

**AGENDA**  
**REGULAR DRAINAGE MEETING**  
**December 4, 2019 1:00 PM**  
**Regular Meeting To Follow DD 72 Landowners Meeting**

1. Open Meeting
2. Approve Agenda
3. Approve Minutes  
- Regular Meeting, November 27, 2019

Documents:

[11\\_27\\_2019 - DRAINAGE MINUTES.PDF](#)

4. Discuss W Possible Action - Drainage Utility Permit Process  
Discuss Drainage Utility Permit Application as it pertains to wind turbine ordinances.
5. DD 22 - Discuss W/ Possible Action - Request For Authorization To Repair Ryerson Septic Lines

DD 22 - Clapsaddle - Garber Associates request the Trustees to authorize Gehrke, Inc to repair septic lines on the Ryerson property with an estimated cost of \$3,680. The Contractor will investigate the laterals to determine consistent spacing to reinstall the two laterals that were excavated out; it is estimated that each lateral will be 60 feet or less and will be bed in 1-inch clean rock.

6. DD 86 - Acct 6789.3 - Discuss W/ Possible Action  
Clapsaddle - Garber Associates will provide Engineer's Report for review on repairs to the main tile with request to set hearing date/time.
7. DD H-H 118-232 - Discuss W/ Possible Action - 2018-9 Aureon Utility Observation Report  
DD H-H 118-232 - Clapsaddle - Garber Associates has submitted a Utility Observation Report for Drainage Utility Permit 2018-9 (Aureon) for review.

Documents:

[DD H-H 118-232 UTILITY OBSERVATION SUMMARY.PDF](#)

8. Discuss W Possible Action - Open Ditch Brush Control  
Contractor Adam Seward has submitted a quote for Open Ditch Brush Control.

Documents:

[SEWARD QUOTE FOR 2020 OPEN DITCH BRUSH CONTROL.PDF](#)

9. DD 55-3 LAT 9 - Discuss W Possible Action  
DD 55-3 LAT 9 - Calendar reminder to look at 12/5/2018 Drainage Minutes, to see if there are any projects in the works to re-look at boundary differences.

Documents:

10. Other Business
11. Adjourn Meeting

**REGULAR DRAINAGE MEETING**  
**November 27, 2019 11:00 AM**

11/27/2019 - Minutes

1. Open Meeting

Hardin County Board of Trustees Chairperson, Renee McClellan opened the meeting. Also present were Trustee Lance Granzow, Trustee BJ Hoffman; via conference call - Lee Gallentine with Clappsaddle-Garber Associates (CGA); Contractor Adam Seward; Landowners Curt Groen and Jean Groen; and Drainage Clerk, Denise Smith.

2. Approve Agenda

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

3. Approve Minutes

Hoffman moved, Granzow seconded to approve the minutes for Regular Drainage Meeting dated 11/20/2019. All ayes. Motion carried.

4. DD 150 - Approve Drainage Utility Permit Application 2019-3 With Midland Power Cooperative

DD 150 - Midland Power Cooperative submitted a Drainage Utility Permit Application to cross through DD 150, and they have proposed a simple crossing that runs over 1 tile at the road crossing on County Hwy D41, where the tile goes under the highway. The power lines will run along the highway, and only cross over the one single tile line. Granzow stated that Midland will need to follow and understand the permit process. Lee Gallentine stated where Midland is doing overhead work, all they have to do is go out and locate the tile and make sure they don't put a power pole through it. Once Midland located the tile, CGA will go out and shoot photos to verify tile location in relation to poles, once Midland sets the poles, CGA will shoot additional photos, and it should be a pretty simple process.

Granzow moved to approve the Midland Power Cooperative Drainage Utility Permit Application 2019-3. Hoffman seconded. All ayes. Motion carried.

5. DD 124 - WO #225 Discuss, W/ Possible Action, Contractor Update

DD 124 -WO #225 - Smith stated Adam Seward was present today to give an update on WO #225. Seward was directed to go out and locate 2 tiles, run his locator up the tiles, and report his findings back to the Trustees. Seward reports the dead tile is located to the south and it is broken in so many places that he could only run the locator up about 50' to 75' before hitting dirt or cement that the tile is crushed in with. Seward pulled off the tile, not knowing if the Trustees wanted him to take equipment up there and actually dig it up and locate it all the way, which he didn't feel was worth the money to do because the tile has no water running through it and he thinks it has been tiled over, and either crushed or abandoned.

Gallentine asked if that tile is dead, where does the second tile go then. Seward stated it goes up approximately 300' then crosses the highway, but in order to continue to follow that tile, he would have to dig and put the probe in again. Seward was not ready to do that until he had clearance from the highway or CGA and there is still crops in where he would have to dig, so he is waiting for Nick Patton to harvest. Gallentine asked if both tile are the same size, and were they both the larger 24" tiles. Seward said yes roughly, he thought it may get reduced back as it goes back in the farm field, but this would all be cement or clay tile. Gallentine asked if the tile that was still active had water flowing through it. Seward replied yes it did have water flowing through it at about 75%, he recommends to leave it alone until it has a problem. Seward said his understanding was that there were suck holes reported on the old tile, he states the tile is just giving way and it is caved in and not a suck hole. The other problem is that the tile is right next to a Heart of Iowa line, which made locating difficult as they both use a copper line, Seward's locator is copper and the HOI line is copper as well, it could be a bit odd.

Seward's recommendation is to kill the tile, fill it in with dirt and proceed that way. Gallentine asked where the other active tile is. Seward stated it runs along the highway, along ditch bottom, almost on the field side bank, even further south of the old tile. Gallentine asked if it is south of the power lines. Seward stated yes, it is approximately 3' south of the power lines. Gallentine said ok it is south of the power lines, and he is asking because we had a utility permit with Midland when they built a house and we thought they were going to cross our tile, and Midland dug up the old clay one thats right on the toe or shoulder of the road, but it sounds like that is the dead tile so that didn't matter. Seward says correct, and thinks we should just leave well enough alone and maintain the small holes we do have now and he does not foresee the new tile having any issue whatsoever. Gallentine stated to be

sure to put that in writing so they can call you up when it does, and his only concerns were the suck holes on the side of the road. Gallentine stated if those suck holes are on the dead tile then the only district tile out there is the active tile and not the dead tile. Seward says correct, and there is no reason for him to go any further, Gallentine said if it is not an active tile there is no reason to go any further. Seward stated that the holes should still be filled in, Gallentine agreed and said now the issue is whether that is a district problem or a secondary roads issue.

