

Drain: 1m ENDICOTT **Drain #:** 266
Improvement/Arm: _____
Operator: J. LIVINGSTON **Date:** 12-10-03
Drain Classification: Urban/Rural **Year Installed:** 1883

GIS Drain Input Checklist

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

Gasb 34 Footages for Historical Cost
Drain Length Log

Drain-Improvement: JM ENDICOTT

Drain Type:	Size:	Length ()	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
TILE	14"	2500'	2500'		4.25/lf	10625.00
	16"	1400'	1400'		5.50/lf	7700.00
	18"	700'	700'		6.50/lf	4550.00
	20"	1070'	1070'		8.00/lf	8560.00
	22"	1273'	1273'		9.00/lf	11457.00
	TOTAL	6943'				
OPEN DITCH	—	13647'	13647'		19.55/lf	266798.85
	TOTAL	20590'				
ARM / - TILE	12"	500'	500'		4.00/lf	2000.00
	14"	1412'	1412'		4.25/lf	6001.00

Sum: 22502' 22502' \$317691.85

Final Report: _____

Comments:

Court met pursuant to adjournment. present same officers as on Saturday.

In the matter of *Wade's estate & McMillan's estate*
Drainage. Petition of } No 5392
John Mc Endicott }

Comes now the petitioner by his attorneys and this petition and Report of Commissioners. is now presented to the court. which is in the words and figures as follows To the Honorable Judge of the Hamilton Circuit Court, the undersigned. Commissioners of Drainage, to whom was referred the petition of John Mc Endicott. for the drainage of South 1/2 of the NE 1/4 of section Township 20. North Range 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 works, and are of the opinion that the proposed drainage will improve the public health of the neighborhood will benefit 5 public highways and that the same can be accomplished at an expense less than the aggregate benefits to the lands to be affected thereby and after carefully the necessary surveys and examinations to be made they determined that the method of Drainage should be as follows to wit:

- N. 55 E. 700ft. N 46 E. 400ft. N 40 E. 200ft. North 450ft North 750ft South 37° E. 50ft S 15 E. 180ft N 86 E. 560ft N 87 E 580
- N. 44 E. 100ft East 500ft S 50 E. 200ft East 735ft East 280ft
- N 70 E. 400ft N 60 E. 200ft N 60 E. 100ft N 42 E. 430ft N 22 E. 100ft N 15 E. 180ft N 76 E. 100ft. N 75 E. 150ft. N 69 E. 300ft
- N 33 E 100ft. N 41 E. 180ft. N 49 E. 600ft N 65 E. 200ft N 61 E 400ft N 42 E 600ft N 42 E. 400ft. N 87 1/2 E. 350ft N 85 E 150ft East 2300ft S 20 E. 180ft. S 35 E. 390ft East 200ft. N 70 E 20ft N 42 E. 700ft S 46 E. 200ft. S 40 E. 80ft South 615ft N 76 E. 400ft N 40 E. 500ft N 65 E. 100ft N 72 E. 120ft N 80 E. 150
- N 55 E. 120ft N 50 E. 100ft N 34 E 150ft. East 300ft N 52 E. 100ft
- N 50 E. 200ft N 60 E. 780ft N 60 E. 200ft N 72 E. 100ft
- N 66 E. 900ft N 7 E 100ft S 62 E. 200ft S 82 E. 500ft. S 68 E 200ft. Terminates at Road South 40 Road East of N W.

Day. **Hamilton Circuit Court,**

Term, 18

Corner of East 1/2 S E 1/4 sect. 35 Township 21 north of Range 3 East.
 Also an Arm of said ditch commencing 40 rods north of
 S E corner of N E 1/4 sec 5 Township 20 north of range 3 east
 and run thence S 60 E. 200 ft. S 58 E 500 ft S 52 E. 120 ft
 terminates on main ditch between stakes 8 and 9.

The following is a tabulated statement of the no of sections
 depth of cut at each station of one hundred ft. width at
 bottom and top at each stake, number of cu yds cut
 per sq. and cut per station of one hundred ft.

No of Station	Length Cut	Width at Bottom	Width at Top	No cu yds per sq	Cut per station	No of Station	Length Cut	Width at Bottom	Width at Top	No cu yds per sq	Cut per station
0	42	1	9.4	12 1/2	6	27	5.6	1	12.2	11.6	14 50
1	27	1	6.4	55	6	28	5.8	1	11.0	10.8	12 87 1/2
2	28	1	8.6	44	6	29	5.2	1	11.4	10.0	12 50
3	28	1	8.8	67	8	30	5.5	1	12.0	11.1	18 87
4	32	1	7.4	58	7	31	4.4	1	9.8	9.7	12 12 1/2
5	39	1	8.8	58	7	32	4.6	1	10.2	8.1	10 72 1/2
6	34	1	7.8	61	7	33	5.3	1	11.6	9.7	12 12 1/2
7	39	1	8.8	61	7	34	4.9	1	10.8	10.5	18 12 1/2
8	33	1	7.6	61	7	35	5.0	1	11.0	9.7	12 12 1/2
9	34	1	7.8	50	6	36	5.0	1	11.6	10.1	12 62 1/2
10	35	1	8.0	55	6	37	5.7	1	12.4	11.1	18 87 1/2
11	42	1	9.4	67	8	38	5.3	1	11.6	11.7	14 62 1/2
12	37	1	8.4	70	8	39	5.8	1	12.1	11.2	14 00
13	33	1	7.6	58	7	40	5.3	1	11.6	11.2	14 00
14	40	1	9.0	61	7	41	5.7	1	11.2	9.9	12 57 1/2
15	46	1	10.2	34	6	42	5.4	1	11.8	9.8	12 25
16	44	1	9.8	61	7	43	5.8	1	12.6	10.6	18 25
17	44	1	9.8	58	7	44	5.5	1	12.0	11.6	14 50
18	44	1	9.8	58	7	45	4.9	1	10.8	9.9	12 87 1/2
19	44	1	9.8	55	7	46	5.5	1	12.0	9.9	12 87 1/2
20	47	1	10.4	66	8	47	5.6	1	12.2	11.2	14 00
21	42	1	9.4	60	7	48	5.3	1	11.6	11.3	14 12 1/2
22	50	1	11.0	95	11	49	6.0	1	13.6	12.9	15 75
23	46	1	10.2	103	12	50	5.3	1	11.6	12.1	15 12 1/2
24	48	1	10.6	99	12	51	5.9	1	12.8	12.6	15 75
25	57	1	11.0	112	14	52	6.0	1	13.6	12.9	15 75

