

Madison County Ditch Improvement Record.

Record of

W. J. Ballinger

Ditch Improvement No.

Petition

London Ohio

November 27. A. D. 1893

To the Honorable Board
of Commissioners of
Madison County Ohio

} Petition for The Deepening widening
and where expedient straightening of a
Ditch known as Lateral No 1 of the
Bradley & Morgridge South Ditch or
The Dyer, Guy & Calhoun Ditch

The undersigned owners of lots and lands which will be drained and benefitted by the improvement herein prayed for hereby make application to your honorable body and now file with the Auditor of said county, this their petition, and now and hereby pray for the deepening widening and where expedient straightening of a ditch on the route hereinafter set forth.

The necessity for the deepening widening etc. of said ditch is that it will drain and reclaim the lands along the line thereof and adjacent thereto and will promote the public health convenience and welfare.

The following is the route and termini of said proposed improvement, to wit. Commencing at the division line between the lands of No Ira M. Dyer Dr W. J. Ballinger (formally the Smith land) the original beginning point, thence following the original channel or as near thereto as may be deemed expedient, through the lands of No Ira M. Dyer, Henry C. Guy Alvah Calhoun and Josson Calhoun to its terminus in the Bradley and Morgridge Ditch.

We ask that the grade line of above ditch be not less than two (2) feet below the natural surface at the place of beginning, and to be uniform throughout the width in the bottom at grade line to be 1 1/2 feet with a slope of two (2) horizontal to one (1) vertical, and that all necessary laterals be added thereto. And your petitioners pray that all laterals be tiled with good tile and of sufficient size to carry off all water within 36 hours after the rain fall ceases.

Petitioners

} Wm J. Ballinger
H. B. Converse, Guardian for Joseph Gully
George W. Pugh
A. N. Jones per Sarah Poice
N. M. Dyer

Filed Nov. 27. 1893

W. J. Wilson
County Auditor.

Madison County Ditch Improvement Record.

Record of

W. J. Ballinger

Ditch Improvement No.

Bond

Know all men by these Presents, That We W^m J. Ballinger H. B. Converse (Guardian) and Geo W. Pough as principals and A. N. Jones and Daniel Boyd as sureties are held and firmly bound unto the state of Ohio in the penal sum of Two hundred (200) 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 Nov. 1893
The condition of the above obligation is such, nevertheless that whereas on the 27th day of November A.D. 1893 the above bounden W. J. Ballinger, H. B. Converse Guardian of J. P. Tully, and George W. Pough made application to the commissioners of Madison county and on said day filed with the Auditor of said county their petition for deepening widening and straightening where expedient of a ditch in pursuance of the Statute in such case made and provided on the following route and termini, to wit: Commencing at the division line between the lands of No Ira M. Dyer and Dr W^m J. Ballinger (formerly the Smith lands) the original beginning point, thence following the original channel or as near thereto as may be deemed expedient through the lands of No Ira M. Dyer, Henry C. Guy Alvah Calhoon and Lesson Calhoon to its terminus in the Bradley and Morgridge Ditch.

We ask that the grade line of above ditch be not less than two (2) feet below the natural surface at the place of beginning and to be uniform throughout, the width in the bottom at grade line to be 1 1/2 feet with a slope of 2 horizontal to one vertical and that all necessary laterals be added thereto. And your petitioners pray that all laterals be tiled with good tile and sufficient size to carry off all water within 36 hours after the rainfall ceases.

Now if the above bounden W. J. Ballinger H. B. Converse and Geo W. Pough shall pay all costs, if the prayer of said petition be not granted, or if for any other cause the same shall be dismissed then this obligation shall be void.

W^m J. Ballinger

H. B. Converse Guardian J. Tully

Geo. W. Pough

A. N. Jones

Daniel Boyd

The above bond and the sureties thereon are approved by me this 27th day of November A. D. 1893

W. J. Wilson

County Auditor

Madison County Ditch Improvement Record.

Record of

W. J. Ballinger

Ditch Improvement No.

Finding on Petition

Commissioners Office Madison County
London Ohio Jan'y 29th 1894

In the matter of Ditch
Improvement petitioned for
by W. J. Ballinger et al.

This day the Commissioners of Madison County being in session members present M. L. Rea James Withrow and Henry Lilly and the county Auditor having delivered to the Board of Commissioners a copy of the petition filed with him on the 27 day of Nov. A.D. 1893 praying for the deepening, widening and where expedient straightening of a county ditch known as Lateral No. 1 of Morgridge and Bradley South Ditch on the following route and termini to wit: Commencing at the division line between the lands of No. Ira M. Dyer and Dr. W. J. Ballinger formerly the Smith land the original beginning point, thence following the original channel or as near thereto as may be deemed expedient, through the lands of No. Ira M. Dyer Henry C. Guy, Alvah Calhoon and Lossen Calhoon to its terminus in the Morgridge and Bradley South Ditch.

And it appearing to said board that said petitioners have given bond conditioned according to law and duly approved by the Auditor of said county, and the Board of Commissioners proceeded to view the premises along the line of said proposed improvement and determine by actual view of the premises along the line thereof whether said improvement is necessary and will be conducive to the public health convenience and welfare, and on consideration whereof do find that said improvement is necessary and will be conducive to the public health convenience and welfare and that the proposed route is the best therefor. And the said Board now here report their said findings in the premises in writing and order that the Auditor of said county enter the same on the Journal of the commissioners of said county:

M. L. Rea
James Withrow } Commissioners
H. Lilly

W. J. Wilson
Auditor

Madison County Ditch Improvement Record.

Record of

M. J. Ballinger

Ditch Improvement No.

