



**JACOBSON-WESTERGARD
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"Bettering Iowa since 1970"

July 2, 2026

Board of Supervisors
Kossuth County Courthouse
114 W. State Street
Algona, IA 50511

Board of Supervisors
Palo Alto County Courthouse
1010 Broadway Street
Emmetsburg, IA 50536

Re: Completion Report
Joint Drainage District No. 1 Main Open Ditch Repairs
Palo Alto and Kossuth County, Iowa
JWA PROJECT NO: E23114

Dear Board Members and Landowners:

In accordance with Iowa Code 468.101, the work under the contract with Reutzel Excavating, Inc. of Burt, Iowa has been satisfactorily completed and we certify that the contract is completed. We ask that the Board schedule a completion hearing, that notice be mailed to the owners of the land on which the work was done, and that notice be published in the newspaper. By code, the completion hearing must be at least 10 days after the latter of the dates when the notices are mailed and published.

The work completed included repairs to the severe damage sites along the ditch, as well as repairs to damaged pipes. The majority of these damages were sustained during the May 2023 flood event. We do expect that over time some of the sites that were damaged but not repaired will worsen to the point that repairs will become necessary. The Main Open Ditch should be monitored moving forward with the expectation that additional and ongoing repairs will be needed.

Bids for this project were tabulated on September 30, 2025. The contract was awarded to the low bid submitted by Reutzel Excavating, Inc. in the amount of \$440,802.75 (as compared to our engineer's estimate of \$511,000). Assuming the final change order is approved, the final contract amount will be **\$487,364.17**. We note that a surface drain in the road right-of-way has been billed to Palo Alto County Secondary Roads (\$2,700.00). During the course of work, we found several damage locations that had either worsened significantly over the last few years or had new damages that needed to be addressed. As those sites needed repaired regardless, it was more economically efficient to include it under this contract with competitively bid unit prices and contractor mobilization already included.

The completion deadline set in the contract was November 6, 2026. The contractor completed the work in advance of this date, therefore no liquidated damages are eligible.

The contractor has been paid, or is in the process of being paid, for all but 10% of the contract (retainage, as required by Iowa Code), which is eligible for payment a minimum of 30 days after the acceptance of the work. The 1-year warranty period also begins upon the acceptance of the work by the Board at the completion hearing.

Crop Damages:

Damages occurred to lands and crops within the work area of this project. Over half of the riprap was able to be delivered during winter months with frozen ground conditions which helped to limit crop damages. The extents of crop damage were surveyed with GPS survey equipment. Although we did our best to document all

the damages, as the ditch is long (~30 miles) and the repair sites are spread out, it is possible we missed some damages. Please review the enclosed maps and table and let us know if any damages were been missed so we can address them prior to, or during, the completion hearing. Damages include crop destroyed in 2026 as part of the project, totaling just over 15 acres. These damages are recommended to be reimbursed to the affected landowners as part of the project as follows:

Corn:

\$926.10 / acre based on the 5-year Kossuth County average corn yield of 210 bushels / acre at the 2026 average closing price of \$4.41 / bushel. For organic corn, \$2,420 / acre based on a market price of \$12 / bushel and 210 bushels / acre.

Soybeans:

\$686.34 / acre based on the 5-year Kossuth County average soybean yield of 62 bushels / acre at the 2026 average closing price of \$11.07 / bushel.

Grass Buffer:

\$500 / acre. For a large contiguous area, restoring the area would be less than \$500 / acre, however due to the scattered and piecemeal small damage areas for this project the efficiencies and economies of scale are lost.

Oats:

\$297.50 / acre based on a yield of 85 bushels / acre at \$3.50 / bushel.

Alfalfa:

\$700 / acre. For damaged areas of established alfalfa, due to autotoxicity reseeding to alfalfa would likely be unsuccessful. As the total area lost is small, efficiencies of scale are lost. Also, there are compaction damages in some areas.

Rent:

\$277 / acre based on the Iowa State Extension 2026 Cash Rental Rates Survey. This applies to areas that were not planted due to the project (no crops were destroyed).

We recommend a total of **\$7,634.65** in damage compensation, see the enclosed table. Compensation will be made in the form of a drainage warrant, which will accrue interest at a rate set by the Board of Supervisors.

We acknowledge there may be additional damages not described in this report. For any additional damages, we recommend you file a claim in the Kossuth or Palo Alto County Auditor's office in advance of the project completion hearing.

Sincerely,

JACOBSON-WESTERGARD & ASSOCIATES, INC.



Collin J. Klingbeil, PE

Encl: Recommended Damage Compensation Table
Damage Maps

Recommended Crop Damage Reimbursement for JDD1 PAK Main Open Ditch Repairs
Palo Alto and Kossuth County, Iowa

Inputs	Corn	Beans	Oats	Units	Alfalfa	Grass/Buffer
Yield	210	62	85	bushels/acre	N/A	
Price	\$4.41	11.07	3.50	\$ / bushel		
Damage	\$926.10	\$686.34	\$297.50	\$/acre	\$700.00	\$500.00
Organic corn priced at \$12/bu and \$2,420 per acre damaged. Rent priced at \$277 / acre.						
Landowner Name	Parcel ID	S-T-R	Legal Description	2026 Crop (Type)	2026 Crop Destroyed (ac)	2026 Crop Damage
Banwart, Alfred Lee & Carolyn J Rev Trust	2132400001	32-95-30	NW SE	Grass	0.68	\$340.00
	2132400003	32-95-30	SW SE	Grass	0.35	\$175.00
Total Damage						\$515.00
Berninghaus, Duane &, Berninghaus, Sheree - 1/2 Int	2509300011	9-94-30	PARCEL 4 LOC IN NW/4 & NE SW AS DESC BY SURVEY DOC#2015/3815	Rent	1.02	\$282.54
Bonnstetter, James & Bonnstetter, Angela	2129300005	29-95-30	SE SW	Grass	0.24	\$120.00
Bradley, Walter M Trust 97.5% Int, Karlen Family Trust 2.5% Int	2515300003	15-94-30	SW SW	Grass	0.14	\$70.00
BT Financial LLC	2104100010	4-95-30	N1/2 OF FOLLOWING TR ACT: E1/2 OF NW1/4 LYING E OF CREEK & NE SW	Organic Corn	0.05	\$121.00
				Grass	0.26	\$130.00
				Alfalfa	0.21	\$147.00
	2104300007	4-95-30	S1/2 OF FOLLOWING TR ACT: E1/2 OF NW1/4 LYING E OF CREEK & NE SW	Alfalfa	0.24	\$168.00
Total Damage						\$566.00
Century Acres, L L C	1721200003	21-96-30	SW NE	Grass	0.01	\$5.00
Chrischilles, Eugene R etal	1332300004	32-97-30	SW SW	Grass	0.03	\$15.00
Clark, Kenneth M	2104300008	4-95-30	PARCEL 2 LOC IN W1/2 SW1/4 AS DESC BY SURVEY DOC#2018/569	Oats	0.15	\$44.63

Inputs	Corn	Beans	Oats	Units	Alfalfa	Grass/Buffer
Yield	210	62	85	bushels/acre	N/A	
Price	\$4.41	11.07	3.50	\$ / bushel		
Damage	\$926.10	\$686.34	\$297.50	\$/acre	\$700.00	\$500.00
Organic corn priced at \$12/bu and \$2,420 per acre damaged. Rent priced at \$277 / acre.						
Landowner Name	Parcel ID	S-T-R	Legal Description	2026 Crop	2026 Crop Destroyed (ac)	2026 Crop Damage
				(Type)		
Dahlhauser, Quinn	2108200012	8-95-30	PARCEL 2 LOC IN NE AS DESC BY SURVEY DOC #2004-2636	Grass	0.27	\$135.00
	2109100013	9-95-30	NW NW EX PARCEL 5 AS RECRD BY SURVEY DOC #2004-2636	Grass	0.09	\$45.00
Total Damage						\$180.00
Garman Family Limited Partnership	1716300004	16-96-30	SE SW	Grass	0.02	\$10.00
Gerber, Manuel L Rev Trust	2132200001	32-95-30	NW NE	Grass	0.17	\$85.00
	2132200003	32-95-30	SW NE	Grass	0.35	\$175.00
Total Damage						\$260.00
Girres, Richard A & Girres, Linda K Trust	2516200001	16-94-30	NW NE	Grass	0.01	\$5.00
Gross, Alan & Sherry Revocable Living Trust	1705400006	5-96-30	SE SE	Soybeans	0.43	\$295.13
				Grass	0.02	\$10.00
Total Damage						\$305.13
Haag Family Farms, LLLP	2132100002	32-95-30	NE NW	Grass	0.22	\$110.00
Helleseth, Bruce J	2509400003	9-94-30	SW SE	Grass	0.42	\$210.00
Kollasch Land & Livestock Inc	2104100014	4-95-30	SW NW EX PART OF PARCEL 6 AS DESC BY SURVEY DOC#2017/1522	Grass	0.5	\$250.00
Kollasch, Judith A, Kollasch, Ronald J	2117200005	17-95-30	NW NE EX TR OF LAND DESC BY SURVEY RECORDED IN LP BK 8 PG 437	Soybeans	0.19	\$130.40
	2117200005	17-95-30		Grass	0.03	\$15.00
Total Damage						\$145.40

Inputs	Corn	Beans	Oats	Units	Alfalfa	Grass/Buffer
Yield	210	62	85	bushels/acre	N/A	
Price	\$4.41	11.07	3.50	\$ / bushel		
Damage	\$926.10	\$686.34	\$297.50	\$/acre	\$700.00	\$500.00
Organic corn priced at \$12/bu and \$2,420 per acre damaged. Rent priced at \$277 / acre.						
Landowner Name	Parcel ID	S-T-R	Legal Description	2026 Crop	2026 Crop Destroyed (ac)	2026 Crop Damage
				(Type)		
Lindgren Farms, Bill & Ruth	1733300004	33-96-30	E 1/2 SW 1/4 LYING N & W OF DD 33 96 30	Grass	0.11	\$55.00
	1733300008	33-96-30	SW SW EX TO ST OF IA	Grass	0.02	\$10.00
				Corn	0.13	\$120.39
	2132300005	32-95-30	SE SW EX S 17.5A	Rent	0.38	\$105.26
	2132300006	32-95-30	S 17.5A SE SW	Grass	0.22	\$110.00
				Rent	0.94	\$260.38
Total Damage						\$661.03
Marso, Gerald M, Marso, Kay A	1709300001	9-96-30	NW SW	Soybeans	0.37	\$253.95
	1709300003	9-96-30	SW SW	Soybeans	0.31	\$212.77
Total Damage						\$466.72
Mertz Bros, A Partnership, Mertz, David B & Peter J	2536200008	36-94-30	E 5/8 OF N1/2 NE1/4 EX TRACT 1 AS DESC BY SURVEY LP BK 6 PG 182-183	Grass	0.02	\$10.00
Meyer, Anthony Richard, Meyer, Laura Beth	2117400001	17-95-30	NW SE S & W OF DITCH	Grass	0.38	\$190.00
	2117400004		SW SE S & W OF DITCH	Grass	0.07	\$35.00
	2117400006		SE SE N & E OF DITCH	Grass	0.35	\$175.00
Total Damage						\$400.00
Mogler, Arthur R Rev Tst - 1/2 Int, Mogler, Eula M Rev Tst - 1/2 Int	2108400002	8-95-30	NW SE E OF DR	Grass	0.13	\$65.00
	2108400007	8-95-30	SW SE E OF DR	Grass	0.07	\$35.00
Total Damage						\$100.00
Montag, James & Montag, Coreen Trust - 3/7 Int, Montag, James A Enterprises Inc. 4/7 Int	2120400005	20-95-30	SE SE	Grass	0.08	\$40.00
				Corn	0.72	\$666.79
	2120400002	20-95-30	NE SE	Corn	0.77	\$713.10
Total Damage						\$1,419.89
Reding, Clair &, Reding, Eileen Trust	2522200004	22-94-30	SE NE	Grass	0.24	\$120.00

