



HARDIN COUNTY
Board of Supervisors

February 24, 2023

NOTICE: Public meetings will be held in-person. The meetings will also be livestreamed for viewing only, as possible. To view meetings remotely, please use the Zoom information listed below.

1. 9:00 A.M. Call To Order, EOC Training Room

Online: [HTTPS://US02WEB.ZOOM.US/J/88530378243](https://us02web.zoom.us/j/88530378243)

By Phone: 1-312-626-6799

Meeting ID: 885 3037 8243

2. Pledge Of Allegiance
3. Approval Of Agenda
4. Approval Of Minutes – 02/20/23

Documents:

[02-20-23 MINUTES .PDF](#)

5. Approval Of Claims For Payment – 02/27/23

Documents:

[UT-23-005 AUREON NETWORK SERVICES.PDF](#)

6. Consideration To Approve Aureon Network Services Utility Permit UT-23-005

Documents:

[UT-23-005 AUREON NETWORK SERVICES.PDF](#)

7. Consideration Of The Naming Of A Previously Unnamed Creek

Documents:

[IA_HIGHLANDCREEK.PDF](#)

[IA_HIGHLANDCREEK MAP.PDF](#)

8. Consideration To Approve Condemnation Board Appointees

9. Change Of Status
10. Other Business
11. Public Comments
12. Adjournment/Recess
13. 9:30 A.M. Drainage, EOC Training Room

Online: <HTTPS://US02WEB.ZOOM.US/J/82075672007>

By Phone: 1-312-626-6799

Meeting ID: 820 7567 2007

14. FRIDAY, MARCH 3, 2023

11:00 A.M. Closed Session Exchange of Initial Proposals with AFSCME
Pursuant to Iowa Code 20.17(3), Courthouse, Small Conference
Room

HARDIN COUNTY BOARD OF SUPERVISORS
MINUTES – FEBRUARY 20, 2023
MONDAY – 9:00 A.M.
EOC TRAINING ROOM

The Hardin County Board of Supervisors held their regular meeting at 9:00 AM on February 20, 2023, at the EOC Training Room in Eldora, Iowa. Board members in attendance were Lance Granzow, Renee McClellan, and BJ Hoffman. Also in attendance: Taylor Roll, Dave McDaniel, Michael Pearce, Jolene Pieters, and Rebekah Cullinan. Attending via Zoom: Lori Kadner, Jessica Sheridan, Thomas Craighton, Deb Crosser, Rocky Reents, Elaine Loring, Donna Juber, and Julie Duhn.

McClellan moved and Hoffman seconded to approve the agenda. Motion passed.

Hoffman moved and McClellan seconded to approve the minutes of February 13, 2022. Motion passed.

McClellan moved and Hoffman seconded the motion to approve the claims for payment for February 20, 2023. Motion passed.

McClellan moved and Hoffman seconded the motion to approve Utility Permit UT-23-003 from Grundy Center REC. Motion passed.

Hoffman moved and McClellan seconded the motion to approve Utility Permit UT-23-004 from Interstate Power and Light. Motion passed.

Hoffman moved and McClellan seconded the motion to approve Hardin County as Fiscal Agent for the Hardin County Endowment Grant Application for Community Economic Development. Motion passed.

McClellan moved and Hoffman seconded the motion to approve the IDED/County Volunteer Grant Contract. Motion passed.

Hoffman moved and McClellan seconded the motion to approve the acknowledgement of the Conservation Board Resolution 2023.2.13. Motion passed.

McClellan moved and Hoffman seconded the motion to approve the receipt of the Conservation Annual Report for 2022. Motion passed.

Hoffman moved and McClellan seconded the motion to approve the change of status in the Auditor's office for the resignation of Michelle Witt. Motion passed.

Hoffman moved and McClellan seconded the motion to approve the change of status in Secondary Roads Department for the resignation of David Rieck. Motion passed.

Hoffman moved and McClellan seconded the motion to approve the change of status in the Sheriff Department for the promotion to full-time of Dale Johnson. Motion passed.

Hoffman moved and McClellan seconded the motion to approve the change of status in the Sheriff Department for the promotion to full-time of Cheyanne Neeley. Motion passed.

Public Comments: Robert Nazario

McClellan moved and Hoffman seconded the motion to adjourn. The meeting was adjourned at 9:26 a.m.

HARDIN COUNTY UTILITY PERMIT APPLICATION



Updated:
12/27/2022

Office Use Only

Utility Permit #

UT-23-005

- | | |
|---|---|
| <input checked="" type="checkbox"/> Underground | <input type="checkbox"/> Aerial |
| <input type="checkbox"/> Permanent Installation | <input type="checkbox"/> Temporary Installation |
| <input type="checkbox"/> Public Utility | <input type="checkbox"/> Private Utility (\$10,000 Application Fee) |

This is a Utility Permit Application for telecommunications, electric, gas, water and sewer utilities and other infrastructure. The applicant agrees to comply with the following permit requirements. Compliance shall be determined by the sole discretion of the County Engineer as deemed necessary to promote public health, safety, and general welfare. These requirements shall apply unless waived in writing by the County Engineer prior to installation.

Applicant Name Aureon Network Services

Address 7760 Office Plaza Dr South

City West Des Moines State IA Zip 50266

Email jeff.klocko@aureon.com

Contact Person Jeff Klocko Phone 515-830-0445

Location & Description of Work From the intersection of Hwy 57 and Uu Avenue south on
Uu Avenue to 110th Street then east to the US Cell tower entrance west of IAIS Railroad

Work must be commenced within 120 calendar days of date of issuance of the permit. If construction has not commenced within the 120 calendar days, the permit is no longer valid and must be resubmitted.

1. LOCATION PLAN

An applicant shall file a completed location plan as an attachment to this Utility Permit Application. The location plan shall set forth the location of the proposed utilities lines and other infrastructure on the secondary road system and include a description of the proposed installation.

2. WRITTEN NOTICE

At least five (5) working days prior to the proposed installation, an applicant shall file with the County Engineer a written notice stating the time, date, location, and nature of the proposed installation.

3. INSPECTION

The County Engineer may provide a full-time inspector during the installation of all utilities lines and other infrastructure to ensure compliance with this permit. The inspector shall have the right, during reasonable hours and after showing proper identification, to enter any installation site in the discharge of the inspector's official duties, and to make any inspection or test that is reasonably necessary to protect the public health, safety, and welfare.

4. INSPECTION FEES

The applicant shall pay actual costs directly attributable to the installation inspection conducted by the County Engineer. Within thirty (30) days after completion of the installation, the County Engineer shall submit a statement for inspection services rendered. The applicant agrees to reimburse the county within thirty (30) days of billing.

5. REQUIREMENTS

The installation inspector shall assure that the following requirements have been met:

- A. Construction signing shall comply with the Manual on Uniform Traffic Control Devices
- B. Depth (Add additional depth if ditch has silted to the thickness of the deposited silt.) The minimum depth of cover shall be as follows:

Telecommunications.....	36"	Electric.....	48"
Gas.....	48"	Water.....	60"
Sewer.....	60"		
- C. The minimum height requirements for utilities lines and other infrastructure crossing above the roadway shall be twenty-two (22) feet at the highest point in the roadway. All other overhead wires shall comply with the applicable National Safety Code for vertical clearances.
- D. The applicant shall use reference markers in the right-of-way (ROW) boundary to locate utilities lines and other infrastructure and changes in alignment as required by the County Engineer. A permanent warning tape shall be placed one (1) foot above all underground utilities lines and other infrastructure.
- E. All tile line locations shall be marked with references located in the ROW line.
- F. No underground utilities lines and other infrastructure shall cross over a crossroad drainage structure without approval from the County Engineer.
- G. Residents along the project route shall have uninterrupted access to the public roads. An all weather access shall be maintained for residents adjacent to the project.
- H. After construction, granular surfacing shall be added to the road by the applicant to restore the road to its original condition. After surfacing has been applied, the road surface shall be reviewed by the County Engineer once the road has been saturated, to determine if additional surfacing on the roadway by the applicant is necessary.
- I. All damaged areas within the ROW shall be repaired and restored to at least its former condition by the applicant or the cost of any repair work caused to be performed by the county will be assessed against the applicant.
- J. Areas disturbed during construction which present an erosion problem shall be solved by the applicant in a manner approved by the County Engineer.
- K. All trenches, excavations, and other areas that are knifed shall be properly tamped.
- L. All utilities lines and other infrastructure shall be located between the bottom of the backslope and the road shoulder, unless otherwise approved by the County Engineer prior to installation.
- M. Road crossing shall be bored. The depth below the road surface shall match the minimum depth of cover for the respective utilities line and other infrastructure.

6. NON-CONFORMING WORK

The County Engineer may halt the installation at any time if the applicant's work does not meet the requirements set forth in this Utility Permit Application.

7. COUNTY INFRACTION

Violation of this permit is a county infraction under Iowa Code Section 331.307, punishable by a civil penalty of \$100 for each violation. Each day that a violation occurs or is permitted to exist by the applicant constitutes a separate offense.

8. HOLD HARMLESS

The applicant shall save this county harmless of any damages resulting from the applicant's operations. A copy of a certificate of insurance naming this county as an additional insured for the permit work shall be filed in the County Engineer's Office prior to installation. The minimum limits of liability under the insurance policy shall be \$1,000,000.

9. PERMIT REQUIRED

No applicant shall install any utilities lines and other infrastructure unless such applicant has obtained a Utility Permit from the County Engineer and has agreed in writing that said installation will comply with all ordinances and requirements of the county for such work. Applicants agree to hold the county free from liability for all damage to applicant's property which occurs proximately as a result of the applicant's failure to comply with said ordinances or requirements.

