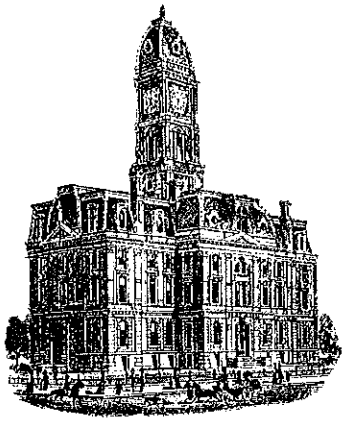
KCW



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, CFM
Surveyor of Hamilton County
Phone (317) 776-8495
Fax (317) 776-9628

Suite 188
One Hamilton County Square
Noblesville, Indiana 46060-2230

TO: Kent Ward

DATE: July 8, 2020

RE: J C Ringer Arm of the Elijah Jay Regulated Drain #359

ITEM: Drainage Investigation Request #2020-00297

Kent,

The Surveyors Office received a drainage investigation request on June 3, 2020 from Matt Viehe. Mr. Viehe is the tenant farmer for the property owned by Jeffery B. Moore, Michael T. Moore, and Daniel L. Moore, 1/3 int each. The property affected is parcel 01-05-03-00-00-019.000 in Section 3, Township 19, Range 3 of Adams Township. This parcel is located west of Six Points Road and north of SR-38.

Investigation revealed Four large holes on the 16" regulated drain tile and severe erosion across the field. The erosion is being created by surface water flows from the pipes under SR-38. The erosion has completely washed the soil away from the regulated drain and caused it to collapse. To repair the regulated drain in its current location would require extensive earth work, large amounts of fill dirt, several feet of tile, rip rap to dissipate flow velocity's, seeding and erosion control blankets. The original J. C. Ringer Drain was constructed in 1903 through petition to the Hamilton County Board of Commissioners.

Another option discussed on site with Mr. Viehe and the property owner Mr. Moore was installing a new tile slightly west of the existing tile and then vacating the old tile. The new tile would then become the regulated drain. The old tile would remain in place and become the property owners to maintain. The new tile would be an 18" smooth bore, dual wall tile with an animal guard, connecting to the existing tiles that cross under SR-38 and extending to the open ditch approximately 1,200 feet to the north east. Mr. Viehe is a tile installation contractor and

has quoted a price of $14.10 per lineal foot installed for the new tile. Mr. Viehe has a laser controlled trencher equipped to install this type material. The old tile would be capped just downstream of the eroded area and left in place to allow the existing lateral connections from the east to function. Tiles connecting to the old tile from the west would be connected to the new tile. The eroded area across the field would be the property owners to address. By the construction of a grass waterway.

The J C Ringer drain is an arm to the Elijah Jay regulated drain #359. The annual assessment for the drain is $17,743.94. The fund currently has a balance of $93,709.66. This drain has one outstanding work order for vegetation control at a cost of $500.00.

The estimated cost for the tile installation is as follows.

1200 lineal feet of 18" smooth bore tile @ $14.10 per ft.		$16,920.00
1 -18" animal guard installed		$ 100.00
15% contingency		$ 2,553.00
Total	=	$19,573.00

The contingency is to cover the connection of unknown tiles.

Sincerely,

Stephen Baitz

Drainage Inspector

Hamilton County Surveyors Office

J.C. Ringer Arm of Elijah Jay Drain #359

Vacate 1184' of 16" tile from Sta 26+33 to 38+17 and 8' of 18" tile from Sta 38+17 to 38+25 across Moore property.

Add 1200' of 18" tile in existing easement of vacated tile.

*Matt Viehe has quoted a price of $14.10 per lineal foot installed. The cost of the reconstruction to be paid from the Elijah Jay Drain fund.

*No change in current maintenance assessment to Elijah Jay Drain.

Hearing: August 24, 2020 (Per 07/13/20 minutes regarding the investigation.)

