

AGENDA
REGULAR DRAINAGE MEETING
MARCH 27, 2019
12:00

1. Open Meeting
2. Approve Agenda
3. Approve Minutes
 - March 20, 2019 Regular Drainage Meeting
 - March 20, 2019 DD 148, 146 and 165 Bid Letting

Documents:

[3_20_2019 - DRAINAGE MINUTES.PDF](#)
[DD 148, 146 AND 165 BID LETTING 3_20_2019 - MINUTES.PDF](#)

4. Approve Claims For Payment
 - Pay Date of Friday, March 29, 2019

Documents:

[PAYABLES-DRAINAGE PUBLICATION.PDF](#)

5. Discuss, With Possible Action, IRUA's Utility Permits

Documents:

[8759 - REVIEW OF IRUA SECOND SUBMISSION.PDF](#)

6. DD 131 - Discuss, With Possible Action, Reclass LIDAR Investigation Results

Documents:

[DD 131 - AREA INVESTIGATION.PDF](#)
[6916.1 - AREA INVESTIGATION MAP.PDF](#)
[6916.1 - ADJUSTED LATERAL P3 CLASSIFICATION.PDF](#)
[6916.1 - ADJUSTED LATERAL P4 CLASSIFICATION.PDF](#)
[6916.1 - ADJUSTED MAIN RECLASSIFICATION.PDF](#)
[6916.1 - AREA INVESTIGATION MAP_2019_03_21.PDF](#)

7. DD 143 - Discuss, With Possible Action, Televising Of Tree Roots
8. DD 55-3 Lat 9 - Discuss, With Possible Action, Contractor Rates
9. DD H-H 3-110 - Approve 2019 Assessment

Documents:

[DD H-H 3-110 ASSESSMENT 2019.PDF](#)

10. Other Business

11. Adjourn Meeting

REGULAR DRAINAGE MEETING

3/20/2019 - Minutes

1. Open Meeting

Hardin County Drainage Districts Board of Trustees Chairperson, Renee McClellan, opened the meeting. Also present were Trustees, Lance Granzow and BJ Hoffman; Landowners, Tom Schutter, Aaron Matthews and Jeremiah Silvey; Lee Gallentine and Zeb Stanbrough with Clapsaddle-Garber Associates (CGA); Drainage Clerk, Tina Schlemme.

2. Approve Agenda

Granzow moved, Hoffman seconded to approve the agenda as presented. All ayes. Motion carried.

3. Approve Minutes

Hoffman moved, Granzow seconded to approve the minutes of the March 6, 2019 regular drainage meeting, the March 6, 2019 DD 167 public hearing, the March 6, 2019 DD 131 public hearing and the March 12, 2019 DD 143 landowner meeting. All ayes. Motion carried.

4. Discuss, With Possible Action, IRUA Proposal

Gallentine submitted a response to the IRUA proposal. Granzow moved, Hoffman seconded to table any action until next. All ayes. Motion carried.

5. DD 86 - Discuss, With Possible Action, Tree Removal

Schlemme updated the Trustees that she had mailed a final notice to Mr. Silvey regarding the large tree within 50 feet of the tile that needed to be removed yet and Silvey and Matthews were in attendance to discuss the matter. Matthews stated he is unsure why there are trees on the other side of the tile that are yet standing but his tree that doesn't appear to be a large root problem has to be removed. He added that Cargill has rerouted water with a recent project and now their land and neighbors are having a worse ponding problem and there is a lot of sand being deposited through the tile. He further added that the outlet structure on his property, which Gallentine clarified as being district property, is becoming washed out with the ponding problems.

After much discussion, Granzow moved, Hoffman seconded for CGA to conduct a visual observation of the area and to report back to the Trustees. CGA is to contact Silvey and Matthews to meet with them there. In addition to the ponding observation, they should also look at the trees along the route and prepare an inventory of any problem trees and also inspect the outlet structure that is being washed out. Once the information is received, the Trustees will hold an informational meeting with landowners to discuss the findings. All ayes. Motion carried.

6. DD 143 - Discuss, With Possible Action, Tree Project

The Trustees discussed how to move forward with the Radcliffe tree problem. Gallentine stated that he reviewed the minutes of the landowner meeting and suggested that they might want to seek legal counsel before separating any projects to keep under the \$50,000 threshold, as the Code of Iowa specifically states this cannot be done. Gallentine also added that he is unsure how you would know which trees belong to the roots shown in televising footage, as many trees may exist at that location. It was discussed that the exact number of root locations seen in the tile is unknown. Granzow moved, Hoffman seconded for Schlemme to review the reports to determine how many locations had tree roots and report back at the next regular meeting. It was added that if Schlemme has any difficulty or questions, she is to reach out to Gallentine for assistance. All ayes. Motion carried.