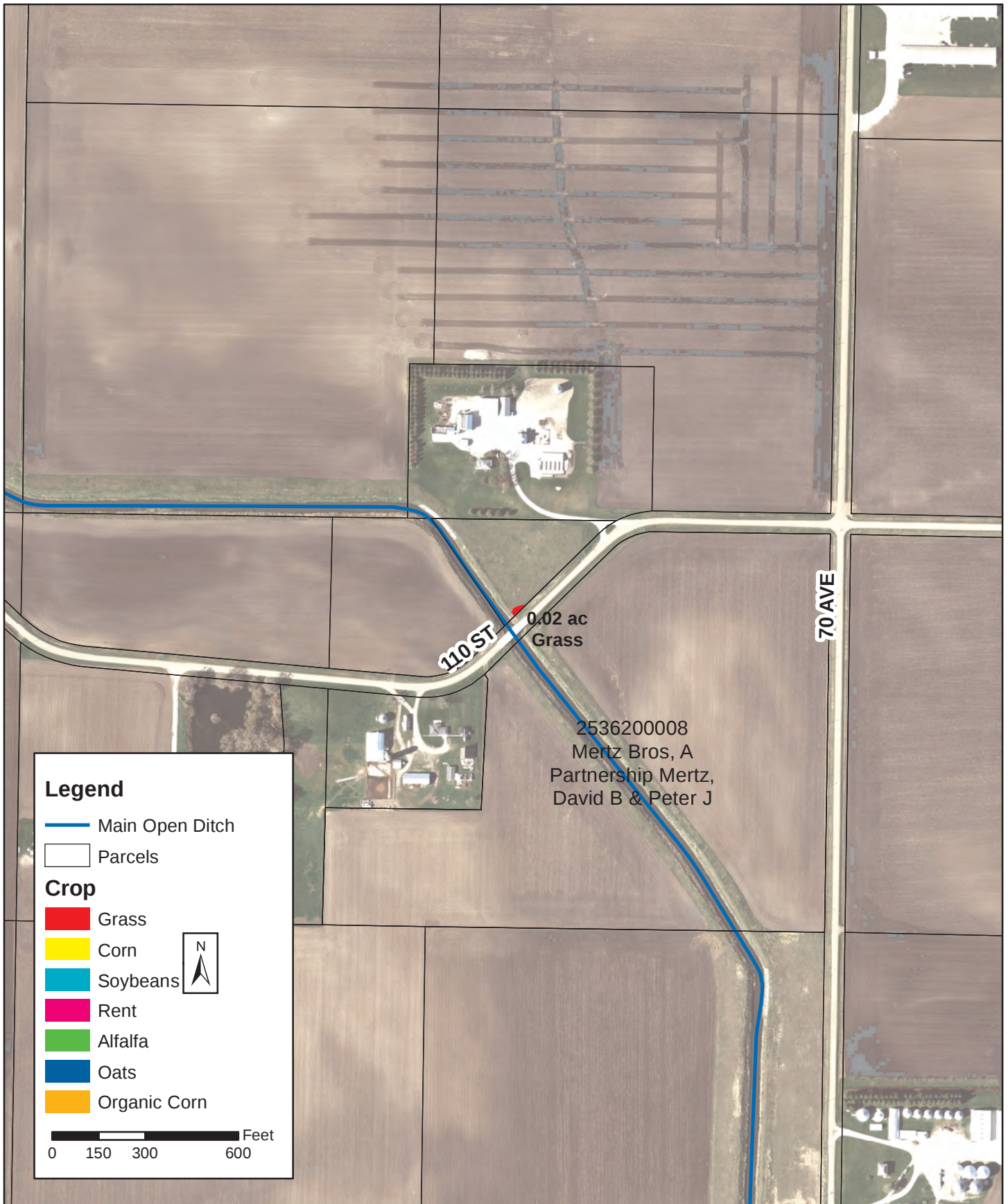
Inputs	Corn	Beans	Oats	Units	Alfalfa	Grass/Buffer
Yield	210	62	85	bushels/acre	N/A	
Price	\$4.41	11.07	3.50	\$ / bushel		
Damage	\$926.10	\$686.34	\$297.50	\$/acre	\$700.00	\$500.00
Organic corn priced at \$12/bu and \$2,420 per acre damaged. Rent priced at \$277 / acre.						
Landowner Name	Parcel ID	S-T-R	Legal Description	2026 Crop	2026 Crop Destroyed (ac)	2026 Crop Damage
				(Type)		
Richter, William J, Richter, Catherine J	2117300001	17-95-30	N 817' OF N 1/2 SW 1/4 EX TR CONT 4.50A	Soybeans	0.13	\$89.22
Schafer, Ronald L Lvg Trust	2505400008	5-94-30	SE SE EX N 400'	Grass	0.12	\$60.00
Schultz, Sandra K Revocable Trust	1727100002	27-96-30	NW NW EX TR 500' X 435.6'	Grass	0.17	\$85.00
Struecker, Janice M Living Trust	2505100006	5-94-30	E 1/2 SE NW	Soybeans	0.24	\$164.72
	2505200004	5-94-30	SW NE	Soybeans	0.07	\$48.04
Total Damage						\$212.76
Studer, John P, Studer, Heather L	2508200014	8-94-30	PARCELS OF LAND LOC IN E1/2 NE1/4 SEC 8 & NW/4 & NE SW OF SEC 9; PARCEL 1 AS DESC BY DOC #2008/ 2942 & PARCEL 2 & PARCEL 5 AS DESC BY DOC #2015/3815	Grass	0.13	\$65.00
				Rent	2.6	\$720.20
Total Damage						\$785.20
Thilges, Ritchie 6/20 int etal	1318300001	18-97-30	NW SW	Grass	0.03	\$15.00
WRF LLC	2509300006	9-94-30	SE SW EX PARCEL 1 AS DESC BY SURVEY RECD IN DOC #2001-4360 9 94 30	Grass	0.01	\$5.00
				Corn	0.12	\$111.13
Total Damage						\$116.13

Grand Total Crop Damages	\$7,634.65
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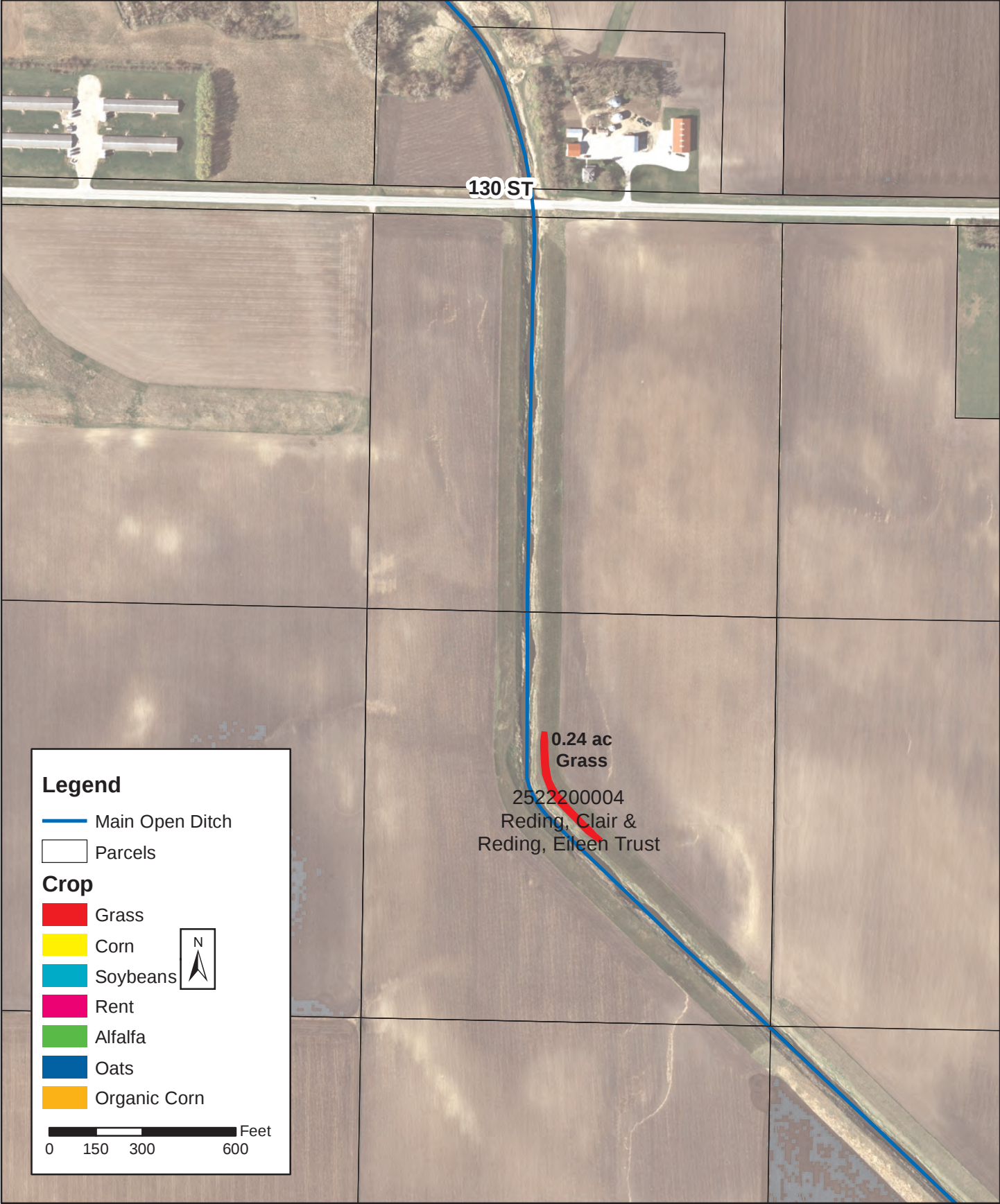
Joint Drainage District No. 1 Main Open Ditch Repairs Damages Map #1

Palo Alto and Kossuth County, Iowa

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Joint Drainage District No. 1
Main Open Ditch Repairs
Damages Map #2
Palo Alto and Kossuth County, Iowa

