

AGENDA
REGULAR DRAINAGE MEETING
Wednesday, July 21, 2021 9:30 AM
Large Conference Room

This meeting will be held electronically and in-person.

To access the meeting call: 1-(312)-626-6799, when prompted enter meeting

ID code: 820 7567 2007

You can also access the meeting online at:

<https://us02web.zoom.us/j/82075672007>

1. Open Meeting
2. Approve Agenda
3. Approve Minutes

Documents:

[06_16_21 - DRAINAGE MINUTES.PDF](#)
[06_23_21 - DRAINAGE MINUTES.PDF](#)

4. DD 121 WO 295 - Discuss W Possible Action - Investigation/Repair Summary

Documents:

[DD 131 WO 310 - 6916.3 - INVESTIGATION - REPAIR SUMMARY 07_19_21.PDF](#)

5. DD 131 WO 310 - Discuss W Possible Action - Investigation Summary

Documents:

[DD 131 WO 310 - 6916.3 - INVESTIGATION SUMMARY 07_19_21.PDF](#)

6. Discuss W Possible Action - New Work Order Requests
DD 88 WO 315 - Landowner Robert Winter reports blowout on DD tile at SW edge of yard, blowout is north of drainage outlet structure.

Documents:

[DD 88 WO 315.PDF](#)
[DD 88 - WO 315 MAP 1.PDF](#)
[DD 88 WO 315 MAP 2.PDF](#)

7. Other Business

8. Adjourn Meeting

REGULAR DRAINAGE MEETING

Wednesday, June 16, 2021 9:30AM

This meeting was held electronically and in-person.

6/16/2021 - Minutes

1. Open Meeting

Hardin County Drainage Chairperson BJ Hoffman opened the meeting. Also present were Trustee Renee McClellan; Trustee Lance Granzow; Curt Groen, landowner; Lee Gallentine of Clapsaddle-Garber Associates (CGA); Michael Pearce, Network Specialist; and Denise Smith, Drainage Clerk.

2. Approve Agenda

Motion by Granzow to approve the agenda. Second by McClellan. All ayes. Motion carried.

3. Approve Minutes

Motion by McClellan to approve the minutes of Drainage Meeting dated 6/2/21. Second by Granzow. All ayes. Motion carried.

4. Approve Claims For Payment

Motion by Granzow to approve the claims for payment with pay date of Friday, Jun 18, 2021. Second by McClellan. All ayes. Motion carried.

5. DD 167 - Discuss W Possible Action - Landowner Concerns / Landowner Meeting

Hoffman stated he asked the Clerk to put this on the agenda after speaking her, the New Providence assessments, it appears or sounds like there has been a petition circulated, Hoffman is not sure exactly. Smith stated it was a petition for Private Trustee Management, Hoffman asked if Smith had received that, Smith stated she has not received it back, Smith received a phone call Monday afternoon from Sharon Hanson, who told Smith she thought she had the required amount of signatures and would be submitting that to us, Smith visited with Hanson for a little bit so that Hanson understood what that implied, that once that is received by the Supervisors, as Trustees, that you would have to hold a special election, so Smith communicated to her, that she would need to provide three judges and two clerks and a location for the special election at that point. McClellan stepped out of the meeting.

Smith stated Hanson stated she would have it into us soon, possibly this week, Smith did not know if she was going to come in person to submit that in person or if she will mail that, in, but Smith wanted the Trustees to be aware that that conversation has happened, Smith knows that when we talked about DD 167 assessments that went out, that there was discussion at that time, that a petition had been requested, Smith tried to let them know at that time that the petition does not change the assessment that has been received by their district, that those assessments would still stand. Granzow asked if we want to have a landowners meeting, maybe she wants to issue it at a landowners meeting. Hoffman stated this is what he was thinking, and he ran this by the Clerk, Hoffman stated having a landowners meeting in conjunction with their City Council Meeting, something on site down there and get it in front of their people, give them plenty of notice, Hoffman does not know if she submits that petition today, that we need to act on it. Granzow stated until the next meeting. Hoffman asked do we really. Smith stated she thought so and that was per Code. Granzow stated if we have received it we have to act on it. Smith stated to issue a date for an election not less than 40 days and not more than 60 days out. Hoffman stated his thought would be get a hold of City Clerk and Mayor and ask them to schedule a special meeting sooner than later. Granzow stated he thought that would be best. Hoffman stated then we as Trustees of that district now, we ask that Gallentine go to that meeting, and explain and either Smith, Hoffman knows it will probably be an evening and he knows that there will probably be some additional expense there, and he is fine with that, but definitely this is education, and thinks this petition was likely circulated without people knowing what they were really signing. Granzow stated you can do that at a City Council meeting because we can't act on it that point, Hoffman would really like to instruct Gallentine, and it will be at the districts expense, but Hoffman thinks paying Gallentine, and having the district pay Gallentine along with Smith to go down there and educate is going to worth a lot, for them

going forward, no matter what their end decision is, at least they will be making an educated decision. Granzow stated right, he does not have an issue with that, it gives the community a chance to speak, we are not there, right. Hoffman stated he does not see any reason. Granzow stated and the reason he says that is we are not trying to get them to keep it, Granzow just wants them to have all the information, and the information will come through Smith, who will still be their Clerk regardless, and Gallentine who is our Drainage Engineer, they may hire another one they may not, that is their choice. Hoffman stated they have to understand that they are going to retain a drainage Engineer and a Clerk and there is going to be expenses with that.

McClellan returned to the meeting.

Hoffman stated there needs to be a consistent message in that you are not going to go backwards in these assessments, and Huen called and was very kind, very professional and very polite, and stated hey I have done some research and we are not going to battle this for \$300, and Huen has more property than he knew he had, he found that out, and he didn't believe the best thing moving forward was them trying to manage it themselves. Granzow asked if he signed the petition, Hoffman stated he could actually sign it because it is not his land, Smith stated she thought it was titled as Honey Creek Exotics, is that the one, where Smith spoke with his daughter. Hoffman stated he thinks it was his daughter that would have had to. Granzow stated he does not want to discourage people from being their own Trustees, but he would also like them to know what they are really signing. Hoffman stated what they are really getting into. Smith stated they need to understand the responsibilities that Code has laid out for them not that you have laid out for them but that Code has laid out for them. Hoffman stated yes, it is really just a matter of educating. Granzow stated that goes both ways, in the same deal, that may be when they want to present their clerks and judges, and location, hey this is the process and now you are going to be responsible, and maybe you can lay all that out for them, this is for a one year, a two year and a three year term, Smith stated yes. Hoffman stated is easier said than done, when it says yes, we are going to have to get these bills paid, you don't realize you are going to have to ask folks who are already stretched thin, some of them go south to Texas or Florida for the winter, there is a commitment here, it is not just here it is. Granzow stated and we are dealing with a town, we are not just dealing with rural residences of 10 to 20 people, Granzow sees Groen is on here, and he has talked to him about doing the same, there are like 7 people in his district, you are talking about a society here with a town, there are people that don't even follow this or have a clue about this. McClellan asked if we can talk with Mike Richards about this at all. Granzow stated he does not want to spend their money on legal. McClellan asked do we know what they can do it because it is in a town. Hoffman stated just to refresh you from when you stepped out, the discussion was to send Smith and Gallentine, and have Smith contact them and say hey you need to have a special City meeting ASAP as like Granzow says, and Smith agreed, if they were to present that petition today, we would have to act on it next week, Hoffman stated he would rather educate them to the furthest extent with the best experts we have in Gallentine and Smith and at that point present you are going to have to have these Trustees, and you are going to have to do this and this. Granzow stated this also educates the Trustees, who apply for the position. Hoffman stated or don't want to apply for the position.

McClellan stated we know we have Larry and June Balvanz over here, McClellan stated she imagined Balvanz would be able to get people together or who is their mayor, Smith stated Ron Reece. Hoffman stated at no point are we pushing this on anybody., and once you find out the roles and responsibilities end everything, you might say we can get one person, but 3, if Sharon Hanson wants to do all this leg work, and people will sign anything, you can go door to door and get just about anything today, because people don't want to be rude and say I am not signing your thing. McClellan stated they will sign it, they don't always read. Gallentine stated he thought a meeting was a great idea because he thinks they need to realize whether it is Supervisors as Trustees or private landowners, they still have to follow Iowa Code, and just because it is private landowners, and we live in town, we are not going to fix that tile because it is out in the country, it is not our problem, we are not going to do anything with it, it is not really feasible or correct. Granzow stated ad the liability that goes with it. Hoffman stated they can be litigated against. Hoffman stated he would accept a motion to have the Clerk get the moving pretty quick. Granzow asked Smith and Gallentine. Hoffman stated yes, Granzow asked if we were going to do this at district expense, Hoffman stated that was correct.

Motion by Granzow to direct the Drainage Clerk to contact the Mayor of New Providence to set up a City Council meeting for discussion of the DD 167 petition for Private Trustee Management, and to direct the Clerk and Gallentine to attend to provide information for the DD 167 landowners at said meeting. Second by McClellan.

In additional discussion on the motion, Hoffman stated he thought we have had really good discussion.

All ayes. Motion carried.

6. DD 128 - WO 279 - Discuss W Possible Action - Contractor Update

Gallentine stated this is the one up at Dean Bright's with Jacob Handsaker where we have this waterway or channel that is still wet, and we talked about putting another tile down the bottom of the waterway, Gallentine

stated Handsaker is willing to put in a 6" tile, for the old price of the 8", the old price of the 8" was \$10.01 per foot, but the Trustees wanted to make sure that wasn't more than we would be paying for 6" tile tight now. Gallentine stated if we bid 6" right now Handsaker stated it would be \$10.75 per foot so you are actually getting the 6" for \$0.74 cheaper than you would if you bid it today. McClellan asked but the bid isn't that long. Granzow stated the price increase, Granzow did not want him to put in 6" when he quoted 8" at this dollar amount, if 6" is quite a bit less at today's price. Gallentine stated and it actually is not, it is more. Granzow stated his concern was let's put a cheaper product in and make money on it, that is what Granzow thought. Gallentine stated if you are okay with that can Gallentine go ahead and direct Handsaker to get that done or how would you like to approach this. Granzow stated he would like Handsaker to go ahead and get it done as we are in a drought and this is probably the driest time he is going to have to get it done, if it starts raining he is done for awhile. McClellan stated she agreed. Granzow stated he is fine with it.

Motion by Granzow to have Handsaker install the 6" tile in Bright's waterway at the price of \$10.01 per foot. Second by McClellan. All ayes. Motion carried.

Gallentine stated he would direct Handsaker to put in new 6" tile at the old 8" tile price. Granzow stated yes, which is less than the new 6" price, Gallentine stated that was correct.

7. DD 52 WO 215 - Discuss W Possible Action - Landowner Concerns

Smith stated we had some concerns shared with us from Al Meister in Drainage District 52, Smith asked Pearce to display photos, Meister had concerns shared photos with one of the Trustees with the condition the parcel was left in after we did tree removal on work order 215. Granzow asked if they would mind if we had Meister call in to the meeting. Smith stated she did not mind and thought that was a good idea, Meister had concerns about tree debris that was left behind. Smith stated she had reviewed some previous minutes, and this photo shared by Meister that all of this tree removal debris was left behind. Smith has done some reviewing of previous emails and communications on this work order. Meister joined the meeting by phone, Smith asked Meister to share his concerns, and noted the photo shared by Meister was up on the screen for the them to look at that shows the tree debris in the tree line that was left behind. Granzow asked Meister for comment. Meister stated that berm of trees and debris is 125' long and is right on the property line between Meister's and neighbors, a lot of the trees that were a year or two old that were cut there, but there was a lot of debris in that area, it is just a big, big pile that was left, Meister thinks that they did haul out quite a bit, but he thinks that they just piled it up, and didn't clean everything up and put that in the big pile, so it's just an eyesore, it would obviously take some effort to get that cleaned up. Smith stated in review of her emails and communications with the contractor at that time and with the engineer, it was Smith's understanding that some of the debris was left by Piel's tree removal service and that Seward had cleaned up all of the tree removal that he did, Smith referenced photos, Granzow asked if Meister could hear Smith's comments. Meister stated he heard a little bit of it, and asked if Smith said that was all left behind. Granzow asked Smith to repeat it. Smith stated she had photos up of an email that she sent to Meister back in June of this year showing what Seward had left the sight looking like. Smith stated that there was comments in there from Seward that noted that the tree debris was left behind by Piel's tree removal service. Smith stated it is in the Trustees ballpark what they would like to do with this, we have a before shot of when Seward cleaned out the trees from the area that he was directed to remove the trees from, and we also have some photos of that area before that tree regrowth occurred and that debris pile. Meister stated he could look back and has some pictures two years ago to see how big that pile is, if there is actually a pile there before. Meister did not think so, there was enough stuff rolled up into, they did a great job cleaning it up, they left that pile there, so Meister will look back into his pictures but he thinks some of that was left by the contractor. Hoffman asked if this was something we could all do our due diligence and look back into this next week. Meister asked if we could look back at the county engineer or whoever was in charge of that project, they didn't come back to the site after Seward's company was done. Smith asked if Gallentine could address that. Gallentine stated he was the drainage engineer and had spoken with Meister on the phone quite a while ago, and we were not directed to be on site while Seward was working, it was tree removal so he was essentially functioning on his own on the sight. Meister stated so no one came to check the site after Seward's company was done. Hoffman asked if we want to check with everyone and re-agenda this next week. Granzow asked if Meister heard that ok. Meister stated he had not. Granzow stated he would like you to go back and look through your pictures, and get a hold of Seward and look at his pictures and we can readdress it next week. Meister stated he was ok with that. Smith stated she would email Meister a copy of next week's agenda on Tuesday next week so you will have the link to join us. The Trustees thanked Meister for his participation.

Motion by McClellan to direct Smith to gather more information and add this to next week's agenda. Second by Granzow. All ayes. Motion carried.

8. Other Business

DD 36 WO 312 - Smith stated she has had some communication with landowner Craig Duncan who had initially contacted Secondary Roads about an issue in a road ditch near his property with district tile, and Duncan feels the district tile was backed up into his field and he had some issues with that. Smith had spoken with Lucas Burton of Secondary Roads and he stopped in the office and shared some photos with Smith, a map and a location. Smith stated unfortunately when Duncan brought this to Smith it was right when we issued all of the DD 167 2021 assessments and Smith's phone did not stop ringing for two weeks, so there is a little bit of delay in Smith getting this into our work order system, once Smith had gotten this into our work order system, Duncan had reached right back out to us for an update, and Smith let Duncan know she had reached right back out to Gallentine for an update, Smith did not think CGA had even had a chance to be in there to look at it, so Smith let Duncan know that we can visit about this and Gallentine can update you with what information we have yet, and Smith asked Gallentine to detail a little bit about his conversation with Mr Duncan. Gallentine stated Duncan called him yesterday and had updated him with the process and Duncan is not at all happy with it, he feels that it had been way too long, Duncan stated he had started talking to the Engineer's office the end of April and Gallentine stated the work order that we got was dated the end of May, so here we are a couple of weeks into June and we have been out to look at it but there is nothing that is real apparent that is causing this issue. Gallentine stated at this point it will probably require some excavation out in his field, and Gallentine stated he was sorry but we can pay crop damages possibly if that is an option and Duncan stated he did not want us out in the field, the beans are too tall, but it didn't get fixed. Gallentine stated he can not change the fact that time has expired, that really didn't seem to satisfy him at all either way, he is still pretty irate at the process, he was going to call the County Engineer and complain to him about why didn't they tell me right away in April when I called, Gallentine stated he told them he did not know, Gallentine sent Smith an email with our investigation and does not know if you want Duncan to come in and talk about the process next week, Gallentine stated he thinks it needs to formally be on the agenda that Duncan said not to be out there until fall, because Gallentine gets real concerned that if we get some rain and it drowns something out, he is not going to be happy about that either, he also indicated that he could have had a contractor out there within a day, private landowners seem to have more of a pull with contractors than we do, Gallentine stated he also told Duncan he does not know if that would have been a contractor approved to be used by the District or not if they are insured, he really did not comment on that.

Hoffman stated this sounds like a lose - lose solution and we need to get some input on to what Taylor does or doesn't know. Granzow stated the hard part is when it was brought to our attention, we acted on it right away, and thinks it was two weeks ago at the end of June or in May. Gallentine stated it was the last meeting in May, you directed us to go in and we were prepared to get a contractor right away if it was apparent and that is what we are doing, but it wasn't apparent. McClellan asked if Duncan thought it was in a road ditch or if it was in a culvert or something. Gallentine stated there was an intake in the road ditch because that is where the water is piling up, but the problem looks to be farther out in his field if that is where the plug is, and we really had a pretty circular conversation, as he said well it didn't get fixed, Gallentine said we can go out there and get it fixed now, but I don't want you out there now, well Gallentine stated he was sorry and Duncan stated but it didn't get fixed, so we were really kind of chasing our tail a little bit, Duncan did say he would call Gallentine in the fall after crops were out but he wanted it fixed immediately as soon as that was done, and Gallentine said he was subject to the availability of contractors, we will try our best. Granzow stated and he is assuming that is when he said he can have a contractor there tomorrow or in a day. Gallentine stated that is what he indicated, he just gets concerned when we get much rain that we will drown out more acres than we will disturb if we go out there and repair it. McClellan stated if he won't let us in the field that is his problem but also it is up to you guys, you have the authority to go out into the field if you choose to, Gallentine is not saying you should do that by any means but you do have that authority to access that tile for repair.

Granzow stated it is his complaint and will try to catch up to him, Smith can provide Granzow the phone number. Gallentine stated Smith could provide it. McClellan asked if we could go up the intake to view it. Granzow stated then you have to pay for televising, McClellan stated yes. Granzow stated we could pay for televising. Gallentine stated you could pay for televising but does not think you would see anything at this point, there is a foot or two of water in the road ditch so it is surcharged, no doubt. Granzow stated he would get a hold of Duncan, who is not far from Granzow, and see what he is thinking, if you want someone right after crops, that is when everyone is wanting contractors. we could have a contractor there tomorrow too, but not likely in the fall. Gallentine stated the process is not perfect, it could always be tweaked but he did not think they did too bad overall, we hit the wrong time for growing. Granzow stated he could turn the claim in for the yield and asked if he wants the repair for the frost/freeze for next year and pay for the crop next year. Gallentine stated you might want to feel him out, Gallentine stated he thought this was on Lateral 6, and Duncan stated there is another tile that goes through his driveway and that one does not work either, he may have more than one issue going on, Gallentine is not positive. Granzow will give Duncan a call.

IDDA Membership - Smith has received another invoice for pro-rated dues, they usually invoice in June and we had paid on that previous invoice that was for annual dues, so this is prorated for the last 5 months, so this was for \$1,947.40 and our last invoice from IDDA was paid through Rural Services, so Smith just wanted some direction if the Trustees wanted this to be paid that way. Granzow stated we have to yes, to keep our books straight, we have

corrected this already. Smith just wanted to make the Trustees aware we had received this. Granzow stated to keep a tally so we can look back. Smith stated she would.

Hoffman noted next week we have a Regular Drainage Meeting in the morning, and a 1:00 pm Landowner Meeting at the EOC building, Smith stated yes for DD 48, and has issued a lot of copies of that two investigation summaries and district maps for DD 48, Smith has sent those out to 7 or 8 landowners now, so they will have those in their hands before that meeting. Smith noted we do have a joint meeting with Story County on DD H-S 35-1 in our regular drainage meeting at 9:30 to discuss their repair request. Hoffman asked if that would be top of the agenda, Smith stated yes.

9. Adjourn Meeting

Motion by Granzow to adjourn. Second by Hoffman. All ayes. Motion carried.

REGULAR DRAINAGE MEETING
Wednesday June 23, 2021 9:30 AM

This meeting was held electronically and in-person.

6/23/2021 - Minutes

1. Open Meeting

Hardin County Drainage Chairperson BJ Hoffman opened the meeting. Also present were Trustee Renee McClellan; Trustee Lance Granzow; Story County Drainage Trustees - Latifah Faisal, Lisa Heddens, Linda Murken; Darren Moon, Story County Engineer; Scott Wall, Story County Drainage Clerk; Lee Gallentine, Clapsaddle-Garber Associates; Michael Pearce, Network Specialist; and Denise Smith, Drainage Clerk.