10. RELOCATION

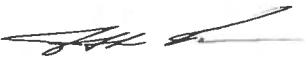
The applicant shall, at any time subsequent to installation of utilities lines and other infrastructure, at the applicant's own expense, relocate or remove such utilities lines and other infrastructure as may become necessary to conform to new grades, alignment, or widening of ROW resulting from maintenance or construction operations for highway improvements.

11. APPLICATION FEE

An application fee in the amount of \$10,000 is due at the time of filing the application. This fee shall apply to infrastructure entering or crossing, whether upon, beneath, or suspended above, any county property or right-of-way. The fee shall not apply to public utilities as defined by Iowa Code 476.1(3) (2022); and shall not apply to infrastructure that is owned by adjacent landowners. The term "landowner" shall not include lienholders, tenants, easement holder, person or agents with power-of-attorney.

By signing below, the applicant agrees to having read the requirements of said permit.


Date: 2/24/2023 Representing: Aureon Network Services (INS)



Applicant Signature

RECOMMENDED FOR APPROVAL:

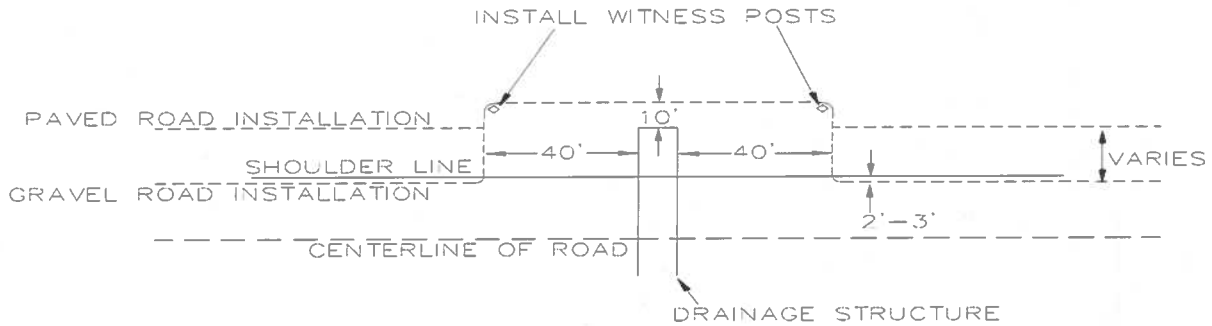
Date: 2-24-23


COUNTY ENGINEER

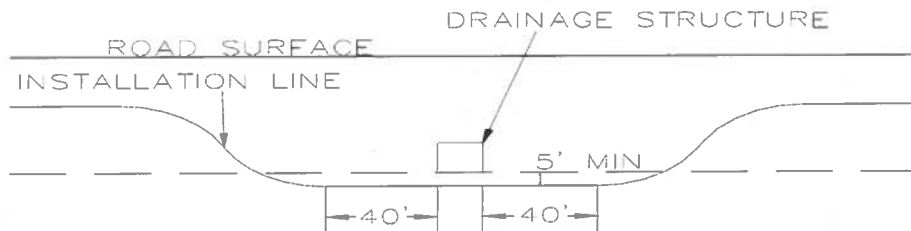
APPROVAL:

Date: _____ CHAIR, BOARD OF SUPERVISORS

NON-BORED INSTALLATION DETAIL



BORED INSTALLATION DETAIL



AUREON NETWORK SERVICES

ACKLEY, HARDIN CO, IOWA

NOTES

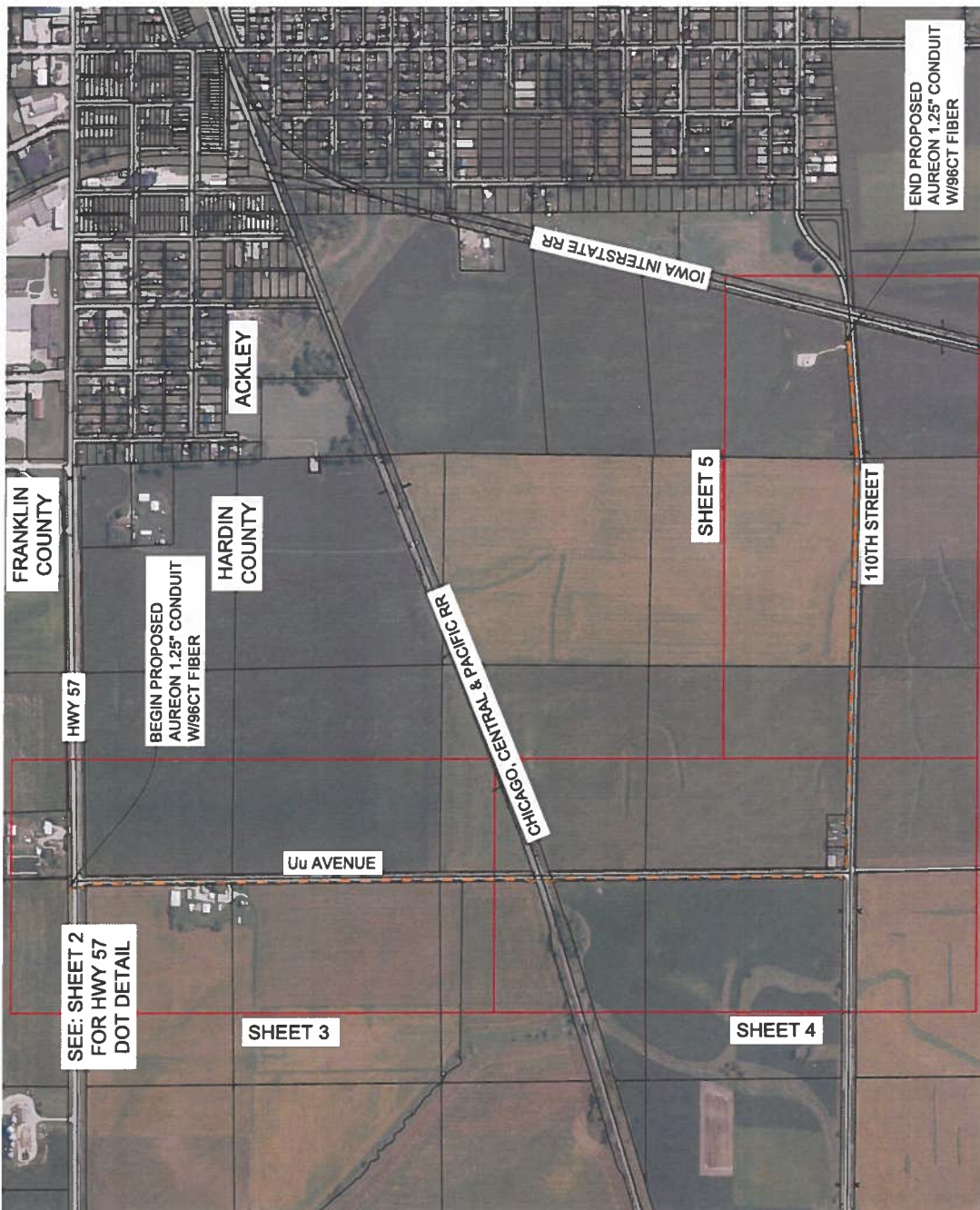
1. 1.25" HDPE CONDUIT W/96CT FIBER INSTALLED @ 36" MINIMUM DEPTH. ALL ROADS, PAVED DRIVEWAYS AND SIDEWALKS WILL BE BORED @ 60" MINIMUM DEPTH. ALL CULVERT CROSSING WILL BE BORED 60" BELOW FLOWLINE UNLESS OTHERWISE STATED WITHIN HARDIN COUNTY ROAD RIGHT-OF-WAY.
2. DISTANCES SHOWN ARE APPROXIMATE ONLY. CONTRACTOR WILL FIELD VERIFY CONDITIONS AND MATERIALS NEEDED PRIOR TO CONSTRUCTION.
3. ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS INCLUDING BUT NOT LIMITED TO CLOSURE PERMITS. ALL PERMITS SHALL BE OBTAINED PRIOR TO CONSTRUCTION.
4. THERE ARE NO LANE CLOSURES OR TRAFFIC DISRUPTIONS ANTICIPATED WITH THIS PROJECT.
5. IOWA ONE CALL DESIGN TICKET # 552300320-321 WAS SUBMITTED FOR UTILITY INFORMATION.

UTILITY WARNING

ANY UTILITIES SHOWN HAVE BEEN LOCATED FROM MAPS AND RECORDS OBTAINED BY THIS SURVEYOR. THE SURVEYOR MAKES NO GUARANTEE THAT THE UTILITIES SHOWN COMPRISE ALL THE UTILITIES IN THE AREA EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UTILITIES SHOWN ARE IN THE EXACT LOCATION SHOWN.

