

AGENDA
REGULAR DRAINAGE MEETING
October 30, 2019
8:30 AM

1. Open Meeting
2. Approve Agenda
3. Approve Minutes
- Regular Meeting October 23, 2019
4. Approve Claims For Payment
Claims with pay date of 11/01/2019.

Documents:

[PAYABLES-DRAINAGE PUBLICATION 11-1-19.PDF](#)

5. Discuss W/ Possible Actions, Wind Turbine Ordinance/Drainage Utility Permit Language
Request for clarification in language regarding Wind Turbine Ordinance and Drainage
Utility Permit Application.

Documents:

[EMAIL RE DAMAGES LANGUAGE FOR WIND TURBINE INSTALLATION 10-22-19.PDF](#)
[UTILITY PERMIT APPLICATION ACROSS DRAINAGE DISTRICT.PDF](#)

6. DD 9 - Discuss W/ Possible Action
Ron Sailer responded to our request for an easement through his property.

Documents:

[RON SAILER RESPONSE 10-29-19.PDF](#)

7. Update - IRUA Correspondance
Update - Letter from Davis Brown Law to IRUA

Documents:

[LETTER TO IRUA ATTORNEY FRANK SMITH 10-25-19 .PDF](#)

8. Discuss W/ Possible Action - IRUA Invoices
Discuss tabled issue of payment method of invoices for IRUA issues, with report from
Smith on potential minimum assessment on all DD's.

Documents:

[2019-10-24 LIST OF PARCELS FOR MIN ASSESSMENT DRAFT.PDF](#)

9. Discuss W Possible Action - Set Bid Date For Open Ditch Brush Control
Set bid date for 2020 Open Ditch Bid Brush Control, suggested bid due date; December

18, 2019. Previous 2016 bid's due date was December 21, 2016.

Documents:

[OPEN DITCH SPRAYING NOTICE TO CONTRACTORS 2019 DRAFT.DOCX](#)
[DRAINAGE DITCH SPRAYING.XLSX](#)
[OPEN DITCH BRUSH CONTROL BIDS.XLSX](#)

10. DD 25 - Update WO #1 On RR Crossing
Update provided by Mike Richards
11. Other Business
12. Adjourn Meeting



Hardin County

Drainage Claims with Pay Date of 11/1/2019

Description	Vendor	Amount
DD 102 Wetlands Consult, and attend meeting.	The Davis Brown Law Firm	880.00
DD 9 - Email w/ Lee possible easement vs annex	The Davis Brown Law Firm	25.00

Total Regular Payables: 880.00
Total Stamped Warrants: 25.00

I feel like something more should be put in place to guarantee the repair of the systems. Would you like to add something to this which requires that the applicant attend a drainage meeting and sign an agreement for repair of the systems?

Let me know what you think.

Thanks!



JESSICA SHERIDAN, REHS/RS	
ENVIRONMENTAL HEALTH SPECIALIST & ZONING ADMINISTRATOR	
HARDIN COUNTY	ENVIRONMENTAL HEALTH &
1215 EDINGTON AVENUE	ZONING DEPARTMENT
ELDORA, IOWA 50627	OFFICE: 641.939.8135
	CELL: 641.849.7372
HTTP://WWW.HARDINCOUNTYIA.GOV	



HARDIN COUNTY

1215 EDGINGTON AVE., SUITE 1
ELDORA, IA 50627
(641) 939-8108

HARDIN COUNTY DRAINAGE DISTRICT UTILITY PERMIT APPLICATION

Applicant:

Company Name

Address

City State Zip

Applicant Contact:

Name (_____) _____ - _____
Phone

Email

Utility Type:

Drainage District(s) Crossed:

Facilities Crossed (specific tile, open ditch):

Description of Work:

*(Location plan of
proposed utility must
be attached.)*

Pursuant to Code of Iowa Section 468.186, approval is hereby requested for the right, privilege and authority to construct, operate and maintain utilities on, over, across or beneath established Hardin County Drainage Districts, subject to the attached Requirements for Construction On, Over, Across or Beneath Established Drainage District. Failure to comply with said requirements shall be ground for revocation of the permit by the Hardin County Board of Supervisors.