Seward stated since it was our old tile, it is probably our responsibility but that was up to the Supervisors to decide. Gallentine stated that if it is abandoned it may not necessarily be our responsibility, but it is the district's call on what they want to do. Seward stated if they decide to make a work order, he will go extract the old tile and fill in ditch and grade it, and if not he will move on to the next work order. Gallentine stated please note this in the district history so that if there are any other issues in the future, this is noted that it is a dead tile. Smith will put that info in the work order notes and District's file. Granzow stated that the District wanted to keep this at a minimal a cost as possible, which would mean leave it for Secondary roads. McClellan says then we leave it for Secondary Roads. Granzow stated that they can fill it in, and asked if there was any water flowing through the old tile. Seward replied, no water is flowing through the dead tile. McClellan directed Smith to notify Secondary Roads that this is their issue now and to make notes in the District files.

#### 6. Discuss W/ Possible Action - Contractor Availability

Smith stated that at the last meeting the Trustees had asked Smith to reach out to out of county contractors, she reached out to 25 out of county contractors. Of the 25, only 4 replied that they were interested in doing work in Hardin County. Those 4 contractors include A&B Trenching who has worked with Gallentine on projects in Franklin County, he said he would send an updated Certificate of Insurance. Casey Crawford Trenching of State Center said they were interested in spring work but they were booked out through this fall. Hatch Grading and Contracting out of Dysart said they are interested, and they have a tile crew that will be wrapping up their current projects soon, Hatch has returned to Smith a list of his rates, services and equipment available, Certificate of Insurance which includes workman's comp coverage, so he is ready to go. Ricken Tiling from Melbourne said yes, they were interested in work in Hardin County, and Smith sent them an email, no reply as of yet. Smith did get four "maybe" replies from contractors, Hall Backhoe & Trenching out of Roland, Hayes Brothers Drainage out of Grundy Center, Schoppe's out of State Center and Weidemann's out of Dows, and Smith sent them all an email with our policy and the required information they would need to return to us to be considered. Smith has not heard back from them but will follow up with them after the Thanksgiving holiday. McClellan asked if Smith had heard back from Justin Ross, Smith stated that she understood either Gallentine or the Trustees were reaching out to Ross. Gallentine stated he has not had a chance to reach out to Ross yet on that single work order, that the landowner wanted an update on.

Smith stated she has passed on all of Hatch's information to Gallentine, so if there is something the Trustees would like to do to direct Hatch or to decide which work orders he might be suited for, Smith will leave that up to the Trustees. Granzow wanted to remind everyone that we are still looking at in county contractors first, Smith agreed. Gallentine stated that now that Seward has the WO #225 done, that will free him up. Gallentine asked Seward what his availability was. Seward stated he is ready for the next work order. Gallentine stated that Seward is the logical choice for the next ones on the list, and asked how many work orders does he think he can handle a week. Seward stated that it will depend on size of the job. Gallentine stated the next 4 weeks will be critical as to whether or not we can get them done or not. Seward stated that he can start working on them, weather permitting. Gallentine stated it would not get any drier between now and the end of the year. Seward said as long as the landowner is ok with us tracking across the field and potentially making ruts, or does not get froze out he is ready, Seward did purchase an ice pick for his excavator which should allow him to get through frozen ground better now. Gallentine stated, be sure to contact the landowner ahead of time, and if they say no we have to wait and the landowners need to understand that by the time it dries out we may no longer have a contractor available immediately.

Wind Turbines - Gallentine asked how many work orders Seward thought he could handle, because if he can only handle one a week it is obvious we should get someone else on the line right now as we have at least 6 to 8 open work orders waiting on contractors. Seward said as long as Gallentine has an idea how long it should take that he could meet their standards, Gallentine asked if Seward had full time availability, 5 days a week for drainage work. Seward stated yes he does. Gallentine stated then lets see how many we can get through next week and go from there if the Trustees are ok with that. All Trustees, replied yes they are fine with that. Gallentine will email Seward some work orders, and Seward can start contacting landowners. All agreed it was a good solution and they would like to stay in county with contractors whenever possible.

#### 7. Other Business

DD 22 - Smith had reached out on DD 22 to the Forterra Rep to see if they would attend our landowners meeting on December 16th at 9:00 am. Jim Sweeney responded and said a rep from Forterra will attend the Landowners



Meeting on December 16th, so someone from Forterra will be here to address issue of tile quality on this project.

Smith asked if we need to have a conversation about windmills and drainage. County Attorney, Darrell Meier had recently visited with Smith regarding windmills and drainage and it raised a few questions which Smith may not be experienced enough yet to answer. Some of those questions include do our Joint Drainage Districts with other counties and our private Trustee Districts need to approve Drainage Utility Permits as well, Smith is aware that the Supervisors acting as Trustees, would review/approve Permit applications for DD's in which they act as Trustees, but was unsure if private Trustee Districts or Joint Districts would have to meet to review/approve Drainage Utility Permits. Granzow stated that if we are the controlling county in a Joint District and the permit is in our county, then the Supervisors acting as Trustees would review/approve those applications. Gallentine stated that is how it has been done in the past, and if the windmill is in Hardin County, the utility will still have to submit the permit to Hardin County whether we are the controlling district or not. Smith stated in her discussion, Meier was researching whether we need to be more restrictive, less restrictive or similar to what other counties do in regards to windmill permitting, simply due to the sheer size and weight of the windmills and the equipment that would be crossing over our district facility tile in the process of assembling those windmills.

