

Drain: STEPHENS & CLARK **Drain #:** 73
Improvement/Arm: C J CLARK
Operator: J. LIVINGSTON **Date:** 6-21
Drain Classification: Urban/Rural **Year Installed:** 1897

GIS Drain Input Checklist

- Pull Source Documents for Scanning JL
- Digitize & Attribute Tile Drains JL
- Digitize & Attribute Storm Drains
- Digitize & Attribute SSD
- Digitize & Attribute Open Ditch
- Stamp Plans
- Sum drain lengths & Validate JL
- Enter Improvements into Posse
- Enter Drain Age into Posse JL
- Sum drain length for Watershed in Posse JL
- Check Database entries for errors JL

Ditch, by

J. A. Mitchell

County Surveyor,

July, 7

1897

ORIGINAL SPECIFICATIONS.

Width at Top. Depth of Cut. Width at Bottom.

DESCRIPTION OF THE MANNER IN WHICH THE WORK SHALL BE DONE.

This ditch having been tiled by the owner of the NW¹/₄ of the NE¹/₄ of Sec 31 Township 19 Range 3 east from stake 0 through said land. The owner of said land is exempt from any assessment for repairs on the part which remains open, and said open part begins at stake 13+20 and ends at stake 71+20 on main ditch and the arm begins at stake 0 and ends at stake 8+23.

This ditch must be repaired to its original depth, width and slope. The mud must be deposited not nearer than two feet from break of the banks. All bushes briars logs ect must be removed from the slopes and banks of ditch.

J. A. Mitchell
County Surveyor.

Mitchell has tiles all
of above drain on his part
of said tile Aug 7 Johnson
S.H.C
Aug 5-1910

D123 PG 164
CJ CLARK
1907

184

Ditch, by

County Surveyor,

190

ORIGINAL SPECIFICATIONS.

DESCRIPTION OF THE MANNER IN WHICH THE WORK SHALL BE DONE.

Width at
Top.

Depth of
Cut.

Width at
Bottom.

Said ditch is filled from stake 0 to stake
19+30 and an open ditch 1 foot wide in
the bottom from stake 19+30 to stake 41+20
said ditch to be repaired by removing all
hard slash weed sticks logs & stone from it
to its original width & depth, all weed
vines & bushes shall be cut and removed
from the slopes of the bank and for a distance
of 5 feet on each side from the break of the
bank, every thing taken from said ditch to be
deposited not more than 2 feet from break
of bank.

Apportionment for Keeping in Repair the

B. J. Clark DRS PG 7
1912

Wm. H. Burford, Blank Book Mfg., Indianapolis

Share No.	From Station No.	To Station No.	Feet Long	NAME TO WHOM APPORTIONMENT IS MADE	DESCRIPTION OF LAND BENEFITED	Section	Town	Range	ACRES BENEFITED		AMOUNT OF BENEFITS	
									Acres	Hund.	Dols.	Cts.
1	71+98	69+85	205	W. C. Kendall	N ¹ / ₂ NW	NW	27	19	3	20		
2.	69+85	64+85	500	Washington T.P.	Highway N ¹ / ₂ S	lot	20	19	3			
					" N ¹ / ₂ S	E ¹ / ₂	21	19	3			
					" E ¹ / ₂ W	lot	16	19	3			
3	64+85	63+60	125	Walter Edwards	N ¹ / ₂ S ¹ / ₂ NW	SW	21	19	3	8		
4	63+60	63+40	20	Eugene Huffman	N ¹ / ₂ S ¹ / ₂ N ¹ / ₂	SE	20	19	3	2	5	
5	63+40	62+30	110	O. E. Parr	N ¹ / ₂ N ¹ / ₂	SE	20	19	3	10		
				"	S ¹ / ₂ S ¹ / ₂ S ¹ / ₂	NE	20	19	3	2	5	
6.	62+30	62	30	Wm. H. Hoover	1/8 SW N ¹ / ₂ E	SE	21	19	3	10		
7	62	61	100	W. P. M. Collins Est	6 ¹ / ₂ E ¹ / ₂ S ¹ / ₂	SW	16	19	3	10		
8	61	56	500	Melissa Pettigrew	1/8 N ¹ / ₂	NE	28	19	3	17		
				"	" 6 ¹ / ₂ E ¹ / ₂	SE	21	19	3	32		
9	56	53	300	Samuel Reynolds	S ¹ / ₂ N ¹ / ₂	SW	21	19	3	20		
10	53	50	300	Eva C. Cox	SW	SE	16	19	3	40		
11	50	45	500	Geo W Boardale	SE	NE	21	19	3	40		
					NW N ¹ / ₂	SE	21	19	3	10		
					NW S ¹ / ₂	SE	21	19	3	8		
12	45	37+80	720	G. W. Walker	N ¹ / ₂ NW	SW	21	19	3	18		
				"	SW	NW	21	19	3	40		
				"	1/8 NW	NW	21	19	3	10		
13	37+80	26+40	1140	J. A. Stephens	NW	SE	21	19	3	40		
Chm	8+23	6	223	"	SW	SE	21	19	3	40		
14	26+40	23	340	J. F. Hutchens	S ¹ / ₂ SW	NE	21	19	3	20		