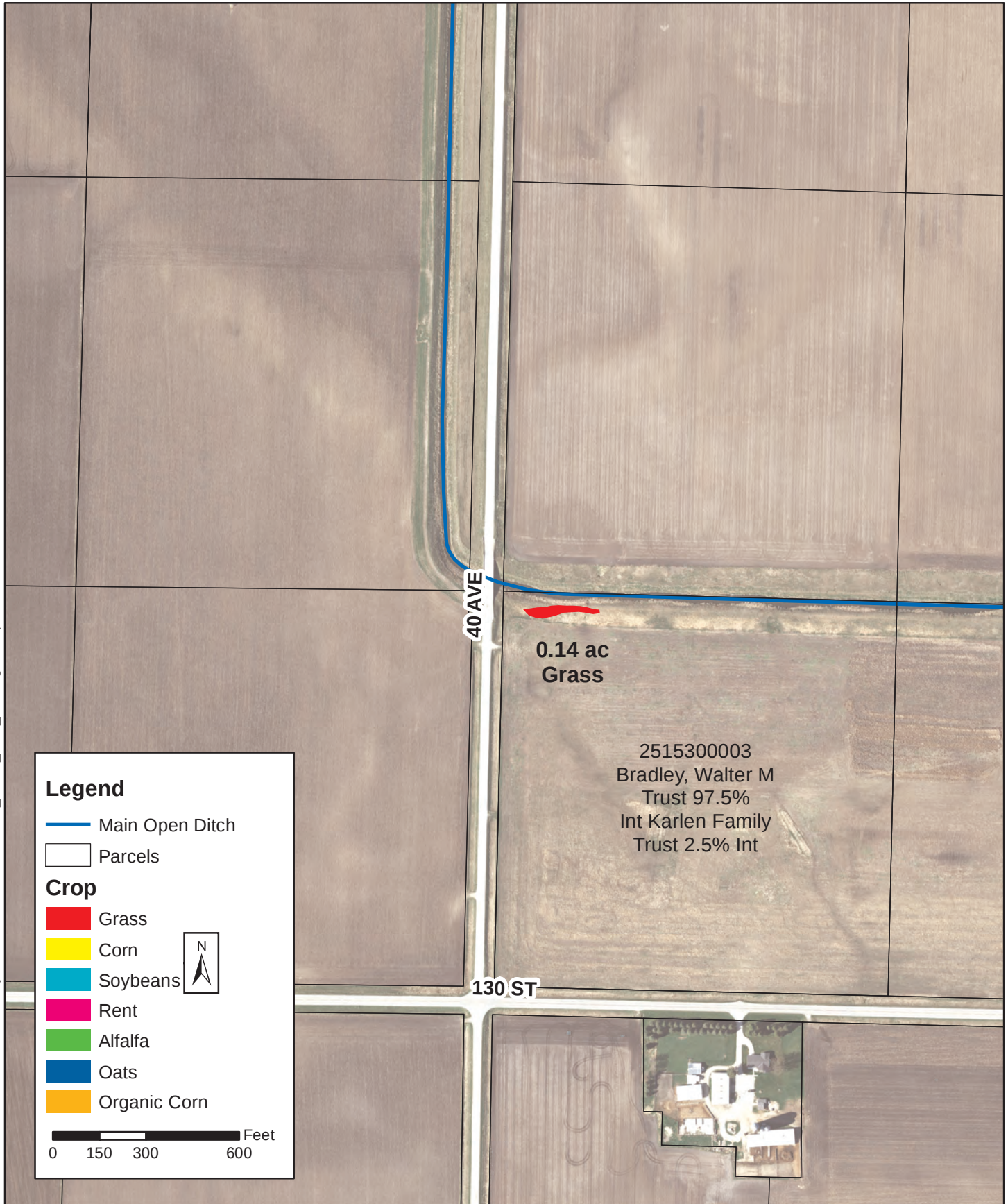


Joint Drainage District No. 1 Main Open Ditch Repairs Damages Map #3

Palo Alto and Kossuth County, Iowa

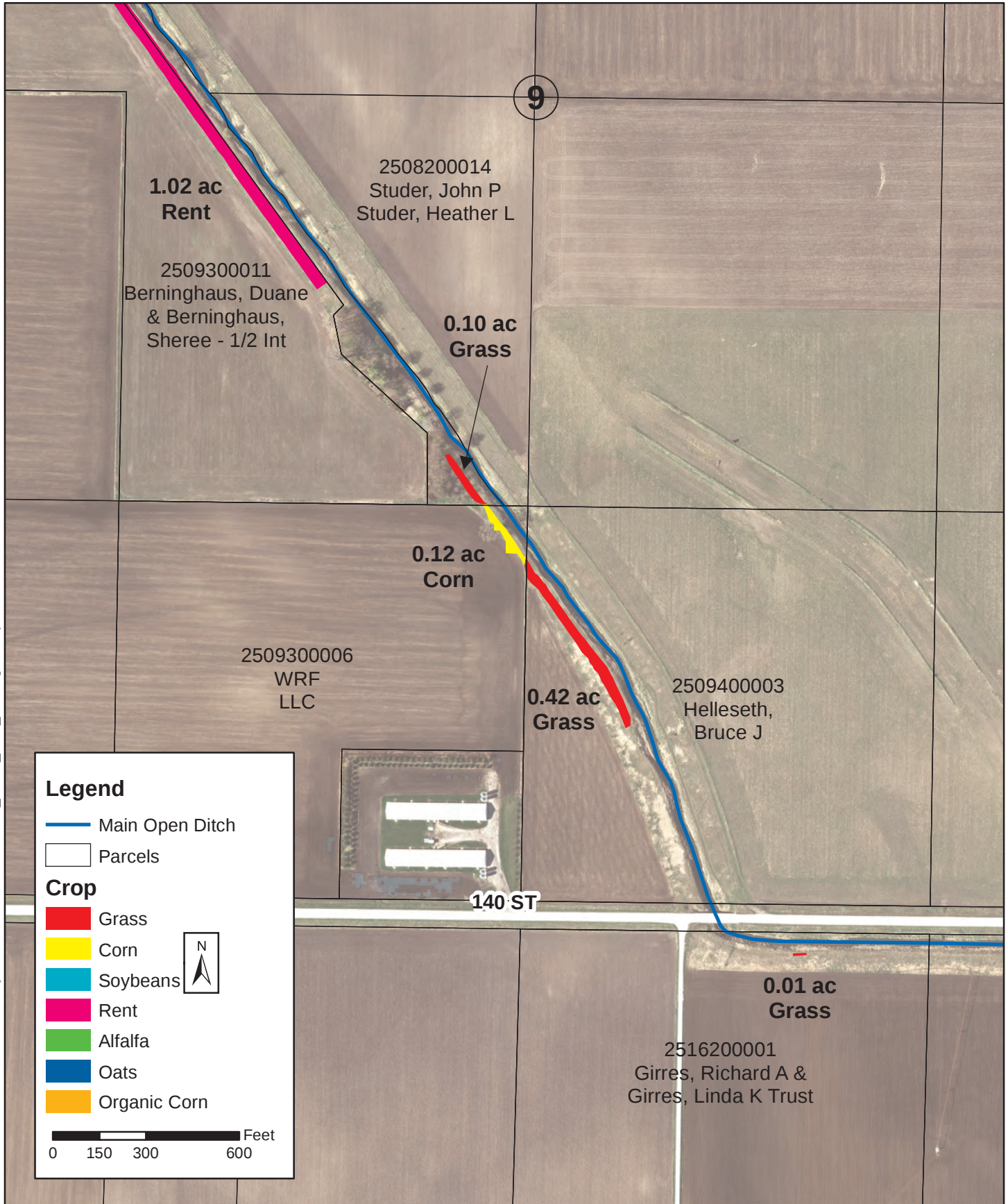


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Joint Drainage District No. 1 Main Open Ditch Repairs Damages Map #4