Smith stated that it appeared to her, that the areas where there are newly proposed windmill sites, are heavily drained areas of the county and Smith is looking for feedback from the Trustees as to their thoughts. Smith asked if this was a conversation that we need to facilitate with Gallentine who has the engineering experience and include Attorney Meier who has the legal experience to decide what that policy looks like or to decide how that policy will be affected, Smith stated we of course have the Drainage Utility Permit in place that a windmill utility must submit to the Trustees. Hoffman asked does any decision the Supervisors make supercede what the Drainage Districts can or can't do, the Supervisors directed County Attorney Meier to research how the county as whole should deal with wind turbine development. Hoffman asked if we want to wait until we get the legal opinion from Attorney Meier before we make these decisions. Hoffman queried should we have Smith invite Attorney Meier to attend our next regular meeting to discuss this topic with them, thinking as Drainage Trustees, rather than as County Supervisors. Granzow agreed. Gallentine stated we could forward on the copy of the wind turbine agreement that Franklin County uses to Meier as a framework for reference. Smith replied she has already provided Meier with that form and has provided Meier with a copy of Hardin County's utility Permit as well.

Open Ditch Spraying - Granzow asked if we needed to bid open ditch spraying, it was discussed in previous meetings that open ditch spraying was not required to be bid as the costs were billed to each district and would not exceed \$50,000 in costs per district. Granzow asked if we could discuss this with Seward at next week's meeting. Seward replied yes, and that he had submitted an estimate this morning. Smith will add it to next week's agenda. Seward submitted an estimate but the 2020 chemical price lists are not out yet, but he will update that as soon as new prices are available. Hoffman asked if Seward would gather expert info on best chemicals/practices. Seward said yes he would.

Potential Assessment for Legal Fees & Administrative Costs - Smith had been working on the potential assessment project to cover legal fees and a portion of the Drainage Clerk's salary that the Trustees had tasked her with several weeks ago and had questions for the Trustees. Smith has been working on the classifications for each district, and has done 92 districts so far out of the 270 on her list. Smith reached out for feedback from another county on how they do this process. Smith spoke with Wright County to gather some feedback on how they do this process, as this is the first time she has done it. Granzow stated we are trying to do what no other counties want to do, the Clerk is currently full time drainage only, and is paid from rural services and the general fund, the Drainage Clerk should be 100% paid by Drainage. Hoffman stated someone in Radcliffe doesn't contribute anything to drainage but are currently paying a portion of the clerk's salary. Hoffman stated when we put together drainage minutes, agendas, or when we get legal opinions, that should be paid by Drainage. Granzow stated that other counties add 3% over the costs of active drainage projects or a flat administrative fee on top of the projects. Granzow stated that if a DD has a \$10,000 project or a \$1,000,000 project, that 3% is vastly different on each project, then only your active districts are paying all the costs but all the districts can access the Clerk or legal opinions that may affect all DD's, so the busy districts bear the burden but all gain the benefits. Granzow stated that no one wants to do the work that Smith is doing because it is tedious and time consuming, so other counties just charge the percentage instead. Hoffman stated once the work is done, the next time this would be assessed it would be an easier process if the spreadsheets are all done and just need updating, Smith agreed. Granzow said if a district chooses not to pay into this, you can decommission your district and would then not be part of this assessment.

Smith stated that Wright County had come up with a budget estimate of the costs they would like to cover which included a minimum legal cost estimate, salary costs, and costs for a summer intern that helped with Drainage and then created a spreadsheet to hit their target amount. Smith stated that in previous discussion, the Trustees had mentioned a base estimate for Hardin County was \$45,000, just to say this would be a base place for us to begin on what this potential assessment might look like. Smith created a spreadsheet which reflected if we were to do a \$500, \$1,000 or \$2,000 assessment per district to see what those numbers would look like. With 92 districts

figured so far, at a \$500 potential assessment per district that would generate \$65,000, at \$1,000 potential assessment per district it would generate \$107,000, at \$2,000 potential assessment per district it would generate \$194,000. Smith is at the point now where these numbers are more than we anticipated. Smith explained what Wright County did was to do either a one cent, one and a half cent, two cent or two and half cent assessment to each unit per district which would generate more of the \$5 minimum assessments which we had discussed, which may reduce these potential assessment amounts. If you have larger acres of benefit you may be paying more than the \$5 minimum assessment and if you have fewer acres of benefit, you may just be paying a \$5 minimum assessment. Smith stated that Wright County used to do this assessment every 3 years and that if generation of funds was at \$45,000 per year, they would then assess every 3 years to generate 3x the \$45,000 goal. Wright County found this to be burdensome to go through the preparation to do this so they then went to doing this assessment every 5 years, they still found it was a difficult task to go through and do all the work to prepare the assessment, Wright Co did end up switching to just doing the 3% over their current project costs. They would use that fund and move into a drainage administration account and have a very in depth spreadsheet that looks at the total amount needed to collect to meet their estimated budget needs then adds that into the total amount assessed which tells them how much to move into their administrative fund annually.

That being said, Smith would like feedback from the Trustees as to if she should move forward with the assessment amounts we are attempting to look at now, and does this generate numbers in the ballpark that they are interested in or does she need to look at this in a different way or look at a lower assessment amount less than \$500. Smith stated that this is new to her, she needs to understand what the Trustees would like to see. Granzow stated we should continue at the \$500 level and look at doing the assessment every 3 years if it would be enough to last 3 years and not doing it annually would save on postage. Granzow stated that he didn't think the 3% option was legal, as that money should stay with that district, and didn't think it could be dumped into an administrative fund. Smith stated when we talk about all the DD's should share the legal costs how would that look on the Clerk's end in structuring this, there is a section in code that is 468.154 that allows for additional help for the auditor for the expense of a drainage clerk so there is a place in code that allows us to do that, Smith said she checked that out in code because she was unsure if it was possible as well. It looks like it is doable, and as we look at these IRUA invoices for example, that are waiting to be paid because we were trying to figure out how do we make this account code to pay these invoices from, that would be spread over all the districts. Smith stated she needs direction.

