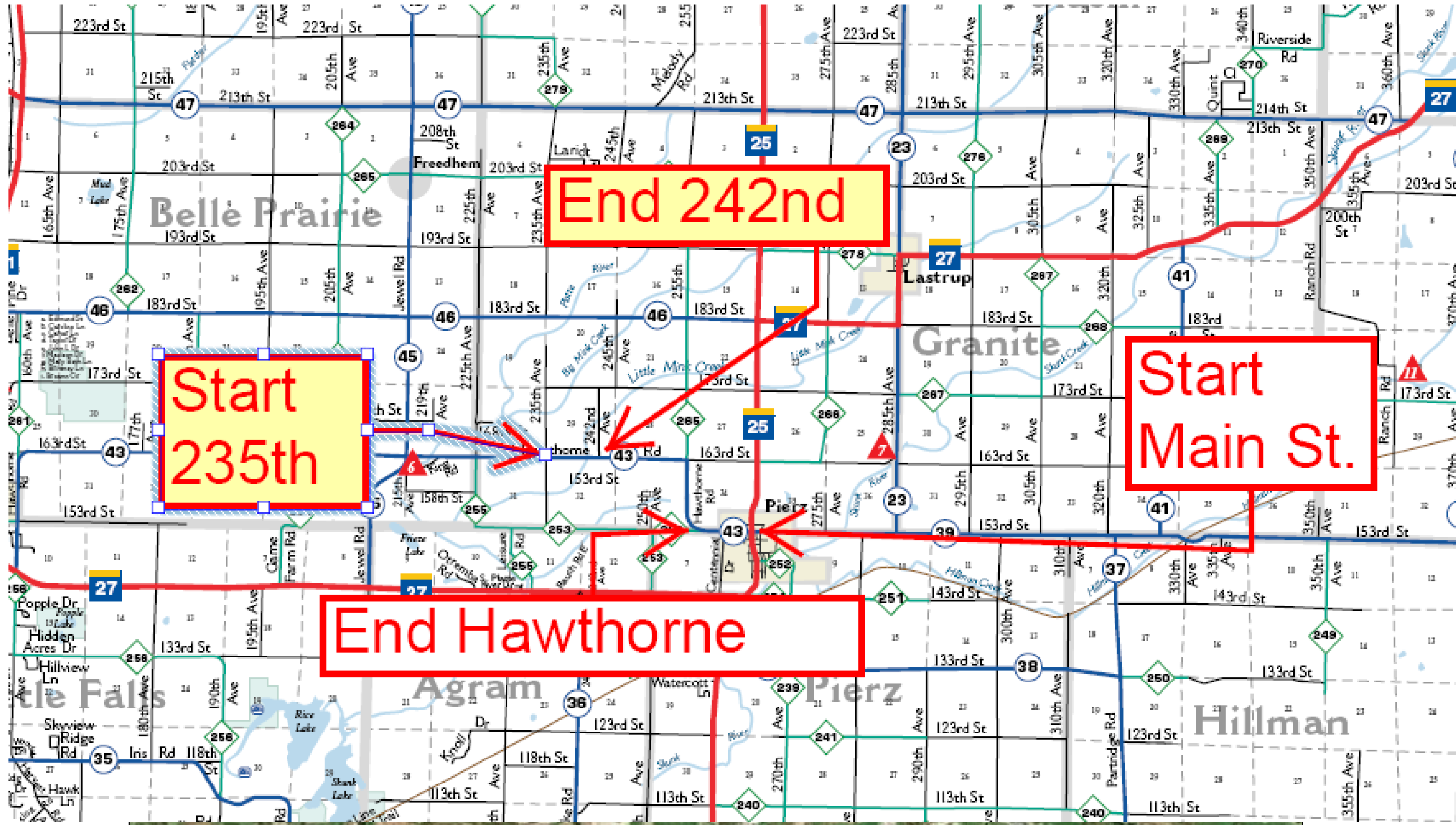


PIERZ NORTH ROUTE



1" = 100'

Route	NORTH
City	Pierz
County	Morrison
Filename	PIERZ NORTH ROUTE
Work Order #	N.152214



TRACKING	
Staked By:	OSP 2/14/17
Drafted By:	MRT 2/27/17
Permit List	

GSOC
GOPHER STATE ONE CALL
1-800-252-1116
www.gopherstateonecall.org

Prepared by:
 compass consultants inc.
Perham, MN 218-346-3600
TrustCompass.com



Overview

Legend












Fiber Linetypes

-  Proposed Underground Fiber - Bore
-  Proposed Underground Fiber - Plow
-  Proposed UG Fiber in Existing Duct











Other Linetypes

-  R/W - Right of Way
-  CL - Center Line

Other Utility Linetypes

-  Storm Sewer
-  Sanitary Sewer
-  Gas Line
-  Tele./Comm. Line
-  Water Line
-  Electric Line
-  Street light/Traffic signal
-  District Cooling
-  District Heating
-  Force Main
-  Other Utility or Unknown

Symbols

-  Proposed Handhole
-  Existing Handhole
-  Proposed Ped
-  Existing Ped
-  Proposed Node
-  Existing Node
-  Culvert
-  Manhole
-  Proposed Splice Point
-  Existing Splice Point

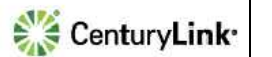
Abbreviations

- CL - Center Line
- R/W - Right of Way
- BOC - Back of Curb
- EOR - Edge of Road
- S/W - Sidewalk
- HH - Handhole
- MH - Manhole
- HDPE - High Density PolyEthylene



1" = 100'

Route	NORTH
City	Pierz
County	Morrison
Filename	PIERZ NORTH ROUTE
Work Order #	N.152214



TRACKING

Staked By:	OSP	2/14/17
Drafted By:	MRT	2/27/17

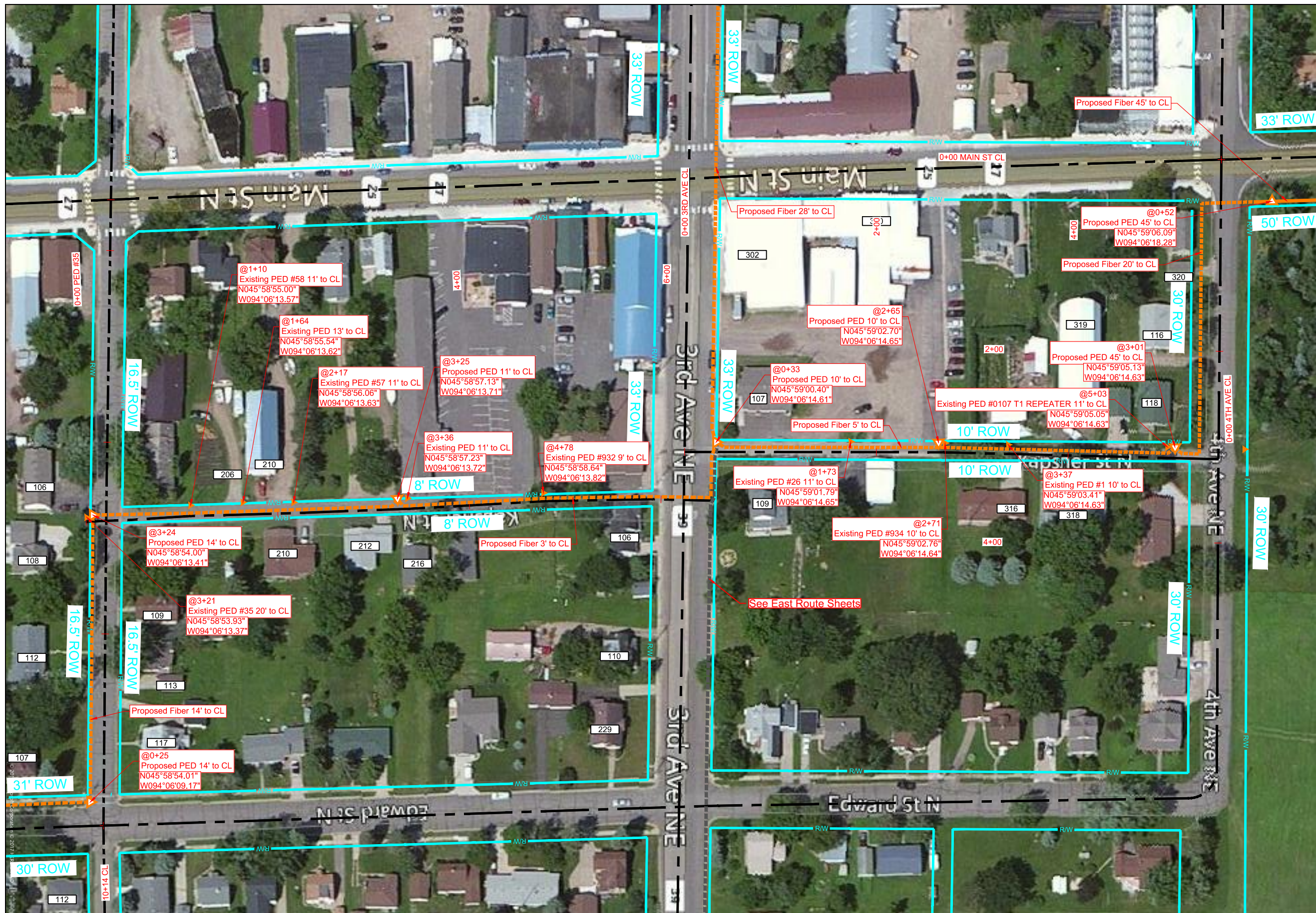
Permit List

GSOC
 GOPHER STATE ONE CALL
 1-800-252-1116
 www.gopherstateonecall.org

Prepared by:
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 Perham, MN 218-346-3600
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Legend

N-2.1W



1" = 100'

Route	NORTH
City	Pierz
County	Morrison
Filename	PIERZ NORTH ROUTE
Work Order #	N.152214



