

Madison County Ditch Improvement Record.  
The Miller Joint Ditch Improvement

Record of proceedings in the matter of the  
Ditch Improvement Petitioned for by John B. Miller  
and located in Pike Township, Madison County,  
Ohio and      Township, Champaign County, Ohio  
Ditch Petition,

Ditch  
Petition,

Madison, Ohio, June 5<sup>th</sup> 1904. Petition for a County Ditch.  
To the Honorable Board of Commissioners of Cham-  
paign and Madison Counties, Ohio: The undersigned  
owners of lots and lands which will be drained or ben-  
efited by the improvement herein prayed for, hereby  
make application to your honorable body, and now  
file with the Auditors of said Counties, this, their  
petition, and now and hereby pray for the location and  
construction of a ditch on the route hereinafter  
set forth. The necessity for and the benefits of the im-  
provement so prayed for are that it will drain and  
reclaim the lands along the line thereof and ad-  
jacent thereto, and will promote the public health,  
convenience and welfare. The following is the begin-  
ning route and termini of said proposed improve-  
ment, to wit: Commencing on the lands of Lewis Lyons  
in Military Survey No. 5867, Champaign County; thence  
in an easterly direction from said lands and onto the line  
between the lands of Jonathan Weer and the George  
Morse Estate to a county road; thence in an easter-  
ly direction through the lands of Jonathan Weer,  
J. W. Evans and John B. Miller to the Big 4 R. R. about  
70 rods in Madison County. The names of all persons  
or corporations, either public or private, who in the  
opinion of the petitioner are in any way affected  
or benefited thereby, are as follows:  
John B. Miller, Jonathan Weer, John W. Evans, Lewis Lyons,  
George Morse's Heirs (Lucas D. Morse, Mgr., 1244 Fair Ave, Columbus, Ohio),  
Jacob Morse's Heirs, Richard Lowe's Heirs,  
John B. Miller, & Petitioner.

Petitioner's  
Bond.

Petitioner's Bond.  
Know all men by these Presents, That John B. Miller  
as principal, and R. B. Hopkins and C. L. Dunham 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 5<sup>th</sup> day of June, A. D. 1904.  
The condition of the above obligation is such, never-  
theless, that, whereas, on the 5<sup>th</sup> day of June, 1904, the  
above bounden John B. Miller made application to  
the Commissioners of Champaign and Madison  
Counties, and on said day filed with the Auditors  
of said Counties, his petition for the location

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and construction of the ditch hereinafter described in pursuance of the statute in such case made and provided. The following is the route and termini of said ditch, to-wit: Commencing on the lands of Lewis Lyons in Military Survey No. 5862, Champaign County; thence in an easterly direction from said lands and on the line between the lands of Jonathan Neer and the George Morse Estate to a county road; thence in an easterly direction through the lands of Jonathan Neer, J. W. Evans and John B. Miller to the Big. 4 R.R. about 70 rods in Madison County. Now if the above boun-der John B. Miller, shall pay all costs, if the prayer of said application be not granted, or if for any cause the same shall be dismissed, then this obligation shall be void.

John B. Miller.

The above bond and the sureties thereon, are approved by us  
this 4<sup>th</sup> day of June, 1904.

A. S. Hopkins

C. S. Burnham.

D. B. Grove, County Auditor.

Notice to

Commissioners

Notice to Commissioners of Petition Filed and time for Hearing. To the Honorable Board of Commissioners of Champaign County, Ohio: Gentlemen: You are hereby notified that a petition and bond for the location and construction of a joint county ditch has been filed in this office on the 5<sup>th</sup> day of June, 1904, a copy of petition thereof is attached below; and as required by law, have fixed the 5<sup>th</sup> day of July, 1904, at 10 o'clock, A.M. at the beginning of said proposed ditch described in said petition for your hearing of said matter and proceeding.

D. B. Grove, County Auditor.

Copy of Ditch Petition,

Urbana, Ohio,

June 5<sup>th</sup> 1904.

Petition for the location and construction of a joint County Ditch: To the honorable Board of Commissioners of Champaign<sup>nd</sup> Madison County, Ohio: Gentlemen: The undersigned freeholders and owners of lots and lands that will be benefited by the location and construction of a county ditch by these presents, which are herewith filed with the Auditor of said County, do pray your honorable body to institute the proper proceedings to locate and construct a ditch on the following route and termini: Beginning on the lands of Lewis Lyons in Military Survey No. 5862, Champaign County, thence in an easterly direction from said lands and onto the line between the lands of Jonathan

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Neer and the George Morse Estate; to a county road; thence in an easterly direction through the lands of Jonathan Neer, J. W. Evans, and John B. Miller to the Big 4 R.R. about 70 rods in Madison County. Your petitioner further represents that there existed a necessity for the location and construction of said improvement; that it will be conducive to the public health, convenience and welfare; that the route thereof is practicable and that lots lands along the line thereof will be drained and reclaimed and thereby benefited. Your petitioner therefore prays your honorable body to at once proceed under the direction of the laws of the State of Ohio, relating to county ditch improvements, and cause to be located and constructed, said improvement on or as near the above named route as is deemed by your honorable body to be the best and most feasible. In our estimation the following are the names of all persons and corporations, either public or private who will be affected or benefited thereby, to wit:

John B. Miller, J. W. Evans, Geo. Morse Estate  
Jonathan Neer, Lewis Lyons, Jacob Ware Estate  
Richard Lowe's Heirs, John B. Miller (Petitioner)

I hereby certify the foregoing to be a true copy of a ditch petition filed in my office on the 5<sup>th</sup> day of June, 1904.

J. B. Brown, Auditor.

Auditor's Office, Champaign County,  
Urbana, Ohio, June 8<sup>th</sup> 1904.