Total number cu yark. Main ditch 20844
 " " " " " " Ann 5.05
 Total number cubic yards. 20849
 Cost of removal. \$2606.12
 grub & clearing 200.00
 Total estimate. \$2806.12 $\frac{1}{2}$

We further specify that the banks of said ditch should be cut smooth and of uniform slope and the earth excavated therefrom deposited not nearer than 2ft from the top of banks and to slope back and away from said banks all work to be done in neat and workmanlike manner.

We estimate the cost of constructing the work at two thousand eight hundred and six⁴/₁₀₀ dollars. They further report that they have estimated the benefits ~~and~~ injury to the several tract of land which will be affected by this work. as follows.

Names	Descripton	Sec	Tp	R	A.	Injry	Benefit
John McConcatt	SE. NE	5	20	3	40		\$175.
Henry Albright	NE. SE.	5	20	3	40		150.
" "	NR. SE	5	20	3	40		10.
Horace Mields	NR. SW.	4	20	3	40		165.
E Mields Int.	NE. SW. NR.	4	20	3	40		125.
" "	NR. NR.	4	20	3	40		50.
Phoebe Albright	NE. NE.	5	20	3.	74		25.
Leo W Small	NR. NR.	3	20	3.	74		50.
" "	SW. NR.	3	20	3	40		50.
Elvira George	ht NE. NR.	3	20	3.	14 $\frac{1}{2}$		30
John Small	ht NE. NR.	3	20	3	5.		15.
Mary A Small	ht NE. NR.	3	20	3	10		25.
Eliza Small	SE. NR.	3	20	3	40		100.
John B Melster	NE. SW.	3	20	3	40		40.
Lucy N Herschman	ht SE. NE	4	20	3	52 $\frac{1}{2}$		60.
Herschman Hein	ht SE. NE	4	20	3	3 $\frac{1}{2}$		10.
Geo. W. Herschman	SW. NR.	4	20	3	40		90
" "	NR. NE.	4	20	3	34		110

W. H. ...

Filed Aug 2 1924

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AUG 2 - 1924

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IN HAMILTON CIRCUIT COURT,

STATE OF INDIANA

HAMILTON COUNTY

In the matter of the supplemental Petition of Joseph Reckey, et, al, to extend the J.M.Endicott Drain, and lower the bed thereof so as to drain certain lands set out in said petition,

To the Honorable Judge of the Hamilton Circuit Court,

We the Viewers and Engineer to whom was referred the above cause would respectfully report that we met on the line of said proposed drain on the 23rd day of May 1924, Qualified and proceeded to View said proposed improvement, and after very careful investigation of the conditions connected with said proposed work,

We find that in order to obtain Drainage of the lands described in said petition it ~~would~~^{will} be necessary to modify the outline of construction set out in the report of the Viewers and Engineer in the Matter of the Endicott Drain,

Therefore we would recommend that said Endicott Drain be modified, the bed of said ^{Drain} lowered, the size of the Tile increased, and that said System be established, and Constructed, as a Main Ditch and an Arm as set out in detail in this report and the Specifications herein after written, and we believe that the same when completed will improve the Public health and will reclaim certain lands, and will be of Public utility, and will benefit several Highways, also that the cost of construction and repair, damages and expenses of effecting said drain will be less than the benefits ~~benefits~~ to the lands effected by said drainage.

That we have definitely determined the best and cheapest method of effecting the drainage of the lands, we have fixed the route, location, and character of said proposed work and have fixed the same by metes and bounds, courses, distances, descriptions and guides, and Bench Marks, including Arms and Branches so as to provide for a complete outlet for the drainage of said lands effected by said proposed work; that we have divided the ditch and branches into sections of not more than 100 feet in length by setting stakes at each 100 feet.

The work will be staked out by the Engineer and his stakes must be carefully preserved, and followed. The digging of each and every portion of the Ditch must be at its outlet, or its junction with another tile Drain toward its upper end.

The Ditch to be dug along one side of the line Survey stakes, and sufficient distance from not to disturb them, and shall be dug in a straight and clean manner. In taking out the last draft the blade of the spade must not go deeper than the grade line. The Ditch must be dug accurately and true to the grade at the depth indicated by the figures given by the Engineer, measured from the grade stakes.

The laying of the tile must begin at the lower end and proceed up stream. The tile must be laid as closely as practicable and in a line free from cracks, the piece being turned about until the upper closes, unless there is sand or fine silt which is likely to run into the tile, in which case the lower edge must be laid close and the upper side covered with clay or other material. When making turns or by other unavoidable reasons, a crack of one fourth inch or more is necessarily left, it must be securely covered with broken pieces of tile, or by other indestructible material, junctions with branch lines must be carefully and securely made. After the tile have been laid and inspected by the Engineer or his representative, they must be covered with the earth excavated from the trench, or borrowed clay or soil. Where said trench does not afford sufficient material, and in no case less than two feet in depth over the tile in new cuts.

In cases where land is assessed for the construction of this Drain and does not abut upon the drain the owner of such lands shall have the right to construct a drain across the lands of others which lie between his land and the Drain.

And where said Drain is an open channel the filling shall be to a depth of not less than two feet above the top of the tile, for the full width of said channel, in no case must the tile be covered with sand without material being first used and in no case will boulders or heavy rock be allowed in the filling if they may in time come in contact with the tile, the Ditch contractor must assume all risk from caving in of the Ditch, and when each Drain is completed it must be free from sand and mud before it will be received and paid for in full.

In case it is found impracticable, by reason of bad weather or other unlooked for trouble in digging the Ditch or properly laying the tile, to complete the work specified in the contract, the time may be extended as mutually agreed upon by the contractor and the Engineer.

