



0200400

Feet

1 inch = 400 feet

GREAT RIVER ENERGY

Appendix A

Appleton to Benson 115-kV Transmission Line Project

Detailed Route Maps

Swift County, Minnesota

Page 14 of 28

Proposed Upgrade 41.6-kV to 115-kV

100ft Right-of-Way

Proposed Route Width

Forest/Shrub Area

41.6-kV Transmission Line

Railroad

Snowmobile Trail

PWI Watercourse

MDNR Hydrography Dataset Watercourse

PEM

County Highway

State Highway

US Highway

Source: Z:\Clients\IE_H\GRE\Appleton_Benson\ArcGIS\Permitting\State\PU\Route_Figures\Appleton_Benson_RP_Figures.aprx

Date: (10/28/2024)



0200400

Feet

1 inch = 400 feet

GREAT RIVER ENERGY

Appendix A

Appleton to Benson 115-kV Transmission Line Project

Detailed Route Maps

Swift County, Minnesota

Page 15 of 28

Proposed Upgrade 41.6-kV to 115-kV

100ft Right-of-Way

Proposed Route Width

Forest/Shrub Area

41.6-kV Transmission Line

Railroad

Snowmobile Trail

PWI Watercourse

MDNR Hydrography Dataset Watercourse

NWI Wetland Community (Cowardin Classification)

PEM

R2U

County Highway

State Highway

US Highway

Source: Z:\Clients\IE_H\GRE\Appleton_Benson\ArcGIS\Permitting\State\PUC\Route_Permits\202408\Figures\Appleton_Benson_RP_Figures.aprx

Date: (10/28/2024)



0200400

Feet

1 inch = 400 feet

GREAT RIVER ENERGY

Appendix A

Appleton to Benson 115-kV Transmission Line Project

Detailed Route Maps

Swift County, Minnesota

Page 16 of 28

Proposed Upgrade 41.6-kV to 115-kV	Railroad	MDNR Hydrography Dataset Watercourse	R2U
100ft Right-of-Way	Snowmobile Trail	NWI Wetland Community (Cowardin Classification)	County Highway
Proposed Route Width	Impaired Stream (2024)	PEM	State Highway
41.6-kV Transmission Line	PWI Watercourse		US Highway



0

200

400

Feet

1 inch = 400 feet

For Environmental Review Purposes Only

N

E

S

W

Appendix A

Appleton to Benson 115-kV Transmission Line Project

Detailed Route Maps

Swift County, Minnesota

Page 18 of 28

Proposed Upgrade 41.6-kV to 115-kV

100ft Right-of-Way

Proposed Route Width

Forest/Shrub Area

41.6-kV Transmission Line

NWI Wetland Community (Cowardin Classification)

PUB

County Highway

State Highway

US Highway

Date: (10/28/2024)

Source: Z:\Clients\E_H\GRE\Mapleton_Benson\ArcGIS\Permitting\State\PU\Route_Figures\Mapleton_Benson_RP_Figures.aprx