You are hereby notified that on the 5<sup>th</sup> day of June, 1904, a petition was filed with the Auditor of said County signed by John B. Miller, praying for the location and construction of a joint County Ditch on the following route and termini, to wit: Commencing on the lands of Lewis Lyons in Military Survey No. 5862 Champaign County, thence in an easterly direction from said lands and on to the line between the lands of Jonathan Neer and George Morse Estate; to County road; thence in an easterly direction through the lands of Jonathan Neer, J. W. Evans and John B. Miller to Big 4 R.R. about 70 rods in Madison County. - You are also notified that the joint Board of County Commissioners will meet at the head of said proposed improvement on the 5<sup>th</sup> day of July, 1904, at 10 o'clock, A. M. and hear any and all proof offered by any of the parties affected thereby and determine the necessity for said improvement and adjourn from time to time, and to such place as the necessity of the work may require, and in case said Board find for said improvement, they will fix a

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day for the hearing of applications for compensation for land taken or damages that may be sustained, and for the approval of the Engineer's report; and a failure to make such application to said Board in writing on or before said date so fixed by said Board will be a waiver thereto. S. B. Grove, Auditor of Champaign Co.

The Return and Proof of Service.

To the Auditor;

The Return and Proof of Service

In the matter of the County Ditch Improvement petitioned for by John B. Miller, Auditor's Office, Champaign County, Indiana, Ohio, June 11<sup>th</sup> 1904.

The State of Ohio, Champaign County, ss:

Personally appeared before me, S. B. Ware, a notary public in and for said County, John B. Miller, who, first being duly sworn, states that he did serve a copy of the foregoing notice in said ditch improvement upon the parties hereinafter named, at least fifteen days before the day set for hearing, by leaving a copy of said notice at the usual place of residence of those marked "R." and to those marked "P," by delivering a copy to them personally.

On whom served.

Name	Manner	When Served		
		Month	Day	Year
John B. Miller				
Jonathan Keer	P.	June	10	1904
John W. Evans	P.	June	10	1904
Lewis Lyons	P.	June	10	1904
George Warse Steis				
Jacob Ware Steis				
Richard Lowe Steis				
Marcia Warse } George Warse Steis	P.	June	11	1904
Lillie Van Ness }	P.	June	11	1904
J. J. Ware } Jacob Ware Steis	P.	June	11	1904
E. W. Burnham }	P.	June	11	1904
Perina Lowe }	P.	June	11	1904
Thomas W. Lowe }	P.	June	11	1904
Mattie Lowe } Richard Lowe Steis	P.	June	11	1904
Lewis Lowe }	P.	June	11	1904
Sherman Lowe }	P.	June	11	1904

Signed John B. Miller.

Sworn to and subscribed before me by John B. Miller, this eleventh day of June, 1904.

S. B. Ware, Notary Public.

Waiver of Notice

We, the undersigned, hereby acknowledge service of the notice in the matter of the county ditch improvement, petitioned for by John B. Miller, and waive all questions pertaining to the time and conditions of said service.

J. W. Evans, Lillie Van Ness, E. W. Burnham,  
Jonathan B. Keer, Marcia Warse, Perina Lowe,  
Lewis Lyons, J. J. Ware, Thomas W. Lowe.

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Adjourned  
View.

In the matter of the Miller Joint Co. Ditch } July 5" 1904.  
Pursuant to day fixed by the Auditor of Champaign County, the joint Board met at the head of the above ditch. Present, J. B. Haphersett, H. H. Esby, E. W. Hodge, Commissioners of Champaign County, and Roberts, Bradley and Markley, Commissioners of Madison County, and a number of interested parties. On motion Mr. Haphersett was elected President and E. W. Hodge Secretary. The question was raised as to whether certain parties were notified. On motion further hearing is hereby adjourned to July, 26" 1904, to meet at head of ditch. On roll call, all voting "Aye".  
Attest: J. B. Haphersett, President.  
E. W. Hodge, Secretary.

Adjourned hearing on Petition

In the matter of the Miller Joint Co. Ditch } July 26" 1904.  
Pursuant to adjournment of July 5" 1904, the joint board met at the head of the ditch. Present: Haphersett, Esby, Hodge, Roberts and Bradley. Minutes of July 5" read and approved. After hearing all testimony offered, the Board proceeded to view the line of the ditch. After viewing said ditch on motion of Hodge, seconded by Bradley, further proceedings is hereby adjourned to August 6" 1904, to meet at London, Ohio.  
On roll call all voting "Aye".  
E. W. Hodge, Secretary. J. B. Haphersett, President.

Application for Extension of Ditch.

London, Ohio, August 6" 1904.

We hereby make application to the joint Board of County Commissioners of Champaign and Madison Counties for the extension of a ditch petitioned for by J. B. Miller on June 5" 1904; from its terminus as described in the Petition at the Big Four Rail Road; thence crossing said railroad and on the boundary line between our lands to the Little Darby Creek.

H. S. Whittaker,  
J. B. Van Ness.

In the matter of the Miller Joint Co. Ditch } August 6" 1904.  
Joint Board met at the Court House, London, Ohio, as per adjournment of July 26" 1904. All members present. Minutes of previous meetings, read and approved. The Board received a written request from H. Whittaker and J. B. Van Ness for an extension of said ditch to Little Darby Creek. After considering the matter the Board found that the Big 4 R.R. would be a beneficiary by said extension, if granted, and upon motion of Bradley, seconded by Esby, it was decided to have the Auditor of Champaign County, notify the Big 4 R.R. also H. Whit-

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taker and J. S. Van Ness of said petition to extend. On motion, the Board adjourned to meet on the County Line between said counties on August 27<sup>th</sup> 1904, at 10 o'clock, A.M.  
Attest: E. W. Hodge, Secretary, J. B. Haffner, President.

Auditor's Office, Champaign County,  
Urbana, Ohio, August 9<sup>th</sup> 1904.

Additional notice to lot or land Owners.