Hoffman stated we have a group of people in Hardin County that are very litigious, and there is a Supreme Court ruling that is going to come out about if Iowa Citizens for Community Improvement can sue the State of Iowa. Hoffman is concerned that this group will not give up, and at some point we will have another Des Moines Waterworks type lawsuit, and finding the money to hire quality legal counsel to protect the life and livelihood of our farmers. Hoffman stated we want good representation when it comes to that, and not having any money in the pot to pay good legal counsel could cost a lot of Hardin County landowners their lives and livelihood. If we say Curt, we know that was your manure that ended up down in Des Moines, I am afraid that that's what it will come down to, you can't help but think they are looking for a paycheck and to politicize how horrible our farmers are. Granzow said we don't budget in our regular County budget for these legal fees. Hoffman stated we would be out there fighting with other counties to find the best legal counsel, Hoffman wants to preserve his property for future generations and if that means having some extra money on hand is probably the best bet going forward. Granzow said if the money would be available it would be used eventually down the line.

McClellan stated she would like to see it get assessed only every 5 years as it is such a process to go through to set it up. Granzow stated he was fine with that. Hoffman said he would like to see it sunset at some point, and maybe that \$1,000 potential assessment level might be good to build a nest egg up front, and the next time we assess we can see how much is left and don't tax next time or change the frequency. Hoffman stated he looks at how expensive it is to just post our legal notices and attorney Mike Richards does a great job, and Hoffman wants to make sure we have the best representation for our people and if Mike Richards or an attorney asks if we have the cash to retain them, and if another county has the money, they will get the better representation.

Granzow stated he is not trying to tax anyone more if they are in a district but this is a district we are maintaining because the code of Iowa tells us we must. McClellan said we would also include any districts that have private Trustees because they would be included in any legal opinions we receive. Granzow asked how many we many districts are on the clerk's list, Smith stated we have 270 on the list, which includes, private trustee districts, inactive districts, laterals and joint districts, which would be pared down to ensure districts are not charged twice. Granzow stated that the Big Four includes many districts for example, and to sure they are only on the list once. Hoffman stated that if we are going to do it, that we want to be respective of the Clerk's time and of the work it takes to compile it, and will make it equitable later. Smith stated she does not mind the work, and will make it as accurate as possible, Smith said once the spreadsheets are set up, it will be only need updated if the classification percentages should change or the amount of the potential assessment would change.

Granzow stated this is the hard way to get there, but thinks it is the correct way to do it, he does not like the way the other counties tag onto projects. Gallentine asked if other counties were based off percentage of acres. Smith stated that Wright County said they are based on the number of units, which was 5,546,485 units, Smith needed clarification if Wright County's units were parcels or acres. Gallentine stated it is probably a unit of benefit, just to make sure we use the existing classifications, and not to base it solely on acres. Smith stated she is using the percentage of benefits based off the classification reports that Tyler generates for that drainage district. Gallentine said that would be on the right track. Granzow asked Gallentine if we were separating open ditches, and we had some questions specific to open ditches. Gallentine said the thought process may have been that open ditches have spraying/maintenance cost that closed tile do not, and have clean outs more often than tiles do. Perhaps the thought process was that open ditches have maintenance more often that may take more of the clerk's time. Granzow said, let's not worry about that then.

Hoffman directed Smith to work through this at her own pace and report back to the Trustees with the current potential assessment levels in the spread sheet.

8. Adjourn Meeting

Granzow moved. Hoffman seconded. All ayes. Motion carried.



# HARDIN COUNTY

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

## HARDIN COUNTY DRAINAGE DISTRICT UTILITY PERMIT APPLICATION

Applicant: Aureon (Iowa Network Services)  
Company Name

7760 Office Plaza Drive South  
Address

West Des Moines                      IA                      50266  
City    State    Zip

Applicant Contact: Ryan Meints (Olsson) for Jeff Klocko (Aureon) (515) 830 - 0112  
Name    Phone

rmeints@olssonassociates.com                      jeff.klocko@Aureon.com  
Email

Utility Type: Buried fiber optics

Drainage District(s) Crossed: DD H-H 118-232

Facilities Crossed (specific tile, open ditch): DD H-H 118-232, DD 18, DD 13, DD 48, DD 64, DD 111, DD 103, DD 3, DD 74, DD 44, DD 62, DD 28, DD 128, DD 1, and DD 8

Description of Work: \_\_\_\_\_  
*(Location plan of proposed utility must be attached.)*                      Directional bore of conduit and direct bury of fiber optic cable per attached plans  
\_\_\_\_\_

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

9/5/2018  
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](mailto:drainage@hardincountyia.gov)

*For Office Use Only*

Application Approval:	
By: _____ <i>Board of Supervisor Chairman, Acting as Drainage District Trustee</i>	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 forth-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.

## Drainage District:

Big Four

## Investigation Summary:

- Utility company (Iowa Network Services) requested to pass fiberoptic cable under the Big Four District Main Open Ditch. Said crossing took place on the south side of County Highway D25, located in the SW¼ SW¼ Section 33, Township 89 North, Range 22 West.
- The contractor completing the work located the fiberoptic cable and provided boring depths by painting the cable depth on the bridge deck.
- The contractor completing the work reported directionally boring the fiberoptic service at 11.6 feet ± below the road culvert at the Main Open Ditch. Since no notice was provided and CGA staff was unavailable, reported boring depths are those provided by the contractor and not from CGA's direct observations.

## Contractor Time and Materials (spent while CGA was on-site):

None recorded. All work was completed by contractor under Iowa Network Services' employ and CGA was not on-site while work was being completed.

## Additional Actions Recommended:

Since CGA staff was not on-site, it is unknown if the reported boring depths are accurate. However, given the reported depth below the Main Open Ditch is well below the historical flowline, the fiberoptic cable should not interfere with future Main Open Ditch repairs.