TRACKING

Staked By:	OSP	2/14/17
Drafted By:	MRT	2/27/17

Permit List

MNDOT 25
 MORRISON COUNTY 43
 MORRISON COUNTY 39
 CITY OF PIERZ

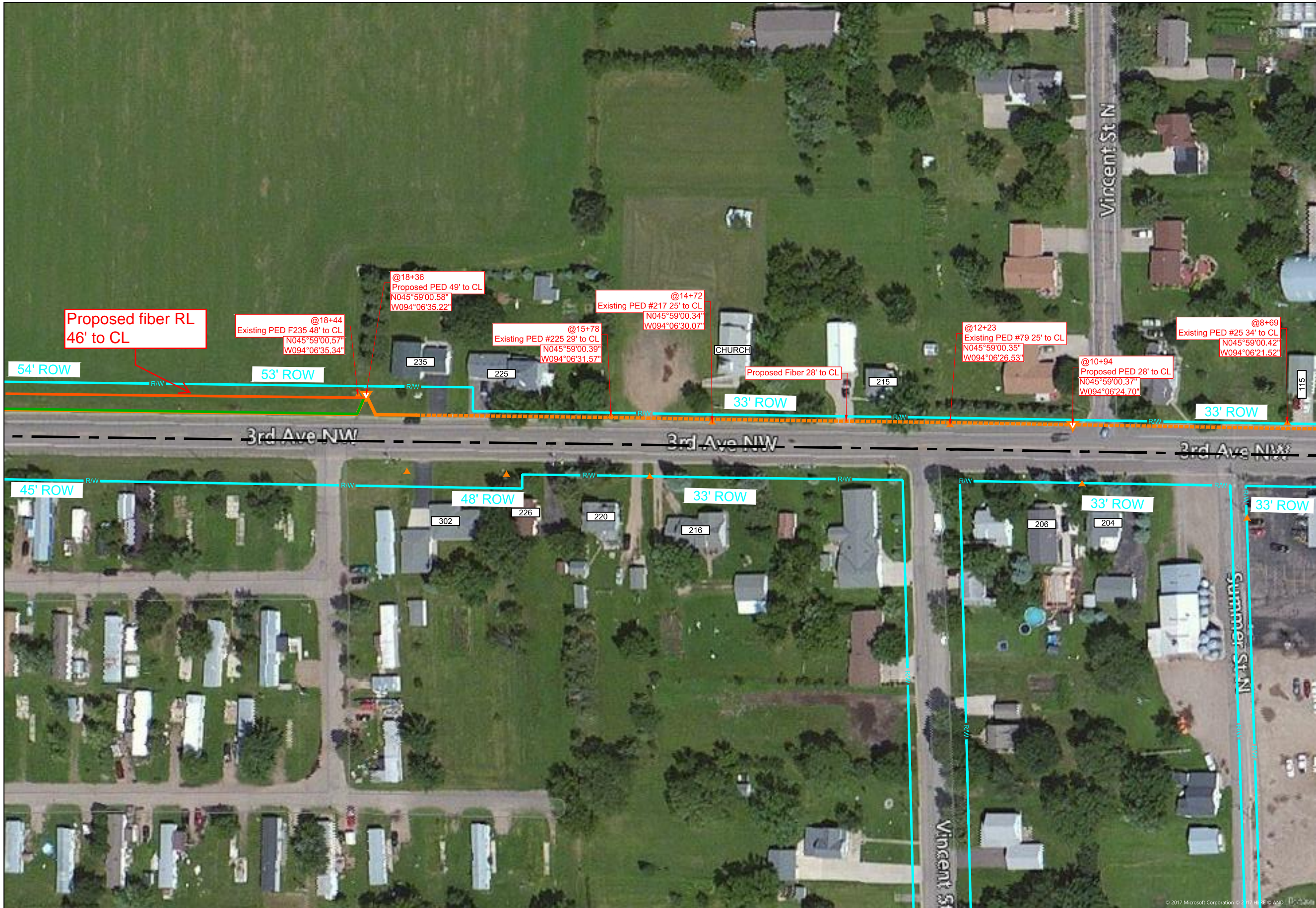
GSOC

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consultants inc.
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TrustCompass.com



1" = 100'

Route
NORTH
City
Pierz
County
Morrison
Filename
PIERZ NORTH ROUTE
Work Order #
N.152214



TRACKING

Staked By:
OSP 2/14/17
Drafted By:
MRT 2/27/17

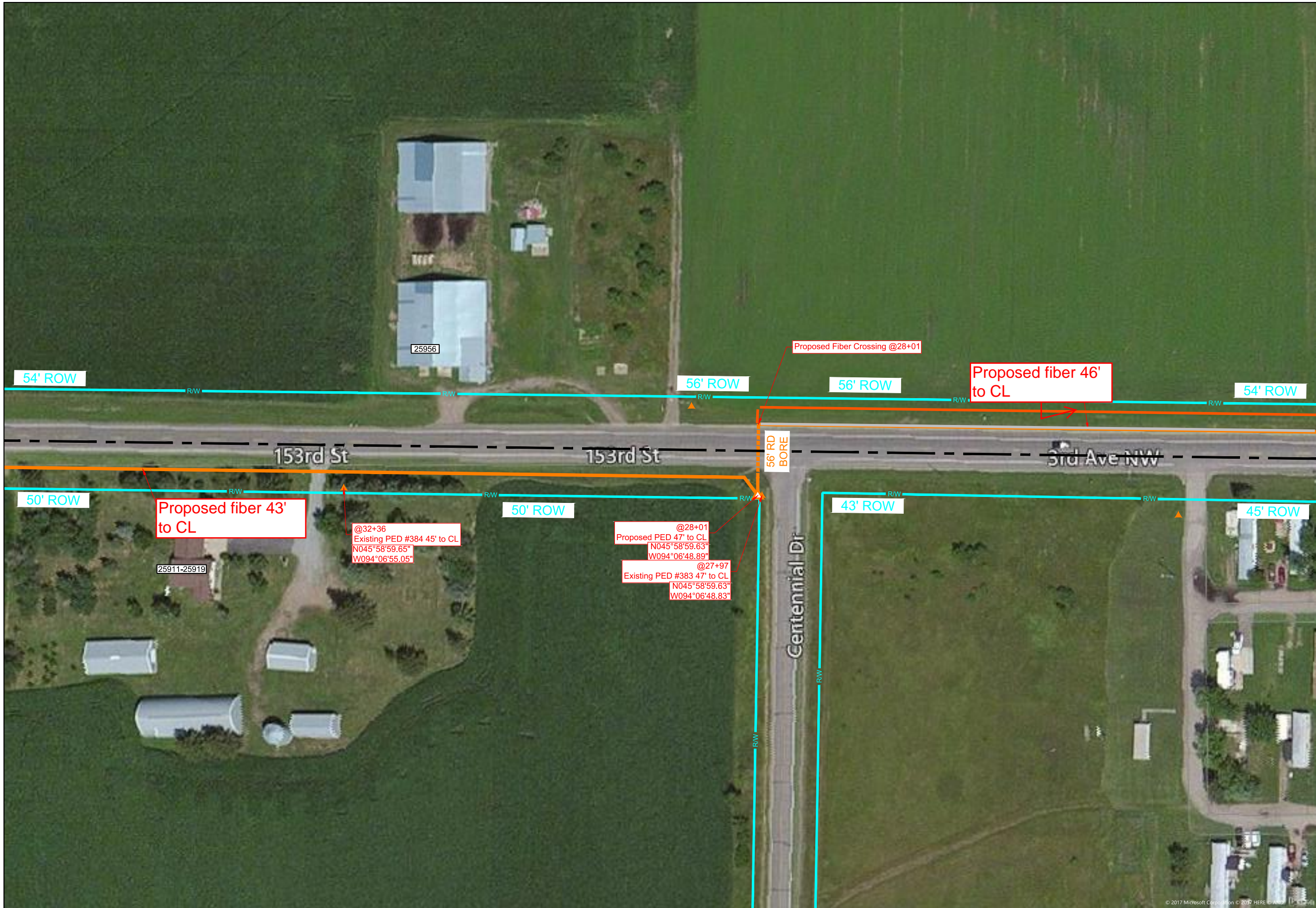
Permit List

MORRISON COUNTY 43
CITY OF PIERZ

GSOC

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1" = 100'

Route	NORTH
City	Pierz
County	Morrison
Filename	PIERZ NORTH ROUTE
Work Order #	N.152214



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Permit List

MORRISON COUNTY 43
CITY OF PIERZ

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1" = 100'

Route	NORTH
City	Pierz
County	Morrison
Filename	PIERZ NORTH ROUTE
Work Order #	N.152214



TRACKING

Staked By:	OSP	2/14/17
Drafted By:	MRT	2/27/17

Permit List

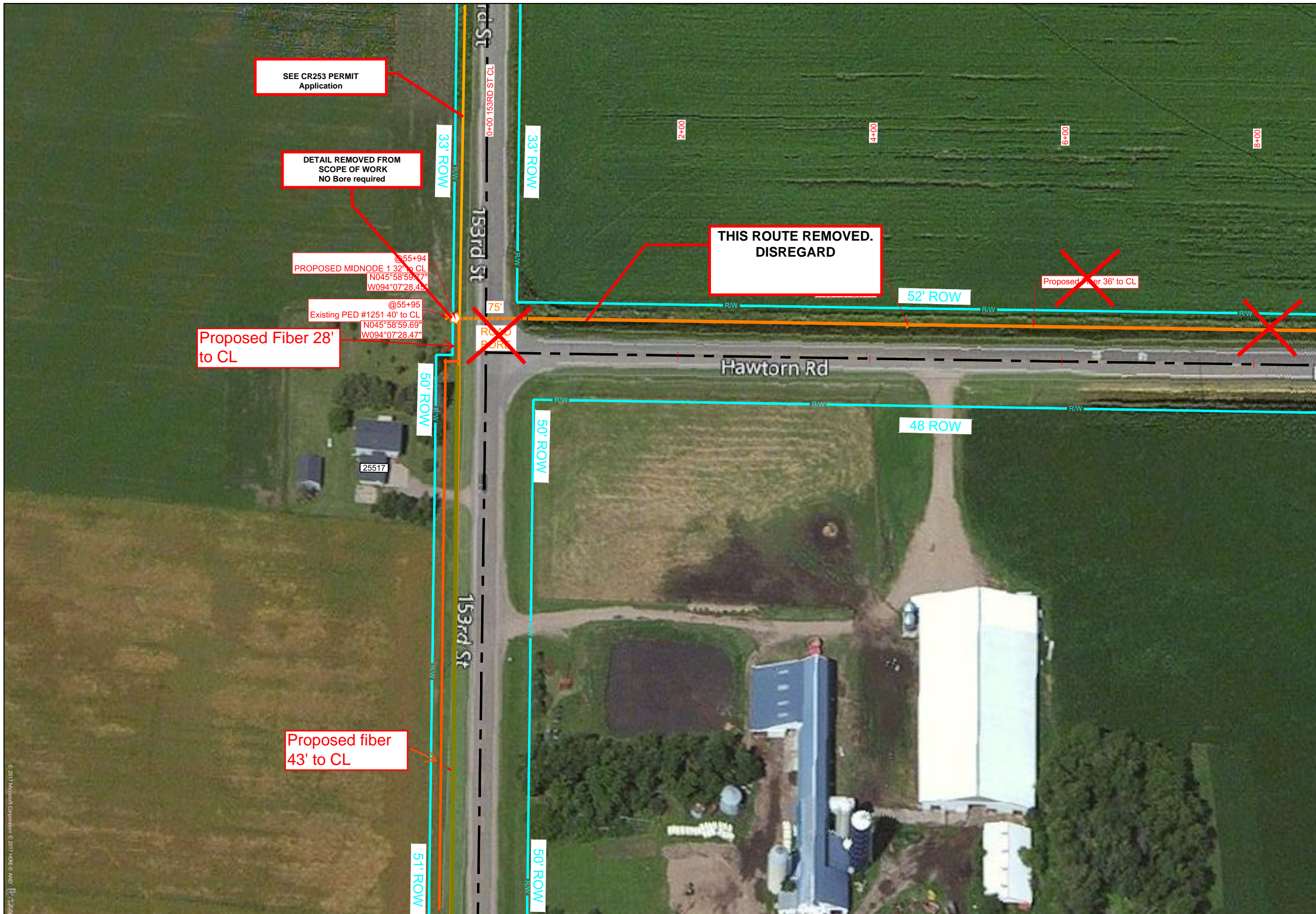
MORRISON COUNTY 43
NORTHERN NATURAL GAS

GSOC

GOPHER STATE ONE CALL
1-800-252-1116
www.gopherstateonecall.org



N-2.3W



1" = 100'