The contractor shall use all necessary precaution to secure his work from injury while he is constructing the Drain. All tile and material used in the construction of this Drain and its tributaries thereto, included in the requirements of these specifications, shall be first class in every respect and subject to rigid inspection by the Engineer.

The Engineer shall have authority to layout and direct the work, and to inspect and supervise the same during the construction, and completion to see that it is properly done in accordance with the specifications and contract, and his instructions shall be fully carried out.

We are of the opinion that the best method for securing an outlet for, and the Drainage of said lands to be effected, is by means of tile Drains, as follows;

(Main Ditch)

Begining 384 feet South of the Northeast corner of the Southeast quarter of Section 5, Township 20 North, Range 3 East; Run thence North 55 degrees East to Stake 7, Thence North 34 degrees East to Stake 10, Thence North 37 degrees East to Stake 13, Thence North 44 degrees East to stake 23, Thence North 33 degrees 15 minutes East to Stake 36, Thence North 45 degrees East to Stake 38, Thence North 61 degrees East to stake 39, Thence North 88 degrees East to stake 57, Thence South 37 degrees East to stake 58, Thence South 20 degrees East to stake 59, Thence South 15 degrees East to stake 60+50, Thence South 35 degrees East to stake 64+40, Thence North 86 degrees East to Stake 78, Thence North 43 degrees East to stake 86, Thence North 89 degrees East to stake 90, Thence South 75 degrees East to stake 91, Thence South 60 degrees East to stake 92, Thence South 46 degrees, 30 minutes East to stake 99+47, Thence East to 102+25, Thence South to 108+32. X

77+75

85+30

90+67

74+7

82+67

99+12

101+75

107+60

Arm No. 1. Begin 120 rds, West and 39 rds, South of Northeast corner of the Southeast quarter, Section 5, 20, 3. Thence run East to stake 12, Thence Run 16 degrees, 13 minutes Left to stake 17, Thence run 17 degrees and 58 minutes Left to stake 19+12, entering in Main Ditch at stake 0 of Main Ditch.

REQUIREMENTS. Main Ditch, shall consist of One Row
One Row of 14 inch Tile from Sta 0. to Sta 25, (2500 Feet)
One Row of 16 inch Tile From Sta 25. to Sta 39, (1400 Feet)
One Row of 18 inch Tile From Sta 39. to Sta 46, (700 Feet)
One Row of 20 inch Tile From Sta 46. to Sta 56+70, (1070 Feet)
One Row of 22 inch Tile From Sta 56+70 to Sta 69+43, (1273 Feet)
One 25 Foot Flume, 22 inch inside Diameter, Walls 4 inches thick,

XXXXXXXXXXXXXXXXXXXX (OVER) XXXXXXXXXXXXXXXXXXXXXXX

REQUIREMENTS. Main Ditch, shall consist of

At the lower end of the Flume shall be Walls and Apron constructed Also the Mud Floor in Bridge shall be cut out & rebuilt to New grade of concrete, shall be built in accordance with plans for same here-
to attached,

Two Catch Basins, made of concrete at or near Stations 39, & 57,
~~shall be built with plans furnished,~~
shall be 3 feet diameter inside with 4 inch walls and bottom and
concrete cover with reinforced perforated top, 3 feet and 8 inches
in diameter and 4 inches thick,

REQUIREMENTS. Arm No.1.

One Row of 12 inch Tile from Sta 0. to Sta 5 , " " " 14 " " " " 5 to Sta 19+12	500 (500 Feet) 1412 "
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CONCRETE WORK.

The concrete work to be done under these Specifications will consist of, the Tile, Retaining Wall, Catch Basin, and Conduit.

The mixture for all said work shall be One part Portland Cement, Two parts good clean sharp sand and Three parts good clean Gravel, Mixed dry until the mixture presents an even shade of coloring throughout, then continuing the mixing, water sufficient shall be added to make a moderately wet mortar,

Unyielding forms shall be built for the purpose of moulding the concrete into shape, The mortar to be placed in the forms while still in a wet condition and ~~packed~~ spaded so as to make a homogenous construction, and as soon as the concrete has set sufficiently to bear its own weight, said forms shall be removed and any defects in said construction shall be immediately repaired.

The Tile to be made by same Standard method for making concrete tile, and shall be first class in every respect, and the shell of said tile shall not be less than $1/12$, the diameter, at any point on its circumference.

The Catch Basins, Conduit etc, shall be built in accordance with Plans for same hereto attached,

The last ~~25~~ feet at lower end of the Ditch shall be a conduit constructed of concrete in circular forms ~~22~~ inches in diameter in clear and shall have 4 inch wall.

The Tile used in the construction of this drain may be either Standard, Concrete, Clay or Shale tile, The kind to be determined by the Engineer in charge of construction at the time of letting the contract.

= / =

J. M. ENDICOTT, DITCH,

MAIN DITCH,

STA,	HUB OUT,	MUD CUT,	CU. YDS,	STA,	HUB CUT	MUD CUT	CU. YDS.
0	6.97			26	7.03		60
1	5.83		53	27	8.24		63
2	5.79		50	28	6.87		62
3	5.40		48	29	6.17		54
4	5.28		45	30	6.08		52
5	5.64		46	31	7.42		57
6	5.57		47	32	6.00		56
7	6.46		50	33	6.20		52
8	6.26	4.39	45	34	6.28		52
9	6.21	4.10	36	35	6.11		52
10	6.52	4.20	35	36	5.75		50
11	6.78	4.10	35	37	5.88		50
12	6.42	4.00	34	38	5.80		51
13	5.98	4.23	33	39	6.22	3.36	39
14	6.03	4.00	33	40	6.67	3.70	39
15	6.86	4.01	33	41	6.97	3.58	40
16	6.50	4.03	33	42	6.76	3.98	42
17	6.14	4.06	34	43	6.82	3.65	42
18	6.90	4.59	36	44	6.86	3.46	40
19	6.48	4.49	38	45	6.82	3.72	40
20	6.56	4.48	38	46	6.31	3.63	41
21	6.38	4.44	38	47	6.60	3.94	41
22	7.78	4.16	36	48	7.48	3.94	41
23	6.69		45	49	8.91	3.20	40
24	6.94		57	50	8.58	3.21	40
25	7.09		59	51	7.96	3.37	37