0200400

Feet

1 inch = 400 feet

GREAT RIVER ENERGY

N

W

E

S

For Environmental Review Purposes Only

Appendix A

Appleton to Benson 115-kV Transmission Line Project

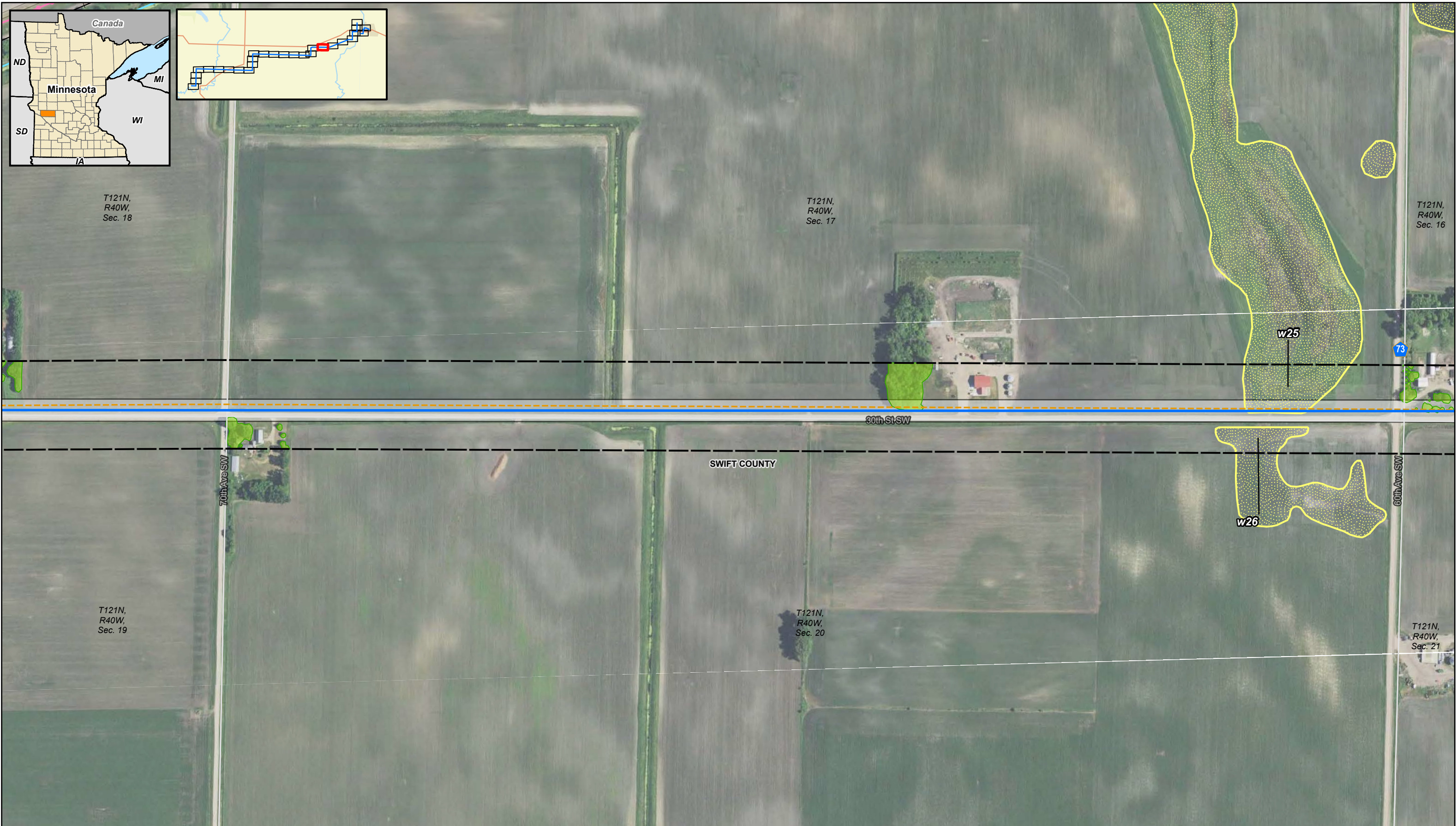
Detailed Route Maps

Swift County, Minnesota

Page 19 of 28

<div><div></div>Substation</div> <div><div></div>Proposed Upgrade 41.6-kV to 115-kV</div> <div><div></div>100ft Right-of-Way</div> <div><div></div>Proposed Route Width</div>	<div><div></div>Forest/Shrub Area</div> <div><div></div>41.6-kV Transmission Line</div> <div><div></div>Railroad</div> <div><div></div>Snowmobile Trail</div>	<div><div></div>MDNR Hydrography Dataset Watercourse</div> <div><div></div>NWI Wetland Community (Cowardin Classification)</div> <div><div></div>PUB</div>	<div><div></div>County Highway</div> <div><div></div>State Highway</div> <div><div></div>US Highway</div>
---	---	--	---

Date: (10/28/2024)Source: Z:\Clients\E_H\GRE\Appleton_Benson\ArcGIS\Permitting\State\PUC\Route_Permit\202408\Figures\Appleton_Benson_RP_Figures.aprx