7. DD 56 - Discuss, With Possible Action, Legal Opinion Received

Schlemme presented the legal opinion submitted by Mike Richards with The Davis Brown Law Firm. Hoffman moved, Granzow seconded for Schlemme to ask Richards to be in attendance, via in person or teleconference, for the March 27, 2019 public hearing. All ayes. Motion carried.

8. Discuss, With Possible Action, Contractor Rates

Schlemme stated that she received the rates and certificate of liability insurance from Scott Thompson for the DD 55-3 Lat 9 waterway project. Gallentine questioned: 1) Are they considered in county or out of county due to the contractor living in Hardin County but the business is out of county. The Trustees agreed this would be considered out of county. 2) Are these rates applicable for the tile locate on the lat 9 project because Scott had said he would do it for free. The Trustees agreed Schlemme should reach out to Thompson for clarification. 3) It appears there is at least 1 mobilization fee of \$500 per job, but with the possibility of 3 separate fees of \$500. The Trustees agreed for Schlemme to reach out to Thompson for clarification and if Thompson's answer is yes, she should research other contractor's rates to see if that is a standard.

9. Other Business

DD 25 and DD 1 - Schlemme presented the Contractor's Qualification Statement for the recently bid contract. After discussion of some items, the Trustees agreed everything looked okay.

DD 131 - Gallentine stated that when researching the LIDAR for the three tracts questioned at the hearing, he became aware of a few other tracts that also flow a different direction. Hoffman moved, Granzow seconded for CGA to include the additional identified tract numbers 34, 27, 37 and 35 for the modified reclassification report to be discussed at the regular meeting next week. All ayes. Motion carried.

10. Adjourn Meeting

Granzow moved, Hoffman seconded to adjourn the meeting. All ayes. Motion carried.

DD 148, 146 AND 165 BID LETTING

3/20/2019 - Minutes

1. Open Meeting

Hardin County Drainage District Board of Trustees Chairperson, Renee McClellan, opened the meeting. Also present were Trustees, Lance Granzow and BJ Hoffman; Jory McDowell with McDowell & Sons; Rick Pederson and Travis Pederson with Pederson Excavating; Lee Gallentine and Zeb Stanbrough with Clapsaddle-Garber Associates (CGA); Drainage Clerk, Tina Schlemme.

2. Approve Agenda

Hoffman moved, Granzow seconded to approve the agenda as presented. All ayes. Motion carried.

3. Introductions/Attendance

Introductions were made and attendance verified.

4. Open Bids

Gallentine opened the bids in addition to verifying that the bid and bid bond were in order.

	McDowell & Sons	Pederson Excavating
DD 148 Base Bid	\$ 173,590.25	\$ 142,670.00
DD 148 Alt Bid	\$ 168,190.25	\$ 153,095.00
DD 148 Add Alt #1	\$ 1,000.00	\$ 2,000.00
DD 148 Add Alt #2	\$ 14,150.00	\$ 7,000.00
DD 146 Bid	\$ 10,240.00	\$ 5,870.00
DD 165 Bid	\$ 14,950.00	\$ 10,035.00

5. Possible Action

Hoffman moved, Granzow seconded for CGA to verify the math calculations and to also hold a landowners meeting on Wednesday, March 27, 2019 at 2:30 pm in the large conference room to discuss which options to move forward with. All ayes. Motion carried.

6. Other Business

None.

7. Adjourn Meeting

Hoffman moved, Granzow seconded to adjourn the meeting. All ayes. Motion carried.



Hardin County

Drainage Claims with Pay Date of 3/29/2019

Description	Vendor	Amount
DD 86 REPAIRS	Clapsaddle-Garber Assoc	2,676.35
DD 9 REPAIR	McDowell & Sons Contractors	1,945.08
DD 21 RECLASS 1/25-3/1	Clapsaddle-Garber Assoc	3,189.40
DD 25 BID LETTING 1/25-3/1	Clapsaddle-Garber Assoc	1,106.03
DD 52 LEGAL RE PIEL MANU	The Davis Brown Law Firm	120.00
DD 56 ENG RPT HRG PUBLICATION	Times Citizen	44.65
DD 146 PLANS 1/25-3/1	Clapsaddle-Garber Assoc	2,933.35
DD 148 WO 227 REPAIR	McDowell & Sons Contractors	1,853.78
DD 148 PLANS AND SPECS 1/25-3/7	Clapsaddle-Garber Assoc	15,446.02
DD 165 PLANS 1/25-3/1	Clapsaddle-Garber Assoc	2,753.95
DD 167 HRG PUBLICATION	Mid-America Publishing Corp	40.34
DD 167 HRG ATTENDANCE 1/4-3/14	Clapsaddle-Garber Assoc	388.10
DD H-S 35-1 INVESTIGATION TO 3/7	Clapsaddle-Garber Assoc	401.70

Total Regular Payables: 2,676.35
Total Stamped Warrants: 30,222.40

General Review Comments:

1. The coordinates provided do not identify if they are for the district tile, waterline, or waterline locates. Coordinates are needed for both district tile and waterline/waterline locates.
2. All of the sheets provided only show partial coordinates (i.e. X and Y) and don't show the elevation or Z coordinate.
3. Sizes and material of district tile at crossings should be identified. <Some still missing.>
4. The clearance between the waterline and the district tile needs to be specifically stated at each crossing. <Although some (not all) tile depths are stated, the clearance is not stated for any of the crossings.>
5. The clearance between the waterline and the flowline of the district open ditch needs to be specifically stated at each crossing.
6. Pictures of installation and on-site data gathered are provided in all of CGA's reports. I don't know if the District Trustees want these from IRUA also or not.
7. The engineering seal and signature only covers that the fact that the submittals were prepared by the engineer and nothing else. It does not cover or state that for each crossing, the crossing is in accordance with all permit requirements or states individual exceptions instead of general ones. <New submittal has engineering seal removed and there still is no stating that each crossing is in accordance with the permit requirements.>
8. What professional errors and omissions insurance coverage does IRUA maintain. I don't believe general liability covers professional negligence if submittals are incorrect.
9. ~~All district main open ditches are labeled as streams on the maps. They need to be corrected.~~
<Done.>
10. For permits that are requesting to be withdrawn, provide drawings to verify that waterlines are not in the same location as district facilities.
11. No photos were submitted of signage installed.

Specific Review Comments:

1. District 56 (permit 2017-1 and 2018-2) drawing (9-87-22) ~~appears to not be correct. Based on our survey shots, encasement for pipe being installed was over the district tile and not under.~~ <Done.> Also, when we were on-site the district tile had 1'± of soil and rock in it at broken location that was assumed to have washed in during the month that IRUA left tile open. This needs removed. Finally, based on our survey shots there is not 1' of clearance between top of repaired district tile and bottom of encasement.
2. District 152 (permit 2017-1 and 2018-2) drawing (16-87-22) showed that the waterline was bored under the tile. However, based on our site visits, entire site was disturbed, there was no boring equipment on-site, a trencher was on-site, no boring mud was present in the excavation, and the soil under the tile/above the waterline was very soft. Based on this, our assumption is that instead of using a boring machine, contractor excavated on each side of the tile and shoved the waterline through. <Wording has been changed to "installed" with no additional details of installation methods. The only method allowed by the permit without replacement of the tile is boring.>
3. District 56 (permit 2017-1 and 2018-2) drawing (9-87-22) appears to cross Lateral 22, but said crossing it is not shown. This is especially concerning since the Main tile of DD 56 was damaged during waterline construction.
4. District 14 (permit 2017-1) drawing (34-88-22) ~~appears to be missing a crossing of the Main at the intersection of Co Hwy D41 and Co Hwy S27.~~ <Crossing is now shown, but it indicates that tile was "DAMAGED REPAIRED WITH PVC". This type of repair is not allowed without a variance.>
5. Following district tiles identified as not found:
 - a. DD 11 Lat B (permit 2017-1 and 2018-6) at intersection of Co Hwy S27 and Prairie Ave.
 - b. ~~DD 20 Second Main tile (permit 2017-1) just west of the intersection of Co Hwy D41 and D Ave.~~ <Now shown.>
 - c. DD 11 Main (permit 2017-1 and 2018-6) at driveway for house at 402 Prairie Ave.
 - d. DD 11 Main and Laterals (permit 2017-1 and 2018-6) in Town of BuckeyeThese district tiles do exist and some have been located in the past. CGA can stake out the locations of some on DD 11 and DD 20. However, we were not contacted to do so.
6. The tile materials stated appear to be incorrect on the following (based on records from previous projects):
 - a. DD 143 Original Main (permit 2017-1 – Crossing 2) is not HDPE, but is concrete.
 - b. DD 143 Supplemental Main (permit 2017-1 – Crossing 1) is not HDPE, but is concrete.
 - c. DD 123 Original Main (permit 2017-1 – Crossing 2) is not HDPE, but is concrete.
 - d. DD 123 Supplemental Main (permit 2017-1 – Crossing 1) is not clay, but is HDPE.
 - e. DD 123 Supplemental Lateral 1 (permit 2018-2 – Crossing 3) is not clay, but is HDPE.
7. The tile sizes stated appear to be incorrect on the following (based on records from previous projects):
 - a. DD 56 Main (permit 2017-1) original tile was 28" and repair was 30".
 - b. DD 123 Original Main (permit 2017-1 – Crossing 2) is not 30", but is 36".
 - c. DD 123 Supplemental Lateral 1 (permit 2018-2 – Crossing 3) is not 14", but is 15".