Applicant Signature

Date

Submit Form and Location Plan To:

Hardin County Auditor's Office
Attn: Drainage Clerk
1215 Edgington Ave, Suite 1
Eldora, IA 50627
Fax (641) 939-8225
drainage@hardincountyia.gov

For Office Use Only

Application Approval:

By: _____
Board of Supervisor Chairman, Acting as Drainage District Trustee

Date: _____

APPROVED PERMIT #: _____



REQUIREMENTS FOR CONSTRUCTION ON, OVER, ACROSS OR BENEATH ESTABLISHED DRAINAGE DISTRICT

Upon issuance of a permit for utilities on, over, across or beneath established Hardin County Drainage Districts, the applicant shall be governed by these requirements and shall comply with all conditions contained herein.

1. The Applicant shall furnish the Drainage District, or its representative, plats showing the exact location of the proposed construction. If it is found that such locations are in conflict with the present or proposed facilities and that a more desirable location is possible, the Applicant shall review such possible alignment changes. **No construction is to commence with the drainage facility without an approved application.**
2. Applicant shall comply with Iowa One-Call requirements prior to commencing any work.
3. The Drainage District shall provide Applicant access to maps or other information regarding the location of all known drainage district facilities so that reasonable care may be taken by Applicant to avoid un-necessary damage to said drainage district facilities.
4. The Applicant shall hold the Drainage District harmless from any damage that may result to the Drainage District facility because of the construction or maintenance of the utility, and shall reimburse the Drainage District for any expenditures that the Drainage District may have to make on said Drainage District facilities resulting from Applicant's construction and installation of utilities, or their subsequent repair or modification.
5. The Applicant shall take all reasonable precaution during the construction of said utility to protect and safeguard the lives and property of the public and adjacent property owners and shall hold the Drainage District harmless from any damages or losses that may be sustained by adjacent property owners on account of such construction operations. Further, Applicant agrees to replace, repair or reimburse all damages to private property occasioned by Applicant's installation of subsequent modification or repairs.
6. The Drainage District assumes no responsibility for damages to the Applicants property occasioned by any construction or maintenance operation of said Drainage District facilities, subsequent to Applicants installation.
7. A copy of a certificate of insurance naming the County/Drainage District as additional insured for their permit work shall be provided to the County Auditor prior to installation. The limit of liability under the insurance policy shall not be less than \$1,000,000 per occurrence.
8. The Applicant agrees to give the Drainage District twenty-four (24) hours (Saturday and Sunday excluded) notice of its intention to commence construction on any lands within the jurisdiction of the Drainage District. Said notice shall be made in writing to the County Auditor or to the designated Drainage District representative.
9. The Applicant agrees to place permanent, visible markers or monuments at locations where utility crosses Drainage District facilities. These monuments or markers shall identify the owners name, address and phone number.
10. The Drainage District Trustees may appoint a representative to inspect and approve all construction across Drainage District facilities as part of this permit. All compensation, wages, mileage and other expenses for this representative will be paid by the Applicant. It will be the responsibility of the Applicant to make all contacts with private parties (adjacent owners/operators) to determine the location of private drainage facilities. Said representative will also inspect all crossing of Drainage District facilities and may, if required, observe the crossing of private drainage facilities, and shall have the authority to require the Applicant to excavate and expose the crossing of any Drainage District facility where the representative believes it prudent to visually examine Applicants crossing of the Drainage District facility. Further, said representative has the authority to suspend construction and installation by the Applicant within any Drainage District jurisdiction by verbal order to the contractor at the site and a telephone call to Applicants contact person listed on page 1 within six (6) hours of the verbal order.