0200400

Feet

1 inch = 400 feet

N

E

S

W

Appendix A

Appleton to Benson 115-kV Transmission Line Project

Detailed Route Maps

Swift County, Minnesota

Page 20 of 28

Proposed Upgrade 41.6-kV to 115-kV

100ft Right-of-Way

Proposed Route Width

Forest/Shrub Area

41.6-kV Transmission Line

Railroad

Snowmobile Trail

MDNR Hydrography Dataset Watercourse

NWI Wetland Community (Cowardin Classification)

PEM

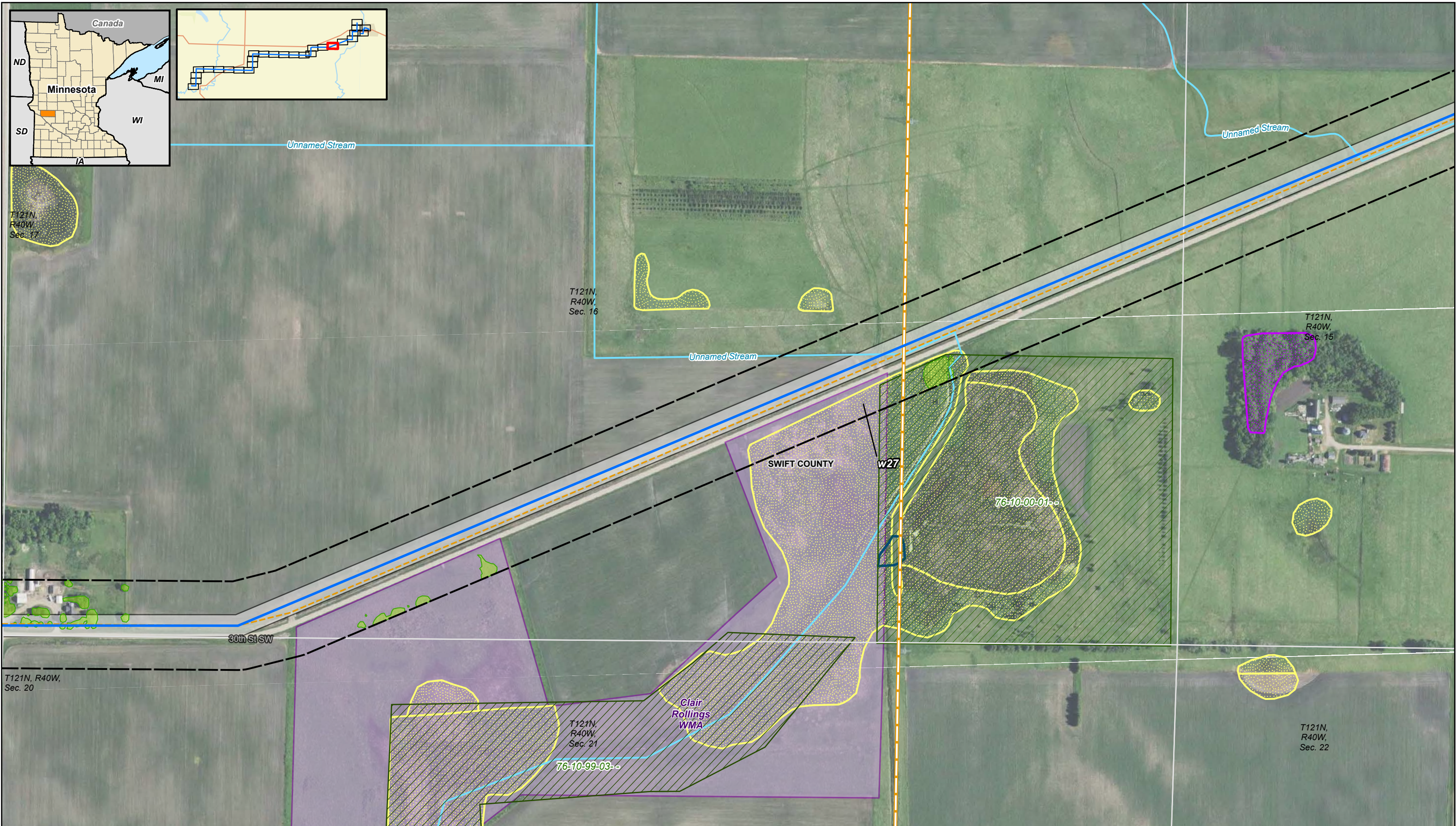
County Highway

State Highway

US Highway

Date: (10/28/2024)