8. The following crossings were not indicated as being installed below the tile per the permit requirements and would require a variance:
 - a. DD 31 Main (permit 2018-2 – Crossing 1) indicates water line was “trenched over”.
 - b. DD 14 Main (permit 2017-1 – Crossing 3) does not indicate if where water line was installed after tile was damaged.
 - c. DD 56 Main (permit 2011-1) indicates water line is “in encasement trenched over tile”.
9. Additional specific comments may be forth coming after information requested in General Review Comments is submitted.

From: Lee Gallentine <LGallentine@cgaconsultants.com>
Sent: Wednesday, March 13, 2019 2:57 PM
To: Tina Schlemme
Subject: DD 131 - Area Investigation
Attachments: 6916.1 - Area Investigation Map.pdf

Tina,

After last week's reclassification/classification hearing, we went ahead and started looking at the LIDAR investigation. It appears (per LIDAR) that several tracts (32, 34, 33, 28, 27, 37, and 35) on the northeast side of the drainage district have areas that need corrected. I know that not all of these tracts were mentioned at the hearing, so I am seeking the Trustees direction as to how they want to proceed with these additional tracts.

Could you please put this on next week's agenda?

Thanks,

Lee O. Gallentine, PLS & PE
Vice President

-
Clapsaddle-Garber Associates, Inc. (CGA)

739 Park Avenue
Ackley, Iowa 50601

Office: 641-847-3273

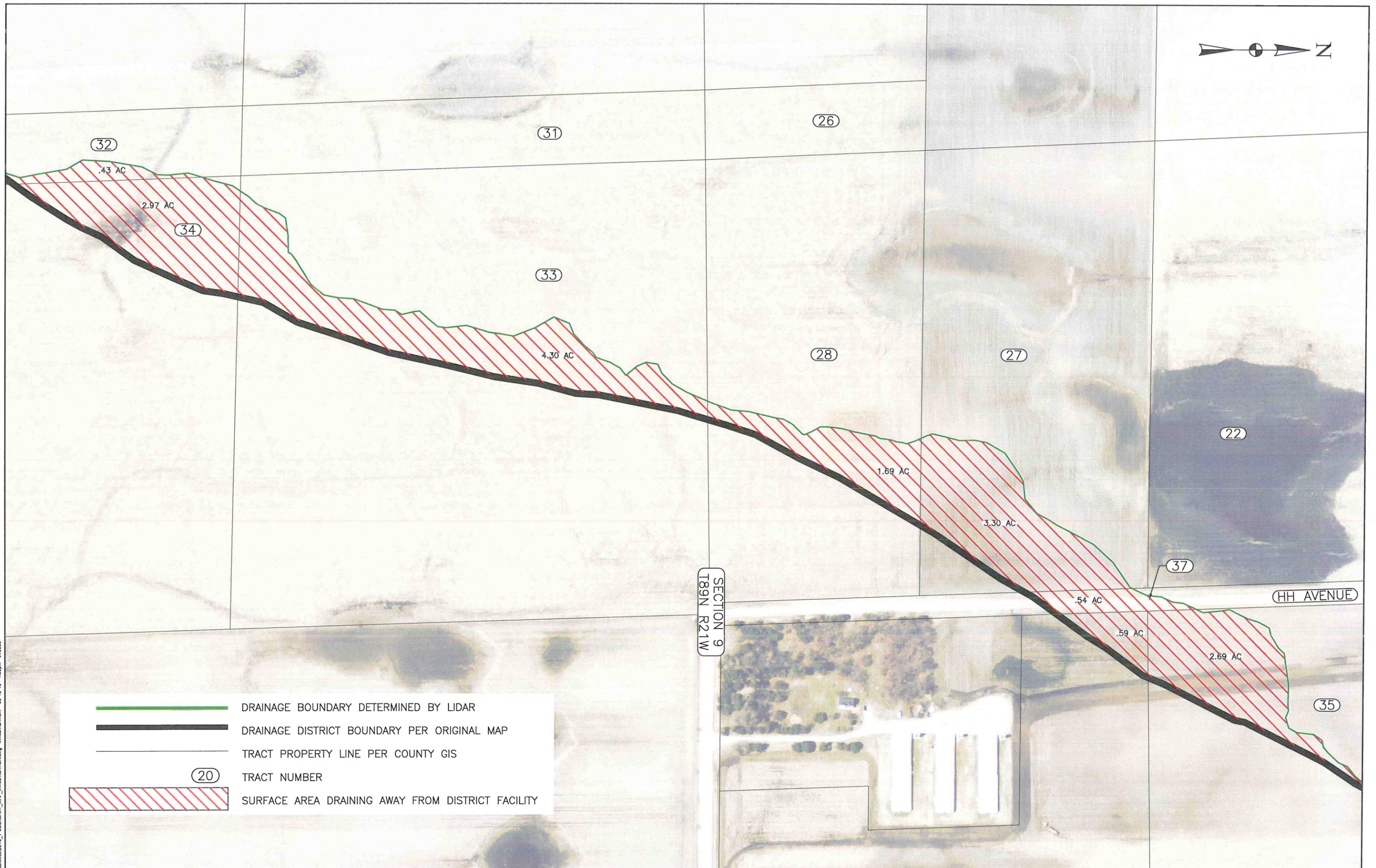
Mobile: 515-689-5339

lgallentine@cgaconsultants.com

www.cgaconsultants.com

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	DRAINAGE BOUNDARY DETERMINED BY LIDAR
	DRAINAGE DISTRICT BOUNDARY PER ORIGINAL MAP
	TRACT PROPERTY LINE PER COUNTY GIS
	TRACT NUMBER
	SURFACE AREA DRAINING AWAY FROM DISTRICT FACILITY