Order to Engineer

In the matter of Ditch
Improvement petitioned
for by (M. J. Ballinger et al.) } Order to Engineer

Commissioners' office Madison County Ohio
January 29th 1894

This day the Commissioners of Madison County Ohio being in session and all the members present. In the above styled matter it is now here ordered that an entry be placed on the Commissioners' Journal directing H. L. McCafferty County Surveyor or to go upon the line of said improvement and survey and level the same and set a stake at every hundred feet numbering down stream note the intersections of lines and boundaries of lands, township and county lines, land marks bench marks and road and railway crossings; and make a report and profile and plat of the same and estimate the number of cubic yards of earth or other substance to be removed, and the cost per cubic yard for each working section of one hundred (100) feet.

It is also directed that said engineer make and return a schedule of all lots and lands, and public and corporate roads, municipal corporations and railroads that will be benefitted by said improvements 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 said improvement and a specification of the manner in which the improvement shall be made and completed, the number of flood-gates, waterways, farm crossings and bridges necessary including all kinds and dimensions thereof and that the said engineer report his proceedings at his earliest convenience.

M. L. Rea
James Withrow
Henry Lilly } Commissioners
Madison County Ohio

W. J. Wilson
County Auditor

Madison County Ditch Improvement Record.

Record of

W. J. Ballinger

Ditch Improvement No.

Report of Engineer

Auditor's Office Madison County
August A. D. 1894

In the matter of Ditch Improvement }
 petitioned for by W. J. Ballinger et al. } Report & Schedules of Engineer
 To the Honorable Board of Commissioners of
 Madison County Ohio:

The undersigned engineer in obedience to the direction of your honorable body made on the 29th day of July A. D. 1894 has proceeded in the above matter, and has made a level and survey of the line of said proposed ditch improvement, and set a stake at every hundred feet numbering down stream, and I have made a note of intersections of lines and boundaries of lands, township and county lines landmarks bench marks and road crossings; and I herewith make report of the same, with profile and plat and 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 companies and the names of the lessees operating the same, that will be benefitted 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 according to the benefit which will result to each from the said improvement and a specification of the manner in which the manner shall be made and completed; the number of floodgates water ways, farm crossings and bridges, including kinds and dimensions thereof, and such other matters as the undersigned deems important. The said survey, level report and schedules are hereto attached and made a part thereof. The following is an itemized cost bill, made by me, in the proper discharge of my duty, under your order.

H. L. McCafferty	Engineer	18 days at \$4.00 per day	\$ 72.00
Pearl Sherwood	Rodman	7 " " 1.25 " "	8.75
L. W. McCloud	Chainman	5 " " 1.25 " "	6.25
Geo. Pugh	"	1 " " 1.25 " "	1.25
Ed Fairbanks	"	1 " " 1.25 " "	1.25
William Bidwell	"	7 " " 1.25 " "	8.75
James Willoughby	asst	5 " " 1.25 " "	

William Bidwell	Stakes	300	
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Charles Butler	"	100	
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Total			109.75
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H. L. McCafferty
Engineer

Madison County Ditch Improvement Record.

Record of	M. D. Ballinger							Ditch Improvement No.	Schedule A.
Every	Stake 100ft.	Surface Elevation	Grade Elevath	Total Fall	Entire Depth	Cut	cu. yds.		
Section I	0	93.18	91.44 -0.75		1.74	.78			
	1	94.09	91.37	.07	2.72	.75	6		
	2	94.16	91.29	.15	2.87	.48	6		
	3	93.95	91.22	.22	2.73	.59	5		
	B.M.	94.99							
	4	94.23	91.14	.30	3.09	.98	8		
	5	94.37	91.07	.37	3.30	.85	12		
	6	93.59	90.99	.45	2.60	1.13	13		
	7	94.48	90.92	.52	3.56	1.00	14		
	8	94.62	90.84	.60	3.78	.95	12		
	9	94.42	90.77	.67	3.65	.77	10		
	10	94.22	90.69	.75	3.53	.85	9		
	11	94.20	90.62	.82	3.58	.91	11		
	12	94.05	90.54	.90	3.51	.90	11		
	13	93.97	90.47	.97	3.50	1.07	13		
	14	93.69	90.39	1.05	3.30	1.20	16		
	15	93.40	90.32	1.12	3.08	.90	14		
	16	93.96	90.24	1.20	3.72	.84	11		
	17	93.93	90.17	1.27	3.76	.83	10		
	18	94.13	90.09	1.35	4.04	.79	9		
	19	93.87	90.02	1.42	3.85	.68	8		
Section III	20	94.24	89.94	1.50	4.30	.80	8		
	21	93.62	89.87	1.57	3.75	.74	9		
	22	93.79	89.79	1.65	4.00	.72	9		
	B.M.	95.78							
	23	94.00	89.72	1.72	4.28	1.00	11		
	24	93.22	89.64	1.80	3.58	1.00	13		
	25	92.99	89.57	1.87	3.42	.65	10		
	26	93.27	89.49	1.95	3.78	.43	9		
	27	93.08	89.42	2.02	3.66	.50	5		
	28	92.71	89.34	2.10	3.37	.30	4		
	29	92.85	89.27	2.17	3.58	.50	5		
	30	92.57	89.19	2.25	3.38	.40	5		
	31	92.61	89.12	2.32	3.49	.74	6		
	32	92.57	89.04	2.40	3.53	.87	9		
	33	92.48	88.97	2.47	3.57	.64	9		
	34	92.40	88.89	2.55	3.51	.52	10		
	35	92.41	88.82	2.62	3.59	.23	3		
	36	92.25	88.74	2.70	3.51	.13	2		
	37	92.00	88.67	2.79	3.33	.08	1		
	38	91.90	88.59	2.85	3.31	.26	2		
	39	91.90	88.52	2.92	3.38	.28	2		

Madison County Ditch Improvement Record.

Record of	<i>W. J. Ballinger</i>							Ditch Improvement No.	Schedule A.
Section 3	40	91.23	88.44	3.00	2.99	.41	3		
	B.M.	93.73	-04						
	41	92.01	88.40	3.04	3.61	.48	5		
	42	92.03	88.36	3.08	3.67	.77	8		
	43	91.78	88.32	3.12	3.46	.41	7		
	44	91.81	88.28	3.16	3.53		2		
	45	91.31	88.24	3.20	3.07	.29	1		
	46	90.53	88.20	3.24	2.35	.97	8		
	47	91.69	88.16	3.28	3.53	.53	9		
	48	91.97	88.12	3.32	3.85	.62	16		
	49	91.99	88.08	3.36	3.91	.91	9		
	50	92.05	88.04	3.40	4.01	.83	11		
	51	92.22	88.00	3.44	4.22	.79	9		
	52	92.29	87.96	3.48	4.33	.83	9		
	53	92.23	87.92	3.52	4.31	.82	10		
	54	92.26	87.88	3.56	4.37	.67	8		
	55	91.91	87.84	3.60	4.07	.96	10		
	B.M.	93.61	87.80						
	56	92.10	87.80	3.64	4.30	.55	9		
	57	92.21	87.76	3.68	4.45	.89	8		
	58	91.95	87.72	3.72	4.23	.88	11		
	59	92.01	87.68	3.76	4.33	.82	10		
Section 4	60	92.00	87.64	3.80	4.36	1.06	12		
	61	91.83	87.60	3.84	4.23	.95	13		
	62	91.83	87.56	3.88	4.27	1.06	13		
	63	91.50	87.52	3.92	3.98	1.35	18		
	64	91.40	87.48	3.96	3.92	1.24	22		
	65	91.29	87.44	4.00	3.85	1.23	18		
	66	90.25	87.40	4.04	2.85	.87	15		
Center Pike		93.50							
	67	89.42	87.36	4.08	2.06	1.21	15		
	B.M.	93.52	87.32						
	68	91.50	87.28	4.12	4.18	1.70	25		
	69	91.35	87.24	4.16	4.07	1.02	22		
	70	91.28	87.20	4.20	4.04	.83	11		
	71	91.62	87.16	4.24	4.42	.86	10		
	72	91.26	87.12	4.28	4.10	.56	8		
	73	91.54	87.08	4.32	4.42	1.10	10		
	74	91.66	87.04	4.36	4.58	.65	11		
	75	91.33	87.00	4.40	4.29	.79	8		
	76	91.39	86.96	4.44	4.39	.78	9		
	77	91.59	86.92	4.48	4.63	.67	8		
	78	91.39	86.88	4.52	4.47	.69	7		
	79	91.49	86.84	4.56	4.61	.70	8		

Madison County Ditch Improvement Record.

Record of	W. J. Ballinger						Ditch Improvement No.
Section 5	80	9131	86.84 -05	4.60	4.47	.89	10
	81	9111	86.79	4.65	4.32	.94	12
	82	9157	86.74	4.70	4.33	.85	11
	83	9099	86.69	4.75	4.30	.75	11
	84	9107	86.64	4.80	4.73	.87	10
	85	9199	86.59		5.40	.80	11
	86	9167	86.54		5.13	.72	9
	87	9170	86.49		5.21	.80	9
	88	9106	86.44		4.62	1.05	12
	89	9002	86.39		3.63	1.25	17
	90	9062	86.34		3.28	1.16	17
	91	9079	86.29		4.50	1.25	17
	92	9050	86.24		4.26	1.15	18
	93	9072	86.19		4.53	1.15	16
	B.M.	9177					
	94	9097	86.14		4.83	1.25	18
	95	9156	86.09		5.47	1.40	20
	96	9122	86.04		5.18	1.35	21
	97	9115	85.99		5.16	1.30	20
	98	9085	85.94		4.91	1.45	22
	99	9067	85.89		4.73	1.30	22
Section 6	100	9064	85.84		4.80	1.10	18
	101	9080	85.79		5.01	1.20	16
	102	9048	85.74		4.74	.80	13
	103	9004	85.69		4.35	1.00	11
	104	8987	85.64		4.23	1.20	15
	105	8965	85.59		4.06	1.25	14
	106	8992	85.54		4.38	1.15	17
	107	9004	85.49		4.55	1.05	15
	108	9048	85.44		5.04	.93	13
	109	8940	85.39		4.01	1.03	13
	110	8955	85.34		4.21	1.18	17
	111	9035	85.29		5.06	1.03	17
	112	8958	85.24		4.34	1.11	15
	113	8973	85.19		4.54	1.23	17
	114	8955	85.14		4.41	.98	16
Section 7	115	8992	85.09		4.83	.96	12
	116	8989	85.04	6.40	4.85	1.26	15
	117	9013	84.99	6.45	5.14	1.11	17
	118	8980	84.94	6.50	4.86	1.31	18
	119	8939	84.89	6.55	4.50	1.18	19
	B.M.	9109					

Madison County Ditch Improvement Record.

Record of	<i>M. J. Ballinger</i>						Ditch Improvement No.
	120	90.07	84.84 -0.85	6.60	5.23	1.07	16
	121	90.54	84.76	6.68	5.78	1.35	14
	122	90.61	84.67	6.77	5.94	1.20	20
	123	90.74	84.59	6.85	6.15	1.12	18
	124	89.98	84.50	6.94	5.48	1.46	17
	125	89.59	84.42	7.02	5.77	.99	18
	126	89.67	84.33	7.11	5.34	1.48	19
	127	88.82	84.25	7.19	4.57	1.81	30
	128	89.69	84.16	7.28	5.53	1.20	26
	129	89.40	84.08	7.36	5.32	1.08	16
	130	88.86	83.99	7.45	4.87	1.15	16
	131	88.60	83.91	7.53	4.69	.85	13
	+59	89.30	83.86	7.58	5.44	.00	5
			<i>Lateral No 1 at 50 R.</i>				
	0	88.75 92.37	90.02 -10		3.52 2.35		
	1	88.70 92.39	89.92	.10	3.69 2.47		
Revised grade	2	88.65 92.60	89.82	.20	3.95 2.78		
Depth	3	88.60 92.50	89.72	.30	3.70 2.78		10 in tile
	4	88.55 92.30	89.62	.40	3.75 2.68		
	5	88.50 92.05	89.52	.50	3.55 2.53		
	6	88.45 91.90	89.42	.60	3.45 2.48		
	+55	88.40 90.50	89.37	.65	2.10 1.13		
			<i>Lateral No 2 at 60 R.</i>				
	0	88.38 -06	91.52		3.14		
	1	88.32	91.34	.06	3.02		
	2	88.26	91.27	.12	3.01		
	3	88.20	91.10	.18	2.90		8 in tile
	4	88.14	91.51	.24	3.37		
	5	88.08	90.60	.30	2.52		
	6	88.02	90.69	.36	2.67		
	+41	88.02	90.44	.38	2.44		
			<i>Lateral 3 at 70 R.</i>				
	0	94.34 -07	90.99		3.35		
	1	94.42	90.92	.07	3.50		
	2	94.53	90.85	.14	3.68		
B.M.		93.78			3.3		10 in tile
	3	94.06	90.78	.21	3.28		
	4	93.86	90.71	.28	3.15		
	5	93.06	90.64	.35	2.42		
	6	93.35	90.57	.42	2.78		
	7	93.23	90.50	.49	2.73		
	8	94.06	90.43	.56	3.63		
	9	93.46	90.36	.63	3.10		
	10	93.14	90.29	.70	2.85		
	11	93.36	90.22	.77	3.14		

Madison County Ditch Improvement Record.

Record of	<i>M. J. Ballinger</i>					Ditch Improvement No.
	B.M.	96.76				
	12	92.94	90.15'	.84	2.79	
	13	93.16	90.08	.91	3.08	
	14	92.96	90.01	.98	2.95'	
	15	93.22	89.94	1.05'	3.28	
	16	93.52	89.87	1.12	3.65'	
	17	91.80	89.80	1.19	2.00	
	18	93.14	89.73	1.26	3.41	
	19	93.19	89.66	1.33	3.53	
	20	93.12	89.59	1.40	3.53	
	21	93.09	89.52	1.47	3.57	
	22	92.51	89.45	1.54	3.06	
<i>Center Pike</i>	B.M.	93.27				
	23	92.48	89.38	1.61	3.10	
	24	92.42	89.31	1.68	3.11	
	25	92.30	89.24	1.75'	3.06	
	26	92.24	89.17	1.82	3.07	
	27	92.28	89.10	1.89	3.18	
	28	92.18	89.03	1.96	3.15'	
	29	91.56	88.96	2.03	2.60	
	30	91.80	88.89	2.10	2.91	
	31	91.36	88.82	2.17	2.54	
	32	91.62	88.75	2.24	2.87	
	+65'	91.34	88.71	2.28	2.63	
	33	91.41				
	50	89.83	87.64			
	56	92.50	87.64			} 12 in tile already in
	64	90.19	87.24			
			<i>Lateral 1 of 3 at 0</i>			
	0	94.68	91.34		3.34	.92
	1	94.82	91.27	.07	3.55'	.94
	2	93.91	91.20	.14	2.71	1.19
	3	94.19	91.14	.20	3.05'	.76
	4	94.15	91.06	.28	3.09	.73
	5	94.34	90.99	.35'	3.35'	1.85'
			<i>Lateral 4 at 7950</i>			
	0	91.23	84.20		3.03	
	1	91.10	88.14	.06	2.96	
	2	90.57	88.08	.12	2.49	
	3	90.62	88.02	.18	2.60	
	4	90.34	87.96	.24	2.38	
	+85'	90.34	87.90	.30	2.44	

Madison County Ditch Improvement Record.

Record of	W. J. Bullinger				Ditch Improvement No.
	Lateral 5 at 8840 R.				
0	91.20	88.18 -15	3.02	3.04 2.6	
1	90.78	88.03	2.75	.07 .72	
2	90.53	87.88	2.67	.10 .78	
3	90.38	87.72	2.66	.14 2.4	
4	90.38	87.55	2.83	.18 3.0	10 in Tile
5	90.16	87.40	2.76	.22	
6	90.64	87.25	3.39	.26	
7	89.90	87.10	2.80	.28	
+70	88.61	87.00	1.61		
	Lateral No. 6 at 108 R.				
0	91.22	88.22 -70		3.00	
1	90.95	88.12	.10	2.83	
2	90.58	88.02	.20	2.56	
3	90.63	87.92	.30	2.71	
4	90.59	87.82	.40	2.77	
5	91.00	87.72	.50	3.28	
6	90.68	87.62	.60	3.06	
7	91.14	87.52	.70	3.62	
8	91.27	87.42	.80	3.82	0 to 13 - 6 in tile
9	90.48	87.32	.90	3.16	13 to 13-21 - 10 in tile
10	88.48	87.22	1.00	1.26	
11	89.43	87.12	1.10	2.31	
12	89.49	87.02	1.20	2.47	
B.M.	90.10				
13	91.40	86.92	1.30	4.48	
+21	90.48	86.90	1.32	3.68	
	Lateral 1 of 6 at Sta 13 L.				
0	91.05	88.05 -09		3.00	
1	90.60	87.96	.09	2.64	
2	90.82	87.87	.18	2.95	
B.M.	90.60				
3	91.20	87.78	.27	3.42	7 in Tile
4	89.98	87.70	.35	2.28	
5	90.32	87.61	.44	2.71	
6	90.45	87.52	.53	2.93	
7	88.68	87.48 -10	.62	1.25	
8	89.00	87.33	.72	1.67	
9	89.78	87.25	.82	2.55	
10	89.59	87.13	.92	2.46	
11	89.32	87.03	1.02	2.29	
+62	91.40	86.92	1.13	4.48	
B.M.	90.10				

Madison County Ditch Improvement Record.

Record of

M. J. Ballinger

Ditch Improvement No.

Specifications

Auditor's Office Madison County, Ohio.
August 9th A. D. 1894

In the matter of Ditch Improvement Petitioned for by M. J. Ballinger et al.

Specification of the manner of Construction

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 on profile submitted herewith.

The main ditch to be to be made an open ditch from beginning to terminus. It must be made to conform to the cross section filed herewith.

To be 1 1/2 feet wide in the bottom with side slopes of 2 horizontal to 1 vertical.

Must be smoothly and evenly graded and banks must be trimmed even and regular leaving no bumps and the bottom to receive a shovel grade or its equivalent.

All earth taken from any of the above open ditch must be removed at least 25 feet from upper surface cut and spread as evenly as may be so as not to interfere with the tilling of the soil.

The estimated cost per cubic yard includes the excavation, removal of earth the required distance, sloping of the banks and grading of the bottom.

Seventy five (75) per cent estimates will be issued on completed sections.

File Ditches - Lateral 1 is to be tiled with 10 inch tile

" 2 " " " " " 8 " "

" 3 " " " " " 10 " "

from station 0 to station 32.65 and from station 32.65 to station 64 there is already a 12 inch tile in the ground which is as deep as can be. From station 64 up said Lateral 3 as far as necessary these 12 inch tile are to be taken up and cleaned and relaid in said Lateral 3 from station 23 to Station 32.65 a 7 inch tile is to be taken up and a 10 inch put in its place, said 7 inch tile to be used as per order of Engineer

Lateral 1 of 3 to be tile with 8 inch tile

" 2 of 3 is already tiled and was surveyed merely for the purpose of Location.

Lateral 4 to be tiled with an 8 inch tile

" 5 " " " " " a 10 " "

" 6 " " " " " " 6 " "

from station 0 to station 13 and with a 10 inch tile from said station 13 to 13.21 also to have a 6" to 10" increaser.

Lateral 1 of 6 to be tiled with a 7 inch tile

See Plat Record for Plat

Profile " Profile

Madison County Ditch Improvement Record.

Record of

W. J. Ballinger

Ditch Improvement No.

Tile to be strictly first class in every particular. no cracked, broken, crooked or poorly burned tile will be accepted or paid for. The contract price for the tile includes the cost at the factory, the delivery of the same in parcels of 100 feet to each 100 feet of ditch along the bank of the ditch and not more than 10 feet therefrom and the furnishing of all necessary gis or connections that the engineer may order. When tile are delivered and their quality approved the contractor will be entitled to 75% and the remaining 25% will be paid when laid in bottom and jointed within $\frac{1}{16}$ inch and care must be taken to make good joints.

The estimated cost of the tile ditches by the rod includes the cutting of the trench laying of the tile or pipe and filling over the tile all the dirt taken from the trench.

Estimates will be allowed same as open ditch.

No part of said work will be accepted as completed and no estimates shall issue until it complies in every respect to these specifications

Specifications for necessary floodgates will be furnished when needed.

H. L. McCafferty
Engineer

London Ohio

August 9th 1894

Madison County Ditch Improvement Record.

Record of

W. J. Ballinger

Ditch Improvement No.

Estimated cost of construction of W. J. Ballinger County Ditch
Main Ditch

Section 1	Station 0 to Station 20	121.20 rods	208 cu yds.
" 2	" 20 " 40	121.21 "	127 "
" 3	" 40 " 60	121.21 "	162 "
" 4	" 60 " 80	121.21 "	283 "
" 5	" 80 " 100	121.21 "	299 "
" 6	" 100 " 115	90.90 "	221 "
" 7	" 115 " 131.59	100.35 "	<u>299</u> "
			1599

1599 + 201 Estimated to cut from banks = 1800 cu yds. at 20¢ \$ 360.00

Laterals

Section 8

Lateral 1	39.70 rods 10" tile at 125	= 49.63	
"	" Excavation at 30¢	11.71	\$ 61.34
" 2	38.85 " 8" tile at 85¢	33.02	
"	" Exca @ 25¢	9.71	42.73 \$ 104.07

Section 9

Lateral 3	90.90 " 10" tile at 125	113.63	
"	90.90 Exca. @ 40¢	36.36	149.99
Lateral 1 of 3	30.30 " 8" tile at 90¢	27.27	
"	" Exca. @ 35¢	10.61	37.88 187.87

Section 10

Lateral 3	106.98 rds. 10" tile @ 125	133.73	
"	" Exca @ 40¢	42.78	176.51 176.51

Section 11

Lateral 4	29.40 " 6" tile @ 85¢	25.00	
"	" Exca @ 30¢	8.82	33.82
Lateral 5	46.67 " 10" tile @ 125	58.34	
"	" Exca @ 25¢	11.67	70.00 103.82

Section 12

Lateral 6	78.78 rds 6 in tile @ 60¢	47.27	
"	7.33 " 10" " " 125	9.16	
"	86.11 " Exca @ 30¢	25.83	82.26
Lateral 1 of 6	70.42 " 7" tile @ 80¢	56.34	
"	" " Exca @ 25¢	17.60	73.94 156.20
Total			1088.47

John O'Leary paid 196⁴⁵
Deducted 162 yards sta 0 to sta 15 at 70¢ 162⁰⁰
Added 115 " " 125 " " 131.59 12⁶⁵

Madison County Ditch Improvement Record.

Schedule B.

Record of	W. J. Ballinger Owners Name	Ditch Improvement No.			Estimated Cost of Construction at	Estimated Cost of Location	Total Cost Apportioned	As changed by Com'rs.		
		Survey	Acres owned	A. Drained						
	Ballinger W. J. & M. M.	110792	151.35	125.35	75.65	11.80	87.45			
	Dyer No. Ira M.	10982 11008	181.89	130.00	75	11.70	86.70	61.70	5.0 A. Drained	
	Guy Henry C.	11008	167.17	167.17	74.15	11.57	85.72			
	Bridgman Laura	7791	652.06	30	12.50	1.95	14.45			
	Brough Geo. W.	"	99	90	22.50	3.51	26.01			
	Madison County	Assessment			20.00	3.12	23.12			
	Gully Josiah	"	126.50	76	15.20	2.37	17.57			
	Price Sarah	"		20	4.00	.62	4.62	1.62	5.0 A. Drained	
	Jones A. N. (S. Price)	"	2.00	140	16.00	2.50	18.50			
	Calhoon Lawson	7394		25	5.00	.79	5.79			
	Alvah	10982		115	23.00	3.68	26.68			
	Kennedy J. Charles	"	85.81	85.81	17.00	2.72	19.72			
	Lateral No. 1			1070.53						
	Ballinger W. J. & M. M.				30.67	1.50	32.17			
	Guy Henry C.				30.67	1.51	32.18			
	Lateral No. 2									
	Ballinger W. J. & M. M.				21.36	1.29	22.65	17.79	6 in tile	
	Guy Henry C.				21.37	1.29	22.66	17.81	"	
	Lateral 3 and 1 of 3									
	Bridgman Laura				90.28	7.85	98.13			
	Brough Geo. W.				264.10	23.09	287.19			
	Gully Josiah				5.00	.44	5.44			
	Madison County				5.00	.44	5.44			
	Lateral 4									
	Guy Henry C.				16.68	1.12	17.80	10.20	6 in tile	
	Madison County				5.00	.33	5.33			
	Calhoon Alvah				12.14	.80	12.94			
	Lateral No. 5									
	Guy Henry C.				15.00	.75	15.75			
	Kennedy J. Charles				30.00	1.50	31.50			
	Madison County				5.00	.19	5.19			
	Calhoon Alvah				20.00	1.00	21.00			
	Lateral 6 and 1 of 6									
	Jones A. N. (S. Price)				149.20	9.86	159.06			
	Madison County				5.00	.33	5.33			
	Danaan P. School Board				2.00	.18	2.18			

Madison County Ditch Improvement Record.

Record of

W. J. Ballinger

Ditch Improvement No.

Proof of Notice to Land owners
Auditors Office, Madison County, Ohio
July 17 A. D. 1894

The State of Ohio
Madison County Ss.

On this the 17 day of July A. D. 1894 personally came E. B. Haynes who being duly sworn according to law deposes and says that on the days hereinafter named by delivering to each person opposite whose name appears D. a true copy of the annexed notice with a duplicate of the tabular statement thereto attached and on those opposite whose names appear R. by leaving the same with the duplicate of the tabular statement hereto attached at their usual place of residence, and on those opposite whose names appear R. L. by sending the same with a duplicate of the tabular statement hereto attached by registered letter addressed to their usual place of residence.

Ballinger W. J. & M. M.	D.	Aug. 15" 1894
Dyer No Ira M.	D.	" 14" 1894
Guy Henry C.	R.	" 14" 1894
Bridgman Laura	R.	" 16" "
Crough G. W.	D.	" 16" "
Madison County	D.	" 14" "
Gully Josiah	R.	" 15" "
Poice Sarah	D.	" " "
Jones A. N. (Poice)	D.	" " "
Calhoon Lonson	D.	" " "
" Alvah	D.	" " "
Kennedy J. Charles	R. L.	" " "
Trustees Canaan P.	D.	" " "

And further this deponent saith not

E. B. Haynes

Sworn to by E. B. Haynes before me and by him subscribed in my presence this 17 day of August A. D. 1894

W. D. Wilson County Auditor
by M. A. Robbins Deputy

Madison County Ditch Improvement Record.

Record of

W. J. Ballinger

Ditch Improvement No.

Auditors Office Madison County Ohio
August 12 A. D. 1894In the matter of Ditch
Improvement Petitioned for
by W. J. Ballinger et al.To all lot and land owners, and municipal and
private corporations, that will be affected by the Ditch Improvement
herein designated:

You and each of you are hereby notified that on the 27th day of November A. D. 1893 W. J. Ballinger and others filed a petition with the Auditor of said County, the substance and prayer of which said petition is, that there exists the necessity for the deepening, widening and straightening of a ditch and prays for the making of such improvement on the following route and termini, to wit: commencing at the division line between the lands of No. Ira M. Dyer and Dr. W. J. Ballinger (formerly the Smith lands) the original beginning point, thence following the original channel, or as near thereto as may be deemed expedient, through the lands of No. Ira M. Dyer, Henry C. Guy Alvah Calhoon and Lawson Calhoon to its terminus in the Bradley and Morgridge Ditch. That said petition is now pending and that such proceedings have been duly and legally had that the Board of Commissioners have found that said improvement is necessary for and will be conducive to the public health convenience and welfare, and that the line thereof is on the best route and the duly appointed engineer H. L. McCafferty has filed in this office his report as required by law and that as such Auditor of said county, the undersigned has fixed the 24 day of August A. D. 1894 at 10 o'clock A. M. at the Commissioners' office, for the hearing of said matter and proceedings. The following apportionment thereof has been made to you by the engineer in his report.

See page 435 for apportionment

W. D. Wilson

County Auditor

See proof of service on preceding page

Madison County Ditch Improvement Record.

Record of

W. J. Ballinger

Ditch Improvement No.

Commissioners Office Madison County
London Ohio August 24th 1894

This day the Board met in special session members present M. L. Rea, James Withrow and Henry Lilly.

In the matter of the
W. J. Ballinger Ditch Imp.

H. L. McCafferty the engineer heretofore appointed in this matter having having filed his report including the apportionment made by him of the costs of said improvement and this being the time fixed by the Auditor for the hearing said report and matter and the board after proper examination do find that due notice with a statement of said apportionment has been given for the length of time required by law, to all lot and land owners and to the authorities of all municipal corporations affected by said improvement notifying them of the pendency substance and prayer of the petition for the improvement. Said board also find that no person has made application in writing for compensation and damages and that no person has made application for a change in the line of said ditch through his premises, and after hearing the evidence and having examined the report and apportionment of the engineer the board thereupon adjourned the further hearing on said matter until Monday August 27 1894

Madison County Ditch Improvement Record.