Source: Z:\Clients\E_HIGRE\Appleton_Benson\ArcGIS\Permitting\State\PUC\Route_Permits\202408\Figures\Appleton_Benson_RP_Figures.aprx



0 200 400 Feet
1 inch = 400 feet

GREAT RIVER ENERGY

For Environmental Review Purposes Only

Appendix A

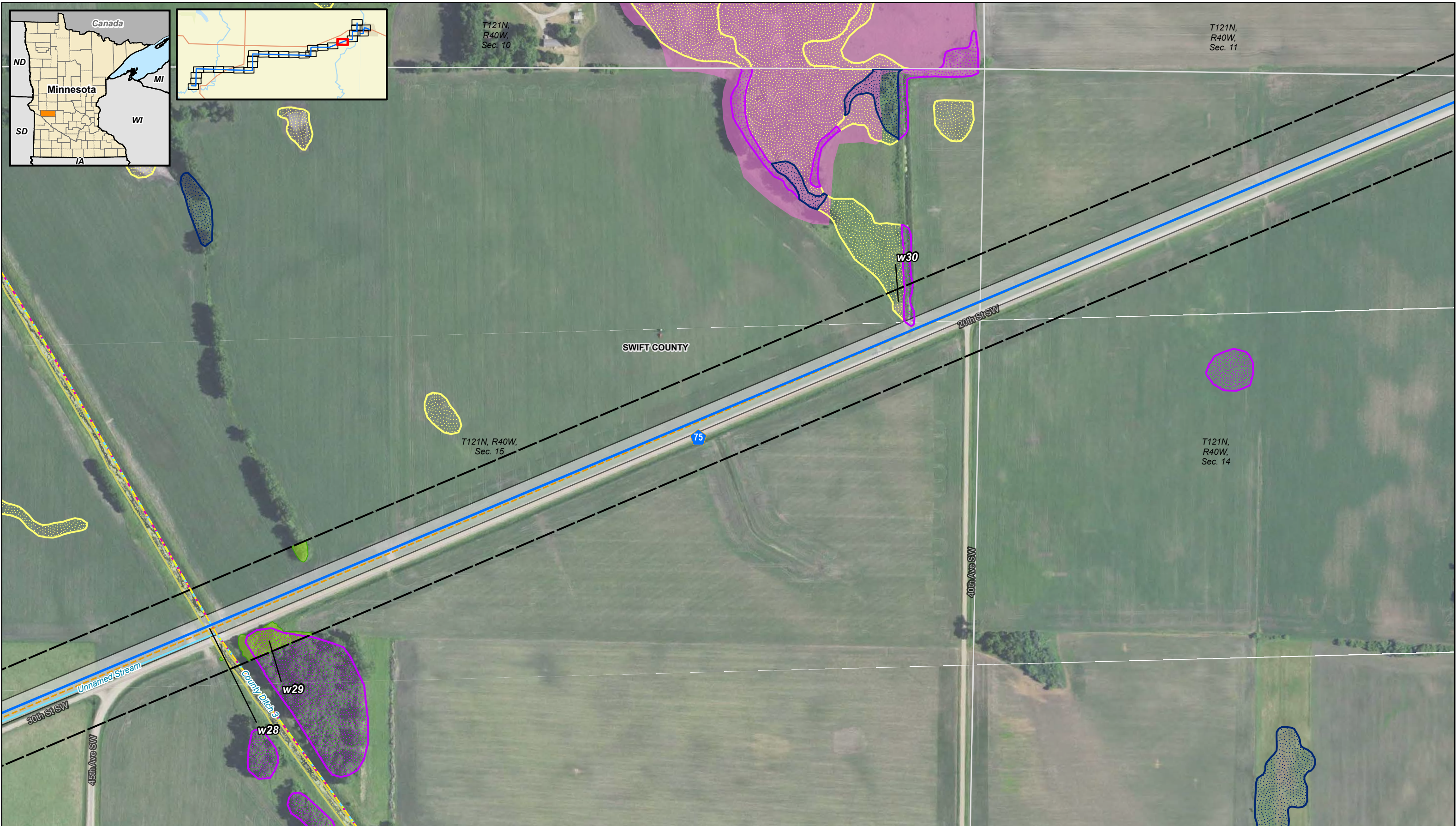
Appleton to Benson 115-kV Transmission Line Project