Route	NORTH
City	Pierz
County	Morrison
Filename	PIERZ NORTH ROUTE
Work Order #	N.152214



TRACKING	
Staked By:	OSP 2/14/17
Drafted By:	MRT 2/27/17

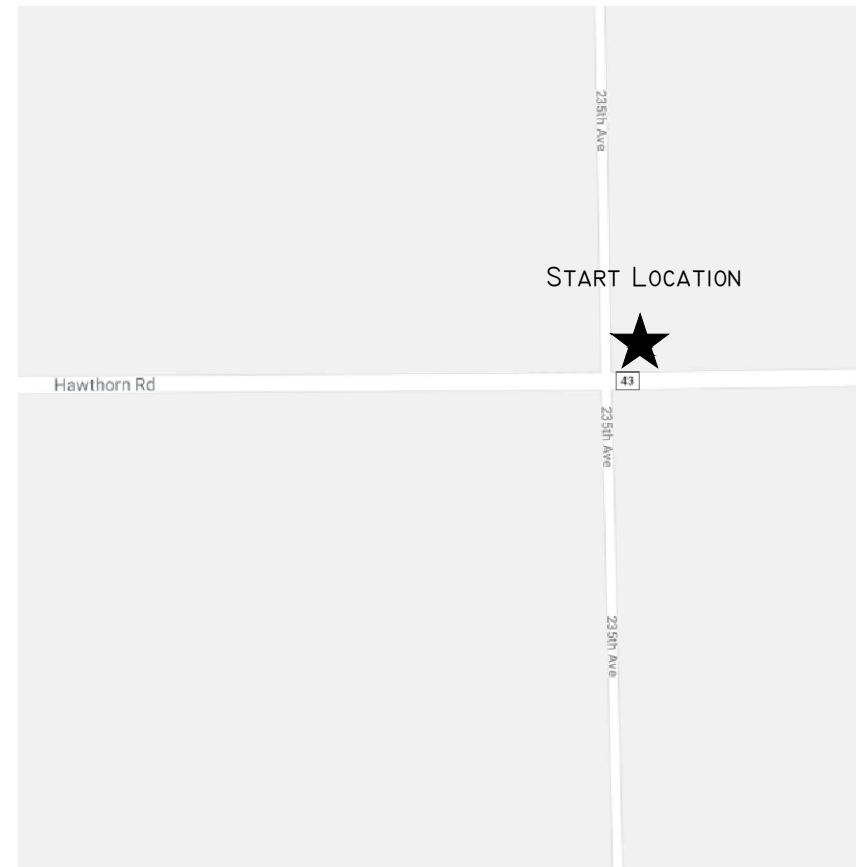
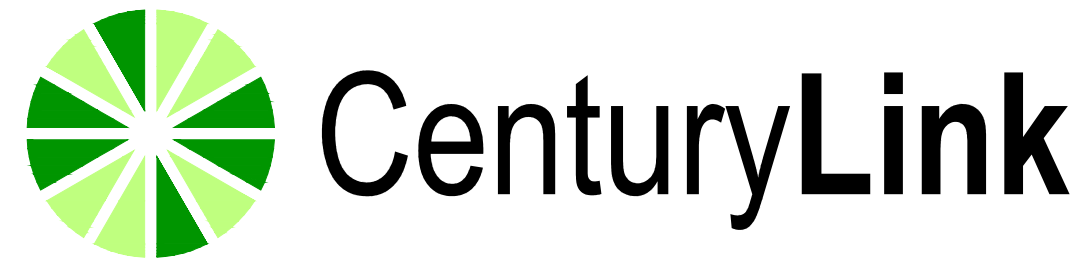
Permit List
MORRISON COUNTY 43

GSOC
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Prepared by:
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 Perham, MN 218-346-3600
 TrustCompass.com

N-2.4W

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SCALE: NTS

CENTURYLINK ENGINEER: BILL GACKE
TELEPHONE: 320-255-8202
EMAIL: BILL.GACKE@CENTURYLINK.COM

CENTURYLINK CPA: TONY VANDERHAGEN
TELEPHONE: 320-255-8533
EMAIL: TONY.VANDERHAGEN@CENTURYLINK.COM

PROJECT NUMBER: N.152214
SITE LOCATION: CSAH 43/ HAWTHORN RD
COUNTY: MORRISON
SECTION: 29, TOWN: 41 N, RANGE: 30W
COORDINATES: 45.998139°, -94.166547°

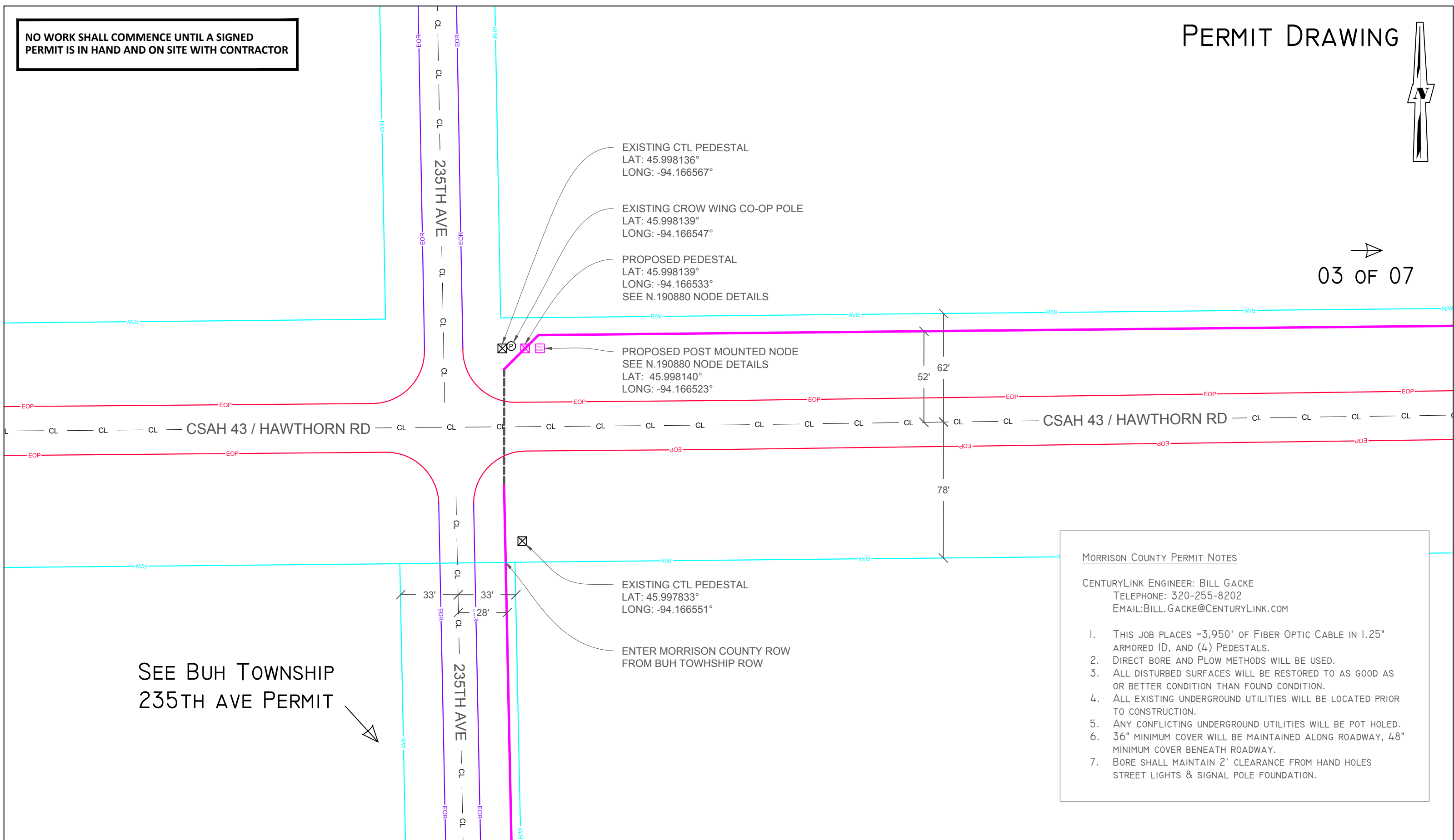
GOODMAN NETWORKS

NO WORK SHALL COMMENCE UNTIL A SIGNED PERMIT IS IN HAND AND ON SITE WITH CONTRACTOR

PERMIT DRAWING



→
03 OF 07



SEE BUH TOWNSHIP
235TH AVE PERMIT

MORRISON COUNTY PERMIT NOTES

CENTURYLINK ENGINEER: BILL GACKE
 TELEPHONE: 320-255-8202
 EMAIL: BILL.GACKE@CENTURYLINK.COM

1. THIS JOB PLACES ~3,950' OF FIBER OPTIC CABLE IN 1.25" ARMORED ID, AND (4) PEDESTALS.
2. DIRECT BORE AND PLOW METHODS WILL BE USED.
3. ALL DISTURBED SURFACES WILL BE RESTORED TO AS GOOD AS OR BETTER CONDITION THAN FOUND CONDITION.
4. ALL EXISTING UNDERGROUND UTILITIES WILL BE LOCATED PRIOR TO CONSTRUCTION.
5. ANY CONFLICTING UNDERGROUND UTILITIES WILL BE POT HOLED.
6. 36" MINIMUM COVER WILL BE MAINTAINED ALONG ROADWAY, 48" MINIMUM COVER BENEATH ROADWAY.
7. BORE SHALL MAINTAIN 2' CLEARANCE FROM HAND HOLES STREET LIGHTS & SIGNAL POLE FOUNDATION.