Palo Alto and Kossuth County, Iowa

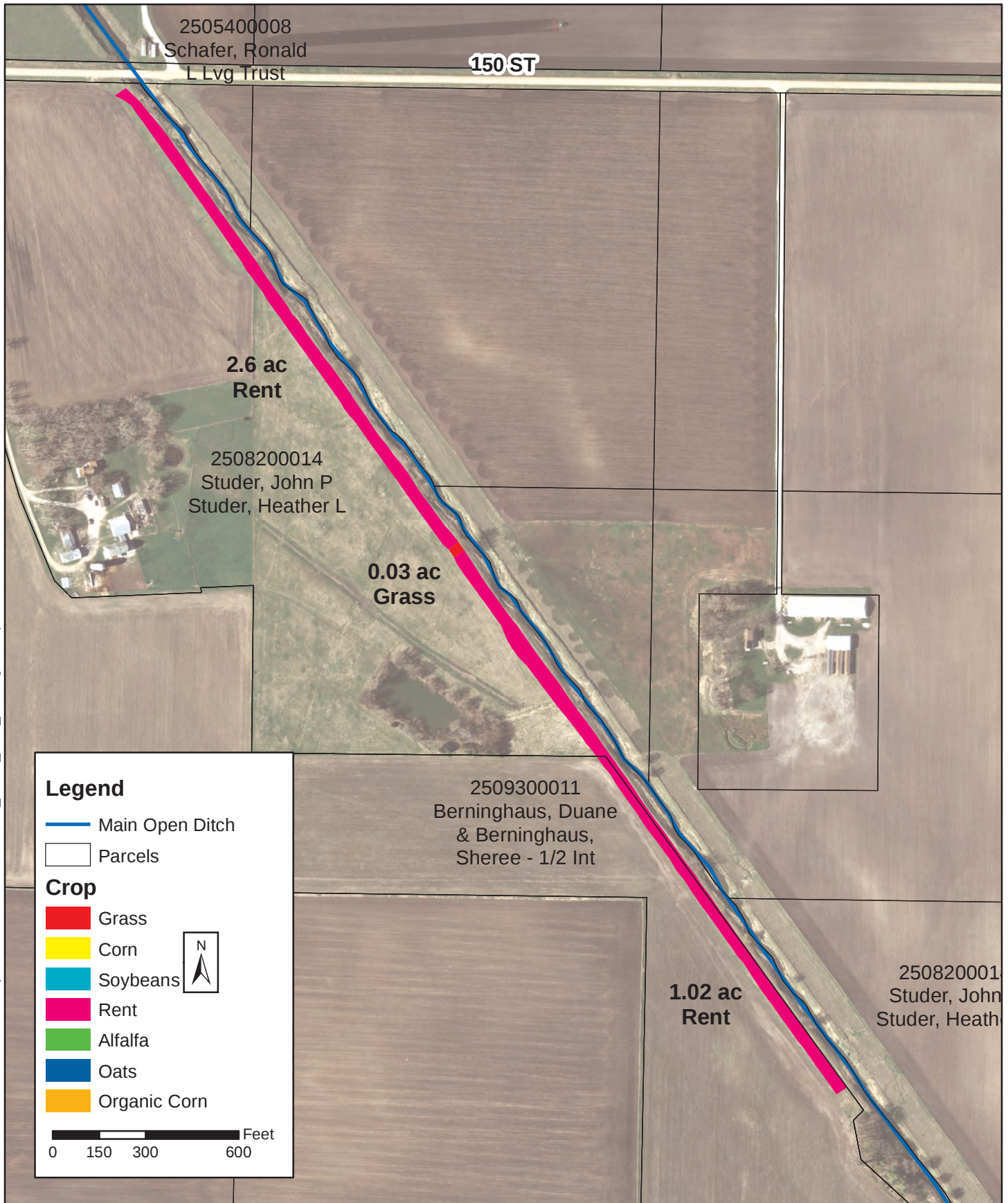


Joint Drainage District No. 1 Main Open Ditch Repairs Damages Map #5

Palo Alto and Kossuth County, Iowa

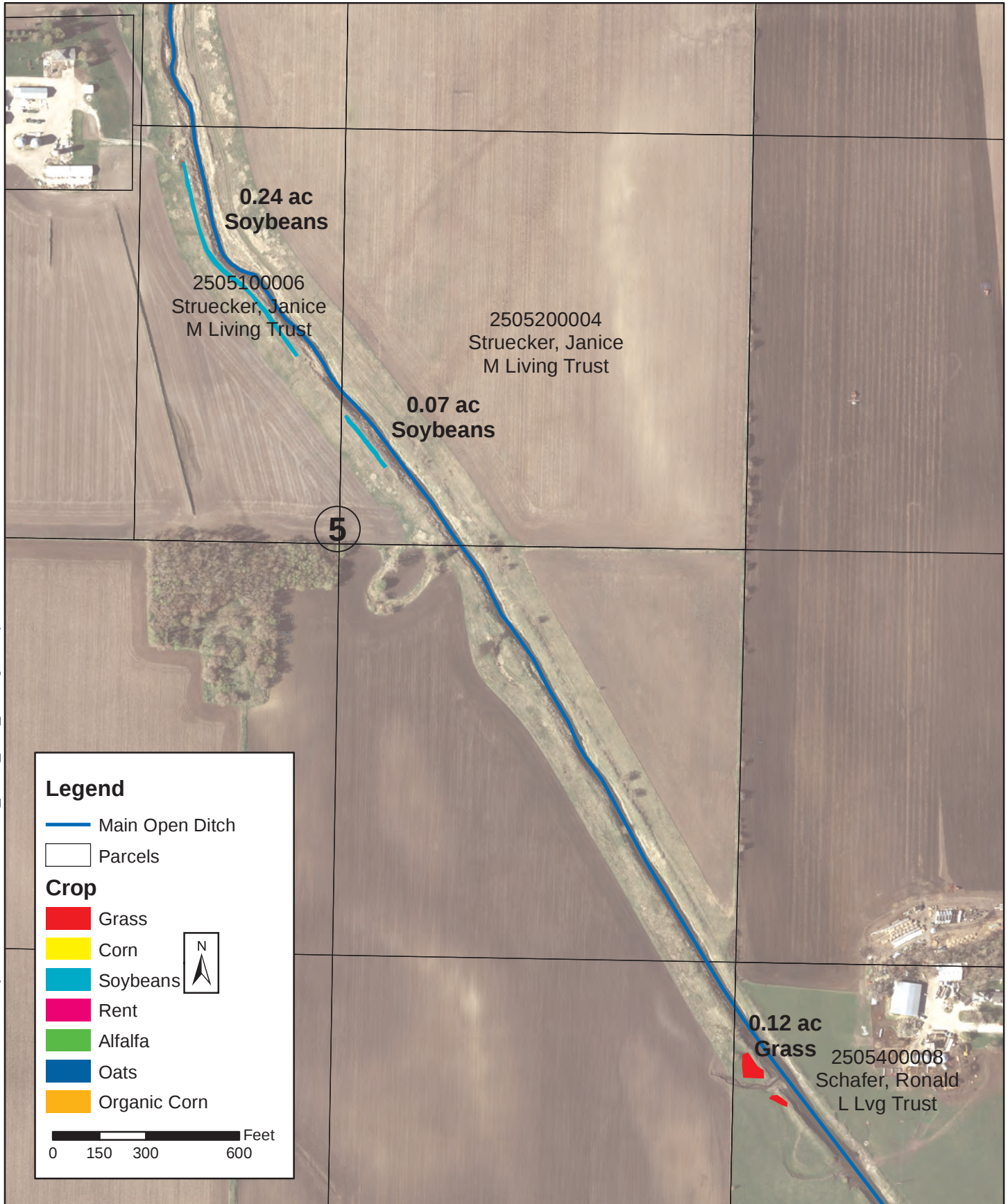


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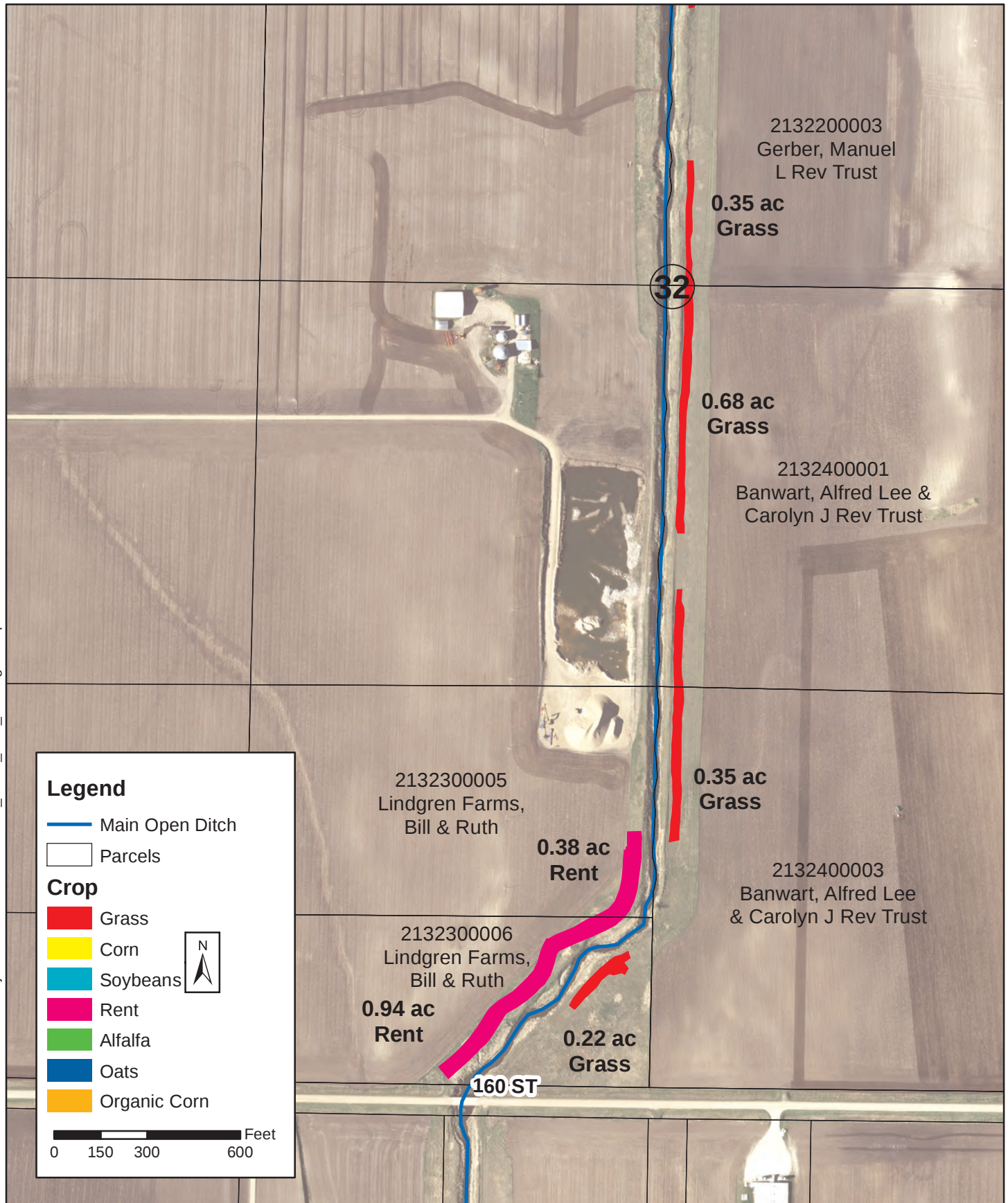
Joint Drainage District No. 1 Main Open Ditch Repairs Damages Map #6

Palo Alto and Kossuth County, Iowa



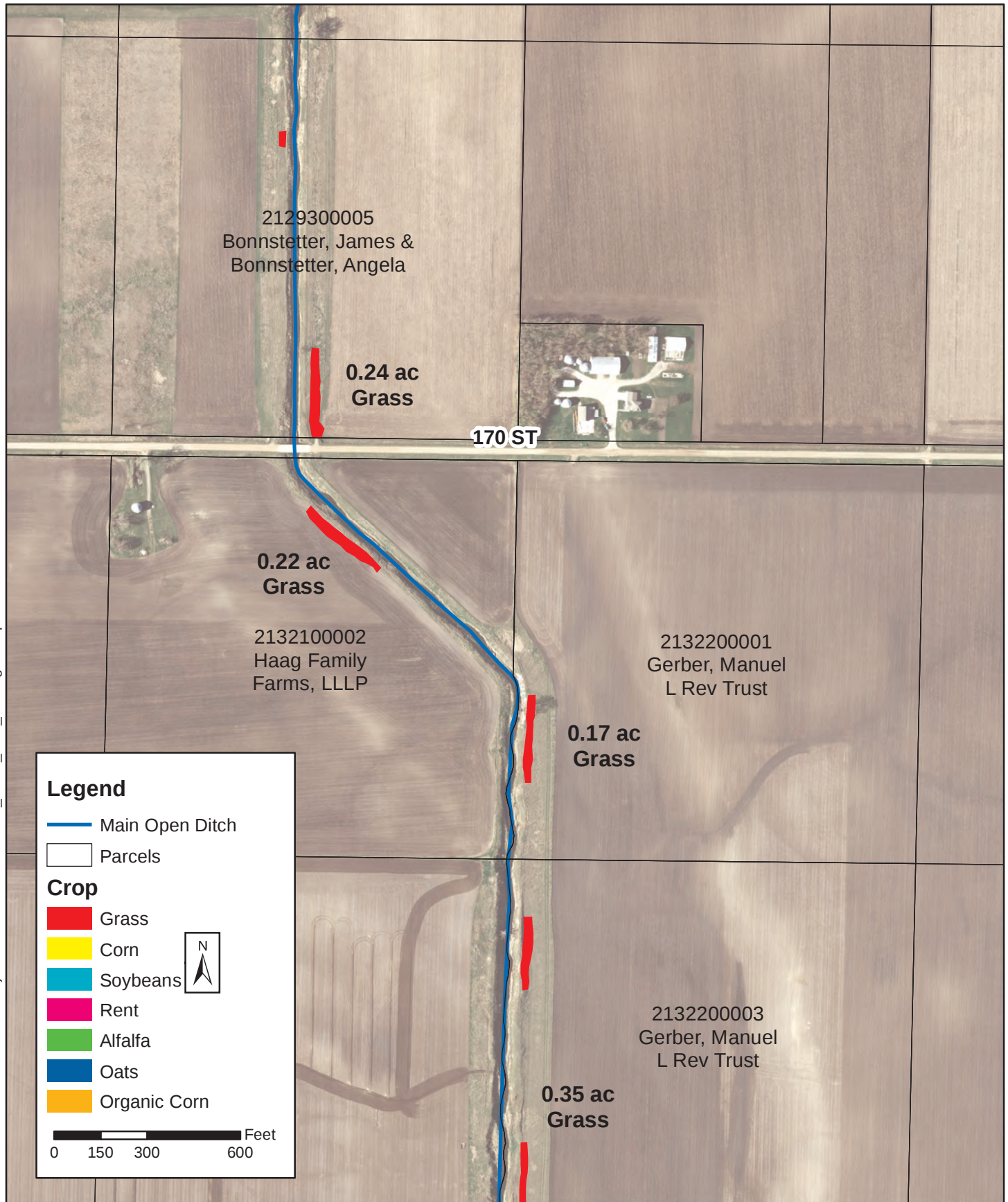
Joint Drainage District No. 1 Main Open Ditch Repairs Damages Map #7

