

Drainage District:

#14 Main and Lateral 2

Investigation/Repair Summary:

- Landowners and tenants in the NE¼ of Section 34 and NW¼ of Section 35, Township 88 North, Range 22 West reported restricted drainage at intersection of County Highways D41 and S27 along the assumed Main and Lateral 2 tile routes.
- Visual observation found all intakes on assumed Main tile and Lateral 2 tile routes in all 4 quadrants of the intersection to have standing water, but intakes on assumed Main tile route downstream of the road intersection appeared to be dry and functioning.

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

None recorded as only visual observation was done.

Additional Actions Recommended:

Something at the road intersection is restricting drainage in at least the Main tile and possibly the Lateral 2 tile also. However, it is not clear how many restrictions there are or what constitutes those restrictions without excavation. It is recommended that excavations at the road intersection be performed using available contractors from the lottery system. It should also be noted that this area has had several utilities (i.e. rural water and others) installed in recent years which may or may not be contributing to the restricted drainage.





Drainage Work Order Request For Repair

Hardin County

Date: 4/15/2020

Work Order #: WO00000291

Drainage District: DDs\DD 14 (51027)

Sec-Twp-Rge: 34-88-22 **Qtr Sec:** E1/2 NE NE

Location/GIS: 88-22-34-200-003

Requested By: James Sweeney/Cynthia loger/Jim & Ron Vierkandt

Contact Phone: (641) 847-3273

Contact Email: jsweeney@cgaconsultants.com

Landowner (if different): Ron/Jim Vierkandt/Cynthia loger

Description: DD 14- Sweeney reports plugged main tile in Jim & Ron's parcels, Sheldahl called in to pothole/explore tile on S side of D41, likely main tile. Intake further E of D41 & S27 intersection where tile goes under road needs repair. See Add'l Req in docs- lack of drg downstream of intersection of Lat 2/main tile. Last 3 years, Lat 2 has lacked enough drg to effectively farm area it should drain. Potholes dug by landowners in Sects 34/35 do not drain. Also, broken intake @ Lat 2 intersection w D41 in Sect. 35.

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:** _____



Drainage Work Order Request For Repair

Hardin County

Date 4/20/2020

Work Order # _____

District # #14

Lateral Lat 2 & Main

Fund # _____

Township _____

Section 27, 34, 35 ^{wp} 88

Rge 22 Qtr Sec _____

Repair Requested By Cynthia Ioerger, Ronald Vierkandt, James Vierkandt

Address 15898 Co Hwy D41 Phone _____

Landowner Same

Address Same Phone _____

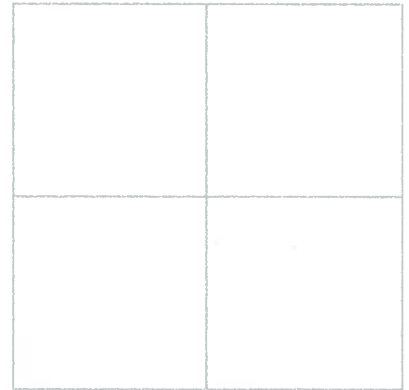
Request Taken By _____

Available for Repair Now? Yes

Date Available _____

Problem Description **There is a lack of drainage somewhere downstream of the intersection of Lateral 2 and the main tile. Last three or so years the Lateral 2 tile has lacked enough drainage effectively farm the area it is supposed to drain. Pot-holes were dug by the landowners in sections 34 and 35, and water just sits in said holes without draining.**

Also, there is a broken intake where Lateral 2 intersects D41 in section 35



Repair labor, materials and equipment _____

Potential Wetlands? Yes-Repair existing tile only

No-Repair and maintain tile

Repaired By: _____

Date: _____

Please send statement for services to:

Phone (641) 939-8111
Fax (641) 939-8245

Hardin County Auditor's Office
Attn: Tina Schlemme
1215 Edgington Ave, Suite 1
Eldora, IA 50627

For Office Use Only

Approved: _____

Date: _____

882227300002

882227400001

882227400002

882226300001

D.D. No. 14

D.D. No. 123
(D.D. 26)

882227300004

882227400003

D.D. No. 26

882227400004

8822263000

8822263000

Co Hwy S27

Co Hwy D41

882234100002

882234200001

882234200002 882234200003

882235100001

882234100004

882234200004

882234200006

882235100003

LAT 3

MAIN

LAT 1

LAT 2

MAIN

MAIN



















CONSTRUCTION ENGINEERING
OBSERVATION REPORT

DATE:

4/29/20

DAYS OF WEEK:

S M T W T F S

SHEET NO.

