tile shall be strictly first class drain tile or a good quality of second class sewer tile, cylindrical, well burned, and free from cracks and flaws.

The estimated cost of the tile includes the cost at the factory, the hauling and proper delivery within ten feet of the line of ditch, and 100 feet of tile upon each 100 feet of ditch. Also the necessary $\$$ for all side ditches and laterals.

Any failure to deliver the tile at the proper time and place, causing delay or damage to the contractor for construction on that part of the ditch will be cause for the engineer to allow to the contractor for construction his bill out of the tile contract.

Tile Ditches.

All tile ditches must be graded by the over head system and the stakes therefor, will be set by the engineer.

The tile must be carefully laid in the trenches and jointed to within $\frac{1}{4}$ of an inch, care being taken in turning curves to have the joints well patched. All bushes and shrubs within 10 feet of the center line of said ditch shall be grubbed by the land owner on whose premises they are found, and all trees and bushes within 20 feet of center line of said ditch shall be deadened by the contractor for the construction without extra compensation.

The estimated cost of construction or putting of said tile ditches, including the cutting of the trenches, the laying of the tile, the putting in place of all 'Is', the deadening of all trees, and the filling in of all earth removed in the cutting of the trenches, but not until the engineer has made examination of the tile,

At any time during the progress of the work that the engineer may deem it necessary that the work progress more rapidly, or if he finds the work is being done in a faulty and defective manner, he may notify the contractor at fault and if this notice is not complied with within three days, then the engineer may employ more force at the expense of the contractor, or he may declare the contract forfeited and have the right to enter into contract with any other suitable person for the completion of the work according to these specifications.

Estimates will be furnished on completed working sections only at the rate of 75% of the contract price until all the work under any one contract has been completed, when settlement will be made in full.

All of the above ditches, whether tiled or open are to be made straight from angle to angle.

This specification must be complied with.

H. L. Mc Cafferty, Engineer.

London, Ohio, Aug. 16th 1899.

per Rerick.

Estimates.

Main Ditch - Section 1

Station 0 to Station 25 =	151.51 rods exc. @ 40¢ =	\$60.60
	53.33 " 8" tile @ 75¢ =	40.00
	98.18 " 10" " @ 1.25 =	122.72
		\$223.32

Main Ditch - Section 2 -

Station 25 to Station 41 =	96.96 rods exc. @ 40¢ =	\$38.78
	96.96 " 10" tile @ 1.25 =	121.20
		\$159.98

Main Ditch - Section 3 -

Station 41 to Station 56 =	90.90 rods exc. @ 50¢ =	\$45.45
	90.90 " 12" tile @ 1.60 =	145.45
		\$190.90

Main Ditch - Section 4.

Station 56 to Station 78.35 =	74.85 rods exc. at 60¢ =	\$44.91
	74.85 " 15" tile @ 3.00 =	224.55
		\$269.46

Main Ditch - Section 5 -

Station 78.35 to Station 90.11 =	71.27 rods exc. @ 75¢ =	\$67.58
	71.27 " 20" tile @ 4.50 =	405.50
Stone Protection Wall 10 x 5 x 2 1/2		25.00
		\$498.08

Open Ditch

Main Ditch - Section 6.
 Station 90.11 to Station 113 = 3401 cu. yds. @ 17¢ = \$544.16

Main Ditch - Section 7.
 Station 113 to Station 127 = 1477 cu. yds. @ 14¢ = \$206.78

Laterals.

Section 8 - Lateral 1.
 Station 0 to Station 3.05 = 18.48 rods. exc. at 30¢ = \$5.54
 18.48 " 5" tile @ 35¢ = 6.47 \$12.01

Lateral No. 2 -
 Station 0 to Station 0+82 = 4.97 rods exc. @ 30¢ = \$1.49
 4.97 " 5" tile @ 35¢ = 1.74 \$3.23

Section 9, Lateral No. 3.
 Station 0 to Station 17.65 = 106.97 rods. exc. @ 40¢ = \$42.78
 78.78 " 7" tile @ 65¢ = 51.21
 28.19 " 8" " @ 75¢ = 21.14 \$115.13

Section 10 - Lateral 4.
 Station 0 to Station 1076 = 65.21 rods. exc. @ 40¢ = \$26.08
 36.12 " 5" tile @ 35¢ = 12.64
 29.09 " 7" " @ 65¢ = 17.91

Lateral 1 of 4.

Station 0 to Station 605 = 36.66 rds. exc. @ 40¢ = \$14.66
 36.66 " 5" tile @ 35¢ = 12.83 \$41.22

Section 11 - Lateral No. 5.
 Station 0 to Station 13.39 = 81.15 rods. exc. @ 40¢ = \$32.46
 81.15 " 12" tile @ 1.60 = 129.84 \$162.30

Section 12 - Lateral No. 6.
 Station 0 to Station 13.67 = 82.85 rods. exc. @ 50¢ = \$41.42
 82.85 " 12" tile @ 1.60 = 132.56 \$173.98

Section 13" = Lateral 7.
 Station 0 to Station 9.95 = 60.30 rods. exc. @ 40¢ = \$24.12
 60.30 " 5" tile " 35¢ = 21.10 \$45.22

Reafitulation.