2. Approve Agenda

Motion by McClellan to approve the agenda. Second by Granzow. All ayes. Motion carried.

3. Approve Minutes

Motion by McClellan to approve the minutes of Drainage Meetings dated 05-05-2021 and 05-12-2021. Second by Granzow. All ayes. Motion carried.

4. Approve Claims For Payment

Motion by Granzow to approve the Claims for Payment with pay date of Friday, June 25, 2021. Second by McClellan. All ayes. Motion carried.

DD 42 WO 297 Tile Inv, repair, labor, equipment	Honey Creek Land Improvement, LLC	\$965.00
DD 131 WO 310 - Tile repair, parts, labor, equip	Honey Creek Land Improvement, LLC	\$2,979.48
DD Big 4 Main - Repair of slough on ditch	Jensen Excavating Inc.	\$4,675.50

5. DD H-S 35-1 - Discuss W Possible Action -Joint County Investigation/Repair Request

Introductions were made and attendance verified. Smith stated we received a request for repair from Story County, who provided us with a map, Smith asked Moon to tell us a little bit about what needs to be done here, that would be great info for us. Moon stated he received a request back in April from Randy Reifschneider saying there was a blowout in the tile near the outlet, the Story County tile foreman went out to look at it to see if it would be an easy repair, and he found a couple of holes near the outlet, and the tile was almost completely underwater, as dry as it has been the tile was still completely full of water, and he did not think it was ever going to come down, and so he felt some ditch cleaning was necessary, and thinks there is about 2,000 feet of open ditch downstream from the outlet that could be cleaned, and estimating he thought it was about 100' of 36" tile to the outlet needed replaced, probably based on the holes and what he could see, and again it was underwater so it was hard to tell. Moon stated at some point it was above and beyond our small repairs that we do so we thought that we needed to go to the district, one - we were hoping that there was an Engineer's Report done in 2017 so maybe the Engineer's Report portion would take care of this so we could just go back to whatever Hardin County uses as their Engineering service and maybe just get an estimate portion to see if it is over \$50,000 or not and if so we would have to do a bid letting, and another Engineer's Report may not be necessary but that can be open for discussion.

Granzow asked as of July 1st that number changes to what, \$130,000. Smith stated \$139,000. Granzow stated for the repair, Hoffman stated up to that without it going to bid letting, Gallentine stated the 2016 Engineer's Report was for improvements to the tile only, Gallentine stated he did not think we discussed the open ditch at all. Moon stated correct and since this is just technically a repair, another reason why the Engineer's report technically isn't necessary, probably just move forward, Moon is not sure if you use an engineering firm to do some of your larger

engineering projects and get bids for you, which is what we hoped to do. Granzow stated he believed we have to. Hoffman stated what we do here is we utilize Clapsaddle-Garber Associates (CGA) so Lee Gallentine, the gentleman speaking, he is our Drainage Engineer, we don't have a drainage tile crew so what we typically do is let's say we direct as Trustees, CGA, to go out and look at the project and come back with a report, it is something that is very simple. Hoffman stated we have a lottery of in-county, bonded, licensed, qualified contractors that now we have even started saying the Drainage Engineer, CGA goes out takes one of our fully licensed, bonded, insured contractors with them and if it is something as simple as a new inlet or something like that, we allow that to be done, if it is something more complex, sometimes it is just easier to have CGA go out take a look, and come back to the Trustees, report back and give us a few options, as long as it is staying under that \$50,000 threshold, which as Granzow said, July 1st turns into a \$139,000 threshold. Hoffman is open to all and every suggestion as to how we can work together to get this resolved sooner rather than later. Gallentine stated he would interject, based on what Moon has already shown you and talked about, Gallentine did not think it was going to be a simple repair, and did not know if it was going to exceed that \$139,000 threshold but it is not just hire your local guy to do it on your regular tile blowout. Hoffman stated right. Granzow stated you would suggest that even though we don't need a report made, we could do a bid. Gallentine stated he would suggest getting a handle on the extent and figure out if that whole entire 2,000' length needs cleaned or not. Hoffman stated get a scope of work. Gallentine stated let's do some survey, have somebody do some survey and let's figure out on the main tile itself, is it 100' or is it a little bit farther upstream, maybe just visually observing, would be Gallentine's approach if it were a total Hardin County project, it is up to the Trustees how they want to do it. Granzow asked if he heard this right, do we go from a tile to an open ditch back to a tile. Gallentine stated no, it is tile open ditch and let her go from there. Hoffman asked Moon, assuming the pictures are quite recent but can you tell us what there are for crops on it right now, are we going to be trying to get on cropped ground and possibly be looking at crop damages, is this something that we can have someone go and take a look at and wait until crops are out, Hoffman asked Moon where we stand on those parts of the project.

Moon stated he can't really tell you that for sure, without seeing photos from 2020, you can kind of see a brush pile on the corner up there and we have been working with the landowner on this for the last few years, on clearing the brush through there and that is still the Randy Reifschneider, so he would think he would be open to working with us, it looks like it would be a great big buffer through there, to at least get cleaned around the corner. Gallentine stated that is another issue if you have got brush and trees that lie over the existing tile, Gallentine does not know what impact that may have. Hoffman stated at this point and does not know how busy Moon's office is, Hoffman would say that Clapsaddle-Garber could probably get out there in the next few weeks or sooner, they are really good at under-promising and over-delivering, so if anyone has any objections, we could send them out and have them put together maybe not an engineer's report but some type of scope of work summary, and we could get that back to everyone and we can reconvene as soon as we have some formal documentation from Clapsaddle-Garber. Moon stated that would be his recommendation. Heddens asked when would we decide when they are out there looking at doing, if you do not need a full engineer's report or an updated engineer's report. Hoffman asked what is the catalyst for us to know this is going to far exceed the \$139,000. Gallentine stated at the time we release that summary, we would have an Opinion of Costs, and know that we would be over that \$139,000 threshold, if it is over that threshold that an Engineer's Report is required then you are required to do it, if it is under that threshold, then you guys can decide how you are going to select a contractor, if you are going to get some quotes or bids. Hoffman asked if that answered Heddens' question. Heddens stated it does, thank you. Hoffman asked for any other questions, comments or concerns. Granzow asked if we are the lead County on this, but it is a joint district. Hoffman stated yes. Granzow stated along with that they can make the motion as well. Hoffman stated that is right. Granzow stated he would prefer that they make the motion as it is in their County. McClellan stated she would agree. Hoffman stated if his colleagues from Story County would like to make a motion directing either your engineer or CGA out to investigate and provide a summary, Hoffman would entertain that motion at this time.

Heddens asked if Moon felt like we could do that or should we ask CGA. Moon stated he would rather ask CGA because we would have to go to our consulting engineer, and CGA sounds like they have the same Engineer as the last Engineer's report and they have some familiarity with it.

Motion by Hedden to have CGA provide the information. Second by Granzow. All ayes.

Hoffman asked if it was unanimous on the Story City side. Heddens stated she could tell, and suggested we call for anyone opposed. Hoffman asked if anyone opposed. Hoffman stated he did not know if he heard Linda Murken's reply. Heddens stated she does not think Murken's had responded and would go and check. Hoffman thanked Heddens.

Heddens asked Hoffman to restate the motion for Murken, Murken could not hear with her computer. Hoffman stated no problem, the motion was to have Clapsaddle-Garber Associates go out and examine and bring back a summary report, not a full engineer's report back to us and then we will reconvene to see what kind of scope of work does or doesn't need to be done. Heddens stated she made the motion and Lance Granzow seconded, we

don't know Legislature has changed the Engineer's Report requirements beginning July 1 to \$139,000. Murken asked if this was to have them go out and see if we need a full engineer's report. Murken asked who is it that is preparing that report. Heddens stated their engineer. Hoffman stated it is not our County Engineer it is our Drainage Engineer, our County Engineer doesn't handle any of our drainage so we have Clapsaddle-Garber Associates, Murken asked who is the Drainage Engineer. Hoffman stated it is Clapsaddle-Garber Associates, Lee Gallentine. Heddens stated we all voted and thought it was unanimous and then we realized you weren't hearing us. Murken asked if she could vote now. Hoffman stated absolutely, he knows technology can always be a problem. Granzow stated let's do a recall of the vote. Hoffman stated let's re-vote, just so that we have a good written record on our end we will have the Drainage Clerk do a role call vote.

Smith conducted a role call vote: Lance Granzow - Aye; Renee McClellan - Aye; BJ Hoffman - Aye; Lisa Heddens - Aye; Linda Murken - Aye; Latifah Faisel - Aye. Smith asked if she got everybody. Hoffman stated perfect. Smith thanked the Trustees.

Hoffman apologized for the technological challenges and stated we will get CGA out here as soon as possible and Smith will coordinate with the Story County Drainage Clerk for scheduling. Gallentine stated just for clarity we will get a Summary back not a full report. Hoffman stated you will get a Summary statement, not a full report. Hoffman asked for any additional comments. Hearing none, Hoffman thanked all the participants.

6. DD 52 WO 215 - Discuss W Possible Action - Landowner Concerns

Smith stated this was regarding the Piel parcel purchased by Al Meister, we had brought this back from last week's agenda, we had shown photos last week that Mr. Meister had provided the Trustees of the tree debris left behind. Smith stated she did a little further digging into the minutes, and did a little research. Smith referenced a map image of an overhead view that Gallentine had provided at that time that references what was done, and if we let Gallentine go over that briefly, that might help the Trustees decide what they would like to do.

Gallentine stated this one was tough, because we weren't out there when the trees were removed, we were out there before the trees were removed and after the trees were removed, Gallentine stated if he is really understanding Meister's concerns, there was some debris that appeared to be pushed up against some trees that were left in place, and from what Gallentine can decipher from the emails, Honey Creek said they were getting this stuff out of your way, that way you don't have to deal with it, it was debris left from the former tree service. Gallentine stated Meister is looking at this as hey you should have cleaned this up too, Gallentine stated he is not sure where the Trustees want to go with that, and asked if he summarized it well. Smith stated he summarized it well. Gallentine stated he thinks the photos show that they definitely pushed up the tree debris, but it is just a question of where the stop or start is on it, and we have the different owner in there, that doesn't help things, Gallentine stated he does not think Seward will dispute that he pushed it up, Gallentine thinks Seward did it thinking he was making the site better and Meister looks at as the exact opposite. Gallentine stated it is one of those things if we just stayed within our scope and done exactly what we were old. McClellan asked if those were old tree cuttings, Smith stated that is what Seward references in his first email, where he shared photos of the site. McClellan stated we know they were out there more than once, it was years ago, so that is not our problem right now. Granzow stated that was in 2011 and these are fresh trees. McClellan stated that was in years previous wasn't it that we were out there. Gallentine stated that was in 2011. Smith referenced the photos shared by Seward, these were taken in 2020 at the time of tree removal and that is all Smith got from Seward at the time, and it does not show a good view of what was left behind. Gallentine stated Granzow has some new pictures since last week, Gallentine did not pass those along as he thought Smith already had them. Smith said she would get them added to the file. Granzow shared the images.

Smith stated the work order remains open in Tyler if you need to reference that for any further work. Gallentine stated it is really the debris pile that is up against the existing trees that Meister is really concerned about. Granzow stated someone needs to take care of them, and Meister wonders if it is the District or Meister. McClellan read from Meister's email which stated he does not have any pictures of before trees were cut but this picture is right after they left the site, McClellan asked who they were. Granzow stated Adam Seward. McClellan stated okay. Granzow stated you can see the fresh cut trees. Gallentine stated this could be from when Piel's ran a tree service, and Gallentine does not even know when Piel's tree service was active, were they dumping things out there the same time as Seward was working there or was that years ago. Granzow stated it had to have been years ago, they have been gone for awhile. Gallentine stated then that makes a lot more sense. Granzow stated he did not think Piel was still in the area, and had not done tree work in years. Gallentine stated it is your call on how you would like to proceed.

Granzow stated he has a lot of questions, first of all this is Piel's property at the time, were any arrangements made at that time with Piel, between Honey Creek and Piel, Granzow does not know, he knew Piel had asked

about it and we let Piel know he had to fill out the paperwork, he never did anything, Meister purchased all of this not knowing there was even drainage costs on anything, the assessments were coming. Hoffman stated maybe we ask Seward to come into a meeting. Gallentine stated he does not think that would hurt, he was really giving you everything second hand. Hoffman stated he completely understands. Granzow stated Meister's question is should he have to pay for this or should the district still be paying this. Hoffman stated either way, Granzow stated that is his question and he would like it resolved either way, Granzow knows that Piel asked about it at one time, but was not sure what Piel was asking, he wanted monetary for any of this, is what Piel was asking for at the time. McClellan stated about leaving those trees there as damages. Granzow stated Piel wanted money, money for the hay ground. Smith stated Piel wanted crop damages, he disputed the amount of the seed value, he felt that it was not a fair approach and he felt we spent ten times as much on legal opinions, he was upset about with the legal costs and felt the value of the seed should have been more however we would not have incurred those legal costs had the owner been cooperative at the time. Gallentine stated Piel took the first letter that Gallentine sent him, Piel did not respond and took that as it was ok to do it, Gallentine stated no the letter meant he should have signed it and sent it back. Granzow stated and Piel wasn't for it, and since then he has sold it and now Meister is asking do I have Piel's mess or a drainage mess, Meister wants to know who is responsible. Hoffman stated in the matter of time, Hoffman would rather ask Seward to come in next week and explain, because at 10:30 we have a closed session meeting and the next item we know is going to require a fair amount of discussion if we are, so do we want to direct Smith to invite Seward to come in next week.

McClellan motioned to direct the Drainage Clerk to invite Seward to attend the meeting next week. Second by Granzow.

In additional discussion on the motion, McClellan stated Seward does not have to be here in person, he can call into the meeting.

All ayes. Motion carried.

7. DD 167 - Discuss W Possible Action - Petition For Private Trustee Management

Smith stated we have received a petition for Private Trustee management from Drainage District 167, Hoffman stated we think 167, Smith stated we think 167, Smith received this in the mail with a letter addressed from Sharon Hanson and there are some signatures on here, that Smith worked hard to try and decipher some of these in comparison to the list of landowners. Smith stated some of these are a little illegible and are difficult for Smith to decipher. Granzow asked if they meet the required amount of signatures. Smith stated this would be 21 of of 40 landowners, if they are all valid landowners within the district, we have 65 parcels and 41 owners, this is 21 signatures, Smith has done the best she could on some of those, the fourth signature down could be David Harell, Smith is not sure, Hoffman stated or October 7th, Smith stated or October 2nd of 7, Smith does not know, if we go a little bit further down here there is one that is pretty squiggly, Smith stated she thinks that is Eric Ketchum, Gallentine stated that looks like my signature. Smith stated you could have, there is one further down, could possibly be Robert Thompson, Smith is not sure, so Smith is looking for some direction as to how the Trustees would like her to proceed with this, since there is not a district named in the blank, Smith was hoping that they would have filled that in. Granzow asked if they are meeting tomorrow. Smith stated they are meeting tomorrow at 6:00 pm in the Roundhouse, they have called a Special City Council meeting and notices went out to town members in their water bills that went out this Monday.

Granzow stated he would first of all convey the fact that this petition is not legal, Hoffman stated it is incomplete, Granzow stated it is incomplete, because it does not say what district, Granzow stated he would still go there to the meeting with Smith and Gallentine as planned, Granzow can not accept this because it does not say what district it is because it needs to. Smith stated she did not feel comfortable writing that in so she did not. Granzow stated you can't. Hoffman stated, trust me you do not want to. Granzow stated along with that take this petition there and if we can verify people's signatures, great. Hoffman asked how can we do that, McClellan stated put it on a note pad just like we have it here. Granzow stated it needs to have a new petition because this one is invalid. Hoffman stated if he was doing the petition he would, McClellan stated sign and print, Granzow stated write you name. Pearce pointed out the signature in both print and cursive. Gallentine stated you also have to remember that this is a form that the district provided. Hoffman stated but the person petitioning could say here, it is not legible write your name by it. Granzow stated this is a form where it is left blank right there, it needed to be filled in, that is no different than when we run for office, we can't leave something out. Smith stated she did not fill it in because this is a stock form that we have in a file folder that Smith can pass out to any district. Hoffman stated neither one is filled in, there are two spots for the DD. Smith stated that was correct, neither one is filled in. Gallentine was wondering if it could be returned to whoever sent it in but really once it is turned in it has to start over, she can't just fill in the district because those people, you don't know what was represented when they signed. Hoffman stated right, what was the explanation when they signed it. Smith stated there are two drainage districts in New Providence, 167 and 146, that also muddies the water a little bit. Hoffman stated here is one other thing, we have had this in other meetings are these two separate landowners or are they the same. Smith stated

she does not know if she has Rodney on the Classification list. Hoffman stated you have Sharon and you have Rodney. Smith stated she does not know that she has Rodney listed as a separate owner, Smith has Sharon listed as Sharon Kriz, individually as a landowner. Granzow stated it is only one unless he has a listing of his own. Hoffman stated unless he has a parcel of his own. Smith stated she did not have him as anything else. Granzow stated that is one that doesn't even qualify as one. Hoffman stated those are the things that, and those are the same people signing, that H and that H are the same. Granzow stated regardless it doesn't matter, you can only have one owner. Gallentine stated when Smith brought some of these issues to him, he is not trying to be difficult, Gallentine just wants to make sure it is being done the correct way because you also have at best 19 people in this district that didn't sign it, we need to make sure we are doing it correctly for them. Granzow stated you could actually have 20 people that didn't sign it. Pearce said or thirty. McClellan stated if there is enough signatures is there an election that would need to be held. Smith stated a special election would need to be held if the petition meets the requirements of having a majority of landowners sign, a special election would have to be held, at that time we would elect three Trustees that would hold office until January elections next year, then we would re-elect them for one, two and three year terms. McClellan asked is it an election of officers or is it an election if all of the people in the district want to go to private Trustees. Gallentine stated no, this is it. Smith stated this is it, this is their vote to go private, then then it was a special election to nominate and elect Trustees. McClellan stated then we need to make sure this is 100% kosher then. Granzow stated yes, and it is not. Hoffman stated and then you know who you need to call to make sure and verify it. McClellan asked if this petition was left somewhere for people to collect signatures or did someone take it around. Smith stated she did not know. Hoffman stated he thinks she took it around, as Hoffman was informed by two people that she had been to their house, and they didn't want to sign anything until they talked to us or to me about what the options were or what they implicated.

Granzow stated let me put it out there that he does not care if they want to be their own Trustees or not, he sees advantages both ways, and they can meet tomorrow and they can choose their own advantages, but when it comes to this, this we can not accept, it is not complete. Smith asked if it would be alright with the Trustees if tomorrow when Gallentine and Smith go, can Smith provide them with a printed copy of Drainage Code, Smith can take one copy of that Chapter of Iowa Code so that someone there has it, and Smith can highlight the pertinent sections regarding election of Trustees and petitions, Smith thinks that might be helpful. Hoffman stated he thinks this needs to stay at City Hall for public reference. Granzow stated this one needs to stay here on file, take a copy with you, Hoffman stated it is an official record, Granzow stated yes this is part of an official record that we have to deny because of it. Smith stated she had stamped it with the date it was received. Granzow stated also there convey to them that Granzow can not verify these people that if you want to these people on here Granzow has to know who they are. McClellan stated and that person has to verify their signature, don't just let someone, to McClellan she would not want whoever October 7th is, I don't want someone to say oh that is so and so, is it or isn't it. Smith asked how is she to interpret that. Hoffman stated they are going to start over anyway and just make the suggestion, that someone print their name by it, and on this one, while Hoffman is no handwriting expert, it can only be one per parcel, even if both husband and wife are listed on both deed and title, it is one. Granzow stated so this one failed on numerous levels, Granzow asked you need 21 signatures, Smith stated that was correct. Granzow stated it has already failed on that one, it doesn't say what district it is, can't read a few of them, there is that, Granzow does not care whether or not they are their own Trustees, he just wants them to know what they are doing. Smith stated absolutely and we can cover Code with them, and Smith thinks that is a big part of it, and does not think they may understand the responsibilities of a Trustee, you can't just decide not to repair. Gallentine stated yes, this is not just dissolving the district. Smith stated correct, it is not. Gallentine asked if any of the Trustees would be there, Hoffman stated he would be out of town for Leadership Iowa, Granzow stated he did not believe they should be, this is theirs not ours, by sending you guys that is doing more than we need to. Gallentine stated and that is fine. Hoffman stated he thinks Ron Reece thinks we are trying to intimidate or go one way or another, and does not think their attendance is going to be any benefit. Gallentine stated if questions come up about the existing classification or the existing assessment, Gallentine is going to tell them that does not change.