1 OF 1

PROJECT NUMBER:

6844.5 WO 291

COUNTY, ROUTE, ROAD:

DD 14 MAIN + LAT 2

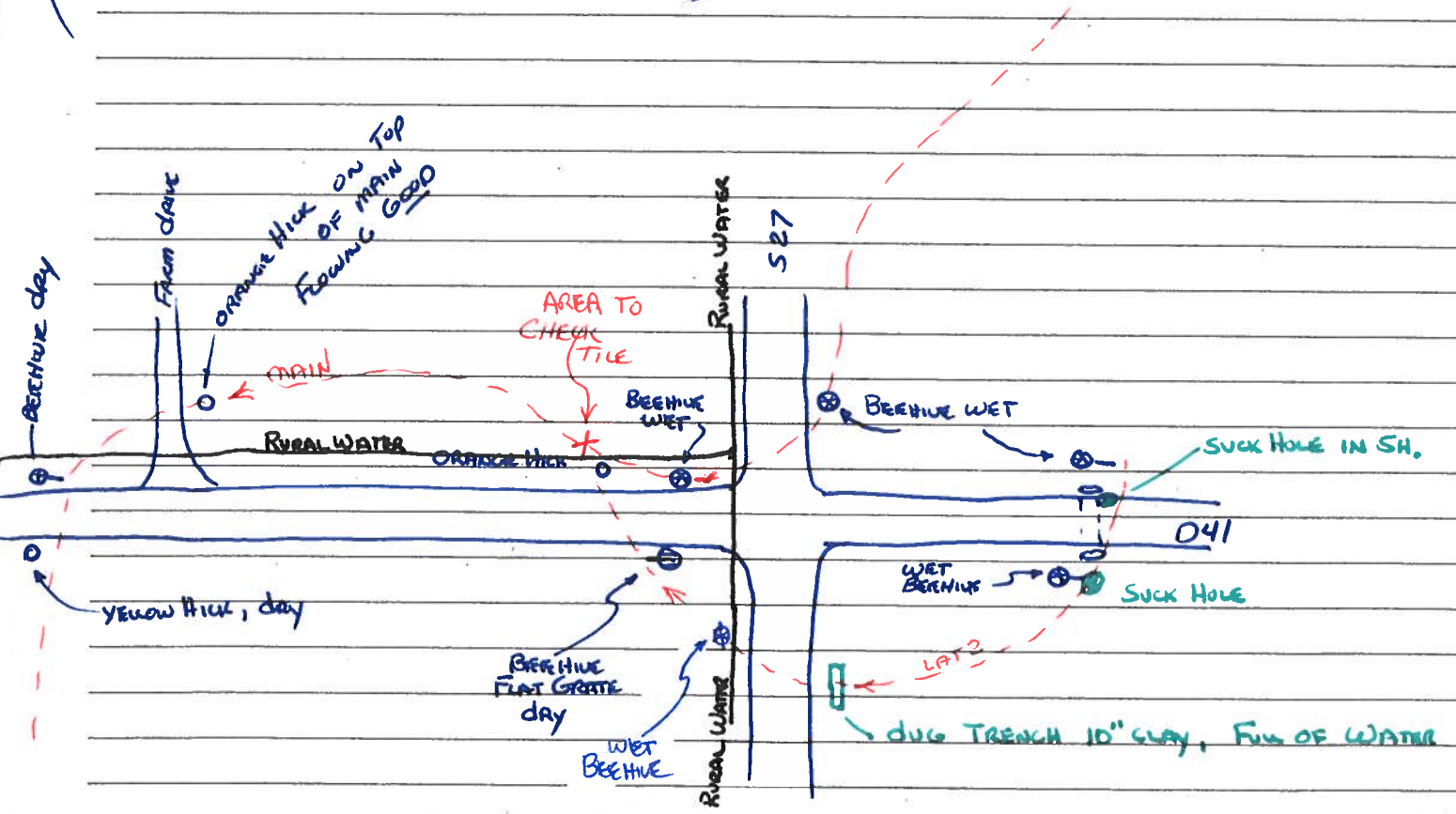
LOCATION:

S27 AND D41 INTERSECTION

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

LAT 2 HAS RESTRICTION @ D41 (N. OR S. SIDE?). NEED TO DIG ON NORTH SIDE 1ST, TRY AND FIND LAT 2 CONNECTION TO MAIN. INTAKES ON MAIN @ FARM DRIVE LOOK GOOD WITH FLOWING WATER IN MAIN

TALKED TO RON VIKRAMA (80 YRS OLD) HE AGREED WITH ME THAT THE LAT 2 CONNECTION SHOULD BE CHECKED, BUT HE HAD NO IDEA WHERE IT WAS AT.



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

Observer's Signature:

[Handwritten Signature]

Date Prepared:

4/29/20

Reviewed by:

Engineer

Date Reviewed

LOOKING WEST OVER S27 ON LATZ



LOOKING E. @ 10" CLAY ON LAT 2, E. OF S27



TRENCH ON LAT 2, E SIDE S27



LOOKING EAST @ BEEHIVE WITH HOLE ON LAT2, S. SIDE D41 BY CRP



S. SIDE D41 , HOLE ON LAT 2 , LOOKING N.



LOOKING WEST ON S. DITCH D41



SURF. DRAIN RCP WITH SUCK HOLE OVER TOP RCP AND LAT 2



LOOKING S. ON LAT 2 ROUTE, FLAG ON SIXK HOLE ON N.S.H. D41



INTAKE ON N. SIDE D41 ON LAT 2, FULL OF WATER



LOOKING E @ S27, BEEHIVE IN N DITCH D41



LOOKING UPSIDEAM ON MAIN, S. OF D41, TRST SET ON MAIN BY REPAIR



Looking W. on N R/W D41, Just W. of S27



ORANGE HICK ON LAT 2? ON N DITCH D41



Dry INTAKE ON LAT 2 , S. ditch 041 (inv. of S27)



LAT 2, WRET BEEHIVE, W. SIDE S27