To whom: You are hereby notified that on June 5<sup>th</sup> 1904, a petition was filed with the Auditor of said County, signed by John B. Miller, praying for the location and construction of a joint county ditch on the following route commencing on lands of Lewis Lyons in Military Survey No. 5862, Champaign County, thence in an easterly direction to line between lands of Jonathan Keer and George Moore Estate to County Road. Continuing easterly through the lands of Jonathan Keer, J. W. Evans, and John B. Miller to the Big + R.R. about 70 rods in Madison County. On July 8<sup>th</sup> 1904, the Commissioners of Champaign and Madison Counties met at the head of said ditch, and adjourned to July 26<sup>th</sup> 1904, on July 26<sup>th</sup> 1904, the joint Board met in adjourned session and adjourned to August 6<sup>th</sup> 1904. Pursuant to said adjournment, the joint board met August 6<sup>th</sup> 1904, when an application was presented asking for the extension to Little Darby Creek, of said ditch. You are also notified that the joint Board adjourned to meet on line of said ditch, on August 27<sup>th</sup> 1904, at 10 o'clock, A.M. and hear all testimony offered as to said extension, and determine the necessity of said improvement. D. B. Grove, Auditor of Champaign County.

The Return and Proof of Service.

The Return and Proof of Service.

To the Auditor: Auditor's Office, Champaign County,  
Urbana, Ohio, August, 23<sup>rd</sup> 1904.  
In the matter of the County Ditch Improvement Petitioned for by John B. Miller, Champaign County, S.S.

Personally appeared before me J. B. Ware, a notary public in and for said county John Miller, who first being duly sworn, states that he did serve a copy of the foregoing notice in said ditch improvement upon the parties hereinafter named, at least 15 days before the day set for hearing, by leaving a copy of said notice at the usual place of residence, of those marked "A", and to those marked "B", by delivering a copy to them personally.

On whom Served.	How Served.	When Served.
Big + R.R. Co.	Personally	August, 10 <sup>th</sup> 1904
H. Whittaker	Personally	August 10 <sup>th</sup> 1904
J. S. Van Ness	Personally	August 10 <sup>th</sup> 1904.
Sworn to and subscribed before me by John Miller this 23 <sup>rd</sup> day of August, 1904.		John B. Miller.
		J. B. Ware, Notary Public.

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We, the undersigned hereby acknowledge service of the notice in the matter of the County Ditch Improvement, petitioned for by Jno. B. Miller and waive all questions pertaining to the time and conditions of said service.  
J. D. Van Ness - H. B. Whittaker,

August 27<sup>th</sup> 1904.

Hearing on  
the Petition  
Petition  
Granted

In the matter of the Miller joint County Ditch Improvement }  
The joint Board of Commissioners of Madison and Champaign Counties met at the County Line of the above named ditch, pursuant to adjournment August 6<sup>th</sup> 1904. All members present: After reading the minutes of the previous meeting and hearing from the parties present, the Board proceeded to view the said ditch. After viewing the ditch it was moved by Esby of Champaign County and seconded by Markby of Madison County that the joint Board find for the improvement as petitioned for, except that the ditch be extended from the south side of the Big 4 R.R. to Little Darby, and an open ditch; the rest of the ditch, viz: from the south side of the Big 4 R.R. to the head of the ditch, to be a tile ditch of the size tile to be determined by the Engineer. Also a lateral beginning on the lands of the petitioner about 25 rods west of a point on the main ditch; said point being about 40 rods west of the County Line between Madison and Champaign Counties. On motion, W. S. Pratt is hereby appointed Engineer of said improvement and is to make his report of same, at Urbana, Ohio, September 28<sup>th</sup> 1904. On roll call, all voting "Aye".

Attest: E. W. Hodge, Secy. J. B. Haffersett, President.

Report of  
the Engineer

County Surveyor's Report. Approximate Estimate.  
In the matter of the County Auditor's Office, Champaign County,  
Ditch Improvement, Petitioned for by John B. Miller } Urbana, Ohio, September, 27<sup>th</sup> 1904.  
to the Honorable Board of Commissioners of Champaign and Madison County, Ohio:  
Gentlemen: I, the undersigned, County Surveyor, in obedience to your order, dated on the 27<sup>th</sup> day of August, 1904, in due time proceeded in said matter, and made a careful survey and level of the improvement sought to be made, and therewith make a return of the plat, profile and schedules necessary for a complete report of my doings, and have performed such other duties as are required by the Statutes in such cases made and provided. The said schedules, together with said plat and profiles, are hereto attached and referred to as a part of this my report. The following is an approximate estimate of the cost of location and construction of said ditch.

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Sec No. 1 - Open Ditch 75+68 to 88+30		
1111 cu. yds. ex. in. @ 0.15 per yd.		\$166.65 → \$166.65
Sec. No. 2 - Tile - Sta. 50 to Sta. 75+68.		
795 cu. yds. @ 17¢		\$134.13
17 " " " 50¢		\$ 8.50
68 ft. sewer tile		\$ 24.50
1000 ft. 12 in. drain tile @ 11¢		\$110.00
15 p.p. ft. 15 in. " " " 18¢		\$ 270.00
1 concrete wall,		\$ 12.00
1 - Sewer, "5" 15x10		\$ 2.00
		\$561.13
Sec. No. 3. Tile - Sta. 25 to Sta. 50.		
764 cu. yds @ 17¢		\$129.88
2500 feet 12 inch drain tile @ 11¢		\$275.00
		\$404.88
Section No. 4. Tile - Sta. 0 to Sta. 25		
769 cu. yds. @ 17¢.		\$130.75
1111 feet 8 in. drain tile @ 6¢		\$ 66.00
800 " 10 " " " " 8¢		\$ 64.00
600 " 12 " " " " 11¢		\$ 66.00
2 - rubble stone filters		\$ 8.00
		\$334.73
Sec. No. 5, Lateral No. 1		
58 cu. yds. at 17¢		\$ 9.86
387 feet 10 in. drain tile at 8¢		\$30.96
		\$40.82
	Total	\$1508.21

B. D. Pratt, Engineer.

Specifications

Report of Engineer.

Specifications.