Parcel	Owner	Desc	Rate	Ben	Mnt Asmt	Rec Asmt	% of Acres
01-05-09-00-00-011.002	Bartlett, Teresa L	S9 T19 R3 2.00Ac	Residential/Ag	2.00	*	*	0.58%
01-05-10-00-00-001.006	Battenfield, Donald L	S10 T19 R3 7.83Ac	Residential/Ag	4.83	*	*	1.40%
01-05-10-00-00-001.007	Battenfield, Donald L	S10 T19 R3 16.86Ac	Residential/Ag	3.86	*	*	1.12%
01-05-09-00-00-008.000	Bell, John D Trust	S9 T19 R3 22.00Ac	Residential/Ag	5.00	*	*	1.45%
01-05-09-00-00-009.000	Bell, John D Trust	S9 T19 R3 13.75Ac	Residential/Ag	4.00	*	*	1.16%
01-05-03-00-00-018.001	Bennett, Bruce E & Vickie L	S3 T19 R3 1.77Ac	Residential/Ag	1.77	*	*	0.51%
01-05-03-00-00-018.000	Bennett, Bruce E & Vickie S	S3 T19 R3 1.71Ac	Residential/Ag	0.71	*	*	0.21%
01-05-03-00-00-017.001	Bennett, Bruce Edward	S3 T19 R3 20.65Ac	Residential/Ag	20.65	*	*	5.99%
01-05-03-00-00-017.002	Bennett, Bruce Edward	S3 T19 R3 4.82Ac	Residential/Ag	4.82	*	*	1.40%
01-05-03-00-00-017.000	Bennett, Harriett L & Angela Diane Frederick	S3 T19 R3 15.70Ac	Residential/Ag	7.63	*	*	2.21%
01-05-04-00-00-014.000	Bible Church ,The	S4 T19 R3 9.20Ac	Commercial	6.00	*	*	1.74%
01-05-04-00-00-010.000	Binder, Gregory K Trustee of Smith Real Estate Trust	S4 T19 R3 6.42Ac	Residential/Ag	5.00	*	*	1.45%
01-05-04-00-01-002.000	Brown, Raymond Lee & Marsha Ann	S4 T19 R3 0.85Ac	Residential/Ag	0.85	*	*	0.25%
01-05-04-00-01-003.000	Brown, Raymond Lee & Marsha Ann	S4 T19 R3 1.09Ac	Residential/Ag	1.09	*	*	0.32%
01-05-04-00-00-001.004	Bucksot, William B & Susan	S4 T19 R3 2.69Ac	Residential/Ag	2.69	*	*	0.78%
01-05-04-00-00-001.005	Bucksot, William B & Susan	S4 T19 R3 0.81Ac	Residential/Ag	0.81	*	*	0.24%
01-05-04-00-00-005.000	Burnell, Micheal L	S4 T19 R3 15.20Ac	Residential/Ag	7.00	*	*	2.03%
01-05-04-00-00-001.003	Bush, Larry Joe	S4 T19 R3 2.69Ac	Residential/Ag	1.50	*	*	0.44%
01-05-09-00-00-010.000	Cecil, Samuel J & Donna K	S9 T19 R3 3.90Ac	Residential/Ag	3.90	*	*	1.13%
01-05-04-00-00-004.000	Crain, Ladonna Jean	S4 T19 R3 1.61Ac	Residential/Ag	1.61	*	*	0.47%
01-05-04-00-00-001.002	Duchemin, Jon A & Deanna C	S4 T19 R3 2.69Ac	Residential/Ag	2.50	*	*	0.73%