4658 HEATHERWOOD RD
ST. CLOUD, MN, 56301

PERMITS REQUIRED: MORRISON COUNTY
 W/C: PIRZMNXA
 CPA: TVANDERHAGEN

CONTACT PERSON: BILL GACKE
 OFFICE: 320-255-8202
 CELL: 320-291-2098
 EMAIL: BILL.GACKE@CENTURYLINK.COM

JOB: N.152214
 Loc.: CSAH 43/ HAWTHORN RD

LEGEND						
	PROPOSED PEDESTAL		EXISTING SAI		EOP	EDGE OF PAVEMENT
	EXISTING PEDESTAL		PROPOSED NODE		EW	EDGE OF DIRT ROAD
	EXISTING NODE		PROPOSED SAI		R/W	RIGHT OF WAY
	EXISTING POWER POLE		PROPOSED ELEC		CL	CENTER LINE
						PROPOSED BORE
						PROPOSED CABLE

SCALE: 1" = 50'

SHEET: 02 OF 07

NO WORK SHALL COMMENCE UNTIL A SIGNED PERMIT IS IN HAND AND ON SITE WITH CONTRACTOR

PERMIT DRAWING

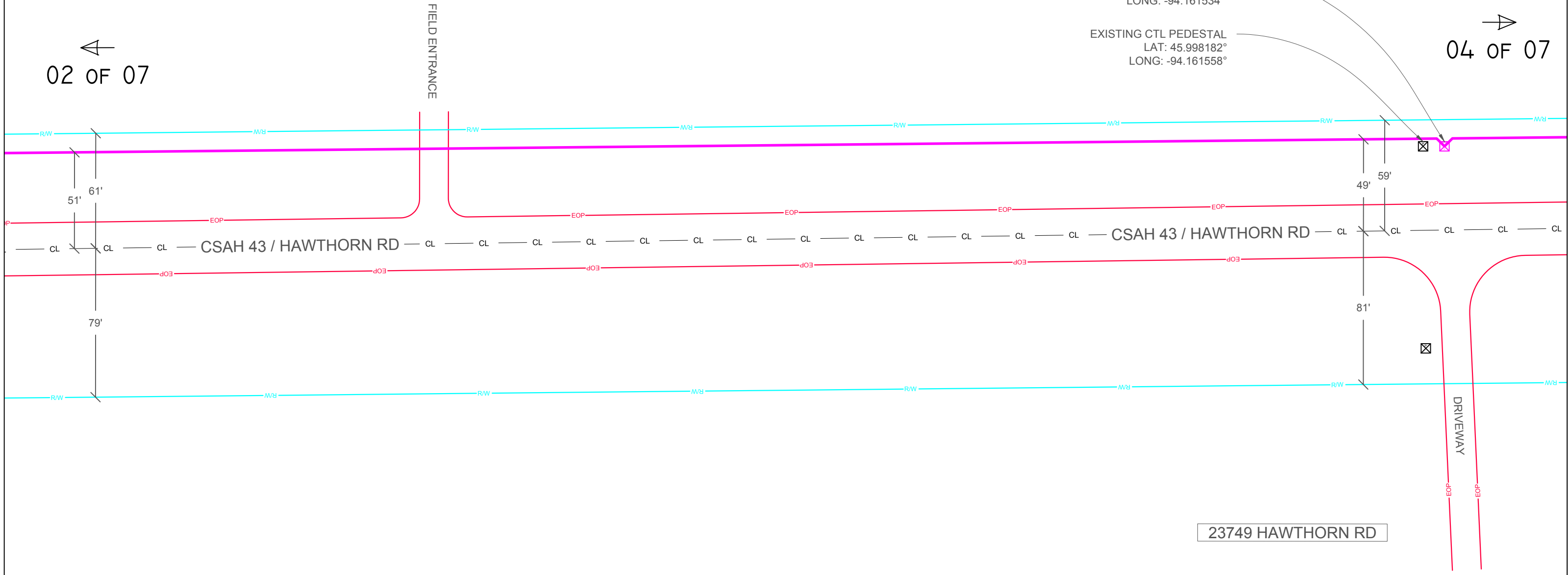


←
02 OF 07

→
04 OF 07

PROPOSED PEDESTAL
LAT: 45.998180°
LONG: -94.161534°

EXISTING CTL PEDESTAL
LAT: 45.998182°
LONG: -94.161558°



23749 HAWTHORN RD



PERMITS REQUIRED: MORRISON COUNTY
W/C: PIRZMNXA
CPA: TVANDERHAGEN

CONTACT PERSON: BILL GACKE
OFFICE: 320-255-8202
CELL: 320-291-2098
EMAIL: BILL.GACKE@CENTURYLINK.COM

JOB: N.152214
Loc.: CSAH 43/ HAWTHORN RD

LEGEND						
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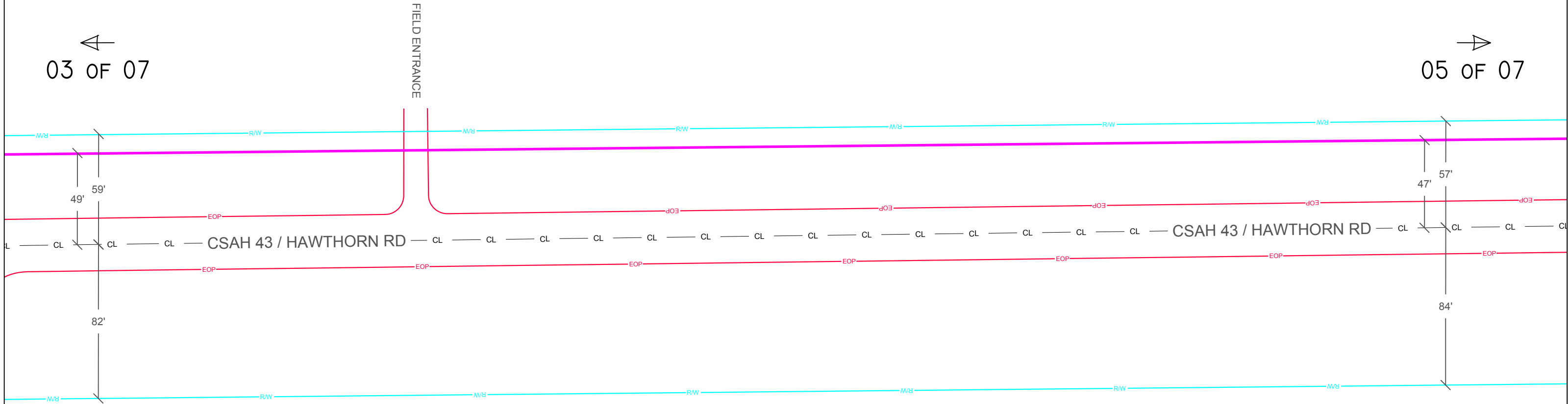
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PERMIT DRAWING



←
03 OF 07

→
05 OF 07



4658 HEATHERWOOD RD
ST. CLOUD, MN, 56301

PERMITS REQUIRED: MORRISON COUNTY
W/C: PIRZMNXA
CPA: TVANDERHAGEN

CONTACT PERSON: BILL GACKE
OFFICE: 320-255-8202
CELL: 320-291-2098
EMAIL: BILL.GACKE@CENTURYLINK.COM

JOB: N.152214
Loc.: CSAH 43/ HAWTHORN RD

LEGEND	
	PROPOSED PEDESTAL
	EXISTING PEDESTAL
	EXISTING NODE
	EXISTING POWER POLE
	EXISTING SAI
	PROPOSED NODE
	PROPOSED SAI
	PROPOSED ELEC
	EDGE OF PAVEMENT
	EDGE OF DIRT ROAD
	RIGHT OF WAY
	CENTER LINE
	PROPOSED BORE
	PROPOSED CABLE

SCALE: 1" = 50'

SHEET: 04 OF 07

NO WORK SHALL COMMENCE UNTIL A SIGNED PERMIT IS IN HAND AND ON SITE WITH CONTRACTOR

PERMIT DRAWING



24024 HAWTHORN RD

DRIVEWAY

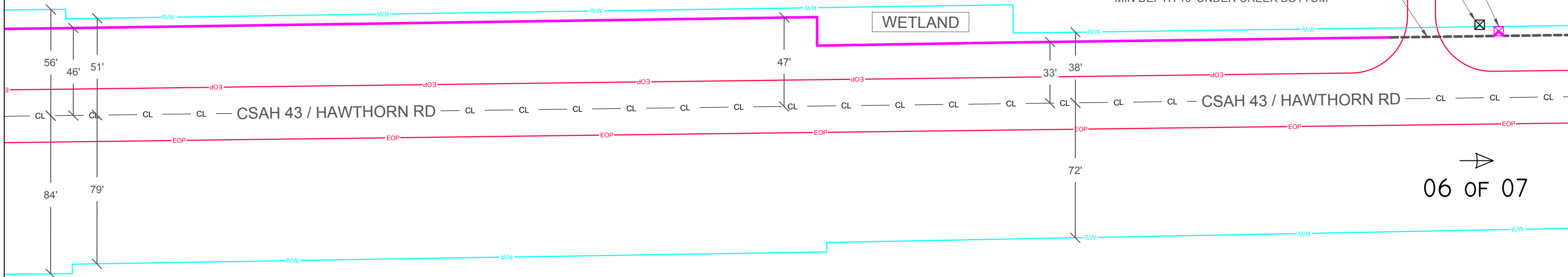
PROPOSED PEDESTAL
LAT: 45.998222°
LONG: -94.155105°

EXISTING CTL PEDESTAL
LAT: 45.998224°
LONG: -94.155128°

DIRECT BORE 390' UNDER DRIVEWAY (24024 HAWTHORN RD)
AND LITTLE MINK CREEK
MIN DEPTH 36" UNDER DRIVEWAY
MIN DEPTH 10' UNDER CREEK BOTTOM

WETLAND

←
04 OF 07



→
06 OF 07



PERMITS REQUIRED: MORRISON COUNTY

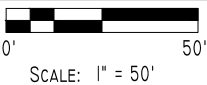
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OFFICE: 320-255-8202
CELL: 320-291-2098
EMAIL: BILL.GACKE@CENTURYLINK.COM

JOB: N.152214
Loc.: CSAH 43/ HAWTHORN RD

LEGEND

	PROPOSED PEDESTAL		EXISTING SAI		EOP	EDGE OF PAVEMENT
	EXISTING PEDESTAL		PROPOSED NODE		EOR	EDGE OF DIRT ROAD
	EXISTING NODE		PROPOSED SAI		RW	RIGHT OF WAY
	EXISTING POWER POLE		PROPOSED ELEC		CL	CENTER LINE
						PROPOSED BORE
						PROPOSED CABLE