11. The construction and maintenance of Applicants installation shall be carried on in such a manner as to not interfere with or interrupt the function of said Drainage District facilities without the express written consent of the Drainage District Representative. In the event it becomes necessary to temporarily stop the flow of water, the following shall be completed by the Applicant:
 - a. If the crossing involves a tile line, the replacement of tile with approved materials, in the manner approved by the Drainage Districts designated representative, shall be performed as rapidly as possible. If the approved method of repair is impossible and the volume of water flowing in the tile is sufficient to create the possibility of crop loss or property damage, the Contractor will be permitted to temporarily block the tile line to prevent the flow of this tile water into the pipeline, or tile line ditch. In the event this tile line is so temporarily blocked, the Contractor will be expected to provide sufficient pumping equipment to pump the impounded tile water across the construction ditch to the undisturbed tile line. Such temporary blockages of said Drainage District tile lines will be removed as rapidly as possible and any tile repairs caused by this blockage will be immediately repaired at the Applicants expense.
 - b. If the crossing involves an open ditch that is carrying sufficient flow of water to make it necessary to place a temporary dam across said open ditch, such temporary dams may be constructed only upon approval from the Drainage District designated representative. The maximum elevation of this impounded water shall be determined by the designated Drainage District representative and all excess water must be allowed to flow across the construction ditch through either a closed metal culvert pipe or by pumping. All temporary dam structures are to be removed as soon as the crossing is completed. The construction and removal of these dams shall be in such a manner that the smooth and efficient function of the drainage ditch is not impaired, with all costs and damages borne by Applicant.
12. The Applicant will at any time subsequent to the commencement of construction, and at Applicants sole expense, reconstruct or replace its installation as may be necessary to conform to new grade or alignments resulting from maintenance or construction operations by the Drainage District in connection with any of its drainage facilities. Applicant agrees to do this within forty-five (45) days of receipt of written request from the Drainage District, or such longer time period as the Drainage District may specify, without cost to the Drainage District. Such reconstruction or realignment of Applicants improvements shall be made in accordance with and approved by the Drainage District or its designated representative. If the Applicant is unable to comply within the time period specified above, the Drainage District may cause the work to be done and the Applicant will pay the cost thereof upon receipt of a statement of such costs.
13. **CROSSING OF OPEN DITCH FACILITIES.** Utility crossings shall be constructed as follows, as directed by the designated representative of the Drainage District:
 - a. Passage of installation in a horizontal plane five feet (5') below design grade of drainage ditch, as established by the Drainage District representative.
 - b. The above depth to extend to a point two (2) times the design base width of ditch either side of centerline of drainage ditch (measured along the centerline of utility) unless the existing base width is greater than the design bases width. If the existing base width is greater than the design with, the depth is to extend to a point two (2) times the existing width.
 - c. The rate of slope for transition from normal utility laying depth of crossings of drainage ditches shall not be steeper than 4:1.
 - d. If such ditch crossings occur at points of outlets of Drainage District or private tile lines or within twenty-five feet (25') of said outlets, such outlets must be relocated to a point not less than twenty-five feet (25') from such crossings. Such relocations shall be at the expense of the Applicant and as directed by the representative of the Drainage District.



14. CROSSING OF DRAINAGE DISTRICT TILE LINES. Utility crossings shall be constructed as follows, as directed by the designated representative of the Drainage District:
- a. All proposed installations must be placed under the existing Drainage District tile lines. These requirements may be waived only upon the review by and approval of the designated representative of the Drainage District. Such waiver must be in writing.
 - b. A minimum of one foot (1') clearance below existing Drainage District facilities must be maintained.
 - c. At all crossings of Drainage District tile lines with the proposed utility, one of the following must be used:
 - i. Replace Drainage District tile with reinforced concrete pipe of same or larger diameter than existing tile. Concrete pipe to be 2,000 D strength (Iowa Department of Transportation approved) with standard tongue and groove joints. Pipe to have a minimum of three (3) bolt-type connectors at each joint.
 - ii. Replace Drainage District tile with cathodic protected corrugated metal pipe. Diameter of corrugated metal pipe to be a minimum of two inches (2") larger than outside diameter of tile line being replaced. (Specifications regarding gage, cathodic protection and other details to be subject to review and approval.)
 - iii. Dual wall plastic with specific approval of Drainage District representative.
 - iv. Bore new utility installation; maintain existing tile in an undisturbed state.
 - d. The length of tile to be replaced by any of the above alternates is as follows:
 - i. Eight-inch (8") tile and smaller: Six feet (6') either side of centerline of proposed installation, measured at right angles to the centerline of installation.
 - ii. Ten inch (10") tile and larger: Ten feet (10') either side of centerline of proposed installation, measured at right angles to the centerline of installation.
 - e. At all crossings of Drainage District tile lines where the Drainage District and private tile lines are damaged by the construction, maintenance or repair of Applicants installation shall be repaired as directed by the Drainage Districts designated representative.
15. This permit is subject to existing regulations and statutes of the State of Iowa and future regulations, which may be promulgated or enacted.
16. This application is subject to revocation by Hardin County, if in its judgment it is necessary for legitimate purposes. In such event, written notice shall be provided to permit holder.
17. Applicant agrees to pay all other legitimate costs, fees and expenses associated with its crossing of the Drainage District facility, including but not limited to, publication costs, engineering costs and legal service costs. Said costs will be paid within thirty (30) days of the mailing of the statements to the Applicant.
18. Applicant agrees to provide a copy of as-built plan of the utility route and location, showing route changes that may have taken place during construction.
19. Applicant agrees to include a copy of these requirements to all bidding specifications; or if the construction and installation contract has been let by the time this permit is approved, Applicant agrees to provide a copy of these requirements to the contractor and to advise them that they are bound by the terms of these requirements.