NO.	REVISION	BY	DATE	NO.	REVISION	BY	DATE

CGA Clapsaddle-Garber Associates, Inc.
 Toll Free (800) 542-7981
 www.cgaconsultants.com

DESIGNED: JVS DATE: ###
 DRAWN: JVS DATE: ###
 CHECKED: ZJS DATE: ###
 APPROVED: LOG DATE: ###

D.D. 131 RECLASSIFICATION
 HARDIN COUNTY, IOWA

DRAINAGE AREA INVESTIGATION

PROJECT NO.
6916.1
 SHEET NO.
1

P:\6916\1\CADD\Quantities\6916_1-BOUNDARY_MAP_INVESTIGATION.dwg - INVESTIGATION - 03-13-19 - 1:38pm - JVS333

Lateral P3

Tract	Taxing District	Parcel		Sec-Twp-Rng	Legal	Acres	% Benefit	Units Assessed	% Units Assessed	Percent of Levy	Assessment for Project (entire tract basis)	Assessment for Project (per acre basis)
1		892104300003	Jass, Lyle J Jass, Barbara A	4-89-21	SW SW	13.67	14.43%	197.22	1.813%	100	\$453.30	\$33.16
2		892104300004	Peterson, Dennis L Testamentary Trust	4-89-21	SE SW	3.00	33.52%	100.55	0.924%	100	\$231.10	\$77.03
22		892109100004	Fox Family Living Trust - 1/2 Biggs Family Trust - 1/2	9-89-21	NE NW	38.00	43.79%	1664.04	15.299%	100	\$3,824.71	\$100.65
23		892109100001	Fox Family Living Trust - 1/2 Biggs Family Trust - 1/2	9-89-21	NW NW	32.34	62.34%	2015.97	18.534%	100	\$4,633.62	\$143.28
24		892109100002	Duncan, Royle H Duncan, Jo A	9-89-21	N1/2 SW NW	13.01	90.66%	1179.45	10.844%	100	\$2,710.92	\$208.37
25		892109100003	Broer, Timothy L	9-89-21	S1/2 SW NW EX E200'	7.08	57.84%	409.51	3.765%	100	\$941.23	\$132.94
26		892109100007	Broer Weis, Anna C	9-89-21	E200' S1/2 SW NW	2.84	89.52%	254.24	2.337%	100	\$584.37	\$205.76
27		892109100005	Duncan, Royle H Duncan, Jo A	9-89-21	N1/2 SE NW	9.17	71.26%	653.50	6.008%	100	\$1,502.03	\$163.80
28		892109100006	Broer Weis, Anna C	9-89-21	S1/2 SE NW	6.84	48.26%	330.11	3.035%	100	\$758.74	\$110.93
29		892109300001	Broer, Timothy L	9-89-21	NW SW EX TRACT & EX E200'	14.41	63.88%	920.58	8.464%	100	\$2,115.90	\$146.84
30		892109300003	Broer, Timothy L	9-89-21	SW SW EX TRACT & EX E200'	16.59	87.16%	1445.91	13.293%	100	\$3,323.37	\$200.32
31		892109300006	Broer Weis, Anna C	9-89-21	E200' NW SW	5.93	69.17%	410.20	3.771%	100	\$942.82	\$158.99
32		892109300007	Broer Weis, Anna C	9-89-21	E200' SW SW	2.67	84.73%	226.23	2.080%	100	\$519.98	\$194.75
33		892109300004	Broer Weis, Anna C	9-89-21	NE SW	7.70	47.54%	366.02	3.365%	100	\$841.29	\$109.26
34		892109300005	Broer Weis, Anna C	9-89-21	SE SW	2.03	100.00%	203.00	1.866%	100	\$466.59	\$229.85
35		892109200001	Barhite, Steven C Barhite, Jo-Ann E	9-89-21	NW NE	7.31	7.18%	52.50	0.483%	100	\$120.67	\$16.51
36		892109300002	Jass, David Jass, Darcie	9-89-21	COM W1/4 COR S1274' BEG E414; N332' E355' S581.2' W342.6' N206' W414' N45' POB	2.46	28.36%	69.76	0.641%	100	\$160.34	\$65.18
37	12		Alden Township Roads			6.43	58.80%	378.10	3.476%	100	\$869.04	\$135.15
					Averages			604.27				\$135.15
					Totals	191.48			100.000%		\$25,000.00	