Motion to deny the petition for Private Trustee Management as submitted. Second by McClellan.

In additional discussion, based on the signatures, and no drainage district listed in the form, McClellan stated especially due to there there being two districts in that town.

All ayes. Motion carried.

Granzow asked if Smith and Gallentine would be there tomorrow. Smith stated yes.

8. DD 55-3 WO 251 - Discuss W Possible Action - Update

Smith stated this was a calendar reminder set to verify riprap and seeding was done on the Thompson pond, we had talked with Thompson back on February 3rd, and in our minutes of that meeting you directed Smith to set a

calendar reminder review for June of 2021 that Thompson had completed the seeding and concrete riprap or revetment added to pond banks and that work needed to be completed by June of 2021. Smith does not know if you would like CGA to go out and verify that. Hoffman stated yes. Granzow stated we are going to have to, with a phone call to him as well. Smith stated she can call Thompson and let him know that CGA will be coming out to verify that. Granzow stated he might just tell you he hasn't gotten to that yet. Hoffman stated if he tells you that, so once Smith contacts Thompson, she will need to communicate that. Gallentine stated we won't go out there until we hear from Smith. Hoffman stated he would accept that in a motion.

Motion by Granzow to have Smith contact Thompson to see if seeding and riprap revetment have been completed and to let him know CGA will be out to verify. Second by McClellan. All ayes. Motion carried.

9. Other Business

DD 86 - Smith has had some communication with Scott Halbur, he is an attorney with Fagre-Drinker out of Des Moines and he represents POET, the new ethanol plant owners, and he has submitted a letter stating they have some concerns with the reclassification, and his letter is addressed to the Reclassification Commission, so Smith has shared that with Gallentine and the Trustees, and Smith will let Gallentine review that with the Trustees, Smith is unsure if the Trustees have had time to look at this yet, we just got it after 5:00 pm last night. Gallentine stated he had and for the integrity of the reclassification process, Gallentine does not even know if the Trustees need to worry about it at this point, just acknowledge the receipt of it because the Reclassification Committee does their thing and prepares the report, and they give it you and then you do your thing. Granzow asked and he presents at that time, Hoffman stated he does not want to put any undue input into your reclassification process. Gallentine stated it is really meant to be a separate process, and Gallentine will acknowledge that he will definitely give it to the other members of the Reclassification Commission, and he has had numerous conversations with Halbur, Gallentine understand his point of view and is not saying he agrees with him 100% but he does have some valid points.

Motion by Granzow to acknowledge the DD 86 letter from attorney Scott Halbur addressed to the DD 86 Reclassification Commission. Second by McClellan. All ayes. Motion carried.

Smith asked if the Trustees would schedule a review for her because it has been over a year. Hoffman stated sure, and asked if next week's meeting sounded okay, Smith stated that sounded great. Hoffman stated remember according Iowa Code Chapter 21, you can request that can be held in Closed Session if you like, let us know. Hoffman stated that needs to be reflected in writing. Granzow stated that Closed Session needs to be reflected in the agenda. Smith stated she would submit the request in writing. Granzow stated on the agenda you print it will have to cite the Code Section for Closed Session. Smith stated she had done that last year and was familiar with that. Hoffman stated just send me an email that says you want it in closed session. Smith stated she certainly will.

10. Adjourn Meeting

Motion by Granzow to adjourn. Second by McClellan. All ayes. Motion carried.

Drainage District:

#131

Investigation/Repair Summary:

- Tenant in the NW¼ NE¼ Section 8, Township 89 North, Range 21 West reported a plugged district tile (unnamed lateral on original map) on the south side of 110th Street.
- Visual observation found the new Hickenbottom tile intake in on the south side of 110th Street with stagnant water in the base. In the downstream field, found two depressions over the assumed tile route with what appeared to be swales formed by the overland flow of water. Approximately 400-feet downstream of the intake in the road ditch of 110th Street, another intake was encountered and found to be dry in the base, which had 1-foot of soil cover.
- Upon excavation in the downstream direction of the road ditch intake, a dead raccoon was found plugging the cracked 8-inch concrete tile and causing the observed backup of water. Excavating further downstream found previous repairs of the 8-inch concrete tile, with pieces of broken VCP tile in the soil around. In the excavated tile, approximately 2-inches of sediment with stagnant water was found within.
- Repaired the tile sections that were broken by the exploratory excavation with rock bedding and backfill, 8-inch dual wall HDPE, and temporary fabric collars at each end of the repair. The excavation was filled with on-site soil.

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

See attached Tabulated Contractor Time and Materials Sheet.

Additional Actions Recommended:

Given the stagnant water and sediment within the tile during this dry period, there is another restriction in the tile in the downstream direction. This restriction could be due to one of any causes (i.e. broken tile, obstruction, belly, etc.). It is our recommendation that it be investigated via either CCTV inspection or pot-holing at intervals.



Tabulated Contractor Time and Materials

Date	Totals	5/21/2021	6/2/2021
Workman (hrs)	18 1/2	2	16 1/2
Mini Excavator (hrs)	6 1/2	1	5 1/2
8" Dual Wall HDPE Tile (ft.)	12 1/2		12 1/2
1" Clean Bedding Rock	Yes		
Fabric Collars	Yes		





Drainage Work Order Request For Repair

Hardin County

Date: 5/5/2021

Work Order #: WO00000310

Drainage District: DDs\DD 131 (51146)

Sec-Twp-Rge: 08-89-21 **Qtr Sec:** NW of NE 1/4

Location/GIS: 89-21-08-200-001

Requested By: Marlin Tripp

Contact Phone: (641) 425-4875

Contact Email: or Ryan Tripp - 641-425-6389

Landowner (if different): Tripp, Norma J - 1/2 Stotts, Michelle L - 1/2

Description: DD 131 - Marlin Tripp (tenant) reports plugged tile in field just south of 110th St. Secondary Rds has already looked at it and referred Marlin to Drg Clerk as it was on DD tile. Located in parcel 892108200001.

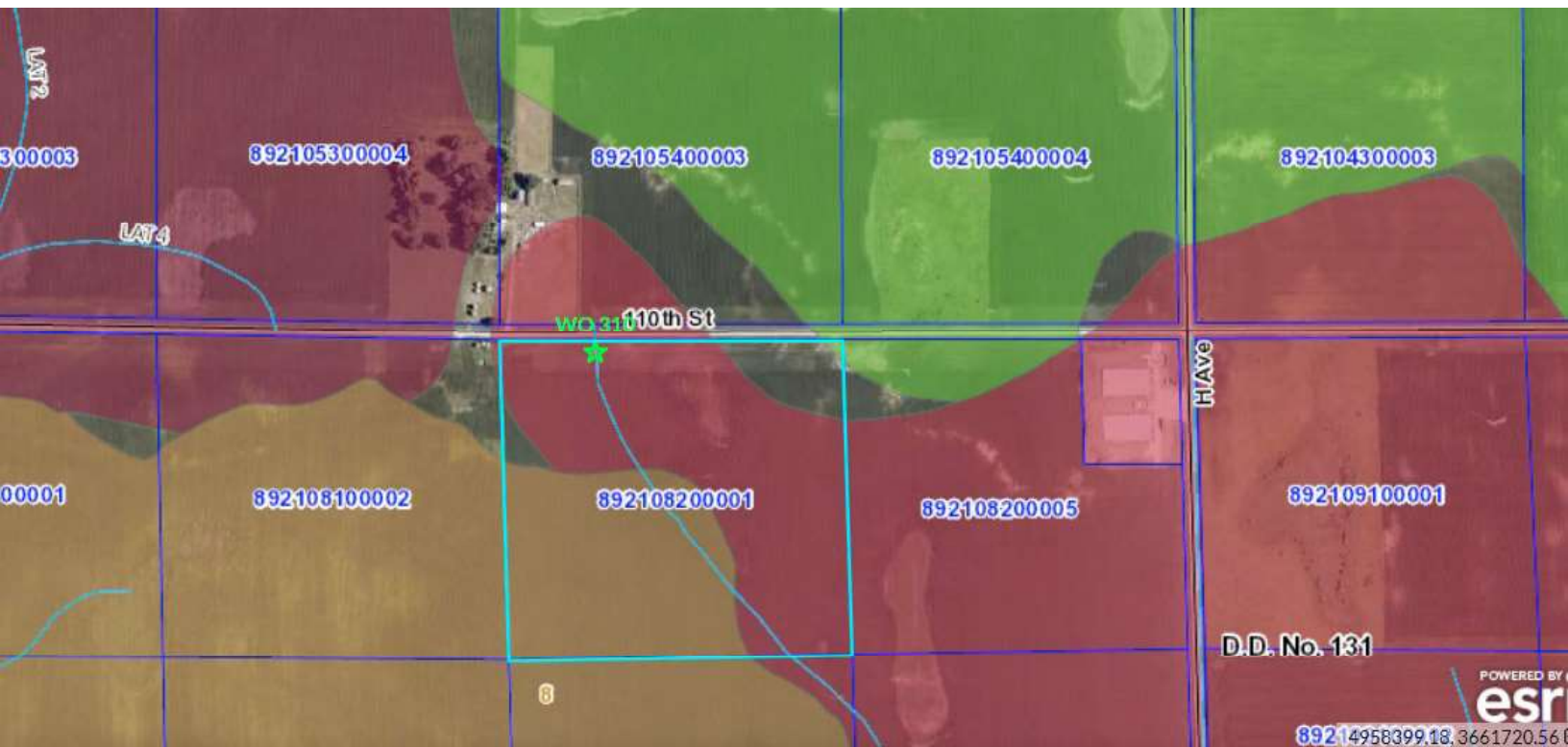
Repair labor, materials and equipment _____

Repaired By: _____ **Date:** _____

Please reference work order # and send statement for services to: Hardin County Auditor's Office
 Attn: Drainage Clerk
 1215 Edgington Ave, Suite 1
 Eldora, IA 50627
 Phone (641) 939-8111
 Fax (641) 939-8245

For Office Use Only

Approved: _____ **Date:** _____



Project Diary

Project: OD 131 H.			
CGA PN: 6916.3	Days Charged:	Report No.	Proj. Mgr. <input checked="" type="checkbox"/>
Contractor:		Date: 5/7/21	
Superintendent:	Weather Conditions: dry, 60°	Precip.: "	Temp. Hi: ° Temp. Low: °
INSPECTOR:	Contractor:		
Time Arrived:	Time Left:	Time Arrived:	Time Left:
1. General Remarks and Work Accomplished:			
<p>FROM INTERSECTION OF H AVE AND 110TH ST., DROVE NOT QUITE W 1/2 MILE. NEW INTAKES ON BOTH SIDES OF ROAD WITH RUBBER TIRE BACK HOPE IN DITCH. INTAKE ON S. SIDE OF ROAD IS HAS STANDING WATER IN IT. CANT SEE ANYTHING ELSE, THAT WOULD SUGGEST IS A PLUGGED LINE.</p> <p>WALKED TIRE ROUTE TO SOUTH OF 110TH FOUND (NOT TOO FAR INTO FIELD) 2 AREAS THAT LOOKED LIKE WATER HAD BEEN RUNNING OUT OF, ERODING DIRT. PROBEO BOTH AREAS, DIDNT HIT ANYTHING. WALKED TO INTAKE 400' SE, FOUND 6" PE HICK INTAKE WITH 1' COVER.</p>			
2. Changes or Extra Work Ordered:			
<p>FURTHER ACTION: FWD TIRE @ S. R/W 110TH AND RUN CABLE DOWNSTREAM DIG UP TIRE, FIND PLUG, INVESTIGATE.</p>			
3. Test Samples Taken:			
<p>CPT #4 IS GONE ON 110TH/H AVE INT. CPT #109 IS IN, SMALL PK ON CMP @ SW COR 110TH AND H.</p>			
4. Visitors to Site:			
5. Other Work Crews or Project (utilities, subcontractors, etc.) and Work Done:			
6. Attachments (total sheets attached <u>0</u>):			

Inspector's Project Diary (continued)

CGA PN: 8712.06

Report
No.

Date:

1. General Remarks and Work Accomplished (Continued):

FREM
□

○ NEW INTAKE HICK, ORANGE RISERS

1/4 Cor

110TH

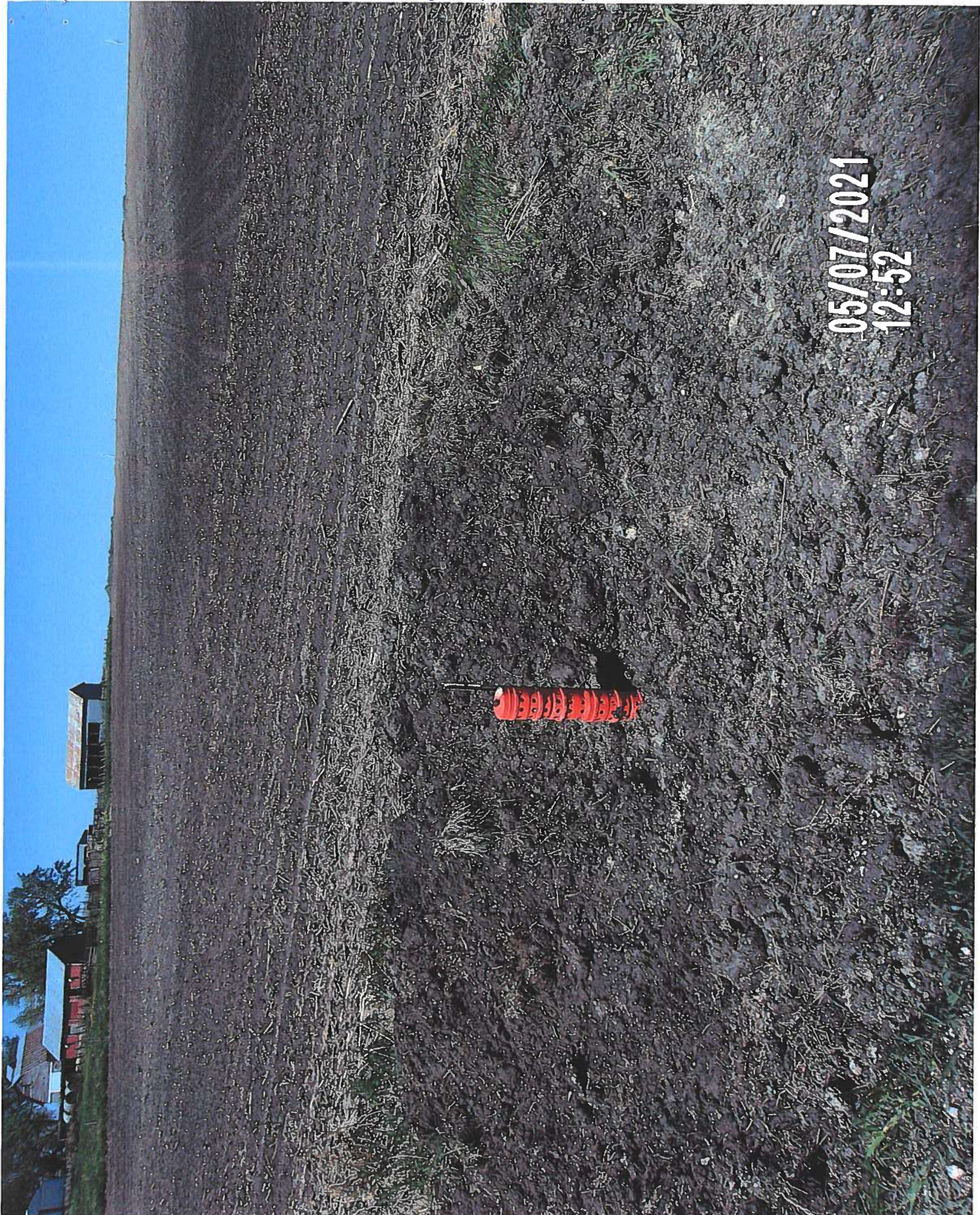
○ WATER STANDING

POSSIBLE BLOW-OUTS, dry NOW.

⊕ HICK INTAKE
YELLOW WIRE TOP DRY.

INTAKE ON N. SIDE OF 110TH ST.

05/07/2021
12:52



LOOKING DOWNSTREAM FROM 110TH ST.

05/07/2021
12:52



LOOKING UPSTREAM ON S. SIDE OF 110TH ST. @ WATER EROSION.



05/07/2021
13:01

Project Diary

Project: 00131		Days Charged:		Report No.	Proj. Mgr. <input checked="" type="checkbox"/>
CGA PN: 6916.3				Date: 5/21/21	LER GAUNTNER
Contractor:		Weather Conditions:		Precip.: 1/2"	Temp. Hi: 75°
Superintendent:		RAIN-SUN - RAIN-SUN			Temp. Low: 65°
INSPECTOR:		Contractor:			
Time Arrived: 2:30		Time Left: 4:00		Time Arrived: 3:00 Time Left: 4:00	
<p>1. General Remarks and Work Accomplished:</p> <p>ARRIVED @ JOB, POURING RAIN, CONTRACTOR ADAM SEWERT ARRIVED @ 3:00 WITH MINI HOR. DUG @ S R/W, FOUND CHARGED TILE, DUG SOUTH 5 MORE FEET, FOUND DEAD COON IN TILE COMPLETELY PLUGGING TILE, TOOK OUT, WATER DRAINING, WILL WAIT TIL MONDAY TO LET PRESSURE GO DOWN. RAINING AGAIN</p> <p>AT LEAST 3 SMALL REPAIRS ON WHAT LOOKED LIKE 8" CONC. TILE. TILE BREAKS EASILY. DOWNSTREAM EXPLORATORY HAS 2" MUD WITH STAGNANT WATER. CLAY TILE CHARDS EVERYWHERE. TILE WAS PROBABLY CLAY TO START WITH, THEN REPAID WITH CONC.</p>					
<p>2. Changes or Extra Work Ordered:</p> <p>NEED TO : REPAIR CONC. TILE SHOOT WITH GPS.</p>					
<p>3. Test Samples Taken:</p> <p>5/25/21 10:30AM, SHOT TILE WITH GPS ϕ #109, PK IN CMP \checkmark 8022 OK</p>					
<p>4. Visitors to Site:</p>					
<p>5. Other Work Crews or Project (utilities, subcontractors, etc.) and Work Done:</p>					
<p>6. Attachments (total sheets attached <u>0</u>):</p>					

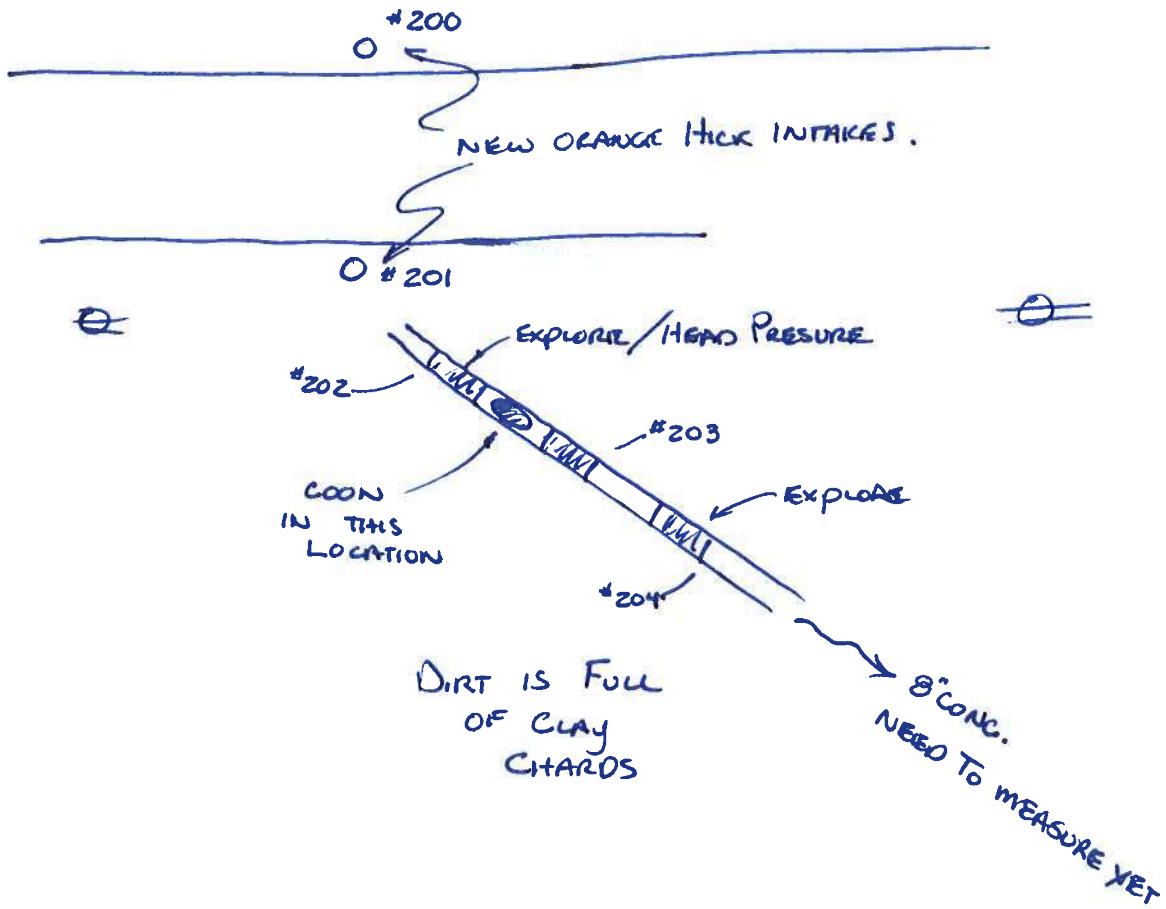
Inspector's Project Diary (continued)

CGA PN:

Report
No.