01-05-04-00-01-009.004	Evans, Fred & Ardell	S4 T19 R3 Mc Vey'S Compton Road Lot 4	Residential/Ag	0.36	*	*	0.10%
01-05-04-00-01-005.000	Grider, Gary M & Carol L	S4 T19 R3 4.80Ac	Residential/Ag	2.80	*	*	0.81%
01-05-04-00-01-007.000	Grider, Gary M & Carol L	S4 T19 R3 0.80Ac	Residential/Ag	0.70	*	*	0.20%
99-99-99-99-99-999.001	Hamilton County Highway Department	S3/4 T19 R3, 226th & Monon Trl	Road	8.96	*	*	2.60%
01-05-04-00-00-021.000	Henderson, Coleman L & Sally A	S4 T19 R3 0.82Ac	Residential/Ag	0.82	*	*	0.24%
99-99-99-99-99-999.002	Indiana Department Of Transportation	S3/4/10 T19 R3, S.R. 38	Road	4.00	*	*	1.16%
01-05-04-00-00-022.000	J & S Flint Properties LLC	S4 T19 R3 0.18Ac	Residential/Ag	0.18	*	*	0.05%
01-05-09-00-00-012.000	J C Miller Farm Inc	S9 T19 R3 62.11Ac	Residential/Ag	4.06	*	*	1.18%
01-05-04-00-00-018.000	Johnson, Lonnie J & Lisia L	S4 T19 R3 0.85Ac	Residential/Ag	0.85	*	*	0.25%
01-05-04-00-00-001.000	Kilpatrick, Michael S & Renee	S4 T19 R3 5.50Ac	Residential/Ag	4.32	*	*	1.25%
01-05-04-00-00-001.007	Law Brothers Family Farms LLC	S4 T19 R3 14.64Ac	Residential/Ag	3.18	*	*	0.92%
01-05-09-00-00-011.103	Malott, James	S9 T19 R3 1.70Ac	Residential/Ag	1.70	*	*	0.49%
01-05-04-00-00-017.001	McComas, Michael W & Patricia A CoTrustees of Michael W McCom	S4 T19 R3 4.98Ac	Residential/Ag	4.98	*	*	1.45%
01-05-03-00-00-019.000	Moore, Jeffrey B, Michael T Moore & Daniel L Moore 1/3 int ec tc	S3 T19 R3 35.00Ac	Residential/Ag	13.00	*	*	3.77%
01-05-04-00-00-008.000	Moore, Thomas A & Sandra	S4 T19 R3 1.70Ac	Residential/Ag	1.20	*	*	0.35%
01-05-04-00-00-009.000	Moore, Thomas A & Sandra M	S4 T19 R3 0.88Ac	Residential/Ag	0.60	*	*	0.17%
01-05-10-00-00-001.001	Murray, Matt & Nina	S10 T19 R3 0.92Ac	Residential/Ag	0.92	*	*	0.27%
01-05-04-00-00-019.000	Neuenschwander, Marc A	S4 T19 R3 0.73Ac	Residential/Ag	0.73	*	*	0.21%
01-05-04-00-00-023.000	Ogle, C Dale & Patricia	S4 T19 R3 6.96Ac	Residential/Ag	6.96	*	*	2.02%
01-05-09-00-00-011.004	Orff, Mark & Carol	S9 T19 R3 4.00Ac	Residential/Ag	4.00	*	*	1.16%
01-05-09-00-00-011.003	Orff, Mark L	S9 T19 R3 4.71Ac	Residential/Ag	4.71	*	*	1.37%
01-05-09-00-00-011.005	Orff, Mark L	S9 T19 R3 18.79Ac	Residential/Ag	14.73	*	*	4.28%