MAIN DITCH , Continued,

STA	HUB CUT,	MUD CUT,	CU YDS,	STA,	HUB CUT,	MUD CUT,	CU YDS.
52	7.48	3.61	40	78	8.74	3.64	60
53	8.54	3.34	40	79	8.23	3.08	60
54	7.39	3.25	37	80	8.34	2.99	51
55	5.32	3.43	37	81	6.97	2.73	46
56	6.09	3.73	40	82	8.13	2.97	46
57	6.37	3.46	40	83	8.61	2.81	47
58	6.92	3.16	37	84	8.23	3.25	50
59	6.86	3.27	36	85	8.86	3.11	56
60	7.88	3.22	36	86	7.19	2.55	46
61	7.61	3.13	36	87	7.39	1.89	29
62	7.31	3.07	35	88	6.70	1.63	21
63	7.51	3.26	36	89	5.84	1.87	21
64	7.56	3.39	37	90	6.26	1.91	24
65	6.97	3.14	37	91	7.75	1.95	25
66	6.70	2.82	34	92	6.39	1.89	24
67	7.31	2.94	33	93	6.03	1.73	22
68	7.91	2.96	33	94	5.37	1.77	21
69	7.88	3.07	34	95	5.66	2.01	24
			2928	96	5.89	1.65	23
				97	5.69	1.59	18
				98	6.13	1.03	14
				99	6.50	0.57	7
				100	6.17	0.75	5
				101	5.42	0.86	7
				102	6.49	0.79	7
				103	6.08	0.50	5
				104	6.04	0.22	3
				105	5.61	0.56	3
				106	5.60	0.12	2
				107	4.12	0.26	1
				108	4.21	0.07	1
				108+ 32	5.15	0.07	
70	5.19	3.19	54				
71	8.36	2.96	54				
72	8.70	3.00	50				
73	8.72	2.94	50				
74	8.83	3.08	50				
75	8.27	3.22	54				
76	8.95	3.16	56				
77	7.17	3.10	54				

Open from here on,

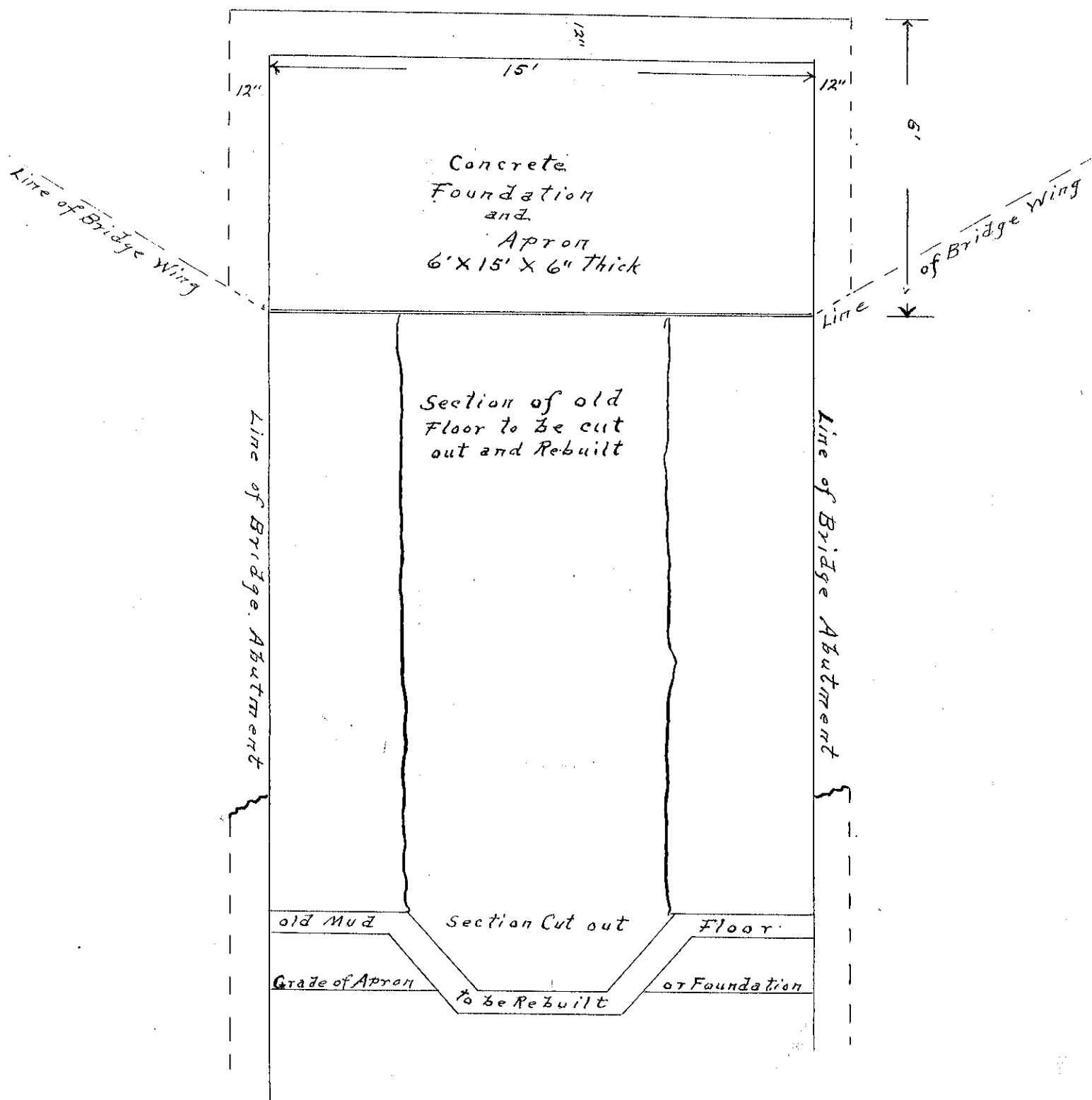
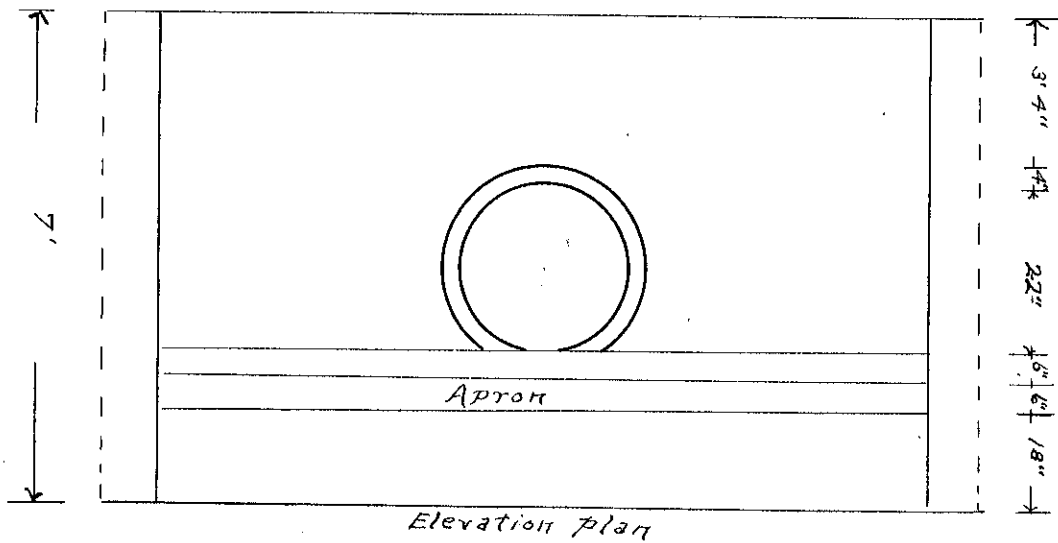
1191
 2928
 Total Cu pt 4119
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J. M. WINDICOTT, DITCH.