PROPOSED:

- 8391'-1.25" HDPE CONDUIT
- W/96CT FIBER OPTIC
- 2 NEW HAND-HOLES



LEGEND

TELEPHONE PEDESTAL	POWER POLE
WATER VALVE	TELEVISION PEDESTAL
FIRE HYDRANT	SANITARY SEWER MANHOLE
UNDERGROUND CONDUIT	STORM SEWER MANHOLE
CABLE TELEVISION LINE	ROUND STORM SEWER INTAKE
FIBER OPTICS LINE	STORM SEWER INTAKE
WATERMAIN	UNDERGROUND CONDUIT
STORM SEWER	HANDHOLE
SANITARY SEWER	FIBER OPTIC VAULT
GAS LINE	FIBER OPTIC MANHOLE
ELECTRIC LINE	
OVERHEAD ELECTRIC LINE	

AUREON PROJECT #2301.038

PROJECT NO. HARDIN CO, IOWA Sheet 1 of 9

REVISION	DATE	NAME	SCALE

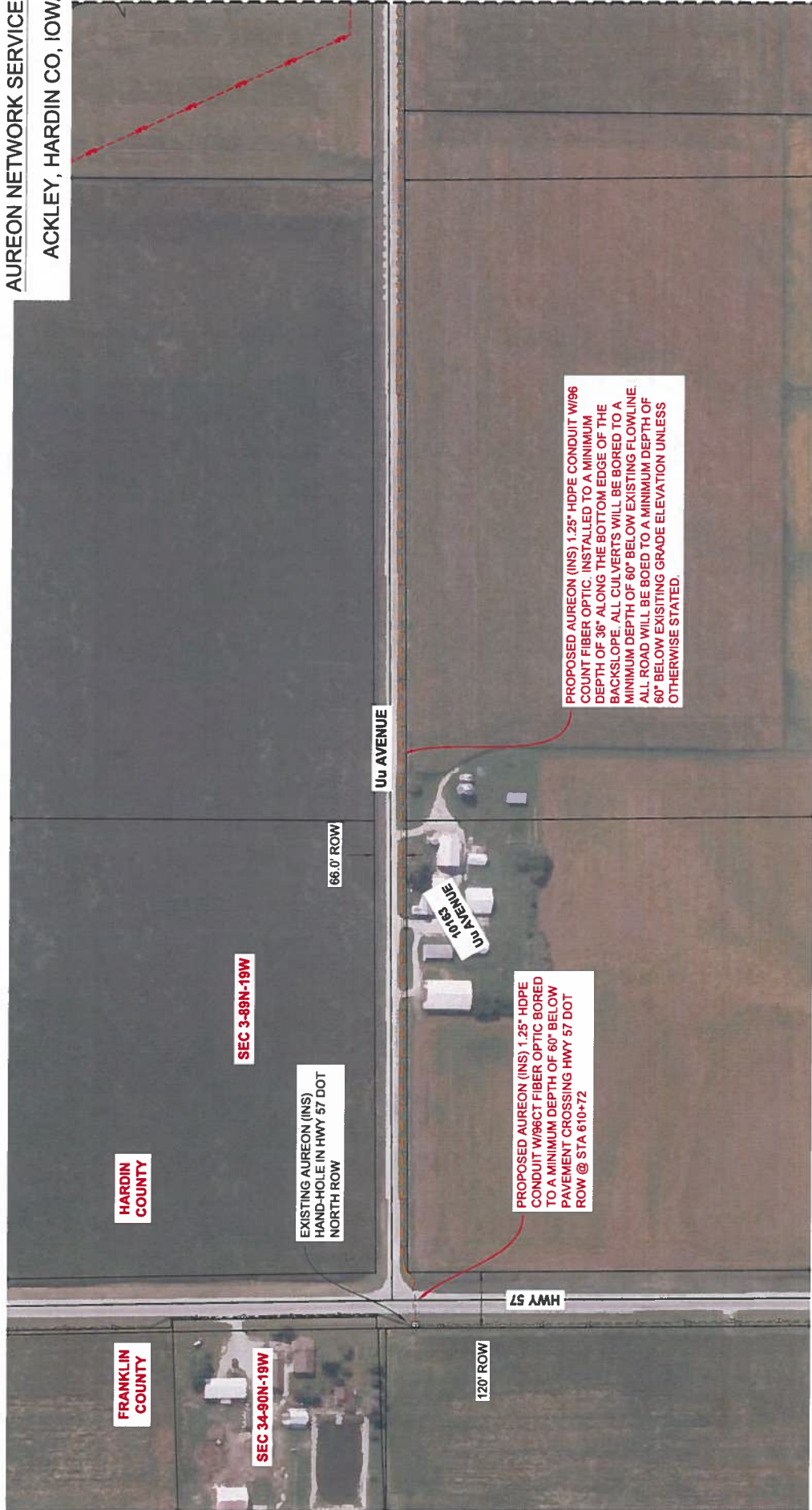
DATE: 2/24/2023

ESTIMATED PLOWING	ESTIMATED BORES	BACKHOE WORK	TRENCHING	MISC.	NOTES

AUREON NETWORK SERVICES

ACKLEY, HARDIN CO, IOWA

SEE: SHEET 4



SEC 3-89N-19W

EXISTING AUREON (INS) HAND-HOLE IN HWY 57 DOT NORTH ROW

HARDIN COUNTY

SEC 34-90N-19W

FRANKLIN COUNTY

120' ROW

66.0' ROW

Uu AVENUE

Uu AVENUE

HWY 57

PROPOSED AUREON (INS) 1.25" HDPE CONDUIT W/96CT FIBER OPTIC BORED TO A MINIMUM DEPTH OF 60" BELOW PAVEMENT CROSSING HWY 57 DOT ROW @ STA 610+72

PROPOSED AUREON (INS) 1.25" HDPE CONDUIT W/96 COUNT FIBER OPTIC. INSTALLED TO A MINIMUM DEPTH OF 36" ALONG THE BOTTOM EDGE OF THE BACKSLOPE. ALL CULVERTS WILL BE BORED TO A MINIMUM DEPTH OF 60" BELOW EXISTING FLOWLINE. ALL ROAD WILL BE BORED TO A MINIMUM DEPTH OF 60" BELOW EXISTING GRADE ELEVATION UNLESS OTHERWISE STATED.

ESTIMATED PLOWING	ESTIMATED BORES	BACKHOE WORK	TRENCHING	MISC.	NOTES



PROJECT#2301 038
PROJECT NO.
HARDIN CO, IOWA Sheet 3 of 9
SCALE:

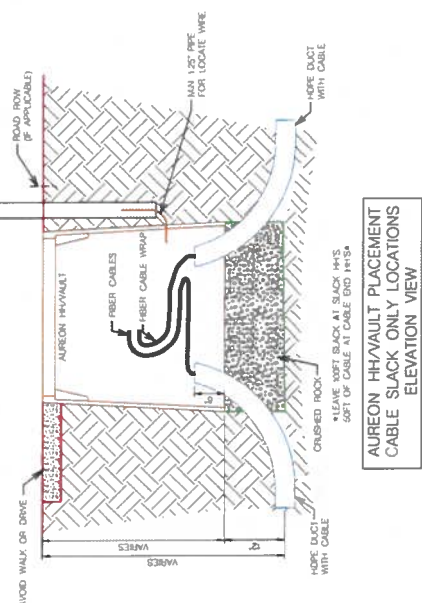
NO.	REVISION	DATE	NAME

DATE: 2/24/2023



AUREON NETWORK SERVICES HANDHOLE DETAIL

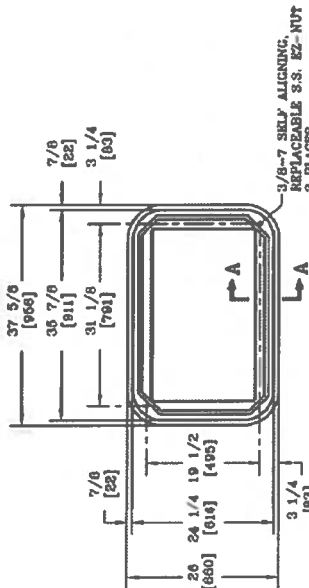
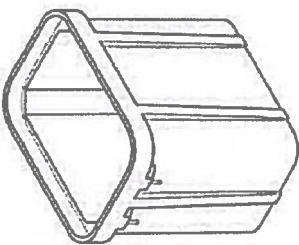
COINED MARKERS (NO WIRE REQUIRED AT THE TIME OF VAULT INSTALLATION)
(USED FOR RURAL INSTALLATIONS)



AUREON HH/VAULT PLACEMENT
CABLE SLACK ONLY LOCATIONS
ELEVATION VIEW



AUREON HANDHOLE INSTALLATION



AUREON QUAZITE 24X36X36 DETAIL

ESTIMATED PLOWING	ESTIMATED BORES	BACKHOLE WORK	TRENCHING	MISC.	NOTES

AUREON

PROJECT NO. _____

Sheet

DESIGN	DATE	NAME	SCALE:

DATE _____

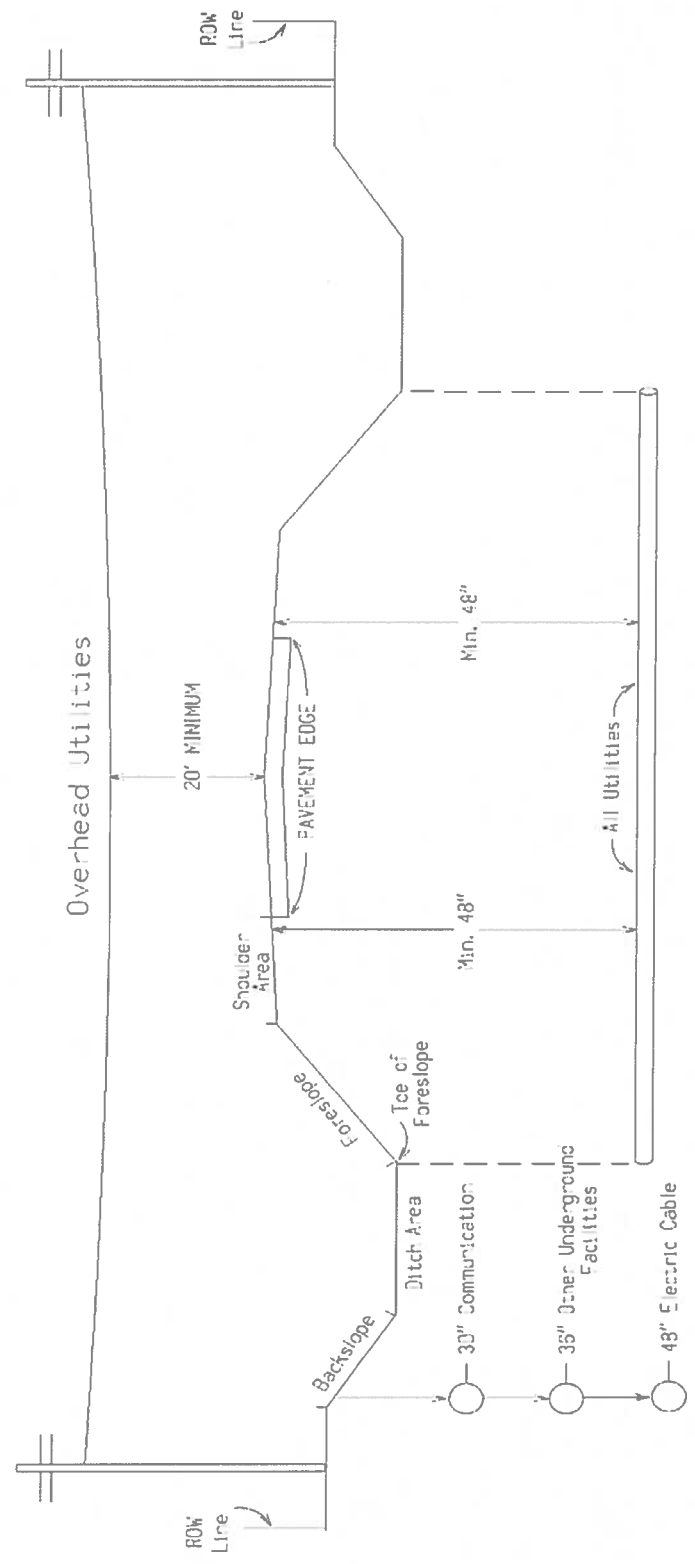
Acceptable Clear-zone Distances (feet).

design speed	design ADT	FORESLOPES			BACKSLOPES		
		6:1 or flatter	Steeper than 6:1, up to and including 4:1	Steeper than 4:1	Steeper than 4:1*	4:1 or flatter, up to 6:1	6:1 or flatter
40 mph or less	ADT < 750	7	7	**	7	7	7
	750 ≤ ADT < 1500	10	12	**	10	10	10
	1500 ≤ ADT < 6000	12	14	**	12	12	12
	ADT ≥ 6000	14	16	**	14	14	14
45 – 50 mph	ADT < 750	10	12	**	8	8	10
	750 ≤ ADT < 1500	14	16	**	10	12	14
	1500 ≤ ADT < 6000	16	20	**	12	14	16
	ADT ≥ 6000	20	24	**	14	18	20
55 mph	ADT < 750	12	14	**	8	10	10
	750 ≤ ADT < 1500	16	20	**	10	14	16
	1500 ≤ ADT < 6000	20	24	**	14	16	20
	ADT ≥ 6000	22	26	**	16	20	22
60 mph	ADT < 750	16	20	**	10	12	14
	750 ≤ ADT < 1500	20	26	**	12	16	20
	1500 ≤ ADT < 6000	26	30	**	14	18	24
	ADT ≥ 6000	30	30	**	20	24	26
65 – 70 mph	ADT < 750	18	20	**	10	14	14
	750 ≤ ADT < 1500	24	28	**	12	18	20
	1500 ≤ ADT < 6000	28	30	**	16	22	26
	ADT ≥ 6000	30	30	**	22	26	28

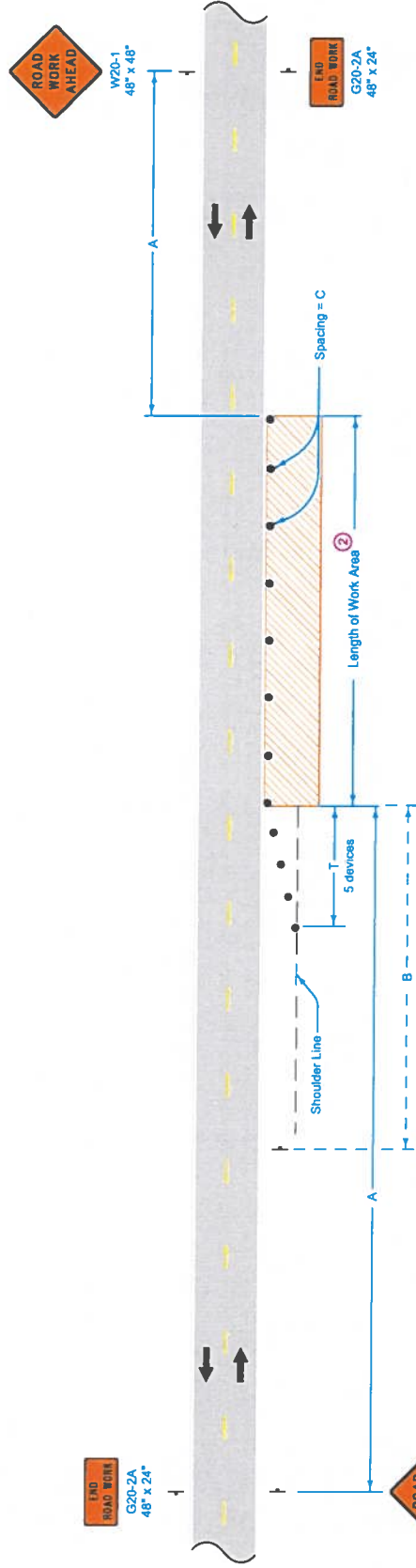
* Backslopes as steep as 2.5:1 can be considered as part of the clear zone, as long as they are relatively smooth and do not contain any fixed objects. Refer to Section 8A-4 of the Design Manual for information regarding backslopes steeper than 2.5:1.

** Since a vehicle traveling on a slope steeper than 4:1 is likely to be diverted to the bottom of the slope, the width of any slope steeper than 4:1 cannot be counted in the clear zone determination. Refer to Section 8A-2 of the Design Manual for information on providing clear recovery areas at the base of steep slopes.

Minimum Policy Requirements Rural Section Non-Freeway Highway



Notes:
 Utilities shall be located between the toe of foreslope and the highway row line.
 Utilities should be located as near to the highway row line as practical.
 See Utility Policy, Section 115.13 for further details.



LEGEND

- T Traffic Sign
- 42" Channelizer
- Work Area
- Direction of Traffic

SPEED LIMIT (mph)	A	B	C	T
35 or less	500'	250'	40'	100'
40 - 45	700'	350'	80'	200'
50 or greater	1000'	500'	100'	200'

When a pavement edge drop-off exists, install a SHOULDER DROP-OFF sign.

No pavement edge drop-offs greater than pavement depth will be allowed during non-working hours.

Shoulder edge drop-offs shall be mitigated according to Article 1107.08.L2 of the Standard Specifications.

For work lasting less than one hour, refer to TC-1.

① When the length of a pavement edge drop-off is 1000 feet or less, the temporary fill requirement of Article 1107.06 of the Standard Specifications does not apply. Reduce channelizer spacing to 40 feet.

② For work areas less than 200 feet long, use channelizers spaced at 20 foot centers or use a vehicle with an amber revolving light or amber strobe light.

Possible Contract Item:
Traffic Control

IOWA DOT REVISION 8 04-21-15
STANDARD ROAD PLAN TC-202 SHEET 1 of 1
 REVISIONS: Modified general notes, changed life and replaced the DOT logo in the life block with the new version.
 APPROVED BY: *[Signature]* GENERAL SUPERVISOR
WORK WITHIN 15 FT OF TRAVELED WAY

HARDIN COUNTY UTILITY PERMIT APPLICATION



Updated:
12/27/2022

Office Use Only

Utility Permit #

UT-23-005

- | | |
|---|---|
| <input checked="" type="checkbox"/> Underground | <input type="checkbox"/> Aerial |
| <input type="checkbox"/> Permanent Installation | <input type="checkbox"/> Temporary Installation |
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Email jeff.klocko@aureon.com

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10. RELOCATION

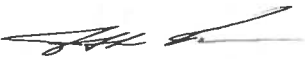
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Date: 2/24/2023 Representing: Aureon Network Services (INS)



Applicant Signature

RECOMMENDED FOR APPROVAL:

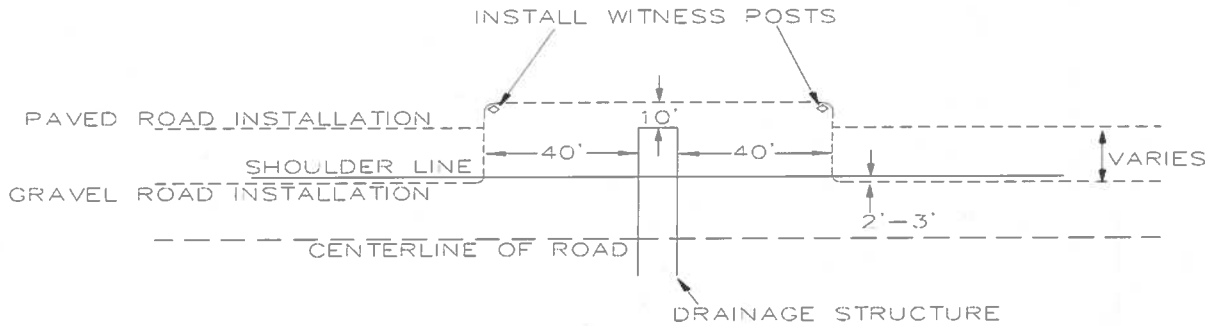
Date: 2-24-23


COUNTY ENGINEER

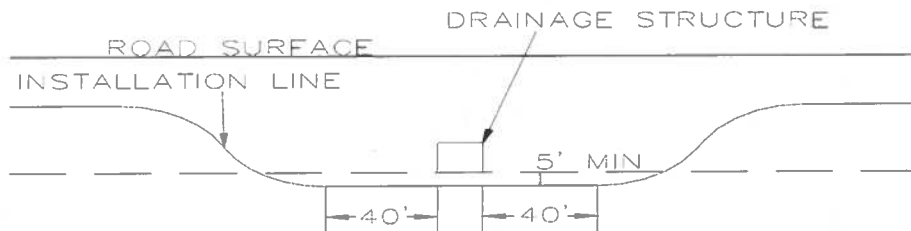
APPROVAL:

Date: _____ CHAIR, BOARD OF SUPERVISORS

NON-BORED INSTALLATION DETAIL



BORED INSTALLATION DETAIL



AUREON NETWORK SERVICES

ACKLEY, HARDIN CO, IOWA

NOTES

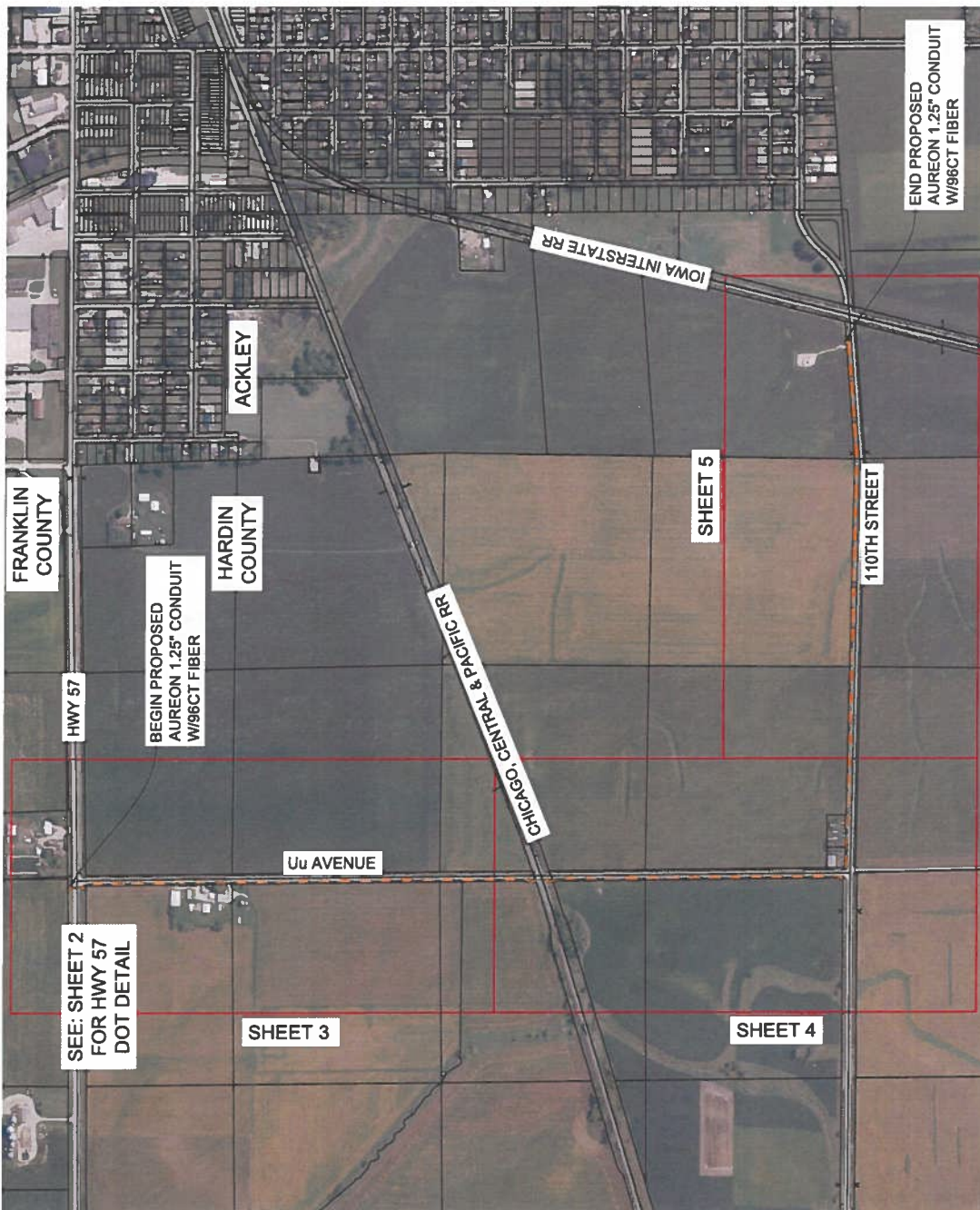
1. 1.25" HDPE CONDUIT W/96CT FIBER INSTALLED @ 36" MINIMUM DEPTH. ALL ROADS, PAVED DRIVEWAYS AND SIDEWALKS WILL BE BORED @ 60" MINIMUM DEPTH. ALL CULVERT CROSSING WILL BE BORED 60" BELOW FLOWLINE UNLESS OTHERWISE STATED WITHIN HARDIN COUNTY ROAD RIGHT-OF-WAY.
2. DISTANCES SHOWN ARE APPROXIMATE ONLY. CONTRACTOR WILL FIELD VERIFY CONDITIONS AND MATERIALS NEEDED PRIOR TO CONSTRUCTION.
3. ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS INCLUDING BUT NOT LIMITED TO CLOSURE PERMITS. ALL PERMITS SHALL BE OBTAINED PRIOR TO CONSTRUCTION.
4. THERE ARE NO LANE CLOSURES OR TRAFFIC DISRUPTIONS ANTICIPATED WITH THIS PROJECT.
5. IOWA ONE CALL DESIGN TICKET # 552300320-321 WAS SUBMITTED FOR UTILITY INFORMATION.

UTILITY WARNING

ANY UTILITIES SHOWN HAVE BEEN LOCATED FROM MAPS AND RECORDS OBTAINED BY THIS SURVEYOR. THE SURVEYOR MAKES NO GUARANTEE THAT THE UTILITIES SHOWN COMPRISE ALL UTILITIES IN THE AREA EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UTILITIES SHOWN ARE IN THE EXACT LOCATION SHOWN.

PROPOSED:

- 8391'-1.25" HDPE CONDUIT
- W/96CT FIBER OPTIC
- 2 NEW HAND-HOLES



LEGEND

TELEPHONE PEDESTAL	POWER POLE
WATER VALVE	TELEVISION PEDESTAL
FIRE HYDRANT	SANITARY SEWER MANHOLE
UNDERGROUND CONDUIT	STORM SEWER MANHOLE
CABLE TELEVISION LINE	ROUND STORM SEWER INTAKE
FIBER OPTICS LINE	STORM SEWER INTAKE
WATERMAIN	UNDERGROUND CONDUIT
STORM SEWER	HANDHOLE
SANITARY SEWER	FIBER OPTIC VAULT
GAS LINE	FIBER OPTIC MANHOLE
ELECTRIC LINE	
OVERHEAD ELECTRIC LINE	

AUREON PROJECT #2301.038

PROJECT NO. HARDIN CO, IOWA Sheet 1 of 9

REVISION	DATE	NAME	SCALE

DATE: 2/24/2023

ESTIMATED PLOWING	ESTIMATED BORES	BACKHOE WORK	TRENCHING	MISC.	NOTES

AUREON PROJECT#2001038

PROJECT NO. _____
 HARDIN CO, IOWA Sheet 2 of 9

NO.	REVISION	DATE	NAME	SCALE

DATE 2/24/2023

Sec. 34

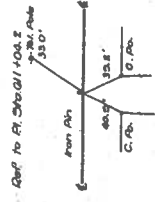
SARAH BLAKE

MEADOW

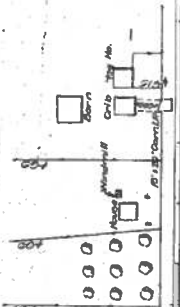
Removal of
TYPE P

SCALE
0 50 100 200'

FRANKLIN COUNTY
 OSCEOLA TWP
 T. 50 N. R. 15 W.



EXISTING AUREON (INS) HAND-HOLE IN HWY 57 DOT NORTH ROW



CULTIVATED
 DYER ESTATE

Sec. 3

HARDIN COUNTY
 ETWA TWP
 T. 55 N. R. 15 W.