Palo Alto and Kossuth County, Iowa



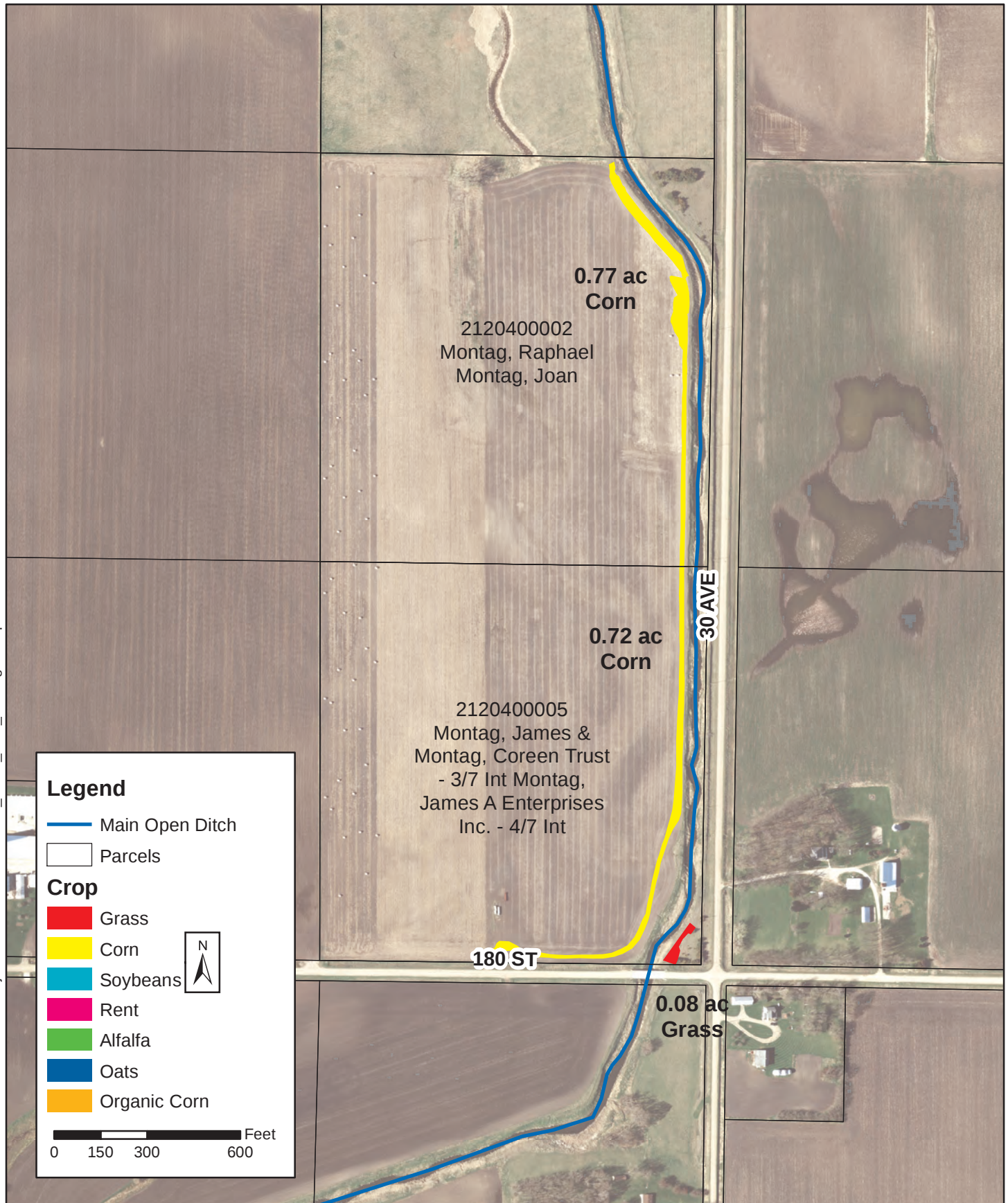
Joint Drainage District No. 1 Main Open Ditch Repairs Damages Map #8