ARM TO DITCH,

Sta	Out,	Cu.Yds.
0	2.80	
1	3.46	26
2	4.80	31
3	5.51	38
4	6.17	44
5	6.41	47
6	7.33	51
7	7.50	55
8	8.03	60
9	8.13	60
10	8.18	65
11	8.28	65
12	8.15	65
13	8.39	66
14	8.33	67
15	7.81	65
16	7.04	60
17	7.06	57
18	6.65	56
19	6.77	55
19 + 12	6.97	7

7840



ESTIMATE COST OF CONSTRUCTION

Including,

Material, Labor, Hauling, etc necessary to complete the work in accordance with the Plans and Specifications,

For the Construction of Arm From Station 0 to Station 19+12 \$ 1072.⁰⁰
 For " " " Main Ditch, " 0 to Sta 108+ 32 \$ 6398.⁰⁰
\$ 7470.⁰⁰

Total

Claims pending and adjudged in former reports,

To N.C. & J.F. Neal Attorneys Fees ~~263.~~ \$ 263.⁰⁰

To the Ledger, Legal printing 23.36

~~Sanctus Sanctus Sanctus~~

Clark Coffin Drainage Commissioner..... 28

Charles Ringer Viewer, 28

J. S. Shannon Engineer & Helpers, 85

Also all Court cost taxed against said drain ...
Estimated at ~~25.~~ 25 - \$ 457.26
457.26

Estimated expenses including

Attorneys Fees

Recording & Releasing,

Legal Printing,

Superintending Construction

Court Expenses

Contingency Fund,

Total \$

563.67

We claim for our services in this cause

Marion Miller, Viewer, 35.⁰⁰

Henry Gwinn, Drainage Com, 30.⁰⁰

J.S.Shannon & Helpers 130.⁰⁰

195.⁰⁰

Total

Grand Total 8782.93

NAMES	DESCRIPTION OF LANDS			Section	Township	Range	Acres Assessed		Acres Benefited		Amount of Benefits		Am't of Assessment		Total Assessment	
							A	Hun	A	Hun	\$	Cts.	\$	Cts.	\$	Cts.
S.A. Hershman,	Pt SW,	NW,	4	20	3	33	45	33	45	706	86	642	60			
Do.	Pt W	NW	4	20	3	17	71	17	71	117	66	116	05			
Do.	Pt SE	SW	4	20	3	36	00	36	00	706	86	642	60			
Do.	Pt W SW	NE	4	20	3	17	00	17	00	117	81	107	10			
Do.	Pt NE	SW	4	20	3	39	50	39	50	173	25	157	50	1665	85	
										1822	94					
S.A. Hershman & wife,	Pt SW	NW	4	20	3	6	55	6	55	145	25	132	05	132	05	
Roy Hershman	Pt E	NW	4	20	3	40	00	40	00	762	30	693	00			
Do.	Pt NW	NE	4	20	3	18	67	18	67	341	82	310	84			
Do.	E Pt NW.	NW	4	20	3	17	00	17	00	293	83	267	12	1270	96	
										1377	75					
Nancy J. Hershman	E 1/2 W 1/2	NE	4	20	3	38	00	38	00	446	29	405	72	405	72	
Erskine Ross	NE.	NE	4	20	3	33	00	33	00	623	70	567	00			
Do.	SE	NE	4	20	3	39	00	39	00	51	81	47	10	614	10	
										575	51					
Wm Hershman	NW	NW	3	20	3	32	90	32	90	145	20	132	00			
Do.	SW	NW	3	20	3	27	00	27	00	64	68	58	80	190	80	
										207	88					
Hanna C. Small.	Pt E 1/2	NW	3	20	3	12	00	12	00	19	25	17	50	17	50	
Maggie Coppock	Pt NE	NW	3	20	3	14	50	14	50	63	80	58	00			
Do.	Pt E 1/2	SW 1/4	34	21	3	50	00	50	00	74	91	68	10	126	10	
										135	71					
Ray Thornton	SW	SW	34	21	3	40	00	40	00	93	50	85	00			
Do.	E 1/2 NW	SW	34	21	3	18	00	18	00	7	48	6	80	91	50	
										100	18					
U.M. Hershman	N 1/2 N 1/2 W 1/2 NW, SW		34	21	3	1	00	1	00		44	40		40		
Pyrus Johnson	Pt W 1/2 NW	SW	34	21	3	10	00	10	00	4	18	3	80			
Do.	N 1/2 NW, NE	SE	33	21	3	5	00	5	00	2	09	1	90	5	70	
										6	27					
Lora Pearson	SE	SE	33	21	3	40	00	40	00	282	37	256	70	256	70	