Parcel	Owner	Desc	Rate	Ben	Mnt Asmt	Rec Asmt	% of Acres
01-05-04-00-00-011.000	Packard, Mark C	S4 T19 R3 1.29Ac	Residential/Ag	1.00	*	*	0.29%
01-05-04-00-00-011.001	Packard, Mark C	S4 T19 R3 3.15Ac	Residential/Ag	2.70	*	*	0.78%
01-05-04-00-00-020.000	Pickett, Eric B & Teresa A jtrs	S4 T19 R3 0.50Ac	Residential/Ag	0.50	*	*	0.15%
01-05-04-00-00-012.000	Pitz, Marilyn A & B Russell	S4 T19 R3 1.10Ac	Residential/Ag	1.10	*	*	0.32%
01-05-04-00-00-013.000	Pitz, Marilyn A & B Russell	S4 T19 R3 6.80Ac	Residential/Ag	5.00	*	*	1.45%
01-05-04-00-01-004.000	Ridge, Francis W & Renate R	S4 T19 R3 1.30Ac	Residential/Ag	1.30	*	*	0.38%
01-05-04-00-00-015.000	Ringer Farms Inc	S4 T19 R3 96.30Ac	Residential/Ag	6.00	*	*	1.74%
01-05-04-00-00-016.000	Ringer Farms Inc	S4 T19 R3 112.69Ac	Residential/Ag	94.63	*	*	27.47%
01-05-04-00-00-006.000	Robertson, Noble L & Janet H	S4 T19 R3 40.00Ac	Residential/Ag	1.00	*	*	0.29%
01-05-04-00-00-001.006	Roudebush, C Stephen	S4 T19 R3 16.91Ac	Residential/Ag	1.00	*	*	0.29%
01-05-10-00-00-001.002	Sheridan Six Points Wesleyan Church Inc	S10 T19 R3 4.20Ac	Residential/Ag	2.20	*	*	0.64%
01-05-09-00-00-011.001	Singleton, Danny B	S9 T19 R3 2.00Ac	Residential/Ag	2.00	*	*	0.58%
01-05-04-00-01-001.000	Stone, Billy W & Annette M	S4 T19 R3 19.30Ac	Residential/Ag	15.30	*	*	4.44%
01-05-04-00-01-009.005	Stone, Daniel E & Peggy L	S4 T19 R3 Mc Vey'S Compton Road Lot 5	Residential/Ag	0.54	*	*	0.16%
01-05-04-00-01-009.006	Stone, Daniel E & Peggy L	S4 T19 R3 Mc Vey'S Compton Road Lot 6	Residential/Ag	0.50	*	*	0.15%
01-05-04-00-00-002.000	Sutherland, Michael J & Loretta Jane Rev Living Trust	S4 T19 R3 2.15Ac	Residential/Ag	2.15	*	*	0.62%
01-05-04-00-01-008.000	Sutton, Adam & Jennifer h&w	S4 T19 R3 1.09Ac	Residential/Ag	0.69	*	*	0.20%
01-05-10-00-00-001.004	Trustees of Sheridan Wesleyan Church	S10 T19 R3 1.57Ac	Residential/Ag	1.37	*	*	0.40%
01-05-10-00-00-001.005	Trustees of Sheridan Wesleyan Church	S10 T19 R3 16.92Ac	Residential/Ag	1.42	*	*	0.41%
Matt Viehe	Viehe Crop Services	Courtesey Notice	Farmer	*	*	*	*
01-05-04-00-01-009.003	Welch, Gregory G & Beth	S4 T19 R3 Mc Vey'S Compton Road Lot 3	Residential/Ag	0.27	*	*	0.08%
01-05-04-00-00-016.001	Whaley, Arthur W & Laura A Weaver jtrs	S4 T19 R3 1.71Ac	Residential/Ag	1.71	*	*	0.50%
01-05-04-00-00-017.000	Whicker, Keith A, Gregory A, Deborah A Lambdin, Dougla	S4 T19 R3 12.06Ac	Residential/Ag	12.06	*	*	3.50%
01-05-04-00-00-024.000	Whicker, Keith A, Gregory A, Deborah A Lambdin, Dougla	S4 T19 R3 7.60Ac	Residential/Ag	4.60	*	*	1.34%
01-05-04-00-00-027.000	Whicker, Keith A, Gregory A, Deborah A Lambdin, Dougla	S4 T19 R3 31.50Ac	Residential/Ag	13.50	*	*	3.92%
Notices: 68				344.52			100.0%