Office of Engineer, September, 27<sup>th</sup> 1904.

For Miller Joint County Ditch Improvement, No. 273, located in Champaign and Madison Counties, Ohio:

Location.

Location.

1. Said ditch and laterals shall be constructed on the lines as surveyed by the engineer, and as described in his report. The center line of ditch shall be made on line as marked by center stakes, and at distances from the side stakes, in the various parts of the ditch as shown by the profile thereof, which said profile in its entirety is hereby made part of these specifications.
2. All angles shall be made at points as shown on profile in easy rounding curves, by shifting center line of ditch at curve inside of angle stake to a distance proportionate to angle.
3. No angles shall be made except at points designated by profile, and the ditch shall be made perfectly straight between angles.
4. All stations are 100 ft. in length, and at each station a center stake is driven in center line of ditch and a numbered side stake is also driven to the right or left on center stake at such convenient distances as the nature of the case requires. The distance and direction of each side stake is shown

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on the profile. Angle stakes are not numbered, except when falling at the end of a station.

5. No deviation from the line of the ditch as surveyed and staked shall be made by the contractor, unless authorized by these specifications, or on written order by the engineer.
6. A wooden plug is driven to level of ground surface at the foot of each side stake, and the depth from each side of said plug as at first driven, and as shown by the profile, will be the guide for contractors as to depth of ditch in completion.
7. All plugs, side stakes, bench marks, &c, shall be preserved, unremoved and kept uncovered by contractor while doing his work.
8. All plugs are liable to be raised up by frost, or displaced by other natural causes and the contractor is required to use due care to discover any such change of position and replace the plugs so moved, to their original depths, and in case of his inability to do so, he shall call the engineer's attention thereto.

#### Right of Way

#### Right of Way.

1. The width of right of way for constructing the ditch, shall be of various widths in the different portions of the ditch, as shown by the profile.
2. Valuable timber, fences, growing crops and other property within the right of way, shall be preserved uninjured, as far as possible, by the contractor.
3. Contractors have the privilege of using the full right of way for depositing material removed in construction, as hereinafter specified. The width of the right of way shall be 80 feet wide, 40 feet on each side of the center line of the ditch.

#### Grubbing and Clearing.

#### Grubbing and Clearing.

1. All timber, brush and other obstructions, which fall within the space required for ditch banks, shall be grubbed out and removed.
2. All timber 6 inches or less in diameter at the stump, and standing within 20 feet of ditch banks, shall be cut off level with ground surface.
3. All obstructions, such as logs, stumps, stones &c, shall be cleared away from the ditch banks on each side to a distance of 20 feet thereon.
4. All down timber, logs and brush lying within the right of way, or removed as above required, shall be piled up on the outside of embankment, or on the top thereof, and left in convenient shape for burning.

#### Excavation

#### Excavation.

1. The ditch shall be excavated to the depth in the bottom and of the width on top, and also in the bottom at each station respectively, as shown by the profile.
2. Ditch banks shall be cut to a regular straight slope, from

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top to bottom, and not steeper in any part than designated by profile.

3. The width of the ditch on top, as shown by the profile at each station, is computed from the height of the plug there at, and the widths so given are correct for that height only.

4. Contractors are required to make such subsequent calculations as to width of ditch on top as are necessary to give the side banks on each side a regular slope throughout as required by profile. An excess of slope on one bank will not be allowed to offset a shortage in slope of opposite bank.

5. Contractors are supposed to examine work and profile of same in regard to nature of work and profile of same in regard to nature of work, quantities, etc. as no allowance has been made that the same does not contain the quantities as given in engineer's estimate.

Embankment.

Embankment.

1. All materials obtained in excavation, shall be distributed over the right of way along the ditch on each side, in such a way as to fill and level up all depression or low places, and leave the surface as nearly level as practicable and in good condition for farming or other intended purposes.

2. Side slopes to embankments shall not be made steeper than that specified for the ditch at same place.

3. All earth or other materials obtained in excavations must be removed to a distance of not less than 6 ft. from edge of ditch bank on each side.

4. The old channel must be filled up level with embankment at all places where the said old channel lies wholly outside the new ditch and not exceeding 30 ft. therefrom.

6. No excavated materials shall be placed within the banks of old channel, except all cut offs as above described.

Curbing.

Curbing.

1. If deemed necessary by the engineer to use curbing in any part of the ditch, said curbing shall be made of good sound merchantable oak timber, or its equivalent, to be accepted by the engineer.

2. Curbing shall be constructed in such form and size as the engineer directs.

Tile Ditches.

Tile Ditches.

1. Tile ditches shall be constructed of drain tile, in number of lines, and of such dimensions, and at such places as designated by the profile.

2. All tile shall be good, sound, well shaped and hard burned drain tile. The capacity of tile shall not be less than the area of a circle whose diameter is equal to size of tile specified on profile.

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4. All tile shall be laid subject to the inspection and approval of the land owner on whose land they are placed, and also of the parties for whom they furnish an outlet.

5. The tile shall be placed in the ditch, and the earth firmly packed about the sides thereof, and remain exposed to view until examined and accepted by the engineer, after which they shall be covered up by replacing the excavated materials.

6. At the outlet there shall be constructed a cement wall laid up in Portland cement of the dimensions as shown by the drawing or profile.

Gradients

Gradients

The bottom of the ditch shall be cut smooth and true with uniform pitch or grade between changes as shown by profile.

Outlets

Outlets

1. Each contractor must provide a good and sufficient outlet for the water from the next section above, not less than        days previous to the time set for completing his contract.

2. Contractors will be required upon the completion of each section, to remove all silt or other obstructions which may have collected in the bottom of the ditch on the next section below, after the same was completed and accepted, to a distance of        feet below the upper end of said lower section.