SHEET: 05 OF 07

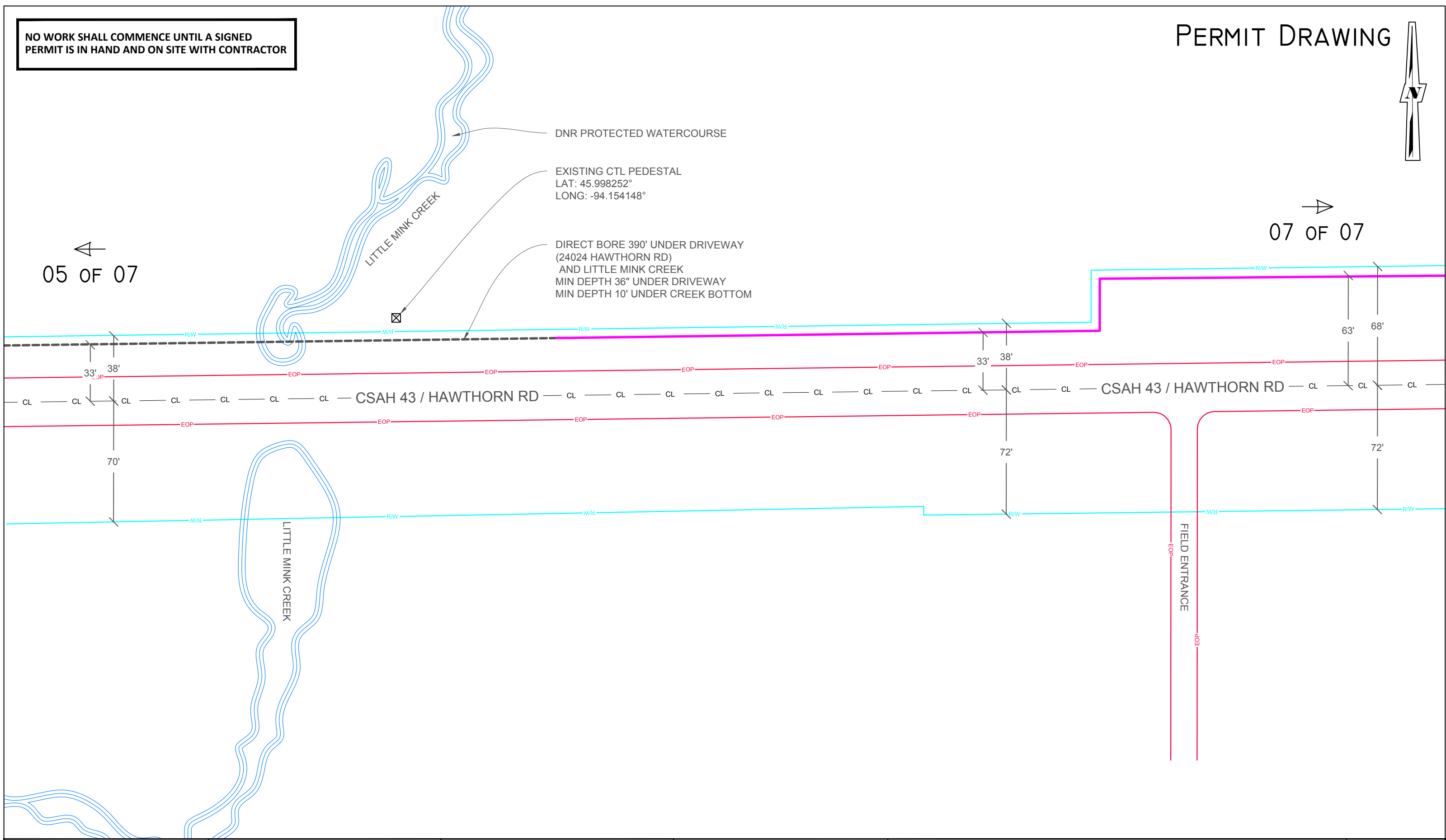
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PERMIT DRAWING



←
05 OF 07

→
07 OF 07



PERMITS REQUIRED: MORRISON COUNTY
W/C: PIRZMNXA
CPA: TVANDERHAGEN

CONTACT PERSON: BILL GACKE
OFFICE: 320-255-8202
CELL: 320-291-2098
EMAIL: BILL.GACKE@CENTURYLINK.COM

JOB: N.152214
Loc.: CSAH 43/ HAWTHORN RD

LEGEND	
	PROPOSED PEDESTAL
	EXISTING PEDESTAL
	EXISTING NODE
	EXISTING POWER POLE
	EXISTING SAI
	PROPOSED NODE
	PROPOSED SAI
	PROPOSED ELEC
	EDGE OF PAVEMENT
	EDGE OF DIRT ROAD
	RIGHT OF WAY
	CENTER LINE
	PROPOSED BORE
	PROPOSED CABLE

SCALE: 1" = 50'

SHEET: 06 OF 07

NO WORK SHALL COMMENCE UNTIL A SIGNED PERMIT IS IN HAND AND ON SITE WITH CONTRACTOR

PERMIT DRAWING



EXISTING CTL SAI CABINET
LAT: 45.998386°
LONG: -94.151152°

EXISTING CTL REMOTE TERMINAL
LAT: 45.998364°
LONG: -94.151154°

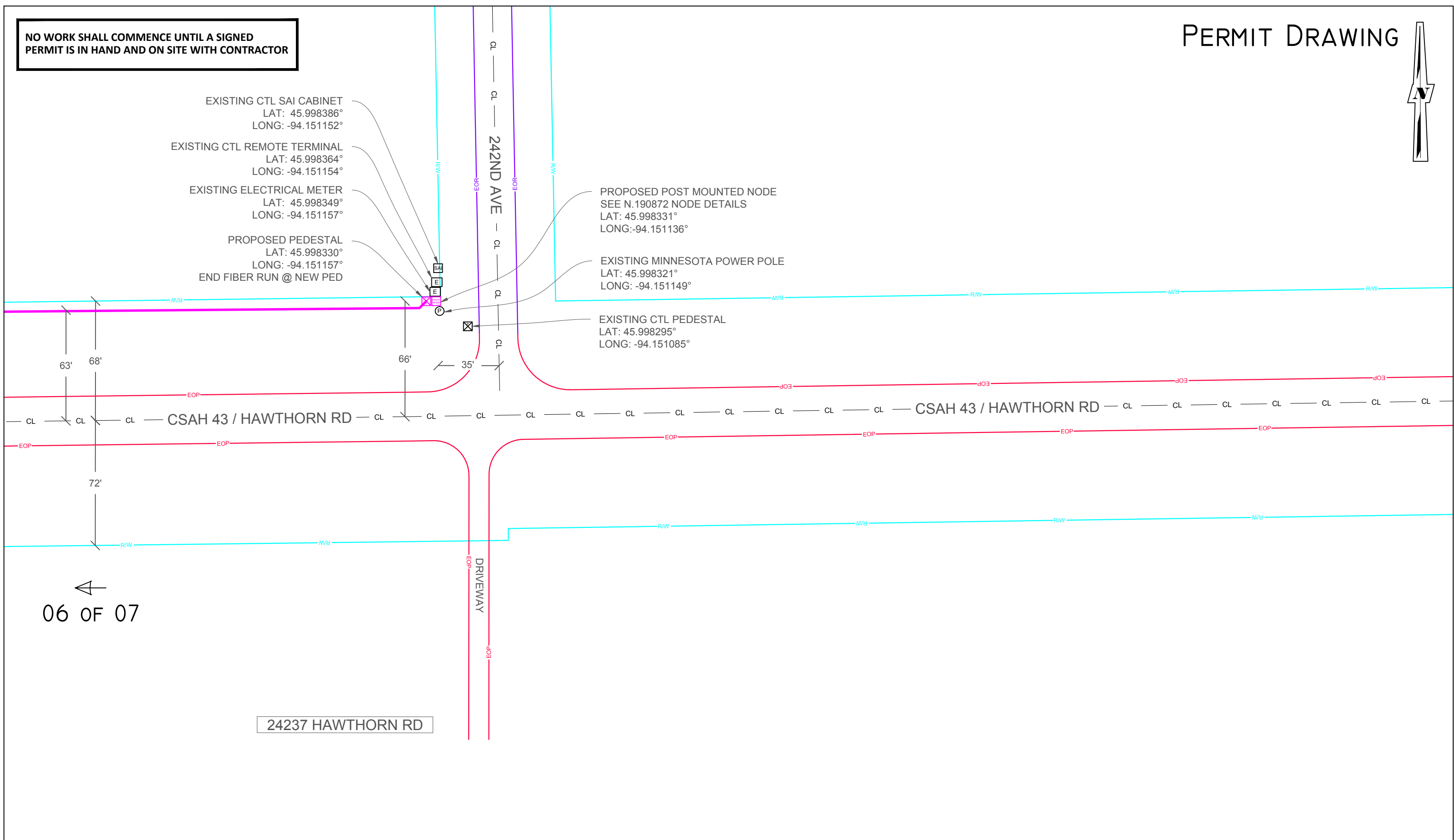
EXISTING ELECTRICAL METER
LAT: 45.998349°
LONG: -94.151157°