Date:

1. General Remarks and Work Accomplished (Continued):





05/21/2021
14:52

05/21/2021
14:45





05/21/2021
14:34

Inspector's Project Diary

Project: <u>DD 131 HARDIN Co.</u>			
CGA PN: <u>6916.3</u>	Days Charged:	Report No.	Proj. Mgr. <input checked="" type="checkbox"/>
Contractor: <u>ADAM SEWART</u>		Date: <u>6/2/21</u>	<u>LEE GAUNTINE</u>
Superintendent: <u>ADAM SEWART</u>	Weather Conditions: <u>CLEAR, CALM</u>	Precip.: <u>0"</u>	Temp. Hi: <u>85°</u> Temp. Low: <u>65°</u>
INSPECTOR: Time Arrived: <u>9:30</u> Time Left: <u>11:50</u>		Contractor: Time Arrived: <u>9:35</u> Time Left: <u>11:50</u>	
<p>1. General Remarks and Work Accomplished:</p> <p>ARRIVED @ JOB, 8" CONC. TILE HAS DIRT 1/2 FULL, WATER ON TOP. ADAM IS SUPPOSE TO ARRIVE @ 10:00. 9:35 3 MAN CREW, 1 SEMI-LOWBOY WITH MINI EX AND RUBBER TRACK UNILoader. (2) 1 TON PICKUPS WITH ROCK ON DUMP TRAILER, AND FLATBED WITH 2 STICKS 8" HOPE DUAL WALL. ADAM MARKS DIRT RAMP WITH SKID STEER. COMBINED 2 NORTH INSPECTION HOLES TOGETHER FOR A 10' 2" FIX AND THE S. INSPECTION HOLE MEASURES 24 1/2". BEDDING ROCK WAS SAND/RIVER ROCK MIX (NOT VERY GOOD). I TOLD ADAM NOT TO BRING THIS AGAIN FOR FUTURE FIXES. ONLY CRUSHED 1"-2" ROCK TYPICALLY USED. BACKFILLED WITH BUCKET COMPACTION.</p> <p>TOTAL 3 MEN + EQUIP = 2 1/2 HRS. 8" HOPE DUAL WALL = 12' 2 1/2" FABRIC @ JOINTS TEMP REPAIR, NO CONC. COLLARS. BEDDING ROCK = 1 TON ±</p>			
<p>2. Changes or Extra Work Ordered:</p> <p>FUTURE ACTION: INVESTIGATION SHOULD BE DONE TO DETERMINE SLOW FLOW WITH 2"-3" SILT IN EX.</p> <p>NO PROBLEM THIS YEAR WITH DROUGHT, BUT A WET YEAR WOULD TEST TILE.</p>			
<p>3. Test Samples Taken: AND PROBABLY FAIL TO PERFORM DRAINAGE. CONC. TILE WAS ALL CRACKED AND STARTING TO DISINTEGRATE.</p> <p>CREW PICKED TILE CHARDS AND HAULED AWAY</p>			
4. Visitors to Site:			
5. Other Work Crews or Project (utilities, subcontractors, etc.) and Work Done:			
6. Attachments (total sheets attached <u>0</u>):			

Inspector's Project Diary (continued)

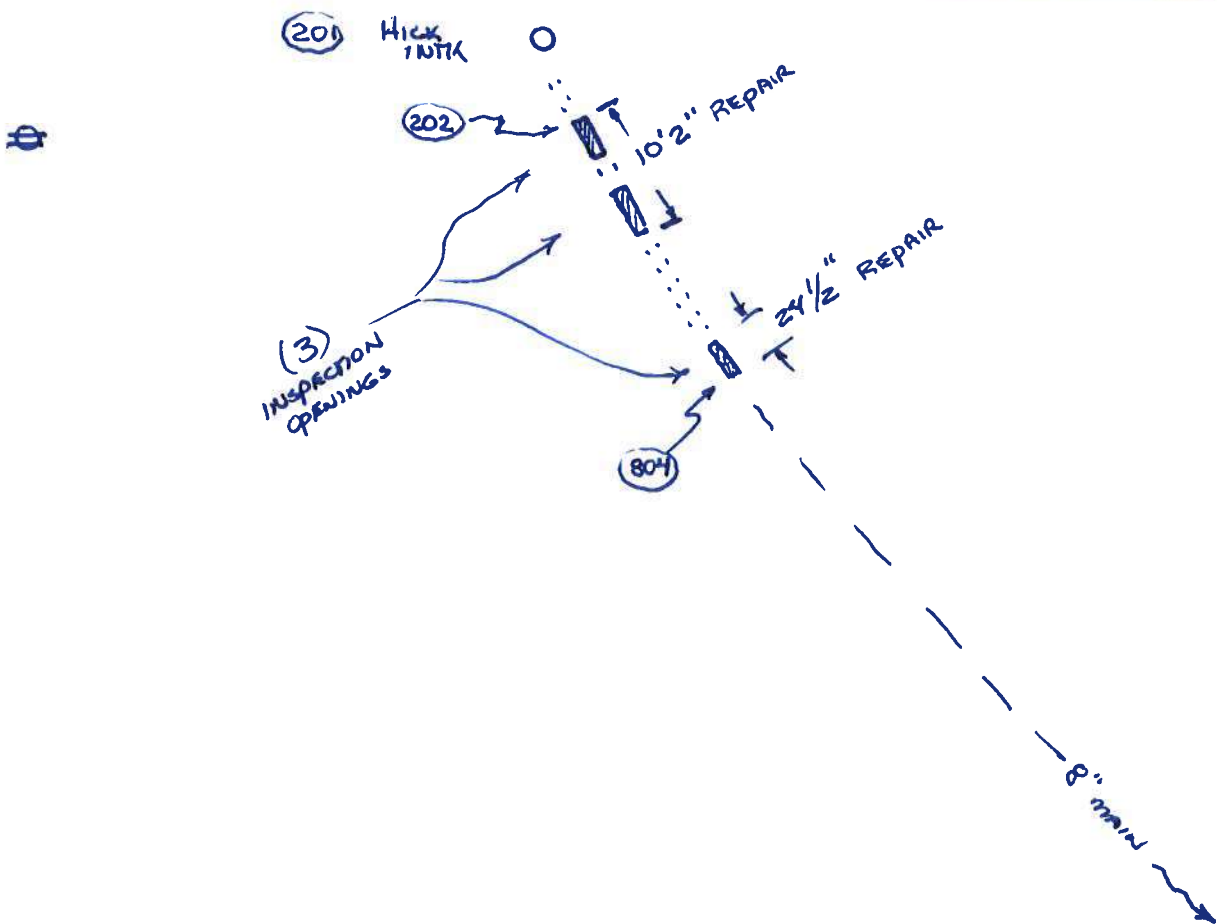
CGA PN:

Report
No.

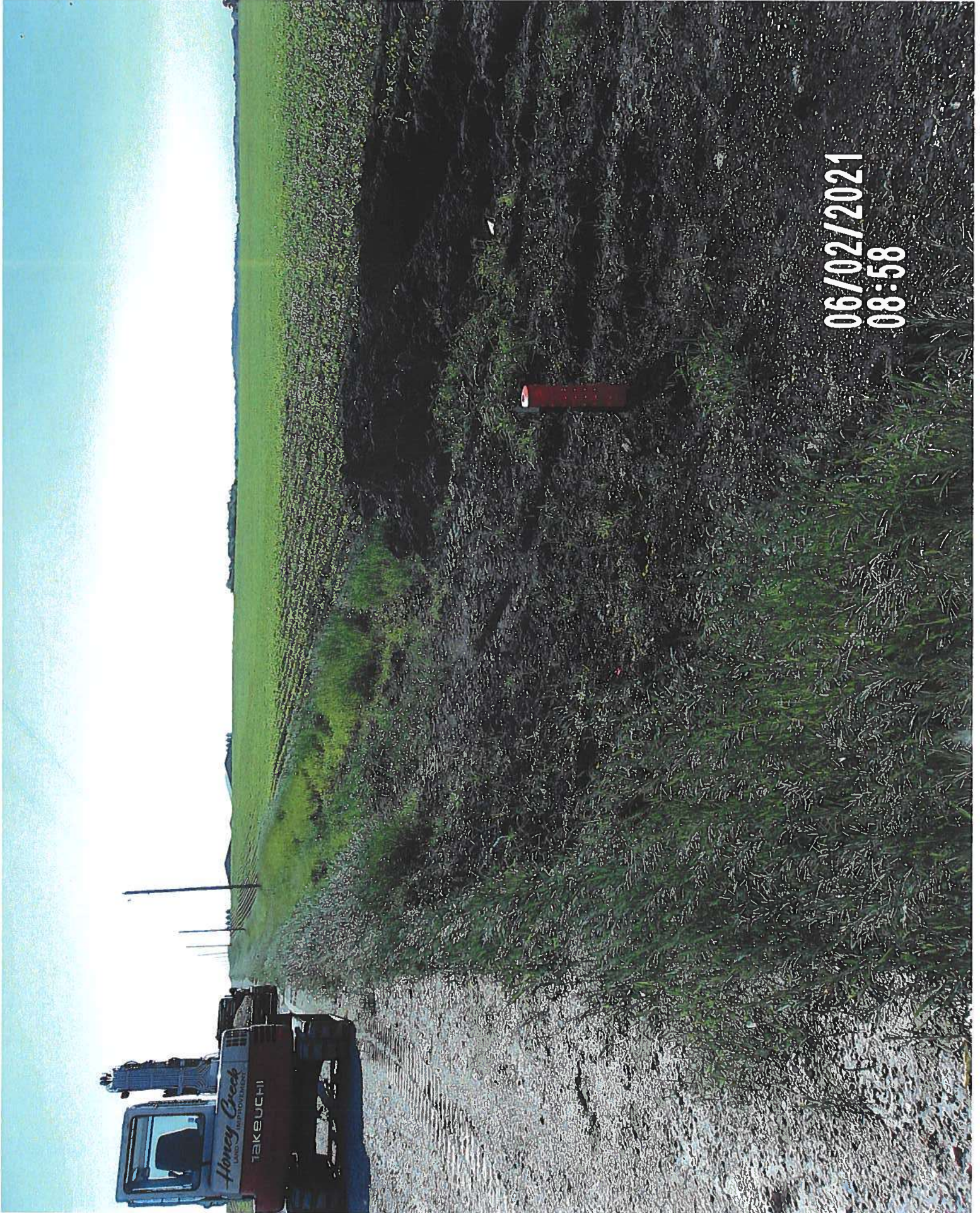
Date:

1. General Remarks and Work Accomplished (Continued):

○ HICK INTK

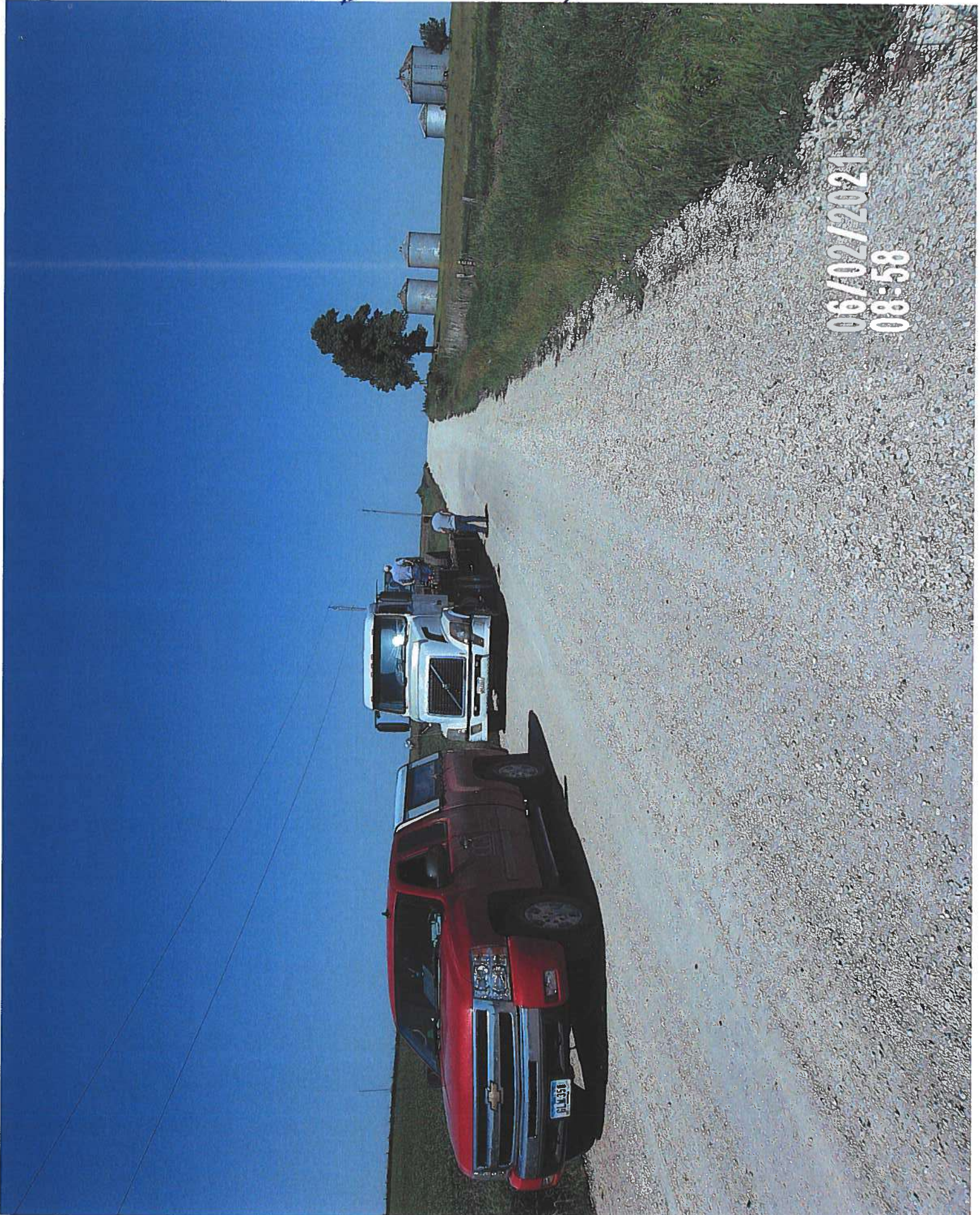


River Rock on TRAILOR



06/02/2021
08:58

EQUIPMENT ON LOWBOY



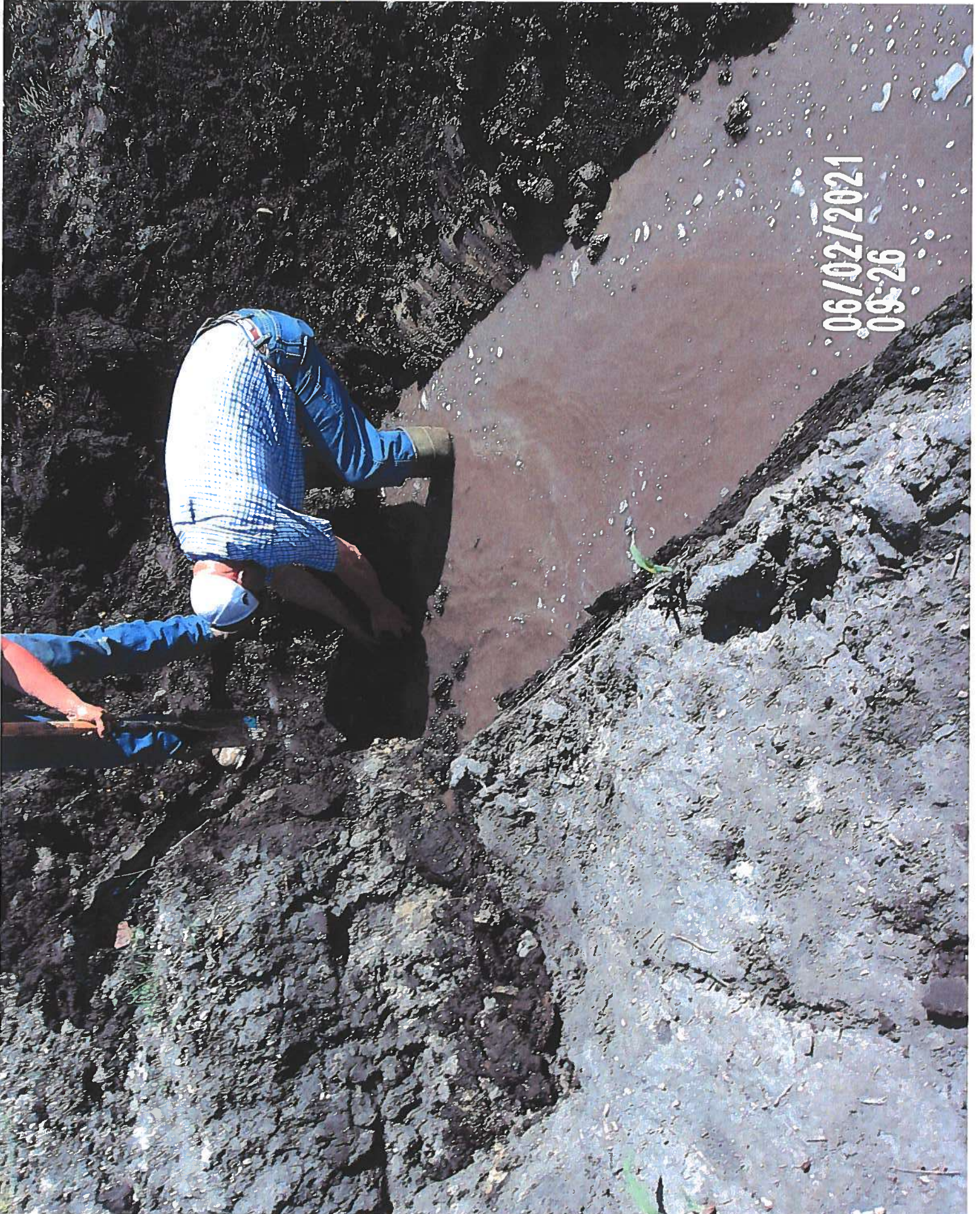
06/02/2021
08:58

FINDING TRUE



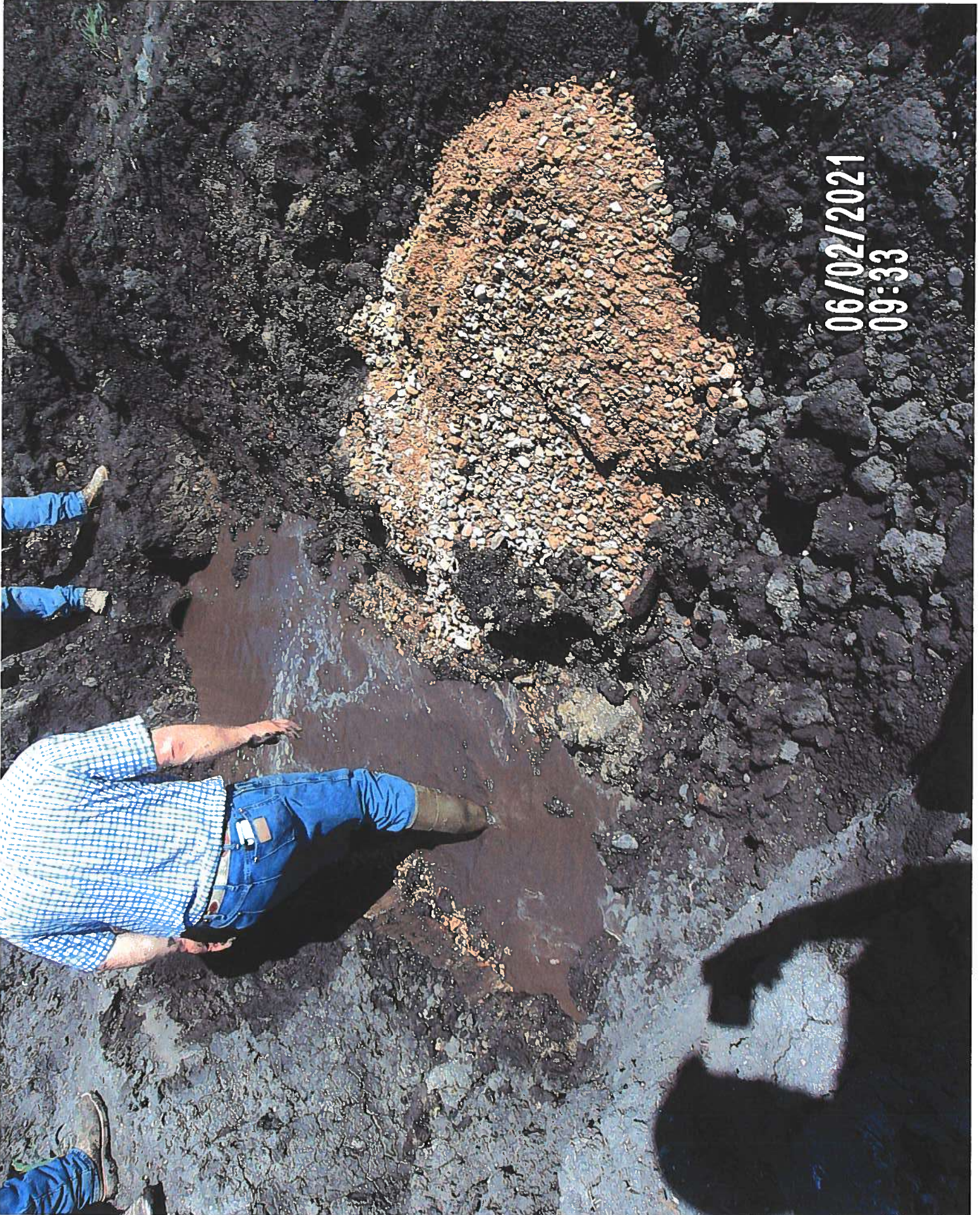
06/02/2021
09:13

CLEANING AROUND CONC. TIE



06/02/2021
09:26

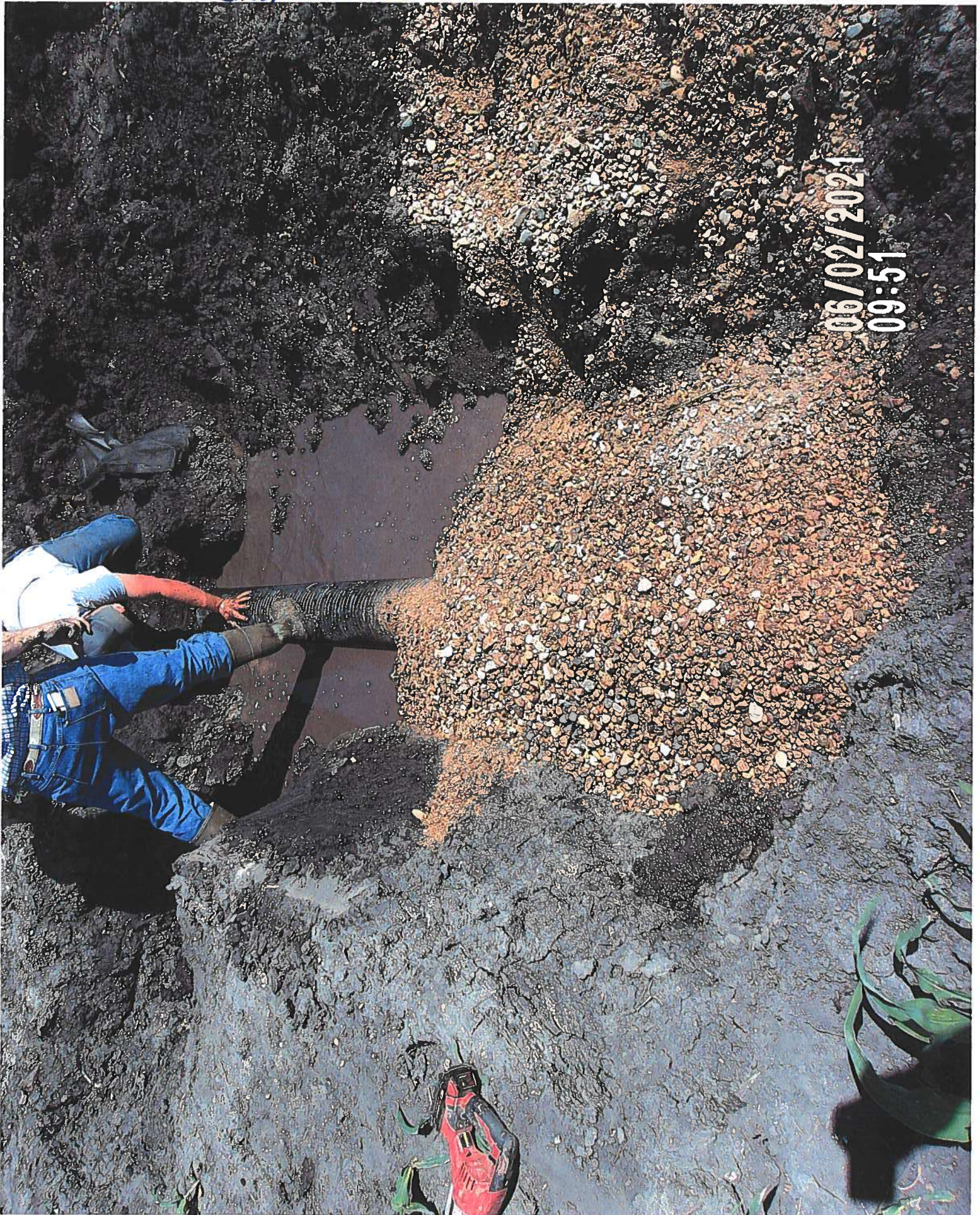
STEPPING IN RIVER ROCK TO GET SURF BASE FIRM



06/02/2021
09:33

SANDY RIVER STONE BEDDING

08/02/2021
09:51



STARTING BACK FILL

06/02/2021
10:33



6916 DD131 H 2021-05-25RB

1,3659158.436,4964209.084,1164.725,6" HICK INTK
2,3659803.127,4964200.688,1169.198,FNL E
3,3659810.167,4964194.931,1166.556,FL DITCH TREES N
4,3660997.476,4964095.530,1174.963,CPT 1/2IR
5,3659782.333,4964178.335,1171.251,GRAV
6,3659779.197,4964192.249,1166.124,GS
7,3666244.429,4953341.469,1130.202,GPS 8020
8,3660715.611,4964165.393,1169.023,6"HICK INTK
9,3660721.554,4964154.122,1175.525,SH
10,3660698.370,4964154.543,1175.512,SH
11,3660710.118,4964155.967,1169.080,TILE 1'W
12,3660710.737,4964157.380,1168.596,TILE TO INTK
13,3660171.265,4964178.675,1167.939,FL DITCH @END TREES
14,3659777.875,4964181.677,1171.127,SH
15,3659794.014,4964193.153,1165.832,6"HICK INTK NEW
16,3659794.252,4964184.023,1164.285,8"CLAY 3'W
17,3660553.531,4964158.271,1175.158,SH START TREES
18,3660986.937,4964147.605,1176.415,SH END TREES
19,3659777.587,4964188.145,1166.500,TOE
20,3659778.618,4964196.603,1166.014,TOE
21,3659778.550,4964200.250,1168.677,TB
22,3659777.548,4964213.140,1168.810,GS
23,3659782.126,4964181.595,1162.826,FL 8"CLAY
24,3660120.006,4964167.747,1172.758,FO
25,3660079.058,4964168.041,1172.591,FO
26,3660079.439,4964172.837,1172.418,SH
27,3660146.568,4964170.649,1172.594,SH
28,3660146.579,4964166.686,1172.900,FO
29,3660191.815,4964164.713,1173.115,FO
30,3660191.428,4964168.960,1172.834,SH
31,3659793.853,4964184.483,1163.609,TOP 8X8X8 T
32,3659801.906,4964185.966,1163.641,TOP HDPE JOINT
33,3659796.549,4964185.209,1164.381,GRAV
34,3659787.321,4964183.052,1164.557,GRAV
35,3659806.457,4964186.250,1164.780,GRAV
36,3659817.224,4964186.472,1164.290,GRAV
37,3659821.910,4964186.113,1163.688,TOP HDPE JOINT
38,3659831.879,4964186.007,1163.775,TOP HDPE COUPLER
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46,3659922.771,4964183.531,1163.880,TOP HDPE JOINT
47,3659932.454,4964183.191,1164.053,TOP HDPE COUPLER
48,3659942.909,4964182.614,1163.973,TOP HDPE JOINT
49,3659952.878,4964182.197,1163.969,TOP HDPE COUPLER

6916 DD131 H 2021-05-25RB

50,3659963.220,4964181.841,1164.000,TOP HDPE JOINT
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57,3660053.794,4964179.414,1164.166,TOP HDPE COUPLER
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59,3660073.944,4964178.585,1164.217,TOP HDPE COUPLER
60,3660084.144,4964178.570,1164.170,TOP HDPE JOINT
61,3660094.290,4964179.022,1164.255,TOP HDPE COUPLER
62,3660104.260,4964178.951,1164.284,TOP HDPE JOINT
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65,3660134.352,4964178.152,1164.375,TOP HDPE COUPLER
66,3660144.532,4964177.474,1164.436,TOP HDPE JOINT
67,3660160.559,4964169.033,1172.289,SH CONC COLLAR
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69,3660552.627,4964158.660,1166.148,TOP 8"HDPE
70,3660562.610,4964157.815,1166.150,TOP 8"HDPE
71,3660573.182,4964158.183,1166.274,TOP 8"HDPE
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84,3660714.568,4964154.234,1168.510,TOP 5" T EAST INTK
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86,3660713.196,4964153.141,1169.457,GRAV@CONC COLLAR
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88,3660715.502,4964155.752,1167.879,8X8X8 T EAST
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91,3660716.669,4964169.155,1168.700,TOP 5"CLAY TO EAST
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6916 DD131 H 2021-05-25RB

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115,3660919.427,4964145.248,1176.123, GRAV FO LOCATE
116,3660917.589,4964150.219,1169.331, TOP 8"HDPE
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123,3660978.103,4964148.095,1169.781, TOP 8"HDPE
124,3660992.122,4964146.114,1169.717, CLAY-HDPE JOINT
125,3653372.447,4962727.331,1144.755, GS S SIDE BLOWOU
126,3653377.963,4962727.527,1144.669, GS N SIDE BLOWOU
127,3653427.962,4962946.731,1154.313, FNL N-S
128,3653240.983,4962949.420,1146.536, FNL N
129,3653206.715,4962729.630,1148.069, CL 125TH ST
130,3653376.251,4962725.130,1140.177, Tile TOP 6" CONC 0.54'TOPTOFL
131,3653378.090,4962729.138,1140.001, Tile TOP 15" CLAY 1.38.'TOPTOFL
132,3653372.864,4962729.828,1140.057, Tile TOP 15" CLAY 1.36.'TOPTOFL
200,3661072.822,4961943.031,1166.135, GS INTK
201,3661023.165,4961940.232,1166.325, GS INTK
202,3661010.604,4961946.203,1164.486, TOP 8"CONC TILE
203,3661001.608,4961950.378,1164.484, TOP 8"CONC TILE
204,3660987.306,4961959.223,1164.456, TOP 8"CONC TILE
8022,3666160.310,4968629.670,1166.150, GPS 8022
8022_GNSS,3666160.310,4968629.670,1166.150, Autonomous Setup
8023,3651643.392,4969838.856,1101.611, GPS 8023

Drainage District:

#131

Investigation/Repair Summary:

- Tenant in the NW¼ NE¼ Section 8, Township 89 North, Range 21 West reported a plugged district tile (unnamed lateral on original map) on the south side of 110th Street.
- Visual observation found the new Hickenbottom tile intake in on the south side of 110th Street with stagnant water in the base. In the downstream field, found two depressions over the assumed tile route with what appeared to be swales formed by the overland flow of water. Approximately 400-feet downstream of the intake in the road ditch of 110th Street, another intake was encountered and found to be dry in the base, which had 1-foot of soil cover.
- Upon excavation in the downstream direction of the road ditch intake, a dead raccoon was found plugging the cracked 8-inch concrete tile and causing the observed backup of water. Excavating further downstream found previous repairs of the 8-inch concrete tile, with pieces of broken VCP tile in the soil around. In the excavated tile, approximately 2-inches of sediment with stagnant water was found within.
- Repaired the tile sections that were broken by the exploratory excavation with rock bedding and backfill, 8-inch dual wall HDPE, and temporary fabric collars at each end of the repair. The excavation was filled with on-site soil.

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

See attached Tabulated Contractor Time and Materials Sheet.

Additional Actions Recommended:

Given the stagnant water and sediment within the tile during this dry period, there is another restriction in the tile in the downstream direction. This restriction could be due to one of any causes (i.e. broken tile, obstruction, belly, etc.). It is our recommendation that it be investigated via either CCTV inspection or pot-holing at intervals.



Tabulated Contractor Time and Materials

Date	Totals	5/21/2021	6/2/2021
Workman (hrs)	18 1/2	2	16 1/2
Mini Excavator (hrs)	6 1/2	1	5 1/2
8" Dual Wall HDPE Tile (ft.)	12 1/2		12 1/2
1" Clean Bedding Rock	Yes		
Fabric Collars	Yes		





Drainage Work Order Request For Repair

Hardin County

Date: 5/5/2021

Work Order #: WO00000310

Drainage District: DDs\DD 131 (51146)

Sec-Twp-Rge: 08-89-21 **Qtr Sec:** NW of NE 1/4

Location/GIS: 89-21-08-200-001

Requested By: Marlin Tripp

Contact Phone: (641) 425-4875

Contact Email: or Ryan Tripp - 641-425-6389

Landowner (if different): Tripp, Norma J - 1/2 Stotts, Michelle L - 1/2

Description: DD 131 - Marlin Tripp (tenant) reports plugged tile in field just south of 110th St. Secondary Rds has already looked at it and refered Marlin to Drg Clerk as it was on DD tile. Located in parcel 892108200001.

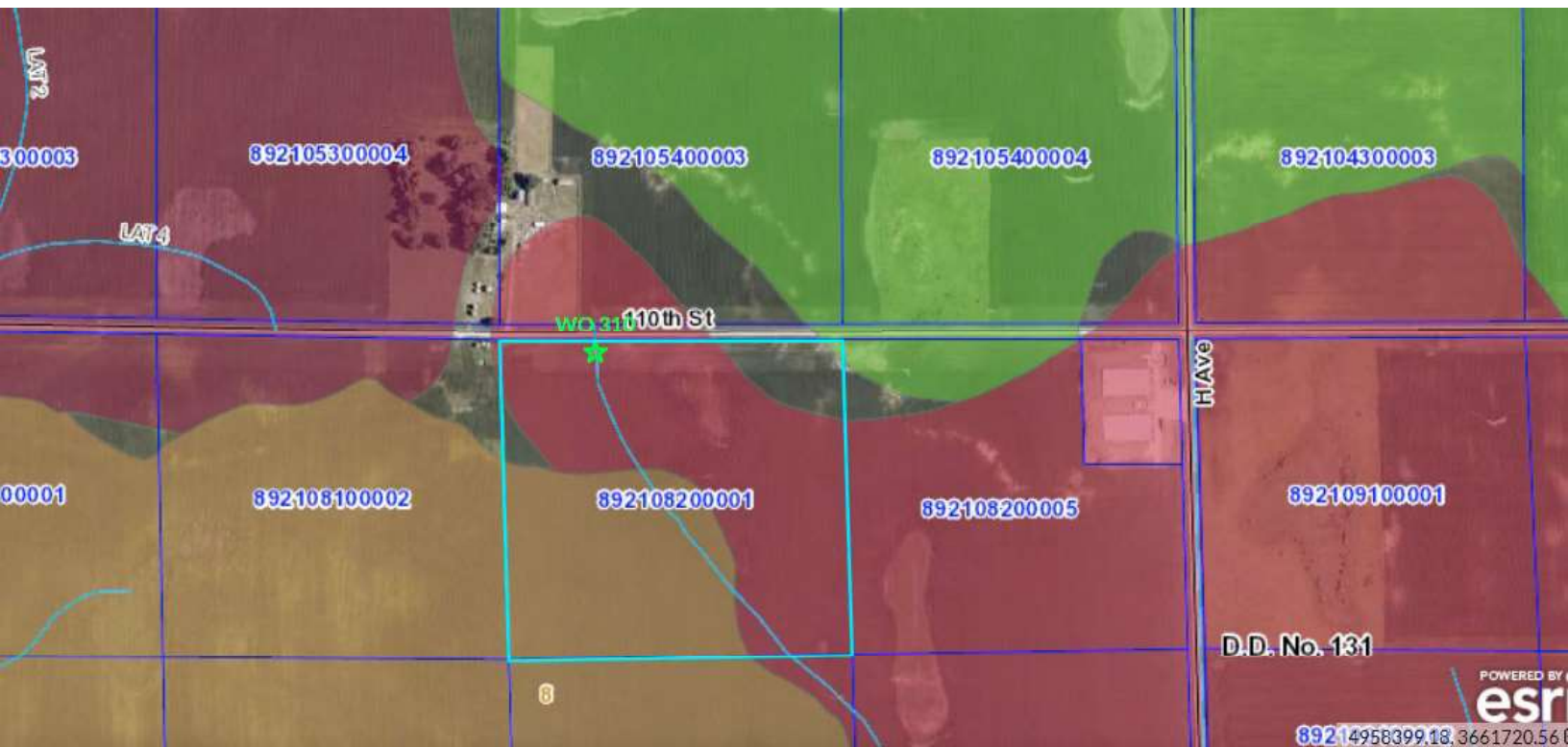
Repair labor, materials and equipment _____

Repaired By: _____ **Date:** _____

Please reference work order # and send statement for services to: Hardin County Auditor's Office
 Attn: Drainage Clerk
 1215 Edgington Ave, Suite 1
 Eldora, IA 50627
 Phone (641) 939-8111
 Fax (641) 939-8245

For Office Use Only

Approved: _____ **Date:** _____



300003

892105300004

892105400003

892105400004

892104300003

LAT 4

WO 311
110th St

00001

892108100002

892108200001

892108200005

892109100001

H/Ave

D.D. No. 131

8

POWERED BY
esri

89214958399.18,3661720.56

Project Diary

Project: 00131 H.			
CGA PN: 6916.3	Days Charged:	Report No.	Proj. Mgr. <input checked="" type="checkbox"/>
Contractor:		Date: 5/7/21	
Superintendent:	Weather Conditions: dry, 60°	Precip.: "	Temp. Hi: °
			Temp. Low: °
INSPECTOR:		Contractor:	
Time Arrived:	Time Left:	Time Arrived:	Time Left:
1. General Remarks and Work Accomplished:			
<p>FROM INTERSECTION OF H AVE AND 110TH ST., DROVE NOT QUITE W 1/2 MILE. NEW INTAKES ON BOTH SIDES OF ROAD WITH RUBBER TIRE BACK HOPE IN DITCH. INTAKE ON S. SIDE OF ROAD IS HAS STANDING WATER IN IT. CANT SEE ANYTHING ELSE, THAT WOULD SUGGEST IS A PLUGGED LINE.</p> <p>WALKED TIRE ROUTE TO SOUTH OF 110TH FOUND (NOT TOO FAR INTO FIELD) 2 AREAS THAT LOOKED LIKE WATER HAD BEEN RUNNING OUT OF, ERODING DIRT. PROBED BOTH AREAS, DIDNT HIT ANYTHING. WALKED TO INTAKE 400' SE, FOUND 6" PE HICK INTAKE WITH 1' COVER.</p>			
2. Changes or Extra Work Ordered:			
<p>FURTHER ACTION: FIND TIRE @ S. R/W 110TH AND RUN CABLE DOWNSTREAM DIG UP TIRE, FIND PLUG, INVESTIGATE.</p>			
3. Test Samples Taken:			
<p>CPT #4 IS GONE ON 110TH/H AVE INT. CPT #109 IS IN, SMALL PK ON CMP @ SW COR 110TH AND H.</p>			
4. Visitors to Site:			
5. Other Work Crews or Project (utilities, subcontractors, etc.) and Work Done:			
6. Attachments (total sheets attached <u>0</u>):			

Inspector's Project Diary (continued)

CGA PN: 8712.06

Report
No.