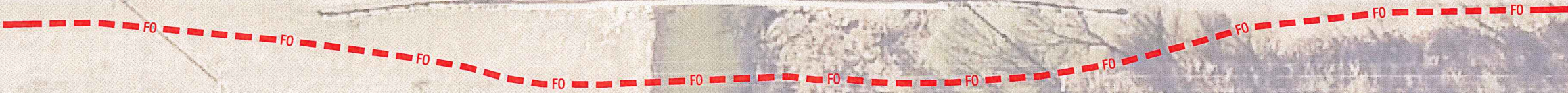




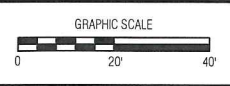
FO FIBER OPTIC CABLE (GPS LOCATE)

MAIN OPEN DITCH

CO HWY D25



P:\6200.6\CADD\Design\6200.6 - UTILITY CROSSING.dwg - Layout-CGA Plan - 12-02-19 - B.Adam - JVS383



NO.	REVISION	BY	DATE	NO.	REVISION	BY	DATE



DESIGNED: JVS DATE: 9/23/2019  
 DRAWN: JVS DATE: 9/23/2019  
 CHECKED: LOG DATE: 9/24/2019  
 APPROVED: LOG DATE: 9/24/2019

**BIG FOUR OPEN DITCH CROSSING**  
 HARDIN COUNTY, IOWA

PLAN VIEW

PROJECT NO. 6200.6  
 SHEET NO. 1 OF 1



CONSTRUCTION ENGINEERING  
OBSERVATION REPORT

DATE: 08/13/2019

DAYS OF WEEK: 

S	M	<b>T</b>	W	T	F	S
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SHEET NO. 1 OF 1

PROJECT NUMBER: 6200.6  
COUNTY, ROUTE, ROAD: CO HWY D25 & BIG 4 MAIN OPEN DITCH CROSS  
LOCATION: MAIN OPEN DITCH FOR BIG 4 SOUTH SIDE OF BRIDGE EAST OF 11987 CO HWY D25 ACREAGE

MID 80'S TO LOWER 70'S SUNNY WITH LIGHT WINDS  
JOB# 6200 BIG 4 SURVEY

DESCRIPTION OF WORK AND MATERIAL USED FOR EACH OPERATION, INCLUDING CONTRACTOR/SUB NAME, ITEM NO. AND LOCATION

5:40 P.M. OBSERVER ARRIVED ON SITE WITH GPS BASE ALREADY SETUP ON GPS# 10002 3/4" Ø IRON REBAR 0.5' DEEP IN SE CORNER OF 1ST FIELD DRIVE SOUTH OF CO HWY D25 ON C&G 3.0' E WEST OF ROAD EDGE. OBSERVER ALREADY CHECKED INTO MAIN NAIL IN ALL INTERSECTION @ AA AVENUE & CO HWY D-25 WITH BOTH HORIZONTAL & VERTICAL CHECKING GOOD.

OBSERVER SHOT LOCATE MARKS FOR LOCATION AROUND BRIDGE & SHOOTING EXISTING FL FOR BIG 4 OPEN DITCH WHERE CABLE FOR RLK CROSSED. OBSERVER SHOT LOCATE MARKS ON BRIDGE WHICH REFER TO DEPTH OF BORE FOR CABLE.

SEE PICTURE DETAIL OF SHOTS TAKEN FOR RLK UTILITY CROSSING BIG 4 MAIN OPEN DITCH ON SOUTH SIDE OF BRIDGE.

5:37 PICTURE # 1187 & # 1188 SEE PICTURE FOR DETAILS

5:59 PICTURE # 1189 SEE PICTURE FOR DETAILS

6:20 OBSERVER LEFT SITE AFTER FINISHING A COUPLE OF GPS SHOTS

I Certify that the work described in this report was incorporated into this contract unless otherwise noted.  
Observer's Signature: Dean Pennig Date Prepared: 08/13/2019  
Reviewed by: \_\_\_\_\_ Engineer  Date Reviewed: \_\_\_\_\_



PICTURE # 1187 IS LOOKING EAST @ BRIDGE EAST OF 11987  
CO HWY D25 THAT CROSSES BIG Y MAIN OPEN DITCH  
CREW PAINTED CABLE DEPTH ON BRIDGE DECK



PICTURE # 1188 IS LOOKING EAST SHOWING 71.6' WEST OF  
BRIDGE WHERE CREW STARTED TO BOR E AROUND  
BRIDGE. CABLE IS AROUND 36" DEEP AT THIS LOCATION



PICTURE # 1189 IS LOOKING WEST TOWARDS EAST OF 11987 CO HWY  
D25 THAT CROSSES MAIN BLK 4 OPEN DITCH, LOOKING  
FROM WHERE CABLE WAS PULLED IN 36"± DEEP TO WHERE  
IT WAS BORED AROUND BRIDGE







CONSTRUCTION ENGINEERING  
OBSERVATION REPORT

DATE: 8/12/19

DAYS OF WEEK: 

S	<b>M</b>	T	W	T	F	S
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SHEET NO. 1 OF 1

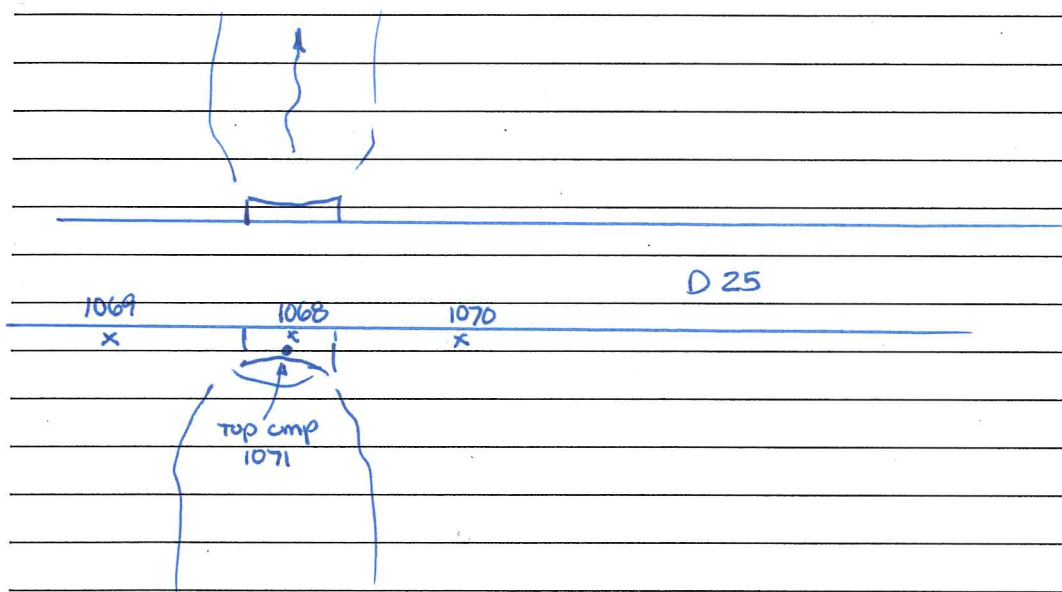
PROJECT NUMBER: \_\_\_\_\_  
 COUNTY, ROUTE, ROAD: 6200 E  
DD. Big 4  
 LOCATION: open ditch