Apportionment for Keeping in Repair the

Wm. B. Burford, Blank Book Mfr., Indianapolis.

Share No.	From Station No.	To Station No.	Feet Long	NAME TO WHOM APPORTIONMENT IS MADE	DESCRIPTION OF LAND BENEFITED	Section	Town	Range	ACRES BENEFITED		AMOUNT OF BENEFIT	
									Acres	Hund.	Dols.	Cts.
15	23	18	500	Alfred Hinshaw	NE	21	19	3	40			
Arm	6	0	600	"	SE	21	19	3	40			
				"	NE NE	21	19	3	20			
16	18	17+70	30	A. L. Millikan	1/8 SW NE	21	19	3	3			
17	17+70	13+20	450	Thos E. Millikan	1/2 SW	21	19	3	20			
18	13+20	0	1320	Eli W. Myers	SW	21	19	3	40			

Dillon, WJ

J. W. Newman

County Surveyor

ORIGINAL SPECIFICATIONS

DESCRIPTION OF THE MANNER IN WHICH THE WORK SHALL BE DONE

Width at Top	Depth at Cut	Width at Bottom
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Notices served by mail July 9 - 1912
 Notices posted July 9 - 1912
 Clearing on the the 20th of July - 1912
 Notices posted as follows.

One at the NW corner		Sec - 21-19-3.
" " " " "	NE 1/4	" - 21-19-3
" " " " "	E 1/2, NE 1/4	" 21-19-3.
" " " SE	W 1/2 " " 1/4	" 21-19-3
" " " SW	NE NE	" 28-19-3

This ditch has been tiled through the lands of Eli W Myers, John E. Mullenhan and J. T. Mitchem, or to the south line of the NE 1/4 of Section 21-19-3, The remaining part of open ditch is one foot wide in bottom with side slope of 45°, or one to one. The arm enters the main ditch at a point 30 feet below stake 33 on Main ditch. The repairs to be made to the original specifications.

No 5235

Report of Commissioners.

FAVORABLE.

Syrus J. Clark et al
Ditch

11/10/18

297
107
194
191
57

601

68

Filed Sept 4, 1882
J. R. Christman
Clerk Circuit Court.
Wm. E. Burford, Printer, Indianapolis.

REPORT OF COMMISSIONERS.