Date:

1. General Remarks and Work Accomplished (Continued):

FREM
□

○ NEW INTAKE HICK, ORANGE RISERS

1/4 Cor

110TH

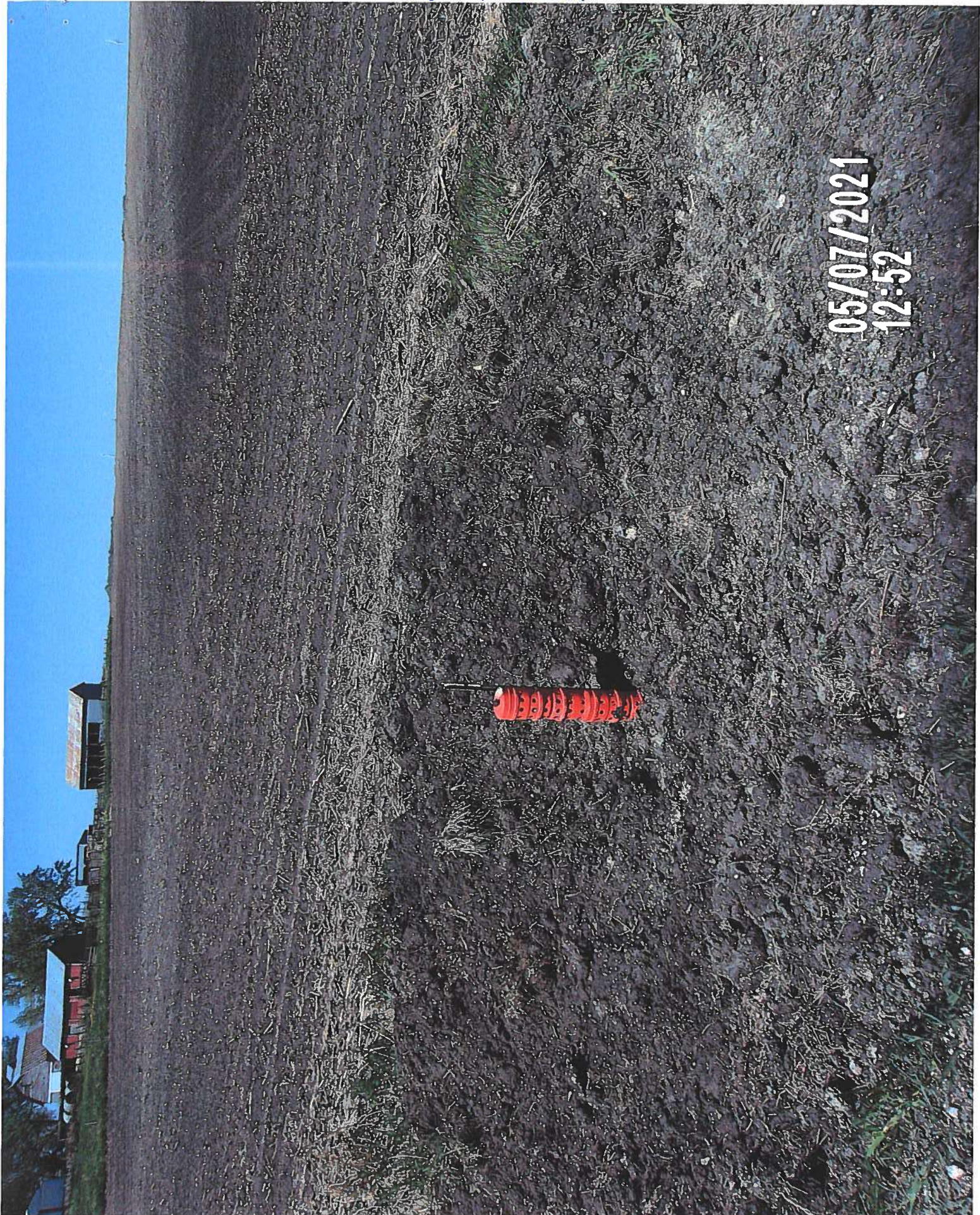
○ WATER STANDING

POSSIBLE BLOW-OUTS, dry NOW.

⊕ HICK INTAKE
YELLOW WIRE TOP DRY.

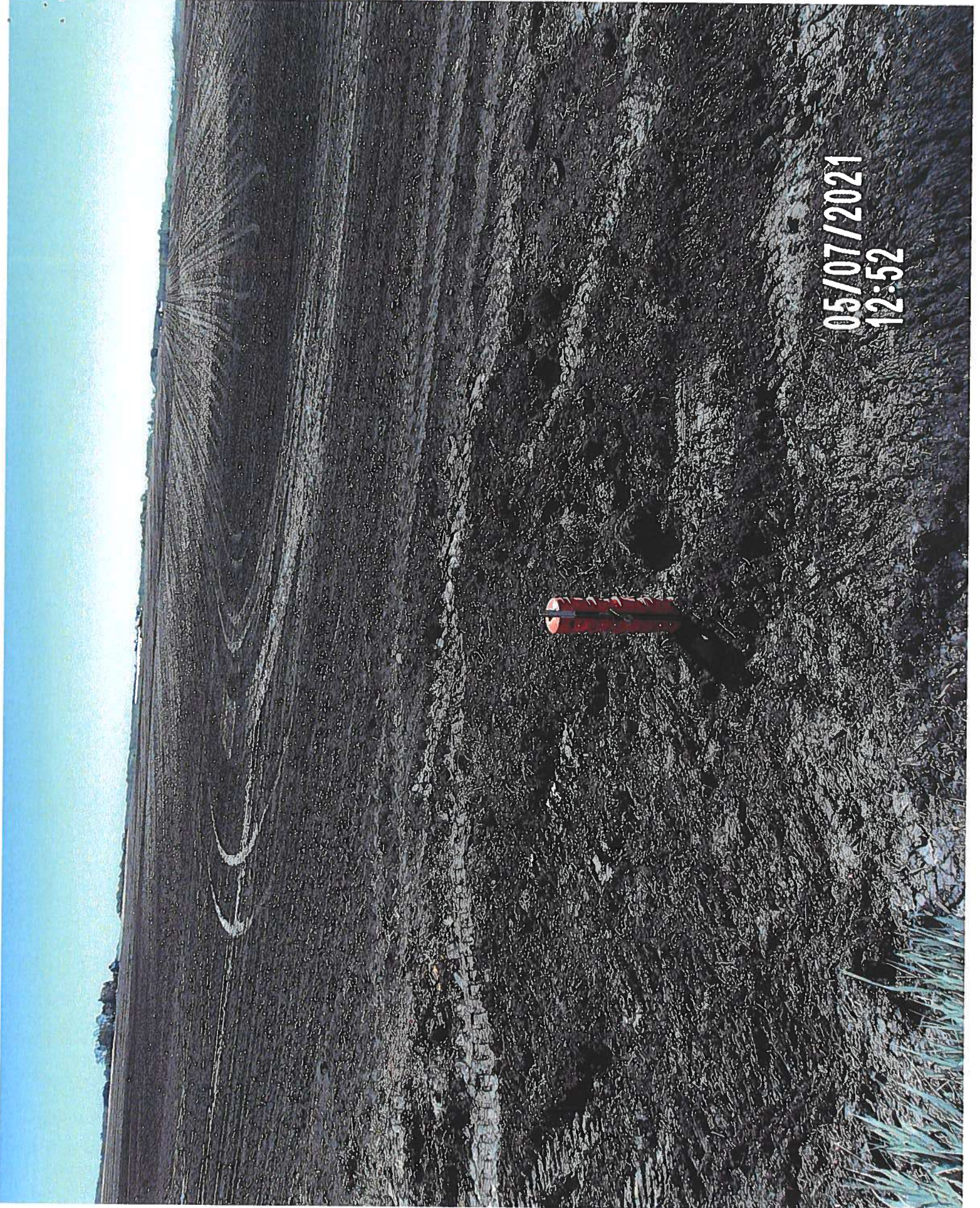
INTAKE ON N. SIDE OF 110TH ST.

05/07/2021
12:52

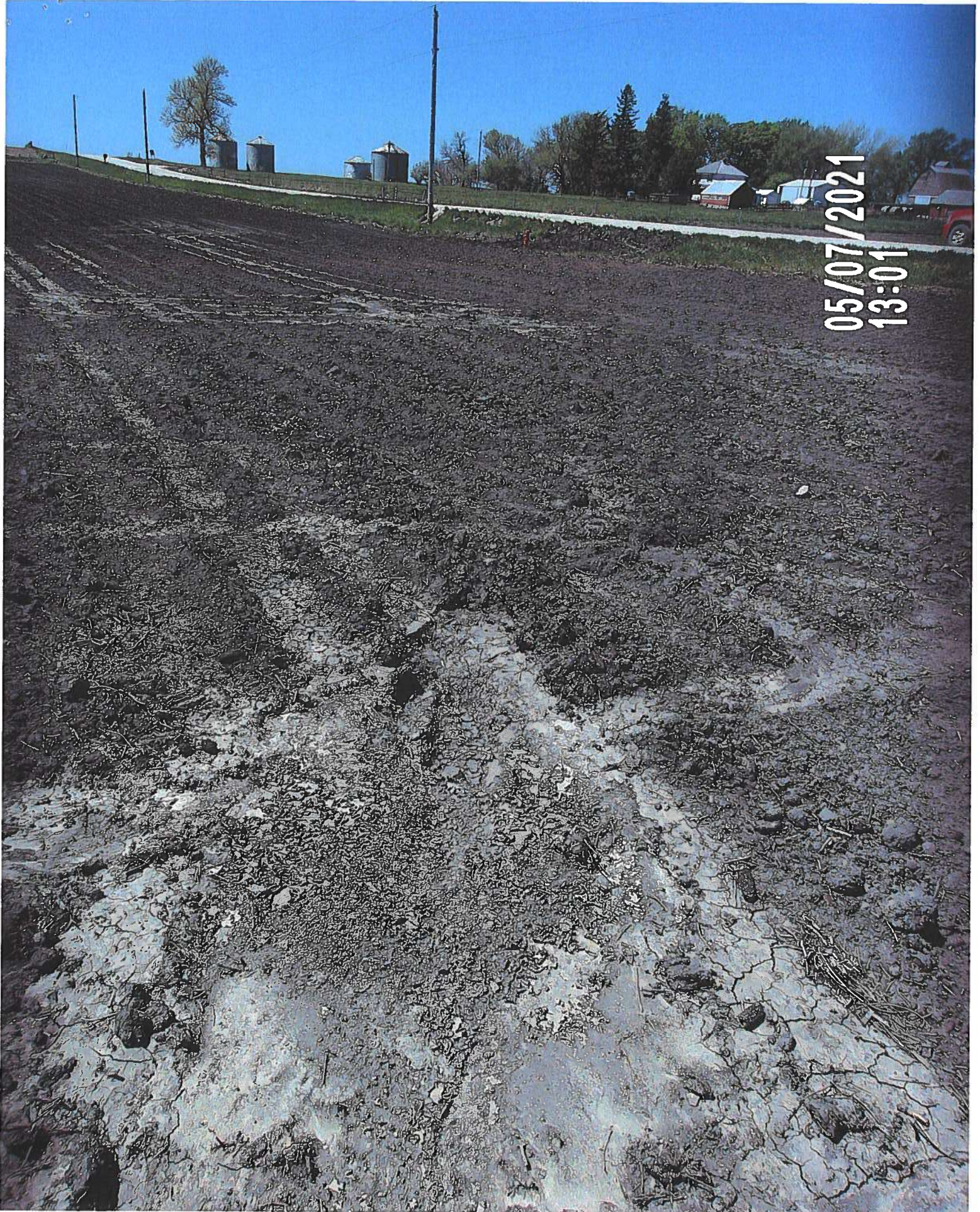


LOOKING DOWNSTREAM FROM 110TH ST.

05/07/2021
12:52



LOOKING UPSTREAM ON S. SIDE OF 110TH ST. @ WATER EROSION.



05/07/2021
13:01

Project Diary

Project: 00131		Days Charged:		Report No.	Proj. Mgr. <input checked="" type="checkbox"/>
CGA PN: 6916.3				Date: 5/21/21	LER GAUNTNER
Contractor:		Weather Conditions:		Precip.: 1/2"	Temp. Hi: 75°
Superintendent:		RAIN-SUN - RAIN-SUN			Temp. Low: 65°
INSPECTOR:		Contractor:			
Time Arrived: 2:30		Time Left: 4:00		Time Arrived: 3:00 Time Left: 4:00	
<p>1. General Remarks and Work Accomplished:</p> <p>ARRIVED @ JOB, POURING RAIN, CONTRACTOR ADAM SEWERT ARRIVED @ 3:00 WITH MINI HOR. DUG @ S R/W, FOUND CHARGED TILE, DUG SOUTH 5 MORE FEET, FOUND DEAD COON IN TILE COMPLETELY PLUGGING TILE, TOOK OUT, WATER DRAINING, WILL WAIT TIL MONDAY TO LET PRESSURE GO DOWN. RAINING AGAIN</p> <p>AT LEAST 3 SMALL REPAIRS ON WHAT LOOKED LIKE 8" CONC. TILE. TILE BREAKS EASILY. DOWNSTREAM EXPLORATORY HAS 2" MUD WITH STAGNANT WATER. CLAY TILE CHARDS EVERYWHERE. TILE WAS PROBABLY CLAY TO START WITH, THEN REPAID WITH CONC.</p>					
<p>2. Changes or Extra Work Ordered:</p> <p>NEED TO : REPAIR CONC. TILE SHOOT WITH GPS.</p>					
<p>3. Test Samples Taken:</p> <p>5/25/21 10:30AM, SHOT TILE WITH GPS ϕ #109, PK IN CMP \checkmark 8022 OK</p>					
<p>4. Visitors to Site:</p>					
<p>5. Other Work Crews or Project (utilities, subcontractors, etc.) and Work Done:</p>					
<p>6. Attachments (total sheets attached <u>0</u>):</p>					

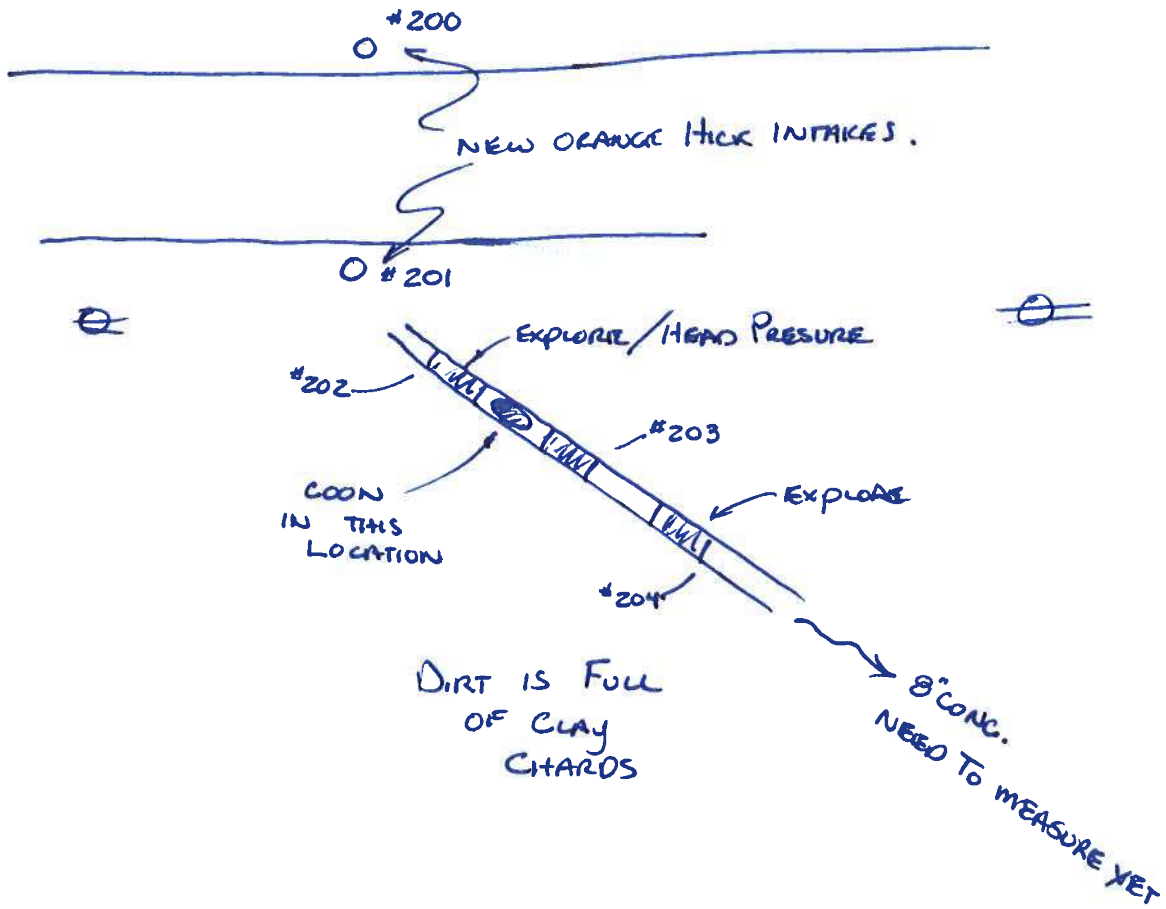
Inspector's Project Diary (continued)

CGA PN:

Report
No.