Lateral P4

Tract	Taxing District	Parcel		Sec-Twp-Rng	Legal	Acres	% Benefit	Units Assessed	% Units Assessed	Percent of Levy	Assessment for Project (entire tract basis)	Assessment for Project (per acre basis)
1		892104300003	Jass, Lyle J Jass, Barbara A	4-89-21	SW SW	0.15	10.49%	1.57	0.033%	100	\$4.98	\$33.17
2		892104300004	Peterson, Dennis L Testamentary Trust	4-89-21	SE SW	3.00	19.20%	57.61	1.214%	100	\$182.16	\$60.72
22		892109100004	Fox Family Living Trust - 1/2 Biggs Family Trust - 1/2	9-89-21	NE NW	34.98	85.16%	2978.95	62.795%	100	\$9,419.24	\$269.27
27		892109100005	Duncan, Royle H Duncan, Jo A	9-89-21	N1/2 SE NW	8.25	100.00%	825.00	17.391%	100	\$2,608.60	\$316.19
28		892109100006	Broer Weis, Anna C	9-89-21	S1/2 SE NW	5.52	54.55%	301.12	6.348%	100	\$952.14	\$172.49
33		892109300004	Broer Weis, Anna C	9-89-21	NE SW	0.27	13.93%	3.76	0.079%	100	\$11.89	\$44.05
35		892109200001	Barhite, Steven C Barhite, Jo-Ann E	9-89-21	NW NE	7.31	49.69%	363.25	7.657%	100	\$1,148.58	\$157.12
37	12		Alden Township Roads			4.47	47.58%	212.66	4.483%	100	\$672.43	\$150.43
					Averages			592.99				\$150.43
					Totals	63.95			100.000%		\$15,000.00	