Changes

Changes

The engineer shall have the right to increase or diminish the capacity of the ditch in any part or to change the slope of the ditch, or to change the grade line from that shown by the profile, if in his opinion such change is necessary, and in case of increase of labor by reason of such change, the contractor shall be paid for such extra work at the rate per cubic yard specified therefor in his contract, and in case of diminution of labor by reason of any such change a deduction shall be made from the contract price at the same rate as above specified.

Repairs

Repairs

Each contractor will be required to keep his work in good repair until the same is fully completed and accepted by the engineer. Also all work and materials are to be at the risk of the contractor until his contract is accepted by the engineer, as completed.

Estimates

Estimates

Estimates will be made as the work progresses, but proportionate estimates will not be made unless the whole job amounts to more than 1000 cubic yards (RS. 4477)

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Requirements

Requirements,

1. Each contractor will be required to furnish all labor and materials necessary, and to do all work falling within the limits of his contract as the same is set forth by these specifications and the accompanying profile.
2. No extra compensation will be allowed except for such work and materials as have been hereinbefore specially provided for.
3. Any contractor failing to complete his contract within the time hereinbefore specified, will thereby forfeit his contract, and also become liable for all damages or losses caused by reason of such failure. But the Commissioners may, for good cause, give further time to any contractor, not exceeding sixty days (Rev. Stat. 4478). An extension of time by Commissioners, as above set forth, shall be made in writing, and copies thereof shall be furnished by them to the contractor and engineer.

Supervision

Supervision,

1. All the foregoing work shall be done under the immediate supervision and direction of the engineer, and all work and materials shall be made to his satisfaction and acceptance, and to the satisfaction and acceptance of the Board of County Commissioners.
2. The engineer's decisions, directions and certificates on all matters pertaining to this work, to be final and conclusive, unless countermanded by a majority of the Board of County Commissioners. All measurements of quantities shall be made by the engineer and his measurements shall be final and conclusive as between the parties.
3. Final examinations for acceptance of completed contracts will be made within 5 days after the contractor shall have notified the engineer, in writing, that his contract is completed.
4. Any contractor causing examinations as above described, to be made before his work is finished, will be charged with the engineer's fees and all other costs accruing therefrom, and said fees and costs shall be deducted by the engineer from contract price on settlement.

B. D. Pratt, Engineer.

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Engineer's Report,  
 Main Ditch

Schedule of Details,  
 Pile Drains

Stations 100 feet apart	Courses from.	Elevations		Cut, feet	Cubic Yards.	Benchmarks, Farm Lines, R.R. Crossings, Intersections Etc.
		Bank Stakes	Grade Line			
0	N. 25° 00' E.	103.51	99.50	40		
1	N. 24° 30' E.	102.38	98.35	40	28.5	
2		101.35	97.20	41	24.9	
+15	N. 29° 00' E.					B.M. 10000 Spike in W. Side of W. Cherry. 20' S.E. of Sta. 3+50
3		99.87	96.03	38	20.8	
4		98.82	94.90	39	10.2	
5		97.94	93.75	42	21.1	
+65	N. 59° 30' E.					
6		97.45	92.60	58	35.2	
7		95.75	91.45	43	35.5	
8		93.84	90.30	35	28.9	
9		93.12	89.15	40	30.5	
+15	N. 54° 00' E.					
10		92.27	88.00	43	26.8	
* 11		91.49	87.34	42	26.8	
+57	N. 47° 00' E.					11+57 Prop't Line J.S. Neer + Lyons. S. 40° 16' E.
12		89.25	86.68	25	22.0	
13		90.04	86.02	40	19.1	
14		89.77	85.36	44	25.2	
15		88.61	84.70	39	27.7	
16		88.02	84.04	40	21.7	
+60	N. 27° 30' E.					Leaves G. Morse + J.S. Neer's lands at 16+60
17	N. 70° 00' E.	87.94	83.38	45	36.2	
18		88.10	82.72	54	41.8	
* 19		86.03	82.06	40	48.8	Center of Mechanicsburg + Irwin Pike, B.M. 88.64 W. End. of Stone Culvert N. Cor. 20' W. of Sta. 19+45.
+45		89.20		70		
20	N. 28° 00' E.	86.22	81.40	48	51.2	
+60	N. 52° 30' E.					
21		87.28	80.74	65	44.0	
22		87.11	80.18	70	33.3	
23		86.71	79.42	73	33.3	
24		85.01	78.76	63	31.7	
25		83.91	78.10	58	36.1	
+32	N. 52° 15' E.					25+35 Prop't Line J.S. Neer. + J.W. Evans. N. 28° 30' E.
26		82.61	77.44	52	33.3	
27		81.24	76.78	45	40.7	
28		81.07	76.12	59	44.8	
29		80.03	75.46	46	39.0	B.M. 81.44 Spike in root of Oak, 30' W. of Sta. 29.
30		79.53	74.80	47	33.7	
31		78.38	74.14	42	27.3	
+83	S. 73° 45' E.					
32		76.81	73.48	34	13.3	
33		76.80	72.82	40	27.5	
34		75.81	72.16	37	24.3	B.M. 76.96 Spike in root of Hick, 30' N.E. Sta. 34.
35		75.77	71.50	42	23.6	

Madison County Ditch Improvement Record.

The Miller Joint Ditch Improvement.