Cost of Main Ditch	\$2092.68	
" " Lateral 1	= \$12.01	
" " " 2	= 3.23	
" " " 3	= 115.13	
" " " 4	= 156.63	
" " " 1 of 4	= 27.49	
" " " 5	= 162.30	
" " " 6	= 173.98	
" " " 7	= 45.22	
		\$2688.67

Cutting Tile Ditches	\$445.87	
" Open "	\$750.94	
Tile	\$1466.86	
Stone Wall	\$25.00	\$2688.67

Ditch Improvement Record,

Report of Engineer.

Coover

Ditch.

Schedule B.

Owners Name as Found or Duplicate.	Original Survey Number	Township.	Area Drained	Area Drained	Estimated Cost	% of Contributions	Estimated Cost	% of Location	Total Cost	Apportioned
					cts.	%	cts.	%	cts.	cts.
Flannagan John	7943	Union	25.96	25.96	45 00		1 30		46 30	
"	6384	"	9.39	9.39	15 00		45		15 45	
Rider Charles	7943	"	13.6	13.6	60 00		1 75		61 75	
Wilson Harrison	"	"	92.	10.	20 00		60		20 60	
Williams Martha J.	"	"	10.	10.	50 00		1 50		51 50	
Bell Melissa	"	"	25.37	25.37	100 00		2 90		102 90	
Lamon Missouri R.	6384	"	5.	5.	5 00		15		5 15	
Porter Jas. S.	7943	"	43.15	130.	270 00		8 00		278 00	
Durflinger S. W.	6384	"	273.99	273	90 00		2 65		92 65	
Goodson Thos. L.	"	"	15.	15.	30 00		90		30 90	
Troud Amelia J. Heirs	"	"	122.86	110.	392 00		11 70		404 38	
Coover Harriett	"	"	105.44	105.	380 00		11 40		391 40	
Nicholson A. and J.	9278	"	503.34	300.	100 00		2 95		102 95	
Wilson Washington	6384	"	119.89	119.	30 00		95		30 95	
Coover A. J.	"	"	63.77	63.77	70 00		2 05		72 05	
Gerrard D. P.	"	"			340 00		10 00		350 00	
Madison Co. Easement		"			50 00		1 45		51 45	
C. C. Co. + St. L. R. R. Co.		"			45 00		1 30		46 30	
Lateral No. 1										
Rider Charles					8 01		22		8 23	
Wilson Harrison					4 00		10		4 10	
Lateral No. 2.										
Williams Martha J.					1 50		04		1 54	
Wilson Harrison					1 73		05		1 78	
Lateral No. 3.										
Lamon Missouri					2 00		05		2 05	
Porter Jas. S.					40 00		1 10		41 10	
Goodson P. L.					31 12		80		31 92	
Madison Co.					5 00		14		5 14	
Troud Amelia A. Heirs					37 00		1 00		38 00	
Lateral No. 4.										
Coover Harriett Heirs					36 00		1 00		37 00	
Troud Amelia Heirs					20 63		57		21 20	
Lateral No. 1 of 4										
Troud Amelia Heirs					27 49		66		28 15	
Lateral No. 5.										
C. C. Co. + St. L. R. R. Co.					72 30		2 10		74 40	
Flannagan John					25 00		70		25 70	
Coover Harriett Heirs					5 00		15		5 15	
J. S. Porter					25 00		70		25 70	
S. W. Durflinger					30 00		85		30 85	
Madison County					5 00		15		5 15	

Ditch Improvement Record,

Report of Engineer

Coover

Schedule "B" Ditch.

Owner's Name as Found on Duplicate	Original Survey Number	Lateral No.	Estimated Cost of Construction		Estimated Cost of Operations		Total Cost		Appropriated
			\$	cts.	\$	cts.	\$	cts.	
Durflinger S. M. Coover A. J. C. C. C. + St. L. R.R. Co. Madison County Coover Harriett Hines Wilson Washington		Lateral No. 6.	25	00	1	00	36	00	
			35	00	1	00	36	00	
			85	00	2	50	87	50	
			5	00		15	5	15	
			5	00		15	5	15	
			8	98		27	9	25	
Coover Harriett Hines C. C. C. + St. L. R.R. Co.		Lateral No. 7.	14	22		32	14	54	
			31	00		48	31	48	

Commissioner's Office, Madison County,
London, Ohio August 21st 1899.

Board of Commissioners met today in Regular Session.
Members present: James Withrow, Jas. B. Anderson and Chas. G. Markley.
In the matter of the }
A. J. Coover Ditch } Hearing on Engineer's Report.
Improvement.