Denise Smith

From: Ron Sailer <rgsace1020@gmail.com>
Sent: Monday, October 28, 2019 9:02 PM
To: Denise Smith
Cc: Ron Sailer
Subject: easement

I'm willing to sign the easement as long as I can connect on to it. I'm unsure when I would be able to make it over to Eldora, my current responsibilities at work along with upcoming holiday seasons, make it unlikely during regular hours. Can we do this via email?

Ron Sailer



Michael C. Richards
MikeRichards@davisbrownlaw.com
phone: 515-246-7986
Des Moines Office

October 25, 2019

Sent via e-mail to: franksmith@franksmithlawoffice.com

Frank Smith
Frank Smith Law Office
4215 Hubbell Avenue
Des Moines IA 50317

Re: Hardin County Drainage District Utility Permitting Process and Conditions

Dear Mr. Smith:

I represent the Hardin County Drainage Districts and its Board of Trustees (collectively as "Trustees"). On October 1, 2018, I sent a letter to the Iowa Regional Utilities Association (IRUA) regarding their failure to comply with drainage utility permitting requirements pursuant to Iowa Code section 468.186. You responded to my letter on October 5, 2018 indicating that you planned to meet with your client to discuss the contents of my letter. You also requested copies of certain documents, which my office sent to you by letter dated October 10, 2018.

It has come to the Trustees' attention that IRUA has again committed violations of permits granted to them by the Trustees. The failures include but are not limited to a failure to obtain proper locates, failure to inspect the tile after repairs are completed, failure to pay all costs of any reconstruction, relocation, modification, or reinstallation of the drainage or levee district's facility which may be necessary as a result of construction of the installation for which the easement was granted, and other such failures. These are the same violations cited in my October 1, 2018 letter.

Iowa Regional Utilities Association is hereby put on notice that it must immediately cease and desist any and all conduct which is in violation of the permitting process and conditions established pursuant to Iowa Code section 468.186.

In addition, the Trustees would like to schedule a meeting with the IRUA. As the Trustees would like an attorney from my office present, you should plan to attend the meeting as well. Please provide me with some dates of availability.

#3116599

DAVIS BROWN KOEHN SHORS & ROBERTS P.C.

Frank Smith
October 17, 2019
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The Trustees reserve any and all claims and causes of action against Iowa Regional Utilities Association related to these matters, and this correspondence shall not be deemed a waiver of any rights.

Very truly yours,

DAVIS, BROWN, KOEHN, SHORS & ROBERTS, P.C.

A handwritten signature in black ink, appearing to read "mcrich", written in a cursive style.

Michael C. Richards

cc: Denise Smith

DD#	(Trustee-Orange) (Inactive-Gray)	Sub or Lateral	PARCELS
		1	109
		2	
		3	
		3 Div 1	
		3 Div 2	
		3 Div 3	
		4	
		4 Main	
		4 Lat 2	
		4 Lat 3	
		4 Lat 4	
		4 Lat 5	
		4 Lat 6	
		4 Lat A	
		4 Lat B	
		4 Lat C	
		5	
		6	75
		7	95
		7 Div 1	19
		8	44
		8 Div 2	
		9	38
		10	80
		11	133
		12 Main	25
		12 Lat A	
		12 Lat B	
		12 Lat C	
		13	
		14	27
		15	34
		16	
		17	21
		18	
		18 Main	
		18 Lat 1	
		18 Lat 2	
		18 Lat 3	
		18 Lat 4	
		18 Lat 5A	
		18 Lat 5B	
		18 Lat 6	
		19	32
		20	89
		21	60
		22	59
		23	18
		24	25
		25	168
		26	435
		26 Lat 2	