Palo Alto and Kossuth County, Iowa



Joint Drainage District No. 1 Main Open Ditch Repairs Damages Map #9

Palo Alto and Kossuth County, Iowa

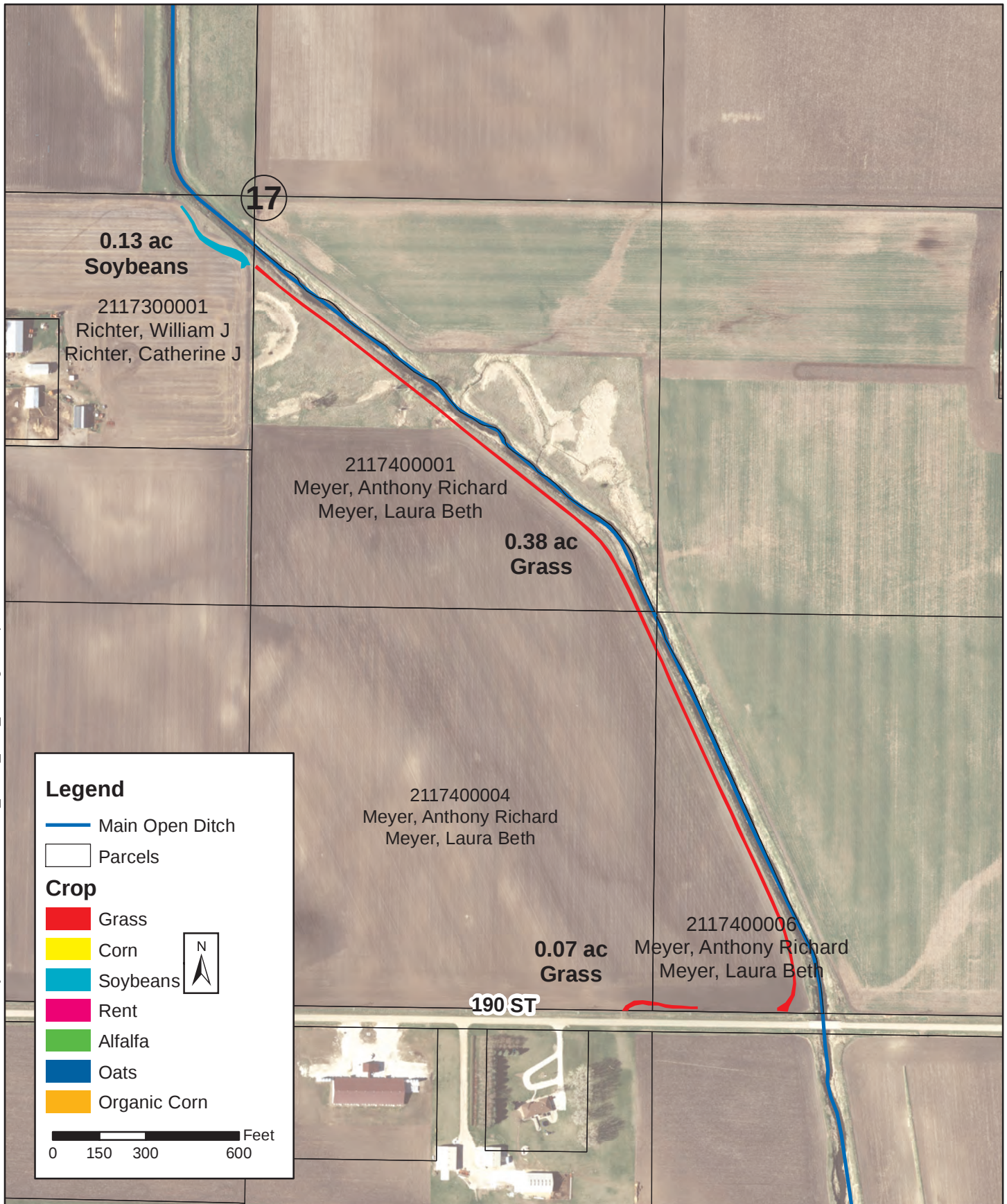


Joint Drainage District No. 1

Main Open Ditch Repairs

Damages Map #10

Palo Alto and Kossuth County, Iowa

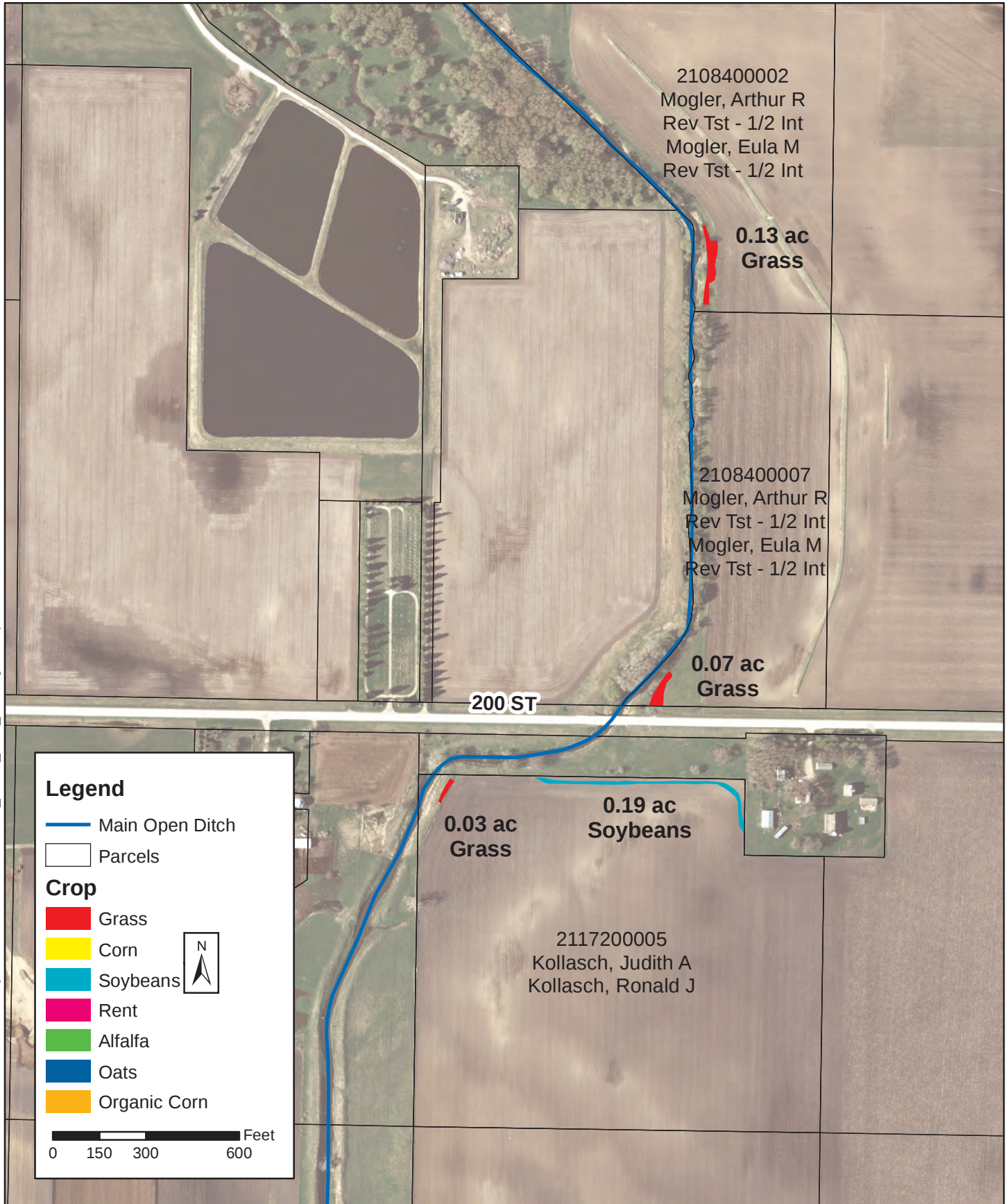


Joint Drainage District No. 1

Main Open Ditch Repairs

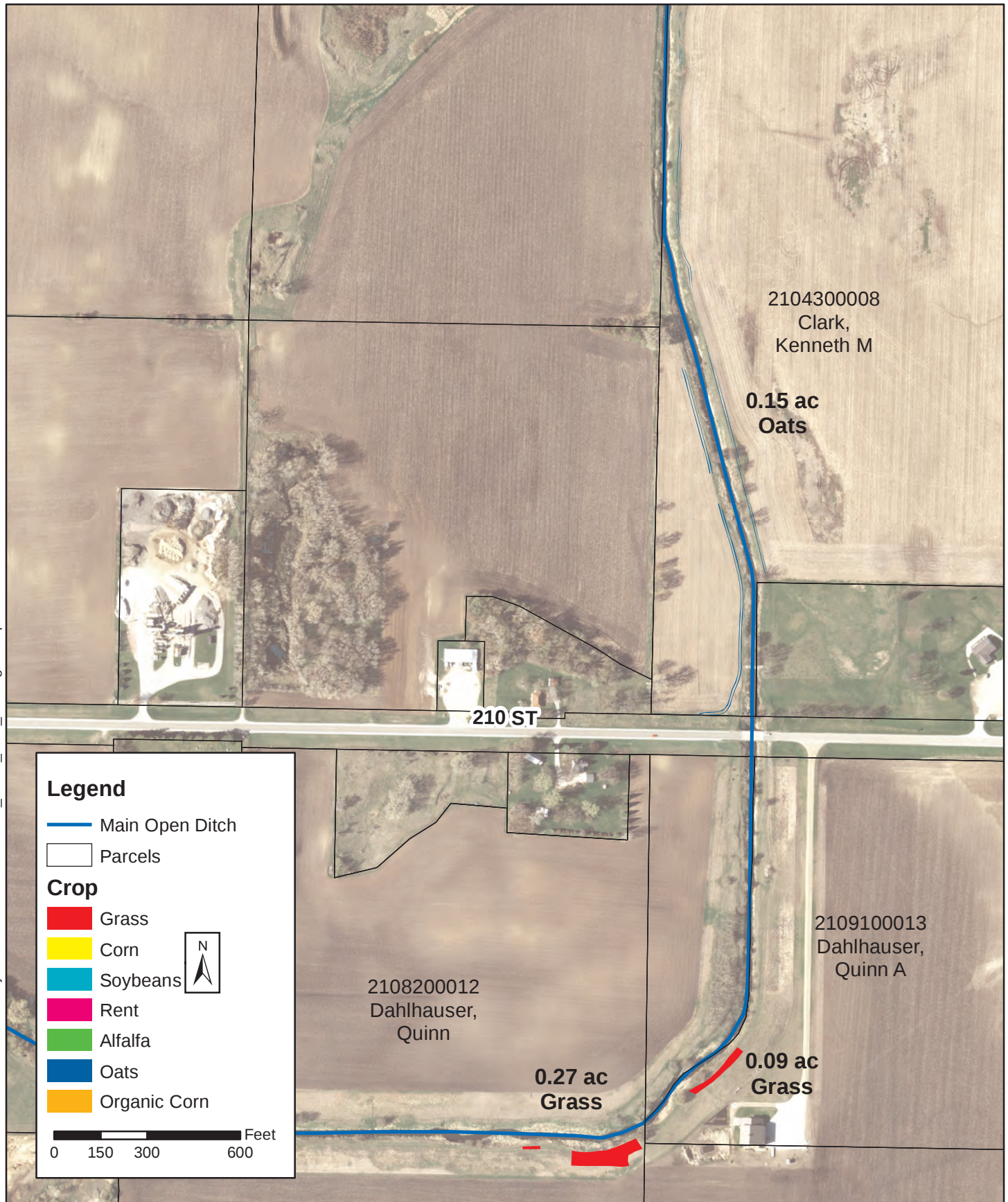
Damages Map #11

Palo Alto and Kossuth County, Iowa



Joint Drainage District No. 1 Main Open Ditch Repairs Damages Map #12

Palo Alto and Kossuth County, Iowa

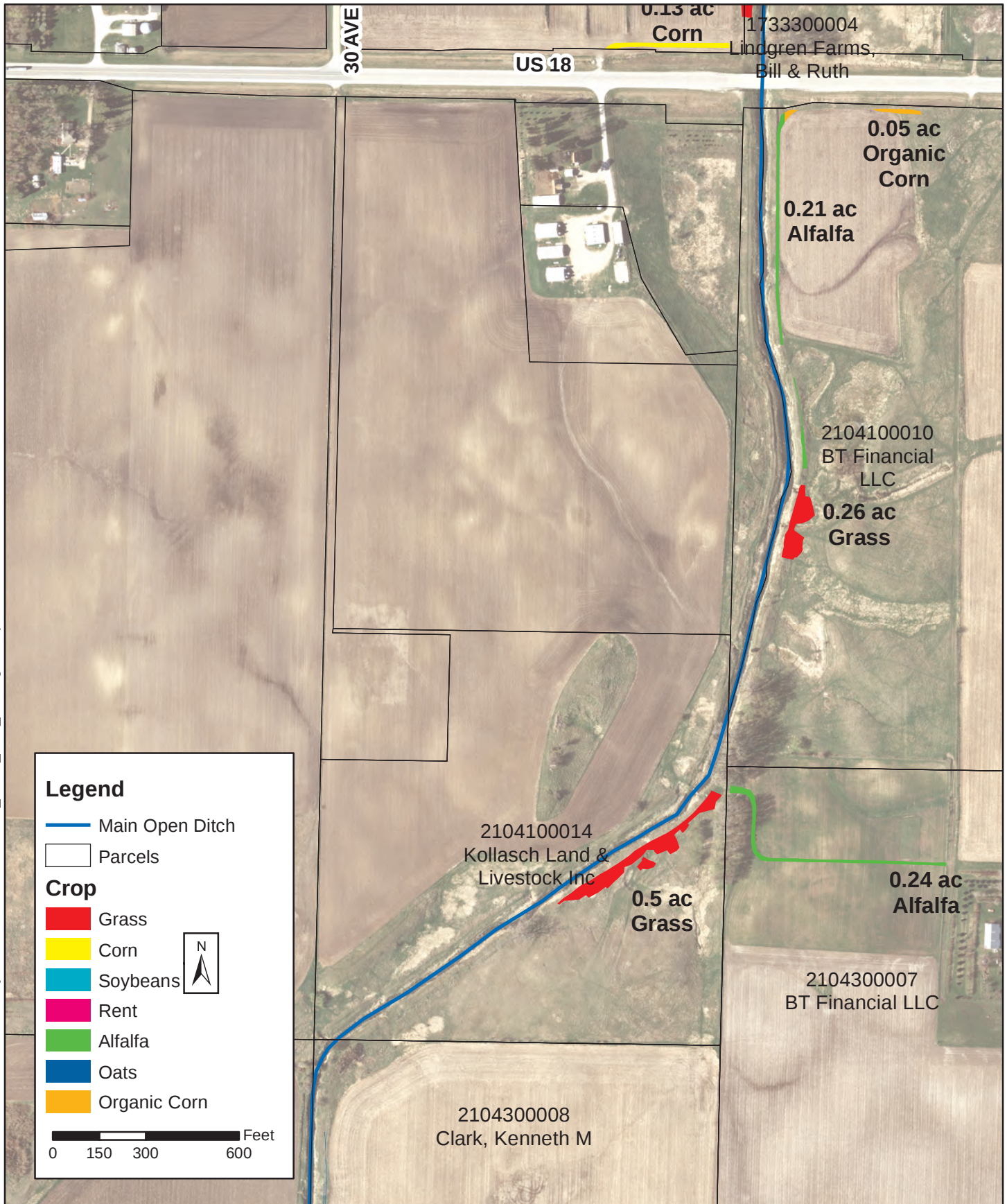