PROPOSED PEDESTAL
LAT: 45.998330°
LONG: -94.151157°
END FIBER RUN @ NEW PED

PROPOSED POST MOUNTED NODE
SEE N.190872 NODE DETAILS
LAT: 45.998331°
LONG: -94.151136°

EXISTING MINNESOTA POWER POLE
LAT: 45.998321°
LONG: -94.151149°

EXISTING CTL PEDESTAL
LAT: 45.998295°
LONG: -94.151085°



06 OF 07

24237 HAWTHORN RD



PERMITS REQUIRED: MORRISON COUNTY

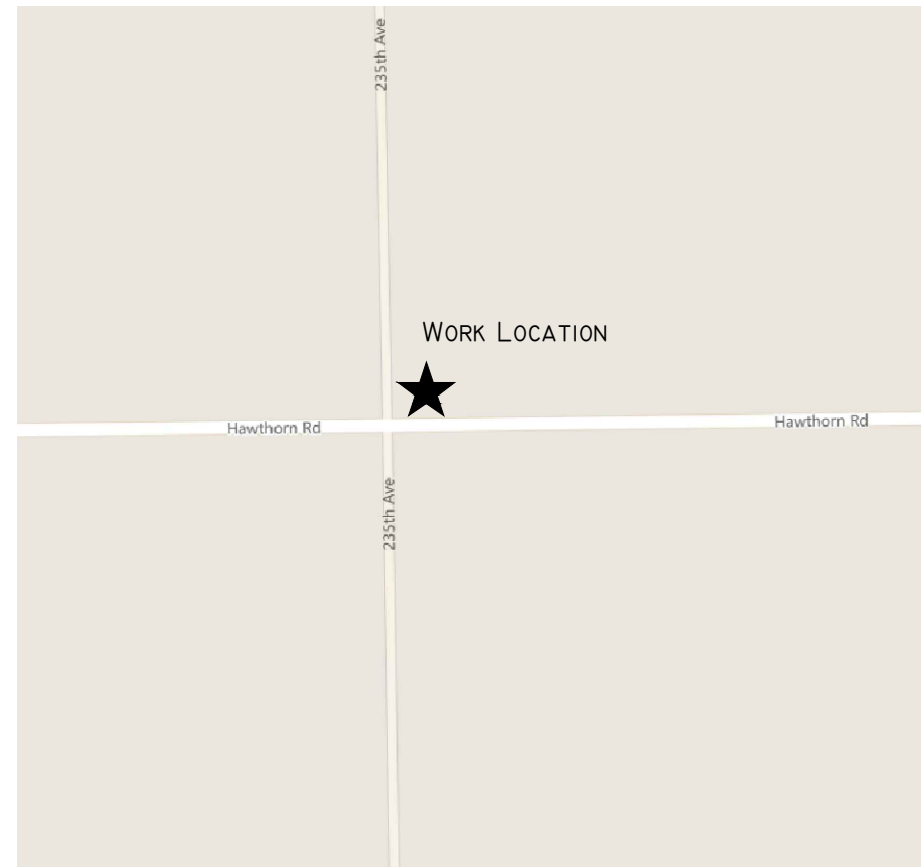
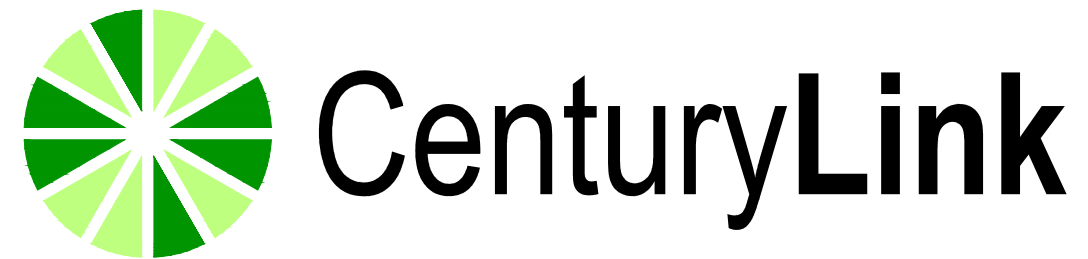
W/C: PIRZMNXA
CPA: TVANDERHAGEN

CONTACT PERSON: BILL GACKE
OFFICE: 320-255-8202
CELL: 320-291-2098
EMAIL: BILL.GACKE@CENTURYLINK.COM

JOB: N.152214
Loc.: CSAH 43/ HAWTHORN RD

LEGEND						
	PROPOSED PEDESTAL		EXISTING SAI		EOP	EDGE OF PAVEMENT
	EXISTING PEDESTAL		PROPOSED NODE		EOR	EDGE OF DIRT ROAD
	EXISTING NODE		PROPOSED SAI		R/W	RIGHT OF WAY
	EXISTING POWER POLE		PROPOSED ELEC		CL	CENTER LINE
						PROPOSED BORE
						PROPOSED CABLE

SCALE: 1" = 50'
 SHEET: 07 OF 07



SCALE: NTS

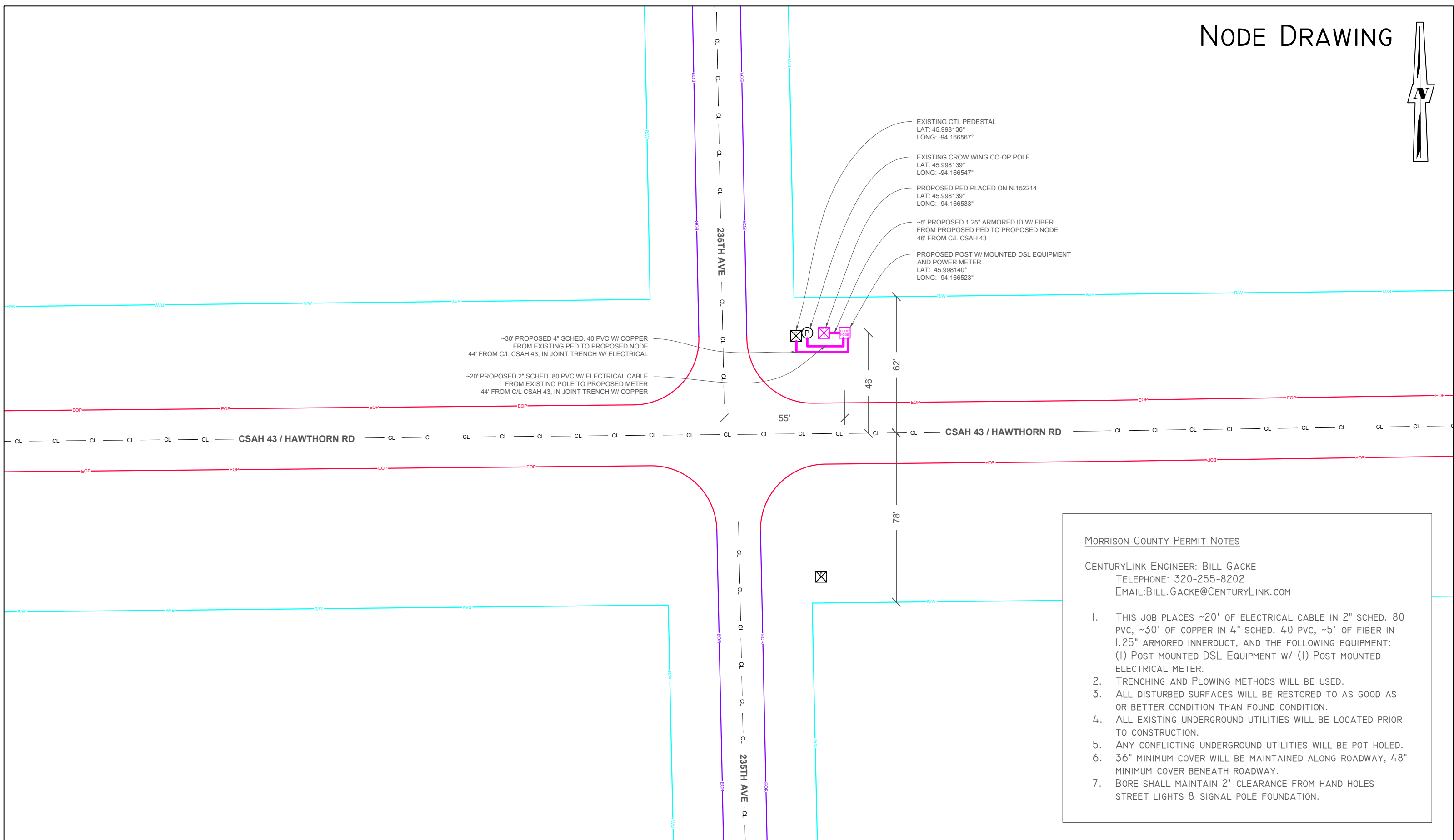
CENTURYLINK ENGINEER: BILL GACKE
TELEPHONE: 320-255-8202
EMAIL: BILL.GACKE@CENTURYLINK.COM

CENTURYLINK CPA: TONY VANDERHAGEN
TELEPHONE: 320-255-8533
EMAIL: TONY.VANDERHAGEN@CENTURYLINK.COM

PROJECT NUMBER: N.190880
SITE LOCATION: 24026 HAWTHORN RD
COUNTY: MORRISON
SECTION: 29, TOWN: 41 N, RANGE: 30W
COORDINATES: 45.998140°, -94.166523°

GOODMAN NETWORKS

NODE DRAWING



MORRISON COUNTY PERMIT NOTES

CENTURYLINK ENGINEER: BILL GACKE
 TELEPHONE: 320-255-8202
 EMAIL: BILL.GACKE@CENTURYLINK.COM

1. THIS JOB PLACES ~20' OF ELECTRICAL CABLE IN 2" SCHED. 80 PVC, ~30' OF COPPER IN 4" SCHED. 40 PVC, ~5' OF FIBER IN 1.25" ARMORED INNERDUCT, AND THE FOLLOWING EQUIPMENT: (1) POST MOUNTED DSL EQUIPMENT W/ (1) POST MOUNTED ELECTRICAL METER.
2. TRENCHING AND PLOWING METHODS WILL BE USED.
3. ALL DISTURBED SURFACES WILL BE RESTORED TO AS GOOD AS OR BETTER CONDITION THAN FOUND CONDITION.
4. ALL EXISTING UNDERGROUND UTILITIES WILL BE LOCATED PRIOR TO CONSTRUCTION.
5. ANY CONFLICTING UNDERGROUND UTILITIES WILL BE POT HOLED.
6. 36" MINIMUM COVER WILL BE MAINTAINED ALONG ROADWAY, 48" MINIMUM COVER BENEATH ROADWAY.
7. BORE SHALL MAINTAIN 2' CLEARANCE FROM HAND HOLES STREET LIGHTS & SIGNAL POLE FOUNDATION.

4658 HEATHERWOOD RD
 ST. CLOUD, MN, 56301

PERMITS REQUIRED: MORRISON COUNTY

W/C: PIRZMNXA
 CPA: TVANDERHAGEN

CONTACT PERSON: BILL GACKE
 OFFICE: 320-255-8202
 CELL: 320-291-2098
 EMAIL: BILL.GACKE@CENTURYLINK.COM

JOB: N.190880 - NODE 4
 Loc.: 24026 HAWTHORN RD

	PROPOSED PEDESTAL		EXISTING SAI
	EXISTING PEDESTAL		PROPOSED NODE
	EXISTING NODE		PROPOSED SAI
	EXISTING POWER POLE		PROPOSED ELEC