Engineer's Report,  
Main Ditch

Schedule of Details,  
Ditch Drains

Stations 100 feet apart	Courses From	Elevations		Cut		Cubic Yards.	Benchmarks, farm lines, R.R. Crossings, Intersections, etc.
		Bank Stakes	Grade Line	Feet	Ins.		
36		74.54	70.84	3	7	24.00	
37		74.37	70.18	4	2	29.2	
38		73.81	69.52	4	3	31.5	
+25	S. 39° 15' E						
39		73.54	68.86	4	7	33.3	
40		71.76	68.20	3	5	30.3	
41		72.43	67.59	4	8	30.6	
+25							
+72.3	S. 77° 00' E						
42		70.75	66.98	3	8	31.9	
43		70.30	66.37	4	4	28.0	B.M. 72.58 Spike in root of Walnut. 150' N. of Sta. 42
44		70.18	65.76	4	4	27.3	
45		70.03	65.15	4	9	28.5	
46		68.98	64.54	4	4	27.6	
47		68.32	63.93	4	4	30.1	
+90	S. 56° 45' E						
48		67.74	63.32	4	4	30.8	
49		68.01	62.71	5	3	30.5	
50		67.14	62.10	5	0	33.0	
51		65.99	61.49	4	5	31.3	J.W. Evans 51+08 Prop't. Line + N. 48 3/4° E. B.M. 69.49. J.B. Miller. Spike in root of Elm. 300' S.E. of Sta. 51+08.
+25	S. 42° 45' E						
52		65.19	60.88	4	3	31.3	
53		64.41	60.27	4	1	33.3	
54		63.77	59.66	4	1	33.6	
55		63.10	59.05	4	1	35.1	
56		63.12	58.44	4	7	33.3	
57		62.78	57.83	4	9	34.1	
58		61.32	57.22	4	1	37.3	
59	S. 65° 15' E	61.26	56.61	4	6	37.6	
* 60		60.50	56.00	4	5	37.0	
+72							60+72 = 3+87 of Lat. #1.
61		59.92	55.39	4	5	37.0	
62		58.47	54.78	3	7	30.1	
63	S. 56° 30' E	58.92	54.17	4	8	24.8	
64		58.54	53.56	5	0	28.5	
65		57.32	52.95	4	4	31.3	
+21	S. 33° 15' E						
66		57.66	52.34	5	2	48.4	66+44.5 Champaign + Madison Co. line. B.M. 57.83
67		57.31	51.73	5	6	39.9	Spike in root of Red Haw. 30' S.E. of Sta. 67
+51	S. 70° 00' E						
68		56.22	51.12	5	1	39.6	
+29	S. 75° 00' E						
69		55.47	50.51	5	0	27.8	
70		53.89	49.90	4	0	28.1	
71		53.45	49.29	4	2	24.8	

1568' 15" 51.2'

# Madison County Ditch Improvement Record.

*The Miller Joint Ditch Improvement.*

Engineer's Report.Schedule of Details

Main Ditch.Tile Drains.

Stations 100 feet apart.	Courses from.	Elevations.		Cut, Feet hhd.	Cubic Yards.	
		Bank Stakes	Crate line.			
72		52.90	48.68	4 2	19.9	
73		51.72	48.07	3 7	20.7	
74	S. 75° 30' E.	50.26	47.46	2 8	20.0	
75	S. 55° 00' E.					
75		50.58	46.85	3 7	24.0	
741	C. & R.R.	62.2				
768		49.4	{46.43 45.50	5 5	17.0	J.B. Miller 75+12 Prop't. Line Big 4 R.R. S. 35° 00' E. B.M. 52.89 West end of R.R. Culvert, N.W. Cor. 75+68 end of tile + beginning of open ditch. Big 4 R.R.
76	S. 54° 30' E.	50.97	45.40	5 5		75+92 Prop't. Line, N. Whittaker + J.S. Van Ness. B.M. 53.05 E. end of R.R. Culvert N.E. Cor.
77		49.67	45.00	4 7	188.7	
78		49.96	44.60	5 4	133.2	
79		48.13	44.20	4 0	96.2	
80		47.25	43.80	3 4	66.6	
81		46.96	43.40	3 6	66.6	
82		46.42	43.00	3 4	55.5	
83		46.09	42.60	3 5	50.0	
84		46.10	42.20	3 9	114.7	
85		45.27	41.80	3 5	122.1	
86		44.48	41.40	3 1	64.7	
87		46.67	41.00	2 7	77.7	
87+65	N. 74° 00' E.					87+65 Leaves N. Whittaker + J.S. Van Ness, line B.M. 44.97 spine in foot of thorn; 20' N. of Sta. 87.
88		43.76	40.60	3 2	85.1	
89		43.39	40.50	2 9	30.	Little Darby Creek.
Lateral No. 1.						
90	N. 71° 00' E.	60.48	57.50	3 0		
91		60.62	57.10	3 5	7.7	
91+50	N. 78° 00' E.					
92		60.10	56.70	3 4	17.9	
93		59.54	56.30	3 2	17.9	
93+87		60.58	56.00	4 6	13.7	3+87 = 60+72 of main ditch.

County Surveyor's Report.Schedule of Apportionment.

Owner's name	Per Auditor's	Description	Champaign County					
			Acres Owned	Acres Drained	Estimated Cost			
Duplicate					\$	cts.	\$	cts.
Big 4 R.R.		R. of W.			6	21	6	20
Evans J. W.	Survey	5480, 5304.	18	18	112	00	11	20
" " "	Survey	4804	123	51	260	00	26	00
Lyons Jewelllyn	Survey	5462	73	69	206	00	20	60
Morse D.	Survey	5462, 8462	33	29	107	00	10	70
" B. + M.	Survey	5480	69	69	112	00	11	20
Neer J. S.	Survey	5480	12	12	96	00	9	60
" " "	Survey	5304	14	14	58	00	5	80
Miller J. B.	Survey	6312	23	23	46	00	4	60
" " "	Survey	6312, 9842	83	78	271	00	27	10
Ware J. R.	Survey	5862	237	56	50	00	5	00

Madison County Ditch Improvement Record.

The Miller Joint Ditch Improvement.

County Surveyor's Report,			Schedule of Apportionment					
Madison County.								
Owners name per Auditor's Duplicate.	Survey.	Description	Acres	Acres	Estimated Costs.			
			Owned	Drained	Construction	Location		
					\$	cts.	\$	cts.
Big 4 R.R.		R. of W.			20	00	2	00
Miller J. B.	Survey	7142, 4942	29.	24.	89	00	8	90
Diven Sarah O.* Jennie O. Osburn* Mary B. Whittaker*		4942, 6312, 7142, 12494.	50.	8.	35	00	3	50
Van Ness J. S. J. S. Van Ness.	Survey	4942, 6312, 7142, 12494. Cutting brush and clearing right of way	60.	12.	40	00	4	00
Sarah Diven Jennie Osburn Mary Whittaker					12	00		

Report of Work Completed re. County Surveyor's Report of work completed and Total Expenses in the matter of the Auditor's Office, Champaign County, Ohio.