26	Lat 4	
27		20
28		15
29		26
30		20
31		34
32		25
33		
34		79
34	Lat 1	
34	Lat 3	
34	Lat 65	
35		
36		47
37		36
38		46
39		
40		12
41		46
42		33
43		18
44		32
45		
46		22
48		281
48	Lat 1	
49		50
50	(Sub of DD 3)	
51		18
52		146
54		45
55		
55	Div 1	
55	Div 1/Lat 2	
55	Div 2	
55	Div 2/Lat 6 & 6A	
55	Div 2/Lat 33G	
55	Div 3	787
55	Div 3/Lat 9	56
55	Div 3/Lat 9A	23
55	Div 3/Lat 9C	8
55	Div 3/Lat 10	131
56		169
56	Div 1	
57		
60		33
61		91
62		38
63		13
64	(Sub of DD 3)	
65		9
66	(Sub of DD 3)	
67	(Sub of DD 3)	
68		37

69		11
70		103
70 Orig Lat 1		
70 Orig Lat 2		
70 Orig Lat 3		
70 Orig Lat 4		
70 Lat 1		
70 Lat 2		
70 Lat 3		
70 Lat 4		
70 Lat 5		
70 Lat 6		
70 Lat 7		
70 Lat 8		
70 Lat 9		
70 Lat 10		
70 Lat 11		
70 Lat 12		
70 Lat 13		
70 Lat 14		
70 Lat 15		
70 Lat 16		
70 Lat 17		
70 Lat 18		
70 Lat 19		
70 Lat 20		
72		76
73		24
74		15
76		
77		12
78		35
79		10
80		17
81		16
82		89
83		16
85		16
86		104
87	Several	
88	Lat 1	15
90		
91		
92		
93		29
94		26
95		49
97		
98		
99		14
100		17
101	(Sub of DD 3)	
102		55
103	(Sub of DD 3)	

106		
108		16
109		23
110		
110	Ex	
110	Main	
110	Lat 1	
111	(Sub of DD 3)	
113		
114		
116		
119		47
120	Ext of DD 5	64
121		53
122		12
123		165
123	Lat 1	
124		29
125		15
127		19
128		13
129		9
130		
130	Ext 1	8
130	Ext 2	
131		42
132		
133		22
134		
135		23
136		26
137		
138	(Sub of DD 3)	
139		9
140		13
142		11
143		486
144		
145		
146		88
147		16
148		
148	Sub 1	62
149	(Sub of DD 3)	
150		33
152	Main	95
152	Lat 1	
152	Lat 2	
152	Lat 3	
152	Lat 3A	
152	Lat 5	
154		41
155		17
156	(Sub of DD 3)	

157		27
158		27
159		15
160		13
161		19
162		36
165		27
165	Lat 1	
165	Lat 2	
165	Lat 3	
166	Main	109
166	Open	
166	Lat 1	
166	Lat 2	
166	Lat 3	
166	Lat 4	
166	Lat 5	
167		67
168		46
169		21
Big 4	Lat 1	
Big 4	Lat 2	
Big 4	Lat 3	81
Big 4	Lat 4	
Big 4	Lat A	
Big 4	Lat B	
Big 4	Lat C	
Big 4	Lat D	
Big 4	Lat E	
Big 4	Main	528
Big 4	Main Drain-Wilke	
Big 4	Upper Main Drain	
H-F 1	Total	100
H-F 1	Lat 1	
H-F 1	Main	
H-F 1	Add'l	
H-F 2		21
H-F 3-47		
H-F 4-53		72
H-F 5-75		19
H-H 1-103		9
H-H 2-104		32
H-H 3-110	Main Tile	24
H-H 3-110	Hardin Branch	
H-H 3-110	Main Open	
H-H 4-122		16
H-H 104-222		21
H-H 105-216		25
H-H 118-232		
H-H 118-232	Div 1	
H-H 118-232	Div 2	18
H-H 164-294	Main	5
H-H 164-294	Lat 1	
H-S 3-58		22

H-S 4-112	
H-S 35-1	

28
211

		Minimum proposed assessment per parcel is \$5.00	Total amount generated at \$5.00 assessment for each parcel.
TOTAL	7877	\$5.00	\$39,385.00