Main Tile

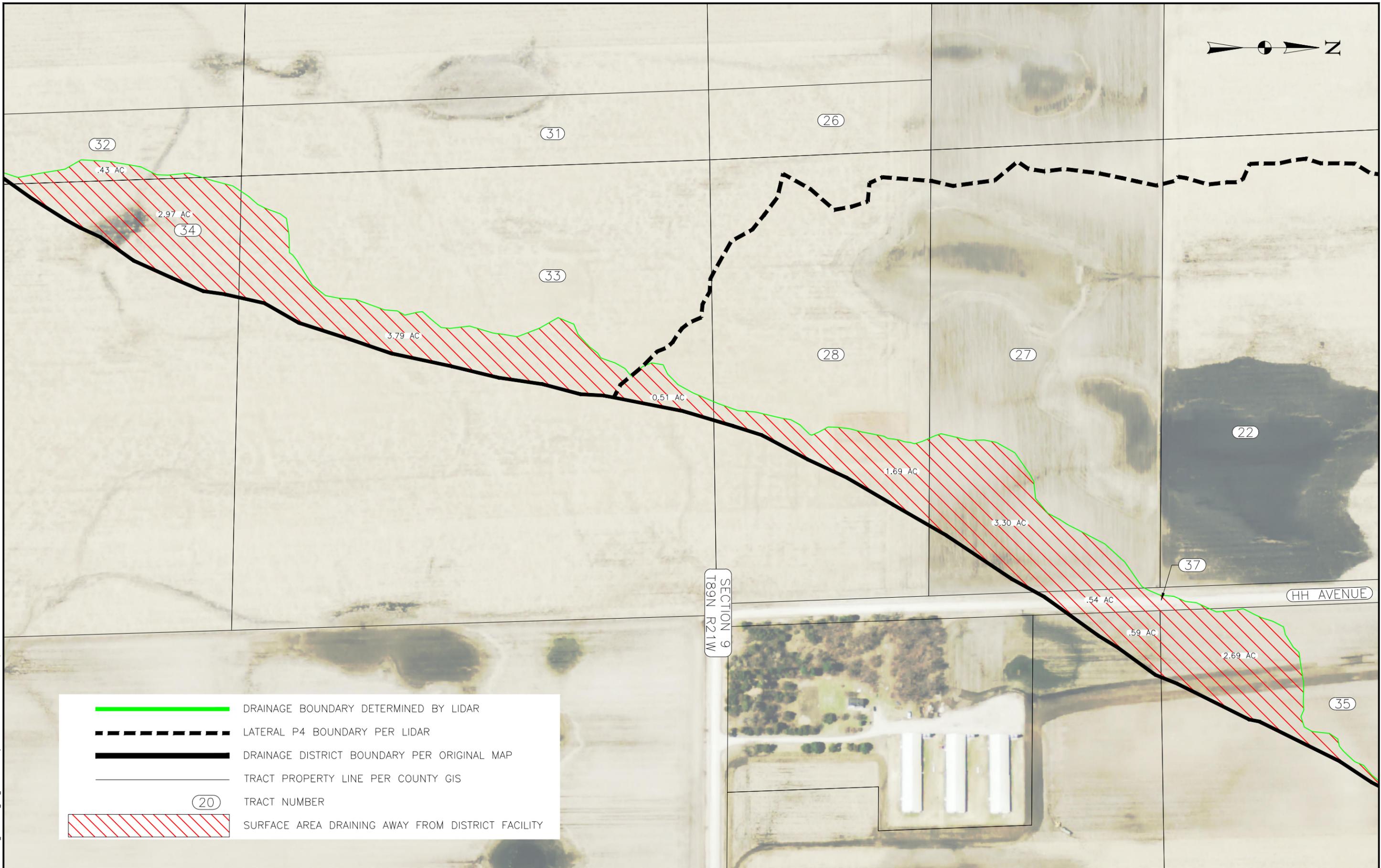
Tract	Taxing District	Parcel	Sec-Twp-Rng	Legal	Acres	% Benefit	Units Assessed	% Units Assessed	Percent of Levy	Assessment for Project (entire tract basis)	Assessment for Project (per acre basis)
1		892104300003	4-89-21	Jass, Lyle J Jass, Barbara A SW SW	15.00	14.47%	217.00	0.571%	100	\$285.58	\$19.04
2		892104300004	4-89-21	Peterson, Dennis L Testamentary Trust SE SW	3.00	25.34%	76.03	0.200%	100	\$100.06	\$33.35
3		892105400004	5-89-21	Cleveland, Darlene K - Trust SE SE	5.00	12.34%	61.71	0.162%	100	\$81.21	\$16.24
4		892105400003	5-89-21	Cleveland, Darlene K - Trust SW SE	10.00	14.22%	142.16	0.374%	100	\$187.09	\$18.71
5		892108400006	8-89-21	Heinzeroth, Jeffrey Heinzeroth, Frances - Trust SE SE	38.00	88.75%	3372.63	8.877%	100	\$4,438.57	\$116.80
6		892108200004	8-89-21	Disney, Marilyn J SE NE	39.00	67.27%	2623.63	6.906%	100	\$3,452.84	\$88.53
7		892108400003	8-89-21	Heinzeroth, Jeffrey Heinzeroth, Frances - Trust NE SE	39.00	81.55%	3180.55	8.372%	100	\$4,185.78	\$107.33
8		892108200002	8-89-21	Disney, Marilyn J NE NE	35	31.53%	1103.66	2.905%	100	\$1,452.47	\$41.50
9		892108200001	8-89-21	Tripp, Norma J - 1/2 Stotts, Michelle L - 1/2 NW NE	30.00	29.62%	888.65	2.339%	100	\$1,169.52	\$38.98
10		892108200003	8-89-21	Tripp, Norma J - 1/2 Stotts, Michelle L - 1/2 SW NE	13.00	59.95%	779.34	2.051%	100	\$1,025.66	\$78.90
11		892108400005	8-89-21	Heinzeroth, Jeffrey Heinzeroth, Frances - Trust E1/2 SW SE	10.00	40.37%	403.70	1.063%	100	\$531.29	\$53.13
12		892108400002	8-89-21	Heinzeroth, Jeffrey Heinzeroth, Frances - Trust E1/2 NW SE	7.00	63.53%	444.73	1.171%	100	\$585.30	\$83.61
13		892116100001	16-89-21	Hamilton, Robert T, Inc NW NW	15.00	75.07%	1125.98	2.964%	100	\$1,481.85	\$98.79
14		892116100003	16-89-21	Hamilton, Robert T, Inc SW NW	3.00	35.59%	106.77	0.281%	100	\$140.52	\$46.84
15		892117400007	17-89-21	Beasley Farms, Inc NE SE	36.00	75.33%	2711.74	7.138%	100	\$3,568.80	\$99.13
16		892117200005	17-89-21	Beasley Farms, Inc SE NE	38.00	72.55%	2756.99	7.257%	100	\$3,628.35	\$95.48
17		892117200004	17-89-21	Dunning, Thomas and Jane Trust NE NE EX PARCEL A	34.85	85.80%	2990.22	7.871%	100	\$3,935.29	\$112.92
18		892117200002	17-89-21	Huebner, Gregory W SW NE	15.00	44.81%	672.20	1.769%	100	\$884.66	\$58.98
19		892117200001	17-89-21	Dunning, Thomas and Jane Trust NW NE	13.00	49.44%	642.71	1.692%	100	\$845.84	\$65.06
20		892117400001	17-89-21	Martin Marietta Aggregates, Inc NW SE	3.00	54.68%	164.03	0.432%	100	\$215.87	\$71.96