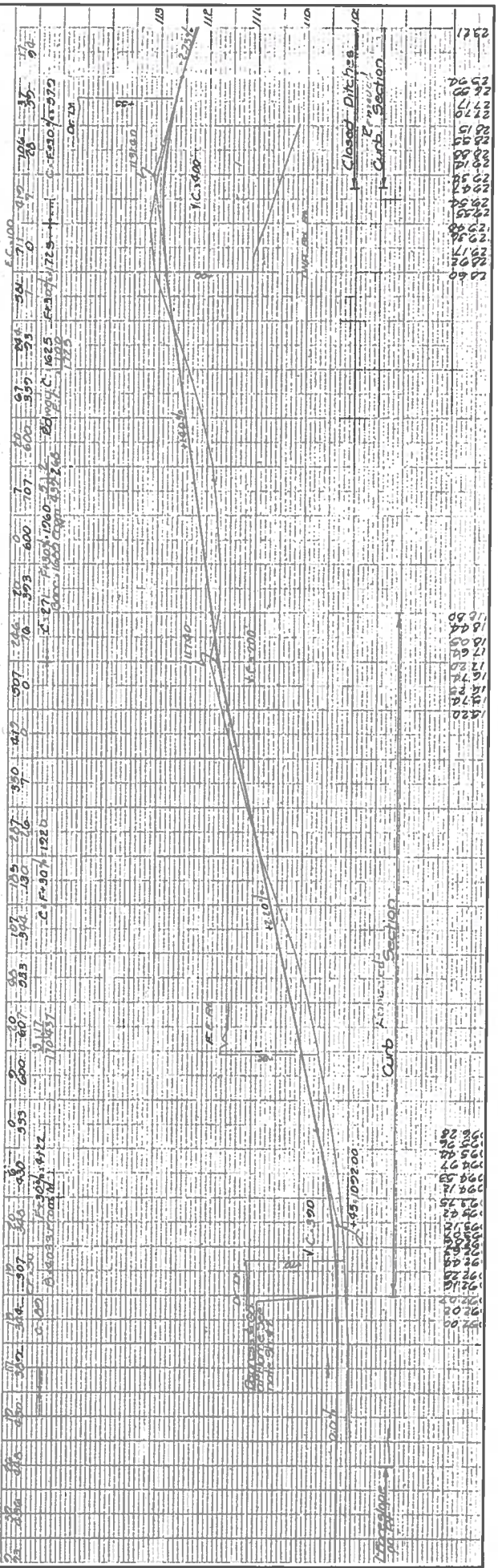
516 600+00
 12' x 12' x 2.5'
 CONC. BOX
 U.A.C.

PROPOSED AUREON (INS) 1.25" HDPE CONDUIT W/96CT FIBER OPTIC BORED TO A MINIMUM DEPTH OF 60" BELOW PAVEMENT CROSSING HWY 57 DOT ROW @ STA 610+72

CULTIVATED
 PROPOSED AUREON (INS) 1.25" HDPE CONDUIT W/96CT FIBER OPTIC EXISTING HWY 57 DOT ROW @ STA 610+80 60' RT

PROPOSED BORE PIT OUTSIDE DOT ROW
 BENCH MARK No. 35 66'

willow stump, 31' Lt. - E1.1055.00

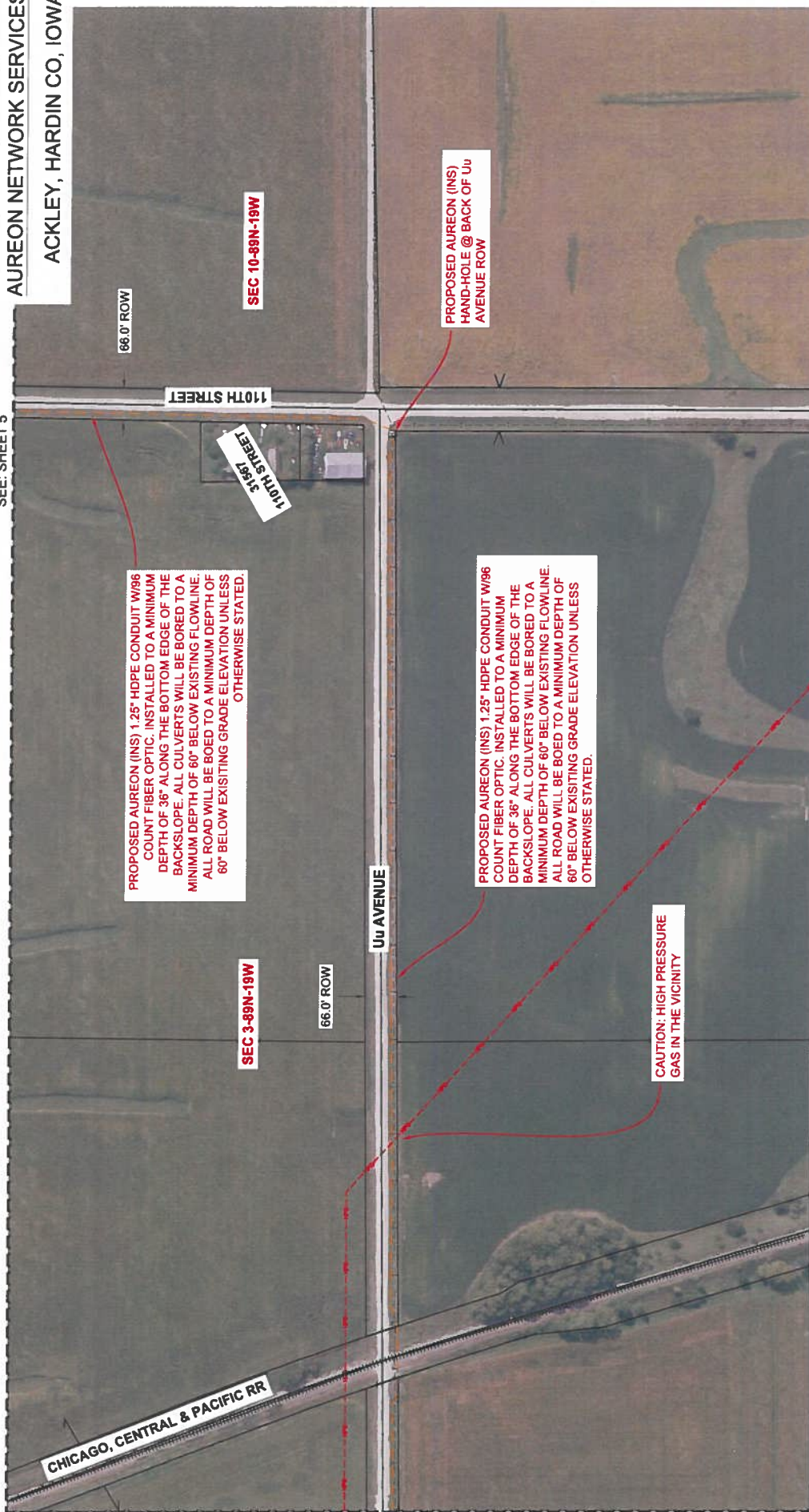


15.80
 15.72
 15.74
 15.72
 15.80
 16.74
 17.80
 18.00
 18.44
 18.80

15.80
 15.72
 15.74
 15.72
 15.80
 16.74
 17.80
 18.00
 18.44
 18.80

AUREON NETWORK SERVICES
ACKLEY, HARDIN CO, IOWA

SEE: SHEET 5



PROPOSED AUREON (INS) 1.25" HDPE CONDUIT W/96
COUNT FIBER OPTIC. INSTALLED TO A MINIMUM
DEPTH OF 36" ALONG THE BOTTOM EDGE OF THE
BACKSLOPE. ALL CULVERTS WILL BE BORED TO A
MINIMUM DEPTH OF 60" BELOW EXISTING FLOWLINE.
ALL ROAD WILL BE BORED TO A MINIMUM DEPTH OF
60" BELOW EXISTING GRADE ELEVATION UNLESS
OTHERWISE STATED.

PROPOSED AUREON (INS) 1.25" HDPE CONDUIT W/96
COUNT FIBER OPTIC. INSTALLED TO A MINIMUM
DEPTH OF 36" ALONG THE BOTTOM EDGE OF THE
BACKSLOPE. ALL CULVERTS WILL BE BORED TO A
MINIMUM DEPTH OF 60" BELOW EXISTING FLOWLINE.
ALL ROAD WILL BE BORED TO A MINIMUM DEPTH OF
60" BELOW EXISTING GRADE ELEVATION UNLESS
OTHERWISE STATED.