NAMES	DESCRIPTION OF LANDS	Section	Township	Range	Acres Assessed		Acres Benefited		Amount of Benefits		Am't of Assessment		Total Assessment	
					A	Hun	A	Hun	\$	Cts.	\$	Cts.	\$	Cts.
Albert Osborn	SW SE	33	21	3	40	00	40	00	471	24	428	40		
Do.	Pt NW SE	33	21	3	25	00	25	00	51	98	47	25		
Do.	Pt W 1/2 NE SE	33	21	3	15	00	15	00	31	19	28	35		
Do	Pt SE SW	33	21	3	20	00	20	00	277	20	252	00	756	00
									851	01				
W ^{ms} J. Boyer	Pt E 1/2 E 1/2 SW	5	20	3	10	00	10	00	20	79	18	90	18	90
Frank Hunt	Pt N. W 1/2 SW, SE	5	20	3	10	00	10	00	15	40	14	00	14	00
Joseph Rockey	Pt S 1/2 SE 1/4	5	20	3	30	00	30	00	62	37	56	70		
Do.	Pt SW SW	4	20	3	12	00	12	00	83	16	75	60		
Do.	NW SW	4	20	3	40	00	40	00	720	50	655	20		
Do.	NE SE	5	20	3	40	00	40	00	436	59	396	90		
Do.	NW SE	5	20	3	40	00	40	00	83	16	75	60	1260	00
									1385	78				
Rosa E Rockey	Pt NW, NW, SE	4	20	3	1	00	1	00	2	09	1	90	1	90
Ed Hattell	S 1/2 SE NE	5	20	3	20	00	20	00	277	20	252	00		
Do.	S 1/2 SW NE	5	20	3	20	00	10	00	20	79	18	90	270	90
									222	97				
Petta Lee	Pt NE NW SE	4	20	3	1	00	1	00	2	09	1	90	1	90
Adams Twp, Hamilton Co	Benefits to pub. Highway													
	1-N&S Between	4	20	3										
	1-E&W Thro Cent Sec.	4	20	3										
	1-N&S Between N 1/2	3	20	3										
	1-N&S Thro Cent N 1/2 Sec	3	20	3										
	Co Line E&W Between	4	20	3					304	92	277	28	277	20
		33	21	3										
Jefferson Twp, Tipton Co	Benefits to pub. Highway													
	1-N&S Between	33	21	3										
	Co Line E&W Between	4	20	3										
	Co Line E&W "	3	20	3					97	02	88	20	88	20
		34	21	3										

260900

Ar 177, No 1,

NAMES	DESCRIPTION OF LANDS	Section	Township	Range	Acres Assessed		Acres Benefited		Amount of Benefits		Am't of Assessment		Total Assessment		
					A	Hun	A	Hun	\$	Cts.	\$	Cts.	\$	Cts.	
Wm J Boyer	pt E 1/2 E 1/2 SW	5	20	3	10		10		82	50	75	00	75	00	
Frank Glunt	pt N. W 1/2 SW SE	5	20	3	10		10		61	88	56	25	56	25	
Ed Harrold	S 1/2 SW SE	5	20	3	20		10		82	50	75	00	75	00	
Joseph Rockey	NW SE	5	20	3	40		40		660	00	600	00			
Do.	pt NE SE	5	20	3	22		22		363	00	330	00			
Do.	pt S 1/2 SE	5	20	3	30		12		198	00	180	00			
									1321				1110	00	
													1316	25	
Total Amt of Benefits as adjusted by Court										\$ 9553.12					

STATE OF INDIANA)
HAMILTON COUNTY)

We the undersigned Viewers and Engineer to whom was referred the above entitled petition for report, after being duly sworn, upon Oath say that we have personally examined the whole line and route of said proposed Ditch, that the assessments herein made and reported are correct, just and equitable to all parties herein named as interested, that no other lands will be benefitted or injured by said proposed Drain, and that the above and foregoing report is true in substance and in fact as we verily believe.

Henry Gwin
.....
Viewer.

Marion Miller
.....
Viewer.

J. H. [unclear]
.....
Engineer.

Subscribed and Sworn to before me this 2nd day of
August..... 1924

O. R. Mann
.....
Clerk

No. 18202.

Hamilton Circuit Court

Re. Supplemental Petition
of Joseph Rockey et.al.
to extend and repair
John M. Endicott Drain.

Osborn

Geo. W. Osborn, Atty.

State of Indiana
Hamilton County ss:

Hamilton Circuit Court.

April Term, 1925.

Re Supplemental Petition of
Joseph Rockey et.al. to
extend and Repair John M. Endicott
Drain.

No. 18202.

Comes now the petitioners by counsel and comes also Edward Harrell by counsel and the remonstrance of said Edward Harrell is submitted to the court for trial, finding and decree and by agreement of the remonstrator and the petitioners the court finds that the amount of benefits to the lands of said Edward Harrell on the south half of the south east quarter of the north east quarter of Section 5, township 19 north, range 3 east is reduced seventy five dollars and from two hundred seventy seven dollars and twenty cents to two hundred two dollars and twenty cents and the amount of his assessment on said lands is reduced ~~xxx~~ seventy five dollars and from two hundred fifty two dollars (\$252.00) to one hundred seventy seven (\$177.00) and this amount of his assessment with all other assessments as in the report of the drainage Commissioners set forth should in all things be confirmed and approved and said proposed drain established.