DESCRIPTION OF WORK AND MATERIAL USED FOR EACH OPERATION, INCLUDING CONTRACTOR/SUB NAME, ITEM NO. AND LOCATION Cloudy, Rain, 72°

SET  $\lambda$  ON CPT 10002

MET WITH 2 MEN FROM BORING COMPANY, THEY SHOWED ME TILE AND F.O. LOCATES.  
 SHOT F.O. LOCATES @ LAT C OF BIG 4 OPEN DITCH ON D25 (E-W)  
 # 1068-1071

D25



1068 = 1149.99 - 27.5' To F.O. = 1122.49  
 1069 = 1150.07 - 26.3' To F.O. = 1123.77  
 1070 = 1149.81 - 26.4' To F.O. = 1123.41  
 1071 = 1146.08 - 120' To F cmp = 1134.08

F.O. CLEARANCE = 11.6 UNDER OPEN DITCH

I Certify that the work described in this report was incorporated into this contract unless otherwise noted.

Observer's Signature: [Signature] Date Prepared: 8/12/19

Reviewed by: \_\_\_\_\_  Engineer

Date Reviewed \_\_\_\_\_

6200 BIG4 8-12-19RB

1068,3634642.784,4923002.606,1149.999,GS -27.5  
1069,3634643.248,4922951.467,1150.067,GS -26.3  
1070,3634641.936,4923059.075,1149.809,GS -26.4  
1071,3634629.686,4923005.049,1146.078, TOP CMP 12TO FL  
1072,3634606.641,4926775.044,1151.941,GS -20.9FO  
1073,3634606.321,4926813.515,1152.058,GS -21.5FO  
1074,3634606.315,4926810.794,1152.032,GS -10.0 TILE 8"CLAY  
1075,3634580.533,4926806.674,1147.802,GS -6.0TILE 8"CLAY  
1076,3634655.322,4926825.566,1143.145,GS -33"@INTK  
1077,3634605.728,4926854.790,1152.783,GS -21.4FO  
1078,3634602.374,4927511.594,1154.004,GS -6.5TOP TILE6"CLAY  
1079,3634585.468,4930229.067,1133.608,RIM BEEHIVE-50"FLN  
1080,3634575.549,4930487.142,1133.400,BLOWOUT 2'  
1081,3634529.439,4930463.818,1135.149, TOP SYPTIC TANK  
1082,3634613.153,4929596.668,1145.454, SCF MAG

6200 BIG4 8-13-2019DP

GOOD HORIZONTAL & VERTICAL  
CHECKED INTO FLUSH IN ACC AT AAAVE  
& CO HWY D25

1082,3634613.153,4929596.668,1145.454,SCF MAG  
 1120,3634595.146,4932954.312,1140.265,GS CONC BRIDGE DECK 34' TO CABLE  
 1121,3634595.228,4932902.042,1139.236,GS CONC BRIDGE DECK 30'4" TO CABLE  
 1122,3634595.139,4932852.503,1138.375,GS CONC BRIDGE DECK 29'5" TO CABLE  
 1123,3634597.918,4932761.810,1137.123,GS EOA S SIDE  
 1124,3634598.136,4933036.143,1142.264,GS EOA S SIDE  
 1125,3634597.899,4933070.316,1143.412,GS EOA S SIDE  
 1126,3634590.718,4932686.110,1136.174,GS PULLED CABLE 36"DEEP  
 1127,3634591.327,4932714.673,1136.337,GS PULLED CABLE 36"DEEP  
 1128,3634585.887,4932772.639,1136.369,GS CABLE BORE LOCATE  
 1129,3634584.222,4932786.137,1135.770,GS CABLE BORE LOCATE  
 1130,3634581.886,4932803.033,1133.574,GS CABLE BORE LOCATE  
 1131,3634579.858,4932816.318,1131.987,GS CABLE BORE LOCATE  
 1132,3634577.552,4932829.489,1130.499,GS CABLE BORE LOCATE  
 1133,3634574.217,4932840.938,1128.420,GS CABLE BORE LOCATE  
 1134,3634572.396,4932852.486,1127.683,GS CABLE BORE LOCATE  
 1135,3634572.360,4932862.277,1127.405,GS CABLE BORE LOCATE  
 1136,3634572.205,4932869.941,1126.045,GS CABLE BORE LOCATE  
 1137,3634572.614,4932877.989,1121.721,GS CABLE BORE LOCATE  
 1138,3634573.597,4932887.287,1115.203,EDGE WATER  
 1139,3634573.261,4932889.818,1114.594,FL DD  
 1140,3634593.489,4932844.215,1138.185,BRIDGE SW COR  
 1141,3634593.810,4932972.510,1140.664,BRIDGE SE COR  
 1142,3634574.194,4932912.390,1114.520,FL DD  
 1143,3634573.648,4932915.346,1114.983,GS EDGB WATER  
 1144,3634574.719,4932928.488,1123.006,GS CABLE BORE LOCATE  
 1145,3634573.679,4932937.049,1126.865,GS CABLE BORE LOCATE  
 1146,3634573.954,4932945.414,1131.206,GS CABLE BORE LOCATE  
 1147,3634573.072,4932953.554,1135.233,GS CABLE BORE LOCATE  
 1148,3634572.584,4932964.197,1138.554,GS CABLE BORE LOCATE  
 1149,3634572.755,4932977.510,1139.677,GS CABLE BORE LOCATE  
 1150,3634574.694,4933005.615,1140.622,GS CABLE BORE LOCATE  
 1151,3634578.975,4933030.772,1141.528,GS CABLE BORE LOCATE  
 1152,3634584.697,4933052.516,1142.271,GS CABLE BORE LOCATE  
 1153,3634589.770,4933069.794,1142.986,GS CABLE BORE LOCATE  
 1154,3634594.207,4933111.513,1144.850,GS CABLE PULLED 36" DEEP  
 1155,3634595.190,4933168.691,1146.624,GS CABLE PULLED 36" DEEP  
 1156,3634597.628,4933168.956,1146.998,GS EOA S SIDE  
 10002,3634440.716,4936206.539,1163.310,CPT 3/4 .5DEEP