County Ditch Imp. No. 273 Petition filed for by J. B. Miller  
 To the Honorable Board of Commissioners of Champaign and Madison County, Ohio:  
 Gentlemen:— I, the undersigned, County Surveyor, hereby respectfully submit this my final report of the labor and expense of locating and constructing the ditch petitioned for by J. B. Miller et al as follows:  
 The following is an itemized cost bill incurred by me in the proper discharge of my duties according to your order and to the law:

B. S. Pratt	County Surveyor,	13 days at \$4.00 =	\$52.00
A. Hamilton	Asst. Co. Surveyor,	9 1/2 " " 4.00 =	38.00
Harry Rock, Ed. Rodman,		4 " " 1.25 =	5.00
J. B. Miller	Chairman,	3 " " 1.25 =	3.75
Mary Miller	Chairman,	3 " " 1.25 =	2.50
J. W. Evans	Chairman,	1 " " 1.25 =	1.25
Total			\$102.50
Other Expenses: To B. S. Pratt to stakes			\$3.65
Total expenses.			106.15

The above bill of costs on the aforesaid ditch improvement is by us this 28<sup>th</sup> day of Sept. 1904, allowed.

W. H. Esby, Pres. Joint Board,  
 E. W. Hodge,  
 Geo. W. Bouchman, Secy Joint Board,  
 H. E. Bradley,  
 Jno. E. Roberts,  
 W. P. Wheroweth

Commissioners  
 of  
 Champaign County,  
 Commissioners  
 of  
 Madison County

Madison County Ditch Improvement Record.

Miller Joint Ditch Improvement.

In the matter of the } Urbana, Ohio, Sept. 28<sup>th</sup> 1904.  
 Miller Joint Ditch, } Pursuant to order, August, 27<sup>th</sup> 1904.  
 the Commissioners of Madison and Champaign  
 Counties, Ohio, met this day in joint session,  
 Present: J. E. Roberts, H. C. Bradley, W. P. Whenover, of  
 Madison County and W. H. Esby, E. W. Hodge and  
 George W. Bouchman of Champaign County. On  
 motion of Mr. Bradley, seconded by Hodge, W. H. Esby  
 was elected President of Board. Minutes of previous  
 meeting were read and approved. The above matter  
 came up for consideration on the Engineer's Report.  
 After reading report on motion adjourned to 1 o'clock  
 P. M. 1 o'clock P. M.

Board convened. all present; all parties present were  
 heard as to their assessments, after giving the  
 matter due consideration, on motion of Hodge,  
 seconded by Bradley, the Engineer's report is hereby  
 approved with the following changes, to wit:

Add to	Deduct from
Dig 4 R.R. \$30.00	J. S. New, \$50.00
J. Ware \$30.00	J. W. Evans, \$70.00
J. B. Miller \$30.00	
Champaign Co. \$30.00	
\$120.00	\$120.00

And the Engineer is directed to sell the material  
 and labor of construction at Irwin Station on the  
 15<sup>th</sup> day of October 1904, at 1 o'clock P. M. On roll call,  
 all voted "aye".

D. B. Howe, Auditor & Clerk. W. H. Esby, President.

Ditch Sale. Notice to Contractors. Ditch Sale.  
 Notice is hereby given that D. S. Pratt, County Surveyor,  
 will offer for sale at public outcry to the lowest  
 and best bidder at Irwin Station, Union County,  
 near the Champaign-Madison County line,  
 Saturday, October 15<sup>th</sup> 1904.

Beginning at 1:00 P. M. the labor and furnishing the  
 material for the Miller Joint County Ditch, accord-  
 ing to profile and specifications on file in the office  
 of the County Auditor at Urbana and London, Ohio.  
 The outlet of said ditch is located 1 mile south-  
 west of Irwin Station. Following is a statement of  
 the estimated cost and time of completion.

Section No. 1.	
From Station 75+68 to Station 88+30, length 1272 feet,	
1111 cu. yds. 24" w. @ 15c. per yd.	\$166.65
Section No. 2 - Dike.	
From Station 50 to Station 75+68, length 2568 feet,	
759 cu. yds. 24" w. @ 18c. per yd.	\$134.13

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The Miller Joint Ditch Improvement

759 cu. yds. ex. m. @ 18¢. per yd.	\$134.13
17 cu. yds. ex. m. @ 50¢. per yd.	8.50
68 feet, 15 in. sewer tile	24.50
1000 feet, 12 in. drain tile @ 11¢. per ft.	110.00
1500 feet, 15 in. drain tile @ 18¢. per ft.	270.00
1 concrete wall,	12.00
1 sewer "J" 15x10	2.00

Section No. 3. \$561.13

From Station 25 to Station 50, length 2500 feet. Tile.

764 cu. yds. ex. m. @ 17¢. per yd.	\$129.88
2500 feet 12 in drain tile @ 11¢. per ft.	275.00

Section No. 4. \$404.88

From Station 0 to Station 25, length 2500 ft. Tile.

769 cu. yds. ex. m. @ 17¢. per yard.	\$130.73
1111 ft. 8 in. <sup>drain</sup> tile. @ 6¢. per ft.	66.00
800 ft. 10 in drain tile @ 8¢. per ft.	64.00
600 ft. 12 in drain tile @ 11¢. per ft.	66.00
2 rubble stone filters.	8.00

Section No. 5 - Side-Lateral No. 1. \$334.73

From Station 0 to Station 3+87, length 387 ft.