STA 38+25
JC RINGER DRAIN
18" TILE
18"
16" TILE
Proposed location of New Tile
Approximate location of Existing Tile
16"
ADAMS
10" TILE
12" TILE
STA 28+85
STA 11+85 - ARM 1
38
1 ROW
6" TILE
STA 0
GEORGE STEPHENS #6
STA 5+15 - ARM 1
STA 4+95
STA 0+95
STA 0
ARM 1
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STA 18+25
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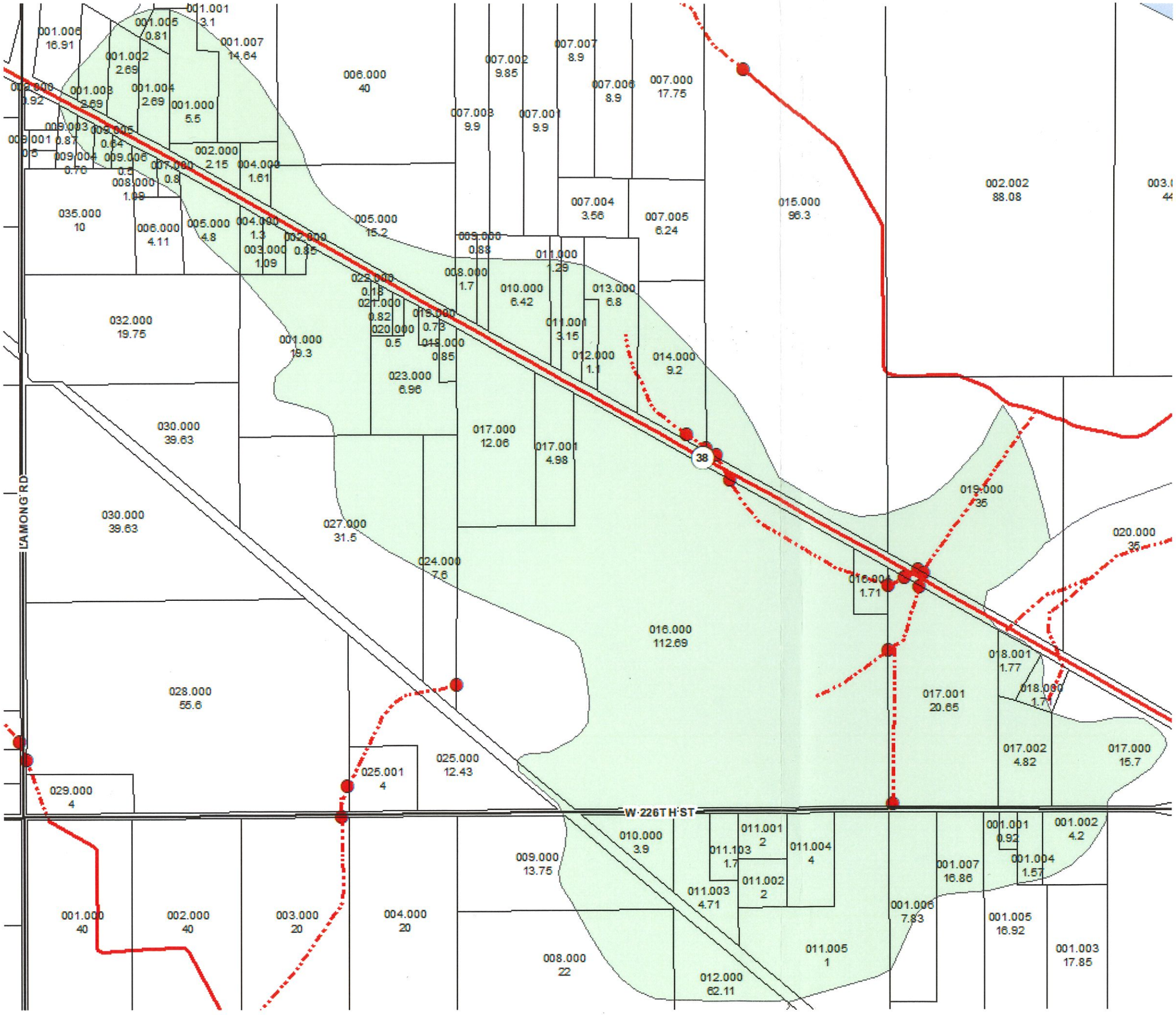
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