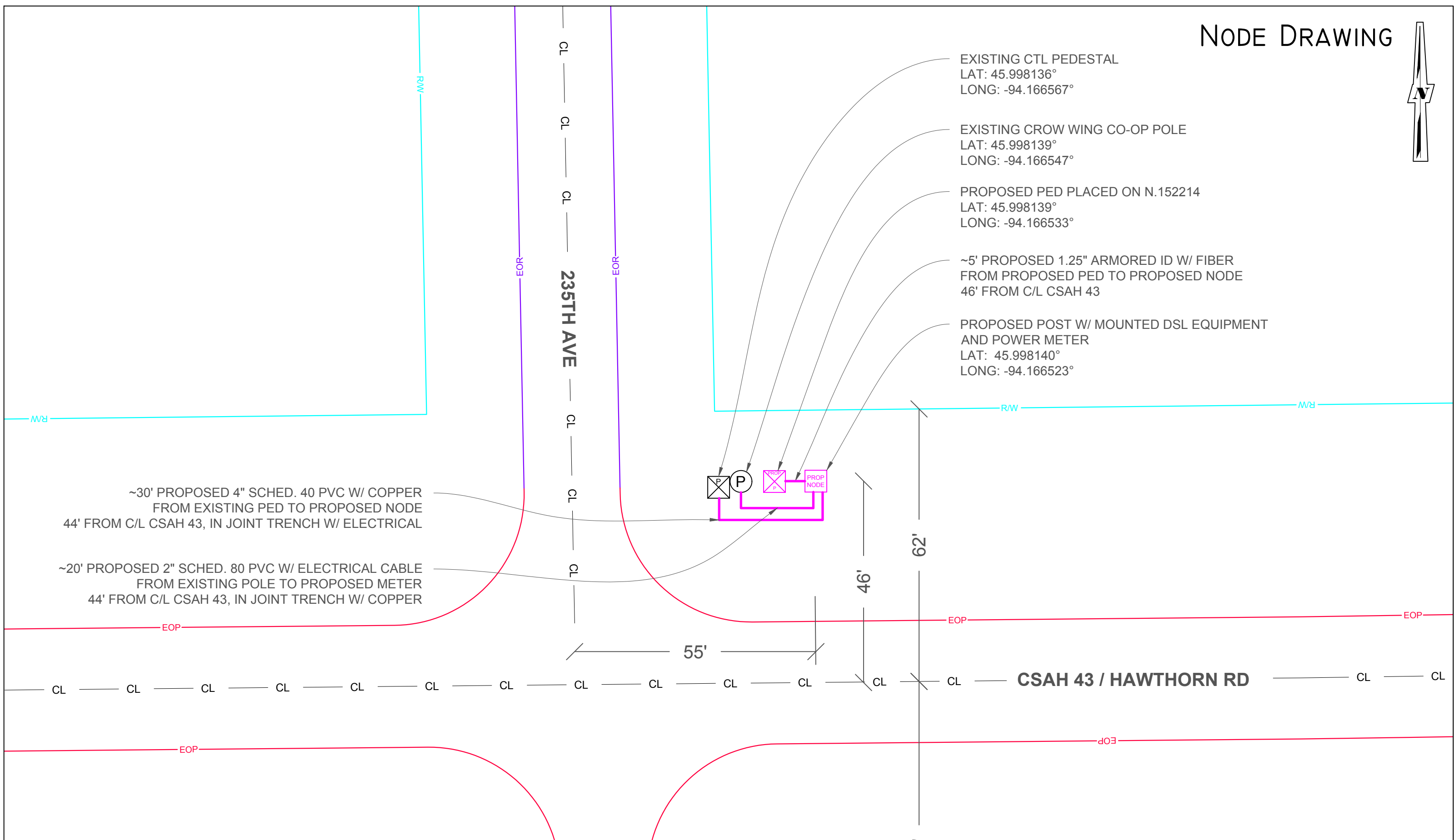
	EOP	EDGE OF PAVEMENT
	EOR	EDGE OF DIRT ROAD
	RW	RIGHT OF WAY
	CL	CENTER LINE
	PROPOSED BORE	
	PROPOSED CABLE	

0' 40'

SCALE: 1" = 40'

SHEET: 02 OF 03

NODE DRAWING



- EXISTING CTL PEDESTAL
LAT: 45.998136°
LONG: -94.166567°
- EXISTING CROW WING CO-OP POLE
LAT: 45.998139°
LONG: -94.166547°
- PROPOSED PED PLACED ON N.152214
LAT: 45.998139°
LONG: -94.166533°
- ~5' PROPOSED 1.25" ARMORED ID W/ FIBER
FROM PROPOSED PED TO PROPOSED NODE
46' FROM C/L CSAH 43
- PROPOSED POST W/ MOUNTED DSL EQUIPMENT
AND POWER METER
LAT: 45.998140°
LONG: -94.166523°

~30' PROPOSED 4" SCHED. 40 PVC W/ COPPER
FROM EXISTING PED TO PROPOSED NODE
44' FROM C/L CSAH 43, IN JOINT TRENCH W/ ELECTRICAL

~20' PROPOSED 2" SCHED. 80 PVC W/ ELECTRICAL CABLE
FROM EXISTING POLE TO PROPOSED METER
44' FROM C/L CSAH 43, IN JOINT TRENCH W/ COPPER

62'

46'

55'

CSAH 43 / HAWTHORN RD



PERMITS REQUIRED: MORRISON COUNTY
W/C: PIRZMNXA
CPA: TVANDERHAGEN

CONTACT PERSON: BILL GACKE
OFFICE: 320-255-8202
CELL: 320-291-2098
EMAIL: BILL.GACKE@CENTURYLINK.COM

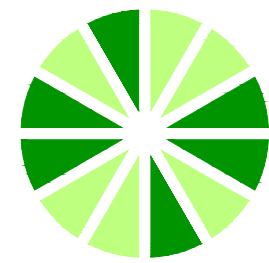
JOB: N.190880 - NODE 4
Loc.: 24026 HAWTHORN RD

LEGEND	
	PROPOSED PEDESTAL
	EXISTING PEDESTAL
	EXISTING NODE
	EXISTING POWER POLE
	EXISTING SAI
	PROPOSED NODE
	PROPOSED SAI
	PROPOSED ELEC
	EDGE OF PAVEMENT
	EDGE OF DIRT ROAD
	RIGHT OF WAY
	CENTER LINE
	PROPOSED BORE
	PROPOSED CABLE

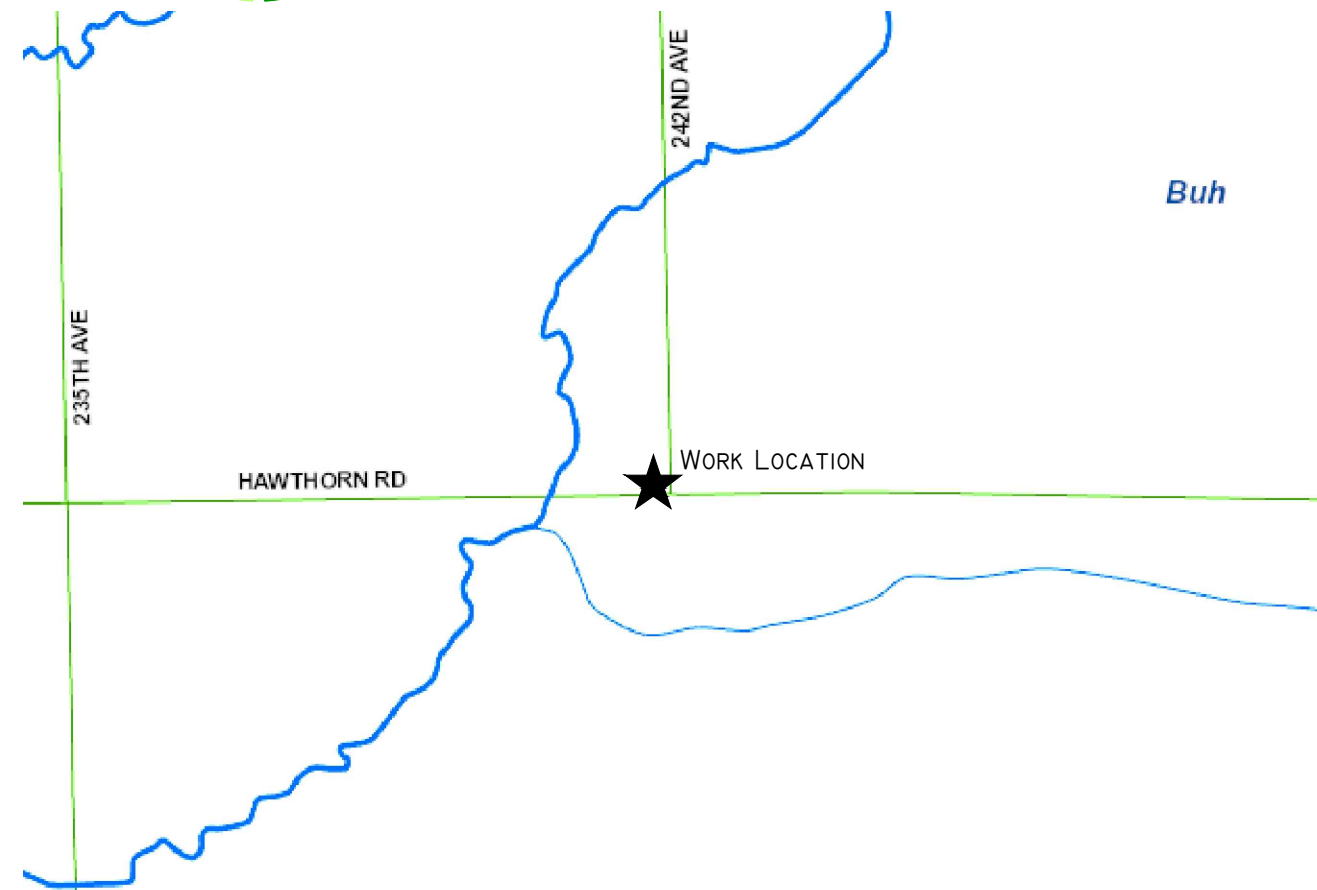
0' 20'

SCALE: 1" = 20'