Joint Drainage District No. 1

Main Open Ditch Repairs

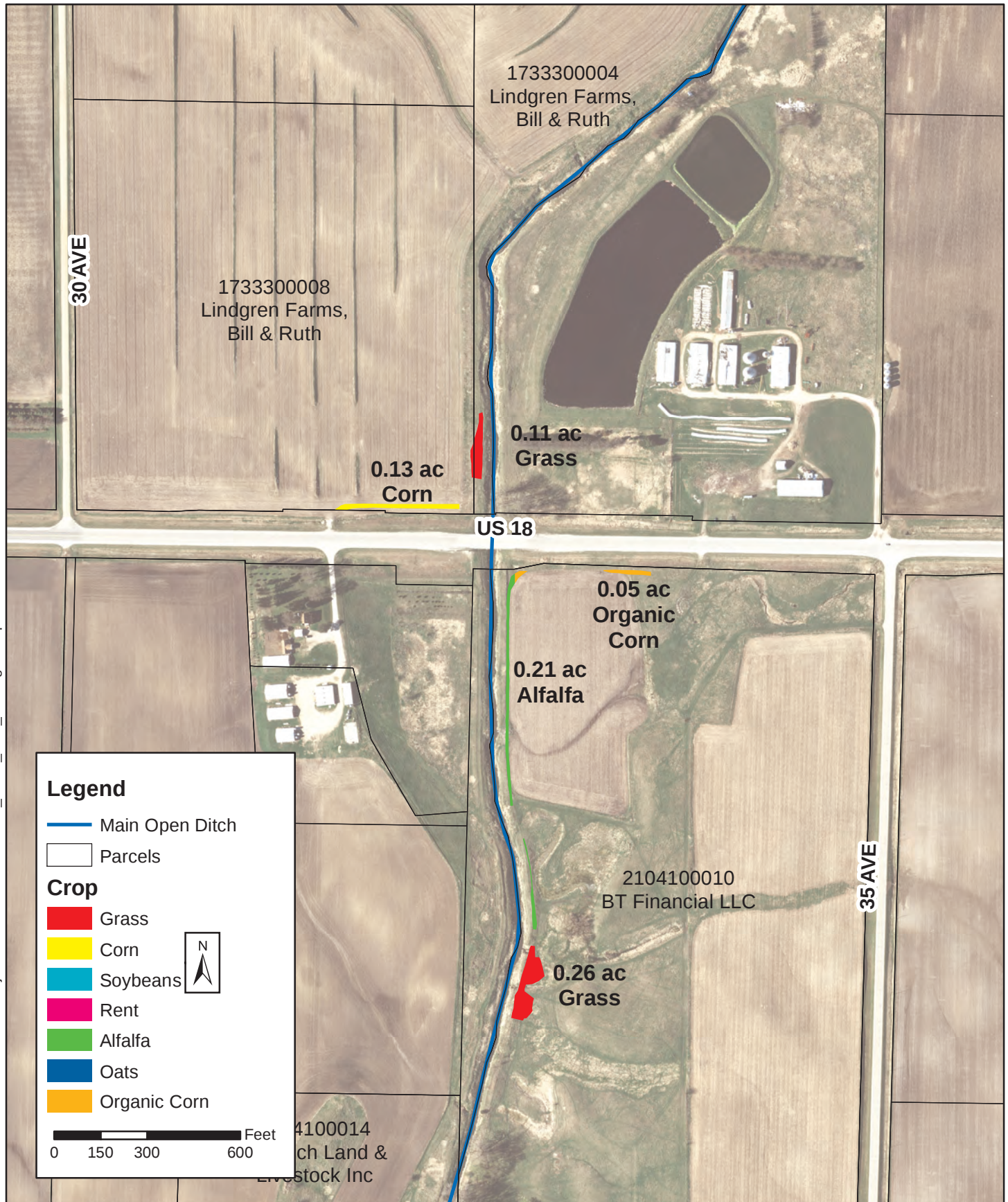
Damages Map #13

Palo Alto and Kossuth County, Iowa



Joint Drainage District No. 1 Main Open Ditch Repairs Damages Map #14

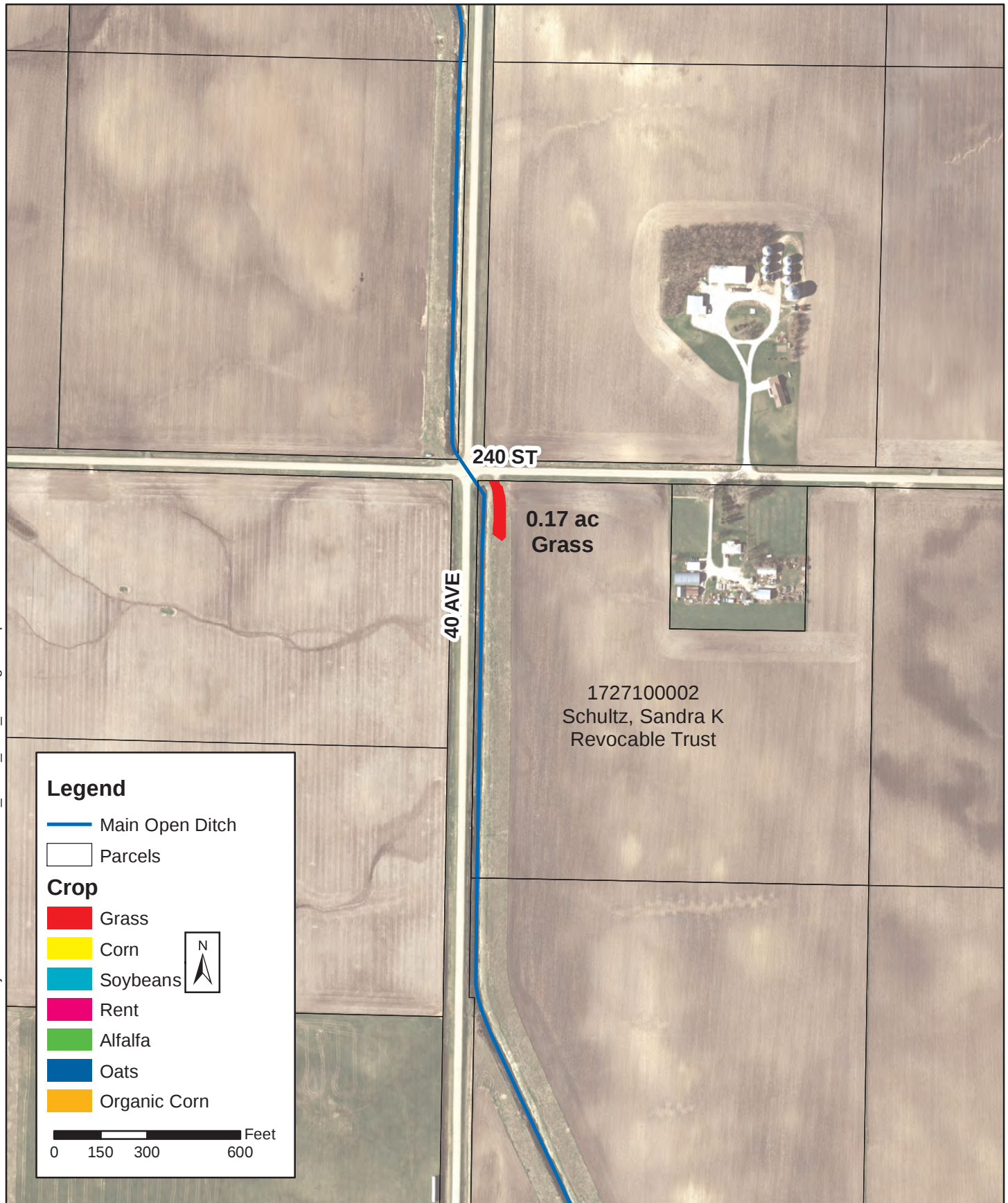
Palo Alto and Kossuth County, Iowa



Joint Drainage District No. 1 Main Open Ditch Repairs Damages Map #15

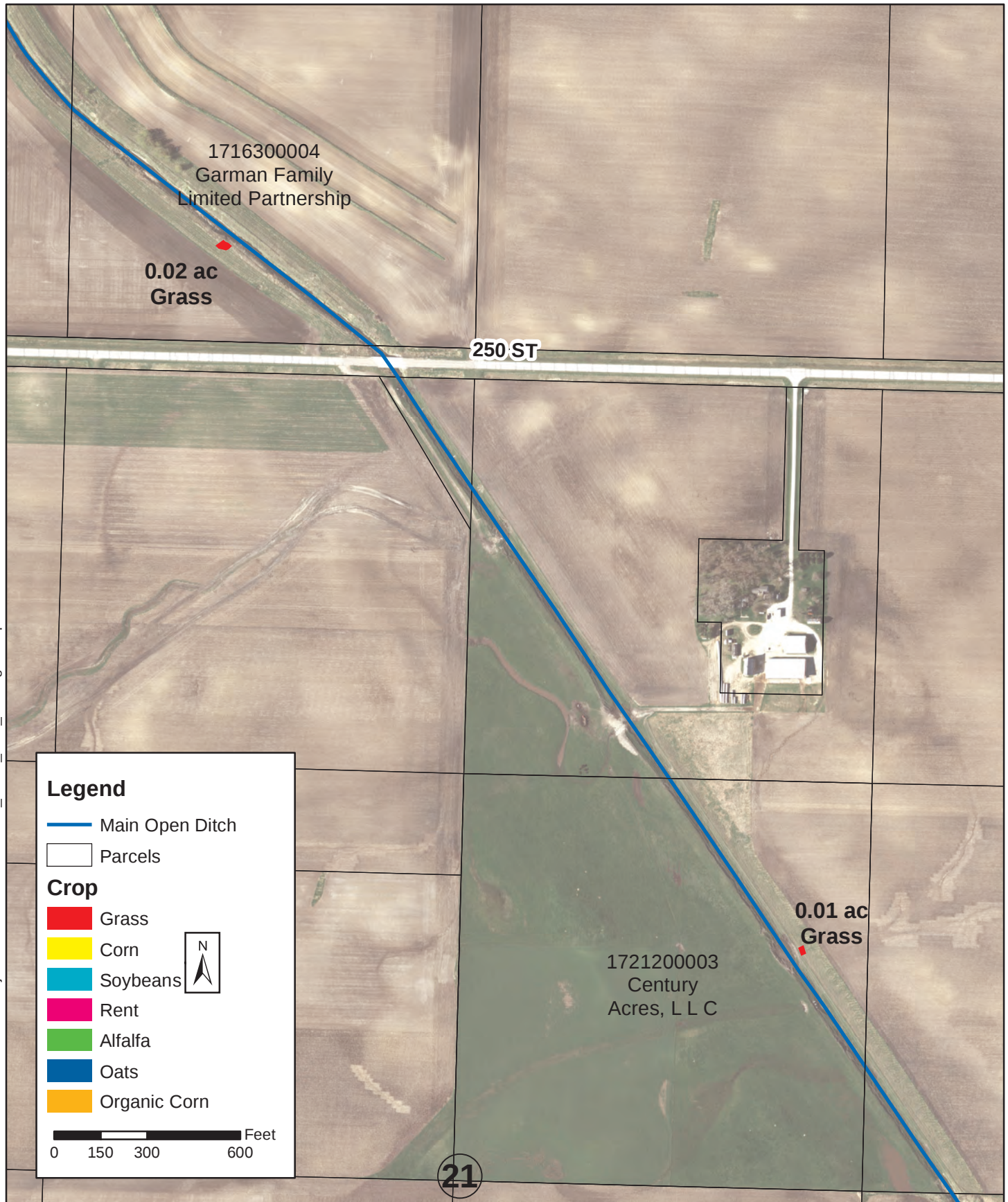
Palo Alto and Kossuth County, Iowa

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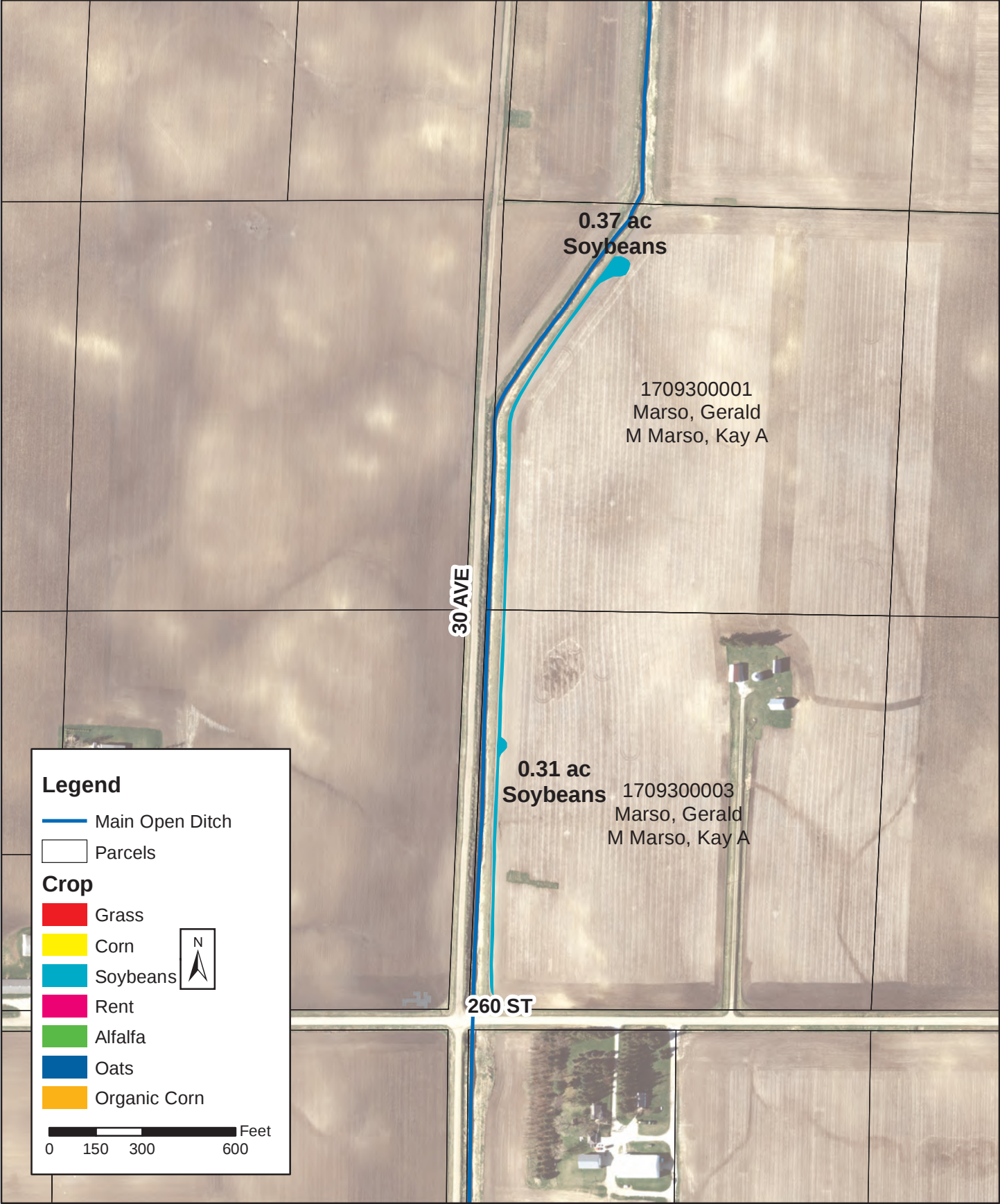
Joint Drainage District No. 1 Main Open Ditch Repairs Damages Map #16

Palo Alto and Kossuth County, Iowa