SET BASE ON MONUMENT

SE COR 1ST FIELD DRIVE  
SOUTH OF CO HWY D25  
ON CAVE 3.0' WEST OF  
ROAD EDGE



Adam Seward  
 29824 Hwy D65  
 Union, IA 50258  
 918-418-0506  
 razorback1977@hotmail.com

Date: 11/27/2019

To:  
 Hardin County  
 Board of Supervisors  
 Court House  
 1215 Edgington Avenue  
 Eldora, IA 50627

PROJECT#

D.D.  
 Ditches

The following is a quote for spraying the brush and tree control in the listed open drainage ditches in Hardin County in 2020.

D.D. #	Hours	Rate	Amount
D.D. #1 (LOCATION?)			\$1,650
J.D.D. #2-104			\$3,850
D.D.# 7			\$1,100
D.D. #26			\$7,150
D.D. #34			\$1,100
D.D. #48			\$6,050
D.D. #56			\$2,750
D.D. #70			\$1,100
D.D. #82			\$1,100
D.D. #84/Big 4 Main			\$16,500
L-1			\$3,850
L-2			\$3,850
L-3			\$3,850
L-4			\$3,850
L-A			\$2,750

L-B		\$1,100
L-C		\$3,300
L-D		\$1,100
D.D. #94		\$1,650
J.D.D.#104-222		\$2,750
J.D.D. #118-232		\$1,650
D.D. #123		\$550
D.D. #143		\$1,650
D.D. #148		\$1,650
D.D. #152		\$1,650
D.D. #154		\$1,100
D.D. #155		\$2,750
D.D. #166		\$1,650
D.D. #168		\$1,650

Adam Seward  
 Drainage Ditch Maintenance Quote

Open Ditch	Feet/Miles	Current Condition of Timber	Truck Feet/Miles	Hike/Float Feet/Miles	Description	Quote Rate
H-F 1	4,000	4		4,000	Starts in field hike in & out. DB?	\$1,650
H-H 2-104	10,300	3	10,300	2,000		\$1,650
H-H 118-232	4,500	2	2,500	2,000		1,100
H-H 104-222	2,900	2	2,900			\$550
3	44,500	2	30,000	14,500		\$9,350
7 & SUB 1	1,777	2	1,777			\$220
18	25,400	3	15,400	10,000		\$4,400
26	39,250	2	36,250	3,000		\$5,500
34	815	1	815			\$220
48	34,850	2	20,000	14,850		\$5,500
Big 4 Main	51,550	1-5	41,550	10,000	Float if possible	\$12,100
Big 4 Lat 1	11,500	2	4,000	7,500	Only access to Big 4 A Hiking	\$2,750
Big 4 Lat A	4,000	2		4,000	Hike while hiking Lat 1	\$550
Big 4 Lat C	6,680	2	6,680			\$1,100
Big 4 Lat D	3,250	3	1,250	2,000		\$1,100
Big 4 Lat 2	9,200	2	9,200			\$1,100
Big 4 Lat 3	9,960	2	4,360	5,600		\$2,200
Big 4 Lat 4	14,670	2	13,670	1,000		\$2,200
55 Div 2	39,350	4-5	13,000	26,350	Float	\$7,150
55 Div 3 Main	14,670	3	14,670			\$2,750
55 Div 3 Lat 9	2,850	5		2,850		\$550
55 Div 3 Lat 9A	1,800	5		1,800		\$550
55 Div 3 Lat 9G	2,660	5		2,660		\$550
55 Div 3 Lat 10	7,145	2	1,000	6,145		\$1,100
55 Div 3 Lat 12	3,471	2	3,471			\$550
56	1,750	3	1,750			\$550
70	2,080	4	560			\$220
72	3,350	1	3,350			\$440
82	4,400	5	2,400	2,000		\$880

Adam Seward  
 Drainage Ditch Maintenance Quote

94	750	2			750 DB Waterways	\$220
Open Ditch	Feet/Miles	Current Condition of Timber	Truck Feet/Miles	Hike/Float Feet/Miles	Description	Quote Rate
120	2,500	5		2,500		\$550
123	1,450	1	1,450			\$220
143	3,550	2	3,550			\$550
148	5,800	2	4,000	1,800		\$1,100
152	3,250	2-3		3,250		\$550
154	330	2	250	80		\$220
155	3,500	4		3,500		\$880
166	9,300	5		9,300	Float if possible	\$2,200
168	12,900	3-4	7,900	5,000	Timber behind acreage	\$2,750
=====	=====	=====	=====	=====	=====	=====
	<b>405,958 ft</b>		<b>258,003 ft</b>	<b>146,435 ft</b>		
<b>TOTAL</b>	<b>77 miles</b>		<b>49.3 miles</b>	<b>27.7 miles</b>		<b>\$77,770</b>