SHEET: 03 OF 03



CenturyLink



SCALE: NTS

CENTURYLINK ENGINEER: BILL GACKE
TELEPHONE: 320-255-8202
EMAIL: BILL.GACKE@CENTURYLINK.COM

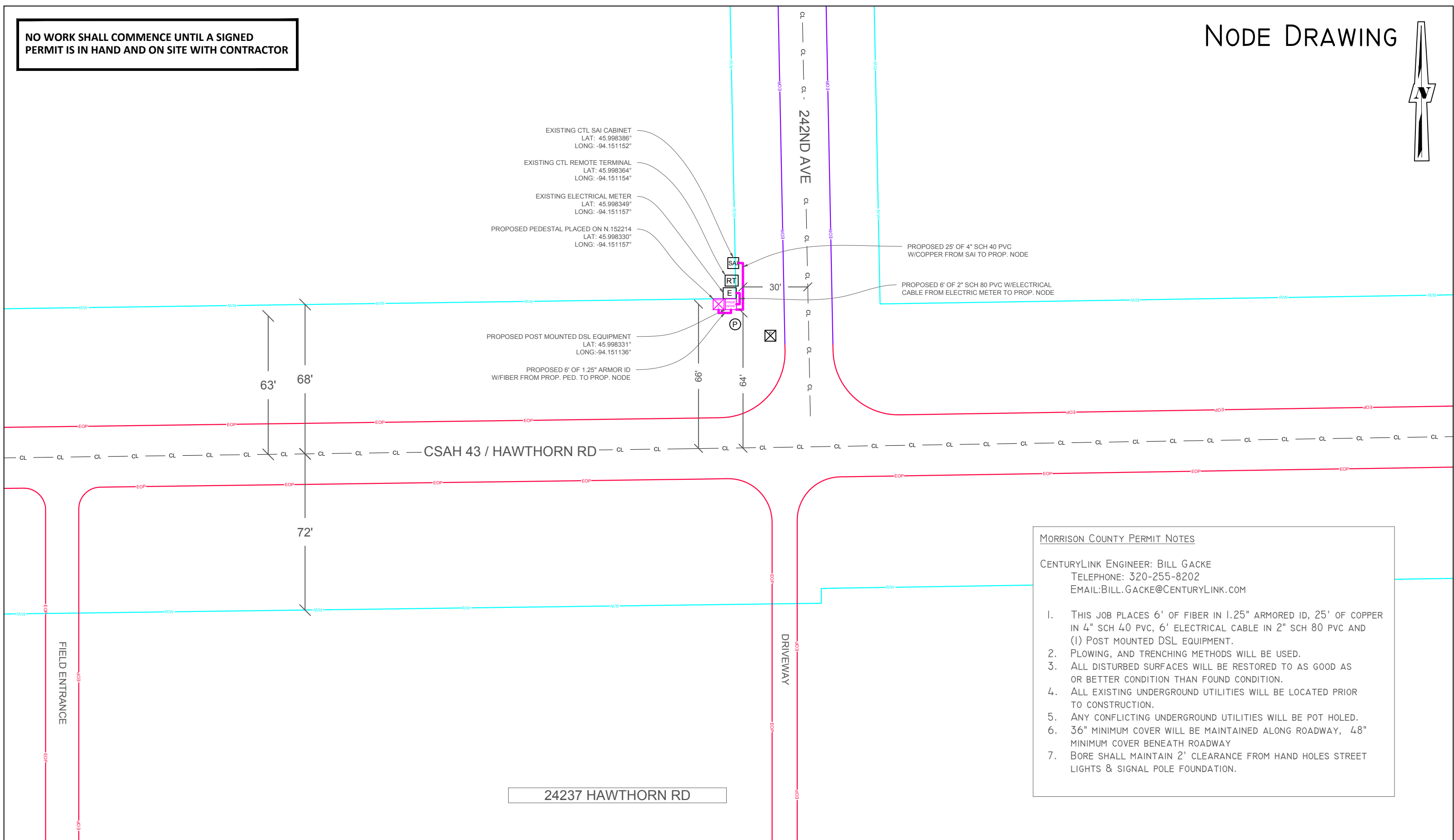
CENTURYLINK CPA: TONY VANDERHAGEN
TELEPHONE: 320-255-8533
EMAIL: TONY.VANDERHAGEN@CENTURYLINK.COM

PROJECT NUMBER: N.190872
SITE LOCATION: 16421 242ND AVE, PIERZ, MN
COUNTY: MORRISON
SECTION: 29, TOWN: 41N, RANGE: 30W
COORDINATES: 45.998295°, -94.151085°

GOODMAN NETWORKS

NO WORK SHALL COMMENCE UNTIL A SIGNED PERMIT IS IN HAND AND ON SITE WITH CONTRACTOR

NODE DRAWING



EXISTING CTL SAI CABINET
LAT: 45.998386°
LONG: -94.151152°

EXISTING CTL REMOTE TERMINAL
LAT: 45.998364°
LONG: -94.151154°

EXISTING ELECTRICAL METER
LAT: 45.998349°
LONG: -94.151157°

PROPOSED PEDESTAL PLACED ON N.152214
LAT: 45.998330°
LONG: -94.151157°

PROPOSED POST MOUNTED DSL EQUIPMENT
LAT: 45.998331°
LONG: -94.151136°

PROPOSED 6" OF 1.25" ARMOR ID
W/FIBER FROM PROP. PED. TO PROP. NODE

PROPOSED 25' OF 4" SCH 40 PVC
W/COPPER FROM SAI TO PROP. NODE

PROPOSED 6' OF 2" SCH 80 PVC W/ELECTRICAL
CABLE FROM ELECTRIC METER TO PROP. NODE

MORRISON COUNTY PERMIT NOTES

CENTURYLINK ENGINEER: BILL GACKE
TELEPHONE: 320-255-8202
EMAIL: BILL.GACKE@CENTURYLINK.COM

- THIS JOB PLACES 6' OF FIBER IN 1.25" ARMORED ID, 25' OF COPPER IN 4" SCH 40 PVC, 6' ELECTRICAL CABLE IN 2" SCH 80 PVC AND (1) POST MOUNTED DSL EQUIPMENT.
- PLOWING, AND TRENCHING METHODS WILL BE USED.
- ALL DISTURBED SURFACES WILL BE RESTORED TO AS GOOD AS OR BETTER CONDITION THAN FOUND CONDITION.
- ALL EXISTING UNDERGROUND UTILITIES WILL BE LOCATED PRIOR TO CONSTRUCTION.
- ANY CONFLICTING UNDERGROUND UTILITIES WILL BE POT HOLED.
- 36" MINIMUM COVER WILL BE MAINTAINED ALONG ROADWAY, 48" MINIMUM COVER BENEATH ROADWAY
- BORE SHALL MAINTAIN 2' CLEARANCE FROM HAND HOLES STREET LIGHTS & SIGNAL POLE FOUNDATION.



PERMITS REQUIRED: MORRISON COUNTY
BUH TOWNSHIP
W/C: PIRZMNXA
CPA: TVANDERHAGEN

CONTACT PERSON: BILL GACKE
OFFICE: 320-255-8202
CELL: 320-291-2098
EMAIL: BILL.GACKE@CENTURYLINK.COM

JOB: N.190872
Loc.: 16420 242ND AVE, PIERZ, MN

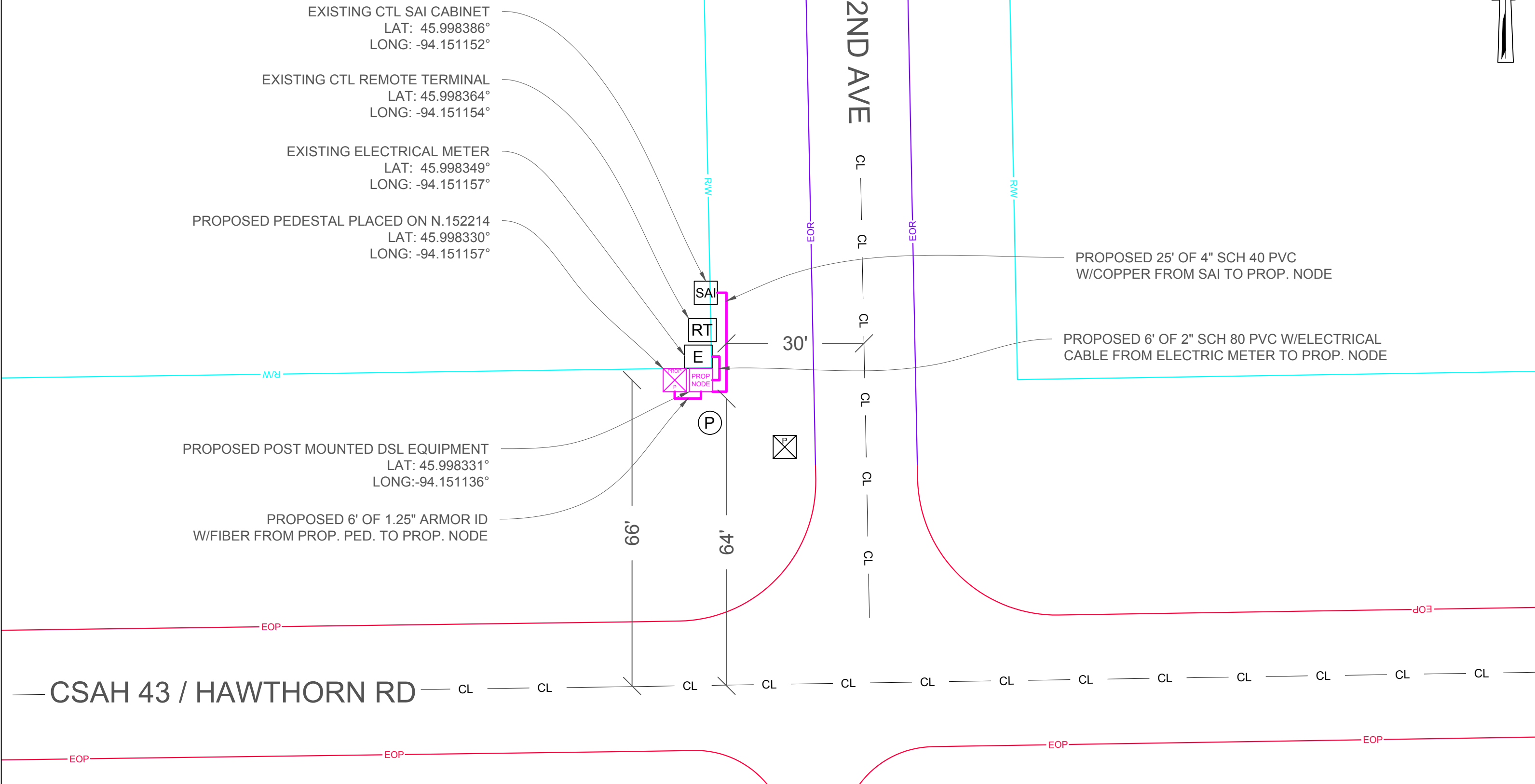
LEGEND	
	PROPOSED PEDESTAL
	EXISTING PEDESTAL
	EXISTING NODE
	EXISTING POWER POLE
	EXISTING SAI
	PROPOSED NODE
	PROPOSED SAI
	PROPOSED ELEC
	EDGE OF PAVEMENT
	EDGE OF DIRT ROAD
	RIGHT OF WAY
	CENTER LINE
	PROPOSED BORE
	PROPOSED CABLE

SCALE: 1" = 40'

SHEET: 02 OF 03

NO WORK SHALL COMMENCE UNTIL A SIGNED PERMIT IS IN HAND AND ON SITE WITH CONTRACTOR

NODE DRAWING



PERMITS REQUIRED: MORRISON COUNTY
BUH TOWNSHIP
W/C: PIRZMNXA
CPA: TVANDERHAGEN

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JOB: N.190872
Loc.: 16420 242ND AVE, MORRISON COUNTY, MN

LEGEND	
	PROPOSED PEDESTAL
	EXISTING PEDESTAL
	EXISTING NODE
	EXISTING POWER POLE
	EXISTING SAI
	PROPOSED NODE
	PROPOSED SAI
	PROPOSED ELEC
	EDGE OF PAVEMENT
	EDGE OF DIRT ROAD
	RIGHT OF WAY
	CENTER LINE
	PROPOSED BORE
	PROPOSED CABLE

SCALE: 1" = 20'
 SHEET: 03 OF 03