NOTICE TO BIDDERS
FOR TREE AND BRUSH CONTROL OF OPEN DITCHES IN
HARDIN COUNTY DRAINAGE DISTRICTS

Notice is hereby given that sealed bids will be received by the **County Auditor of Hardin County, Iowa, at their office in the Hardin County Courthouse, 1215 Edgington Ave., Suite 1, Eldora, Iowa 50627, until 11:30 a.m. on December 18, 2019** for open ditch tree and brush control of Hardin County Drainage Districts 3, 7 & Sub 1, 18, 26, 34, 48, 55 Div 2, 55 Div 3 Main, 55 Div 3 Lat 9, 55 Div 3 Lat 9A, 55 Div 3 Lat 9G, 55 Div 3 Lat 10, 55 Div 3 Lat 12, 56, 70, 72, 82, 94, 120, 123, 143, 148, 152, 154, 155, 166, 168, Big 4 Lat 1, Big 4 Lat 2, Big 4 Lat 3, Big 4 Lat 4, Big 4 Lat A, Big 4 Lat C, Big 4 Lat D, H-H 104-222, H-H 2-104, H-H 118-232 and H-F 1. Specifications and form of contract are on file in the office of the County Auditor and describe the work involved and the conditions under which it is to be performed. Bids will be opened by the Board of Supervisors of Hardin County (acting as District Trustees) at a meeting to be held in the Hardin County Courthouse at 11:30 a.m. on **December 18, 2019**. Said bids will be acted on at a time and date to be determined at said bid opening.

The proposed work is located in Hardin County, Iowa; and consists of the furnishing of all materials, labor, and equipment to complete the approximate quantities of work, all as described in the plans and specifications and as listed below. One contract will be awarded for this project.

The proposed work consists of a spraying program to prevent any type of tree, brush, noxious plant or invasive species from growing in and on the ditch banks or its right-of-way. This vegetation control is executed so the water will flow at its full capacity and to reduce future repair and maintenance costs. The spraying program will be on a three year rotation cycle. Only State and Federal approved chemicals shall be applied.

All bids must be filed with the County Auditor on or before the time herein stated. All bids must be enclosed in a sealed envelope and plainly identified. The contractor must enter into a contract and provide a certificate of insurance within ten (10) days after the acceptance of their proposal. If awarded, one (1) contract will be awarded to the lowest, responsible bidder.

Published upon the order of the Board of Supervisors of Hardin County (acting as District Trustees), who also reserve the right to reject any or all proposals and to waive informalities and technicalities.

Open Ditches	B & W Control		Comments
	2013 Quote	Actual	
3 (Trustee)			Trustee
7 & Sub 1	\$ 1,000.00	\$ 812.50	
18 (Trustee)		\$ 2,810.63	Trustee
26	\$ 8,500.00	\$ 2,548.00	
34			
48	\$ 5,500.00	\$ 4,969.00	
55 Div 1 (Trustee)	NO	NO	Trustee-No want bids
55 Div 2 (Trustee)			Trustee
55 Div 3 Main			
55 Div 3 Lat 9			
55 Div 3 Lat 9A			
55 Div 3 Lat 9G			
55 Div 3 Lat 10			
55 Div 3 Lat 12			
56			
70			
72			
82			
94			
110 (Trustee)	NO	NO	Trustee-No want bids
120			
123	\$ 500.00		
143			
148	\$ 1,500.00	\$ 578.13	
152			
154			
155	\$ 2,500.00	\$ 949.38	
166	\$ 2,500.00	\$ 529.88	
168	\$ 2,500.00	\$ 977.00	
Big 4 Lat 1	\$ 3,500.00	\$ 1,707.50	
Big 4 Lat 2	\$ 3,500.00	\$ 2,532.50	
Big 4 Lat 3	\$ 3,500.00	\$ 2,585.00	
Big 4 Lat 4	\$ 3,500.00	\$ 2,835.75	
Big 4 Lat A	\$ 2,500.00	\$ 216.75	
Big 4 Lat C	\$ 3,000.00	\$ 2,566.50	
Big 4 Lat D	\$ 1,000.00	\$ 239.63	
Big 4 Main	\$ 20,000.00	\$ 18,182.25	
H-H 104-222			
H-H 2-104			
H-H 118-232			
H-F 1			