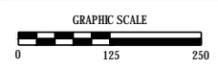
Main Tile

Tract	Taxing District	Parcel		Sec-Twp-Rng	Legal	Acres	% Benefit	Units Assessed	% Units Assessed	Percent of Levy	Assessment for Project (entire tract basis)	Assessment for Project (per acre basis)
21		892117200003	Dunning, Thomas and Jane Trust	17-89-21	PARCEL A IN NE NE (BEG NE COR S363' W600'N363'E600' POB)	4.15	73.82%	306.34	0.806%	100	\$403.16	\$97.15
22		892109100004	Fox Family Living Trust - 1/2 Biggs Family Trust - 1/2	9-89-21	NE NW	38.00	31.88%	1211.50	3.189%	100	\$1,594.40	\$41.96
23		892109100001	Fox Family Living Trust - 1/2 Biggs Family Trust - 1/2	9-89-21	NW NW	38.00	37.21%	1413.83	3.721%	100	\$1,860.68	\$48.97
24		892109100002	Duncan, Royle H Duncan, Jo A	9-89-21	N1/2 SW NW	19.70	54.17%	1067.17	2.809%	100	\$1,404.45	\$71.29
25		892109100003	Broer, Timothy L	9-89-21	S1/2 SW NW EX E200'	16.46	54.20%	892.19	2.348%	100	\$1,174.17	\$71.34
26		892109100007	Broer Weis, Anna C	9-89-21	E200' S1/2 SW NW	2.84	64.35%	182.76	0.481%	100	\$240.52	\$84.69
27		892109100005	Duncan, Royle H Duncan, Jo A	9-89-21	N1/2 SE NW	9.17	49.97%	458.23	1.206%	100	\$603.05	\$65.76
28		892109100006	Broer Weis, Anna C	9-89-21	S1/2 SE NW	6.84	37.02%	253.23	0.667%	100	\$333.27	\$48.72
29		892109300001	Broer, Timothy L	9-89-21	NW SW EX TRACT & EX E200'	29.16	78.13%	2278.22	5.997%	100	\$2,998.27	\$102.82
30		892109300003	Broer, Timothy L	9-89-21	SW SW EX TRACT & EX E200'	25.76	100.00%	2576.00	6.780%	100	\$3,390.16	\$131.61
31		892109300006	Broer Weis, Anna C	9-89-21	E200' NW SW	5.93	60.75%	360.24	0.948%	100	\$474.10	\$79.95
32		892109300007	Broer Weis, Anna C	9-89-21	E200' SW SW	2.67	85.66%	228.71	0.602%	100	\$301.00	\$112.73
33		892109300004	Broer Weis, Anna C	9-89-21	NE SW	7.70	43.43%	334.41	0.880%	100	\$440.11	\$57.16
34		892109300005	Broer Weis, Anna C	9-89-21	SE SW	2.03	99.80%	202.60	0.533%	100	\$266.63	\$131.34
35		892109200001	Barhite, Steven C Barhite, Jo-Ann E	9-89-21	NW NE	7.31	17.43%	127.39	0.335%	100	\$167.66	\$22.94
36		892109300002	Jass, David Jass, Darcie	9-89-21	COM W1/4 COR S1274' BEG E414; N332' E355 ' S581.2' W342.6' N206' W414' N45' POB	5.05	49.37%	249.34	0.656%	100	\$328.14	\$64.98
37		12	Alden Township Roads			25.46	54.43%	1385.74	3.647%	100	\$1,823.71	\$71.63
					Averages			1026.82				\$71.63
					Totals	648.08			100.0%		\$50,000.00	





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NO.	REVISION	BY	DATE	NO.	REVISION	BY	DATE

CGA Clapsdille-Garber Associates, Inc.
 Toll Free (800) 542-7981
 www.cgacconsultants.com

DESIGNED: JVS DATE: ####
 DRAWN: JVS DATE: ####
 CHECKED: ZJS DATE: ####
 APPROVED: LDG DATE: ####

D.D. 131 RECLASSIFICATION
 HARDIN COUNTY, IOWA

DRAINAGE AREA INVESTIGATION

PROJECT NO. 6916.1
 SHEET NO. 1

Joint Drainage Districts with **Hardin County** to be assessed 2019

DD#	HAMILTON CONTROL	OUTSTANDING	INTEREST	ADMIN FEE	EXTRA FUTURE	\$ NEEDED	% LEVIED	Hardin County	Hamilton County	\$ LEVIED	Waivers
110	Hurd Jt-Hardin #3 Lat 2 (Ham Co Only)	\$ 2,532.16	\$218.68	\$25.00	\$2,000.00	\$4,775.84	5.5%		\$5,225.00	\$5,225.00	10

Hamilton County Supervisors

Approved Date: _____

Doug Bailey _____

Dan Campidilli _____

Rick Young _____

Hardin County Supervisors

Approved Date: _____

Lance Granzow _____

BJ Hoffman _____

Renee McClellan _____