Detailed Route Maps

Swift County, Minnesota

Page 21 of 28

- | | | | |
|---|---|---|--|
| Proposed Upgrade 41.6-kV to 115-kV | 41.6-kV Transmission Line | NWI Wetland Community (Cowardin Classification)
PEM
PFO
BWSR Easement | MDNR Wildlife Management Area
County Highway
State Highway
US Highway |
| 100ft Right-of-Way
Proposed Route Width
Forest/Shrub Area | 230
MDNR Hydrography Dataset Watercourse
MDNR Hydrography Dataset Lake/Pond | | |



0200400

Feet

1 inch = 400 feet

GREAT RIVER ENERGY

For Environmental Review Purposes Only

N

W

E

S

Appendix A

Appleton to Benson 115-kV Transmission Line Project

Detailed Route Maps

Swift County, Minnesota

Page 22 of 28

<div><div>Proposed Upgrade 41.6-kV to 115-kV</div><div>100ft Right-of-Way</div><div>Proposed Route Width</div><div>Forest/Shrub Area</div></div>	<div><div>41.6-kV Transmission Line</div><div>Impaired Stream (2024)</div><div>PWI Watercourse</div><div>MDNR Hydrography Dataset Watercourse</div></div>	<div><div>NWI Wetland Community (Cowardin Classification)</div><div>PEM</div><div>PFO</div><div>PSS</div></div>	<div><div>R2U</div><div>PWI Basin</div><div>County Highway</div><div>State Highway</div><div>US Highway</div></div>
--	---	---	---



0200400

Feet

1 inch = 400 feet

GREAT RIVER ENERGY

For Environmental Review Purposes Only

N

W

E

S

Appendix A

Appleton to Benson 115-kV Transmission Line Project

Detailed Route Maps

Swift County, Minnesota

Page 23 of 28

Proposed Upgrade 41.6-kV to 115-kV

100ft Right-of-Way

Proposed Route Width

Forest/Shrub Area

41.6-kV Transmission Line

State Water Trail

Impaired Stream (2024)

PWI Watercourse

MDNR Hydrography Dataset Watercourse

NWI Wetland Community (Cowardin Classification)