Date:

1. General Remarks and Work Accomplished (Continued):





05/21/2021
14:52

05/21/2021
14:45





05/21/2021
14:34

Inspector's Project Diary

Project: <u>DD 131 HARDIN Co.</u>			
CGA PN: <u>6916.3</u>	Days Charged:	Report No.	Proj. Mgr. <input checked="" type="checkbox"/>
Contractor: <u>ADAM SEWART</u>		Date: <u>6/2/21</u>	<u>LEE GAUNTINE</u>
Superintendent: <u>ADAM SEWART</u>	Weather Conditions: <u>CLEAR, CALM</u>	Precip.: <u>0"</u>	Temp. Hi: <u>85°</u> Temp. Low: <u>65°</u>
INSPECTOR: Time Arrived: <u>9:30</u> Time Left: <u>11:50</u>		Contractor: Time Arrived: <u>9:35</u> Time Left: <u>11:50</u>	
<p>1. General Remarks and Work Accomplished:</p> <p>ARRIVED @ JOB, 8" CONC. TILE HAS DIRT 1/2 FULL, WATER ON TOP. ADAM IS SUPPOSE TO ARRIVE @ 10:00. 9:35 3 MAN CREW, 1 SEMI-LOWBOY WITH MINI EX AND RUBBER TRACK UNI LOADER. (2) 1 TON PICK UPS WITH ROCK ON DUMP TRAILER, AND FLATBED WITH 2 STICKS 8" HOPE DUAL WALL. ADAM MARKS DIRT RAMP WITH SKID STEER. COMBINED 2 NORTH INSPECTION HOLES TOGETHER FOR A 10' 2" FIX AND THE S. INSPECTION HOLE MEASURES 24 1/2". BEDDING ROCK WAS SAND/RIVER ROCK MIX (NOT VERY GOOD). I TOLD ADAM NOT TO BRING THIS AGAIN FOR FUTURE FIXES. ONLY CRUSHED 1"-2" ROCK TYPICALLY USED. BACKFILLED WITH BUCKET COMPACTION.</p> <p>TOTAL 3 MEN + EQUIP = 2 1/2 HRS. 8" HOPE DUAL WALL = 12' 2 1/2" FABRIC @ JOINTS TEMP REPAIR, NO CONC. COLLARS. BEDDING ROCK = 1 TON ±</p>			
<p>2. Changes or Extra Work Ordered:</p> <p>FUTURE ACTION: INVESTIGATION SHOULD BE DONE TO DETERMINE SLOW FLOW WITH 2"-3" SILT IN EX.</p> <p>NO PROBLEM THIS YEAR WITH DROUGHT, BUT A WET YEAR WOULD TEST TILE.</p>			
<p>3. Test Samples Taken: AND PROBABLY FAIL TO PERFORM DRAINAGE. CONC. TILE WAS ALL CRACKED AND STARTING TO DISINTEGRATE.</p> <p>CREW PICKED TILE CHARDS AND HAULED AWAY</p>			
4. Visitors to Site:			
5. Other Work Crews or Project (utilities, subcontractors, etc.) and Work Done:			
6. Attachments (total sheets attached <u>0</u>):			

Inspector's Project Diary (continued)

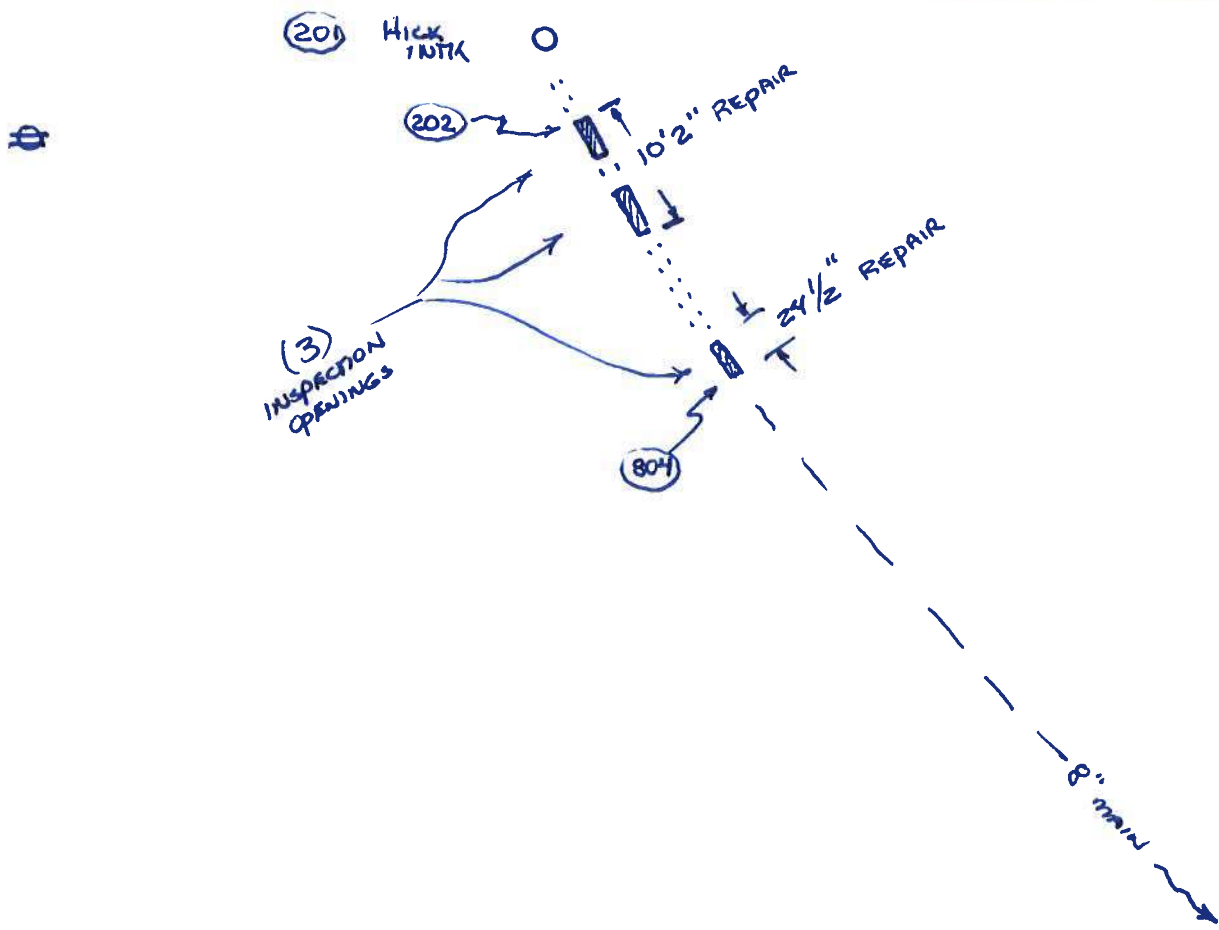
CGA PN:

Report
No.

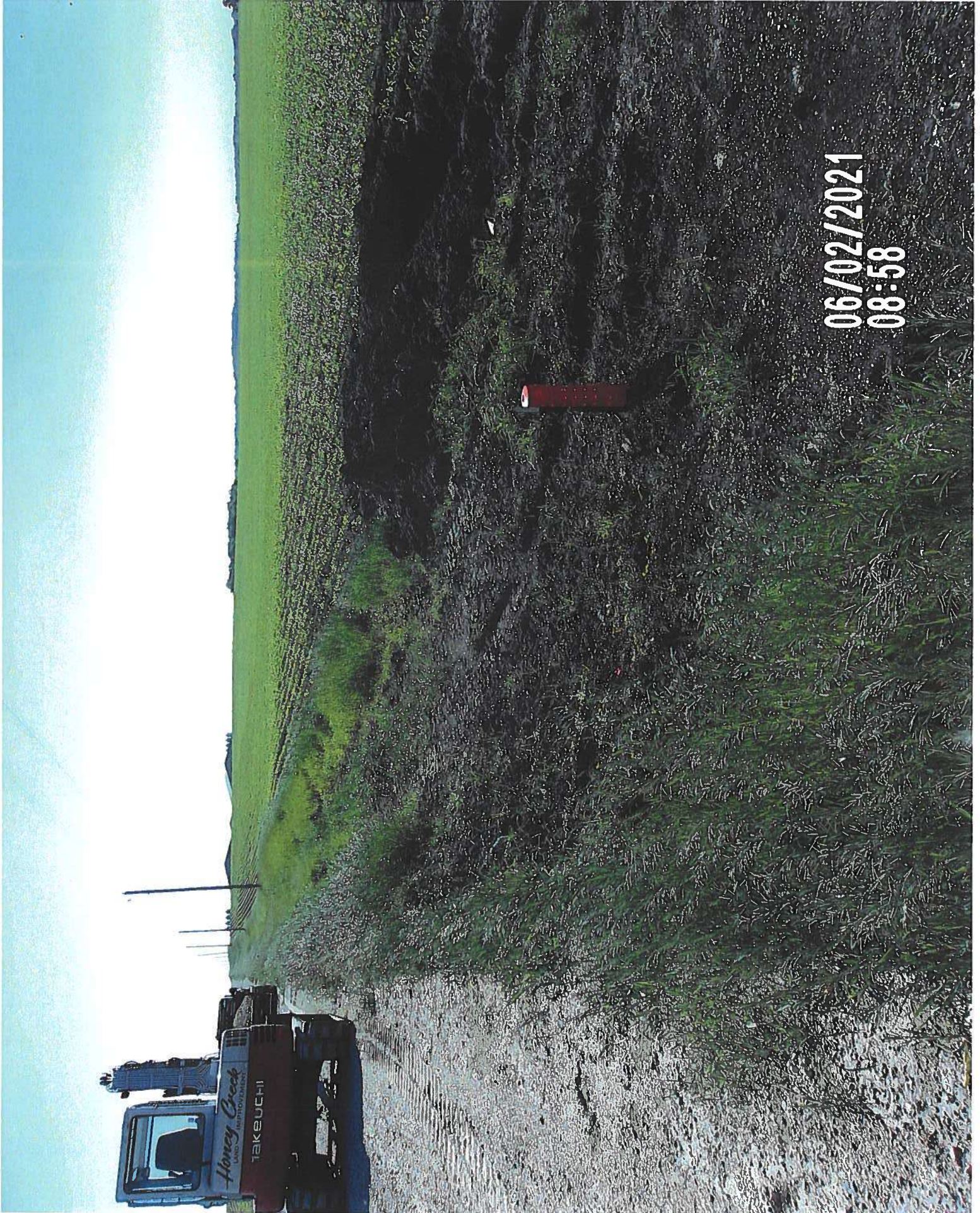
Date:

1. General Remarks and Work Accomplished (Continued):

○ HICK INTK

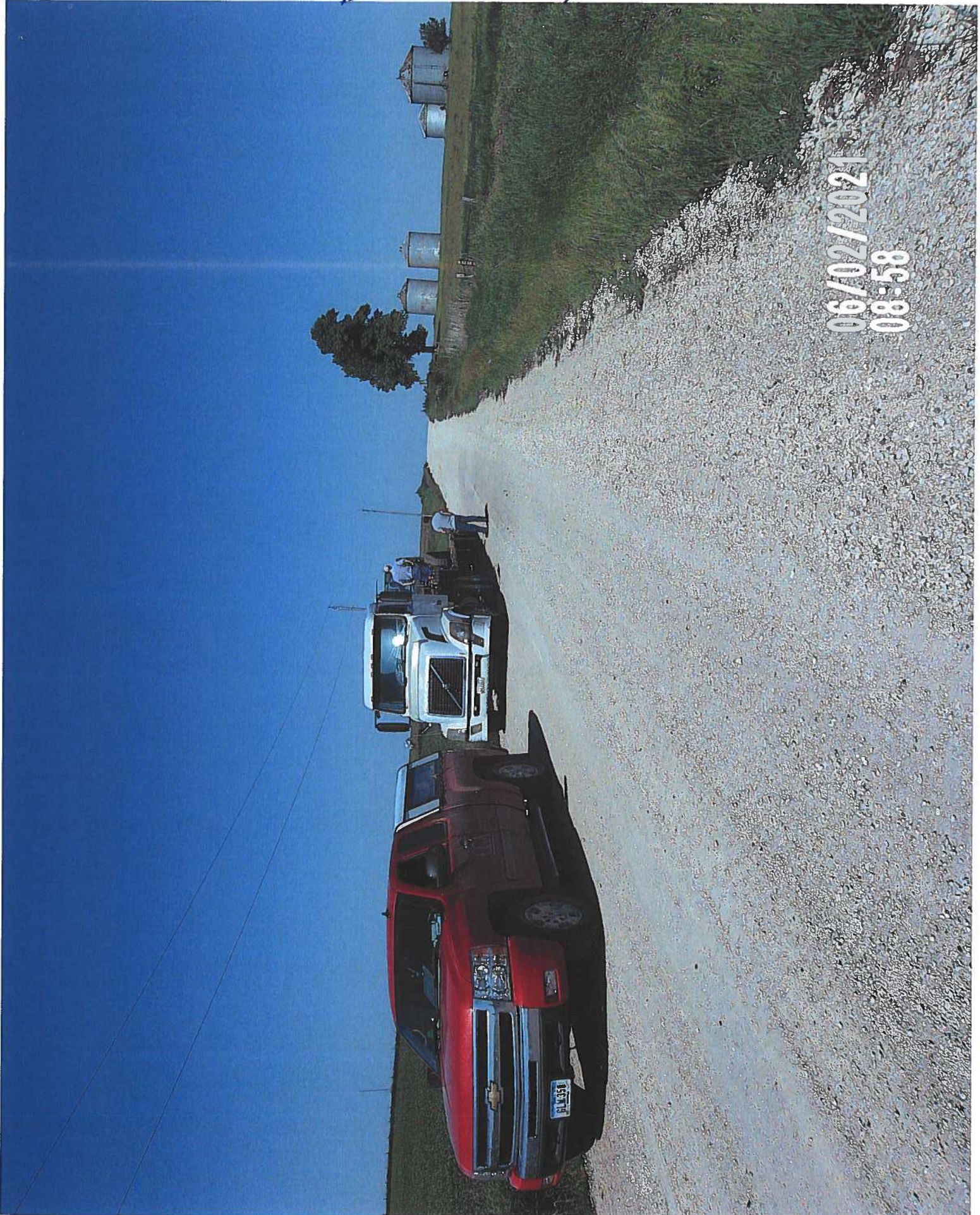


River Rock on TRAILOR



06/02/2021
08:58

EQUIPMENT ON LOWBOY



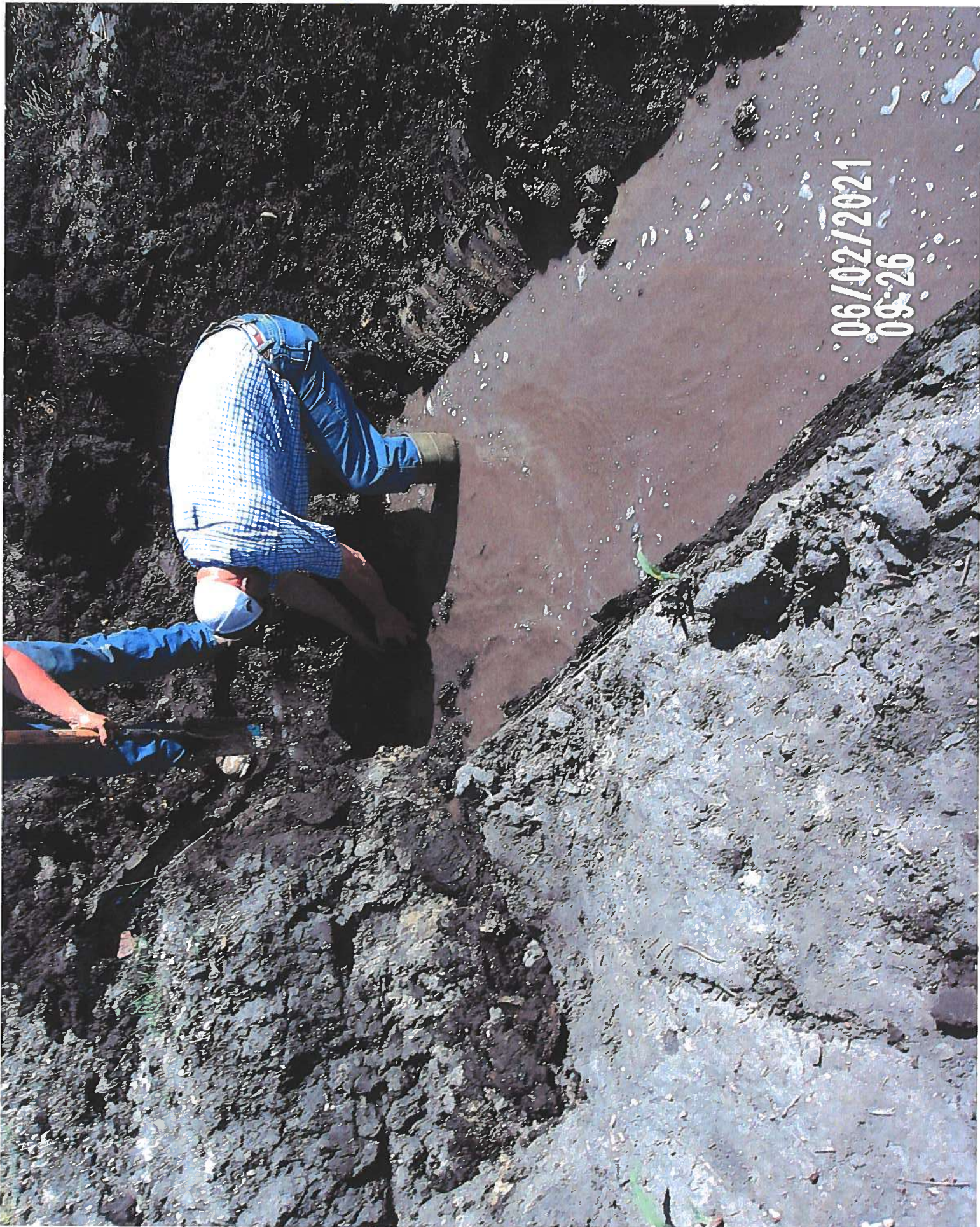
06/02/2021
08:58

FINDING TRUE



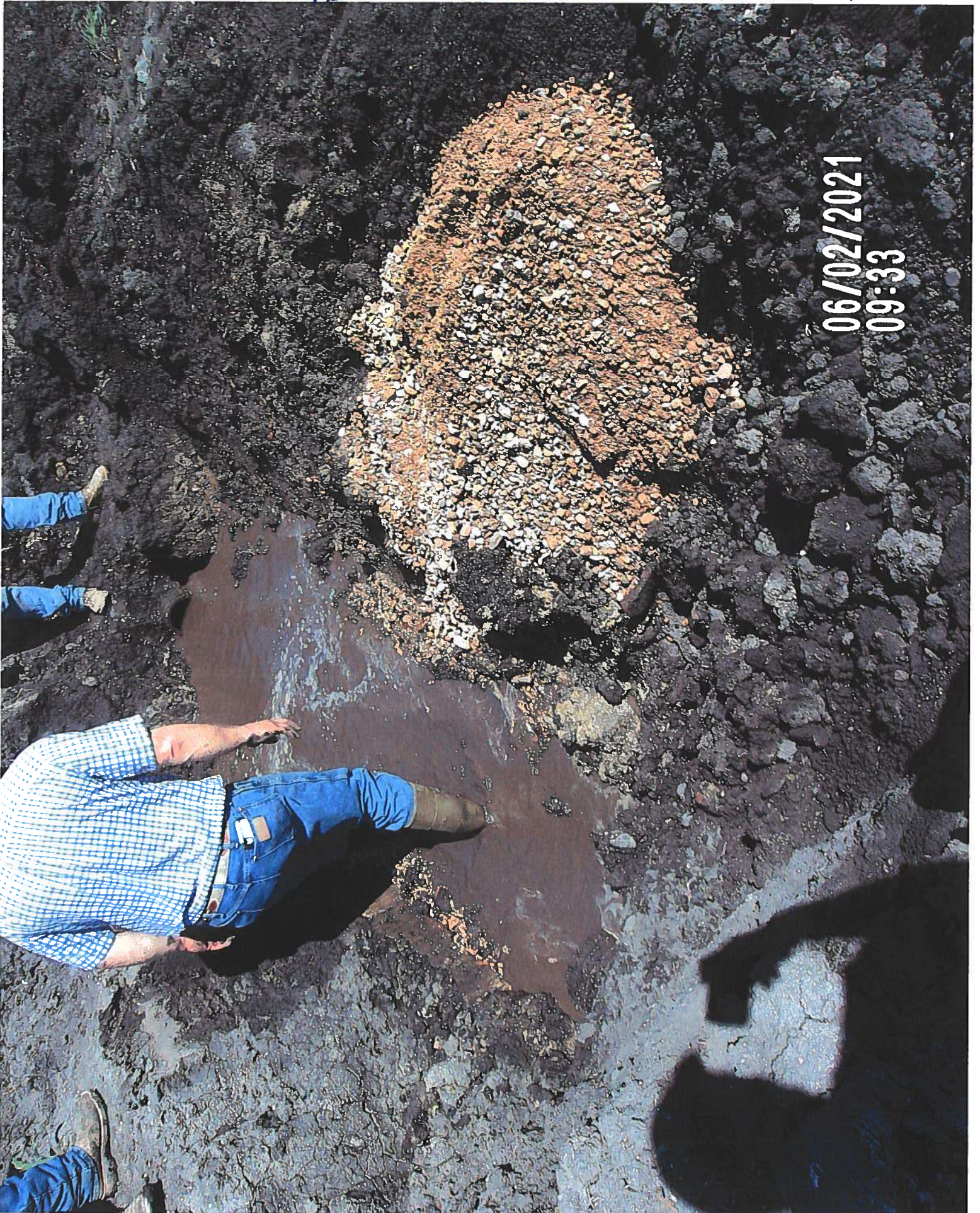
06/02/2021
09:13

CLEANING AROUND CONC. TIE



06/02/2021
09:26

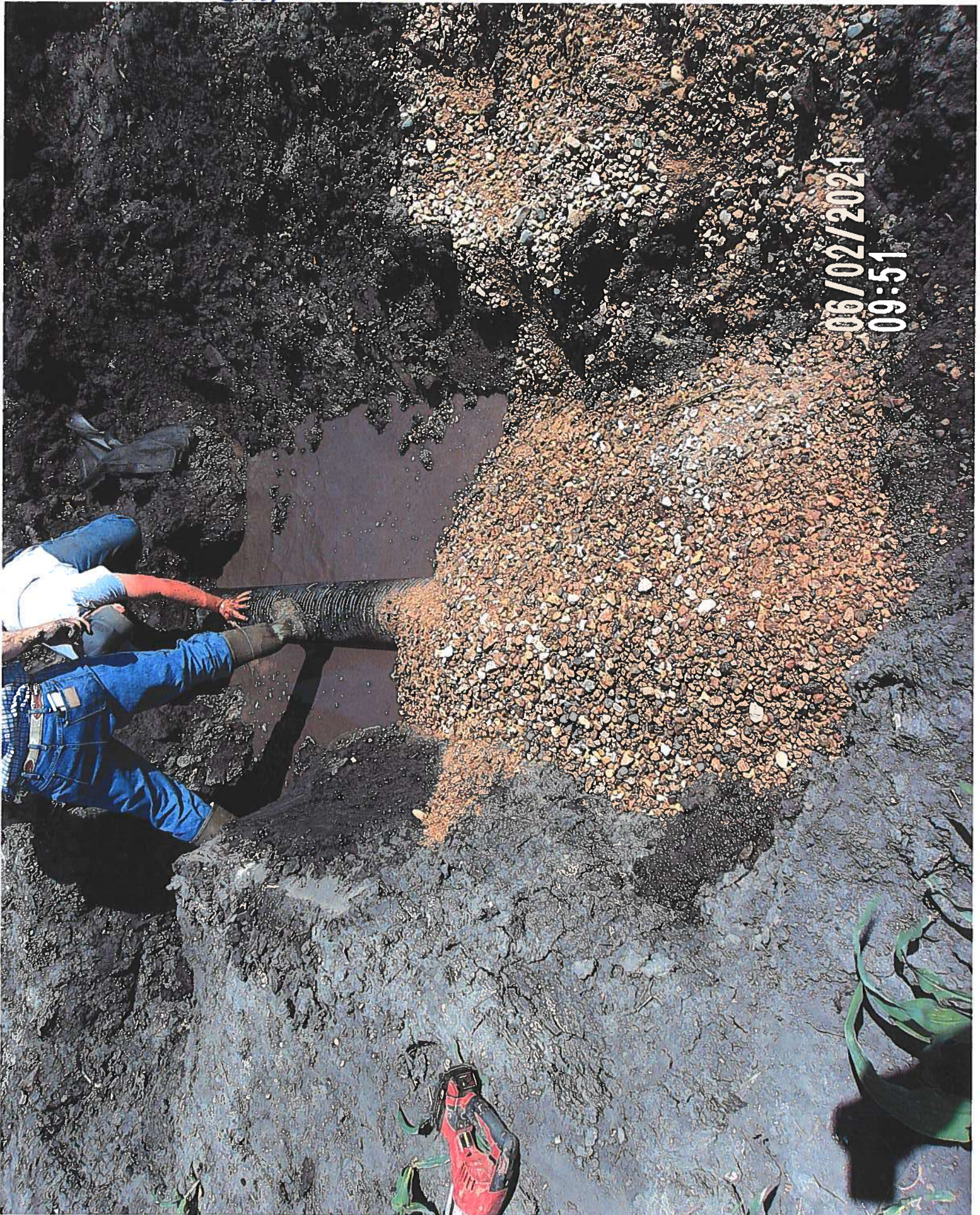
STEPPING IN RIVER ROCK TO GET SURF BASE FIRM



06/02/2021
09:33

SANDY RIVER STONE BEDDING

08/02/2021
09:51



STARTING BACK FILL

06/02/2021
10:33



6916 DD131 H 2021-05-25RB

1,3659158.436,4964209.084,1164.725,6" HICK INTK
2,3659803.127,4964200.688,1169.198,FNL E
3,3659810.167,4964194.931,1166.556,FL DITCH TREES N
4,3660997.476,4964095.530,1174.963,CPT 1/2IR
5,3659782.333,4964178.335,1171.251,GRAV
6,3659779.197,4964192.249,1166.124,GS
7,3666244.429,4953341.469,1130.202,GPS 8020
8,3660715.611,4964165.393,1169.023,6"HICK INTK
9,3660721.554,4964154.122,1175.525,SH
10,3660698.370,4964154.543,1175.512,SH
11,3660710.118,4964155.967,1169.080,TILE 1'W
12,3660710.737,4964157.380,1168.596,TILE TO INTK
13,3660171.265,4964178.675,1167.939,FL DITCH @END TREES
14,3659777.875,4964181.677,1171.127,SH
15,3659794.014,4964193.153,1165.832,6"HICK INTK NEW
16,3659794.252,4964184.023,1164.285,8"CLAY 3'W
17,3660553.531,4964158.271,1175.158,SH START TREES
18,3660986.937,4964147.605,1176.415,SH END TREES
19,3659777.587,4964188.145,1166.500,TOE
20,3659778.618,4964196.603,1166.014,TOE
21,3659778.550,4964200.250,1168.677,TB
22,3659777.548,4964213.140,1168.810,GS
23,3659782.126,4964181.595,1162.826,FL 8"CLAY
24,3660120.006,4964167.747,1172.758,FO
25,3660079.058,4964168.041,1172.591,FO
26,3660079.439,4964172.837,1172.418,SH
27,3660146.568,4964170.649,1172.594,SH
28,3660146.579,4964166.686,1172.900,FO
29,3660191.815,4964164.713,1173.115,FO
30,3660191.428,4964168.960,1172.834,SH
31,3659793.853,4964184.483,1163.609,TOP 8X8X8 T
32,3659801.906,4964185.966,1163.641,TOP HDPE JOINT
33,3659796.549,4964185.209,1164.381,GRAV
34,3659787.321,4964183.052,1164.557,GRAV
35,3659806.457,4964186.250,1164.780,GRAV
36,3659817.224,4964186.472,1164.290,GRAV
37,3659821.910,4964186.113,1163.688,TOP HDPE JOINT
38,3659831.879,4964186.007,1163.775,TOP HDPE COUPLER
39,3659842.061,4964185.411,1163.820,TOP HDPE JOINT
40,3659862.212,4964184.361,1163.861,TOP HDPE JOINT
41,3659872.351,4964183.695,1163.660,TOP HDPE JOINT
42,3659882.110,4964183.301,1163.758,TOP HDPE COUPLING
43,3659902.462,4964183.853,1163.870,TOP HDPE JOINT
44,3659912.583,4964183.829,1163.828,TOP HDPE COUPLING
45,3659911.732,4964183.934,1165.326,GRAV
46,3659922.771,4964183.531,1163.880,TOP HDPE JOINT
47,3659932.454,4964183.191,1164.053,TOP HDPE COUPLER
48,3659942.909,4964182.614,1163.973,TOP HDPE JOINT
49,3659952.878,4964182.197,1163.969,TOP HDPE COUPLER

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50,3659963.220,4964181.841,1164.000,TOP HDPE JOINT
51,3659983.357,4964181.263,1163.956,TOP HDPE JOINT
52,3659993.392,4964181.251,1164.034,TOP HDPE COUPLER
53,3660003.450,4964180.857,1164.065,TOP HDPE JOINT
54,3660013.541,4964180.556,1164.096,TOP HDPE COUPLER
55,3660032.849,4964179.983,1164.013,TOP HDPE JOINT
56,3660043.897,4964179.416,1164.168,TOP HDPE JOINT
57,3660053.794,4964179.414,1164.166,TOP HDPE COUPLER
58,3660063.923,4964178.896,1164.130,TOP HDPE JOINT
59,3660073.944,4964178.585,1164.217,TOP HDPE COUPLER
60,3660084.144,4964178.570,1164.170,TOP HDPE JOINT
61,3660094.290,4964179.022,1164.255,TOP HDPE COUPLER
62,3660104.260,4964178.951,1164.284,TOP HDPE JOINT
63,3660114.186,4964178.584,1164.281,TOP HDPE COUPLER
64,3660124.329,4964178.411,1164.364,TOP HDPE JOINT
65,3660134.352,4964178.152,1164.375,TOP HDPE COUPLER
66,3660144.532,4964177.474,1164.436,TOP HDPE JOINT
67,3660160.559,4964169.033,1172.289,SH CONC COLLAR
68,3660541.983,4964158.687,1166.001,TOP 5"CLAY
69,3660552.627,4964158.660,1166.148,TOP 8"HDPE
70,3660562.610,4964157.815,1166.150,TOP 8"HDPE
71,3660573.182,4964158.183,1166.274,TOP 8"HDPE
72,3660582.937,4964157.997,1166.331,TOP 8"HDPE
73,3660602.829,4964157.847,1166.818,TOP 8"HDPE
74,3660622.009,4964156.943,1167.960,TOP 5"CLAY
75,3660613.353,4964157.500,1166.924,TOP 8"HDPE
76,3660664.040,4964156.156,1167.514,TOP 8"HDPE
77,3660673.926,4964156.317,1167.678,TOP 8"HDPE
78,3660687.401,4964155.089,1168.229,TOP 5"CLAY
79,3660683.795,4964155.568,1167.571,TOP 8"HDPE
80,3660693.988,4964155.607,1167.674,TOP 8"HDPE
81,3660705.025,4964154.841,1168.423,TOP 5"CLAY
82,3660704.275,4964155.557,1167.783,TOP 8"HDPE
83,3660713.569,4964154.184,1168.666,TOP 5" T WEST
84,3660714.568,4964154.234,1168.510,TOP 5" T EAST INTK
85,3660713.465,4964115.555,1170.841,RIM BEEHIVE
86,3660713.196,4964153.141,1169.457,GRAV@CONC COLLAR
87,3660713.528,4964155.626,1168.115,8X8X8 T WEST
88,3660715.502,4964155.752,1167.879,8X8X8 T EAST
89,3660726.354,4964155.308,1167.909,TOP 8"HDPE
90,3660732.967,4964153.835,1168.645,TOP 5"CLAY
91,3660716.669,4964169.155,1168.700,TOP 5"CLAY TO EAST
92,3660747.473,4964154.383,1168.152,TOP 8"HDPE
93,3660762.682,4964152.941,1168.669,TOP 5"CLAY
94,3660716.690,4964167.713,1169.441,FL DITCH@8"HICKINTK
95,3660756.026,4964154.095,1168.184,TOP 8"HDPE
96,3660779.550,4964152.488,1168.656,TOP 5"CLAY
97,3660776.199,4964153.880,1168.229,TOP 8"HDPE
98,3660786.529,4964153.384,1168.347,TOP 8"HDPE

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99,3660796.866,4964153.135,1168.454, TOP 8"HDPE
100,3660805.865,4964151.639,1168.842, TOP 5"CLAY
101,3660844.656,4964150.942,1169.004, TOP 5"CLAY
102,3660826.747,4964152.414,1168.736, TOP 8"HDPE
103,3660836.975,4964152.086,1168.682, TOP 8"HDPE
104,3661027.241,4964576.664,1167.358, FL STEEL INTK
105,3660882.256,4964149.887,1169.239, TOP 5"CLAY
106,3660867.667,4964151.490,1168.929, TOP 8"HDPE
107,3660895.324,4964149.387,1169.283, TOP 5"CLAY
108,3660877.518,4964151.428,1169.075, TOP 8"HDPE
109,3661022.766,4964106.710,1174.696, PK IN CMP
110,3660906.360,4964148.844,1169.385, TOP 5"CLAY
111,3660897.877,4964150.313,1169.096, TOP 8"HDPE
112,3660914.181,4964148.629,1169.347, TOP 5"CLAY
113,3660922.454,4964148.309,1169.406, TOP 5"CLAY
114,3660907.309,4964150.265,1169.241, TOP 8"HDPE
115,3660919.427,4964145.248,1176.123, GRAV FO LOCATE
116,3660917.589,4964150.219,1169.331, TOP 8"HDPE
117,3660930.417,4964148.071,1169.421, TOP 5"CLAY
118,3660962.194,4964147.611,1169.526, TOP 5"CLAY
119,3660947.922,4964148.755,1169.609, TOP 8"HDPE
120,3660957.956,4964148.522,1169.680, TOP 8"HDPE
121,3660968.052,4964148.256,1169.778, TOP 8"HDPE
122,3660992.422,4964146.488,1169.703, TOP 5"CLAY
123,3660978.103,4964148.095,1169.781, TOP 8"HDPE
124,3660992.122,4964146.114,1169.717, CLAY-HDPE JOINT
125,3653372.447,4962727.331,1144.755, GS S SIDE BLOWOU
126,3653377.963,4962727.527,1144.669, GS N SIDE BLOWOU
127,3653427.962,4962946.731,1154.313, FNL N-S
128,3653240.983,4962949.420,1146.536, FNL N
129,3653206.715,4962729.630,1148.069, CL 125TH ST
130,3653376.251,4962725.130,1140.177, Tile TOP 6" CONC 0.54'TOPTOFL
131,3653378.090,4962729.138,1140.001, Tile TOP 15" CLAY 1.38.'TOPTOFL
132,3653372.864,4962729.828,1140.057, Tile TOP 15" CLAY 1.36.'TOPTOFL
200,3661072.822,4961943.031,1166.135, GS INTK
201,3661023.165,4961940.232,1166.325, GS INTK
202,3661010.604,4961946.203,1164.486, TOP 8"CONC TILE
203,3661001.608,4961950.378,1164.484, TOP 8"CONC TILE
204,3660987.306,4961959.223,1164.456, TOP 8"CONC TILE
8022,3666160.310,4968629.670,1166.150, GPS 8022
8022_GNSS,3666160.310,4968629.670,1166.150, Autonomous Setup
8023,3651643.392,4969838.856,1101.611, GPS 8023



Drainage Work Order Request For Repair

Hardin County

Date: 7/13/2021

Work Order #: WO00000315

Drainage District: DDs\DD 88 Lat 1 (51115)

Sec-Twp-Rge: 06-86-20 **Qtr Sec:** NE

Location/GIS: 86-20-06-200-004

Requested By: Robert Winter

Contact Phone: (641) 640-5653

Contact Email: _____

Landowner (if different): _____

Description: DD 88 Lat 1 - Landowner Robert Winter reports blowout on DD tile at SW edge of yard going into treeline/field in parcel 862006200004. Blowout is N of outlet structure. Req. inv./repair. Can drive in gate, pls call if cows are in field.

Repair labor, materials and equipment: _____

Repaired By: _____ **Date:** _____

Please reference work order # and send statement for services to:

Hardin County Auditor's Office
 Attn: Drainage Clerk
 1215 Edgington Ave, Suite 1
 Eldora, IA 50627
 Phone (641) 939-8111
 Fax (641) 939-8245

For Office Use Only

Approved: _____ **Date:** _____

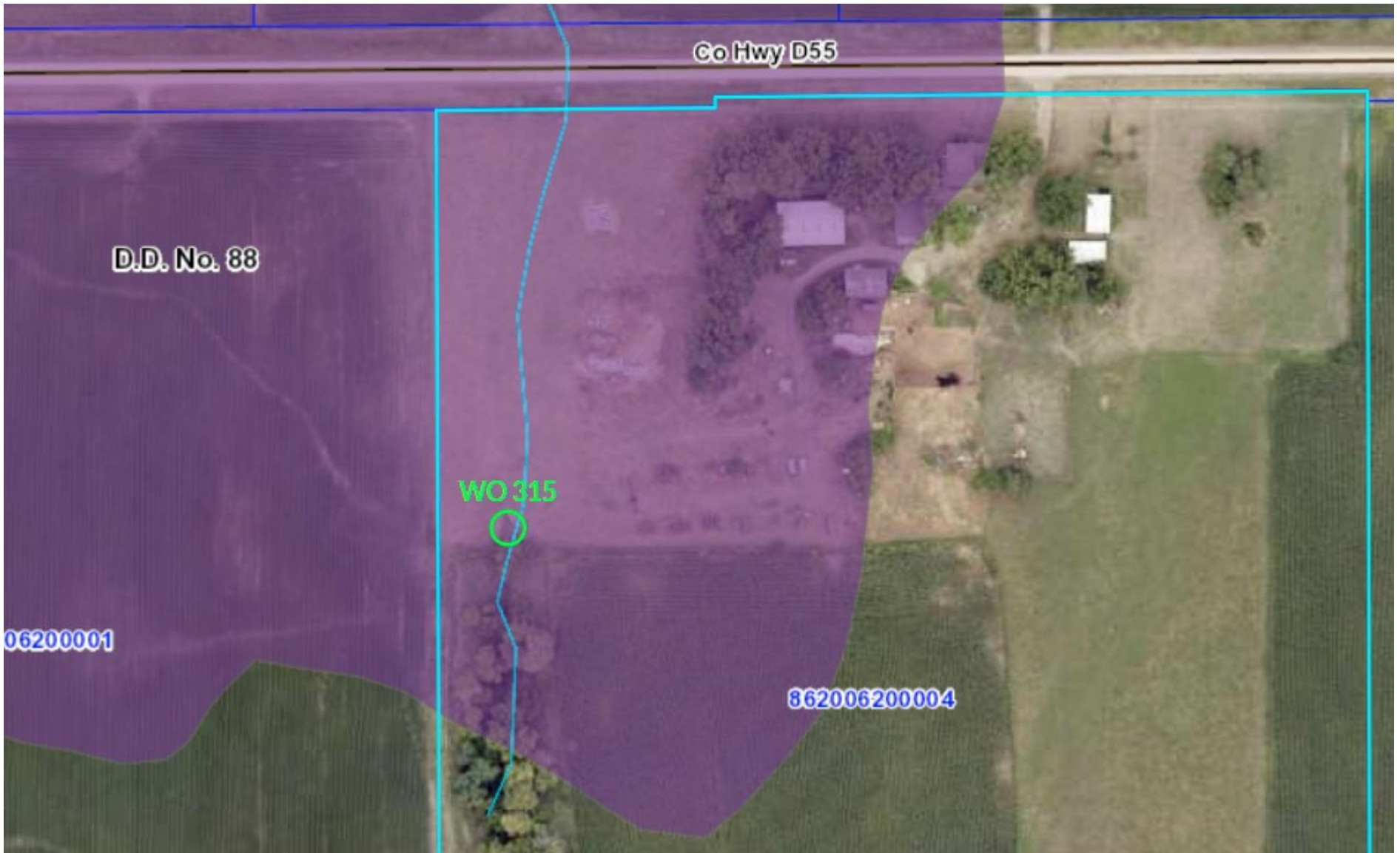
Co Hwy D55

D.D. No. 88

WO 315

06200001

862006200004





WO 315



862006200004