Open Ditches	Comments
3 (Trustee)	See Map
7 & Sub 1	Section 5-86-22
18 (Trustee)	Sections 24, 23, 26, 27, 34 of 89-22
26	Sections 30, 32, 33 of 88-22; Sections 1-4 of 87-22
34	Section 20-86-22
48 (Trustee)	Sections 8, 9, 16, 22, 23 & 24 of 88-21
55 Div 2 (Trustee)	Section 20-87-22 thru 25-87-22; Section 30-87-21 thru 32-87-21
55 Div 3 Main	Section 34-87-22 through 36-87-22
55 Div 3 Lat 9	Section 1-86-22 (NW 1/4)
55 Div 3 Lat 9A	Section 1-86-22 (SW 1/4)
55 Div 3 Lat 9G	Section 1-86-22 (NE1/4 NE1/4)
55 Div 3 Lat 10	Section 36-87-22
55 Div 3 Lat 12	Section 34-87-22 & 3-86-22
56	Section 1-87-22
70	Section 4-87-20
72	Section 28-86-20
82	Section 17-87-21
94	Section 12 -88-19
120	Section 16 of 89-20
123	Section 3-87-22
143	Section 34-87-22
148 (Trustee)	Section 8-89-19
152	Section 14-87-22
155	Section 11-89-19
166	Section 21-87-22
168	Section 18-87-22 through 21-87-22
Big 4 Lat 1	Section 9-89-22 & 10-89-22
Big 4 Lat 2	Section 17-89-22 & 18-89-22
Big 4 Lat 3	Sections 20, 17, 16, 21, 22 of 89-22
Big 4 Lat 4	Section 30-89-22 & 32-89-22
Big 4 Lat A	Section 4-89-22
Big 4 Lat C	Section 31-89-22
Big 4 Lat D	Section 30-89-22
Big 4 Main	See Map
H-H 104-222	Section 31-88-22
H-H 2-104	Section 6-87-22
H-H 118-232	Section 6-88-22
H-F 1	Section 7-89-20

Open Ditches	Joe Harrah	B & W Control							Location
	2016 Quote	2016 Quote	2013 Quote	2013 Actual	2010 Quote	2010 Actual	2007 Quote	2007 Actual	
3 (Trustee)	\$ 8,500.00	\$ 8,500.00							See Map
7 & Sub 1	\$ 200.00	\$ 1,000.00	\$ 1,000.00	\$ 812.50	\$ 750.00	\$ 342.50			Section 5-86-22
18 (Trustee)	\$ 4,000.00	\$ 5,500.00							Sections 24, 23, 26, 27, 34 of 89-22
26	\$ 5,000.00	\$ 6,500.00	\$ 8,500.00	\$ 2,548.00	\$ 8,500.00	\$ 4,134.25	\$ 7,500.00	\$ 6,381.88	Sections 30, 32, 33 of 88-22; Sections 1-4 of 87-22
34	\$ 200.00	\$ 1,000.00							Section 20-86-22
48	\$ 5,000.00	\$ 5,500.00	\$ 5,500.00	\$ 4,969.00	\$ 5,500.00	\$ 3,633.63	\$ 5,000.00	\$ 1,920.50	Sections 8, 9, 16, 22, 23 & 24 of 88-21
55 Div 2 (Trustee)	\$ 6,500.00	\$ 9,500.00							Section 20-87-22 thru 25-87-22; 30-87-21 thru 32-87-21
55 Div 3 Main	\$ 2,500.00	\$ 9,500.00							Section 34-87-22 through 36-87-22
55 Div 3 Lat 9	\$ 500.00	NdsTreeRemoval							Section 1-86-22 (NW 1/4)
55 Div 3 Lat 9A	\$ 500.00	NdsTreeRemoval							Section 1-86-22 (SW 1/4)
55 Div 3 Lat 9G	\$ 500.00	NdsTreeRemoval							Section 1-86-22 (NE1/4 NE1/4)
55 Div 3 Lat 10	\$ 1,000.00	\$ 5,500.00							Section 36-87-22
55 Div 3 Lat 12	\$ 500.00	\$ 2,500.00							Section 34-87-22 & 3-86-22
56	\$ 500.00	\$ 2,500.00							Section 1-87-22
70	\$ 200.00	\$ 1,000.00							Section 4-87-20
72	\$ 400.00	NdsTreeRemoval							Section 28-86-20
82	\$ 800.00	\$ 1,000.00							Section 17-87-21
94	\$ 200.00	\$ 1,500.00							Section 12 -88-19
120	\$ 500.00	NdsTreeRemoval							Section 16 of 89-20
123	\$ 200.00	\$ 500.00	\$ 500.00						Section 3-87-22
143	\$ 500.00	\$ 1,500.00							Section 34-87-22
148 (Trustee)	\$ 1,000.00	\$ 1,500.00	\$ 1,500.00	\$ 578.13	\$ 1,500.00	\$ 593.00	\$ 1,500.00	\$ 727.00	Section 8-89-19
152	\$ 500.00	\$ 1,500.00							Section 14-87-22
154	\$ 200.00	\$ 1,000.00							Section 29-86-21
155	\$ 800.00	\$ 2,500.00	\$ 2,500.00	\$ 949.38	\$ 2,500.00	\$ 601.88	\$ 2,000.00	\$ 458.50	Section 11-89-19
166	\$ 2,000.00	\$ 1,500.00	\$ 2,500.00	\$ 529.88	\$ 1,500.00	\$ 985.00	\$ 1,500.00	\$ 387.25	Section 21-87-22
168	\$ 2,500.00	\$ 1,500.00	\$ 2,500.00	\$ 977.00	\$ 1,500.00	\$ 882.50	\$ 15,001.00	\$ 450.16	Section 18-87-22 through 21-87-22
Big 4 Main	\$ 11,000.00	\$ 15,000.00	\$ 20,000.00	\$ 18,182.25	\$ 6,000.00	\$ 1,807.00	\$ 5,000.00	\$ 1,249.34	See Map
Big 4 Lat 1	\$ 2,500.00	\$ 3,500.00	\$ 3,500.00	\$ 1,707.50	\$ 2,500.00	\$ 691.00	\$ 2,000.00	\$ 1,427.00	Section 9-89-22 & 10-89-22
Big 4 Lat 2	\$ 1,000.00	\$ 3,500.00	\$ 3,500.00	\$ 2,532.50	\$ 2,500.00	\$ 1,229.00	\$ 2,500.00	\$ 2,188.56	Section 17-89-22 & 18-89-22
Big 4 Lat 3	\$ 2,000.00	\$ 3,500.00	\$ 3,500.00	\$ 2,585.00	\$ 2,500.00	\$ 868.25	\$ 2,000.00	\$ 865.82	Sections 20, 17, 16, 21, 22 of 89-22
Big 4 Lat 4	\$ 2,000.00	\$ 3,500.00	\$ 3,500.00	\$ 2,835.75	\$ 3,500.00	\$ 1,884.75	\$ 2,500.00	\$ 2,034.63	Section 30-89-22 & 32-89-22
Big 4 Lat A	\$ 500.00	\$ 2,500.00	\$ 2,500.00	\$ 216.75	\$ 2,500.00	\$ -	\$ 1,500.00	\$ 877.25	Section 4-89-22
Big 4 Lat C	\$ 1,000.00	\$ 3,000.00	\$ 3,000.00	\$ 2,566.50	\$ 2,000.00	\$ 441.75	\$ 1,000.00	\$ 626.25	Section 31-89-22
Big 4 Lat D	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 239.63	\$ 750.00	\$ 100.07	\$ 750.00	\$ 594.38	Section 30-89-22
H-H 104-222	\$ 500.00	\$ 2,500.00						\$ 1,388.75	Section 31-88-22
H-H 2-104	\$ 1,500.00	\$ 3,500.00						\$ 3,678.13	Section 6-87-22
H-H 118-232	\$ 1,000.00	\$ 1,500.00							Section 6-88-22

H-F 1	\$ 1,500.00	\$ 1,500.00								Section 7-89-20
COUNTY TOTALS	\$ 51,700.00	\$ 93,500.00	\$ 65,000.00	\$ 42,229.77	\$ 44,000.00	\$ 18,194.58	\$ 49,751.00	\$ 25,255.40		
TRUSTEE TOTALS	\$ 19,000.00	\$ 23,500.00	\$ -							
GRAND TOTALS	\$ 70,700.00	\$ 117,000.00	\$ 65,000.00	\$ 42,229.77	\$ 44,000.00	\$ 18,194.58	\$ 49,751.00	\$ 25,255.40		
			65%		41%		51%			