Couns. Journal
Volume 6
Page 526.

This being the day to which the above styled matter was adjourned, the board resumed the further consideration of said matter, and having heard the evidence and examined said report and apportionment of the Engineer and the claims, exceptions and premise of John Troud and David P. Gerrard (claimed as damaged) do find that said report and apportionment are in all respects fair and just, according to the benefits derived from the said improvement, by the owner of each tract of land, and by municipal and private corporations and rail road companies.

It is therefore ordered that said report and apportionment be and the same are hereby approved and confirmed.

It is also ordered that all exceptions, both written and verbal, to said report and apportionment be overruled.

And the Board having considered the written applications of John Troud and David P. Gerrard as to compensation and damages on account of said improvement, and having examined the evidence relating thereto, do, upon actual view of their respective premises, compute and allow to them compensation for land appropriated and damage that will accrue from the construction of said improvement, as follows:

- D. P. Gerrard, compensation for land taken, \$ 25.00
- " " damages to pasture land, \$ 16.00
- John Troud, compensation for land taken, \$ 10.00
- " " damages to growing crops, \$ 5.00

The County Auditor is directed to issue and order on

the county treasurer to each of the above named land owners, for the amount of compensation and damages so allowed them. Upon motion for the approval of the findings and orders relating to said ditch improvement, the roll being called, all members voted "Aye".

Now comes David P. Gerrard, by his Attorneys Lincoln and Lincoln, and files notice of appeal as follows:

Notice of Appeal.

London, Ohio August 21st 1899.

To The County Commissioners of Madison County, Ohio:

You are hereby notified that I intend to appeal to the Probate Court of said county, from your decision rendered on the 21st day of August, A. D. 1899, in the matter of the ditch improvement petitioned for by A. J. Boover and others, that said ditch will be conducive to the public health, convenience and welfare; that the route thereof is practical; allowing me only Twenty Five Dollars (\$25.⁰⁰) as compensation for land appropriated and for damages to my property caused by said ditch. David P. Gerrard by Lincoln & Lincoln his attys

The Board of Commissioners fix the amount of said Appeal Bond at Four Hundred Dollars. (\$400.⁰⁰)

In the matter of }
Ditch Petitioned for } Notice of Appeal.
by A. J. Boover et al. }

London Ohio, Aug. 21st 1899.

To the County Commissioners of Madison County, Ohio:

You are hereby notified that I intend to appeal to the Probate Court of said County from your decision rendered on the 21st day of August, A. D. 1898, in the matter of the ditch petitioned for by A. J. Boover and others; that said ditch will be conducive to the public health, convenience and welfare; that the route thereof is practicable; allowing me only Twenty Five (\$25.⁰⁰) Dollars as compensation for land appropriated; and for damages to my property caused by said ditch.

David P. Gerrard,

(Filed Aug. 21st 1899 at 3.50 o'clock P.M.) By Lincoln and Lincoln his Atty's.

In the matter of the }
Ditch Imp. Petitioned } Appeal Bond of D. P. Gerrard.
for by A. J. Boover et al. }

Filed Aug. 28th 1899. H. D. Wilson, Auditor.

Now all Men by These Presents, That we, David P. Gerrard and A. L. Bateman and Xerxes Farrar are held and firmly bound unto the State of Ohio, for the use of Madison County, in the sum of Four Hundred Dollars, to the payment of which sum, well and truly to be made, we do hereby jointly and severally bind ourselves, our heirs, executors and administrators. Signed by us and dated this 26th day of

August, A. D. 1899.

The condition of the above obligation is such, that whereas, the above bounden David P. Gerrard, has appealed to the Probate Court of said County, from the decision of the Commissioners of said Madison County, rendered on the 26th day of August, A. D. 1899, that said ditch will be conducive to the public health, convenience and welfare; that the route thereof is practicable; allowing me only Twenty Five Dollars (\$25.⁰⁰) for compensation for land appropriated; and for damages to the premises of the said David P. Gerrard, caused by said ditch. Then this obligation to be void, otherwise to remain in full force and virtue in law.

Stamp 50¢

David P. Gerrard.
A. L. Bateman
Xerxes Farrar.

Probate Court, Madison County, Ohio,
October 2nd 1899.

Journal of
Probate Court
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David P. Gerrard
vs.
County Commissioners et al.

This day this cause came on to be heard on the motion for the defendants for a new trial and the arguments, of counsel, on consideration whereof the court finds that said motion is not well taken and doth over-rule the same, and said verdict is approved and confirmed.

It is therefore considered and adjudged that said ditch is not conducive to the public health, convenience or welfare; and that those proceedings be and the same are hereby dismissed. And it is considered that the plaintiff recover for the defendants his costs herein expended, taxed at \$

To which finding and order said defendants excepted.

J. L. Hauer,

Probate Judge.

B. A. Taylor, County Auditor.

Recorded December 9th 1899.