Record of

W. J. Ballinger

Ditch Improvement No.

Commissioners Office Madison County
London Ohio August 27th 1894

Commissioners met to day pursuant to adjournment of August 24th 1894. members present M. L. Rea James Withrow and H. Lilly.

In the matter of the

W. J. Ballinger Ditch Imp. } Report of engineer order of sale.

Board resumed the further consideration of said matter and having heretofore heard the evidence and examined the report and apportionment of the engineer do find that said report and apportionment are not in all respects fair and just according to the benefits derived from the improvement by the owner of each lot and tract of land and by municipal and private corporations. It is therefore ordered that said report and apportionment be changed in the following particulars. 1st That the number of acres drained on land in name of No. Doa M. Dyer be changed from 150 A. to 100 A. thereby changing the assessment on same from \$86.70 to \$61.70

2nd That the number of acres drained on land in name of Sarah Price be changed from 20 A. to 5 A. thereby changing the assessment from \$4.62 to \$1.62

3^d That the size of the tile on lateral No. 2 be changed from 8 inches to 6 inches thereby changing the assessment of W. J. and M. M. Ballinger from \$22.65 to \$17.62 and the assessment of Henry C. Guy from \$22.66 to \$17.81

4th That the size of the tile on lateral No. 4 be changed from 8 inch to 6 inch thereby changing the assessment of Henry C. Guy from \$17.80 to \$10.20,

and that said report and apportionment as hereby changed be and the same are hereby approved and confirmed.

The Board fix Tuesday Sept 11th 1894 at 10 o'clock A.M. on the ground as the time and place for the sale of the construction of said improvement at public outcry in sections of not less than one hundred (100) feet nor more than 2500 feet in length and H. L. McCafferty county surveyor is hereby directed to attend at the time and place of sale specified above to superintend and conduct the same. The county Auditor is hereby directed to cause notice of the time and place of said sale to be given by posters for at least one week prior to said day of sale. On the adoption of the foregoing finding and order the roll being called each of the Commissioners voted "aye" adoption Unanimous

Madison County Ditch Improvement Record.

Record of

W. J. Ballinger

Ditch Improvement No.

Contract & Bond

Auditors Office Madison County
London Ohio Sept. 11th 1894

In the matter of Ditch Improvement petitioned for by W. J. Ballinger et al. } Contract for labor of Construction.

Whereas the above styled improvement has been ordered, and advertised for sale according to law and the construction of working sections No, 1-2-3-4-5-6-7-8 of 13,159 feet allotted to several land owners, as per Engineers report and sold by the duly appointed engineer on the 11 day of Sept. A.D. 1894 to the undersigned for Two hundred dollars pursuant to said order and notice. Now in consideration of the premises, it is agreed by me, to and with whomsoever may be interested therein, that I will do and perform all the labor of constructing said improvement in accordance with the specifications for constructing the same as shown in the records of the proceedings thereof the same to be completed on or before the 1st day of January A.D. 1895, provided this contract shall be of no effect until approved by the Board of commissioners of Madison Co. Ohio

(*200)

John Cleary-Contractor

Bond.

Auditors office Madison County
London Ohio Sept. 11th A.D. 1894

In the matter of Ditch Imp. }
Petitioned for by }
W. J. Ballinger et al. } Contractors Bond

Know all men by these presents, That John Cleary as principal and John Riley and Cary Jones as sureties are firmly held and bound unto the state of Ohio in the ^{penal} sum of Four hundred (400) dollars good and lawful money.

Signed and dated this 11 day of September A.D. 1894

The condition of the above obligation is such howsover that whereas, the above bounden principal contractor has bid off the labor of constructing working sections Nos. 1 to 8 inclusive, has duly entered into the annexed contract subject to the condition, that the same shall be approved by the commissioners of said Madison County and has agreed to fully do and perform all labor of constructing said improvement in accordance with the plans and specifications of said improvement as shown on the records of said proceedings on or before Jan. 1st 1895 -

Now if the said John Cleary shall well and truly perform all the obligations of his said contract and complete the same within the time fixed by said contract and pay all damage that may occur by reason of failure to complete the same within the time agreed upon in said contract, then this obligation shall be void otherwise to be in full force and effect in law.

John Cleary
John Riley
Cary Jones

Madison County Ditch Improvement Record.

Record of

W. J. Ballinger

Ditch Improvement No.

This contract and bond and the sureties
on said bond approved by us this 29th day of October 1894

M. L. Rea

James Kithrow } Commissioners
Henry Lilly }

Auditors Office Madison County

London Ohio Sept. 11th A.D. 1894

In the matter of Ditch Improvement
Petitioned for by W. J. Ballinger et al. } Contract for labor

Whereas the above styled improvement has
been duly ordered, and advertised for sale according to law and
the construction of working section No. 1 to 5 of 533 $\frac{1}{3}$ rods
allotted to several land owners of the following described
land as per Engineers report and sold by the duly
appointed Engineer on the 11th day of Sept. A.D. 1894 to
the undersigned for (\$135.00) pursuant to said order and
notice. Now in consideration of the premises it is agreed by me
to and with whomsoever may be interested therein, that I will do and
perform all the labor of constructing said improvement in
accordance with the specifications for constructing the same as
shown on the record of the proceedings thereof the same to be
completed on or before the 1st day of March A.D. 1895 provided this
contract shall be of no force and effect until approved by the Board
of Commissioners of Madison County, Ohio

Thomas Woodhouse

Contractor.

Madison County Ditch Improvement Record.

Record of

M. J. Ballinger

Ditch Improvement No. Contractor's Bond

Auditors Office Madison County

London Ohio Sept. 19 A. D. 1894

In the matter of, Ditch Imp. }
 Petitioned for by M. J. Ballinger } Contractor's Bond

Know all men by these presents, That Thomas Woodhouse as principal and Robt. Woodhouse and Edward F. Riley as sureties are firmly held and bound unto the State of Ohio in the penal sum of Two hundred and seventy (270) dollars, good and lawful money. Signed and dated this 11th day of Sept. A. D. 1894

The condition of the above obligation is such, however, that, whereas, the above bounden principal contractor has bid off the labor of constructing Working sections Nos. 1 to 5 has duly entered into the annexed contract, subject to the condition that the same shall be approved by the Commissioners of said Madison County and has agreed to fully do and perform all labor of constructing said improvement in accordance with the plans and specifications of said improvement as shown on the records of said proceedings on or before the 1st day of March A. D. 1895.

Now if the said Thomas Woodhouse shall well and truly perform all the obligations of his said contract and complete the same within the time fixed by said contract, and pay all damage which may occur by reason of a failure to complete the same within the time agreed upon in said contract, then this obligation shall be void otherwise to be in full force and effect in law.

Thomas Woodhouse
 Robert Woodhouse
 Edward F. Riley.

This contract and Bond and Sureties on said Bond approved this 29th day of October A. D. 1894

M. L. Rea }
 James Withrow } Commissioners
 H. Lilly }

Madison County Ditch Improvement Record.

Record of

W. D. Ballinger

Ditch Improvement No.

Auditors Office Madison County
London Ohio Sept. 11th 1894

In the matter of Ditch
Imp. petitioned for
by W. D. Ballinger et al.

Contract for furnishing tile

Whereas the above styled improvement has been duly ordered and advertised for sale according to law and the furnishing of tile on the ground for all laterals 1 to 6 inclusive allotted to land owners benefitted thereby and sold by the duly appointed Engineer on the 11 day of September 1894 to the undersigned in the following lots and sizes.

285.58 rods 10 inch

30.30 " 8 "

70.42 " 7 "

147.03 " 6 "

amounting to three hundred ninety six and 75th dollars pursuant to said order and notice, Now in consideration of the premises it is agreed by me to and with whomsoever may be interested therein that I will deliver said tile in dimensions and quantities as per specifications for said improvement and in parcels of 100 feet of tile upon each 100 feet of ditch and within 10 feet of the center line of the same where used.

All of the above tile to be delivered on or before the 15 day of November A. D. 1894.

Provided this contract shall be of no force until approved by the commissioners of said Madison county Ohio, and it is further expressly agreed that 75% of said cost of tile shall be paid when delivered and the remaining 25% when laid in ditch and accepted as completed.

Arthur Smith

Madison County Ditch Improvement Record.

Record of

W. D. Ballinger

Ditch Improvement No.

Auditors Office Madison County
London Ohio Sept. 11 1894

In the matter of Ditch
Improvement petitioned for } Contractor's Bond.
by W. D. Ballinger et al.

Know all men by these presents that Arthur
Smith as principal and Monroe Bidwell and Jacob Beers
as sureties are fully held and bound unto the state of Ohio in the
penal sum of eight hundred (800) dollars good and lawful money
Signed and dated this 11th day of Sept. 1894

The condition of the above obligation is such
however, that whereas the above bounden principal contractor
has bid off the labor of furnishing the tile in quantities and
kinds and to be delivered as per above contract, and has duly
entered into the annexed contract, subject to the condition that the same
shall be approved by the commissioners and Engineer of said Madison
county and has agreed to fully do and perform all of said labor of
furnishing said tile in accordance with the specification of said
improvement as shown on the record of said proceedings
on or before the 15 day of Nov. 1894

Now if the said Arthur Smith shall well and truly
perform all the obligations of this said contract and complete
the same within the time fixed therein and pay all damage
which may occur by reason of a failure to complete the same
within the time agreed upon in said contract, then this
obligation shall be void, otherwise to be in full force and
effect in law.

Arthur Smith
Monroe Bidwell
Jacob Beers

This contract and bond, and sureties on said Bond
approved this 1st day of Oct. 1894

H. L. McCafferty
Engineer

M. L. Rea }
James Withrow } Commissioners
H. Lilly }

Madison County Ditch Improvement Record.

Record of

W. J. Ballinger

Ditch Improvement No.

The following bonds were issued to pay for the improvement of said ditch.

No.	Am't.	Date of Bonds	Rate Sold for	When Due	Where Payable	Total Bonds & Int
495	80	Sept 2 1895	6 82.86	March 1 1896	Treas. Office	82 40
496	80	" " "	" 82.86	Sept 1 "	" "	84 80
497	100	" " "	" 102.86	Mar. 1 1897	" "	109 00
498	100	" " "	" 102.86	Sept. 1 "	" "	112 00
499	100	" " "	" 102.86	Mar. 1 1898	" "	115 00
500	100	" " "	" 102.86	Sept. 1 "	" "	118 00
501	100	" " "	" 102.86	Mar. 1 1899	" "	121 00
502	100	" " "	" 102.86	Sept. 1 "	" "	124 00
503	100	" " "	" 102.86	Mar. 1 1900	" "	127 00
504	100	" " "	" 102.86	Sept. 1 "	" "	130 00
	<u>960</u>		<u>988.60</u>			<u>1123 20</u>

The following amounts were placed upon the Special Ditch duplicate for collection in 5 years.

Ballinger W. J. and M.	135 10
Bridgman Laura	128 87
Calhoun Loseon	5 50
" Alvah	6 065
Canaan P. School Board	2 20
Dyer No. Jora M.	55 75
Guy Henry C.	159 93
James A. W. (S. Price)	181 72
Kennedy J. Charles	51 70
Madison County	49 00
Pugh Geo. W.	335 26
Price Sarah	2 10
Pully Josiah	20 00
" George x	24 22
	<u>1212 00</u>