It is therefore ordered and adjudged by the court that the said report be modified and that the assessment of the land of Edward Harrell be as follows: The south half of the south east quarter of the north east quarter of section 5, township 20 north, range 3 east shall be one hundred seventy seven dollars. (\$177.00).

It is therefore considered and adjudged by the court that the report of the drainage Commissioners herein be and the same is hereby confirmed; that the assessments made therein and that the assessment as hereinbefore modified be and the same are hereby approved, and the same are hereby made liens on the real estate described in said report as therein set out; that the ditch and drain therein described be and the same is hereby established.

The court further finds that the drain herein proposed should be consolidated with the drain heretofore ordered constructed by this court on the petition of Roy Hershman and the drainage commissioner hereinafter appointed is directed to release of record the liens heretofore recorded against the lands assessed for the construction of the proposed drain in the petition of Roy Hershman et.al.

It is further ordered and adjudged by the court that the construction of said ditch and drain and all work in connection therewith or necessary to the construction thereof, as provided in said report,

be and the same is hereby assigned and referred to J. E. Shannon

a competent engineer
~~surveyor~~ *and one of the* of Hamilton County and ex-officio drainage commissioner, *and his bond is fixed in the sum of ten thousand dollars.*

It is further considered and adjudged by the court that all costs be paid by said drainage commissioner _____

~~surveyor~~ as part of the costs and expenses of the construction of said ditch and drain.

Bond for
Construction
of the
J M Endicott
Drain

DITCH CONSTRUCTION BOND.

KNOW ALL MEN BY THESE PRESENTS:

R MF

That we *West Wood as principal and*
.....*County, Indiana* County, Indiana, acknowledge ourselves to be indebted and bound unto the State of I
Indiana, for the use of any person injured by any breach of the
condition hereof, in the penal sum of *Twelve Thousand*
Dollars, for the payment of which we jointly and severally
bind ourselves our heirs, assigns, executors and administrators
firmly by these presents.

(12,000)

CONDITIONED AS FOLLOWS. To Wit,

WHEREAS J. S. Shannon, as Superintendent of Construction
of a certain Ditch known as the *J. M. Cuddeback* Ditch,
in pursuance on the Drainage Laws has awarded to above bounded
West Wood the contract to construct said Drain.

AND WHEREAS the said *West Wood* has agreed to
construct said part of said ditch, according to the plans,
specifications and profile for said ditch within a specified
time, the contract for which is hereti attached.

Now if the said *West Wood* shall well and
faithfully construct the above mentioned ditch in all respects
according to the plans, specifications and profile, and th the
contract this day entered in to for said work, and shall pay
for all the labor and materials used in the performance of said
contract and shall pay all damages occasioned by the nonfulfill-
ment of his said contract, which may be recovered in any court
of competent jurisdiction, then this obligation shall be void,
otherwise to be and remain in full force and effect.

M. F. Hoorn (Seal)
Jumbo Telle Works (Seal)
By E. V. Peter Pres

Approved by me this *12th* day of *June* 192*5*

John Hancock

..... (SEAL) (SEAL)
..... (SEAL) (SEAL)
..... (SEAL) (SEAL)
..... (SEAL) (SEAL)

State of Indiana, County of Hamilton. SS;

Before me, *Notary Public* in and for said County *Jipton*
personally appeared *M. J. Hoover of Hamilton County and*
E. J. Bates President Jumbo Tile Works Inc. of Jipton Co.

and acknowledged the execution on the foregoing instrument for the uses and purposes therein mentioned.

Witness, My hand and *Notarial* Seal, this *23^d*
day of *June* A. D. 192*5*.

[Signature]
.....
Notary Public

My Commission expires *June 1* 192*5*.

Accepted and approved 192 .

.....
Supt. of Construction.

776

SPECIFICATIONS FOR THE REPAIR OF THE
J .M. ENDICOTT TILE DRAIN.

Date of Letting

Dec 28 1916 11 AM DST

(George Osborn, Attorney)

NOTICE TO CONTRACTORS

In The Matter of
The Petition of Roy
Hershman, et al
For Repair of J. M.
Endicott Drain

The undersigned Engineer will receive bids to furnish all material, labor and equipment for the repair of the J. W. Endicott tile ditch located near the county line 1½ miles West of Ekin, in Hamilton County, on the Roy Herstman farm. Requirements: 600 lineal ft. of 22" tile, 20 ft. 24" corrugated pipe and miscellaneous other work, as per specifications on file in the Surveyors office in Noblesville, Hamilton County, Indiana. Bids to be opened December 28, 1956, at 11:00 a.m. D. S. T., at the office of the Surveyor in the Court House, Noblesville, Indiana.

Each bid must be accompanied by a certified check for five per cent (5%) of the amount of bid to guarantee that the successful contractor will enter into a proper contract and furnish the required bond. The specifications are on file in the office of the undersigned.

The right is reserved to reject any and all bids.

Dated this 14th day of December 1956.

Roy D. Horney
Reg. Engineer

Notices to Contractors

Gilkey and Endicott Tile
Drains m, Dec, 17, 1956

J.J. Buckner, R.R. Elwood

Cones Bros, Thorntown, Ind

Howard Heavilin, Mulberry

Ind. Lock Jt, Lafayette

Krick-Kendall Decature

Bob Hodgins, Clarkshill, Ind

L. N. Vernon R, R, Clayton, Ind

Construction Digest

Specifications for the repair of the J. M. Endicott tile drain located in Adams Twp., Hamilton County, Indiana. $1\frac{1}{2}$ miles West of Eakin in the North Half of the Section 4, Twp. 20 North, Range 3 East.

Requirements: Take up old 22" tile and replace with new 22" tile, 600 feet more or less, 1 pc. 24" 20 ft. long corrugated pipe on end and through the headwall. Connect all arms to new ditch, repair headwall by lowering and widening spillway. At end of headwall there is a small tile coming in to ditch, repair and extend through Rip Rap with 20 ft. of 12" corrugated pipe. Use old concrete and broken tile for Rip Rap. Examine Bal. tile on both drains and repair. There are several holes that will require filling, also back of headwall, approximately 100 cu. yds. more or less.