# REGULAR DRAINAGE MEETING

12/5/2018 - Minutes

1. Open Meeting  
Hardin County Board of Supervisors Chairman, BJ Hoffman, opened the meeting. Also present were Supervisors, Lance Granzow and Renee McClellan; Lee Gallentine with Clapsaddle-Garber Associates (CGA); Drainage Clerk, Tina Schlemme.
2. Approve Agenda  
Granzow moved, McClellan seconded to approve the agenda as presented. All ayes. Motion carried.
3. Approve Minutes  
McClellan moved, Granzow seconded to approve the minutes of the November 28, 2018 regular drainage meeting. All ayes. Motion carried.
4. DD 41 - Discuss, With Possible Action, Investigation Summary Of Request For Acres Of Watershed Boundary Parcels  
Gallentine updated the Trustees that they performed a site visit and topographic survey to determine the drainage boundary as requested by landowner, Mike Broer. Based on the maps, it is clear that the area in question does drain towards the district. The Trustees agreed no action is needed and Schlemme is to call Broer to inform him of the findings.
5. DD 52 - Approve Petition To Expand Right Of Way  
It was discussed that Attorney, Mike Richards, drafted a petition to be filed but asked if bond requirements per 468.9 had ever been waived or if the Trustees have ever filed a petition themselves under 468.139. The Trustees agreed that Schlemme should contact Richards and reply that the bond requirements are almost always waived.
6. DD 55-3 Lat 9 - Discuss, With Possible Action, Investigation Summary For Work Order #224  
Gallentine updated the Trustees that they performed a site visit and used lidar elevation data to determine the drainage district boundary as requested by landowner, Randy Dubberke. Based on the information, the boundary lines vary a small amount for a total of less than an acre difference. The Trustees agreed that the landowner's request was answered that the additional land does not flow into his and if action was taken, it would actually add to his assessment and take some away from his neighbor, Granzow. Gallentine stated that the land in question by Dubberke is draining northeast to the creek. The Trustees agreed that this concern should have been addressed last year at the time of the reclassification hearing. They agreed that any differences will be addressed at the next large project. Schlemme is to call and explain the situation to Dubberke.
7. DD 143 - Discuss, With Possible Action, Investigation Summary For Hearing Action Items  
Gallentine presented the investigation summaries for hearing action items.
  - 1) CGA determined the utility that was bored though the main tile was Radcliffe Telephone Company. Granzow moved, McClellan seconded for Schlemme to notify Radcliffe Telephone and ask for them to repair. All ayes. Motion carried.
  - 2) Gallentine reminded the Trustees that the golf course was upset that their trees had to be removed and those in town did not, in which the Trustees asked CGA to submit an inventory of trees within 50' of the main tile. Gallentine presented an investigation summary listing the trees along the main tile route with a cost over \$50,000, so a report and hearing would be required. The Trustees stated that the golf course's tree removal was a different situation as they were included in the existing project and they caused the tile to stop flowing. Currently, the tile through town is flowing and is not part of an existing project. The Trustees agreed that a landowner meeting should be held to discuss how to move forward. They stated the attorney should be available by phone and they should address the right-of-way width at that time. Schlemme is to consult with Radcliffe Mayor, Taylor Roll, to see what the best date and time would be to hold such meeting.
  - 3) Gallentine submitted an opinion of estimated costs to line the existing main tile from the west end of town to the east end as just below \$500,000. The Trustees agreed that option is not feasible, but could be discussed at the landowner meeting as stated in item #2.

8. DD 148 - Discuss, With Possible Action, Repair Summary For Work Order #211  
Gallentine updated the Trustees that the intake was replaced with a HDPE Hickenbottom as directed by the Trustees and suggested by the landowner. No additional actions are recommended.
9. DD 148 - Approve Engineer's Report On Repairs To Open Ditch  
McClellan moved, Granzow seconded to approve the Engineer's Report on Repairs to Open Ditch dated November 30, 2018 and to set the hearing date as Wednesday, January 16, 2019 at 1:00 P.M. in the large conference room. The Trustees added the regular drainage meeting for that day will begin at noon instead of 8:30 a.m. All ayes. Motion carried.
10. DD 26 - Discuss, With Possible Action, Utility Permit #2018-13 With Radcliffe Telephone  
Gallentine presented the investigation summary for Radcliffe Telephone Company which stated no signage was installed due to the crossing being in the road ditch. Typically in the past, the Trustees have waived the sign requirement for this situation. Granzow moved, McClellan seconded to table any action until the concern with Radcliffe Telephone Company on DD 143 is addressed. All ayes. Motion carried.
11. DD 124 - Discuss, With Possible Action, Investigation Summary For Utility Permit #2018-8  
Gallentine updated the Trustees that the utility company, Midland Power, did not give appropriate notice and installed the utility without CGA's observation. Midland provided photos of the installation which shows it was installed under the tile, but is unclear if the 1 foot clearance requirement was met. It was discussed that the upcoming landowner's meeting could help determine what action may be necessary. The Trustees agreed to table any action until after the landowner meeting.
12. DD H-F 1 - Discuss, With Possible Action, Investigation Summary For Utility Permit #2018-10  
Gallentine presented the investigation summary for Winnebago Cooperative Telecom Association which stated no signage was installed due to the road crossing. Granzow moved, McClellan seconded to waive the signage requirement. All ayes. Motion carried.
13. Other Business  

DD 22 - Schlemme presented a landowner concern that a new blowout was discovered on the tile that will be replaced with the upcoming project. The Trustees agreed that Schlemme should contact Engineer, Heather Thomas, of the concern.

DD 26 Lat 4 - Schlemme presented a landowner concern of a wet spot east of C Ave, lying east of the hill. Granzow moved, McClellan seconded to notify Engineer, Heather Thomas, to investigate. All ayes. Motion carried.

GIS Fees - Gallentine explained they had asked Hardin County GIS Specialist, Micah Cutler, for access to the aerial photos of Hardin County to use for drainage district purposes. He asked, on behalf of CGA, if those fees could be waived due to the use of drainage projects. The Trustees discussed that the images would be used for other purposes and some sort of charge should be issued. The Trustees agreed to table any action until Cutler was able to attend.
14. Adjourn Meeting  
McClellan moved, Granzow seconded to adjourn the meeting. All ayes. Motion carried.