58 cu. yds. ex. m. @ 17¢. per yd.	\$9.86
387 ft. 10 in. drain tile @ 8¢. per ft.	30.96

Total Estimate. \$1508.21

The above will be sold by the section and then as a whole, reserving the privilege to sell the labor and material separate. No bid will be received until the bidder has deposited \$15.00 with the engineer, that he will enter into contract and bond within 5 days from day of sale. Right to reject any or all bids is reserved.

B. B. Pratt, County Surveyor.

By Order Joint Board Commissioners, September 28, 1904.

Contract.

Contract

Champaign County, Ohio, October 15, 1904.

It is hereby certified that B. B. Pratt, the Surveyor or Engineer duly appointed by the Commissioners of said County, has this day sold to the Van Olve Blay Manufacturing Company the work of constructing and furnishing the material for working sections of the ditch known and designated as the Miller Joint Ditch in the Counties of Champaign and Madison, the entire price of said work being \$1508.21, which work the contractor agrees to commence on or before the 15th day of April, 1904, and fully complete according to the plans and specifications of the same, under the supervision of the Surveyor or engineer, and to the acceptance of the Commissioners of Champaign and Madison Counties on or before the 1st day of June next. And it is

Madison County Ditch Improvement Record.

The Miller Joint Ditch Improvement.

further agreed, and expressly understood, that in case the said contractor shall fail to commence and complete said work by the time hereinbefore named, then said job may be re-estimated by the Surveyor or Engineer, and resold by him according to law. And the said Contractor shall further be liable for all delays after the expiration of the time named above for the completion of the job and for the payment of all damages which may accrue by reason of the failure to complete the job within the time aforesaid. Provided this contract shall be of no force or effect until approved by the Commissioners of said Counties.

W. S. Pratt, Surveyor. Van Blue Blay Mfg. Company, Contractor. The above contract approved by us this 21<sup>st</sup> day of Oct. 1904.

W. H. Esby, }  
Geo. W. Brouckman } Commissioners  
E. W. Hodge, } of  
H. C. Bradley, } Champaign County, Ohio.  
Jno. C. Roberts }  
H. P. Whinoweth } Madison County, Ohio.

Contractor's Bond.

Contractors Bond.

Know all Men by these Presents, That we, The Van Blue Blay Manufacturing Company, as principal and Simpson Van Blue, J. R. Marsh and J. R. Skidmore as sureties are held and firmly bound unto the State of Ohio in the penal sum of Two thousand five hundred Dollars, (\$2500.00) by us jointly and severally to be well and truly paid, and we by these presents, and for this purpose, jointly and severally bind ourselves, our heirs, executors, administrators and assigns.

Subscribed with our hands, this 15<sup>th</sup> day of October 1904. The condition of the above obligation is such that, whereas, the aforesaid bounder The Van Blue Blay Manufacturing Company, did on the 15<sup>th</sup> day of October 1904, bid off the labor of constructing and furnishing materials for the Miller Joint County Ditch Improvement No. 273. in Champaign and Madison Counties, Ohio, and the foregoing contract has been entered into by him for the faithful and full completion of the labor aforesaid, according to the plans and specifications found in the record of the proceedings of this improvement, and to the acceptance of the County Surveyor in the contract named.

Now, if the Van Blue Blay Manufacturing Company, shall well and truly perform all requirements of said contract, in accordance with the tenor thereof, and complete the said labor within the time fixed in said contract, then this obligation to be void, otherwise to remain in full force and virtue in law.

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The Miller Joint Ditch Improvement.

The above bond with sureties and the foregoing contract, approved by us this 21<sup>st</sup> day of October, A. D. 1904

Van Blue Clay Mfg. Company,  
 Simpson Van Blue  
 J. P. Marsh,  
 J. A. Skidmore,

C. H. Esby,  
 Geo. W. Bronckman  
 E. W. Hodge } Commissioners  
 of  
 Madison County,

H. E. Bradley,  
 Jno. E. Roberts  
 W. P. Chenoweth } Commissioners  
 of  
 Madison County

Joint Ditch between Champaign and Madison Counties  
 Miller Joint Ditch

		acres	Total Cost
		Owned	Apporioned
Big + R. A.	(C.C.C. + St. L.)		\$ 30.00
Van Ness J. S. et al	Dunnys 4942, 6312, 7142, 12494	60 03	40.00
Given Sarah O.			
Osburn Jennie O.	Dunnys 4942, 6312, 7142, 12494	50 37	35.00
Whittaker Mary O.			
Miller J. B.	Dunnys 7142, 4942	24 20	89.00
			\$ 194.00

Levy against above 40% for year, 1904.  
 20% for December, 1904, 20% for June, 1904.  
 Special session, Sept. 20<sup>th</sup> 1904. All members present.

Assessment  
 Rate for year  
 1904,

In the matter of Assessments for 1904 on various ditches, Assessment Rate for year, 1904.

Commissioner's  
 Journal Vol. 8  
 Page 424,

The various improvements having been provided for according to law, and the Board of Commissioners having determined to raise money necessary to meet the expense of said improvements, it is now and hereby ordered that assessments shall be made upon the lots and lands benefited payable as follows: The Miller Joint Ditch Improvement, payable in annual installments. And that assessments for the year, 1904, sufficient to pay the cost of location, the bonds and interest due, the first and all claims for compensation and damages allowed, be made in proportion to the estimates made on said improvement.

It is further ordered that the County Auditor be directed to make and furnish to the Treasurer of the County a special duplicate for the year, 1904, charging each of the lots and lands assessed for the Miller Joint Ditch Improvement, 40 percent of the gross assessment. And that assessments shall be made annually thereafter sufficient to pay the bonds and interest due each year until paid.

On the question of the adoption of the foregoing entry relating to the assessments and said ditch improvement, H. E. Bradley, Jno. E. Roberts & W. P. Chenoweth voted "aye".

H. E. Bradley, Pres. }  
 Jno. E. Roberts }  
 W. P. Chenoweth } Commissioners  
 of  
 Madison County

Recorded, November, 30<sup>th</sup> 1904. D. A. Taylor, County Auditor.