The Contractor shall designate what type of Equipment he will use also previous experience.

All work to be done in a neat and workman like manner.

The Contractor to furnish all Labor, Material and Equipment to do a complete job.

All old tile buried shall be below plow depth.

The Ditch shall be dug 6" wider than the largest diameter of tile. Concrete, Shall and Clay tile will be acceptable if meeting A.S.T.M.'s specifications.

The Contractor shall state when he will start work and date of completion. The Contractor shall conform with all state laws pertaining to public works, by furnishing Bond, Public Liability and Property damage. All work shall be bid on a unit basis. 10", 12", 14", 16", 18", 22", complete in place, Fill per yd. in place, the 600 ft. 22" corrugated pipe and repair headwall, lump sum.

Roy D. Horney, Reg. Engineer

December 14, 1956

Make 3 copies

Specifications for the Repair of the J.M. Endicott tile drain ,

LOCATED, in Adams Tp. of Hamilton County Ind. 1 1/2 miles west of Ekin. in the North 1/2 of the section 4 , Tp.20N. R.,3 E.,

Requirments , Take up old 22 " tile and replace with new 22" tile 600.0 ft. more or less , 1 pc 24 " 20.0 long corrugated pipe on end and thro the headwall. Connect all arms to new ditch. , Repair Headwall by lowering ~~spilway~~ & widening spilway, At end of headwall there is a small tile coming in to ditch , repair and extend thro Rip Rap with 20' of 12" corrugated pipe, Use old concrete and broken tile for Rip Rap. Examine Bal. tile on both drains and repair. There are several holes that will require filling. also back of Headwall. approx 100 cu. yds. more or less.

All work to be done in a neat and workman like manner.

The Contractor to furnish all Labor Material and Equipment to do a complete job.

The Contractor shall designate what type of Equipment he will use also previous experience.

All old tile buried shall be below plow depth ,

The Ditch shall be dug 6" wider than the largest diameter of tile. Concrete , Shall and Clay tile will be acceptable if meeting A.S.T.M. s specifications.

The Contractor shall state when He will start work and date of Completion, The Contractor shall conform with all State Laws pertaining to Public works , By furnishing , Bond , Public Liability and Property Damage.

All work shall be bid on a unite basis, 10" , 12 " 14 " 16 " 18" 22" complete in place, Fill per. Yd. in place, The 600 ft. 22" with Corrugated pipe and repair Headwall, lump sum.

Order Rec

Roy D. Horney, Reg. Engineer

Requirements.

J.N. Endicott Tile.

600 ft.	22 "	Tile	@ 1.60	\$ 990.00
1 pc.	20.0'	24 "	Corg. Pipe	72.00
1 "	20.0'	12 "	" "	33.00

Miss'l.

Makeing tile connectio ns , Repairing Headwall, Rip Rap
 laying Tile and Backfilling , a complete job

850.00

~~19981945.00~~

Miss'l. Engineering

100.69

Geo Colomatty

?

Havl DIRT for Fill

115 9.01

500
~~*115*~~

2215.69
50

2265.69

J. D. Lindcott Title

NAMES	DESCRIPTION OF LANDS	Section	Township	Range	Acres Assessed		Acres Benefited		Amount of Benefits		Amount of Assessment		Total Assessment	
					A	Hun	A	Hun	\$	Cts.	\$	Cts.	\$	Cts.
Roy Hornbman			4	20	3	25					75.00			
	Pt E.	N.E.	4	20	3	40					120.00			
	Pt E.N.W.	N.W.	4	20	3	17					51.00			
	S.E.	N.E.	4	20	3	14					42.00			
	N.E.	N.E.	4	20	3	33					99.00			
	Pt. W.	N.W.	4	20	3	17.71					53.13			
	Pt W. N.W.	N.W.	4	20	3	13.67					56.01			
														496.14
Chester Baugh	N.E.	S.W.	4	20	3	39	50				118	50		
	S.W.	N.W.	4	20	3	33	45				100	35		
	Pt. S.E.	N.W.	4	20	3	36	00				108	00		
	Pt. S.W.	N.E.	4	20	3	17	00				51	00		
	S.W.	N.W.	4	20	3	6	55				19	85		
	E. S.E.	N.E.	4	20	3	18	35				55	05		
														452
Ed Harrel	1/2 S.E.	N.E.	5	20	3	20	00						60.00	
Franklin Rockey	N.E.	S.W.	4	20	3	40	00				120	00		
	Pt. S.E.	S.W.	4	20	3	18	00				54	00		
	Pt. S.W.	S.W.	4	20	3	6	00				18	00		
	Pt. S.E.	S.E.	5	20	3	40	00				120	00		
	Pt. S.W.	S.W.	5	20	3	40	00				120	00		432.00
Clarence Boyer	Pt E 1/2	S.W.	5	20	3	10	00							
Thresa Rockey														30.00
Mrs J. J. French	Pt. S 1/2	S.E.	5	20	3	30	00				90	00		
	S 1/2 S.W.	S.E.	5	20	3	10	00				30	00		
	Pt W 1/2	S.E.	5	20	3	10	00				30	00		150.00
Ralph Merrill	Pt. S.E.	S.W.	33	20	3	20	00						660.00	
Dottie Thurston	S.E.	S.E.	33	21	3	40	00						120.00	
Caborn Belie Merrill	S.E.	S.E.	33	21	3	40	00				120	00		
	S.E.	S.E.	33	21	3	25	00				75	00		195.00

1995.69

J.M. Endicott Title

NAMES	DESCRIPTION OF LANDS	Section	Township	Range	Acres Assessed		Acres Benefited		Amount of Benefits		Amount of Assessment		Total Assessment	
					A	Hun	A	Hun	\$	Cts.	\$	Cts.	\$	Cts.
Tipton Co .	Highway 33	33	34	21	3	E							1995.69	25.00
Hamilton Co	Highways between sec 3 & 4	20	3											25.00
														2045.69
	540 acres		Hamilton Co											
	125 "		Tipton Co.											