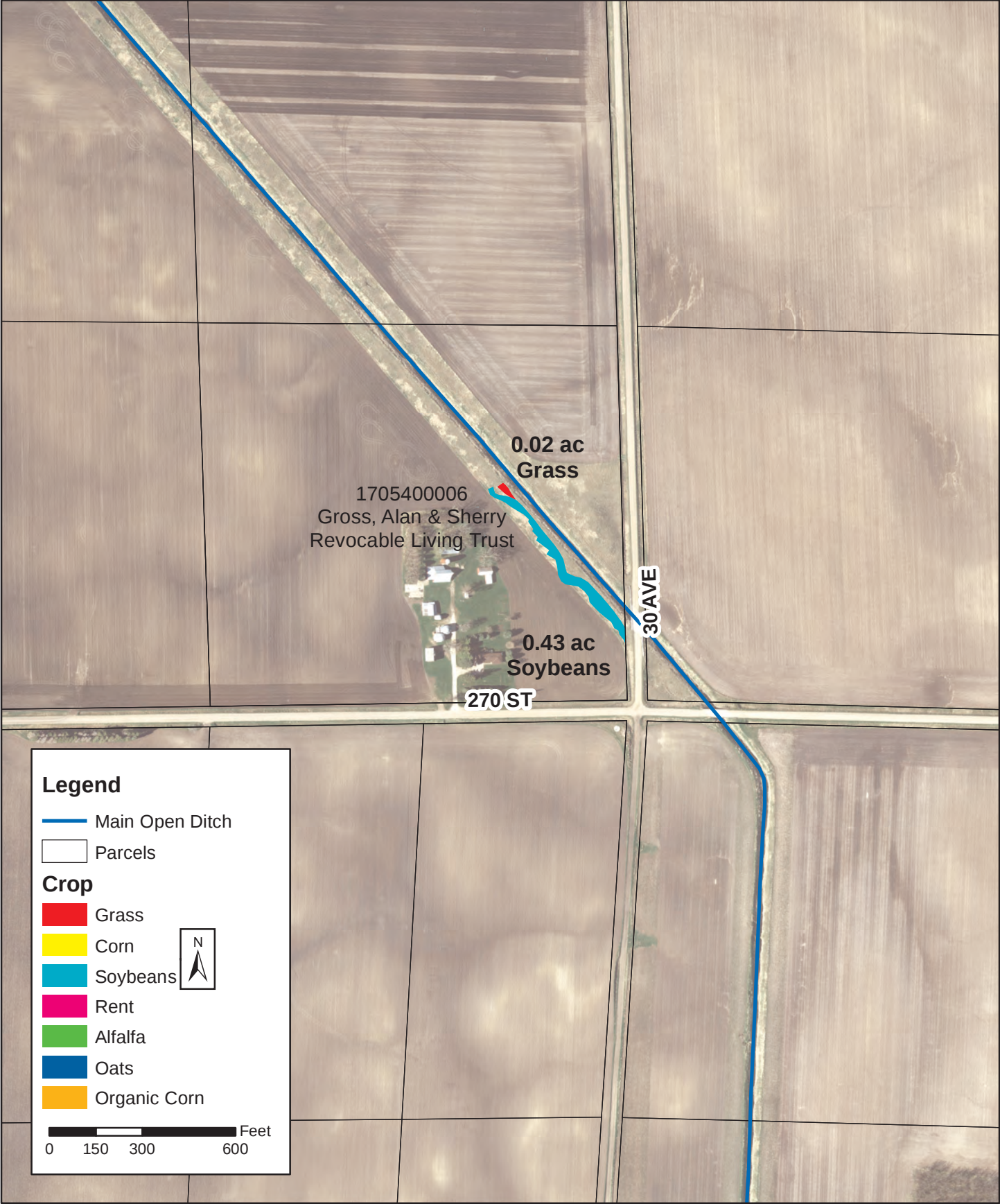


Joint Drainage District No. 1
Main Open Ditch Repairs
Damages Map #17
Palo Alto and Kossuth County, Iowa

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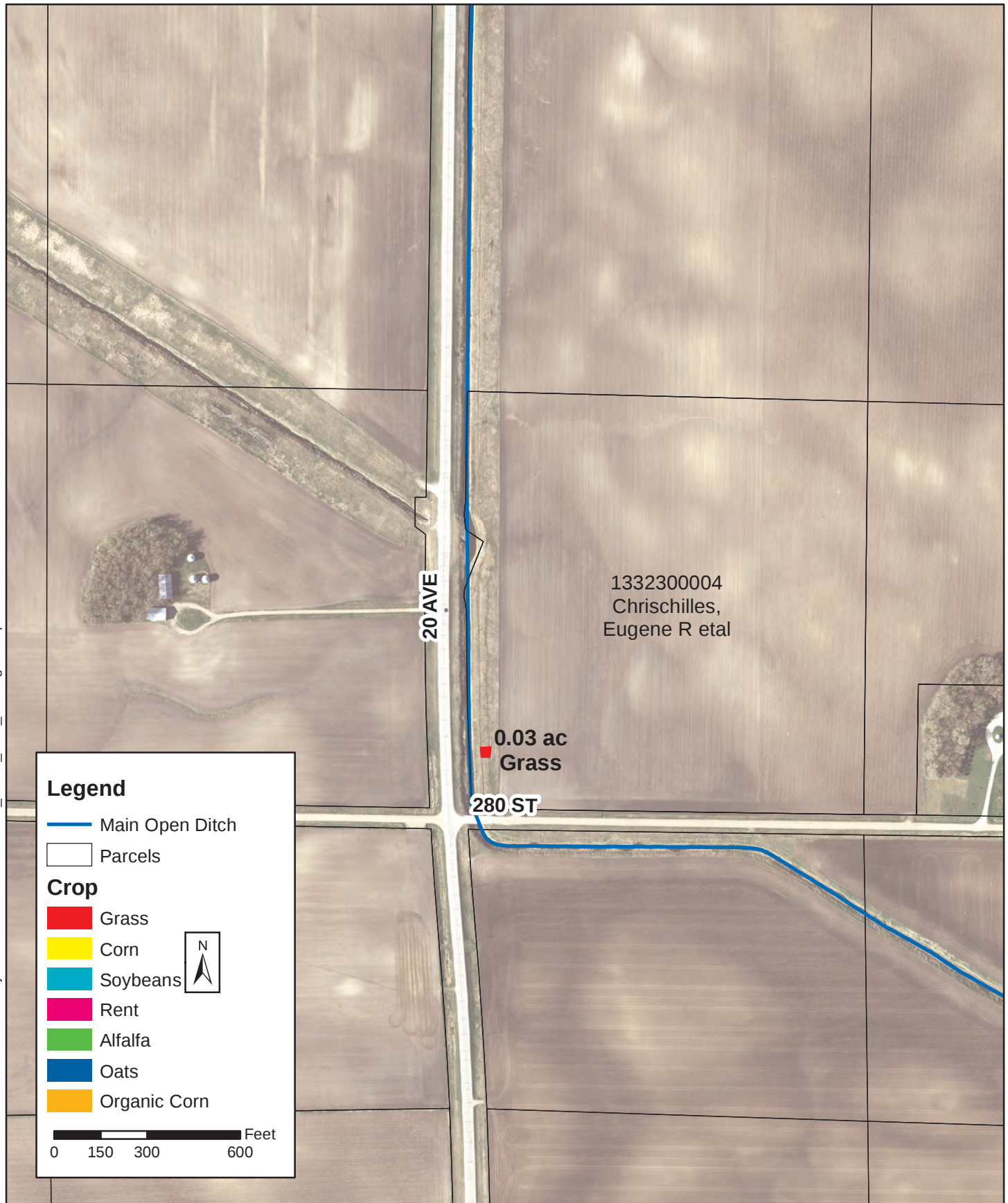


Joint Drainage District No. 1
Main Open Ditch Repairs
Damages Map #18
Palo Alto and Kossuth County, Iowa



Joint Drainage District No. 1
Main Open Ditch Repairs
Damages Map #19
Palo Alto and Kossuth County, Iowa

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Joint Drainage District No. 1 Main Open Ditch Repairs Damages Map #20

Palo Alto and Kossuth County, Iowa

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