PEM

PFO

PSS

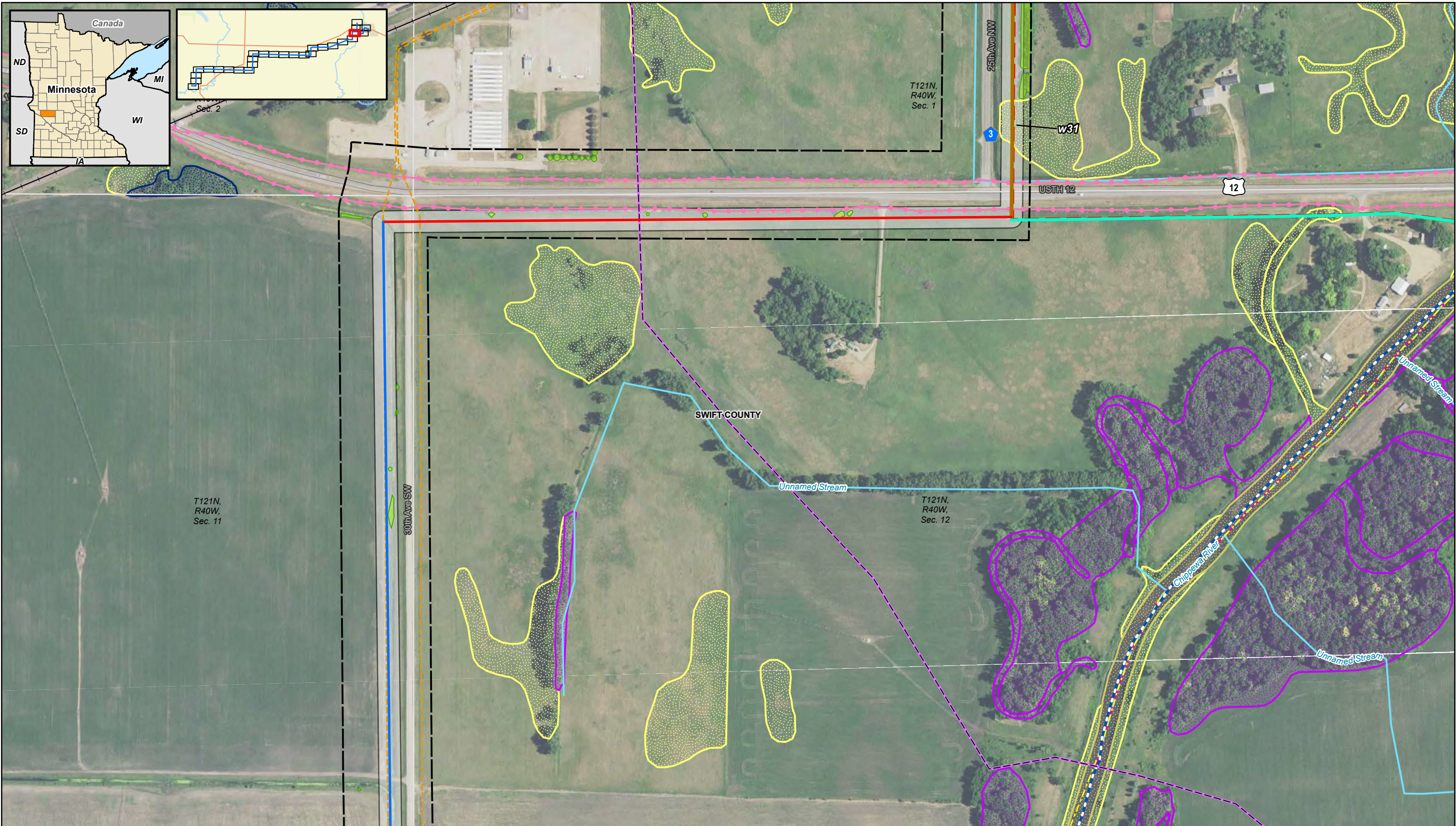
PUB

R2U

County Highway

State Highway

US Highway



0 200 400 Feet
1 inch = 400 feet

GREAT RIVER ENERGY

For Environmental Review Purposes Only

Appendix A

Appleton to Benson 115-kV Transmission Line Project

Detailed Route Maps

Swift County, Minnesota

Page 24 of 28

- | | | | | |
|---------------------------------------|--|---------------------------|--------------------------------------|----------------|
| Proposed New 115 kV Transmission Line | Proposed Removal of 115-kV Transmission Line | 41.6-kV Transmission Line | MDNR Hydrography Dataset Watercourse | PUB |
| Proposed Rebuild of Existing 115-kV | 100ft Right-of-Way | Railroad | State Water Trail | R2U |
| Proposed Upgrade 41.6-kV to 115-kV | Proposed Route Width | Snowmobile Trail | PEM | County Highway |
| | Forest/Shrub Area | Impaired Stream (2024) | PFO | State Highway |
| | Existing Natural Gas Pipeline | PWI Watercourse | PSS | US Highway |
| | GRE AG-BK 115-kV Line | | | |
- NWI Wetland Community (Cowardin Classification)
- Source: Z:\Clients\IE_HVGRE\Appleton_Benson\ArcGIS\Permitting\State\PUC\Route_Permits\202408\Figures\Appleton_Benson_RP_Figures.aprx
- Date: (10/28/2024)