CAUTION: HIGH PRESSURE
GAS IN THE VICINITY

PROPOSED AUREON (INS)
HAND-HOLE @ BACK OF Uu
AVENUE ROW

CHICAGO, CENTRAL & PACIFIC RR

SEE: SHEET 3

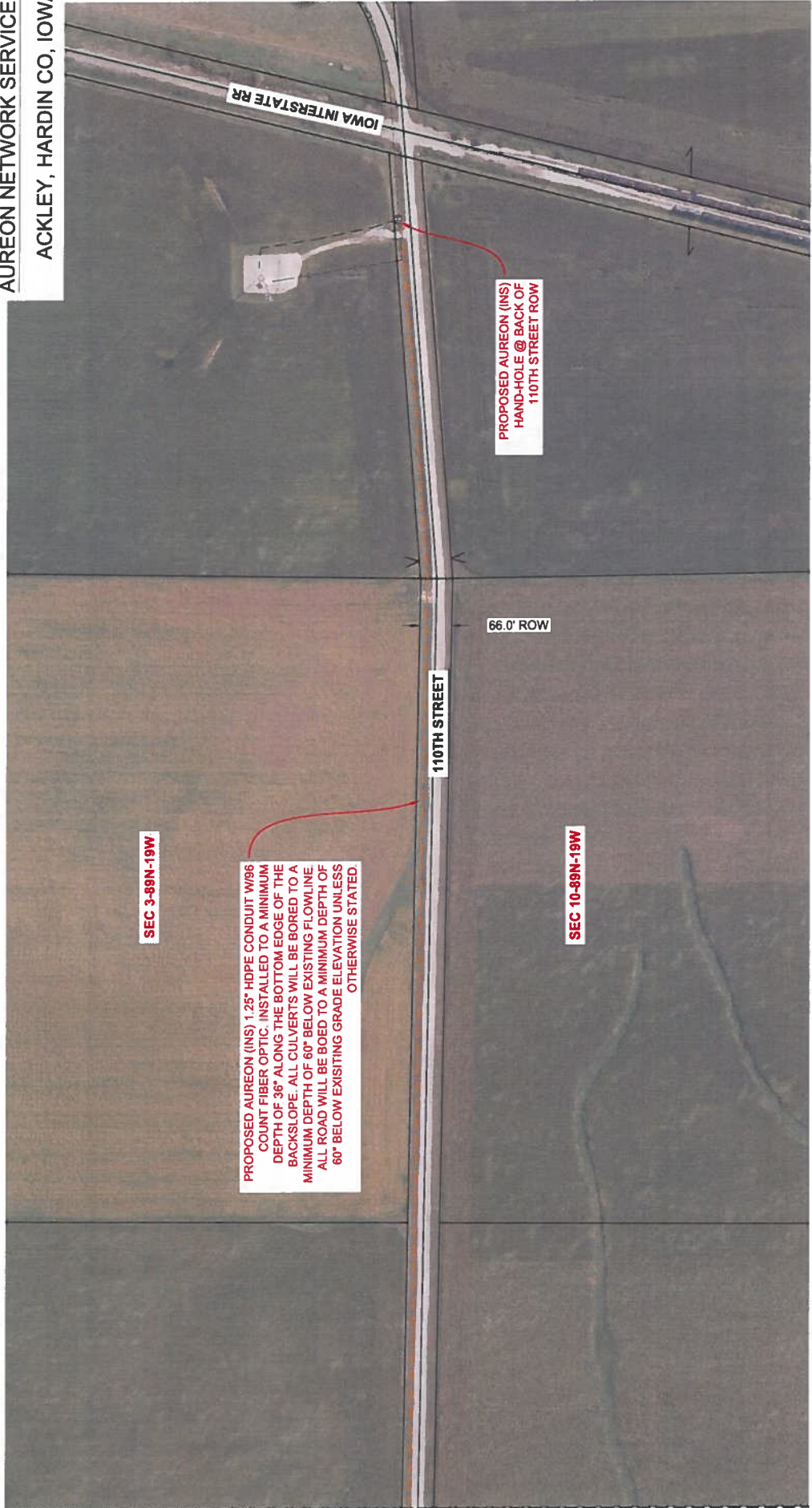
ESTIMATED PLOWING	ESTIMATED BORES	BACKHOE WORK	TRENCHING	MISC.	NOTES

AUREON PROJECT NO. 2391.038
HARDIN CO, IOWA Sheet 4 of 9

REVISION	DATE	NAME	SCALE:

DATE: 2/24/2023

AUREON NETWORK SERVICES
 ACKLEY, HARDIN CO, IOWA



SEC 3-89N-19W

PROPOSED AUREON (INS) 1.25" HDPE CONDUIT W/96
 COUNT FIBER OPTIC. INSTALLED TO A MINIMUM
 DEPTH OF 36" ALONG THE BOTTOM EDGE OF THE
 BACKSLOPE. ALL CULVERTS WILL BE BORED TO A
 MINIMUM DEPTH OF 60" BELOW EXISTING FLOWLINE.
 ALL ROAD WILL BE BOED TO A MINIMUM DEPTH OF
 60" BELOW EXISTING GRADE ELEVATION UNLESS
 OTHERWISE STATED.

PROPOSED AUREON (INS)
 HAND-HOLE @ BACK OF
 110TH STREET ROW

SEC 10-89N-19W

66.0' ROW

110TH STREET

IOWA INTERSTATE RR

SEE: SHEET 4

ESTIMATED PLOWING	ESTIMATED BORES	BACKHOE WORK	TRENCHING	MISC.	NOTES

REVISION	DATE	NAME	SCALE

PROJECT#2301.038		PROJECT NO. HARDIN CO, IOWA Sheet 5 of 9	
DATE: 2/24/2023		SCALE: 	

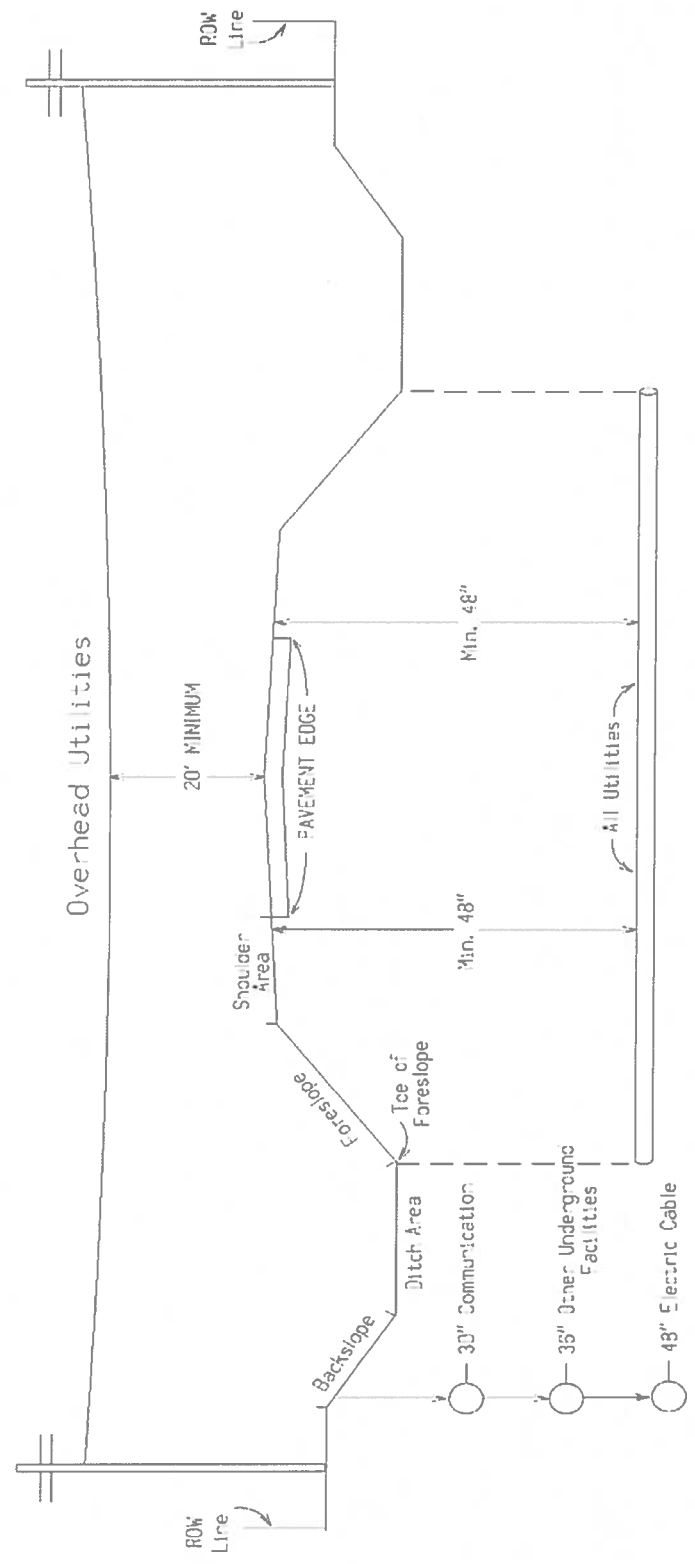
Acceptable Clear-zone Distances (feet).

design speed	design ADT	FORESLOPES			BACKSLOPES		
		6:1 or flatter	Steeper than 6:1, up to and including 4:1	Steeper than 4:1	Steeper than 4:1*	4:1 or flatter, up to 6:1	6:1 or flatter
40 mph or less	ADT < 750	7	7	**	7	7	7
	750 ≤ ADT < 1500	10	12	**	10	10	10
	1500 ≤ ADT < 6000	12	14	**	12	12	12
	ADT ≥ 6000	14	16	**	14	14	14
45 – 50 mph	ADT < 750	10	12	**	8	8	10
	750 ≤ ADT < 1500	14	16	**	10	12	14
	1500 ≤ ADT < 6000	16	20	**	12	14	16
	ADT ≥ 6000	20	24	**	14	18	20
55 mph	ADT < 750	12	14	**	8	10	10
	750 ≤ ADT < 1500	16	20	**	10	14	16
	1500 ≤ ADT < 6000	20	24	**	14	16	20
	ADT ≥ 6000	22	26	**	16	20	22
60 mph	ADT < 750	16	20	**	10	12	14
	750 ≤ ADT < 1500	20	26	**	12	16	20
	1500 ≤ ADT < 6000	26	30	**	14	18	24
	ADT ≥ 6000	30	30	**	20	24	26
65 – 70 mph	ADT < 750	18	20	**	10	14	14
	750 ≤ ADT < 1500	24	28	**	12	18	20
	1500 ≤ ADT < 6000	28	30	**	16	22	26
	ADT ≥ 6000	30	30	**	22	26	28

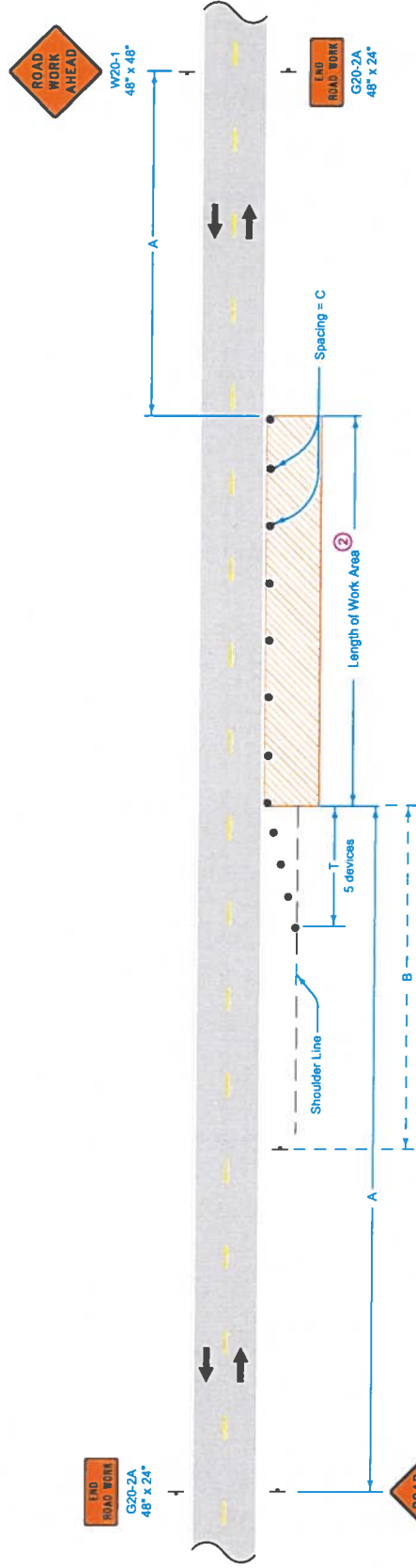
* Backslopes as steep as 2.5:1 can be considered as part of the clear zone, as long as they are relatively smooth and do not contain any fixed objects. Refer to Section 8A-4 of the Design Manual for information regarding backslopes steeper than 2.5:1.