To the Honorable Judge of the Hamilton Circuit Court:

The undersigned, Commissioners of Drainage, to whom was referred the petition of Cyrus J. Clark and Thomas A. Stephen for the drainage of the West half of the South East quarter of section 21 Township 19 North Range 3 East, and the West half of the North East quarter of section 21 Township 19 North Range 3 East

in Hamilton County, respectfully report that they have inspected personally all the lands described in said petition, and all other lands liable to be affected by the construction of the proposed work, and are of the opinion that the proposed drainage will ~~improve the public health of~~ that neighborhood, will benefit two or more public highways and will be of public utility in the county and that the same can be accomplished at an expense less than ^{the aggregate} benefits to the lands to be affected thereby, and after causing the necessary surveys and examinations to be made they determined that the method of drainage should be as follows, to wit,

See page 3 of this report

They estimate the cost of constructing the work at Six hundred and fifty five dollars. They further report that they have estimated the benefits and injury

to the several tracts of land which will be affected by the work, as follows:

OWNERS.	DESCRIPTION.	S.	T.	R.	Acres.	Injury.	Benefit.
<i>Cyrus J. Clark</i>	<i>N. W. 1/4 N. E. 1/4</i>	21	19	3	40		\$100
<i>Cyrus J. Clark</i>	<i>S. W. 1/4 N. E. 1/4</i>	21	19	3	40		100
<i>C. S. W. Pettijohn</i>	<i>2.62 Aches off of the South Side S. E. 1/4 S. E. 1/4</i>	21	19	3	26 2/3		40
<i>C. S. W. Pettijohn</i>	<i>N. E. 1/4 N. E. 1/4</i>	28	19	3	40		10
<i>Samuel Milikaw</i>	<i>part E. 1/2 S. E. 1/4 containing 53 1/2 rods N. E. 1/4 S. W. 1/4 of said E. 1/2 S. E. 1/4 sec New N. 36 1/2 rods E. 45 1/2 rods S. 35 1/2 rods W. 40 rods to begin</i>	21	19	3	10		15
<i>J. A. Stephens</i>	<i>N. W. 1/4 S. E. 1/4</i>	21	19	3	40		150
<i>J. A. Stephens</i>	<i>S. W. 1/4 S. E. 1/4</i>	21	19	3	40		25
<i>Thomas Huggins</i>	<i>S. E. 1/4 N. E. 1/4</i>	21	19	3	40		40
<i>M. W. Milikaw</i>	<i>N. E. 1/4 N. E. 1/4</i>	21	19	3	40		5
<i>Mrs. Cyrus Johnson</i>	<i>S. W. 1/4 S. E. 1/4</i>	16	19	3	40		54
<i>Cyrus Johnson</i>	<i>N. E. 1/4 N. W. 1/4</i>	21	19	3	40		35
<i>Cyrus Johnson</i>	<i>S. E. 1/4 N. W. 1/4</i>	21	19	3	40		50
<i>Cyrus Johnson</i>	<i>N. 1/2 N. E. 1/4 S. W. 1/4</i>	21	19	3	20		40
<i>John E. Walker</i>	<i>S. W. 1/4 N. W. 1/4</i>	21	19	3	40		30
<i>John E. Walker</i>	<i>N. 1/2 N. W. 1/4 S. W. 1/4</i>	21	19	3	20		15
<i>J. W. Parr</i>	<i>N. 1/2 N. E. 1/4 S. E. 1/4</i>	20	19	3	20		5
<i>James Edwards</i>	<i>S. 1/2 N. W. 1/4 S. W. 1/4</i>	21	19	3	20		10
<i>Samuel Reynolds</i>	<i>S. 1/2 N. E. 1/4 S. W. 1/4</i>	21	19	3	20		40
<i>W. M. Collins</i>	<i>S. E. 1/4 S. W. 1/4</i>	16	19	3	40		10
<i>Truly Run Gravel Road Co.</i>	<i>Truly Run Gravel Road</i>						30

Washington Township Public Highway running North and South through the center of the East half of section 21
 All of which is respectfully submitted. *Commedy 19 North Range 3 East* 25

Commissioners.

By the construction of an open ditch commencing 3.7 rods West of the South East corner of the S. W. 1/4 S. E. 9 2 of Section 16 Township 19 North Range 3 East and running thence South 25.50 feet, thence S. 43° E. 190, thence South 110 feet thence S. 57° E. 640 feet, thence S. 37° E. 300 feet, thence S. 42 1/2° E. 900 feet, thence S. 30° E. 400 feet, thence S. 55° E. 700 feet, thence S. 58° E. 400 feet, and terminating 2.8 rods North and 3.8 rods East of the South East corner of the N. E. 1/4 of the N. E. 1/4 of the Section 28 Township 19 North Range 3 East.

The following is a tabular statement of the depth of cut and width at the top and bottom of said ditch at the beginning and terminus and at the end of each one hundred feet there of, and also the number of cubic yards of earth to be removed from each section of 100 feet, the estimated cost per cubic yard for removing the same, the total number of cubic yards of earth to be removed and the total cost of removing the same, all measurements of widths and depths being in feet and tenths of feet.

Section	Dist from Station	No. of Station	Depth of cut	Width at top	Width at bottom	Area of cut	Dist from Station	No. of Station	Depth of cut	Width at top	Width at bottom	Area of cut	Dist from Station	No. of Station	Depth of cut	Width at top	Width at bottom	Area of cut
0	3.5	1.0	8.0	13	3.7	1.0	8.14	6.2	12.5	10	7.75							
1	3.4	1.0	7.8	5.8	12.5	6.75	14	3.9	1.0	8.18	6.8	11	8.50					
2	3.4	1.0	7.8	5.4	11	6.75	15	4.2	1.0	10.4	8.4	11	10.50					
3	4.1	1.0	9.2	6.4	11	8.00	16	3.5	1.0	8.10	7.4	11	9.25					
4	3.9	1.0	8.18	7.4	11	9.25	17	4.0	1.0	9.0	6.6	11	8.25					
5	4.4	1.0	9.8	7.8	11	9.75	18	3.5	1.0	8.10	6.6	11	8.25					
6	5.7	1.0	12.4	11.2	11	14.00	19	3.3	1.0	7.6	6.7	11	6.75					
7	5.9	1.0	12.8	12.4	11	15.50	20	2.8	1.0	6.6	4.6	11	5.75					
8	6.0	1.0	13.0	15.2	11	19.00	21	2.9	1.0	6.8	4.0	11	5.00					
9	4.9	1.0	10.8	13.0	11	16.25	22	3.5	1.0	8.10	5.0	11	6.25					
10	3.6	1.0	8.2	8.2	11	10.25	23	4.8	1.0	10.6	8.0	11	10.00					
11	3.1	1.0	7.2	5.4	11	6.75	24	3.5	1.0	8.10	8.0	11	10.00					
12	3.6	1.0	8.2	5.4	11	6.75	25	3.4	1.0	7.8	5.6	11	7.00					

26	36	1.0	8.2	58	12.50	7.25	59	28	1.0	6.8	34	12.50	4.25
27	219	1.0	6.8	52	11	6.50	60	31	1.0	9.2	34	11	4.25
28	314	1.0	7.8	48	11	6.00	61	43	1.0	9.8	36	11	4.50
29	311	1.0	7.2	52	11	6.50	62	41	1.0	10.2	36	11	4.50
30	311	1.0	7.2	48	11	6.00	63	45	1.0	10.0	36	11	4.50
31	310	1.0	7.0	46	11	5.75	64	39	1.0	8.8	36	11	4.50
32	312	1.0	7.4	48	11	6.00	65	210	1.0	6.0	32	11	4.00
33	315	1.0	8.0	52	11	6.50	66	215	1.0	6.0	30	11	3.75
34	313	1.0	7.6	56	11	7.00	67	316	1.0	8.2	44	11	5.50
35	313	1.0	7.6	52	11	6.50	68	213	1.0	5.6	40	11	5.00
36	412	1.0	9.4	66	11	8.25	69	119	1.0	4.8	24	11	3.00
37	412	1.0	9.4	82	11	10.25	70	118	1.0	4.6	20	11	2.50
38	315	1.0	8.0	68	11	8.50	71	010	1.0	1.0	20	11	2.50
39	314	1.0	7.8	56	11	7.00							4042 11 5.05 2.5
40	410	1.0	9.0	62	11	7.75							
41	413	1.0	9.6	80	11	10.00							
42	411	1.0	9.2	80	11	10.00							
43	411	1.0	9.2	80	11	10.00							
44	510	1.0	11.0	80	11	10.00							
45	318	1.0	8.6	80	11	10.00							
46	316	1.0	8.2	60	11	7.50							
47	316	1.0	8.2	56	11	7.00							
48	219	1.0	6.8	40	11	6.00							
49	315	1.0	8.0	36	11	4.50							
50	317	1.0	8.4	36	11	4.50							
51	219	1.0	6.8	36	11	4.50							
52	318	1.0	8.6	36	11	4.50							
53	318	1.0	8.6	36	11	4.50							
54	310	1.0	7.0	36	11	4.50							
55	315	1.0	8.0	36	11	4.50							
56	217	1.0	6.4	36	11	4.50							
57	219	1.0	6.8	34	11	4.25							
58	311	1.0	7.2	34	11	4.25							

Also by the construction of an arm to said ditch commencing at the south east corner of the North half of the North East quarter of the South West quarter of section 21 Township 19 North Range 3 East. and running thence East 823 feet and terminates in the main ditch 30 feet below stake 33.

The following is a tabular statement of the dimensions and cost of said arm &c

No. of Station	Dist. East	Width at top	Width at bottom	Depth	Cubic yard	Cost per cubic yard	Total Cost
0	3.3	1.0	7.6				
1	3.7	6.0	6.4	35	126.0	\$4.75	
2	2.4	1.0	5.8	30	11	3.75	
3	3.2	1.0	7.4	38	11	4.75	
4	3.1	1.0	7.2	46	11	5.75	
5	2.1	1.0	5.2	32	11	4.00	
6	3.9	1.0	8.8	42	11	5.25	
7	4.6	1.0	10.2	82	11	10.25	
8	3.6	1.0	8.2	78	11	9.50	
823	3.5	1.0	8.0	14	11	1.75	
					398		\$49.75
					4042		5051.25
					4440		\$5551.00

They estimate the total number of cubic yards of earth to be removed from said ditch to be 4440 and the cost of removing the same at \$5551.00

They estimate the cost of removing grubbing the route of said ditch at \$100.00

and the total cost of said ditch at \$6551.00

They would further specify that the banks of said ditch should be cut smooth and of uniform slope and the earth excavated therefrom be deposited not nearer than two feet from the top of the banks.

STATE OF INDIANA,

County,

SS :

We, the undersigned, Commissioners of Drainage, swear that we have each personally examined each tract of land assessed for benefits and damages and the whole route of the proposed work, and that such drain is of sufficient capacity to carry, without overflowing, all the water which flows or should flow along such route, that no other lands than those described in this report will be either benefited or damaged by the construction of the proposed work, and that all the statements therein are true and correct, and that all assessments of benefits and injuries set forth therein are correct, just, fair and equitable to all parties concerned, as we verily believe.

James Sanders
Samuel B Wells
James M^c Mullan } Commissioners.

Subscribed and sworn to by said Commissioners, this 4 day of September, 1882, before me.

J R Christian
Clerk Circuit Court.

They would further report that the following named persons are entitled to fees for services in the matter as follows, to wit;

Frank Wells, rodman, 1 da \$1.50
2123. H. S. W. Pettigrew chairman 1 da 1.25
Syrus J. Clark chairman 1 da 1.25
J. A. Stephens apuan 1 da 1.25
William Stephens apuan 1 da 1.25

They claim fees for services in the matter as Commissioners of Drainage, as follows, to wit;

James A. McMullen as commissioner 4 da \$12.00
Samuel B. Wells as commissioner 4 da 12.00
James Sanders as commissioner 2 da 6.00
James Sanders as engineer 2 da 10.00

All of which is respectfully submitted.

James Sanders
Samuel B. Wells } Commissioners
James A. McMullen }

PLAT OF ALLOTMENT C. J. CLARK. DRAIN.