** Since a vehicle traveling on a slope steeper than 4:1 is likely to be diverted to the bottom of the slope, the width of any slope steeper than 4:1 cannot be counted in the clear zone determination. Refer to Section 8A-2 of the Design Manual for information on providing clear recovery areas at the base of steep slopes.

Minimum Policy Requirements Rural Section Non-Freeway Highway



Notes:
 Utilities shall be located between the toe of foreslope and the highway row line.
 Utilities should be located as near to the highway row line as practical.
 See Utility Policy, Section 115.13 for further details.



Possible Contract Item:
Traffic Control

	REVISION	04-21-15
	8	
TC-202 STANDARD ROAD PLAN SHEET 1 of 1		
<small>REVISIONS: Modified general notes, changed life and replaced the DOT logo in the block with the new version.</small>		
<small>APPROVED BY GENERAL SUPERVISOR</small> 		
WORK WITHIN 15 FT OF TRAVELED WAY		

When a pavement edge drop-off exists, install a SHOULDER DROP-OFF sign.

No pavement edge drop-offs greater than pavement depth will be allowed during non-working hours.

Shoulder edge drop-offs shall be mitigated according to Article 1107.08.L2 of the Standard Specifications.

For work lasting less than one hour, refer to TC-1.

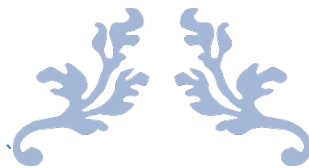
① When the length of a pavement edge drop-off is 1000 feet or less, the temporary fill requirement of Article 1107.06 of the Standard Specifications does not apply. Reduce channelizer spacing to 40 feet.

② For work areas less than 200 feet long, use channelizers spaced at 20 foot centers or use a vehicle with an amber revolving light or amber strobe light.

SPEED LIMIT (mph)	A	B	C	T
35 or less	500'	250'	40'	100'
40 - 45	700'	350'	80'	200'
50 or greater	1000'	500'	100'	200'

LEGEND

- † Traffic Sign
- 42" Channelizer
- ▨ Work Area
- ← Direction of Traffic



THE BOARD ON GEOGRAPHIC NAMES DOMESTIC NAMES COMMITTEE PROPOSAL FORM

This document is for those interested in proposing:

1. **A new name for a currently unnamed geographic feature, or**
2. **A change to an existing name, spelling, or where a name is applied.**

By submitting this form, the proponent acknowledges the [BGN Policies](#) and agrees to work with BGN staff regarding their proposal.



Domestic Geographic Name Proposal Form

The U.S. Board on Geographic Names (BGN) is responsible for standardizing the names of geographic features within the 50 States and in other areas under the sovereignty of the United States. The BGN retains the legal authority to promulgate all official names and locations of natural features (e.g. mountains, rivers, valleys), as well as canals, channels, reservoirs, and other select feature types.

This form is to propose a new name or name, spelling, or application change for a geographic feature for Federal use. A proponent should carefully review the proposal prior to submission to ensure that it is consistent with the [BGN policies](#). Please note all fields with a red outline are required prior to submitting this form.

The proponent should also be aware that the entire proposal—including personal identifying information and any associated correspondence—is in the public domain and may be made publicly available at any time.

Submit Proposal:

1. Email this form and supporting documentation to: BGNESEC@usgs.gov

i. Save PDF as 'ST_GeographicName' for example 'CO_BearCreek'

ii. Email Subject: ST_GeographicName

OR 2. Send by mail to:

U.S. BGN Executive Secretary, Domestic Names
12201 Sunrise Valley Drive, MS-523
Reston, VA 20192

Contact Us:

BGNESEC@usgs.gov

Please note that anything submitted by mail will be delayed.

Naming Basics

Proposed Name:

Is this name in current local use?

Y N

What is the Feature Class?

Is this to change an existing name?

Y N

If yes, please provide the official name and Feature ID as it appears in [the Geographic Names Information System \(GNIS\)](#).

GNIS Name:

Feature ID:

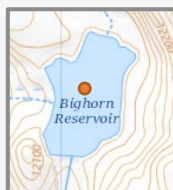
Location Basics



Where is the feature?

Latitude: (38.94741)

Longitude: (-77.36839)



For Linear Features (e.g. stream or valley):

Mouth/Confluence

Latitude: (38.94741)

Longitude: (-77.36839)



Source/Headwater

Latitude: (38.94741)

Longitude: (-77.36839)

General Location:

State:

County:

City/Town/
Township/
Borough:

Public Land Survey System:

Section(s), Township, Range, Meridian

Feature Description

Physical shape, length, width, etc. (Maps can be submitted separately by email)



Name Details

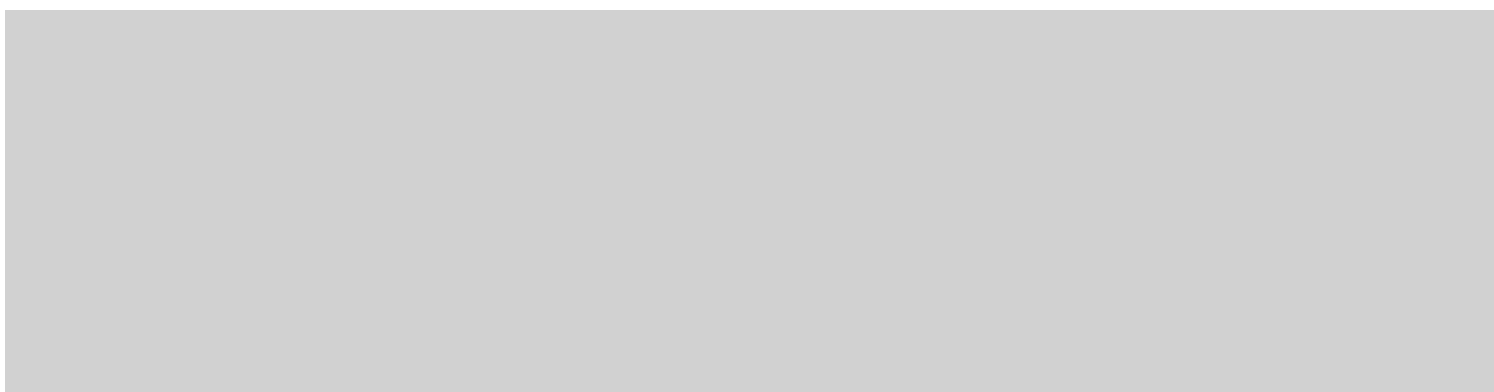
Name information:

Please provide relevant information about the proposed name, such as origin, meaning, how long it has been in current use, as well as current or historical significance. Also include why you believe the feature requires a name or name change and why the proposed name is appropriate. Describe any documents that you will be submitting (separately by email) to support your proposal.



Please provide a list of supporting documentation, including any web links:

Examples: Published sources showing the proposed name or letters of support (local government, historical society, etc.).



Is the name [commemorative](#)? Does the name honor or refer to a person or persons? Y N

Please note that the BGN will only accept proposals for names that are intended to honor a person or persons deceased at least five years. The BGN will disapprove names that could be construed to honor living persons. The person being honored should have had either (1) some direct or long-term association with the feature, or (2) have made a significant contribution to the area, community, or State in which it is located; or (3) have outstanding national or international recognition. The BGN discourages the use of an individual's full name except to avoid ambiguity.

If yes, please provide the following:

Honoree's Date of Birth:

Honoree's Date of Death:

Short biography and significance or association with the geographic feature: *(list any additional honorees here)*



Is the feature in a Wilderness Area or Wilderness Study Area? Y N Unknown

If yes, please provide your justification for making an exception to [the Wilderness Policy](#):

Please note that the BGN will not approve new names for unnamed features within wilderness areas or wilderness study areas, unless an overriding need can be demonstrated by the proponent.

Additional Information


Is there any local opposition or conflict with the proposed name? Y N

If yes, please explain and describe any opposition:

Additional notes:

Proponent Information


Please provide one form of contact (email preferred):

 Proponent's Name:

Agency or Organization, if applicable:

 Email:

 Mailing Address:

 Phone:

 Are you completing this form for someone else? Y N

If yes, please fill out the following:

Completed by:

Full Name:

Email:

Mailing Address:

Phone:

