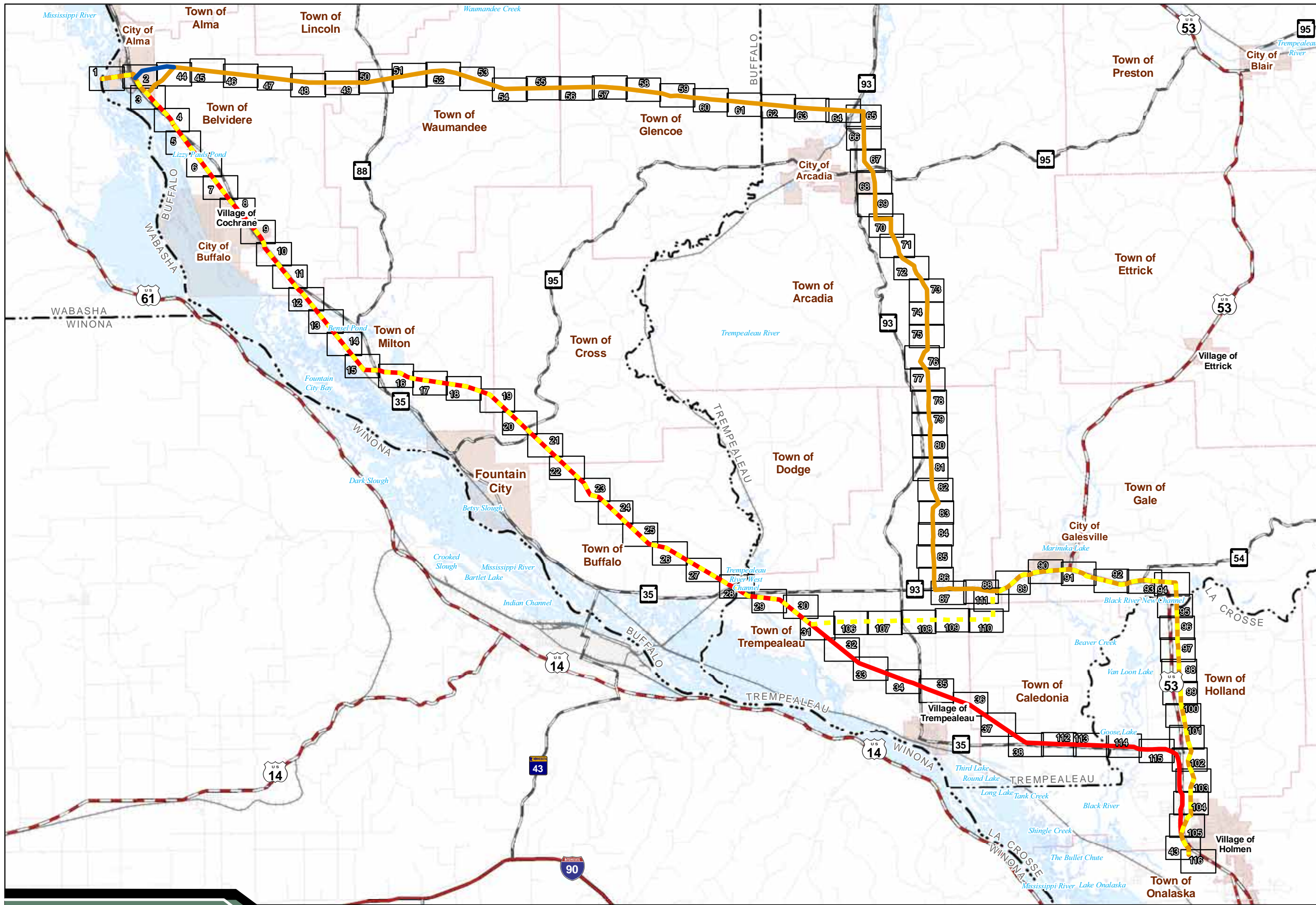


Appendix G – Environmental Maps From Final (June 2011) Wisconsin CPCN
Application



Project Overview

Legend

- Proposed Transmission Line Alternatives**
 - Q1-Highway 35 Route
 - Arcadia Route
 - Arcadia-Alma Option
 - Q1-Galesville Route
- Highways (BTS)**
 - Interstate Highway
 - US Highway
 - Slate Highway
- Jurisdiction (WDNR)**
 - City or Village
 - Town

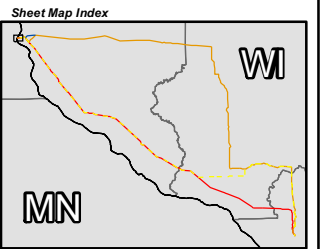
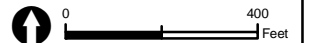


Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WVI, FCC, Platts, Census WI_CPCN_Sheetmap_Overview ENV P:200707180025.00_CAPX\GIS\Map\WI_CPCN\Sheetmaps P:200707180025.00_CAPX\GIS\Map\WI_CPCN\Sheetmaps

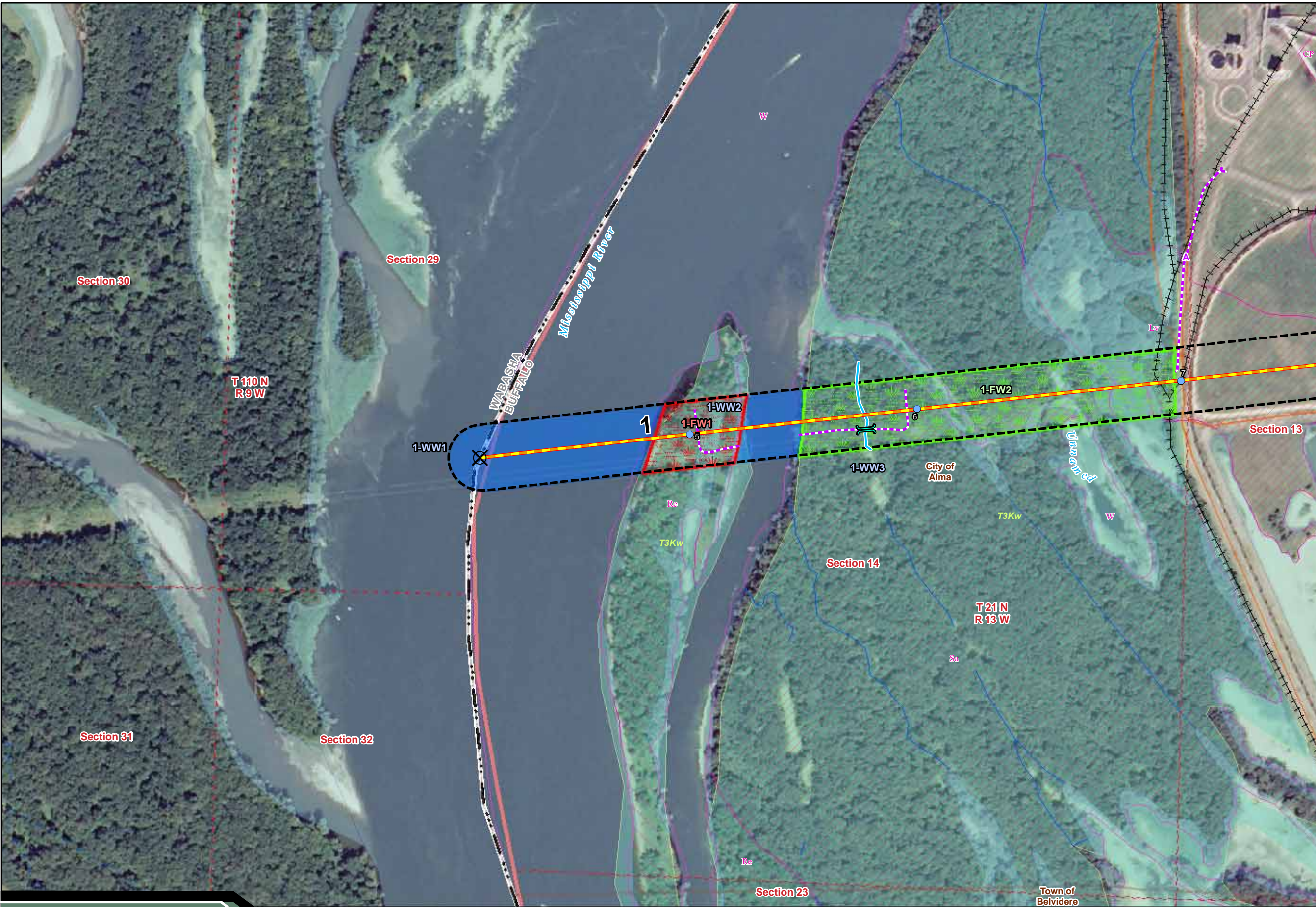
Sheet Map 1

Legend

- Proposed Transmission Line Alternatives**
 - Q1-Highway 35 Route
 - Arcadia Route
 - Arcadia-Alma Option
 - Q1-Galesville Route
- Project Features**
 - Transmission Line Structure
 - Segment Endpoint
 - Proposed Substation Siting Area
 - Right-of-Way
 - Access Route
- Access Route Waterway Crossings**
 - Temporary Clear Span Bridge
 - Miscellaneous Structure
- Identified Natural Resources**
 - Wetlands Delineated from Aerial Interp.
 - Field Sketched Wetlands
 - Field Sketched Open Water
 - Field Sketched Waterway
- Water Features (FEMA, WWI)**
 - FEMA Floodplain
 - Wisconsin Wetland Inventory
- WDNR 24K Hydrography**
 - Intermittent Stream
 - Perennial Stream
 - Waterbody
- NRCS Soils Survey Data**
 - Hydric Soils
 - Possible Hydric Inclusions
 - Non-Hydric Soils
- Jurisdiction (WDNR)**
 - State
 - County
 - Sections
 - City, Village or Town
- Distribution Lines**
 - Xcel Distribution Lines
 - Riverland Distribution Lines



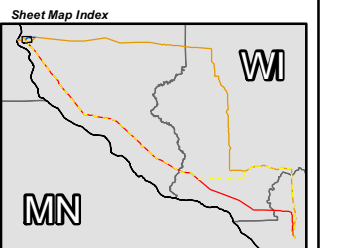
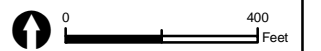
Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
 CapX2020 Environmental Figure
 Aerial Photography Published by National Agriculture Imagery Program (NAIP), 2008



Sheet Map 2

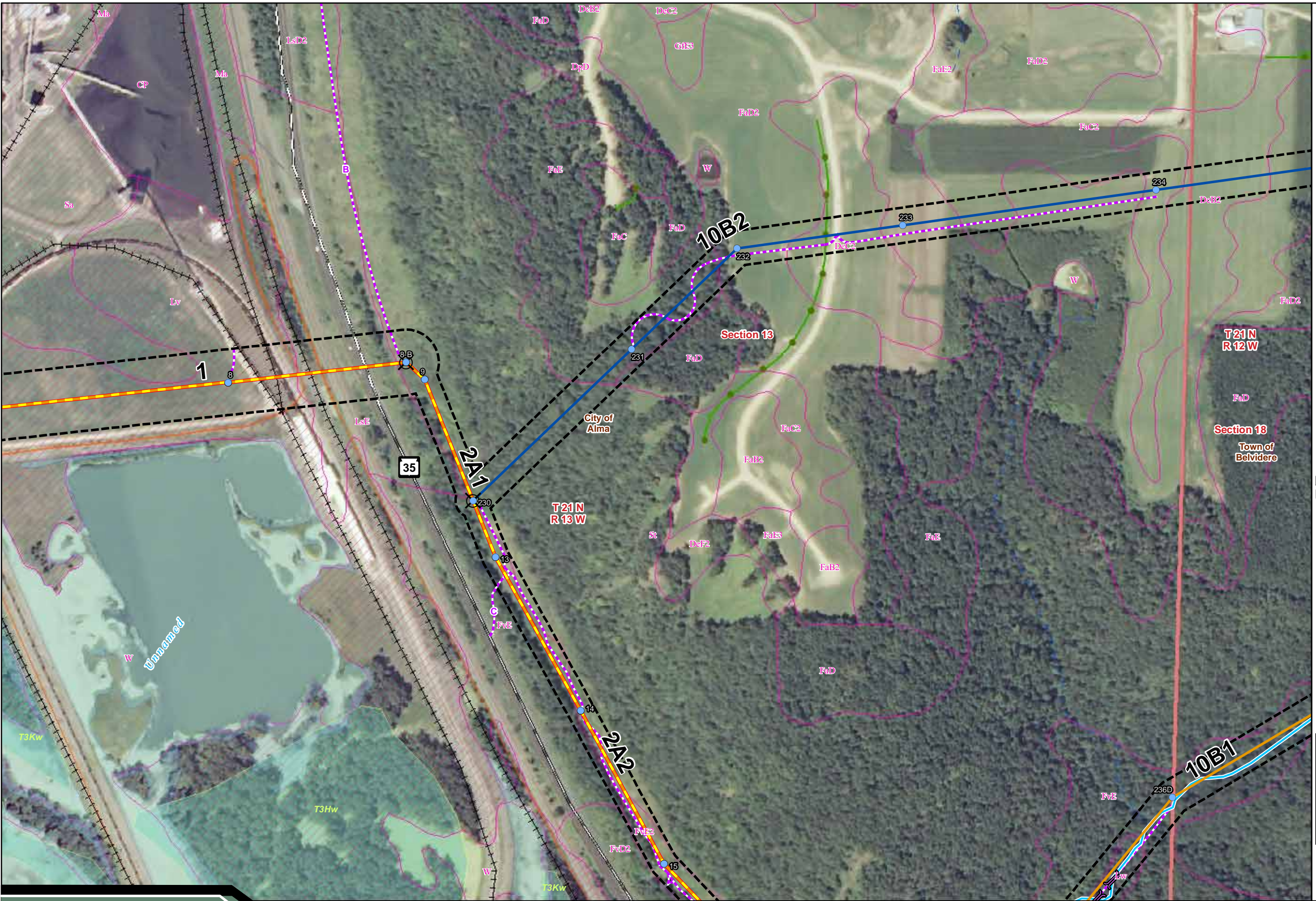
Legend

- Proposed Transmission Line Alternatives**
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 - Non-Hydric Soils
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 - Sections
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- Distribution Lines**
 - Xcel Distribution Lines
 - Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
 CapX2020 Environmental Figure

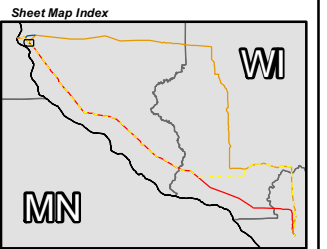
Aerial Photography Published by National Agriculture Imagery Program (NAIP), 2008



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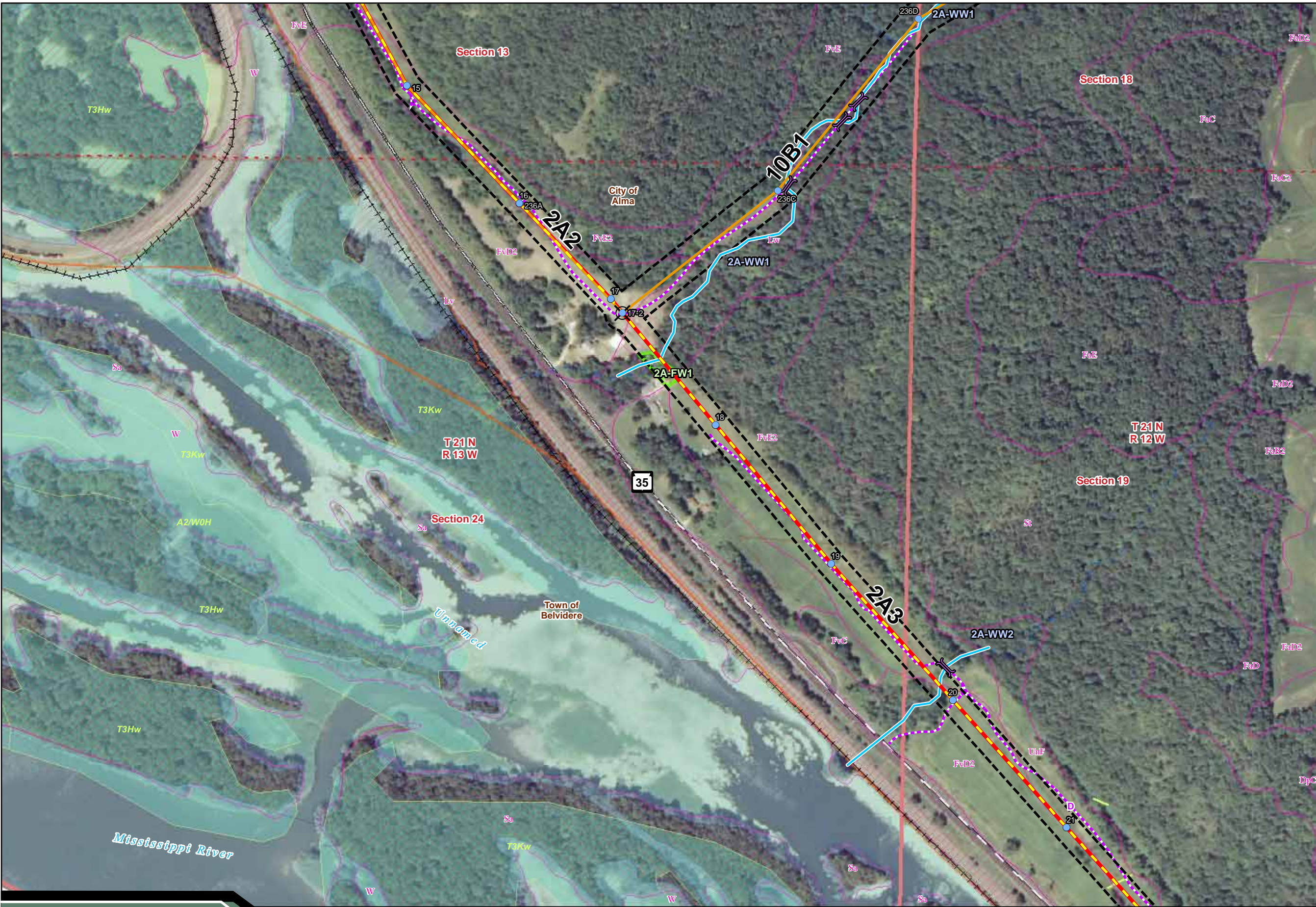
Legend

- Proposed Transmission Line Alternatives**
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 - Arcadia-Alma Option
 - Q1-Galesville Route
- Project Features**
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 - Xcel Distribution Lines
 - Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
 CapX2020 Environmental Figure

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Sheet Map 4

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- Proposed Substation Siting Area
- Right-of-Way
- Access Route

Access Route Waterway Crossings

- Temporary Clear Span Bridge
- Miscellaneous Structure

Identified Natural Resources

- Wetlands Delineated from Aerial Interpret.
- Field Sketched Wetlands
- Field Sketched Open Water
- Field Sketched Waterway

Water Features (FEMA, WWI)

- FEMA Floodplain
- Wisconsin Wetland Inventory

WDNR 24K Hydrography

- Intermittent Stream
- Perennial Stream
- Waterbody

NRCS Soils Survey Data

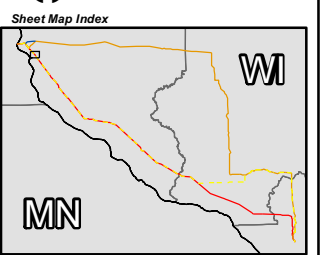
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- Possible Hydric Inclusions
- Non-Hydric Soils

Jurisdiction (WDNR)

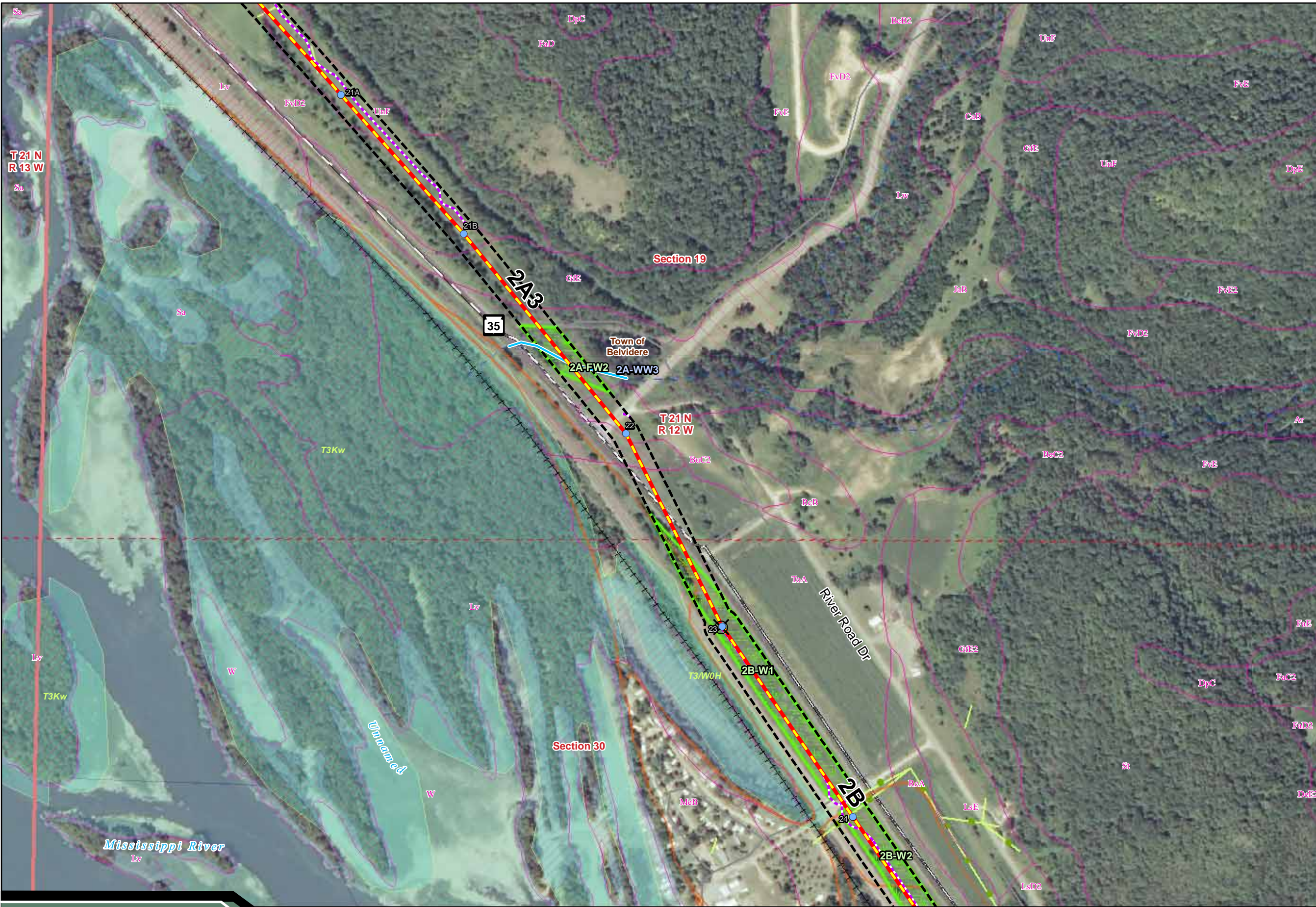
- State
- County
- Sections
- City, Village or Town

Distribution Lines

- Xcel Distribution Lines
- Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
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Sheet Map 5

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- Proposed Substation Siting Area
- ⊔ Right-of-Way
- - - Access Route

Access Route Waterway Crossings

- ⌢ Temporary Clear Span Bridge
- ⌢ Miscellaneous Structure

Identified Natural Resources

- ⊔ Wetlands Delineated from Aerial Interpret.
- ⊔ Field Sketched Wetlands
- ⊔ Field Sketched Open Water
- ⊔ Field Sketched Waterway

Water Features (FEMA, WWI)

- ⊔ FEMA Floodplain
- ⊔ Wisconsin Wetland Inventory

WDNR 24K Hydrography

- Intermittent Stream
- Perennial Stream
- ⊔ Waterbody

NRCS Soils Survey Data

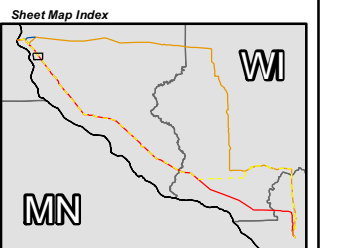
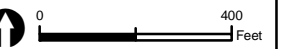
- ⊔ Hydric Soils
- ⊔ Possible Hydric Inclusions
- ⊔ Non-Hydric Soils

Jurisdiction (WDNR)

- ⊔ State
- ⊔ County
- ⊔ Sections
- ⊔ City, Village or Town

Distribution Lines

- Xcel Distribution Lines
- Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
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Sheet Map 6

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- Proposed Substation Siting Area
- Right-of-Way
- Access Route

Access Route Waterway Crossings

- Temporary Clear Span Bridge
- Miscellaneous Structure

Identified Natural Resources

- Wetlands Delineated from Aerial Interp.
- Field Sketched Wetlands
- Field Sketched Open Water
- Field Sketched Waterway

Water Features (FEMA, WWI)

- FEMA Floodplain
- Wisconsin Wetland Inventory

WDNR 24K Hydrography

- Intermittent Stream
- Perennial Stream
- Waterbody

NRCS Soils Survey Data

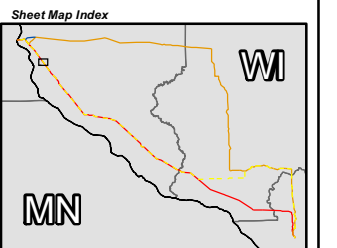
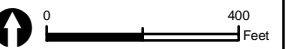
- Hydric Soils
- Possible Hydric Inclusions
- Non-Hydric Soils

Jurisdiction (WDNR)

- State
- County
- Sections
- City, Village or Town

Distribution Lines

- Xcel Distribution Lines
- Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
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Sheet Map 7

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- Proposed Substation Siting Area
- Right-of-Way
- Access Route

Access Route Waterway Crossings

- Temporary Clear Span Bridge
- Miscellaneous Structure

Identified Natural Resources

- Wetlands Delineated from Aerial Interpret.
- Field Sketched Wetlands
- Field Sketched Open Water
- Field Sketched Waterway

Water Features (FEMA, WWI)

- FEMA Floodplain
- Wisconsin Wetland Inventory

WDNR 24K Hydrography

- Intermittent Stream
- Perennial Stream
- Waterbody

NRCS Soils Survey Data

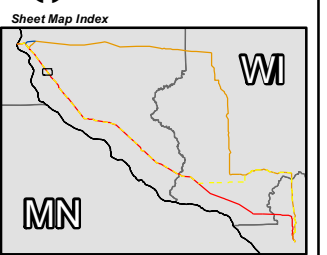
- Hydric Soils
- Possible Hydric Inclusions
- Non-Hydric Soils

Jurisdiction (WDNR)

- State
- County
- Sections
- City, Village or Town

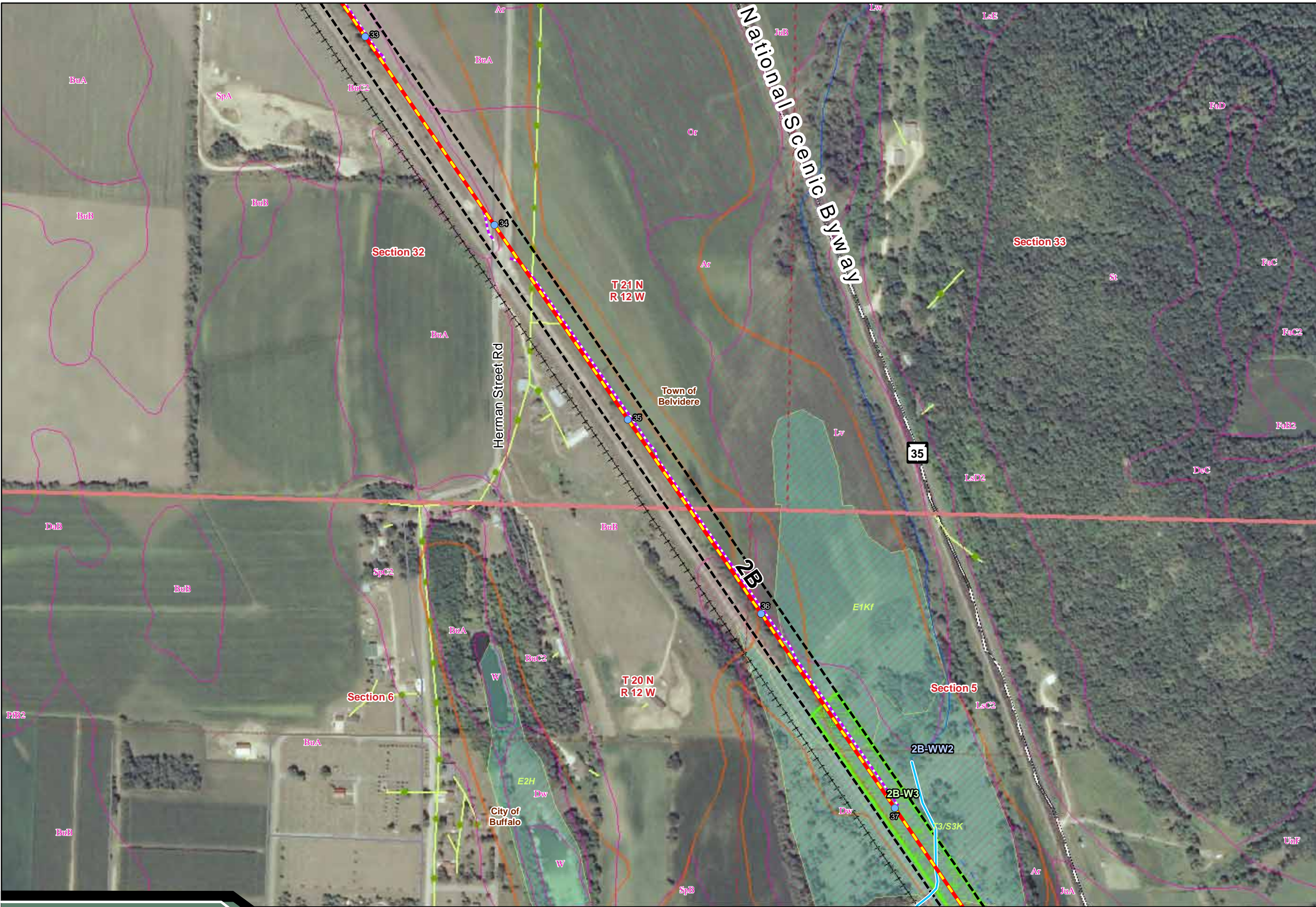
Distribution Lines

- Xcel Distribution Lines
- Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
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Sheet Map 8

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- Proposed Substation Siting Area
- Right-of-Way
- Access Route

Access Route Waterway Crossings

- Temporary Clear Span Bridge
- Miscellaneous Structure

Identified Natural Resources

- Wetlands Delineated from Aerial Interp.
- Field Sketched Wetlands
- Field Sketched Open Water
- Field Sketched Waterway

Water Features (FEMA, WWI)

- FEMA Floodplain
- Wisconsin Wetland Inventory

WDNR 24K Hydrography

- Intermittent Stream
- Perennial Stream
- Waterbody

NRCS Soils Survey Data

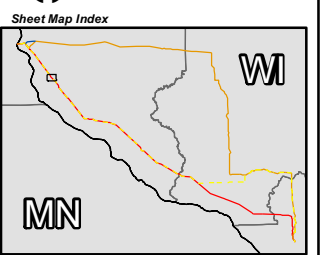
- Hydric Soils
- Possible Hydric Inclusions
- Non-Hydric Soils

Jurisdiction (WDNR)

- State
- County
- Sections
- City, Village or Town

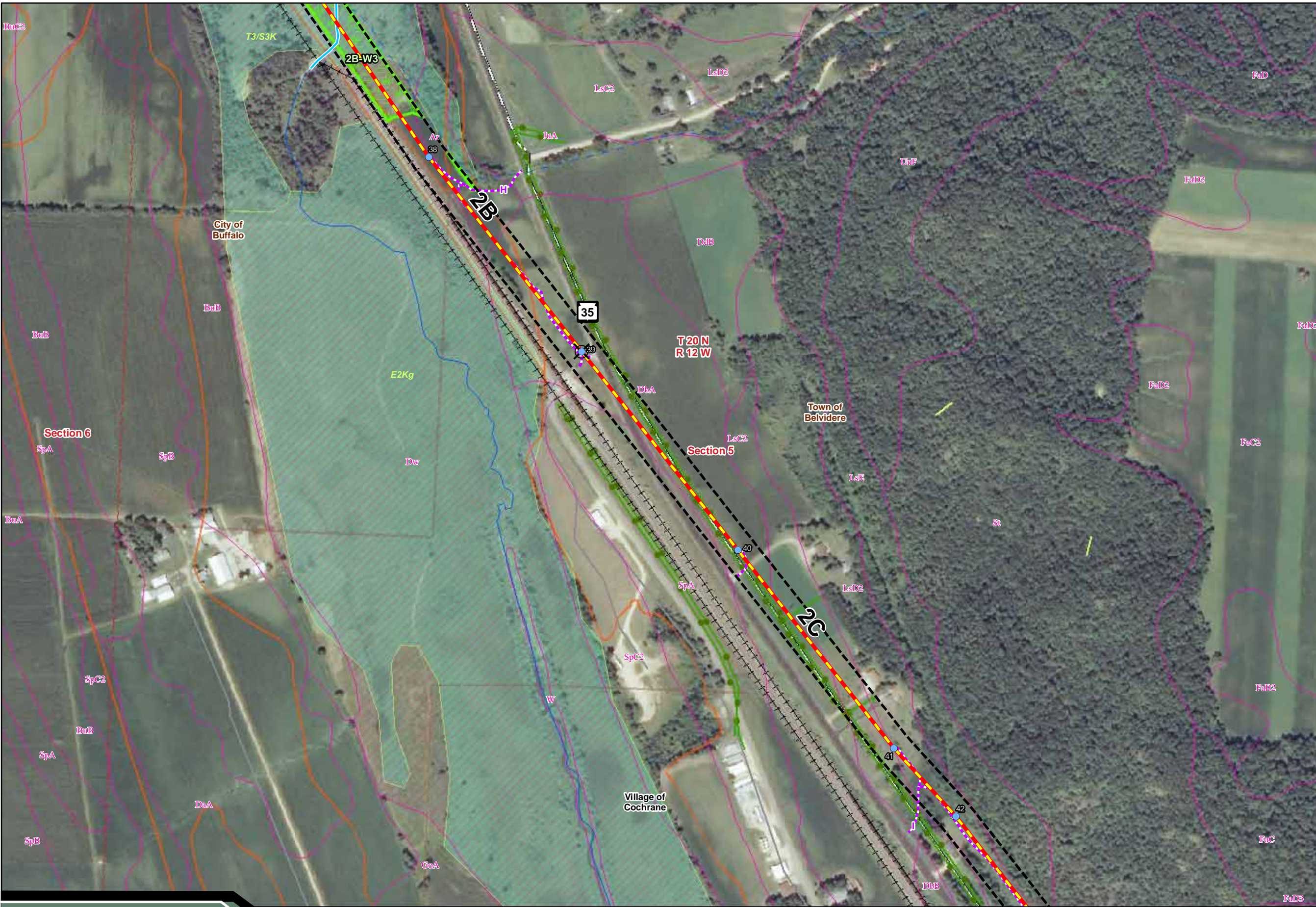
Distribution Lines

- Xcel Distribution Lines
- Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
CapX2020 Environmental Figure

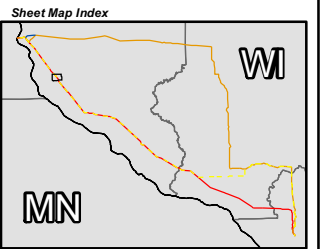
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Sheet Map 9

Legend

- Proposed Transmission Line Alternatives**
 - Q1-Highway 35 Route
 - Arcadia Route
 - Arcadia-Alma Option
 - Q1-Galesville Route
- Project Features**
 - Transmission Line Structure
 - Segment Endpoint
 - Proposed Substation Siting Area
 - Right-of-Way
 - Access Route
- Access Route Waterway Crossings**
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 - Miscellaneous Structure
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 - Field Sketched Waterway
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 - Wisconsin Wetland Inventory
- WDNR 24K Hydrography**
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 - Perennial Stream
 - Waterbody
- NRCS Soils Survey Data**
 - Hydric Soils
 - Possible Hydric Inclusions
 - Non-Hydric Soils
- Jurisdiction (WDNR)**
 - State
 - County
 - Sections
 - City, Village or Town
- Distribution Lines**
 - Xcel Distribution Lines
 - Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
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Sheet Map 10

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- Proposed Substation Siting Area
- Right-of-Way
- Access Route

Access Route Waterway Crossings

- ⌢ Temporary Clear Span Bridge
- ⌢ Miscellaneous Structure

Identified Natural Resources

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- Field Sketched Open Water
- Field Sketched Waterway

Water Features (FEMA, WWI)

- FEMA Floodplain
- Wisconsin Wetland Inventory

WDNR 24K Hydrography

- Intermittent Stream
- Perennial Stream
- Waterbody

NRCS Soils Survey Data

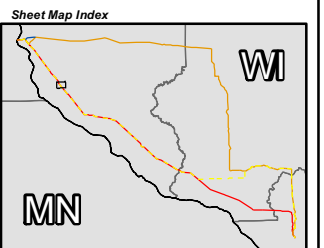
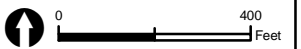
- Hydric Soils
- Possible Hydric Inclusions
- Non-Hydric Soils

Jurisdiction (WDNR)

- State
- County
- Sections
- City, Village or Town

Distribution Lines

- Xcel Distribution Lines
- Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
CapX2020 Environmental Figure

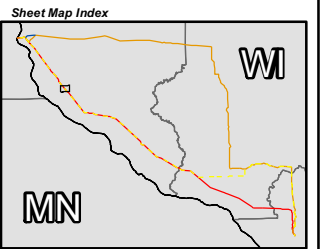
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Sheet Map 11

Legend

- Proposed Transmission Line Alternatives**
 - Q1-Highway 35 Route
 - Arcadia Route
 - Arcadia-Alma Option
 - Q1-Galesville Route
- Project Features**
 - Transmission Line Structure
 - Segment Endpoint
 - Proposed Substation Siting Area
 - Right-of-Way
 - Access Route
- Access Route Waterway Crossings**
 - Temporary Clear Span Bridge
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Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
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Sheet Map 12

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
- Segment Endpoint
- Proposed Substation Siting Area
- Right-of-Way
- Access Route

Access Route Waterway Crossings

- Temporary Clear Span Bridge
- Miscellaneous Structure

Identified Natural Resources

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Water Features (FEMA, WWI)

- FEMA Floodplain
- Wisconsin Wetland Inventory

WDNR 24K Hydrography

- Intermittent Stream
- Perennial Stream
- Waterbody

NRCS Soils Survey Data

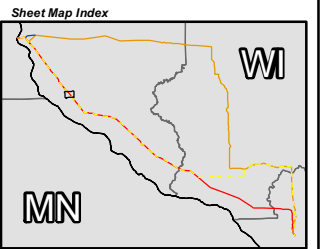
- Hydric Soils
- Possible Hydric Inclusions
- Non-Hydric Soils

Jurisdiction (WDNR)

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- Sections
- City, Village or Town

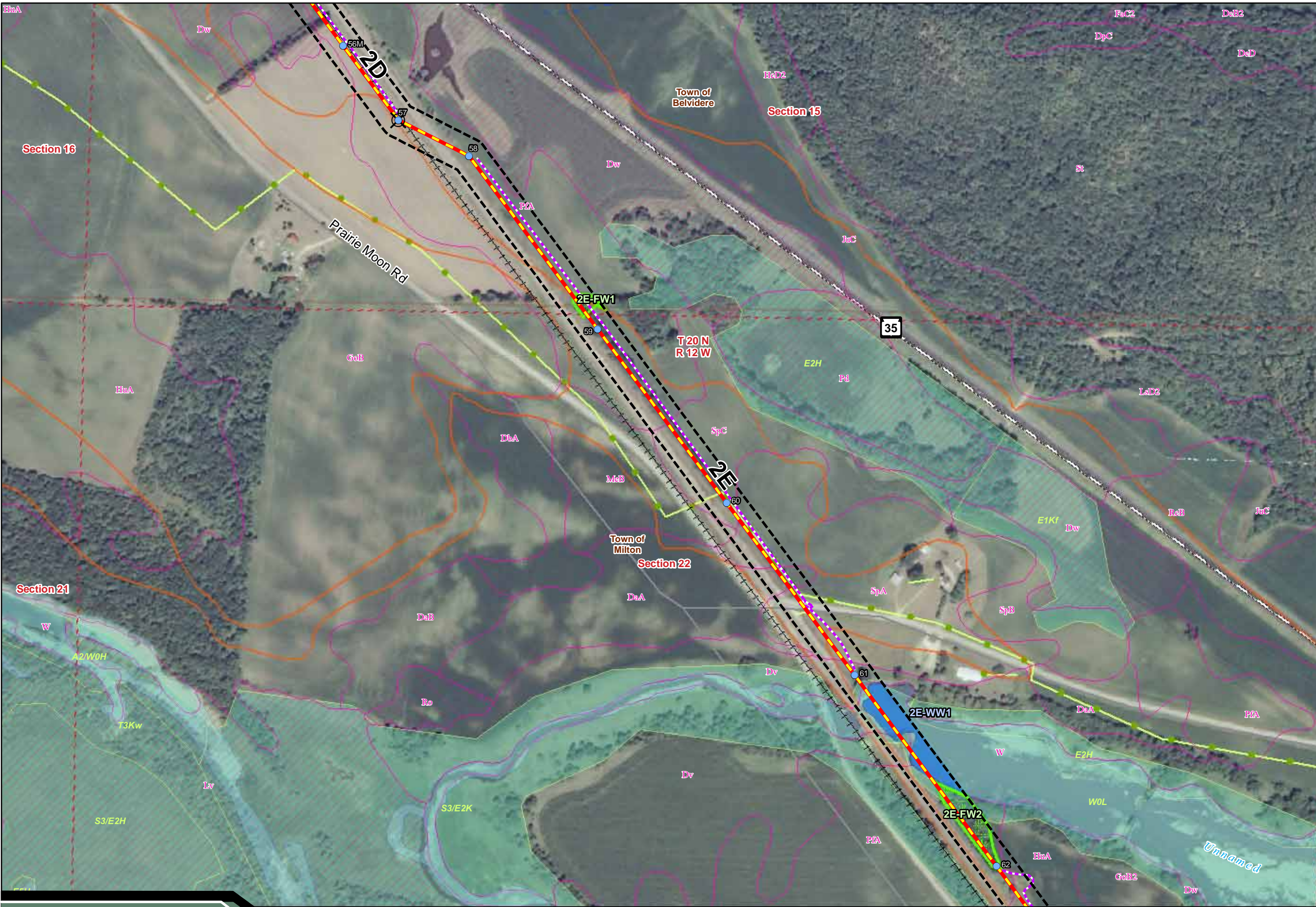
Distribution Lines

- Xcel Distribution Lines
- Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
CapX2020 Environmental Figure

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Sheet Map 13

Legend

- Proposed Transmission Line Alternatives**
- Q1-Highway 35 Route
 - Arcadia Route
 - Arcadia-Alma Option
 - Q1-Galesville Route

- Project Features**
- Transmission Line Structure
 - Segment Endpoint
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 - Right-of-Way
 - Access Route

- Access Route Waterway Crossings**
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 - Miscellaneous Structure

- Identified Natural Resources**
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 - Field Sketched Wetlands
 - Field Sketched Open Water
 - Field Sketched Waterway

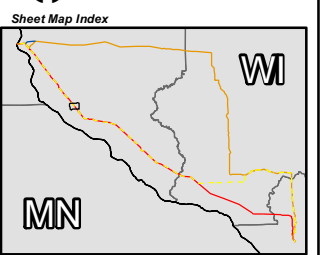
- Water Features (FEMA, WWI)**
- FEMA Floodplain
 - Wisconsin Wetland Inventory

- WDNR 24K Hydrography**
- Intermittent Stream
 - Perennial Stream
 - Waterbody

- NRCS Soils Survey Data**
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 - Non-Hydric Soils

- Jurisdiction (WDNR)**
- State
 - County
 - Sections
 - City, Village or Town

- Distribution Lines**
- Xcel Distribution Lines
 - Riverland Distribution Lines

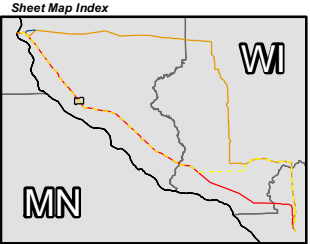


Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
 CapX2020 Environmental Figure

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- Legend**
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- Xcel Distribution Lines
 - Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stanlec
 CapX2020 Environmental Figure

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Sheet Map 15

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
- Segment Endpoint
- Proposed Substation Siting Area
- Right-of-Way
- Access Route

Access Route Waterway Crossings

- Temporary Clear Span Bridge
- Miscellaneous Structure

Identified Natural Resources

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- Field Sketched Open Water
- Field Sketched Waterway

Water Features (FEMA, WWI)

- FEMA Floodplain
- Wisconsin Wetland Inventory

WDNR 24K Hydrography

- Intermittent Stream
- Perennial Stream
- Waterbody

NRCS Soils Survey Data

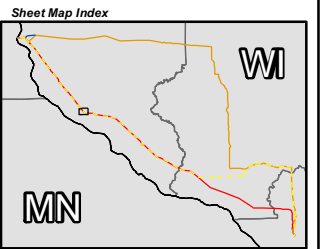
- Hydric Soils
- Possible Hydric Inclusions
- Non-Hydric Soils

Jurisdiction (WDNR)

- State
- County
- Sections
- City, Village or Town

Distribution Lines

- Xcel Distribution Lines
- Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
CapX2020 Environmental Figure

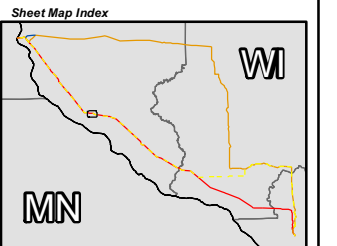
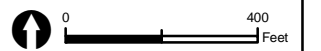
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Sheet Map 16

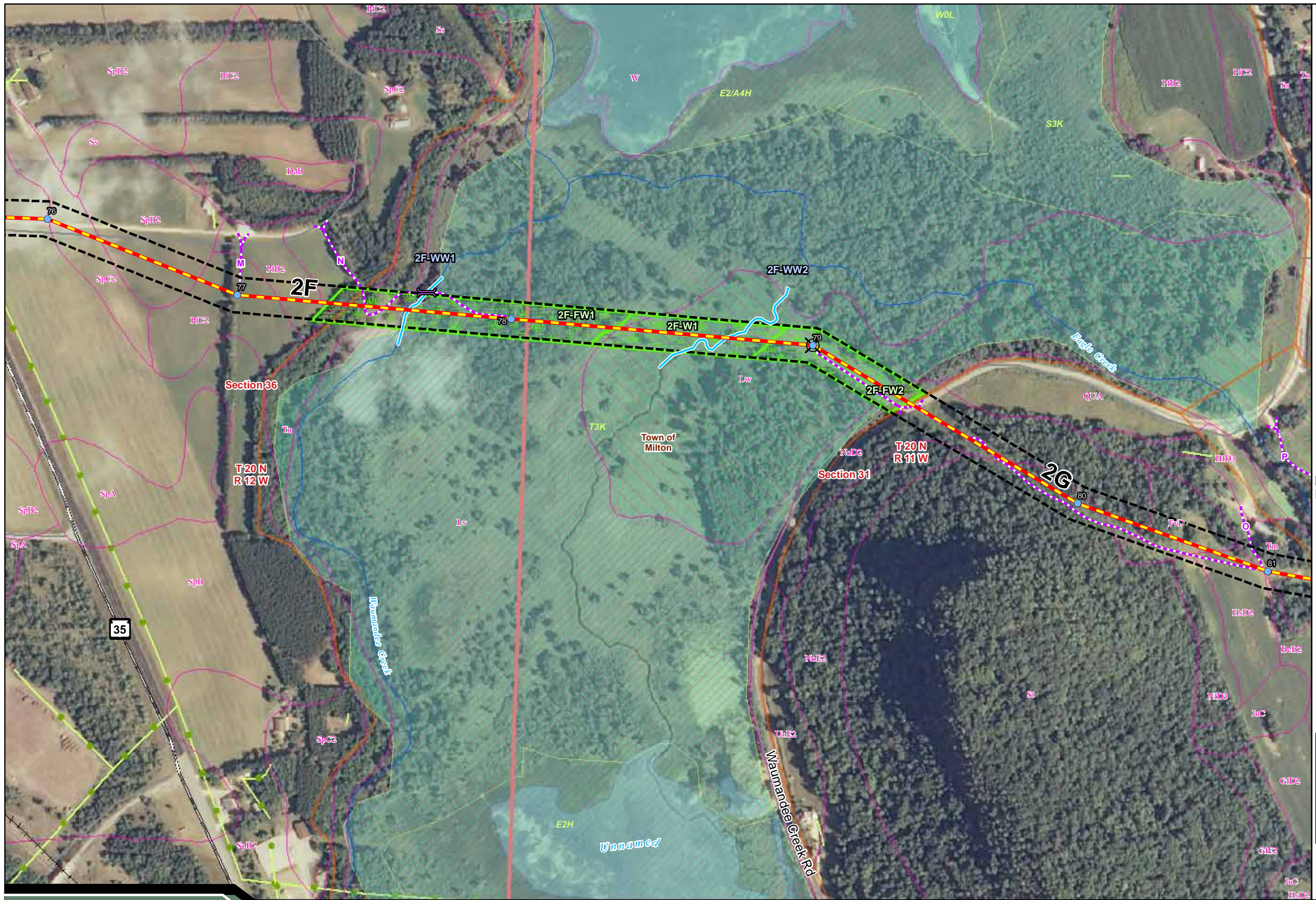
Legend

- Proposed Transmission Line Alternatives**
 - Q1-Highway 35 Route
 - Arcadia Route
 - Arcadia-Alma Option
 - Q1-Galesville Route
- Project Features**
 - Transmission Line Structure
 - Segment Endpoint
 - Proposed Substation Siting Area
 - Right-of-Way
 - Access Route
- Access Route Waterway Crossings**
 - Temporary Clear Span Bridge
 - Miscellaneous Structure
- Identified Natural Resources**
 - Wetlands Delineated from Aerial Interpret.
 - Field Sketched Wetlands
 - Field Sketched Open Water
 - Field Sketched Waterway
- Water Features (FEMA, WWI)**
 - FEMA Floodplain
 - Wisconsin Wetland Inventory
- WDNR 24K Hydrography**
 - Intermittent Stream
 - Perennial Stream
 - Waterbody
- NRCS Soils Survey Data**
 - Hydic Soils
 - Possible Hydic Inclusions
 - Non-Hydic Soils
- Jurisdiction (WDNR)**
 - State
 - County
 - Sections
 - City, Village or Town
- Distribution Lines**
 - Xcel Distribution Lines
 - Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
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Sheet Map 17

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- Proposed Substation Siting Area
- Right-of-Way
- - - Access Route

Access Route Waterway Crossings

- Temporary Clear Span Bridge
- Miscellaneous Structure

Identified Natural Resources

- Wetlands Delineated from Aerial Interp.
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- Field Sketched Open Water
- Field Sketched Waterway

Water Features (FEMA, WWI)

- FEMA Floodplain
- Wisconsin Wetland Inventory

WDNR 24K Hydrography

- Intermittent Stream
- Perennial Stream
- Waterbody

NRCS Soils Survey Data

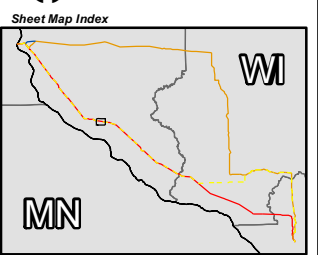
- Hydric Soils
- Possible Hydric Inclusions
- Non-Hydric Soils

Jurisdiction (WDNR)

- State
- County
- Sections
- City, Village or Town

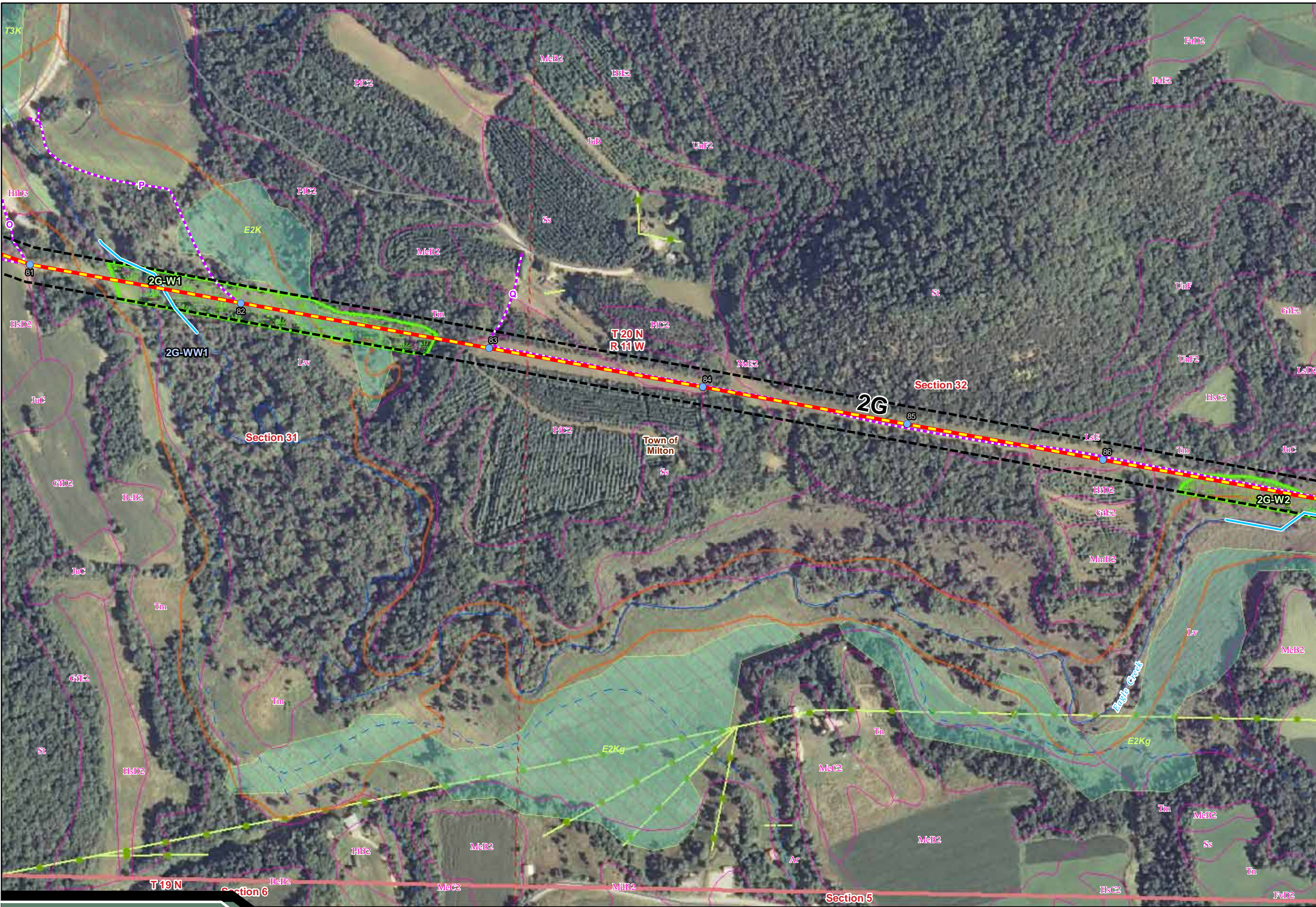
Distribution Lines

- Xcel Distribution Lines
- Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
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Sheet Map 18

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- Proposed Substation Siting Area
- Right-of-Way
- Access Route

Access Route Waterway Crossings

- Temporary Clear Span Bridge
- Miscellaneous Structure

Identified Natural Resources

- Wetlands Delineated from Aerial Interpret.
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- Field Sketched Open Water
- Field Sketched Waterway

Water Features (FEMA, WWI)

- FEMA Floodplain
- Wisconsin Wetland Inventory

WDNR 24K Hydrography

- Intermittent Stream
- Perennial Stream
- Waterbody

NRCS Soils Survey Data

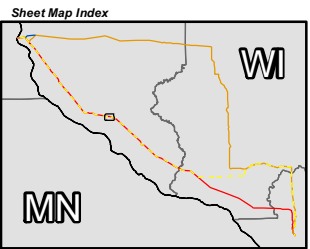
- Hydric Soils
- Possible Hydric Inclusions
- Non-Hydric Soils

Jurisdiction (WDNR)

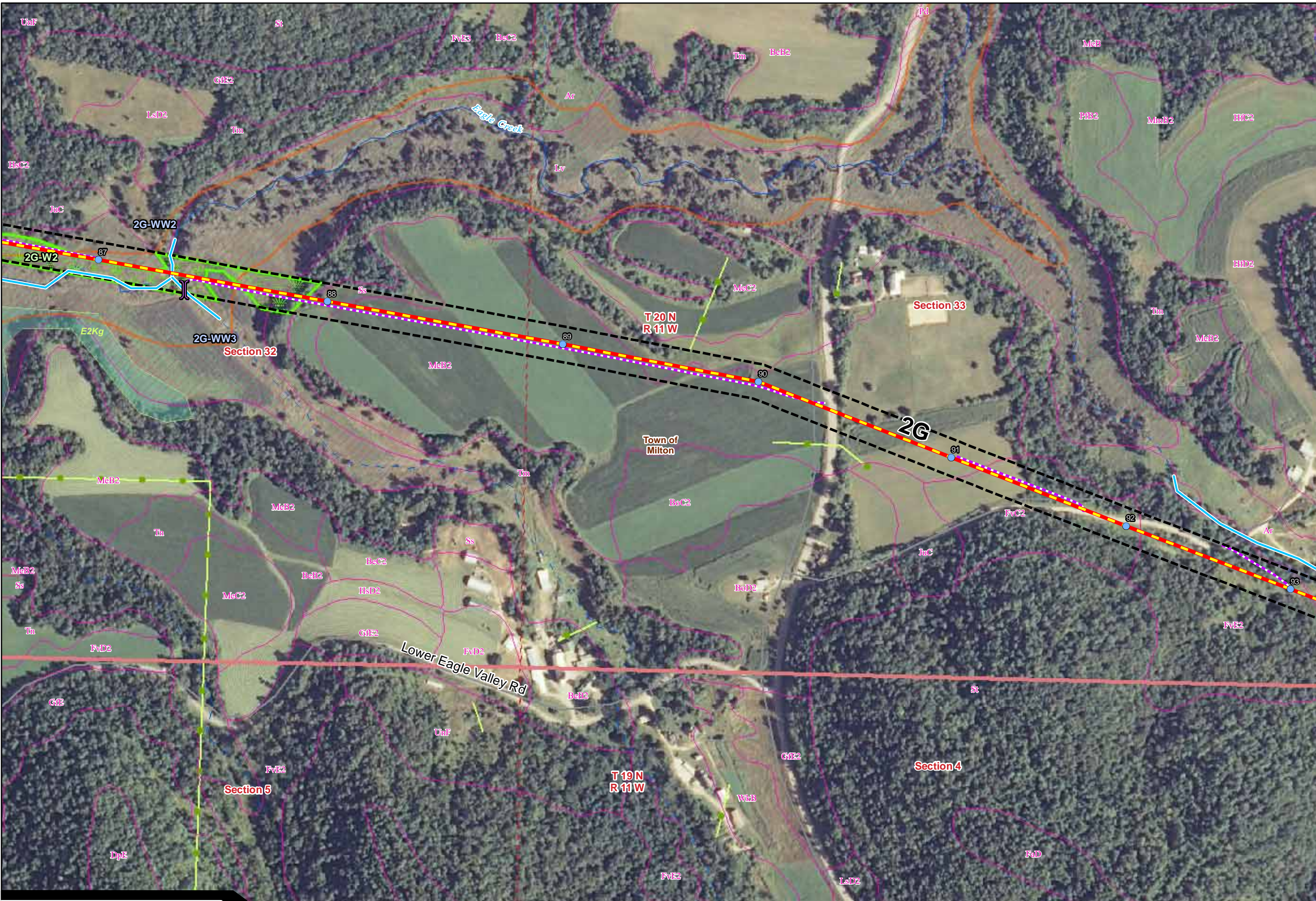
- State
- County
- Sections
- City, Village or Town

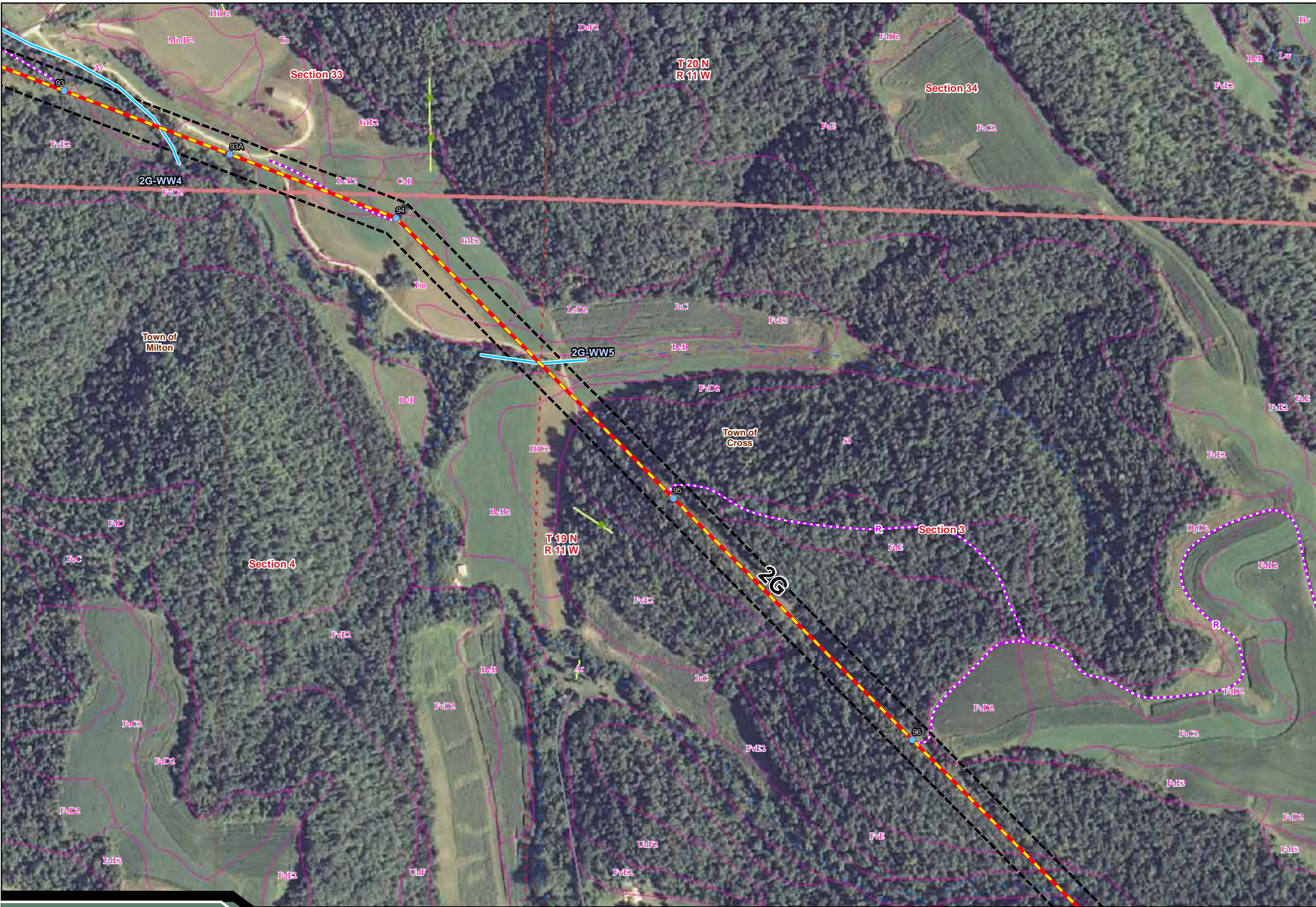
Distribution Lines

- Xcel Distribution Lines
- Riverland Distribution Lines

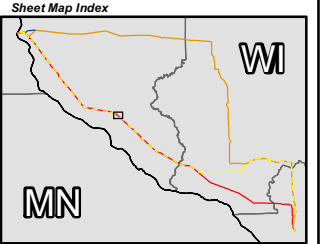


Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
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- Legend**
- Proposed Transmission Line Alternatives**
- Q1-Highway 35 Route
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 - Arcadia-Alma Option
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- Jurisdiction (WDNR)**
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 - Sections
 - City, Village or Town
- Distribution Lines**
- Xcel Distribution Lines
 - Riverland Distribution Lines

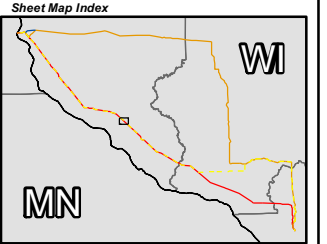


Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
 CapX2020 Environmental Figure
 Aerial Photography Published by National Agriculture Imagery Program (NAIP), 2008

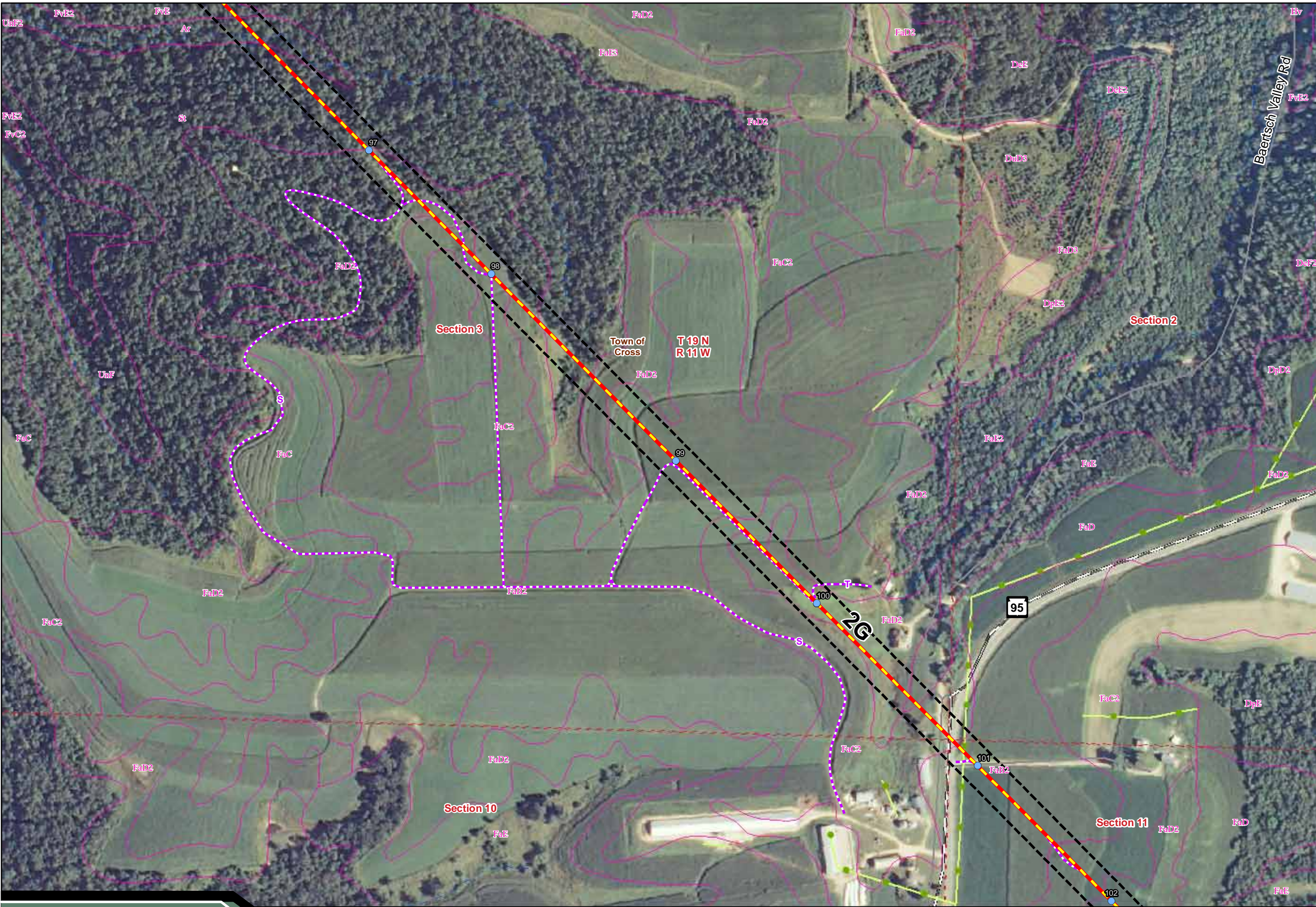
Sheet Map 20

Legend

- Proposed Transmission Line Alternatives**
 - Q1-Highway 35 Route
 - Arcadia Route
 - Arcadia-Alma Option
 - Q1-Galesville Route
- Project Features**
 - Transmission Line Structure
 - Segment Endpoint
 - Proposed Substation Siting Area
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 - Non-Hydic Soils
- Jurisdiction (WDNR)**
 - State
 - County
 - Sections
 - City, Village or Town
- Distribution Lines**
 - Xcel Distribution Lines
 - Riverland Distribution Lines



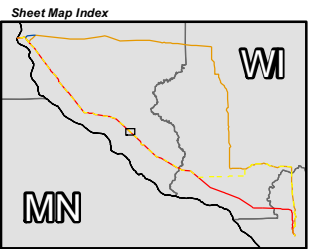
Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
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Sheet Map 21

Legend

- Proposed Transmission Line Alternatives**
 - Q1-Highway 35 Route
 - Arcadia Route
 - Arcadia-Alma Option
 - Q1-Galesville Route
- Project Features**
 - Transmission Line Structure
 - Segment Endpoint
 - Proposed Substation Siting Area
 - Right-of-Way
 - Access Route
- Access Route Waterway Crossings**
 - Temporary Clear Span Bridge
 - Miscellaneous Structure
- Identified Natural Resources**
 - Wetlands Delineated from Aerial Interp.
 - Field Sketched Wetlands
 - Field Sketched Open Water
 - Field Sketched Waterway
- Water Features (FEMA, WWI)**
 - FEMA Floodplain
 - Wisconsin Wetland Inventory
- WDNR 24K Hydrography**
 - Intermittent Stream
 - Perennial Stream
 - Waterbody
- NRCS Soils Survey Data**
 - Hydric Soils
 - Possible Hydric Inclusions
 - Non-Hydric Soils
- Jurisdiction (WDNR)**
 - State
 - County
 - Sections
 - City, Village or Town
- Distribution Lines**
 - Xcel Distribution Lines
 - Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
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Sheet Map 22

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
- Segment Endpoint
- Proposed Substation Siting Area
- Right-of-Way
- Access Route

Access Route Waterway Crossings

- Temporary Clear Span Bridge
- Miscellaneous Structure

Identified Natural Resources

- Wetlands Delineated from Aerial Interpret.
- Field Sketched Wetlands
- Field Sketched Open Water
- Field Sketched Waterway

Water Features (FEMA, WWI)

- FEMA Floodplain
- Wisconsin Wetland Inventory

WDNR 24K Hydrography

- Intermittent Stream
- Perennial Stream
- Waterbody

NRCS Soils Survey Data

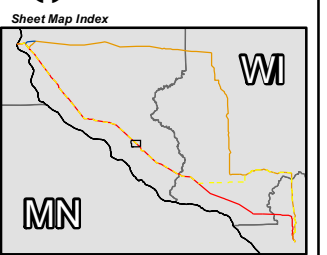
- Hydric Soils
- Possible Hydric Inclusions
- Non-Hydric Soils

Jurisdiction (WDNR)

- State
- County
- Sections
- City, Village or Town

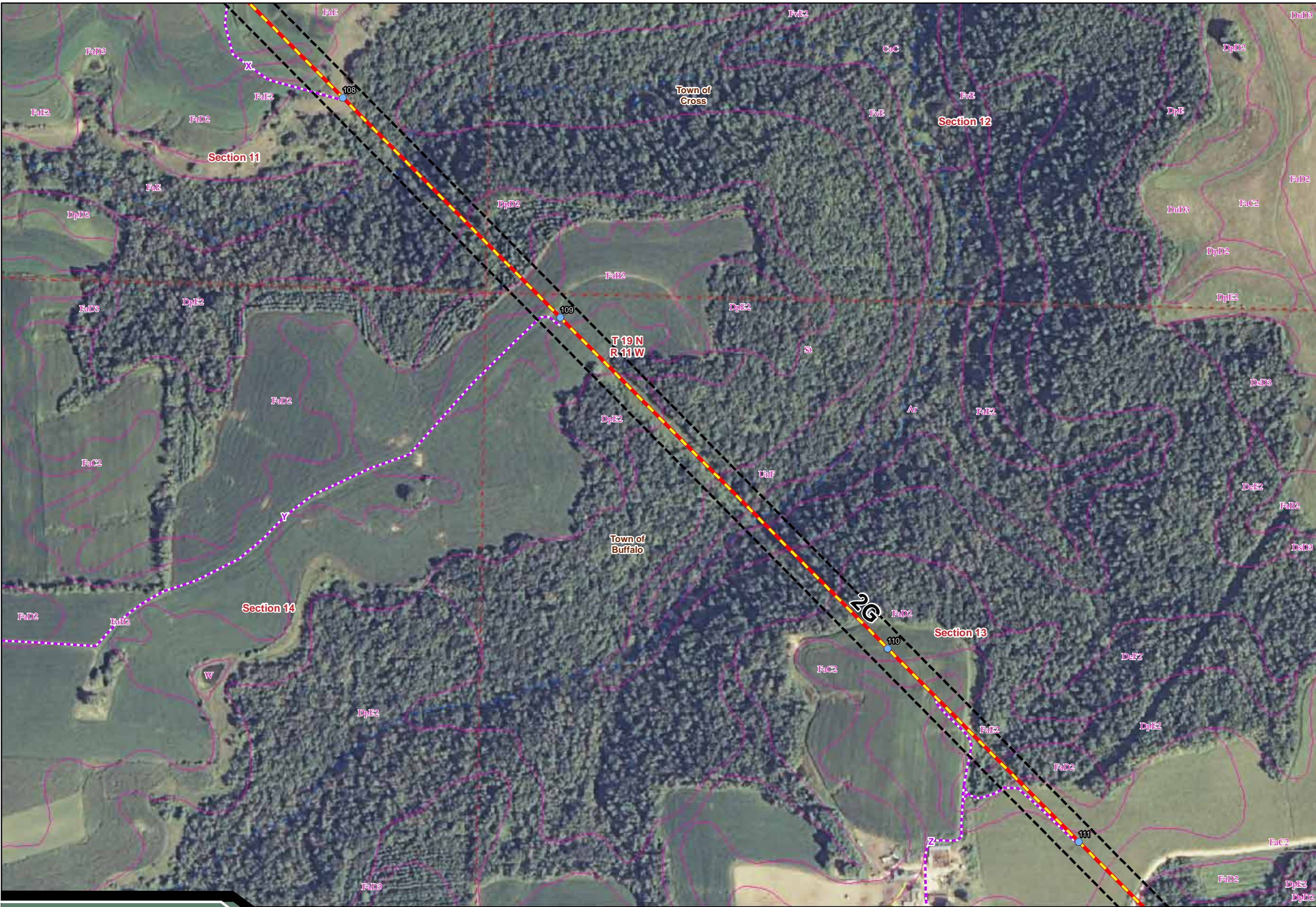
Distribution Lines

- Xcel Distribution Lines
- Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
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Sheet Map 23

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
- Segment Endpoint
- Proposed Substation Siting Area
- Right-of-Way
- Access Route

Access Route Waterway Crossings

- Temporary Clear Span Bridge
- Miscellaneous Structure

Identified Natural Resources

- Wetlands Delineated from Aerial Interpret.
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- Field Sketched Open Water
- Field Sketched Waterway

Water Features (FEMA, WWI)

- FEMA Floodplain
- Wisconsin Wetland Inventory

WDNR 24K Hydrography

- Intermittent Stream
- Perennial Stream
- Waterbody

NRCS Soils Survey Data

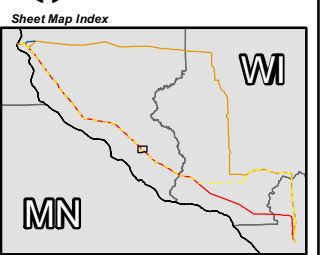
- Hydric Soils
- Possible Hydric Inclusions
- Non-Hydric Soils

Jurisdiction (WDNR)

- State
- County
- Sections
- City, Village or Town

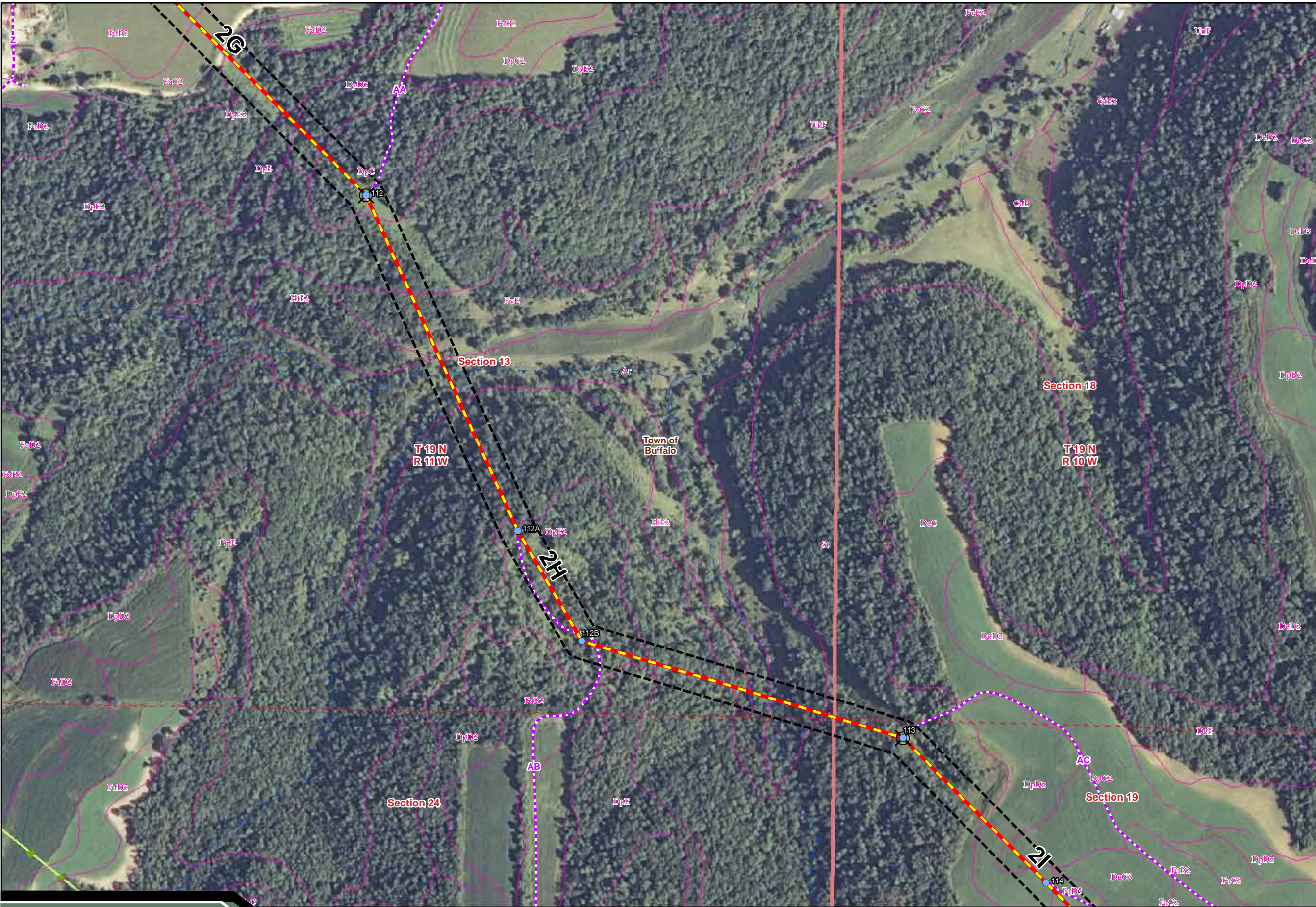
Distribution Lines

- Xcel Distribution Lines
- Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
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Sheet Map 24

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- Proposed Substation Siting Area
- Right-of-Way
- Access Route

Access Route Waterway Crossings

- Temporary Clear Span Bridge
- Miscellaneous Structure

Identified Natural Resources

- Wetlands Delineated from Aerial Interp.
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- Field Sketched Open Water
- Field Sketched Waterway

Water Features (FEMA, WWI)

- FEMA Floodplain
- Wisconsin Wetland Inventory

WDNR 24K Hydrography

- Intermittent Stream
- Perennial Stream
- Waterbody

NRCS Soils Survey Data

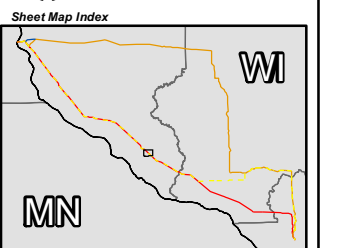
- Hydric Soils
- Possible Hydric Inclusions
- Non-Hydric Soils

Jurisdiction (WDNR)

- State
- County
- Sections
- City, Village or Town

Distribution Lines

- Xcel Distribution Lines
- Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
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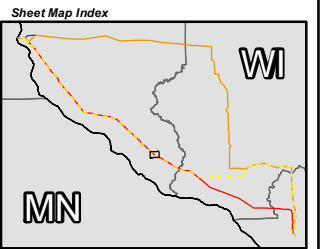
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Sheet Map 25

Legend

- Proposed Transmission Line Alternatives**
 - Q1-Highway 35 Route
 - Arcadia Route
 - Arcadia-Alma Option
 - Q1-Galesville Route
- Project Features**
 - Transmission Line Structure
 - Segment Endpoint
 - Proposed Substation Siting Area
 - Right-of-Way
 - Access Route
- Access Route Waterway Crossings**
 - Temporary Clear Span Bridge
 - Miscellaneous Structure
- Identified Natural Resources**
 - Wetlands Delineated from Aerial Interpret.
 - Field Sketched Wetlands
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- Water Features (FEMA, WWI)**
 - FEMA Floodplain
 - Wisconsin Wetland Inventory
- WDNR 24K Hydrography**
 - Intermittent Stream
 - Perennial Stream
 - Waterbody
- NRCS Soils Survey Data**
 - Hydric Soils
 - Possible Hydric Inclusions
 - Non-Hydric Soils
- Jurisdiction (WDNR)**
 - State
 - County
 - Sections
 - City, Village or Town
- Distribution Lines**
 - Xcel Distribution Lines
 - Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stanlec
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Sheet Map 26

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- Proposed Substation Siting Area
- Right-of-Way
- Access Route

Access Route Waterway Crossings

- Temporary Clear Span Bridge
- Miscellaneous Structure

Identified Natural Resources

- Wetlands Delineated from Aerial Interpret.
- Field Sketched Wetlands
- Field Sketched Open Water
- Field Sketched Waterway

Water Features (FEMA, WWI)

- FEMA Floodplain
- Wisconsin Wetland Inventory

WDNR 24K Hydrography

- Intermittent Stream
- Perennial Stream
- Waterbody

NRCS Soils Survey Data

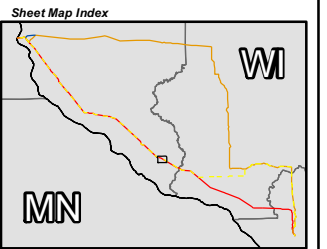
- Hydric Soils
- Possible Hydric Inclusions
- Non-Hydric Soils

Jurisdiction (WDNR)

- State
- County
- Sections
- City, Village or Town

Distribution Lines

- Xcel Distribution Lines
- Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
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Sheet Map 27

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
- Segment Endpoint
- Proposed Substation Siting Area
- Right-of-Way
- Access Route

Access Route Waterway Crossings

- Temporary Clear Span Bridge
- Miscellaneous Structure

Identified Natural Resources

- Wetlands Delineated from Aerial Interp.
- Field Sketched Wetlands
- Field Sketched Open Water
- Field Sketched Waterway

Water Features (FEMA, WWI)

- FEMA Floodplain
- Wisconsin Wetland Inventory

WDNR 24K Hydrography

- Intermittent Stream
- Perennial Stream
- Waterbody

NRCS Soils Survey Data

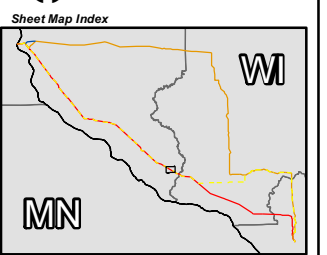
- Hydric Soils
- Possible Hydric Inclusions
- Non-Hydric Soils

Jurisdiction (WDNR)

- State
- County
- Sections
- City, Village or Town

Distribution Lines

- Xcel Distribution Lines
- Riverland Distribution Lines



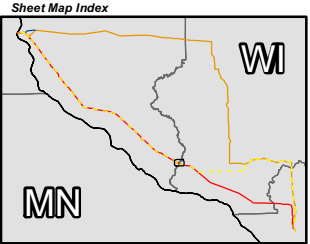
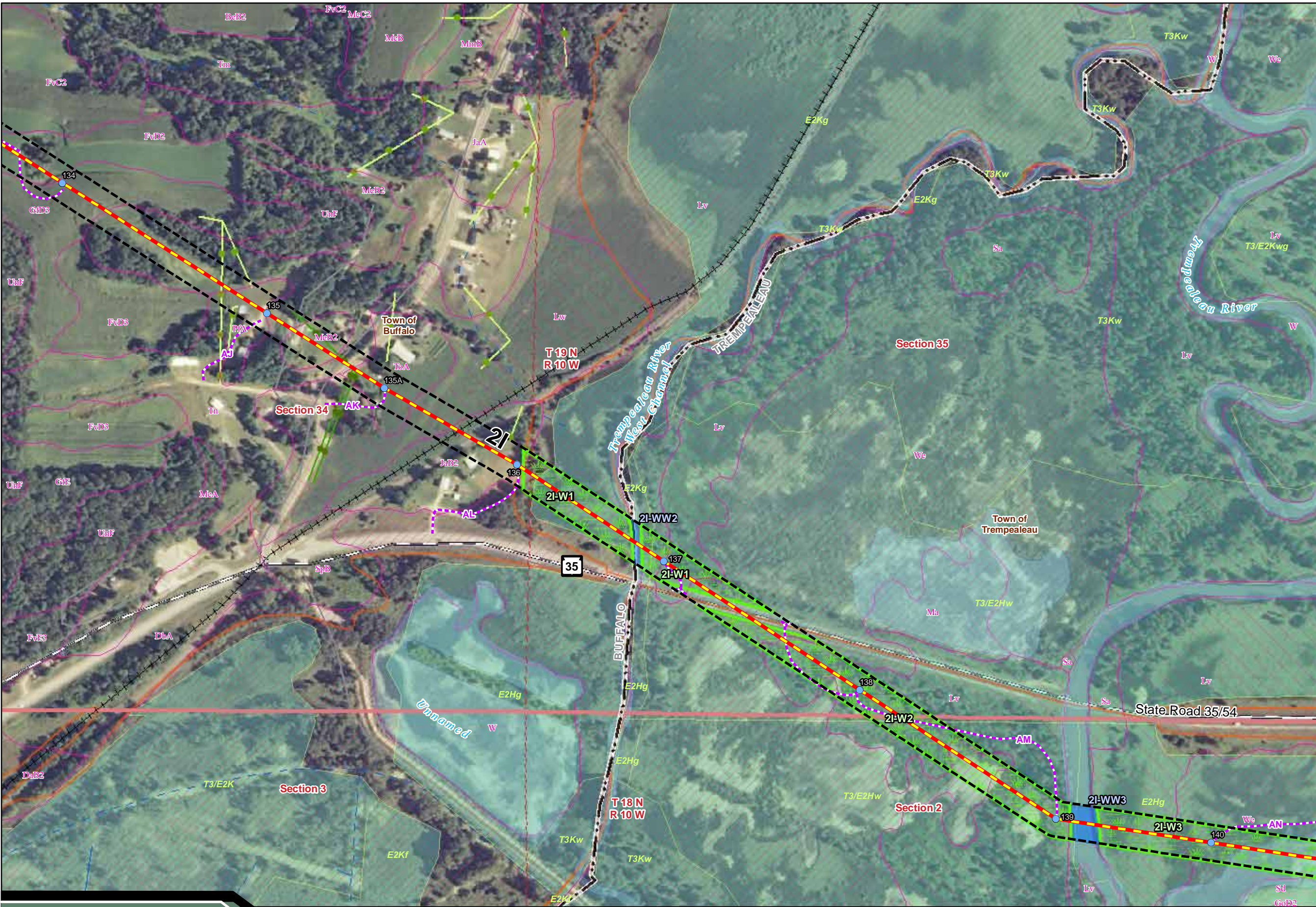
Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
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Sheet Map 28

- Legend**
- Proposed Transmission Line Alternatives**
 - Q1-Highway 35 Route
 - Arcadia Route
 - Arcadia-Alma Option
 - Q1-Galesville Route
 - Project Features**
 - Transmission Line Structure
 - Segment Endpoint
 - Proposed Substation Siting Area
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 - Access Route
 - Access Route Waterway Crossings**
 - Temporary Clear Span Bridge
 - Miscellaneous Structure
 - Identified Natural Resources**
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 - Field Sketched Wetlands
 - Field Sketched Open Water
 - Field Sketched Waterway
 - Water Features (FEMA, WWI)**
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 - Wisconsin Wetland Inventory
 - WDNR 24K Hydrography**
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 - Waterbody
 - NRCS Soils Survey Data**
 - Hydric Soils
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 - Non-Hydric Soils
 - Jurisdiction (WDNR)**
 - State
 - County
 - Sections
 - City, Village or Town
 - Distribution Lines**
 - Xcel Distribution Lines
 - Riverland Distribution Lines

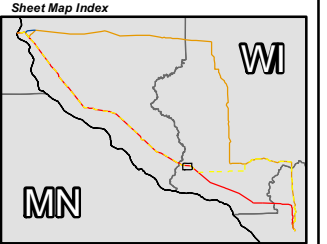


Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
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Sheet Map 29

Legend

- Proposed Transmission Line Alternatives**
 - Q1-Highway 35 Route
 - Arcadia Route
 - Arcadia-Alma Option
 - Q1-Galesville Route
- Project Features**
 - Transmission Line Structure
 - Segment Endpoint
 - Proposed Substation Siting Area
 - Right-of-Way
 - Access Route
- Access Route Waterway Crossings**
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 - Riverland Distribution Lines



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Sheet Map 30

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- Proposed Substation Siting Area
- Right-of-Way
- Access Route

Access Route Waterway Crossings

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- Miscellaneous Structure

Identified Natural Resources

- Wetlands Delineated from Aerial Interpret.
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- Field Sketched Waterway

Water Features (FEMA, WWI)

- FEMA Floodplain
- Wisconsin Wetland Inventory

WDNR 24K Hydrography

- Intermittent Stream
- Perennial Stream
- Waterbody

NRCS Soils Survey Data

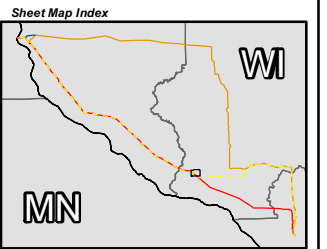
- Hydric Soils
- Possible Hydric Inclusions
- Non-Hydric Soils

Jurisdiction (WDNR)

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- County
- Sections
- City, Village or Town

Distribution Lines

- Xcel Distribution Lines
- Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
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Sheet Map 31

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
- Segment Endpoint
- Proposed Substation Siting Area
- Right-of-Way
- Access Route

Access Route Waterway Crossings

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- Miscellaneous Structure

Identified Natural Resources

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- Field Sketched Waterway

Water Features (FEMA, WWI)

- FEMA Floodplain
- Wisconsin Wetland Inventory

WDNR 24K Hydrography

- Intermittent Stream
- Perennial Stream
- Waterbody

NRCS Soils Survey Data

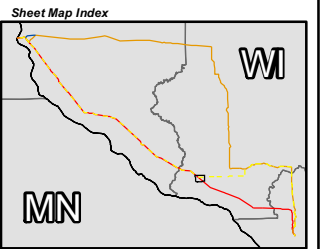
- Hydric Soils
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- Non-Hydric Soils

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- County
- Sections
- City, Village or Town

Distribution Lines

- Xcel Distribution Lines
- Riverland Distribution Lines



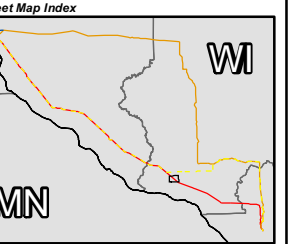
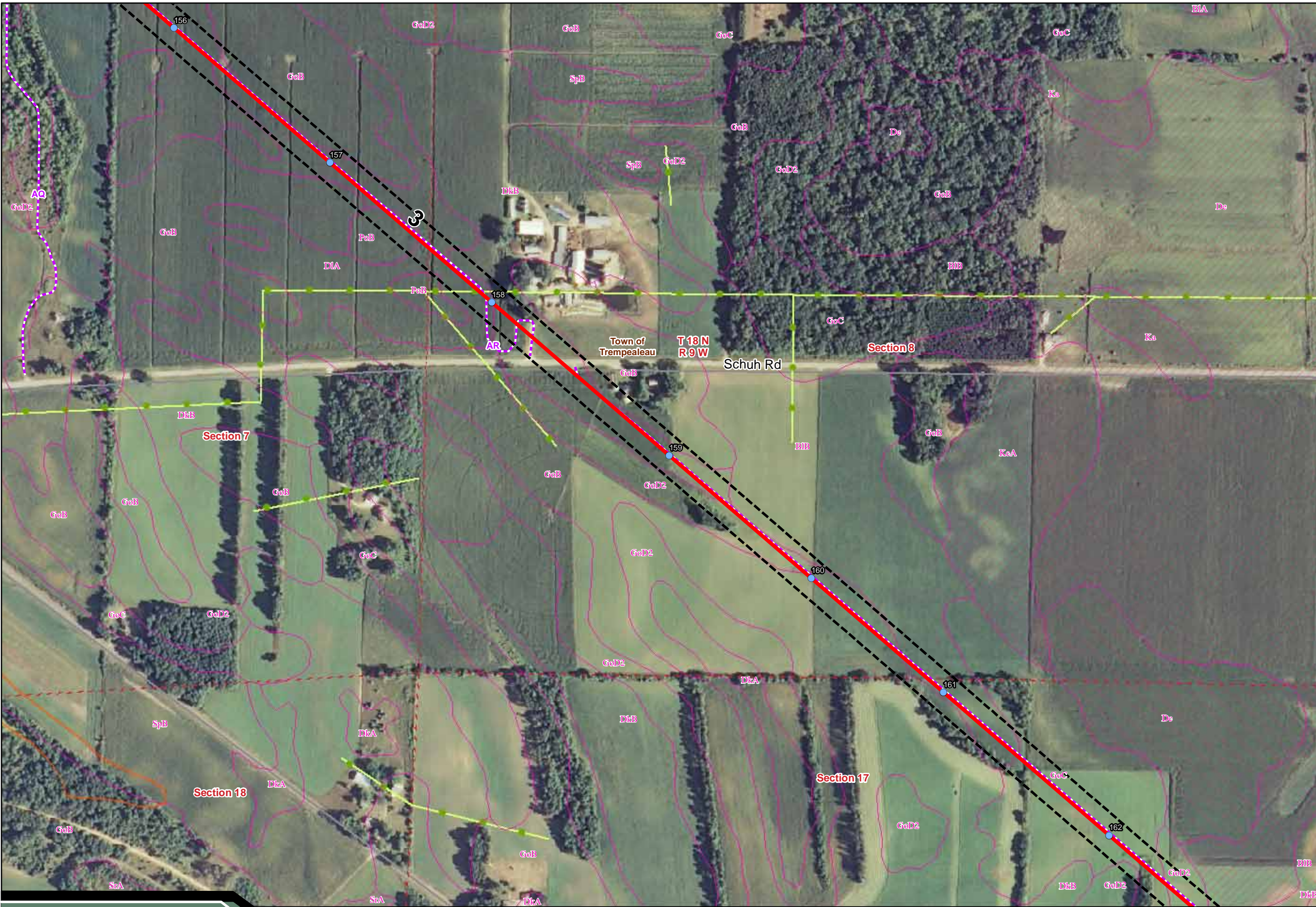
Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stanlec
CapX2020 Environmental Figure

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Sheet Map 32

- Legend**
- Proposed Transmission Line Alternatives**
- Q1-Highway 35 Route
 - Arcadia Route
 - Arcadia-Alma Option
 - Q1-Galesville Route
- Project Features**
- Transmission Line Structure
 - Segment Endpoint
 - Proposed Substation Siting Area
 - Right-of-Way
 - Access Route
- Access Route Waterway Crossings**
- Temporary Clear Span Bridge
 - Miscellaneous Structure
- Identified Natural Resources**
- Wetlands Delineated from Aerial Interpret.
 - Field Sketched Wetlands
 - Field Sketched Open Water
 - Field Sketched Waterway
- Water Features (FEMA, WWI)**
- FEMA Floodplain
 - Wisconsin Wetland Inventory
- WDNR 24K Hydrography**
- Intermittent Stream
 - Perennial Stream
 - Waterbody
- NRCS Soils Survey Data**
- Hydric Soils
 - Possible Hydric Inclusions
 - Non-Hydric Soils
- Jurisdiction (WDNR)**
- State
 - County
 - Sections
 - City, Village or Town
- Distribution Lines**
- Xcel Distribution Lines
 - Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stanlec
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CapX2020

Hampton • Rochester • La Crosse 345kV Transmission Project

Environmental Features

Xcel Energy • Dairyland Power Cooperative • Rochester Public Utilities • Wisconsin Public Power, Incorporated • Southern Minnesota Municipal Power Agency

June 2011

Sheet Map 33

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- Proposed Substation Siting Area
- Right-of-Way
- Access Route

Access Route Waterway Crossings

- Temporary Clear Span Bridge
- Miscellaneous Structure

Identified Natural Resources

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- Field Sketched Open Water
- Field Sketched Waterway

Water Features (FEMA, WWI)

- FEMA Floodplain
- Wisconsin Wetland Inventory

WDNR 24K Hydrography

- Intermittent Stream
- Perennial Stream
- Waterbody

NRCS Soils Survey Data

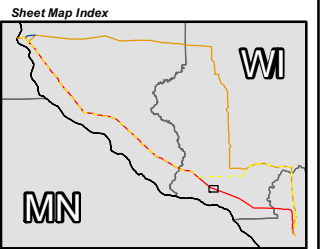
- Hydric Soils
- Possible Hydric Inclusions
- Non-Hydric Soils

Jurisdiction (WDNR)

- State
- County
- Sections
- City, Village or Town

Distribution Lines

- Xcel Distribution Lines
- Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
CapX2020 Environmental Figure

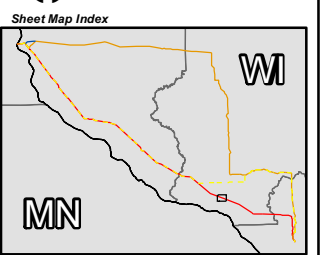
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Sheet Map 34

Legend

- Proposed Transmission Line Alternatives**
 - Q1-Highway 35 Route
 - Arcadia Route
 - Arcadia-Alma Option
 - Q1-Galesville Route
- Project Features**
 - Transmission Line Structure
 - Segment Endpoint
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- Access Route Waterway Crossings**
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 - Waterbody
- NRCS Soils Survey Data**
 - Hydric Soils
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 - Non-Hydric Soils
- Jurisdiction (WDNR)**
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 - County
 - Sections
 - City, Village or Town
- Distribution Lines**
 - Xcel Distribution Lines
 - Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
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Sheet Map 35

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- Proposed Substation Siting Area
- Right-of-Way
- Access Route

Access Route Waterway Crossings

- Temporary Clear Span Bridge
- Miscellaneous Structure

Identified Natural Resources

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- Field Sketched Open Water
- Field Sketched Waterway

Water Features (FEMA, WWI)

- FEMA Floodplain
- Wisconsin Wetland Inventory

WDNR 24K Hydrography

- Intermittent Stream
- Perennial Stream
- Waterbody

NRCS Soils Survey Data

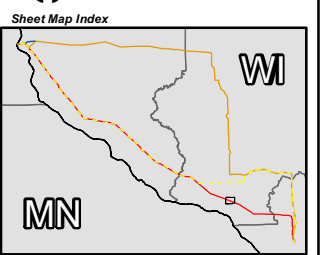
- Hydric Soils
- Possible Hydric Inclusions
- Non-Hydric Soils

Jurisdiction (WDNR)

- State
- County
- Sections
- City, Village or Town

Distribution Lines

- Xcel Distribution Lines
- Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
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Hampton • Rochester • La Crosse 345kV Transmission Project

Environmental Features

Xcel Energy • Dairyland Power Cooperative • Rochester Public Utilities • Wisconsin Public Power, Incorporated • Southern Minnesota Municipal Power Agency

June 2011

Sheet Map 37

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
- Segment Endpoint
- Proposed Substation Siting Area
- Right-of-Way
- Access Route

Access Route Waterway Crossings

- Temporary Clear Span Bridge
- Miscellaneous Structure

Identified Natural Resources

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Water Features (FEMA, WWI)

- FEMA Floodplain
- Wisconsin Wetland Inventory

WDNR 24K Hydrography

- Intermittent Stream
- Perennial Stream
- Waterbody

NRCS Soils Survey Data

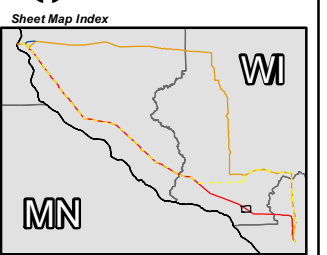
- Hydric Soils
- Possible Hydric Inclusions
- Non-Hydric Soils

Jurisdiction (WDNR)

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- County
- Sections
- City, Village or Town

Distribution Lines

- Xcel Distribution Lines
- Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
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Sheet Map 38

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- Proposed Substation Siting Area
- Right-of-Way
- Access Route

Access Route Waterway Crossings

- Temporary Clear Span Bridge
- Miscellaneous Structure

Identified Natural Resources

- Wetlands Delineated from Aerial Interp.
- Field Sketched Wetlands
- Field Sketched Open Water
- Field Sketched Waterway

Water Features (FEMA, WWI)

- FEMA Floodplain
- Wisconsin Wetland Inventory

WDNR 24K Hydrography

- Intermittent Stream
- Perennial Stream
- Waterbody

NRCS Soils Survey Data

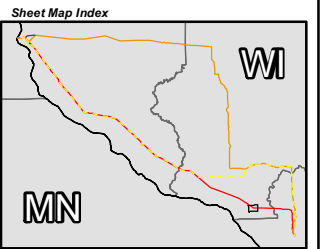
- Hydric Soils
- Possible Hydric Inclusions
- Non-Hydric Soils

Jurisdiction (WDNR)

- State
- County
- Sections
- City, Village or Town

Distribution Lines

- Xcel Distribution Lines
- Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
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Sheet Map 43

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- Proposed Substation Siting Area
- Right-of-Way
- Access Route

Access Route Waterway Crossings

- Temporary Clear Span Bridge
- Miscellaneous Structure

Identified Natural Resources

- Wetlands Delineated from Aerial Interp.
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- Field Sketched Open Water
- Field Sketched Waterway

Water Features (FEMA, WWI)

- FEMA Floodplain
- Wisconsin Wetland Inventory

WDNR 24K Hydrography

- Intermittent Stream
- Perennial Stream
- Waterbody

NRCS Soils Survey Data

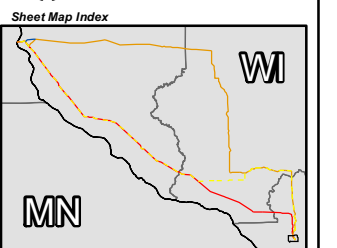
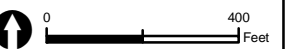
- Hydric Soils
- Possible Hydric Inclusions
- Non-Hydric Soils

Jurisdiction (WDNR)

- State
- County
- Sections
- City, Village or Town

Distribution Lines

- Xcel Distribution Lines
- Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
CapX2020 Environmental Figure

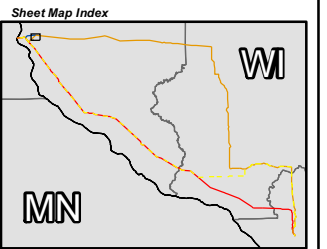
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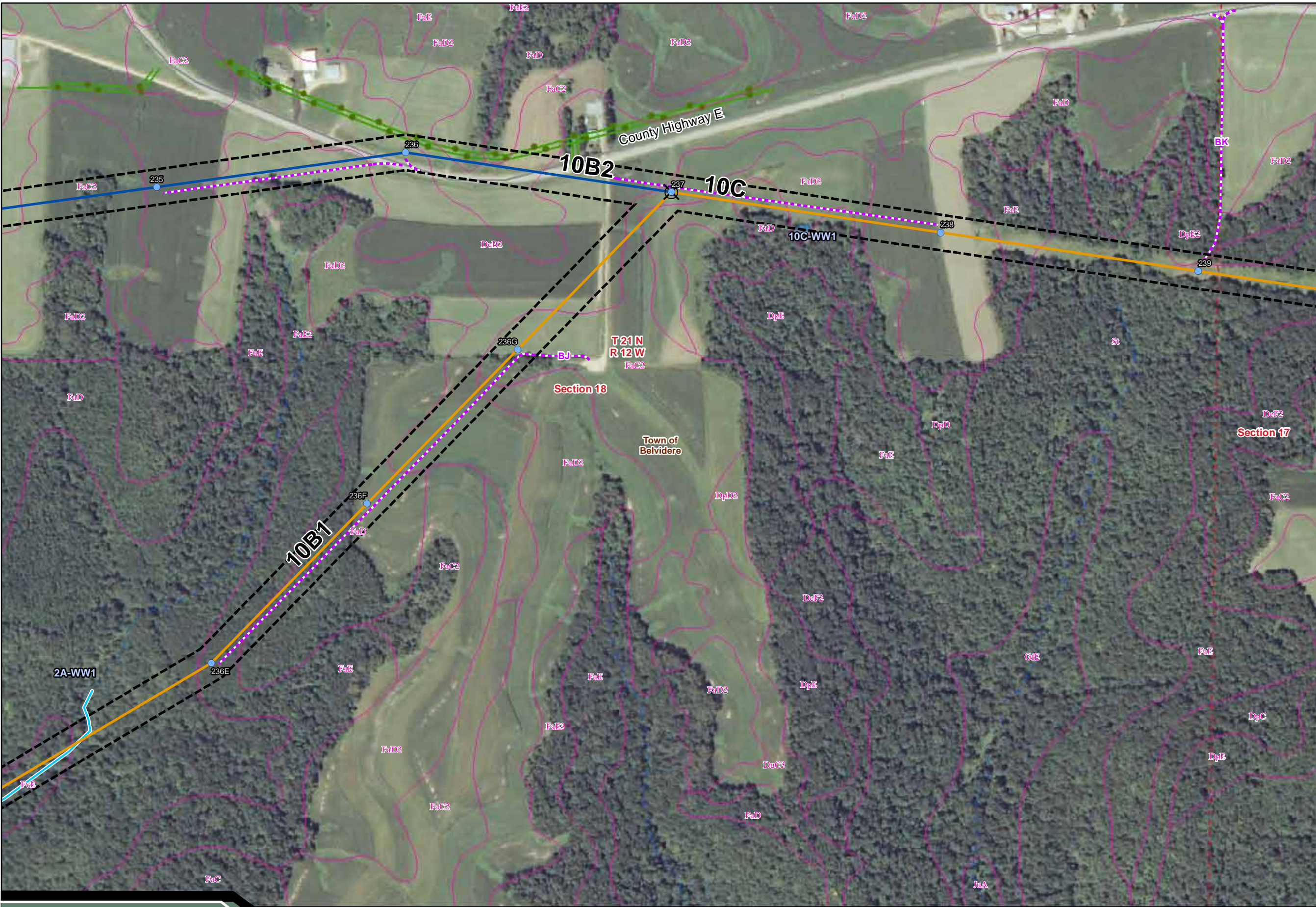
Sheet Map 44

Legend

- Proposed Transmission Line Alternatives**
 - Q1-Highway 35 Route
 - Arcadia Route
 - Arcadia-Alma Option
 - Q1-Galesville Route
- Project Features**
 - Transmission Line Structure
 - Segment Endpoint
 - Proposed Substation Siting Area
 - Right-of-Way
 - Access Route
- Access Route Waterway Crossings**
 - Temporary Clear Span Bridge
 - Miscellaneous Structure
- Identified Natural Resources**
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- WDNR 24K Hydrography**
 - Intermittent Stream
 - Perennial Stream
 - Waterbody
- NRCS Soils Survey Data**
 - Hydric Soils
 - Possible Hydric Inclusions
 - Non-Hydric Soils
- Jurisdiction (WDNR)**
 - State
 - County
 - Sections
 - City, Village or Town
- Distribution Lines**
 - Xcel Distribution Lines
 - Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
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Sheet Map 45

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- Proposed Substation Siting Area
- Right-of-Way
- Access Route

Access Route Waterway Crossings

- Temporary Clear Span Bridge
- Miscellaneous Structure

Identified Natural Resources

- Wetlands Delineated from Aerial Interp.
- Field Sketched Wetlands
- Field Sketched Open Water
- Field Sketched Waterway

Water Features (FEMA, WWI)

- FEMA Floodplain
- Wisconsin Wetland Inventory

WDNR 24K Hydrography

- Intermittent Stream
- Perennial Stream
- Waterbody

NRCS Soils Survey Data

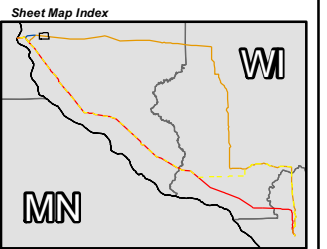
- Hydric Soils
- Possible Hydric Inclusions
- Non-Hydric Soils

Jurisdiction (WDNR)

- State
- County
- Sections
- City, Village or Town

Distribution Lines

- Xcel Distribution Lines
- Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
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Sheet Map 46

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- Proposed Substation Siting Area
- Right-of-Way
- Access Route

Access Route Waterway Crossings

- Temporary Clear Span Bridge
- Miscellaneous Structure

Identified Natural Resources

- Wetlands Delineated from Aerial Interpret.
- Field Sketched Wetlands
- Field Sketched Open Water
- Field Sketched Waterway

Water Features (FEMA, WWI)

- FEMA Floodplain
- Wisconsin Wetland Inventory

WDNR 24K Hydrography

- - - Intermittent Stream
- Perennial Stream
- Waterbody

NRCS Soils Survey Data

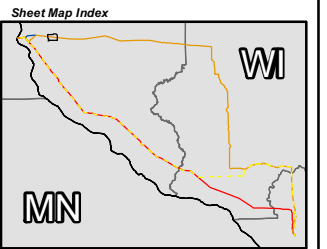
- Hydric Soils
- Possible Hydric Inclusions
- Non-Hydric Soils

Jurisdiction (WDNR)

- State
- County
- Sections
- City, Village or Town

Distribution Lines

- Xcel Distribution Lines
- Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
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Sheet Map 47

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- Proposed Substation Siting Area
- Right-of-Way
- Access Route

Access Route Waterway Crossings

- Temporary Clear Span Bridge
- Miscellaneous Structure

Identified Natural Resources

- Wetlands Delineated from Aerial Interpret.
- Field Sketched Wetlands
- Field Sketched Open Water
- Field Sketched Waterway

Water Features (FEMA, WWI)

- FEMA Floodplain
- Wisconsin Wetland Inventory
- Intermittent Stream
- Perennial Stream
- Waterbody

NRCS Soils Survey Data

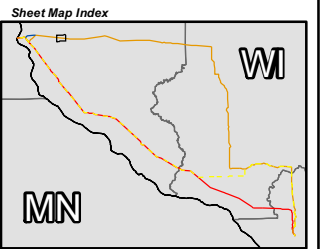
- Hydric Soils
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- Non-Hydric Soils

Jurisdiction (WDNR)

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- County
- Sections
- City, Village or Town

Distribution Lines

- Xcel Distribution Lines
- Riverland Distribution Lines



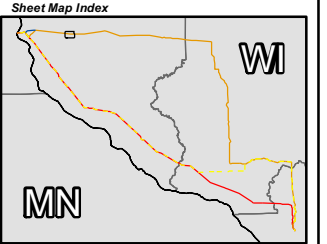
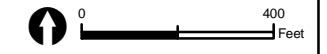
Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
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 Aerial Photography Published by National Agriculture Imagery Program (NAIP), 2008



Sheet Map 48

Legend

- Proposed Transmission Line Alternatives**
 - Q1-Highway 35 Route
 - Arcadia Route
 - Arcadia-Alma Option
 - Q1-Galesville Route
- Project Features**
 - Transmission Line Structure
 - Segment Endpoint
 - Proposed Substation Siting Area
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 - Access Route
- Access Route Waterway Crossings**
 - Temporary Clear Span Bridge
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- WDNR 24K Hydrography**
 - Intermittent Stream
 - Perennial Stream
 - Waterbody
- NRCS Soils Survey Data**
 - Hydric Soils
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 - Non-Hydric Soils
- Jurisdiction (WDNR)**
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 - Xcel Distribution Lines
 - Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
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Sheet Map 49

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- Proposed Substation Siting Area
- Right-of-Way
- Access Route

Access Route Waterway Crossings

- Temporary Clear Span Bridge
- Miscellaneous Structure

Identified Natural Resources

- Wetlands Delineated from Aerial Interpret.
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- Field Sketched Waterway

Water Features (FEMA, WWI)

- FEMA Floodplain
- Wisconsin Wetland Inventory
- Intermittent Stream
- Perennial Stream
- Waterbody

NRCS Soils Survey Data

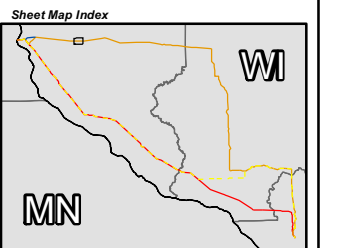
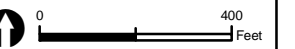
- Hydric Soils
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- Non-Hydric Soils

Jurisdiction (WDNR)

- State
- County
- Sections
- City, Village or Town

Distribution Lines

- Xcel Distribution Lines
- Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
CapX2020 Environmental Figure

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Sheet Map 50

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
- Segment Endpoint
- Proposed Substation Siting Area
- Right-of-Way
- Access Route

Access Route Waterway Crossings

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- Miscellaneous Structure

Identified Natural Resources

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- Field Sketched Waterway

Water Features (FEMA, WWI)

- FEMA Floodplain
- Wisconsin Wetland Inventory

WDNR 24K Hydrography

- Intermittent Stream
- Perennial Stream
- Waterbody

NRCS Soils Survey Data

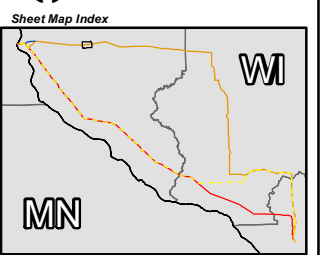
- Hydric Soils
- Possible Hydric Inclusions
- Non-Hydric Soils

Jurisdiction (WDNR)

- State
- County
- Sections
- City, Village or Town

Distribution Lines

- Xcel Distribution Lines
- Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
CapX2020 Environmental Figure

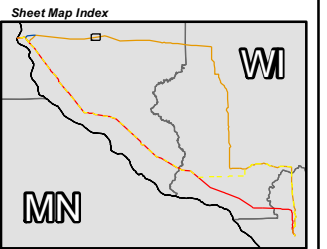
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Sheet Map 51

Legend

- Proposed Transmission Line Alternatives**
 - Q1-Highway 35 Route
 - Arcadia Route
 - Arcadia-Alma Option
 - Q1-Galesville Route
- Project Features**
 - Transmission Line Structure
 - Segment Endpoint
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 - Access Route
- Access Route Waterway Crossings**
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 - Miscellaneous Structure
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- WDNR 24K Hydrography**
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 - Perennial Stream
 - Waterbody
- NRCS Soils Survey Data**
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 - Non-Hydric Soils
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 - Sections
 - City, Village or Town
- Distribution Lines**
 - Xcel Distribution Lines
 - Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
CapX2020 Environmental Figure

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Sheet Map 52

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- Proposed Substation Siting Area
- Right-of-Way
- Access Route

Access Route Waterway Crossings

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- Miscellaneous Structure

Identified Natural Resources

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- Field Sketched Open Water
- Field Sketched Waterway

Water Features (FEMA, WWI)

- FEMA Floodplain
- Wisconsin Wetland Inventory
- Intermittent Stream
- Perennial Stream
- Waterbody

WDNR 24K Hydrography

- Intermittent Stream
- Perennial Stream
- Waterbody

NRCS Soils Survey Data

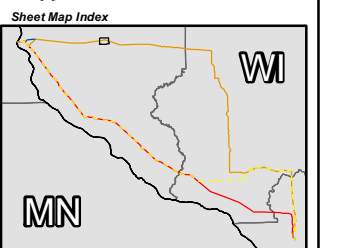
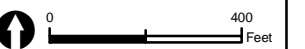
- Hydric Soils
- Possible Hydric Inclusions
- Non-Hydric Soils

Jurisdiction (WDNR)

- State
- County
- Sections
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Distribution Lines

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- Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
CapX2020 Environmental Figure

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Sheet Map 53

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
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- Waterbody

NRCS Soils Survey Data

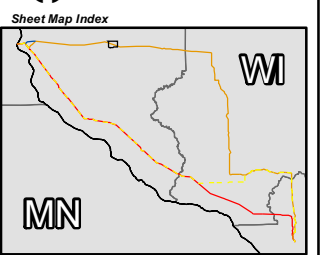
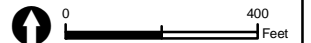
- Hydric Soils
- Possible Hydric Inclusions
- Non-Hydric Soils

Jurisdiction (WDNR)

- State
- County
- Sections
- City, Village or Town

Distribution Lines

- Xcel Distribution Lines
- Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stanlec
 CapX2020 Environmental Figure
 Aerial Photography Published by National Agriculture Imagery Program (NAIP), 2008



Sheet Map 54

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- Proposed Substation Siting Area
- Right-of-Way
- Access Route

Access Route Waterway Crossings

- Temporary Clear Span Bridge
 - Miscellaneous Structure
- ### Identified Natural Resources
- Wetlands Delineated from Aerial Interp.
 - Field Sketched Wetlands
 - Field Sketched Open Water
 - Field Sketched Waterway

Water Features (FEMA, WWI)

- FEMA Floodplain
 - Wisconsin Wetland Inventory
- ### WDNR 24K Hydrography
- Intermittent Stream
 - Perennial Stream
 - Waterbody

NRCS Soils Survey Data

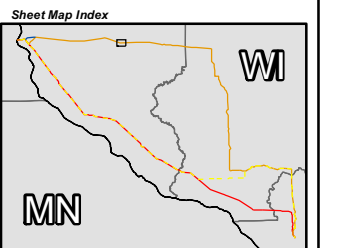
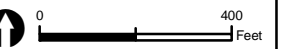
- Hydric Soils
- Possible Hydric Inclusions
- Non-Hydric Soils

Jurisdiction (WDNR)

- State
- County
- Sections
- City, Village or Town

Distribution Lines

- Xcel Distribution Lines
- Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
CapX2020 Environmental Figure

Aerial Photography Published by National Agriculture Imagery Program (NAIP), 2008



Sheet Map 55

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- Proposed Substation Siting Area
- Right-of-Way
- Access Route

Access Route Waterway Crossings

- Temporary Clear Span Bridge
- Miscellaneous Structure

Identified Natural Resources

- Wetlands Delineated from Aerial Interpret.
- Field Sketched Wetlands
- Field Sketched Open Water
- Field Sketched Waterway

Water Features (FEMA, WWI)

- FEMA Floodplain
- Wisconsin Wetland Inventory

WDNR 24K Hydrography

- Intermittent Stream
- Perennial Stream
- Waterbody

NRCS Soils Survey Data

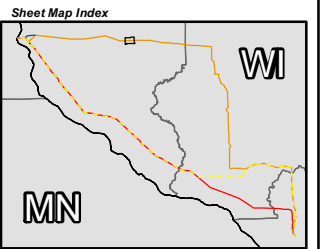
- Hydric Soils
- Possible Hydric Inclusions
- Non-Hydric Soils

Jurisdiction (WDNR)

- State
- County
- Sections
- City, Village or Town

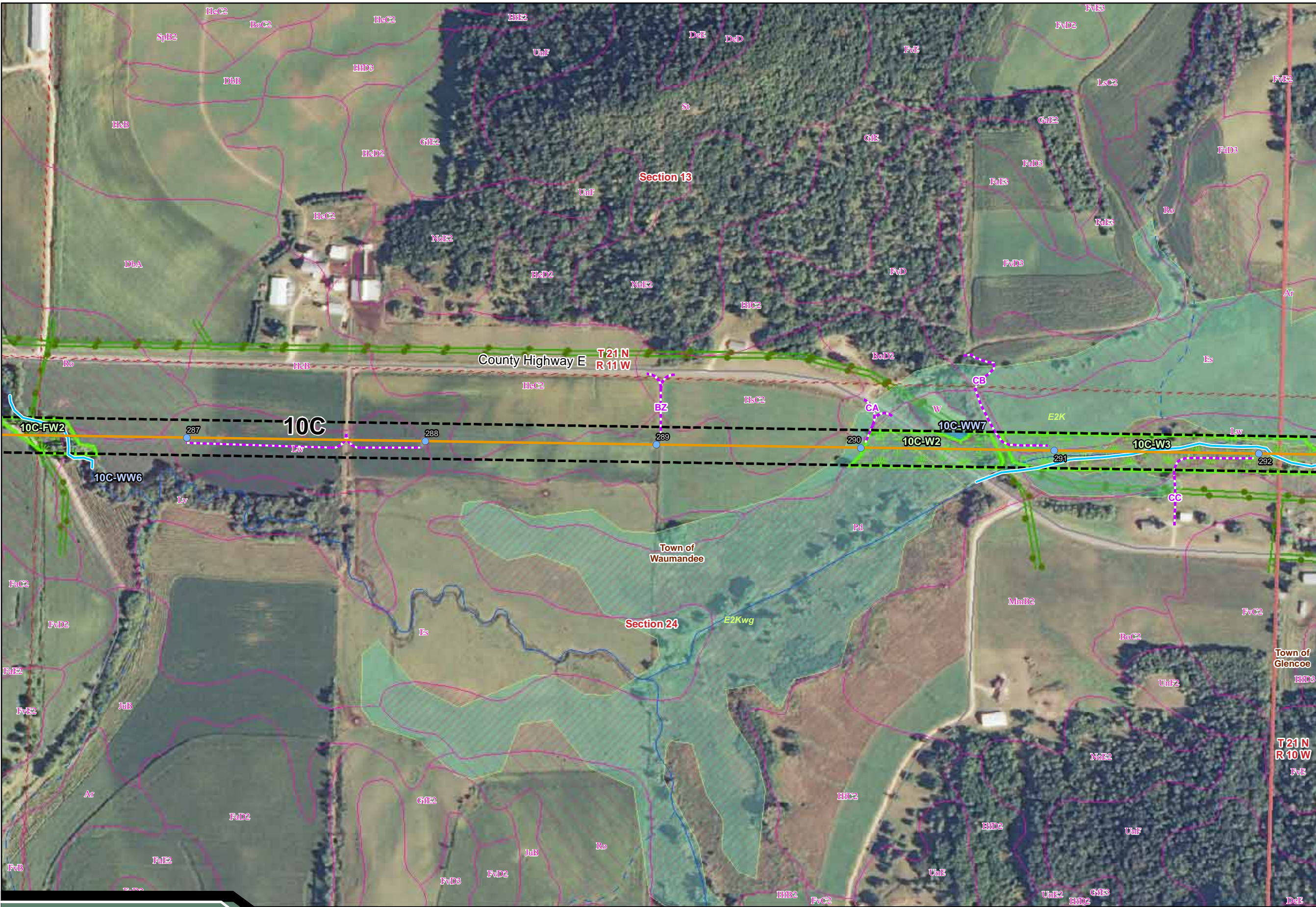
Distribution Lines

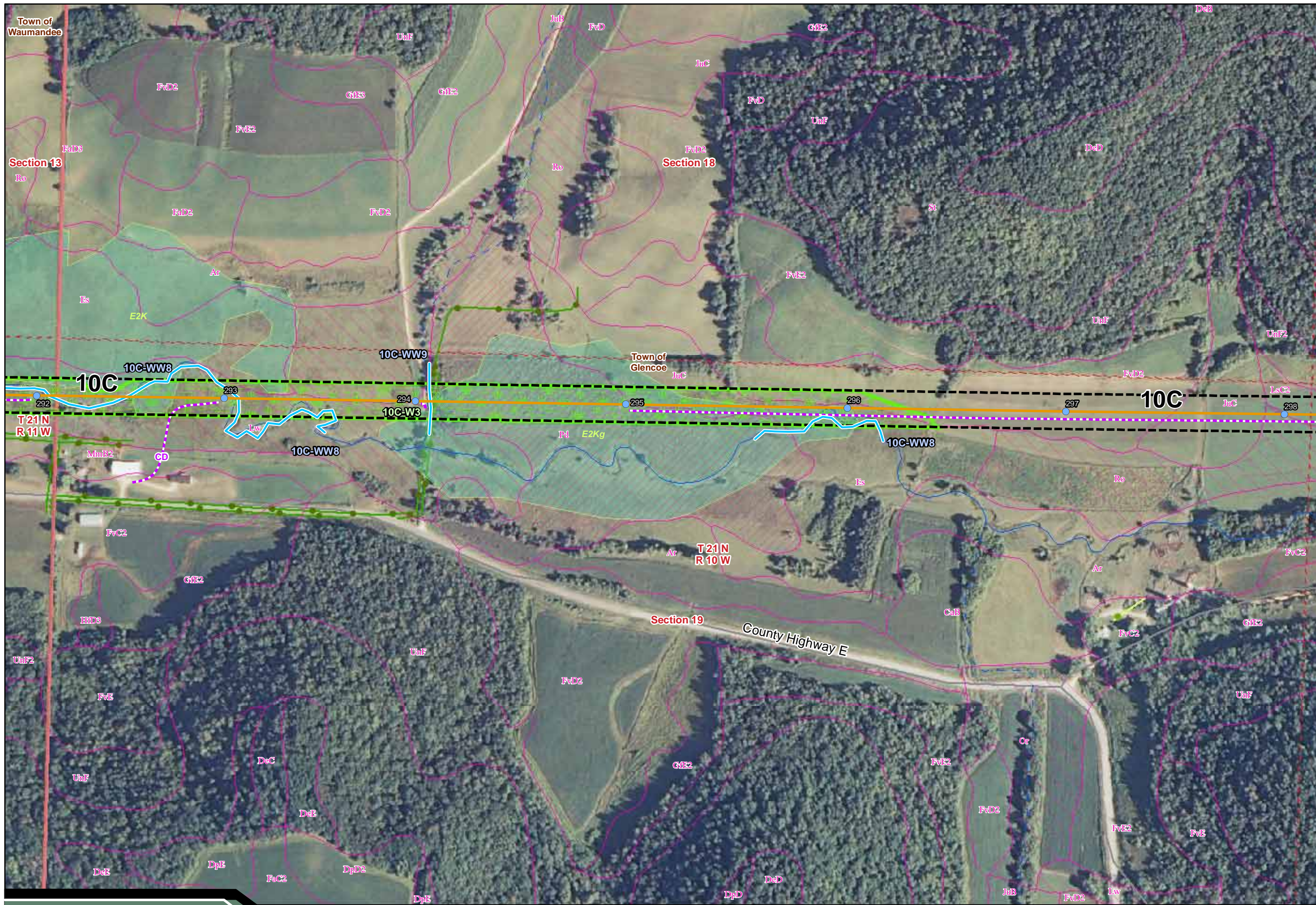
- Xcel Distribution Lines
- Riverland Distribution Lines



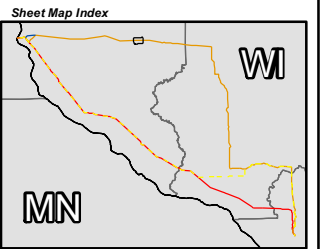
Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
CapX2020 Environmental Figure

Aerial Photography Published by National Agriculture Imagery Program (NAIP), 2008





- Legend**
- Proposed Transmission Line Alternatives**
 - Q1-Highway 35 Route
 - Arcadia Route
 - Arcadia-Alma Option
 - Q1-Galesville Route
 - Project Features**
 - Transmission Line Structure
 - Segment Endpoint
 - Proposed Substation Siting Area
 - Right-of-Way
 - Access Route
 - Access Route Waterway Crossings**
 - Temporary Clear Span Bridge
 - Miscellaneous Structure
 - Identified Natural Resources**
 - Wetlands Delineated from Aerial Interpret.
 - Field Sketched Wetlands
 - Field Sketched Open Water
 - Field Sketched Waterway
 - Water Features (FEMA, WWI)**
 - FEMA Floodplain
 - Wisconsin Wetland Inventory
 - WDNR 24K Hydrography**
 - Intermittent Stream
 - Perennial Stream
 - Waterbody
 - NRCS Soils Survey Data**
 - Hydric Soils
 - Possible Hydric Inclusions
 - Non-Hydric Soils
 - Jurisdiction (WDNR)**
 - State
 - County
 - Sections
 - City, Village or Town
 - Distribution Lines**
 - Xcel Distribution Lines
 - Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
 CapX2020 Environmental Figure

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Sheet Map 57

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
- Segment Endpoint
- Proposed Substation Siting Area
- Right-of-Way
- Access Route

Access Route Waterway Crossings

- Temporary Clear Span Bridge
- Miscellaneous Structure

Identified Natural Resources

- Wetlands Delineated from Aerial Interpret.
- Field Sketched Wetlands
- Field Sketched Open Water
- Field Sketched Waterway

Water Features (FEMA, WWI)

- FEMA Floodplain
- Wisconsin Wetland Inventory
- WDNR 24K Hydrography Intermittent Stream
- WDNR 24K Hydrography Perennial Stream
- WDNR 24K Hydrography Waterbody

NRCS Soils Survey Data

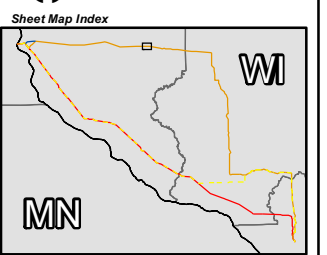
- Hydric Soils
- Possible Hydric Inclusions
- Non-Hydric Soils

Jurisdiction (WDNR)

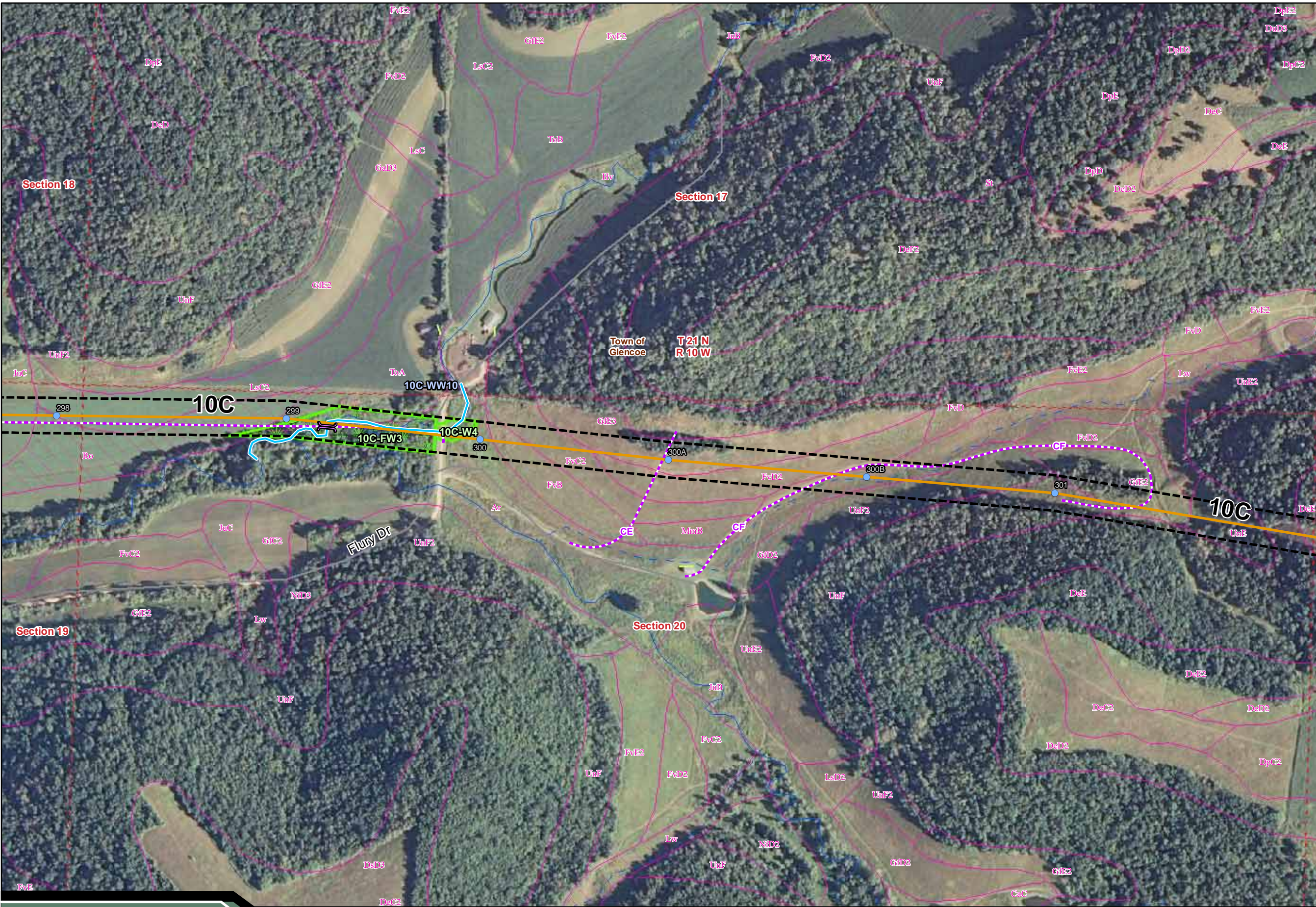
- State
- County
- Sections
- City, Village or Town

Distribution Lines

- Xcel Distribution Lines
- Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
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Sheet Map 58

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- Proposed Substation Siting Area
- Right-of-Way
- Access Route

Access Route Waterway Crossings

- Temporary Clear Span Bridge
- Miscellaneous Structure

Identified Natural Resources

- Wetlands Delineated from Aerial Interpret.
- Field Sketched Wetlands
- Field Sketched Open Water
- Field Sketched Waterway

Water Features (FEMA, WWI)

- FEMA Floodplain
- Wisconsin Wetland Inventory

WDNR 24K Hydrography

- Intermittent Stream
- Perennial Stream
- Waterbody

NRCS Soils Survey Data

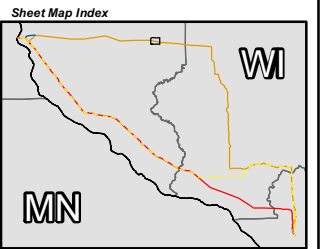
- Hydric Soils
- Possible Hydric Inclusions
- Non-Hydric Soils

Jurisdiction (WDNR)

- State
- County
- Sections
- City, Village or Town

Distribution Lines

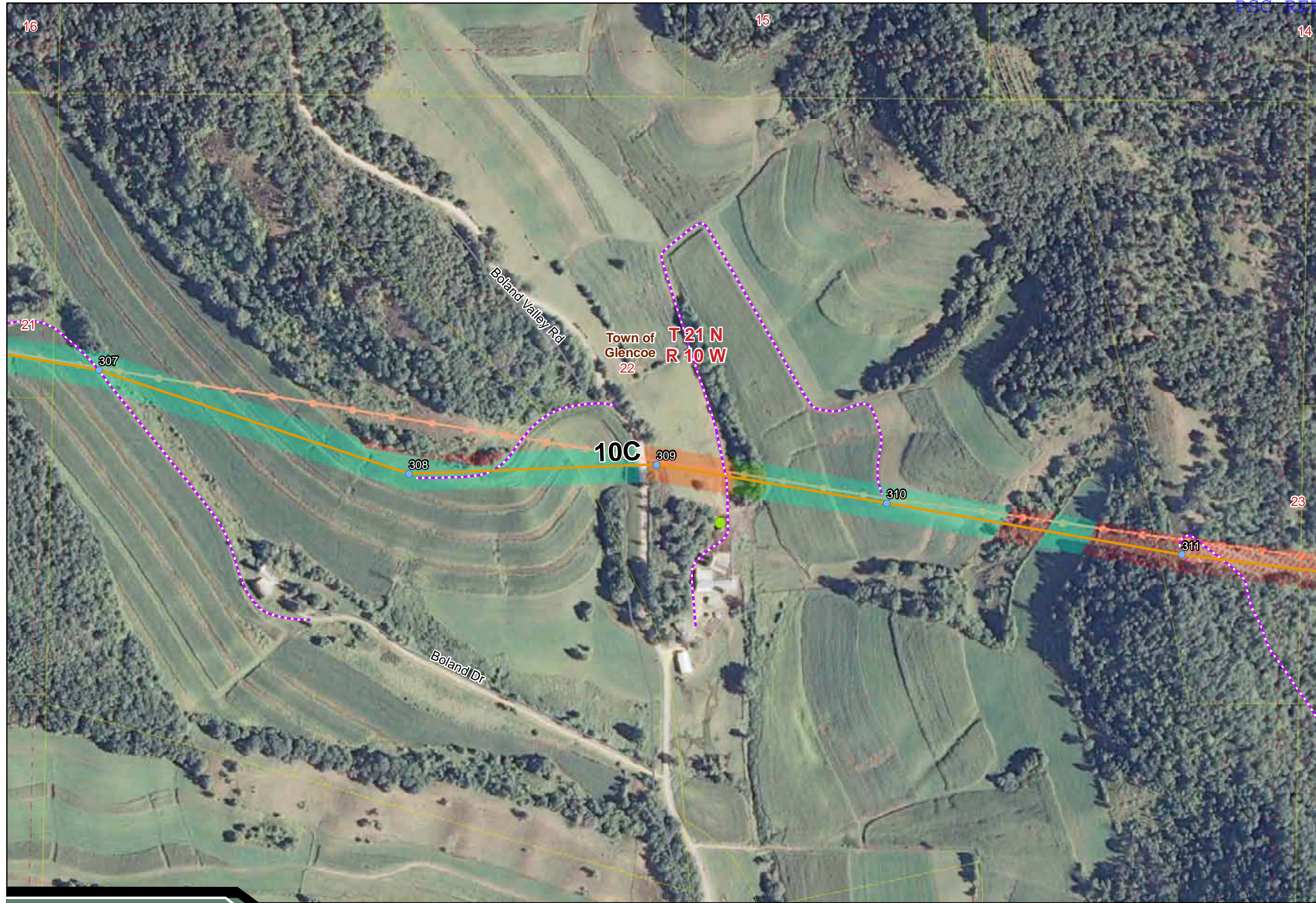
- Xcel Distribution Lines
- Riverland Distribution Lines



Data Sources: WDNR, WisDOT, BTS, USGS, PSCW, LMIC, FEMA, WWI, FCC, Platts, Census, Stantec
CapX2020 Environmental Figure

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- Legend**
- Proposed Transmission Line Alternatives**
- Q1-Highway 35 Route
 - Arcadia Route
 - Arcadia-Alma Option
 - Q1-Galesville Route
 - 161kV to Genoa
 - 161kV to Mayfair
 - 161kV to Tremval
- Project Features**
- Transmission Line Structure
 - Segment Endpoint
 - Access Route
- Existing Utilities (HDR, PSCW)**
- Substation
 - Proposed Substation Siting Area
 - 69 kV Transmission Line
 - 161 kV Transmission Line
 - Natural Gas Pipeline
- Land Cover (Stantec)**
- Residential
 - Commercial/Industrial
 - Golf Course
 - Cropland
 - Prairie/Grassland
 - Pasture
 - Specialty
 - Forested Wetland
 - Non-Forested Wetland
 - Upland Forest
 - Upland Shrub Land
 - Road
 - Waterway
 - Railroad
- Structures (Stantec, NAIP 2008)**
- Homes
 - Schools
 - Commercial/Industrial
 - Animal Housing
 - Equipment Storage
 - Metal Shed
- Transportation (BTS)**
- Interstate Highway
 - US Highway
 - State Highway
- Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)**
- City, Village or Town
 - Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN\GeneralRoute, P:\2007\0718\0025_00_CAPX\GIS\Maps\WI_CPCN\GeneralRoute
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Sheet Map 60

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- - - Parcels

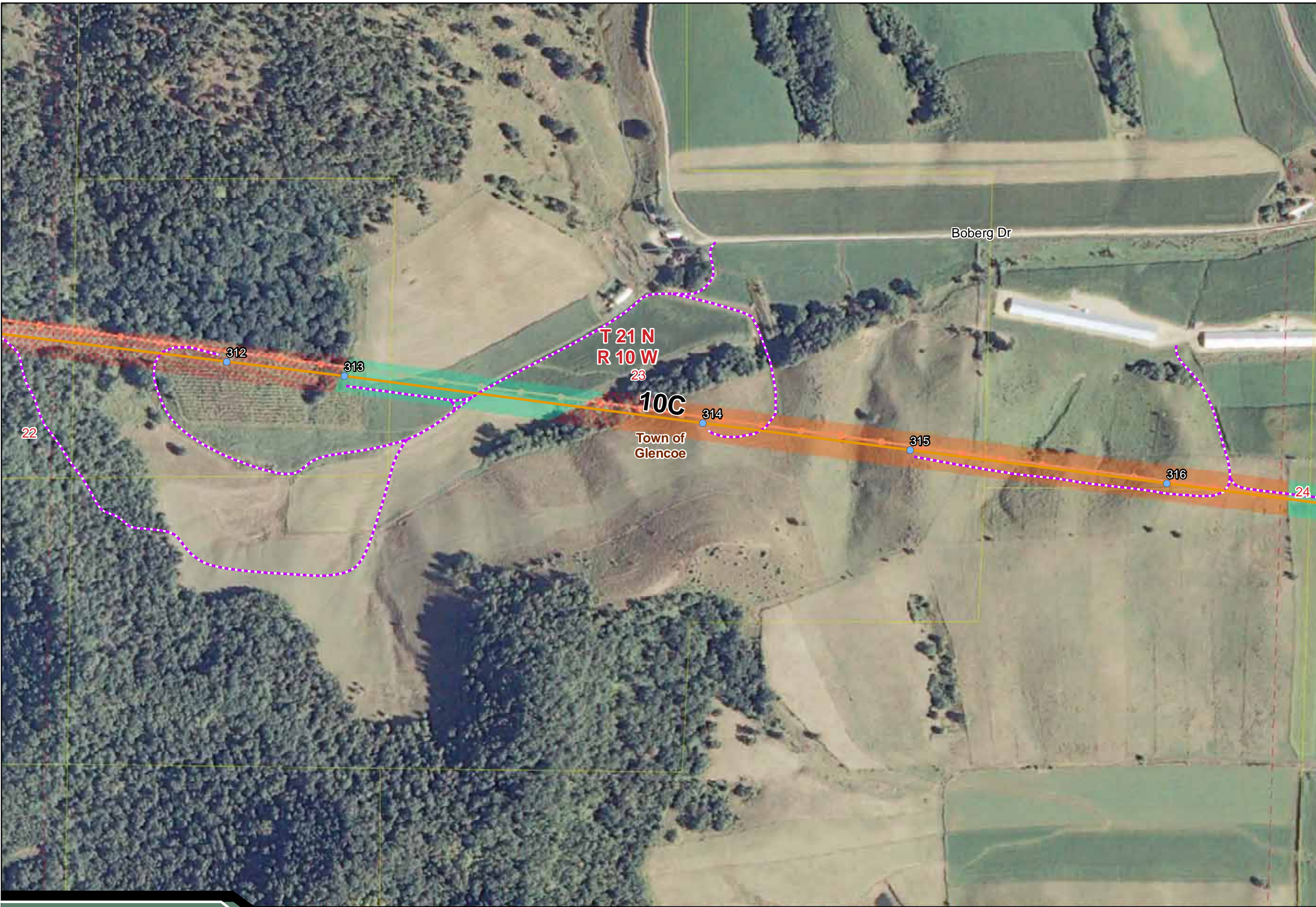


Sheet Map Index



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap, WI_CPCN_SheetMap, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN_GeneralRoute, P:\2007\0718\0025_00_CAPX\GIS\Maps\WI_CPCN_GeneralRoute

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Sheet Map 61

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint

Access Route

- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land

Road

- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

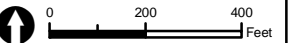
- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

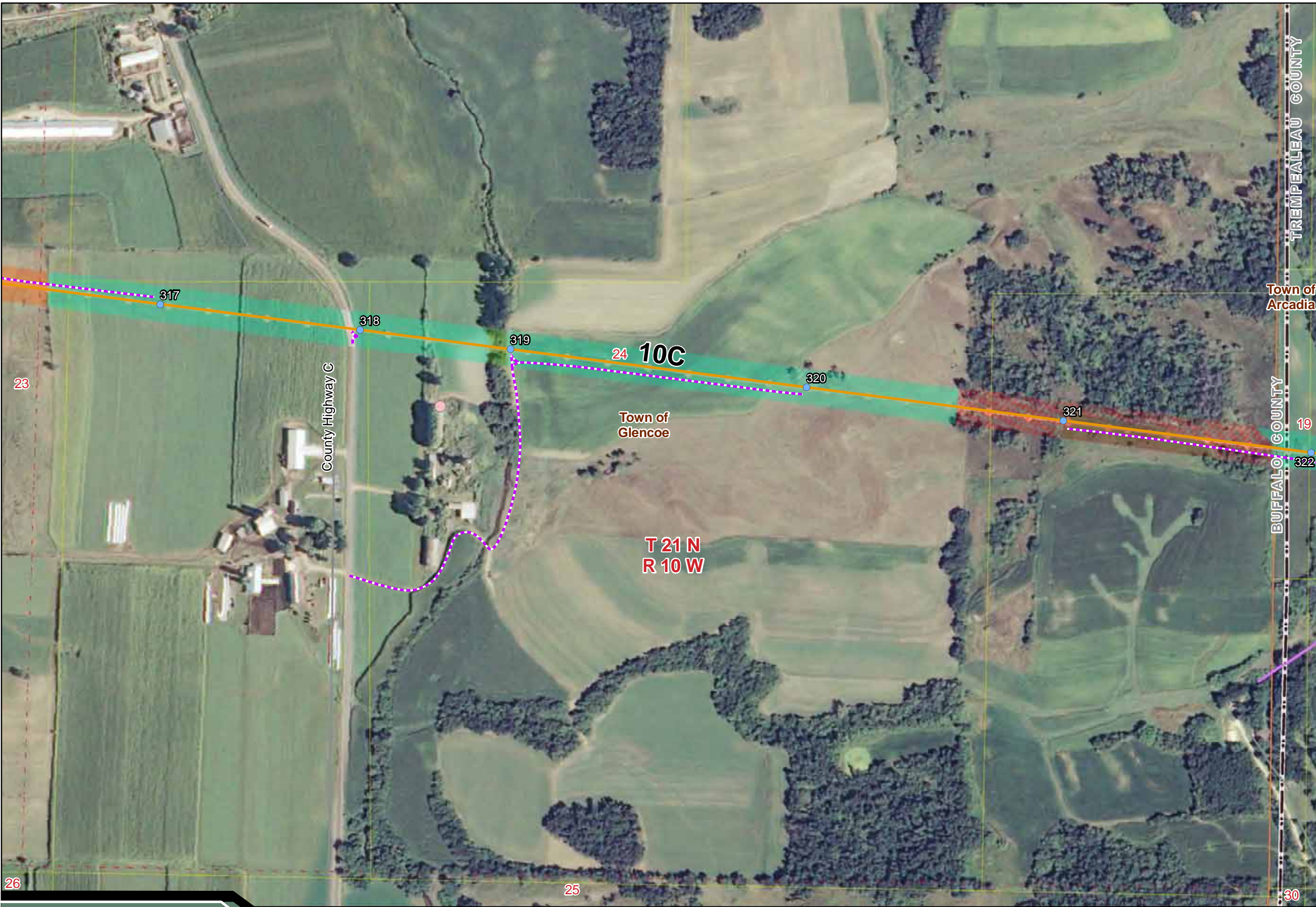
- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap
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Sheet Map 62

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint

Access Route

- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

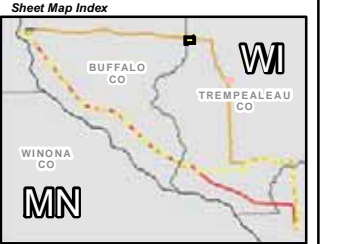
- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

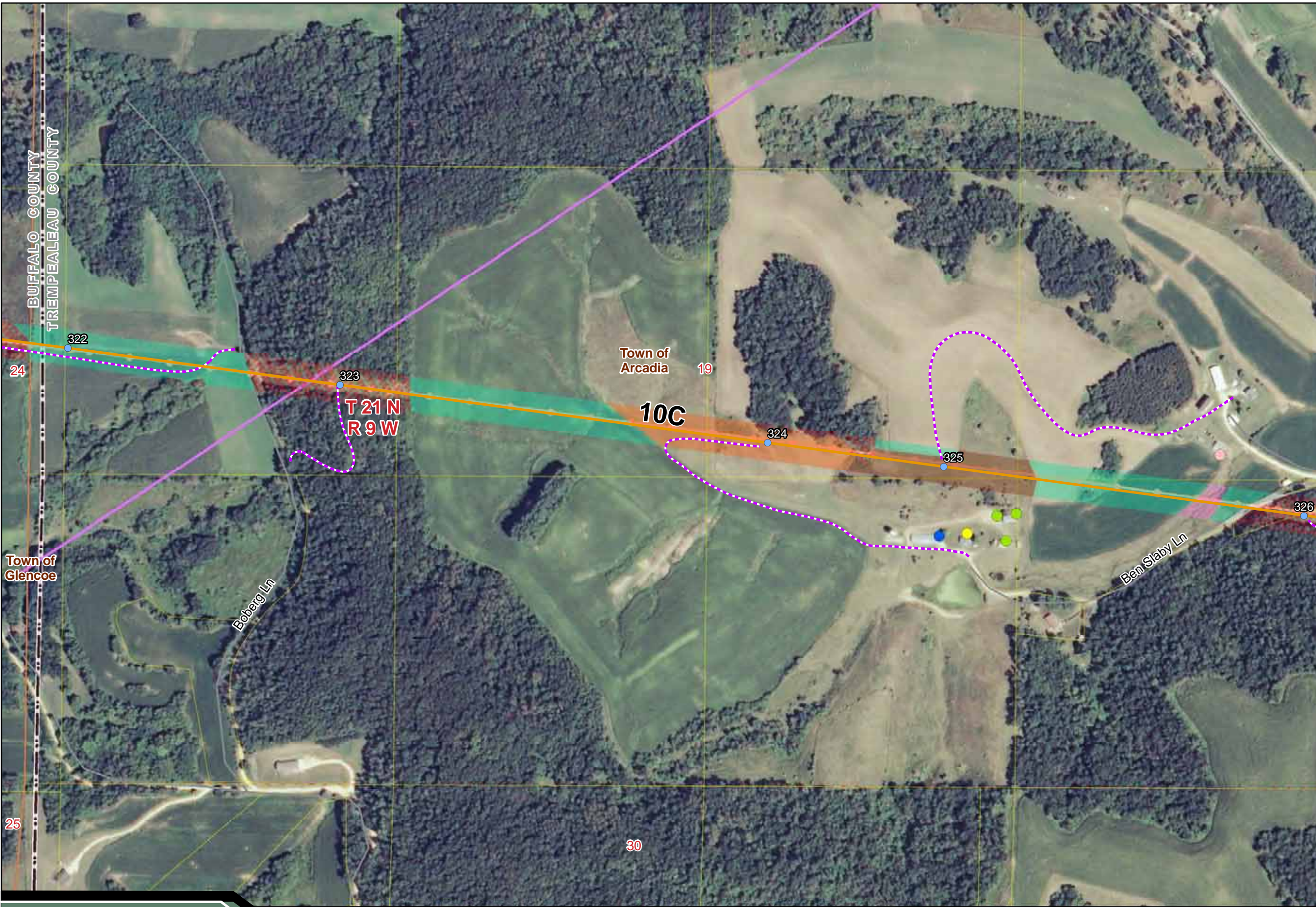
- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap
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Sheet Map 63

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint

Access Route

- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land

Road

- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

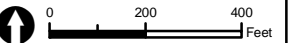
- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap
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 Aerial Photography Published by National Agriculture Imagery Program (NAIP), 2008



Sheet Map 64

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- Segment Endpoint
- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- City, Village or Town
- Parcels



Sheet Map Index



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap, WI_CPCN_SheetMap, P:\2007\0718\0025_00_CAPX\GIS\Map\WI_CPCN_GeneralRoute, P:\2007\0718\0025_00_CAPX\GIS\Map\WI_CPCN_GeneralRoute

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Sheet Map 65

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

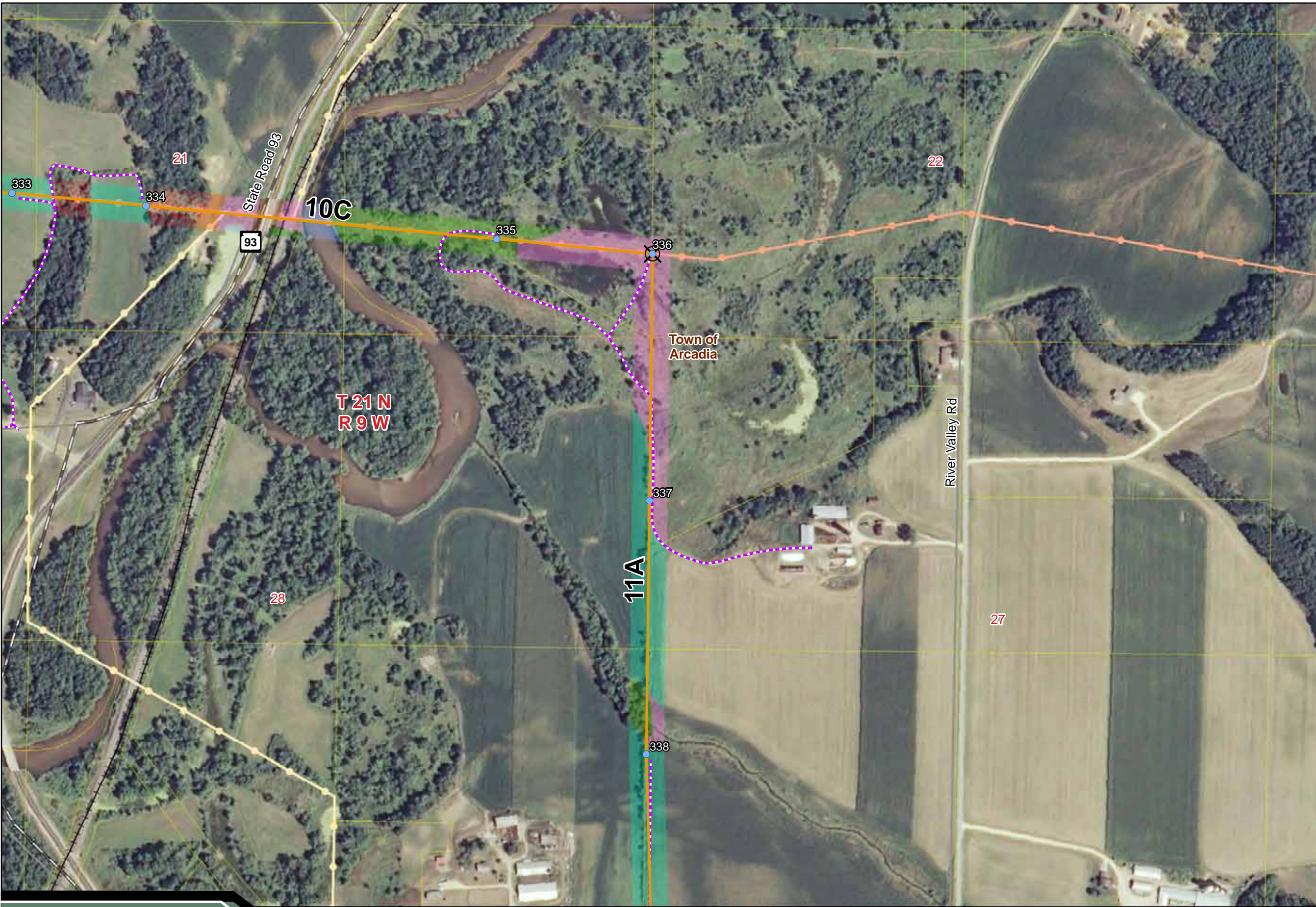
- - - City, Village or Town
- Parcels



Sheet Map Index



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap
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 Aerial Photography Published by National Agriculture Imagery Program (NAIP), 2008



Sheet Map 66

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- Parcels



Sheet Map Index



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap
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 Aerial Photography Published by National Agriculture Imagery Program (NAIP), 2008



Sheet Map 67

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- Parcels



Sheet Map Index



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN\GeneralRoute P:\2007\0718\0025_00_CAPX\GIS\Maps\WI_CPCN\GeneralRoute

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Sheet Map 68

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

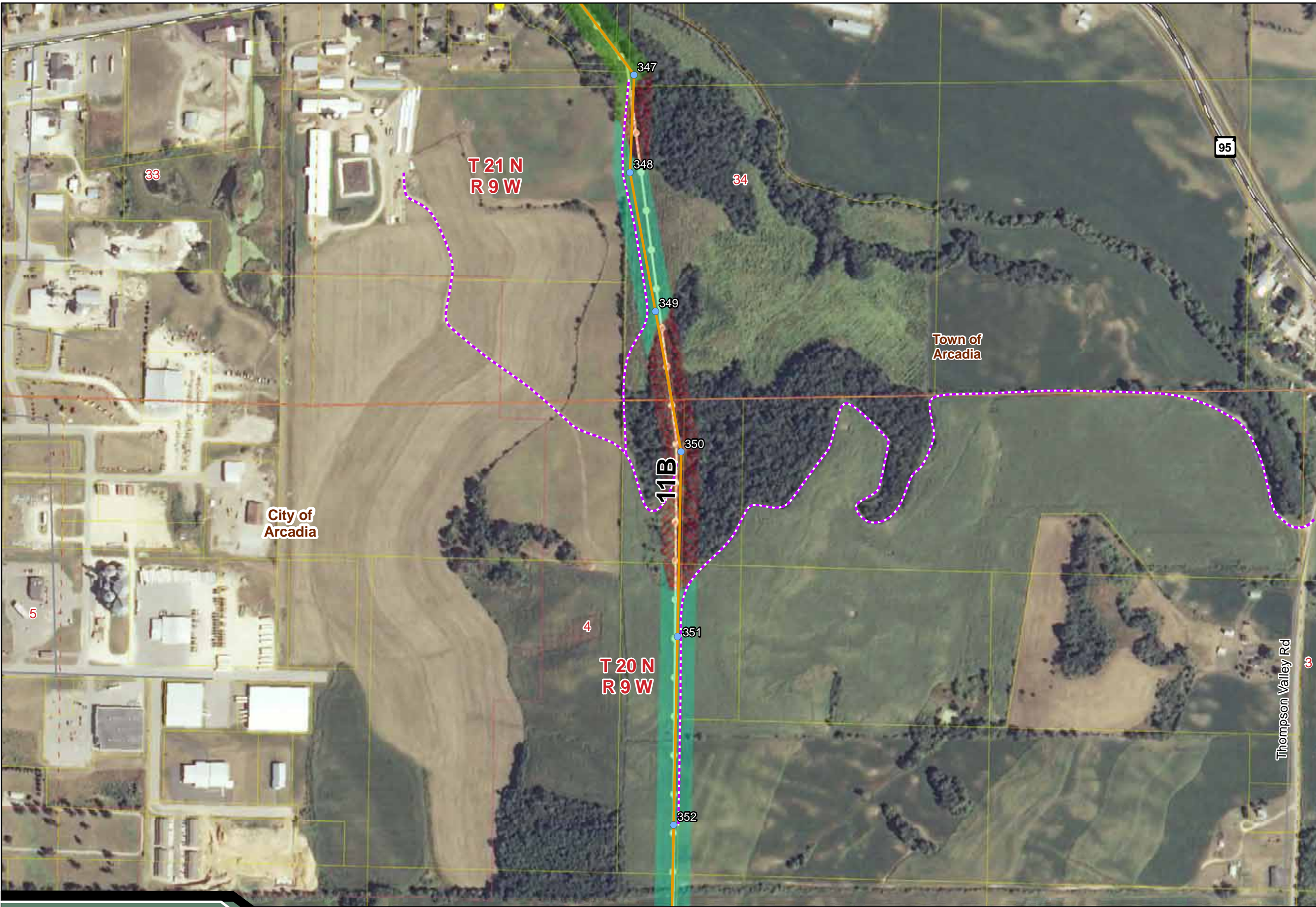
Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN_GeneralRoute, P:\2007\0718\0025_00_CAPX\GIS\Maps\WI_CPCN_GeneralRoute

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Sheet Map 69

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

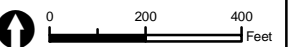
- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

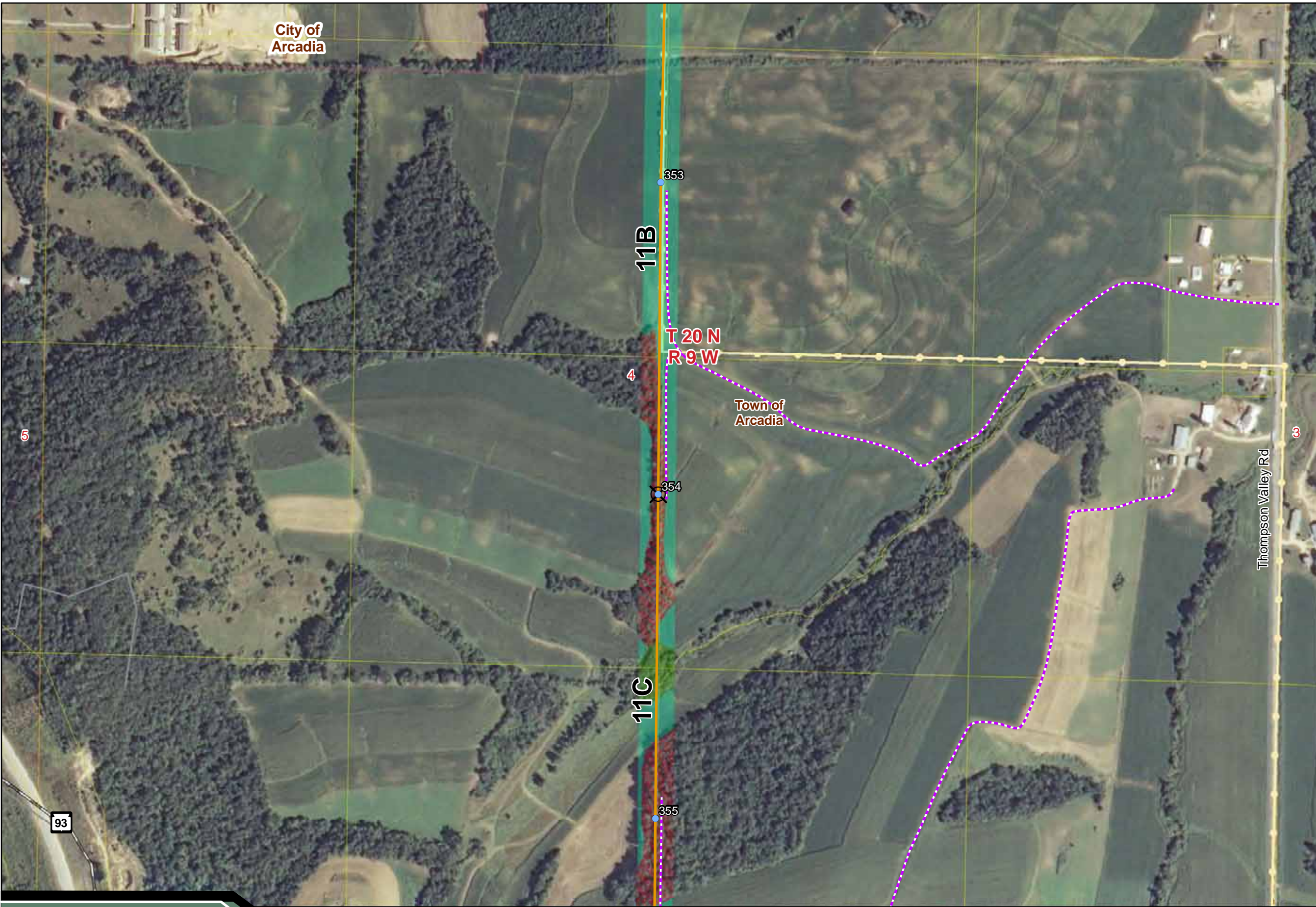
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- Parcels



Sheet Map Index



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap
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Sheet Map 70

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint

Access Route

- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap
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Sheet Map 71

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

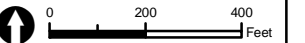
- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap
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Sheet Map 72

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint

Access Route

- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap
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Sheet Map 73

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap
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Sheet Map 74

Legend

- Proposed Transmission Line Alternatives**
- Q1-Highway 35 Route
 - Arcadia Route
 - Arcadia-Alma Option
 - Q1-Galesville Route
 - 161kV to Genoa
 - 161kV to Mayfair
 - 161kV to Tremval

- Project Features**
- Transmission Line Structure
 - Segment Endpoint
 - Access Route

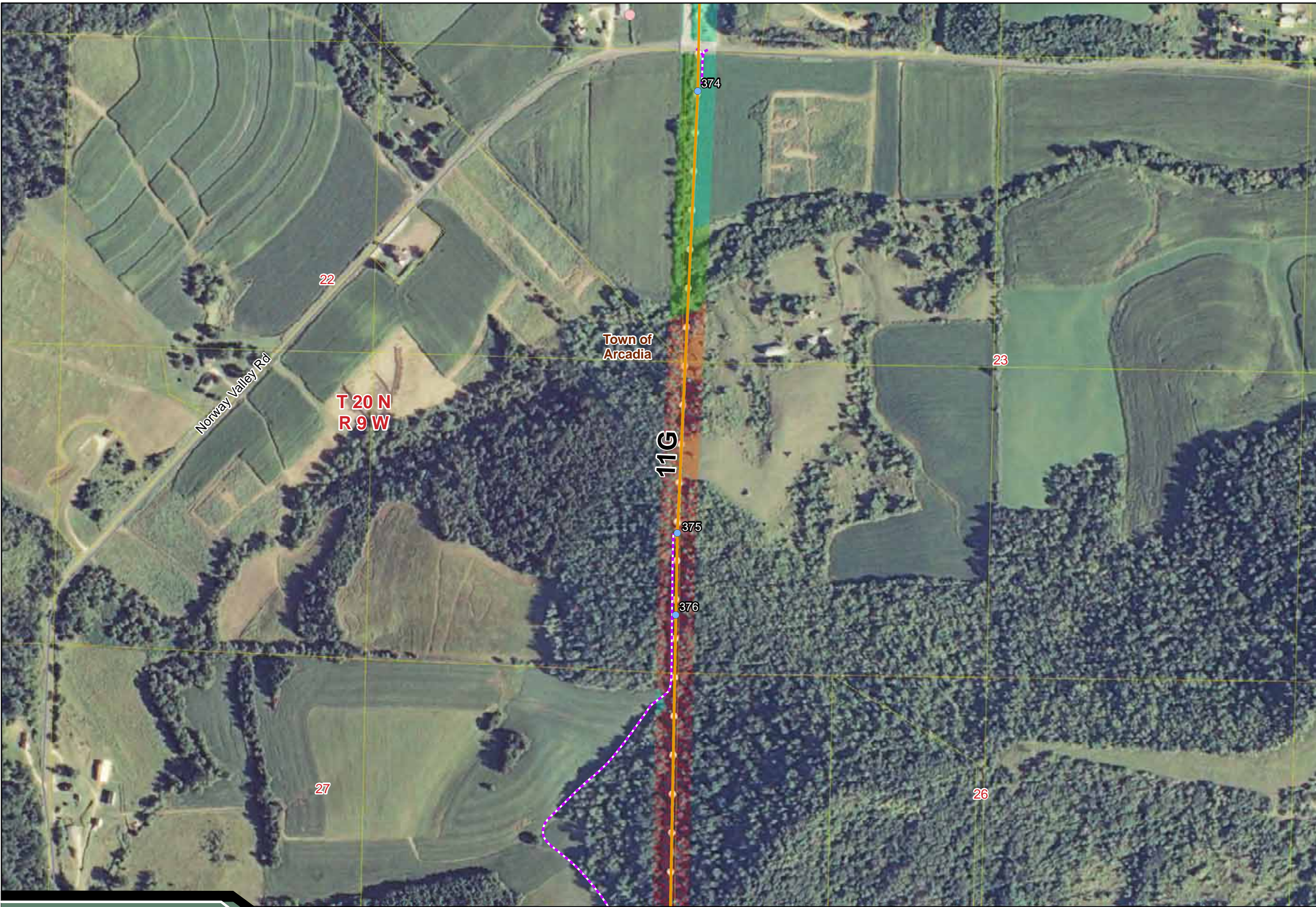
- Existing Utilities (HDR, PSCW)**
- Substation
 - Proposed Substation Siting Area
 - 69 kV Transmission Line
 - 161 kV Transmission Line
 - Natural Gas Pipeline

- Land Cover (Stantec)**
- Residential
 - Commercial/Industrial
 - Golf Course
 - Cropland
 - Prairie/Grassland
 - Pasture
 - Specialty
 - Forested Wetland
 - Non-Forested Wetland
 - Upland Forest
 - Upland Shrub Land
 - Road
 - Waterway
 - Railroad
- Structures (Stantec, NAIP 2008)**
- Homes
 - Schools
 - Commercial/Industrial
 - Animal Housing
 - Equipment Storage
 - Metal Shed
- Transportation (BTS)**
- Interstate Highway
 - US Highway
 - State Highway
- Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)**
- City, Village or Town
 - Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap, WI_CPCN_SheetMap, P:\2007\0718\0025\00_CAPX\GIS\Layouts\WI_CPCN_GeneralRoute, P:\2007\0718\0025\00_CAPX\GIS\Maps\WI_CPCN_GeneralRoute

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Sheet Map 75

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint

Access Route

- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land

Road

- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- Parcels



Sheet Map Index



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap
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Sheet Map 76

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- Parcels



Sheet Map Index



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap P:2007/0718/0025.00_CAPX/GIS/Layouts/WI_CPCN/GeneralRoute P:2007/0718/0025.00_CAPX/GIS/Map/WI_CPCN/GeneralRoute
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Sheet Map 77

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land

Road

- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- Parcels



Sheet Map Index



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap, WI_CPCN_SheetMap, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN_GeneralRoute, P:\2007\0718\0025_00_CAPX\GIS\Maps\WI_CPCN_GeneralRoute

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Sheet Map 78

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- Segment Endpoint
- Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land

Road

- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- City, Village or Town
- Parcels



Sheet Map Index



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN_GeneralRoute, P:\2007\0718\0025_00_CAPX\GIS\Map\WI_CPCN_GeneralRoute

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Sheet Map 79

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land

- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

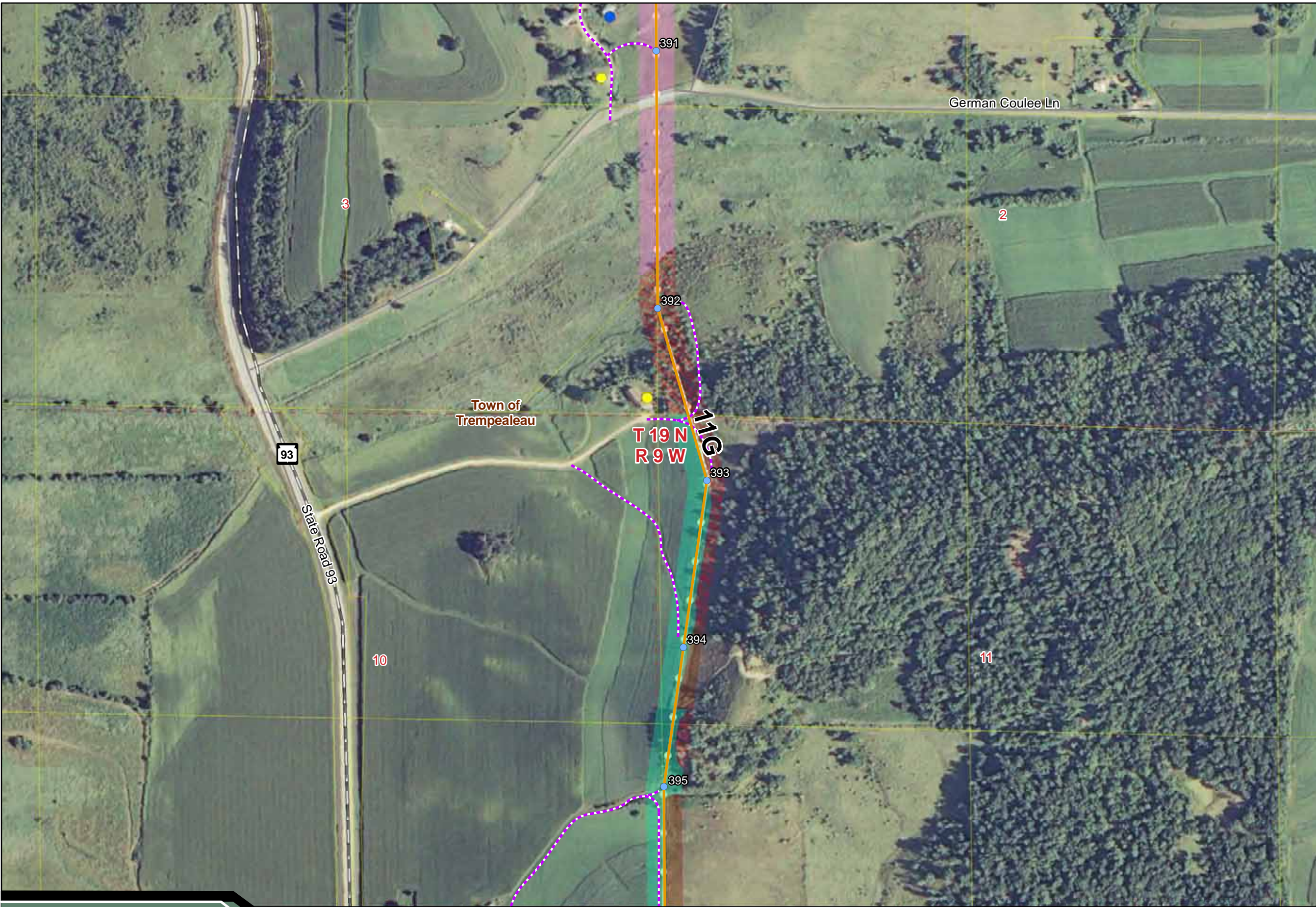
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- Parcels



Sheet Map Index



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap
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Sheet Map 80

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

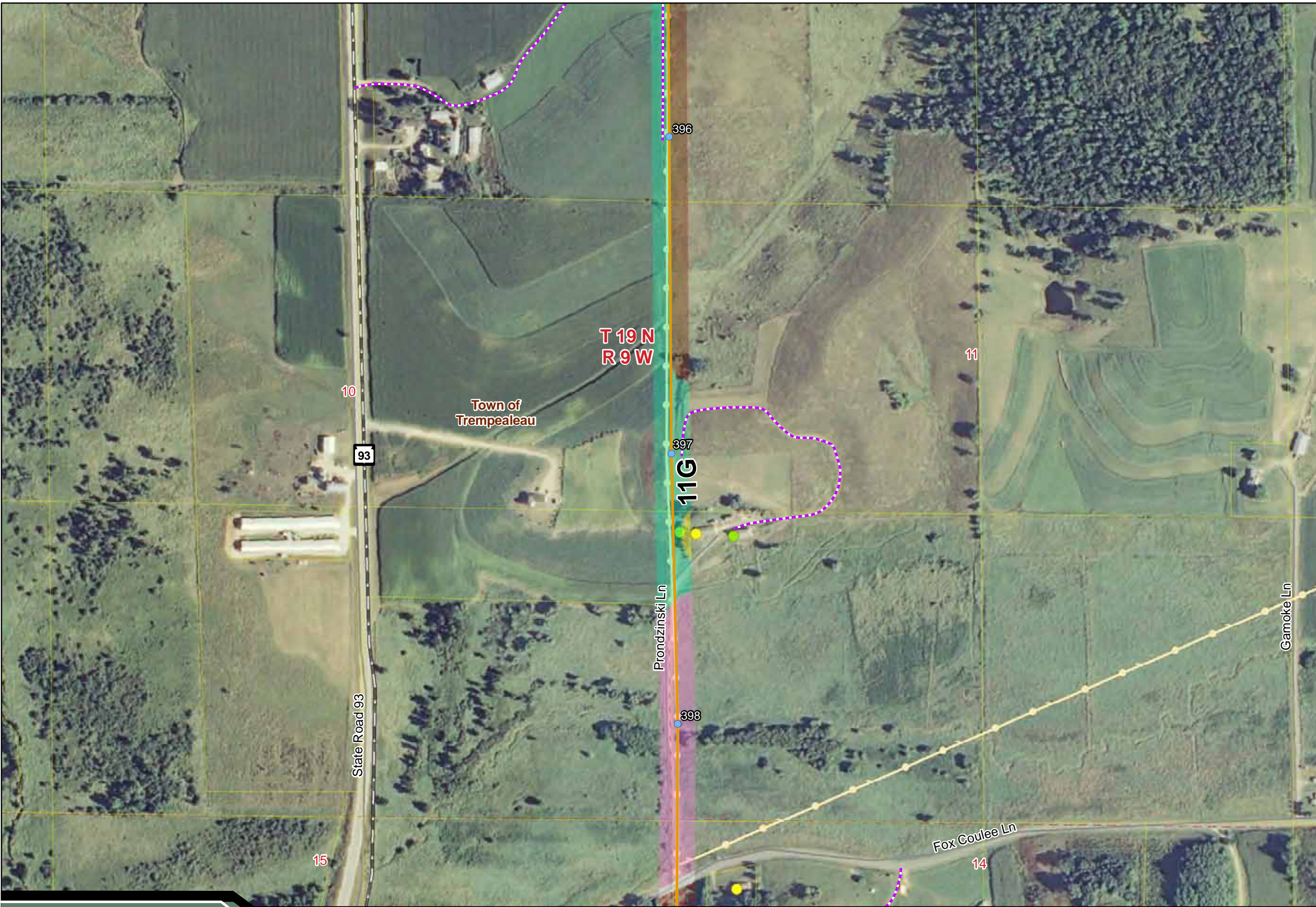
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- Parcels



Sheet Map Index



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap P:200707180025.00, CAPX\GIS\Layouts\WI_CPCN\GeneralRoute P:200707180025.00, CAPX\GIS\Maps\WI_CPCN\GeneralRoute
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Sheet Map 81

Legend

- Proposed Transmission Line Alternatives**
- Q1-Highway 35 Route
 - Arcadia Route
 - Arcadia-Alma Option
 - Q1-Galesville Route
 - 161kV to Genoa
 - 161kV to Mayfair
 - 161kV to Tremval

- Project Features**
- Transmission Line Structure
 - Segment Endpoint
 - Access Route

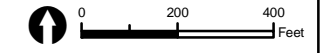
- Existing Utilities (HDR, PSCW)**
- Substation
 - Proposed Substation Siting Area
 - 69 kV Transmission Line
 - 161 kV Transmission Line
 - Natural Gas Pipeline

- Land Cover (Stantec)**
- Residential
 - Commercial/Industrial
 - Golf Course
 - Cropland
 - Prairie/Grassland
 - Pasture
 - Specialty
 - Forested Wetland
 - Non-Forested Wetland
 - Upland Forest
 - Upland Shrub Land
 - Road
 - Waterway
 - Railroad

- Structures (Stantec, NAIP 2008)**
- Homes
 - Schools
 - Commercial/Industrial
 - Animal Housing
 - Equipment Storage
 - Metal Shed

- Transportation (BTS)**
- Interstate Highway
 - US Highway
 - State Highway

- Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)**
- City, Village or Town
 - Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap, WI_CPCN_SheetMap, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN\GeneralRoute, P:\2007\0718\0025_00_CAPX\GIS\Maps\WI_CPCN\GeneralRoute

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Sheet Map 82

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- Parcels

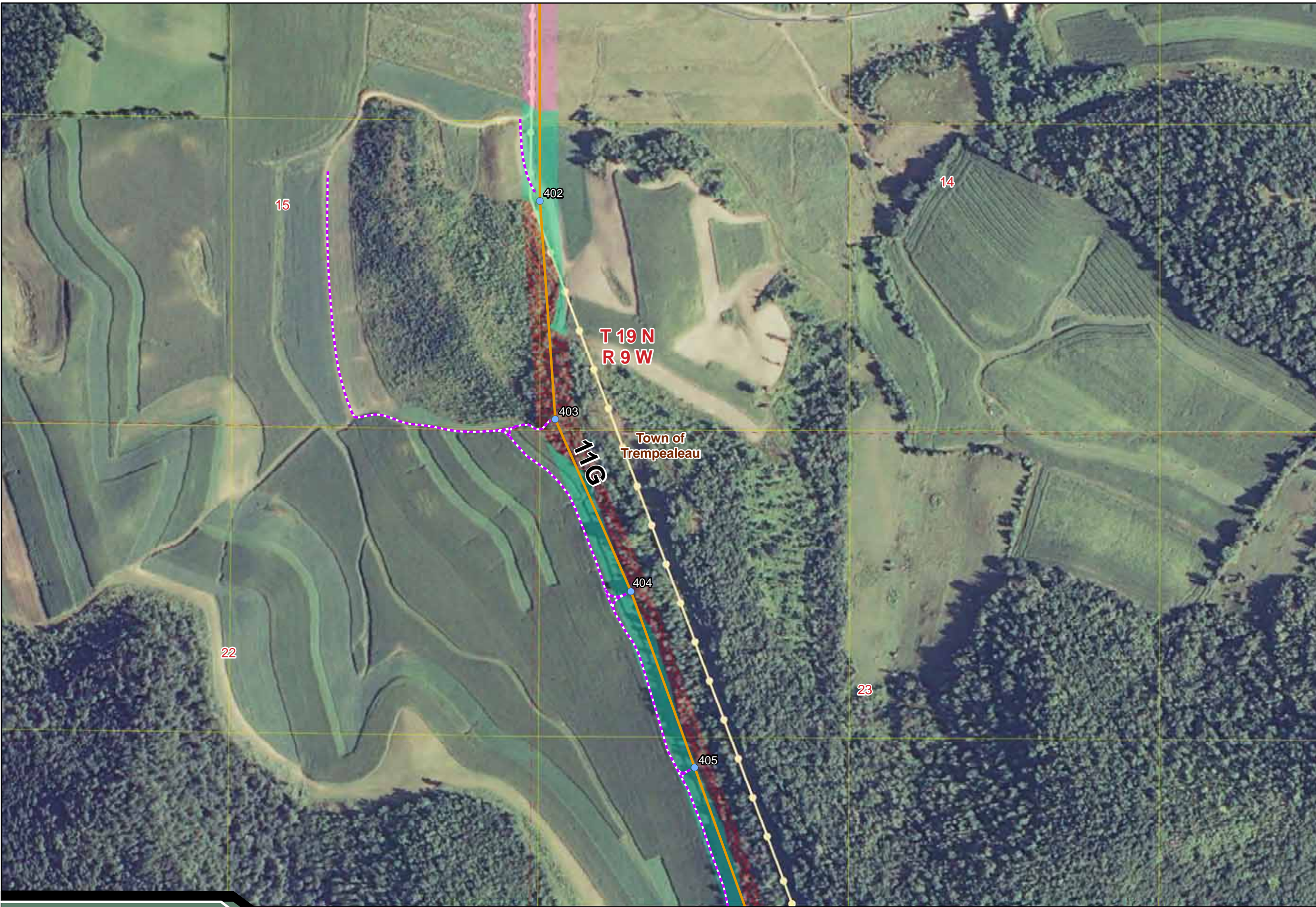


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Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN_GeneralRoute, P:\2007\0718\0025_00_CAPX\GIS\Map\WI_CPCN_GeneralRoute

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Sheet Map 83

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- Parcels



Sheet Map Index



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap
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Sheet Map 84

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land

Road

- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- Parcels



Sheet Map Index



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap, P:\2007\0718\0025_00_CAPX\GIS\Map\WI_CPCN\GeneralRoute, P:\2007\0718\0025_00_CAPX\GIS\Map\WI_CPCN\GeneralRoute

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Sheet Map 85

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- Parcels



Sheet Map Index



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap
 P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN\GeneralRoute
 P:\2007\0718\0025_00_CAPX\GIS\Map\WI_CPCN\GeneralRoute
 Aerial Photography Published by National Agriculture Imagery Program (NAIP), 2008



Sheet Map 86

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- Parcels



Sheet Map Index



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap, WI_CPCN_SheetMap, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN_GeneralRoute, P:\2007\0718\0025_00_CAPX\GIS\Maps\WI_CPCN_GeneralRoute

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Alternate alignment to eliminate road crossing. May require removal of a residence.

Sheet Map 87

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint

Access Route

- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- Parcels



Sheet Map Index



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap, WI_CPCN_SheetMap, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN\GeneralRoute, P:\2007\0718\0025_00_CAPX\GIS\Map\WI_CPCN\GeneralRoute

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Alternate alignment to eliminate road crossing. May require removal of a residence.



Sheet Map 88

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land

Road

- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- City, Village or Town
- Parcels



Sheet Map Index



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap, WI_CPCN_SheetMap, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN_GeneralRoute, P:\2007\0718\0025_00_CAPX\GIS\Maps\WI_CPCN_GeneralRoute

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Sheet Map 89

Legend

- Proposed Transmission Line Alternatives**
- Q1-Highway 35 Route
 - Arcadia Route
 - Arcadia-Alma Option
 - Q1-Galesville Route
 - 161kV to Genoa
 - 161kV to Mayfair
 - 161kV to Tremval

- Project Features**
- Transmission Line Structure
 - Segment Endpoint
 - Access Route

- Existing Utilities (HDR, PSCW)**
- Substation
 - Proposed Substation Siting Area
 - 69 kV Transmission Line
 - 161 kV Transmission Line
 - Natural Gas Pipeline

- Land Cover (Stantec)**
- Residential
 - Commercial/Industrial
 - Golf Course
 - Cropland
 - Prairie/Grassland
 - Pasture
 - Specialty
 - Forested Wetland
 - Non-Forested Wetland
 - Upland Forest
 - Upland Shrub Land

- Structures (Stantec, NAIP 2008)**
- Road
 - Waterway
 - Railroad

- Structures (Stantec, NAIP 2008)**
- Homes
 - Schools
 - Commercial/Industrial
 - Animal Housing
 - Equipment Storage
 - Metal Shed

- Transportation (BTS)**
- Interstate Highway
 - US Highway
 - State Highway

- Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)**
- City, Village or Town
 - Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap, WI_CPCN_SheetMap, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN_GeneralRoute, P:\2007\0718\0025_00_CAPX\GIS\Maps\WI_CPCN_GeneralRoute

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Alternate alignment to eliminate road crossing. May require removal of a residence.



Sheet Map 90

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

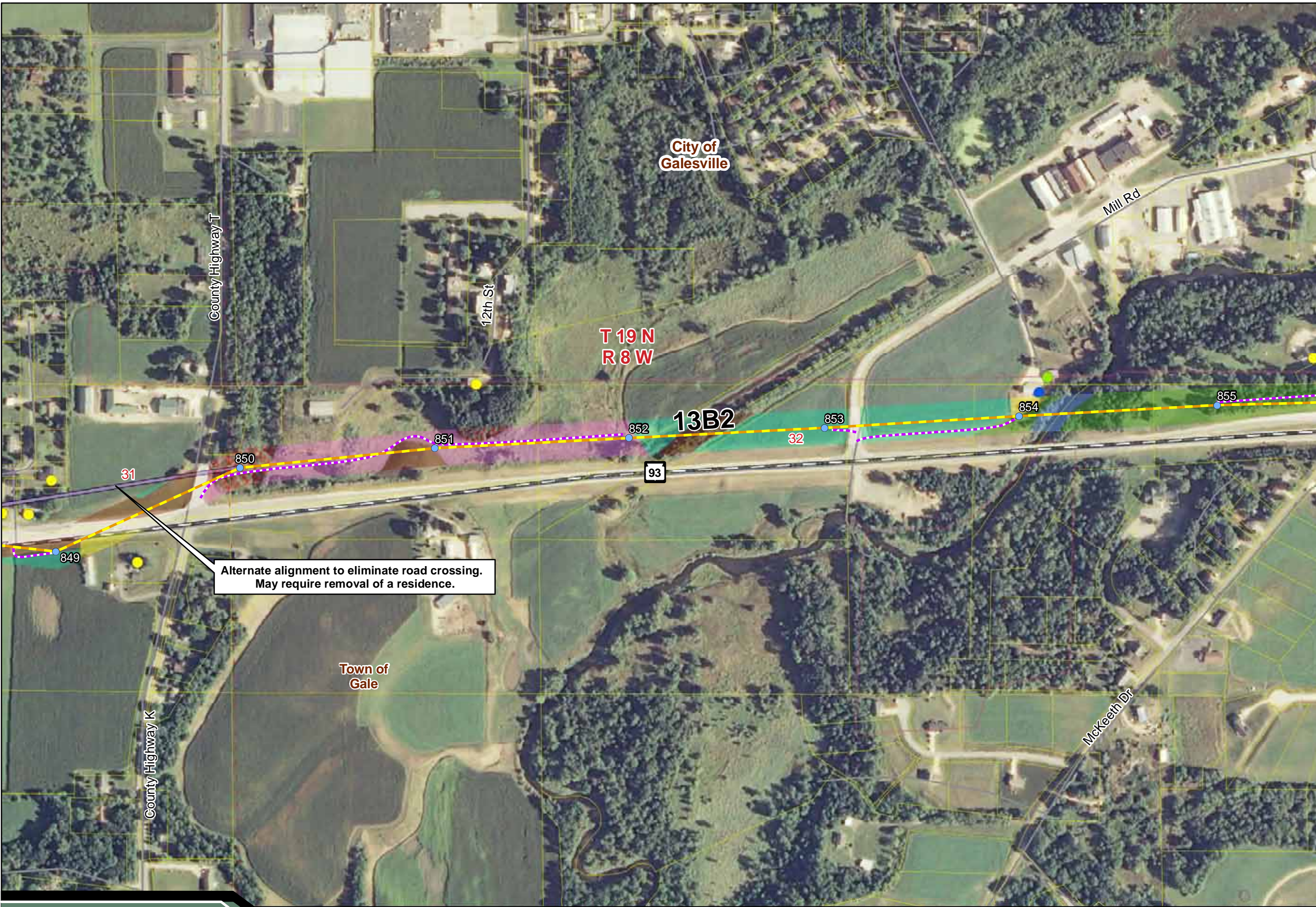
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- Parcels



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Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap
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Sheet Map 91

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint

Access Route

- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land

Road

- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

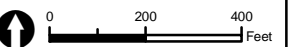
- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- Parcels

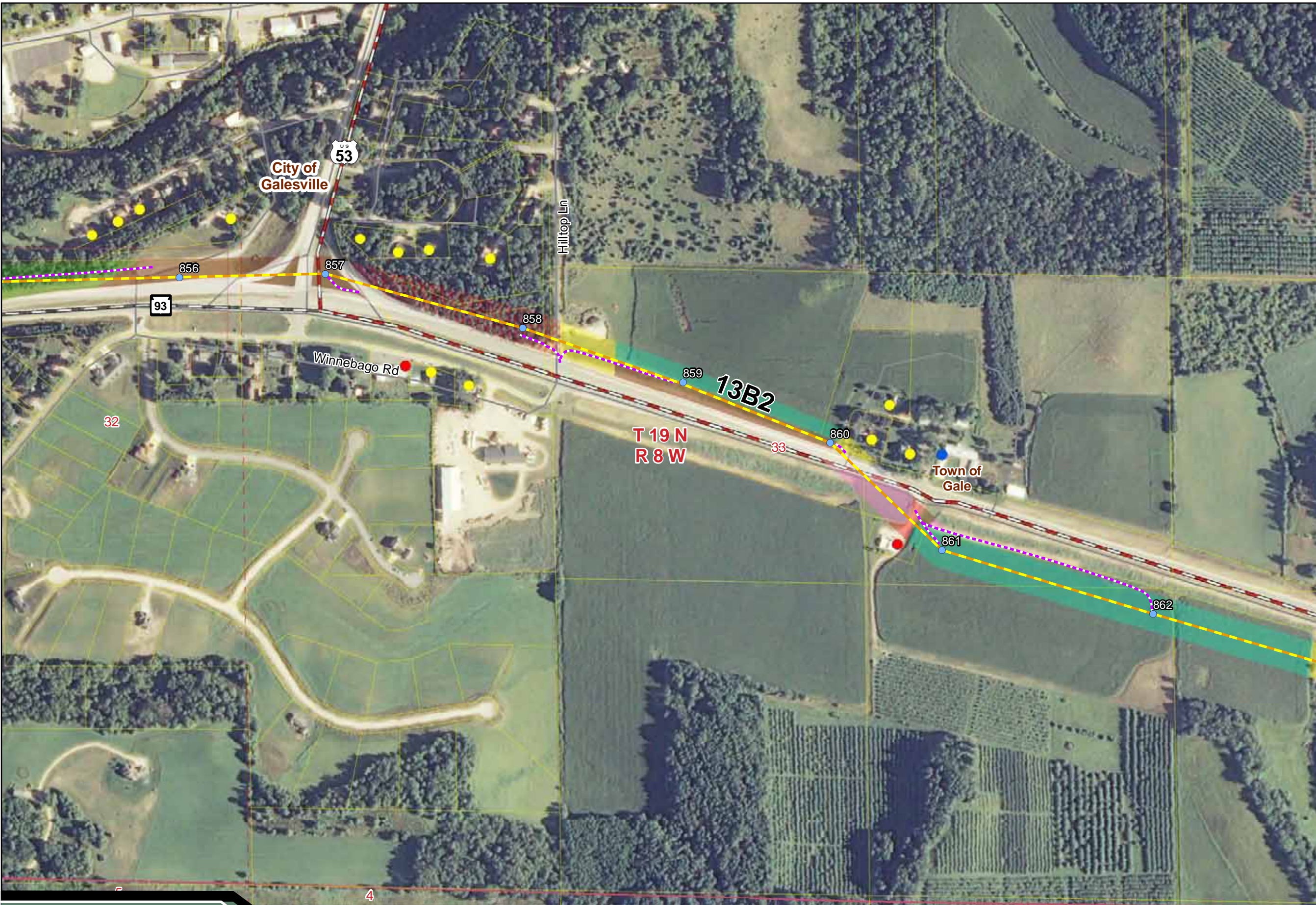


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Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN\GeneralRoute, P:\2007\0718\0025_00_CAPX\GIS\Maps\WI_CPCN\GeneralRoute

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Sheet Map 92

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- City, Village or Town
- Parcels



Sheet Map Index



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN\GeneralRoute, P:\2007\0718\0025_00_CAPX\GIS\Map\WI_CPCN\GeneralRoute

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Sheet Map 93

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- City, Village or Town
- Parcels



Sheet Map Index



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap, WI_CPCN_SheetMap, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN_GeneralRoute, P:\2007\0718\0025_00_CAPX\GIS\Maps\WI_CPCN_GeneralRoute

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Sheet Map 94

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- Parcels



Sheet Map Index



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap
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Sheet Map 95

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- Parcels



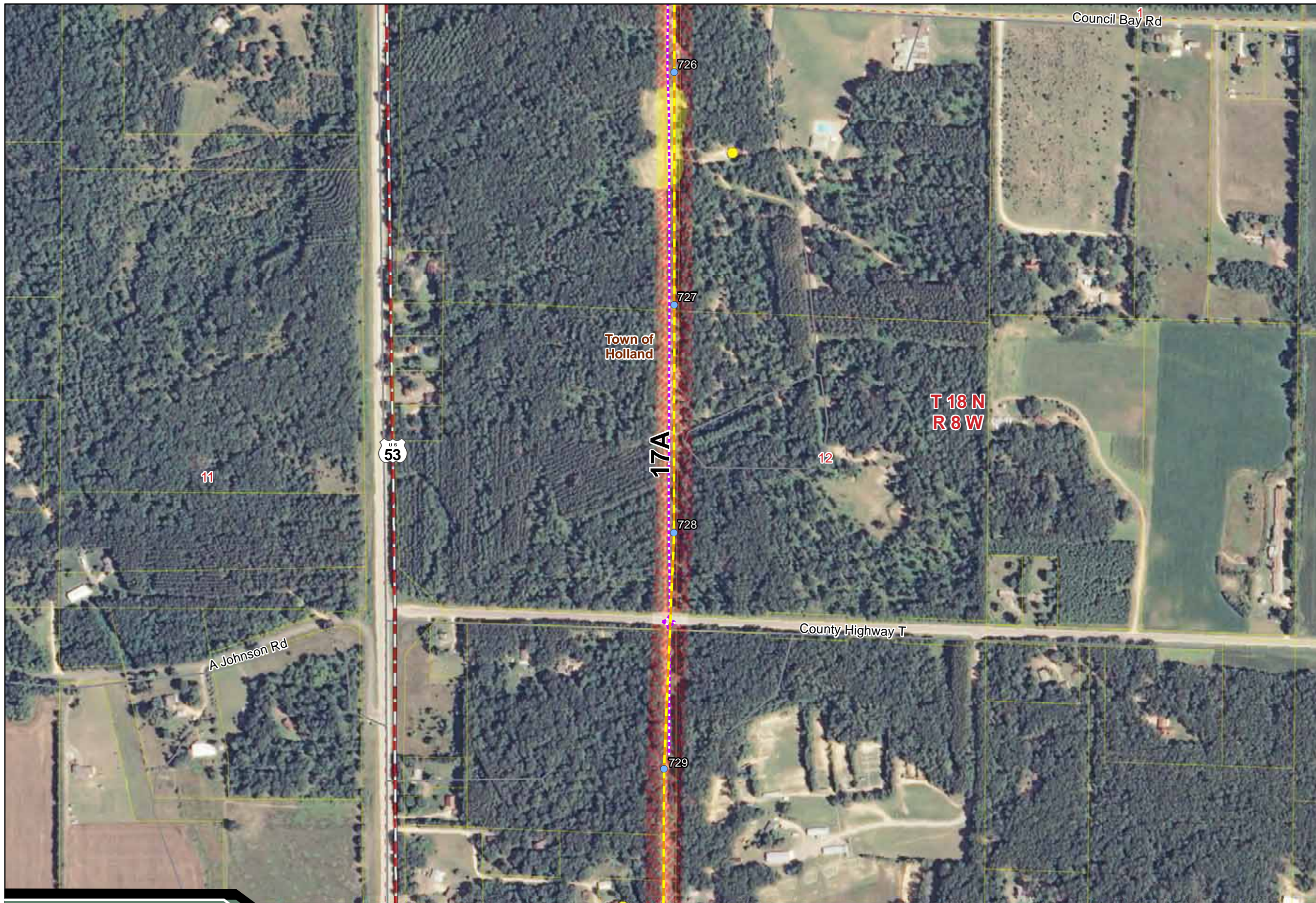
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Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap, P:\2007\0718\0025_00_CAPX\GIS\Map\WI_CPCN\GeneralRoute, P:\2007\0718\0025_00_CAPX\GIS\Map\WI_CPCN\GeneralRoute

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Sheet Map 96

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- Segment Endpoint
- Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- City, Village or Town
- Parcels

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Sheet Map Index

Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap, WI_CPCN_SheetMap, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN_GeneralRoute, P:\2007\0718\0025_00_CAPX\GIS\Maps\WI_CPCN_GeneralRoute

Aerial Photography Published by National Agriculture Imagery Program (NAIP), 2008

Sheet Map 97

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

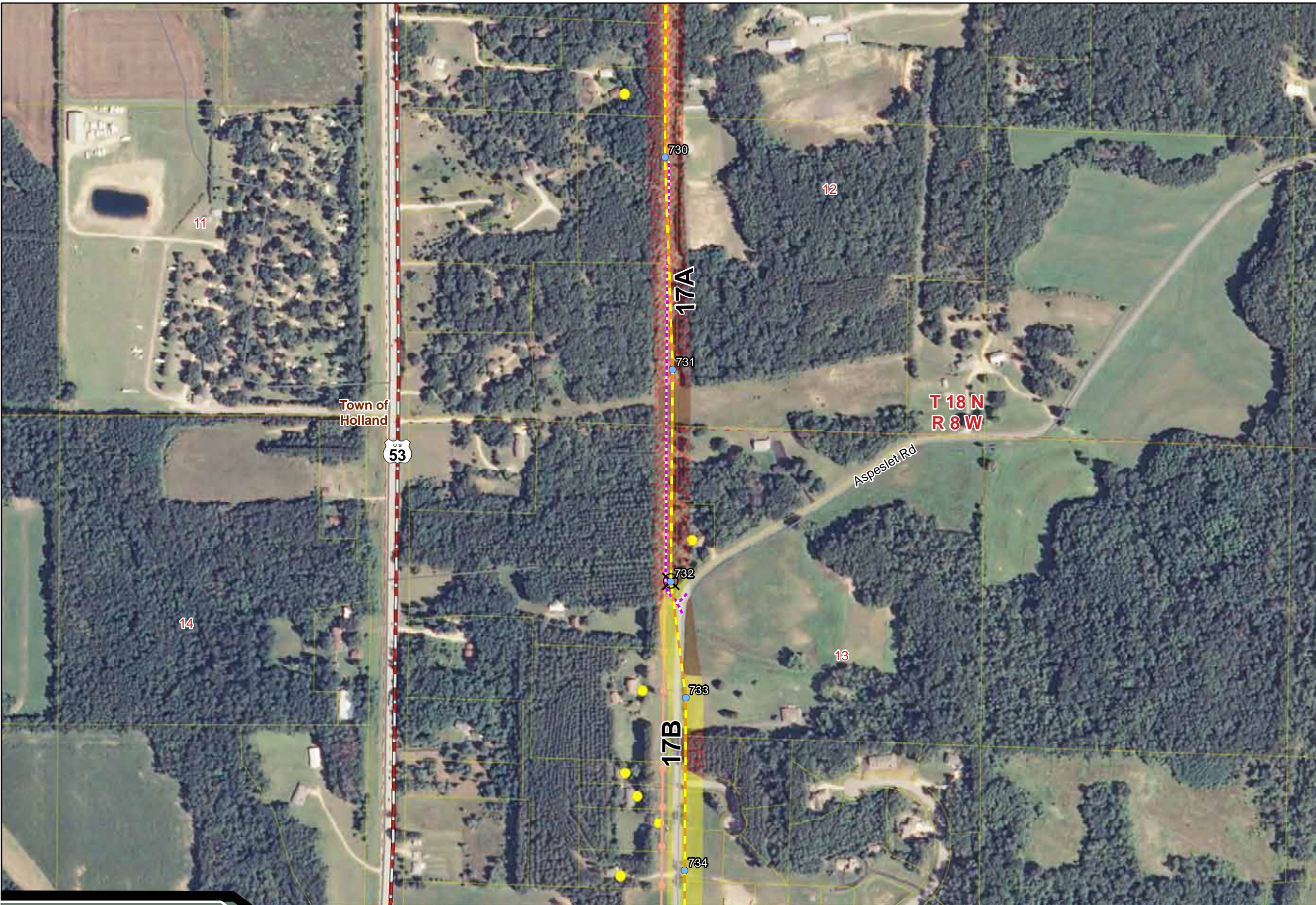
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- Parcels



Sheet Map Index



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap
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 Aerial Photography Published by National Agriculture Imagery Program (NAIP), 2008



Sheet Map 98

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

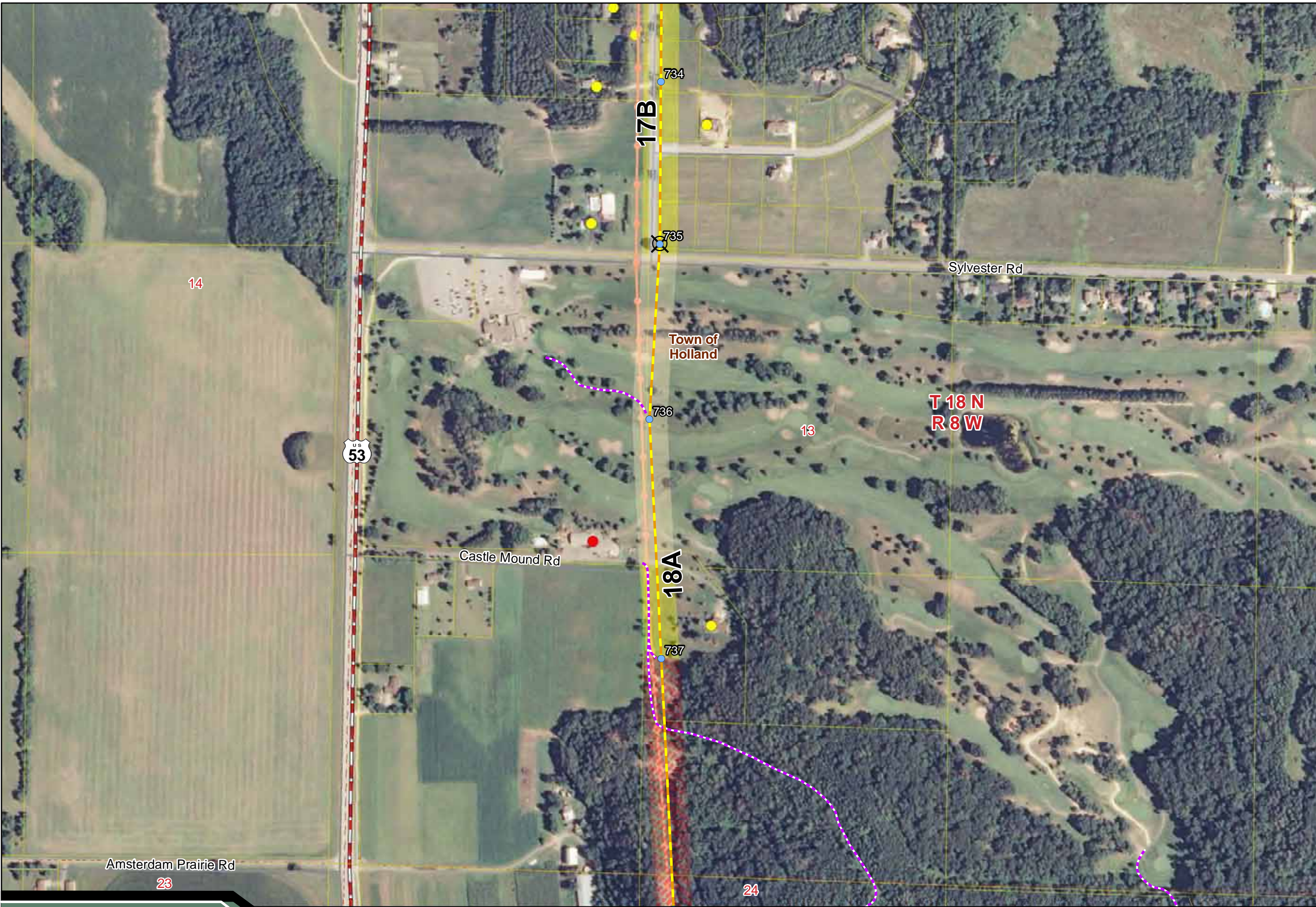
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- Parcels



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Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap
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Sheet Map 99

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
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- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

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- Parcels

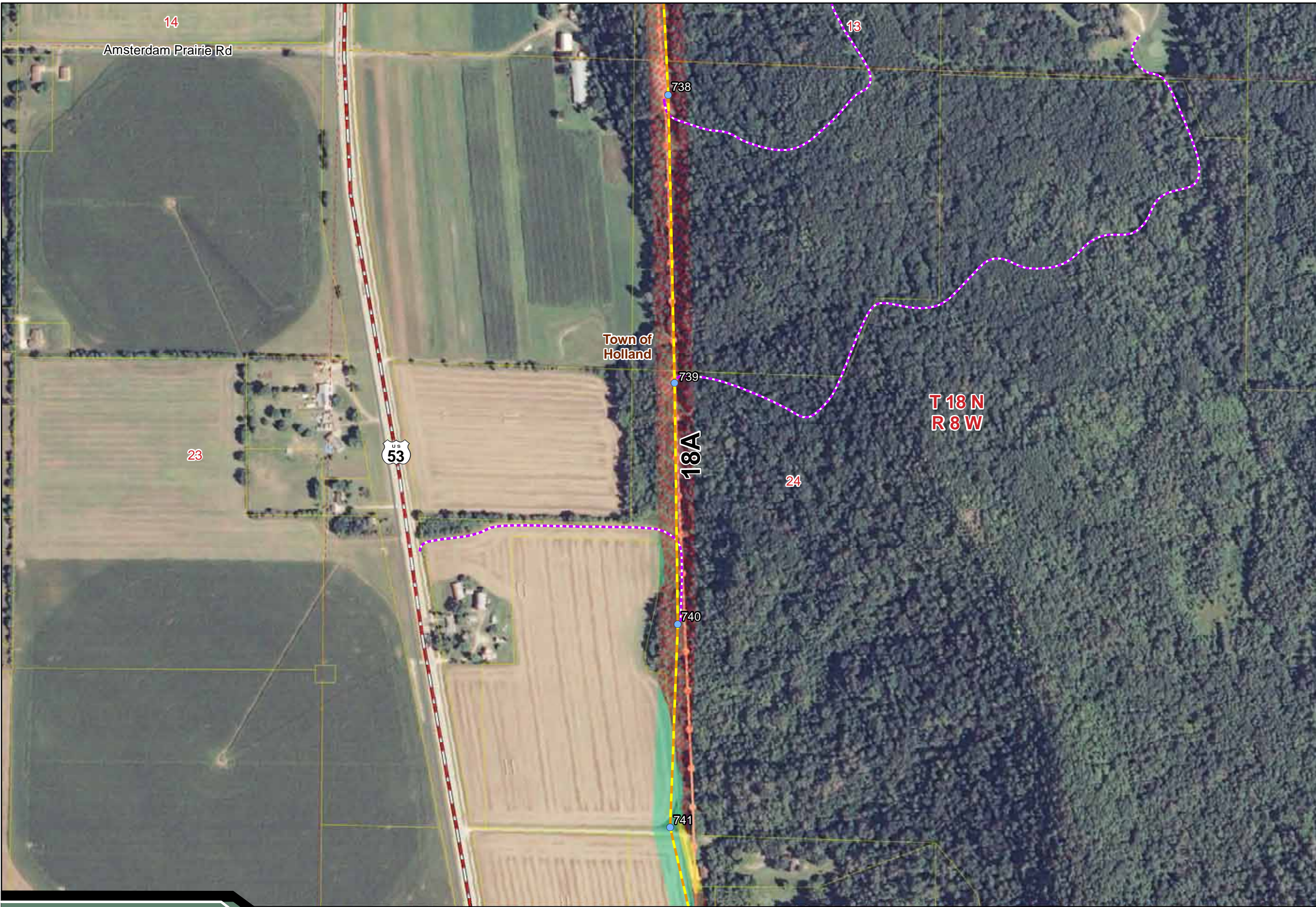


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Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN_GeneralRoute, P:\2007\0718\0025_00_CAPX\GIS\Maps\WI_CPCN_GeneralRoute

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Sheet Map 100

Legend

Proposed Transmission Line Alternatives

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Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- - - Access Route

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- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

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- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
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- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

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Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap
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Sheet Map 101

Legend

Proposed Transmission Line Alternatives

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Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint

Access Route

- - - Access Route

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- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land

- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

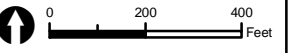
- Homes
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- Animal Housing
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- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

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Sheet Map 102

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
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Project Features

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- ⊗ Segment Endpoint

Access Route

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- Equipment Storage
- Metal Shed

Transportation (BTS)

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- US Highway
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Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

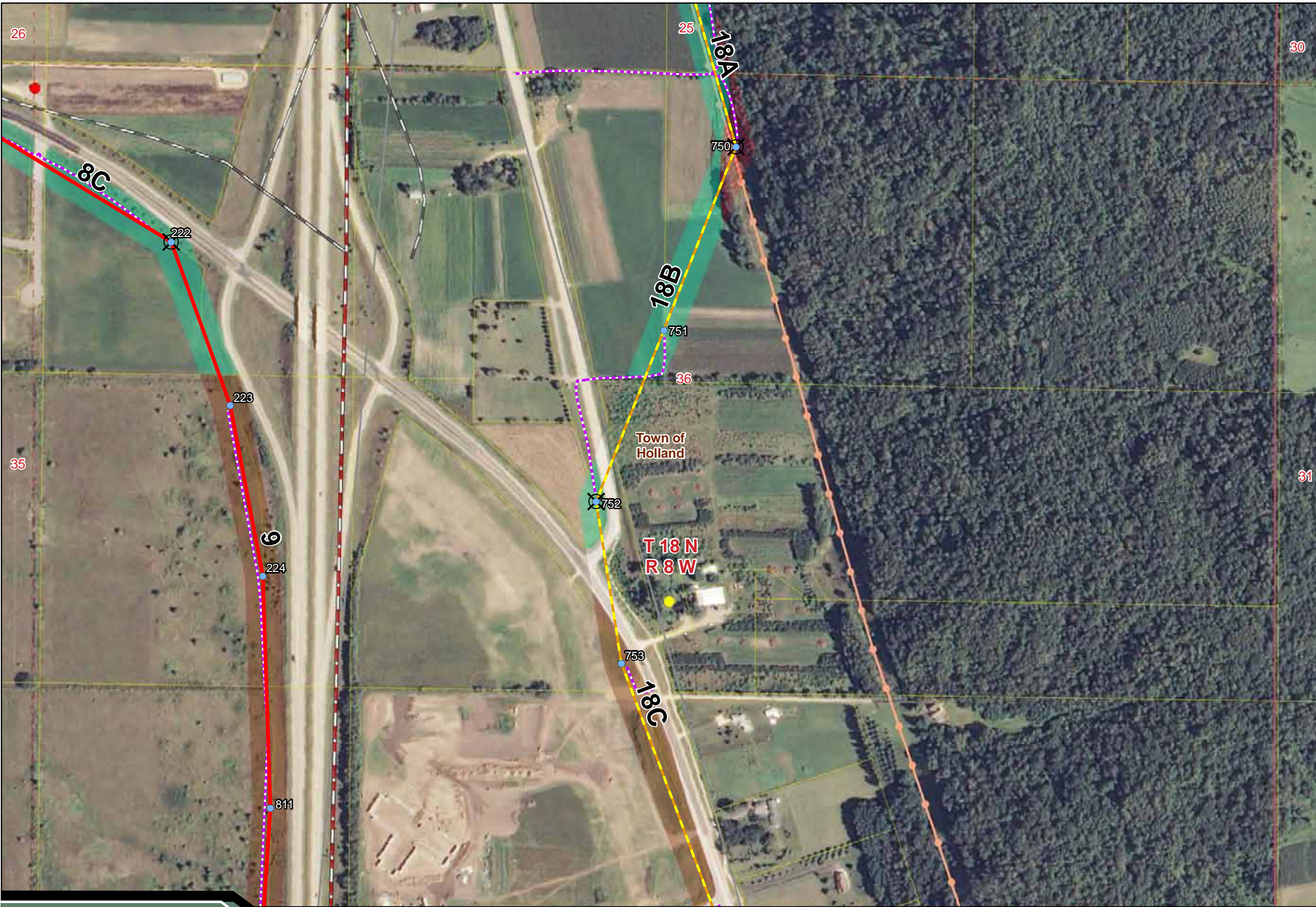
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Sheet Map 103

Legend

Proposed Transmission Line Alternatives

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- Railroad

Structures (Stantec, NAIP 2008)

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- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

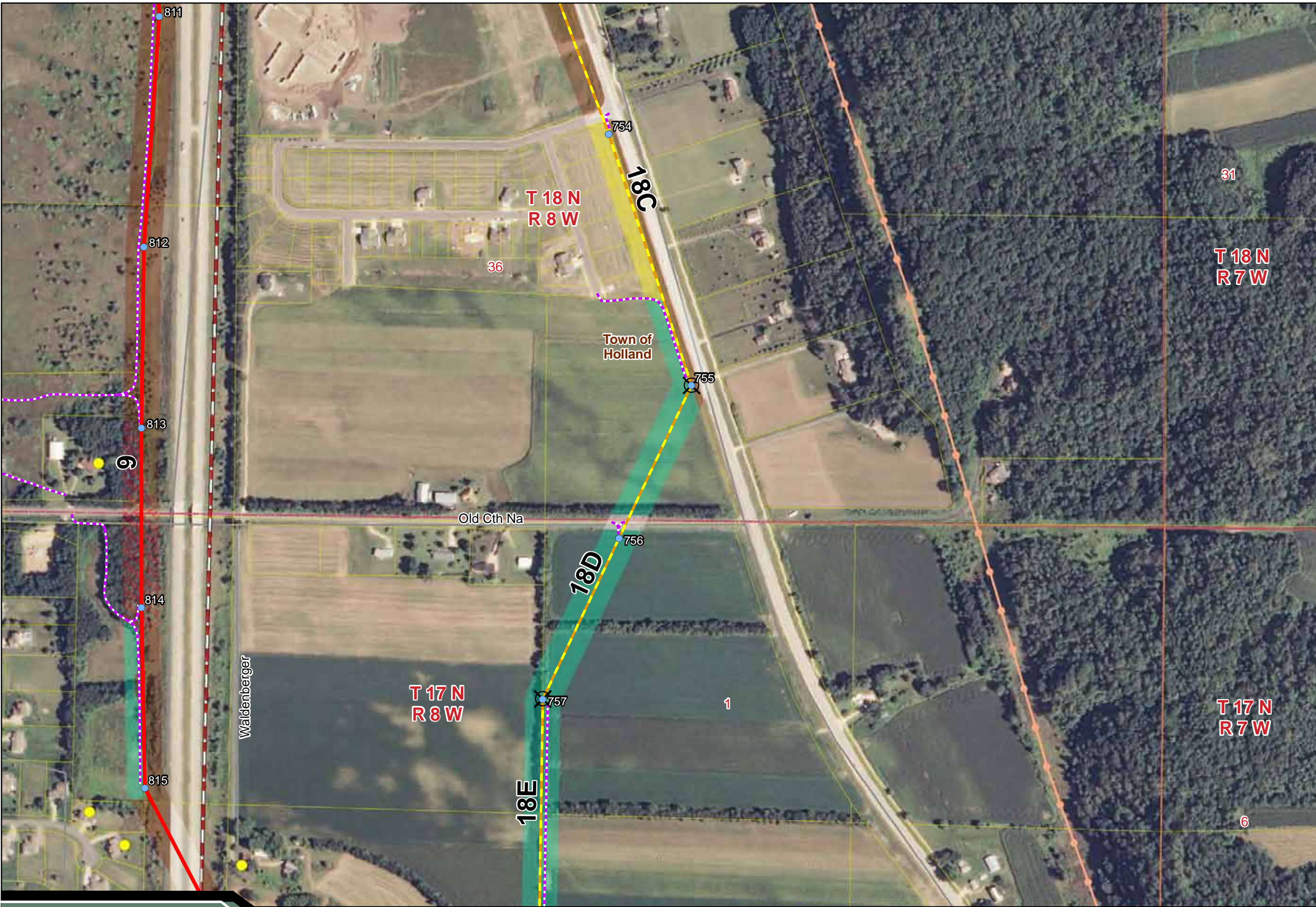
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Sheet Map 104

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
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Project Features

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- - - Access Route

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- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

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- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- Parcels



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Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap
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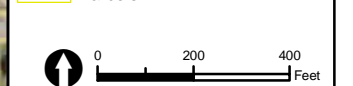
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- Proposed Transmission Line Alternatives**
- Q1-Highway 35 Route
 - Arcadia Route
 - Arcadia-Alma Option
 - Q1-Galesville Route
 - 161kV to Genoa
 - 161kV to Mayfair
 - 161kV to Tremval

- Project Features**
- Transmission Line Structure
 - Segment Endpoint
 - Access Route

- Existing Utilities (HDR, PSCW)**
- Substation
 - Proposed Substation Siting Area
 - 69 kV Transmission Line
 - 161 kV Transmission Line
 - Natural Gas Pipeline

- Land Cover (Stantec)**
- Residential
 - Commercial/Industrial
 - Golf Course
 - Cropland
 - Prairie/Grassland
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 - Specialty
 - Forested Wetland
 - Non-Forested Wetland
 - Upland Forest
 - Upland Shrub Land
 - Road
 - Waterway
 - Railroad
- Structures (Stantec, NAIP 2008)**
- Homes
 - Schools
 - Commercial/Industrial
 - Animal Housing
 - Equipment Storage
 - Metal Shed
- Transportation (BTS)**
- Interstate Highway
 - US Highway
 - State Highway
- Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)**
- City, Village or Town
 - Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN\GeneralRoute P:\2007\0718\0025_00_CAPX\GIS\Maps\WI_CPCN\GeneralRoute Aerial Photography Published by National Agriculture Imagery Program (NAIP), 2008



Sheet Map 106

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- - - Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
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- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap
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Sheet Map 107

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
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- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
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- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
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- Golf Course
- Cropland
- Prairie/Grassland
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- Forested Wetland
- Non-Forested Wetland
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- Upland Shrub Land

Road

- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
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Sheet Map Index



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap, WI_CPCN_SheetMap, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN_GeneralRoute, P:\2007\0718\0025_00_CAPX\GIS\Maps\WI_CPCN_GeneralRoute

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Sheet Map 108

Legend

Proposed Transmission Line Alternatives

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Transportation (BTS)

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Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

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Sheet Map Index



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties.
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Sheet Map 109

Legend

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Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

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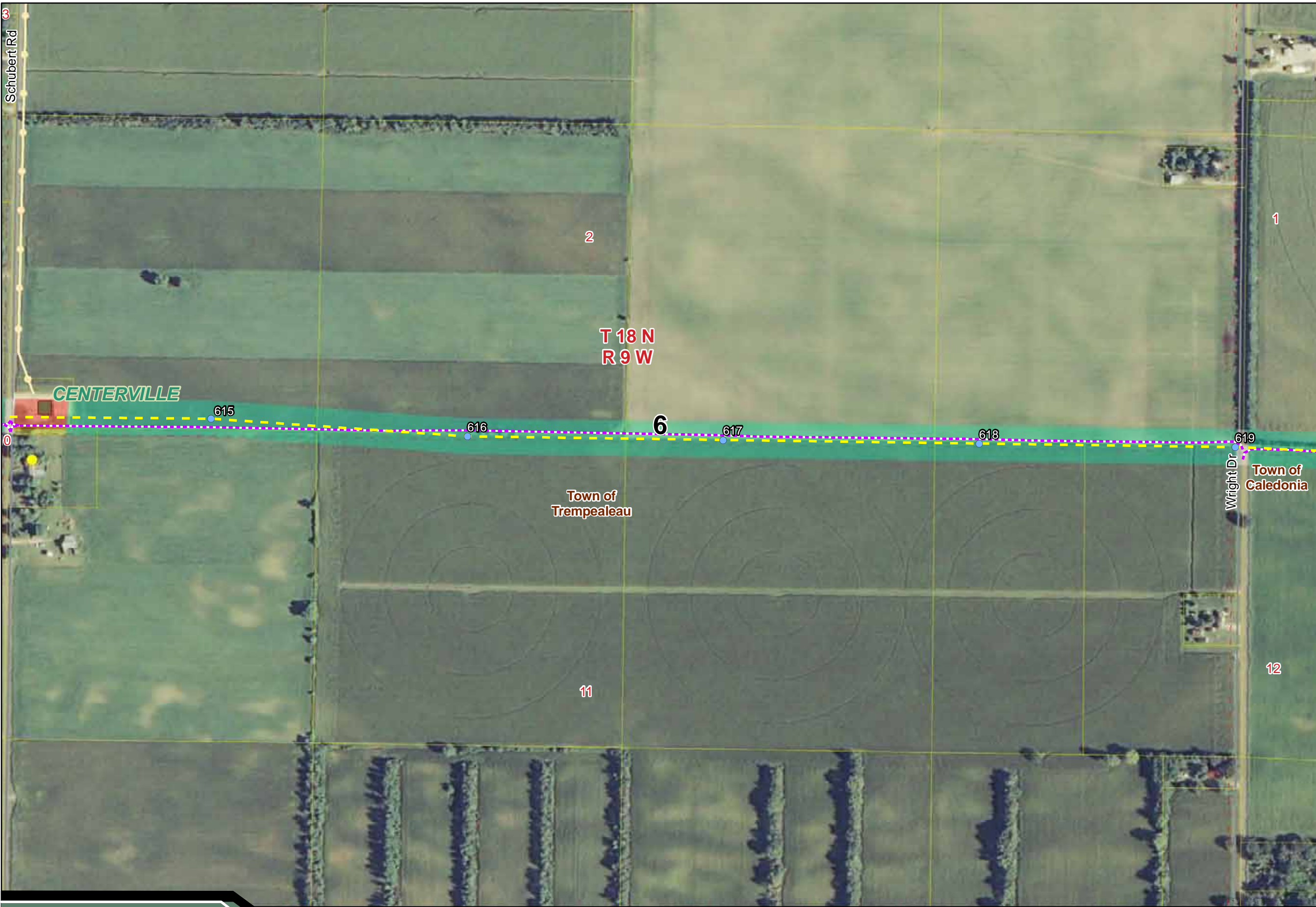


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Sheet Map 110

Legend

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Sheet Map 111

Legend

Proposed Transmission Line Alternatives

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Sheet Map 112

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
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Project Features

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- State Highway

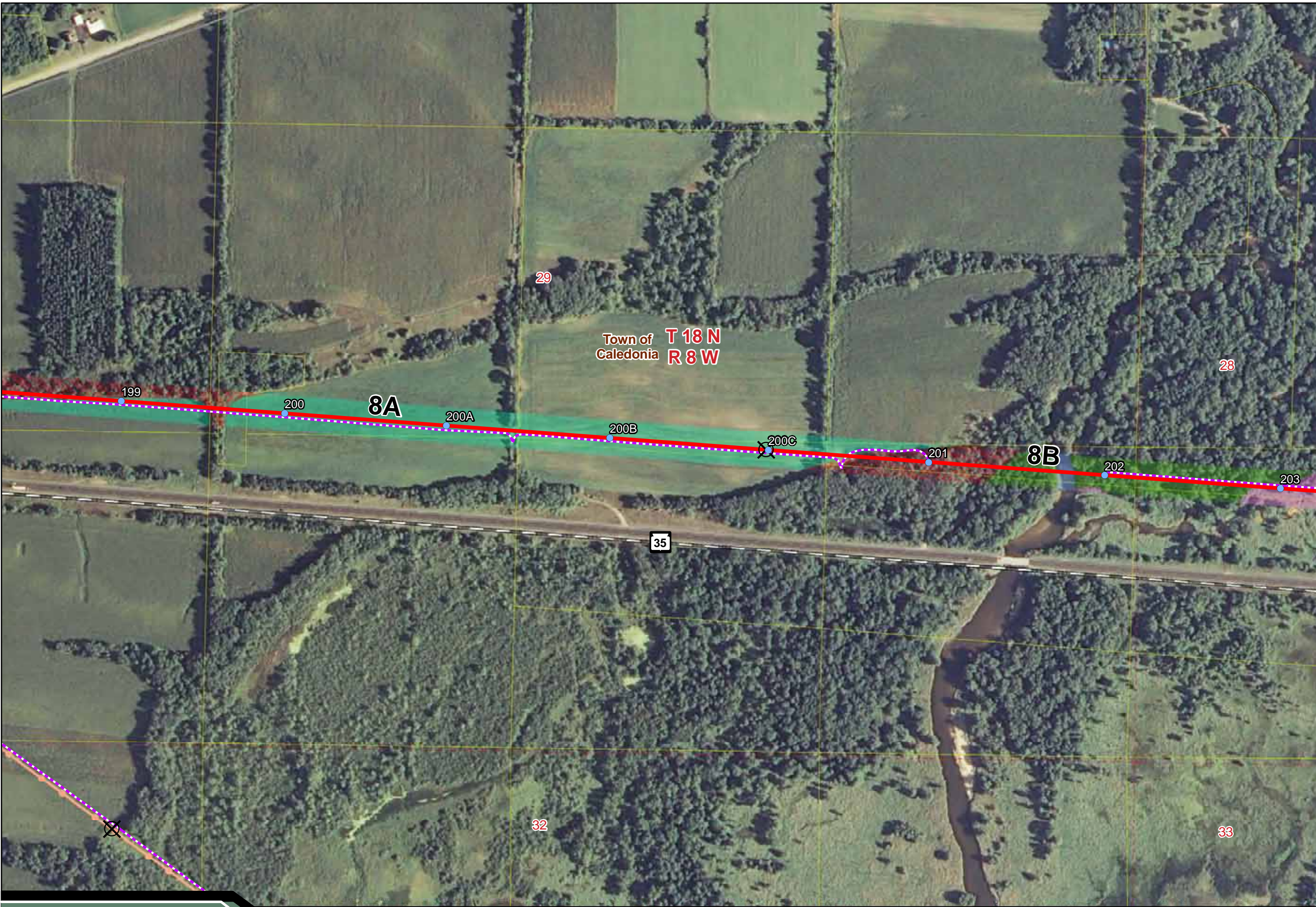
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Sheet Map 113

Legend

Proposed Transmission Line Alternatives

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- Arcadia-Alma Option
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- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- Parcels



Sheet Map Index



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap, WI_CPCN_SheetMap, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN_GeneralRoute, P:\2007\0718\0025_00_CAPX\GIS\Map\WI_CPCN_GeneralRoute

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Sheet Map 114

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

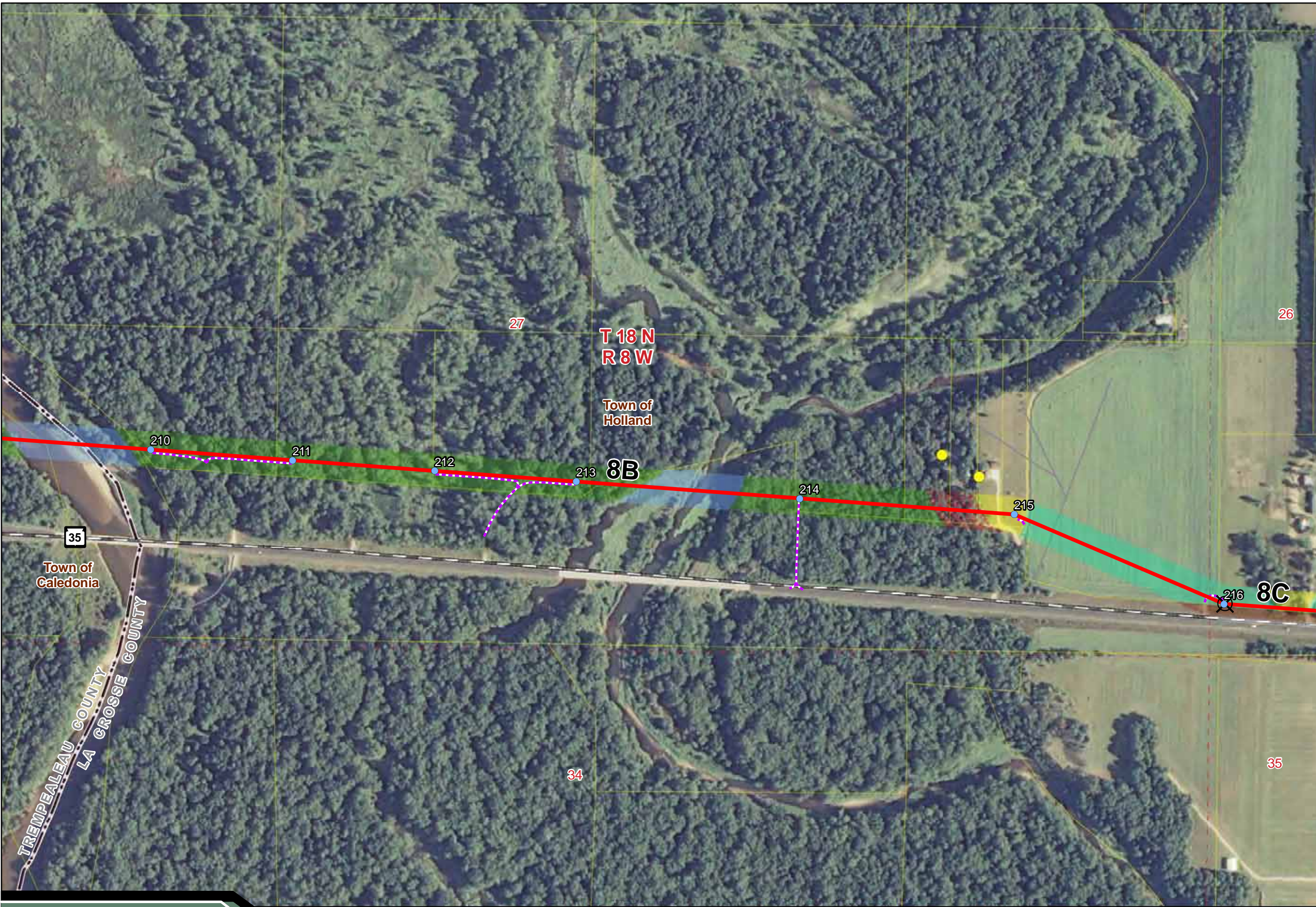
- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap
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Sheet Map 115

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- Parcels



Sheet Map Index



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap, WI_CPCN_SheetMap, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN_GeneralRoute, P:\2007\0718\0025_00_CAPX\GIS\Maps\WI_CPCN_GeneralRoute

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Sheet Map 116

Legend

Proposed Transmission Line Alternatives

- Q1-Highway 35 Route
- Arcadia Route
- Arcadia-Alma Option
- Q1-Galesville Route
- 161kV to Genoa
- 161kV to Mayfair
- 161kV to Tremval

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint

Access Route

- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- ▨ Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- Parcels

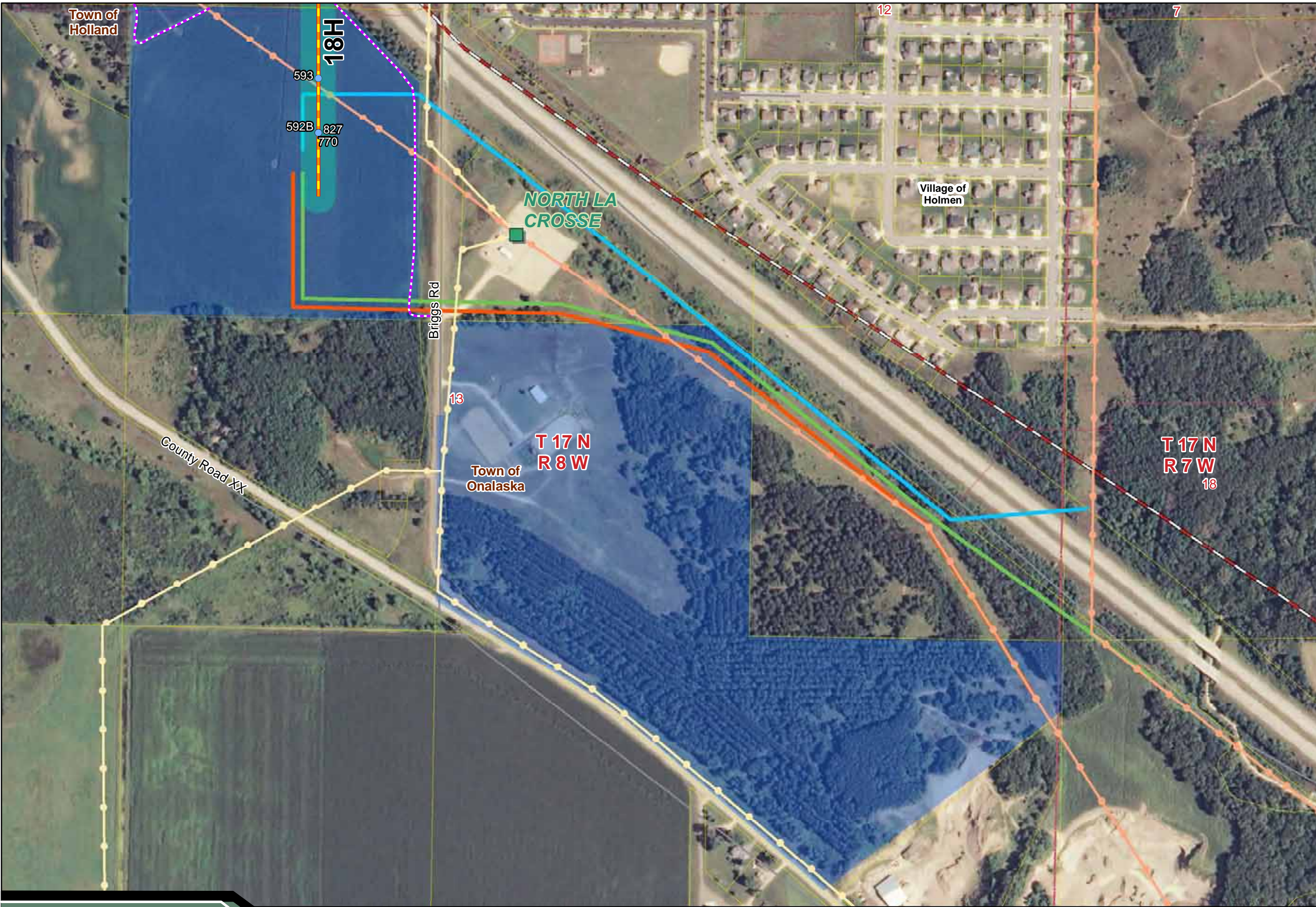


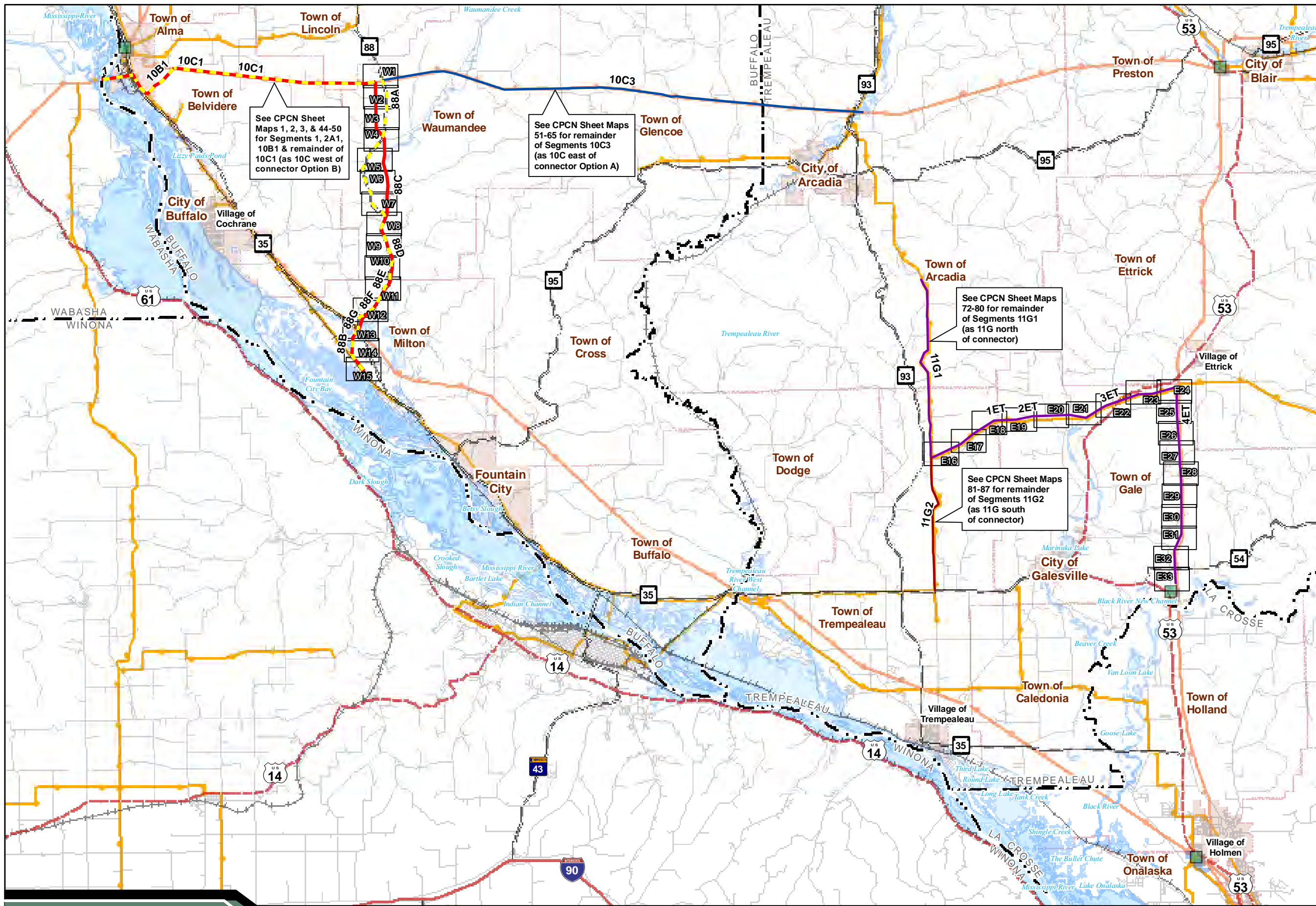
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Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap, WI_CPCN_SheetMap, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN_GeneralRoute, P:\2007\0718\0025_00_CAPX\GIS\Maps\WI_CPCN_GeneralRoute

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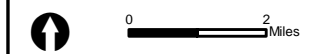




Route Map Overview

Legend

- WI-88 Option A Connector
- WI-88 Option B Connector
- Arcadia-Etrick Connector
- Segment 10C3 Data
- Segment 11G2 Data
- Proposed Substation Siting Area
- Existing Utilities (HDR, PSCW)**
- 69 kV Transmission Line
- 161 kV Transmission Line
- Substations
- Transportation (BTS)**
- Interstate Highway
- US Highway
- State Highway
- Jurisdiction (WDNR)**
- City or Village
- Town



Data Sources: WDNR, WisDOT, BTS, HDR, PSCW, Census
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 P1200707180125.00_CAPXGISMapsWI_CPCN Hwy88

Sheet Map W1

Legend

Proposed Transmission Line Alternatives

- WI-88 Option A Connector
- WI-88 Option B Connector
- Arcadia-Ettrick Connector
- Segment 10C3 Data
- Segment 11G2 Data

Project Features

- Transmission Line Structure
- Segment Endpoint
- Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

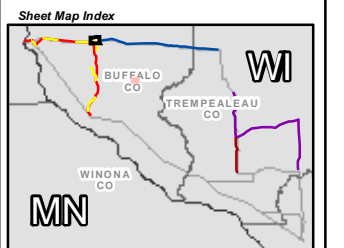
- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

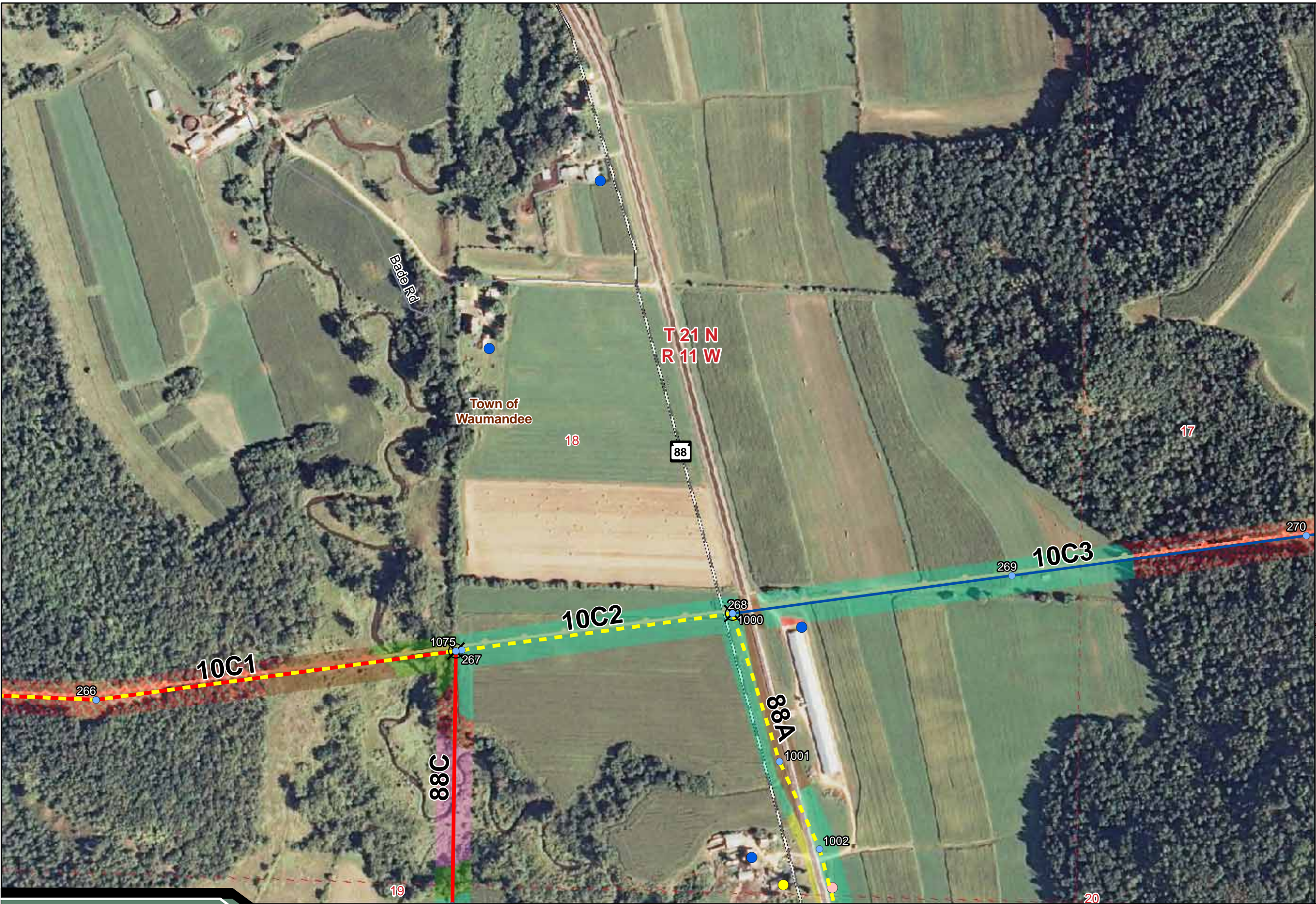
- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- City, Village or Town
- Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap_Hwy88
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Sheet Map W2

Legend

- Proposed Transmission Line Alternatives**
- WI-88 Option A Connector
 - WI-88 Option B Connector
 - Arcadia-Etrick Connector
 - Segment 10C3 Data
 - Segment 11G2 Data

- Project Features**
- Transmission Line Structure
 - Segment Endpoint
 - Access Route

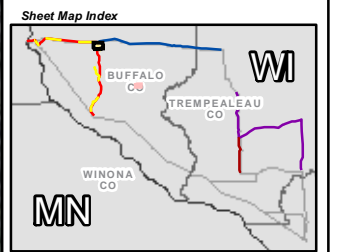
- Existing Utilities (HDR, PSCW)**
- Substation
 - Proposed Substation Siting Area
 - 69 kV Transmission Line
 - 161 kV Transmission Line
 - Natural Gas Pipeline

- Land Cover (Stantec)**
- Residential
 - Commercial/Industrial
 - Golf Course
 - Cropland
 - Prairie/Grassland
 - Pasture
 - Specialty
 - Forested Wetland
 - Non-Forested Wetland
 - Upland Forest
 - Upland Shrub Land
 - Road
 - Waterway
 - Railroad

- Structures (Stantec, NAIP 2008)**
- Homes
 - Schools
 - Commercial/Industrial
 - Animal Housing
 - Equipment Storage
 - Metal Shed

- Transportation (BTS)**
- Interstate Highway
 - US Highway
 - State Highway

- Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)**
- City, Village or Town
 - Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap_Hwy88, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN\Hwy88, P:\2007\0718\0025_00_CAPX\GIS\Map\WI_CPCN\Hwy88

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Sheet Map W3

Legend

Proposed Transmission Line Alternatives

- WI-88 Option A Connector
- WI-88 Option B Connector
- Arcadia-Ettrick Connector
- Segment 10C3 Data
- Segment 11G2 Data

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

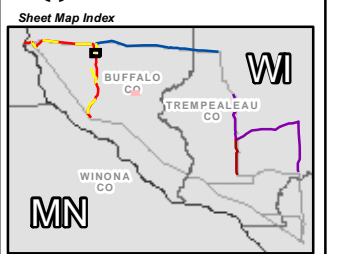
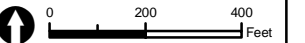
- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap_Hwy88
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Sheet Map W4

Legend

- Proposed Transmission Line Alternatives**
- WI-88 Option A Connector
 - WI-88 Option B Connector
 - Arcadia-Etrick Connector
 - Segment 10C3 Data
 - Segment 11G2 Data

- Project Features**
- Transmission Line Structure
 - Segment Endpoint
 - Access Route

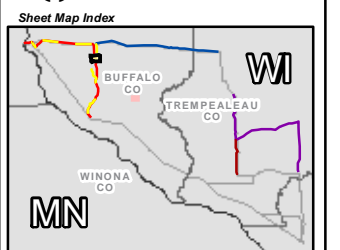
- Existing Utilities (HDR, PSCW)**
- Substation
 - Proposed Substation Siting Area
 - 69 kV Transmission Line
 - 161 kV Transmission Line
 - Natural Gas Pipeline

- Land Cover (Stantec)**
- Residential
 - Commercial/Industrial
 - Golf Course
 - Cropland
 - Prairie/Grassland
 - Pasture
 - Specialty
 - Forested Wetland
 - Non-Forested Wetland
 - Upland Forest
 - Upland Shrub Land
 - Road
 - Waterway
 - Railroad

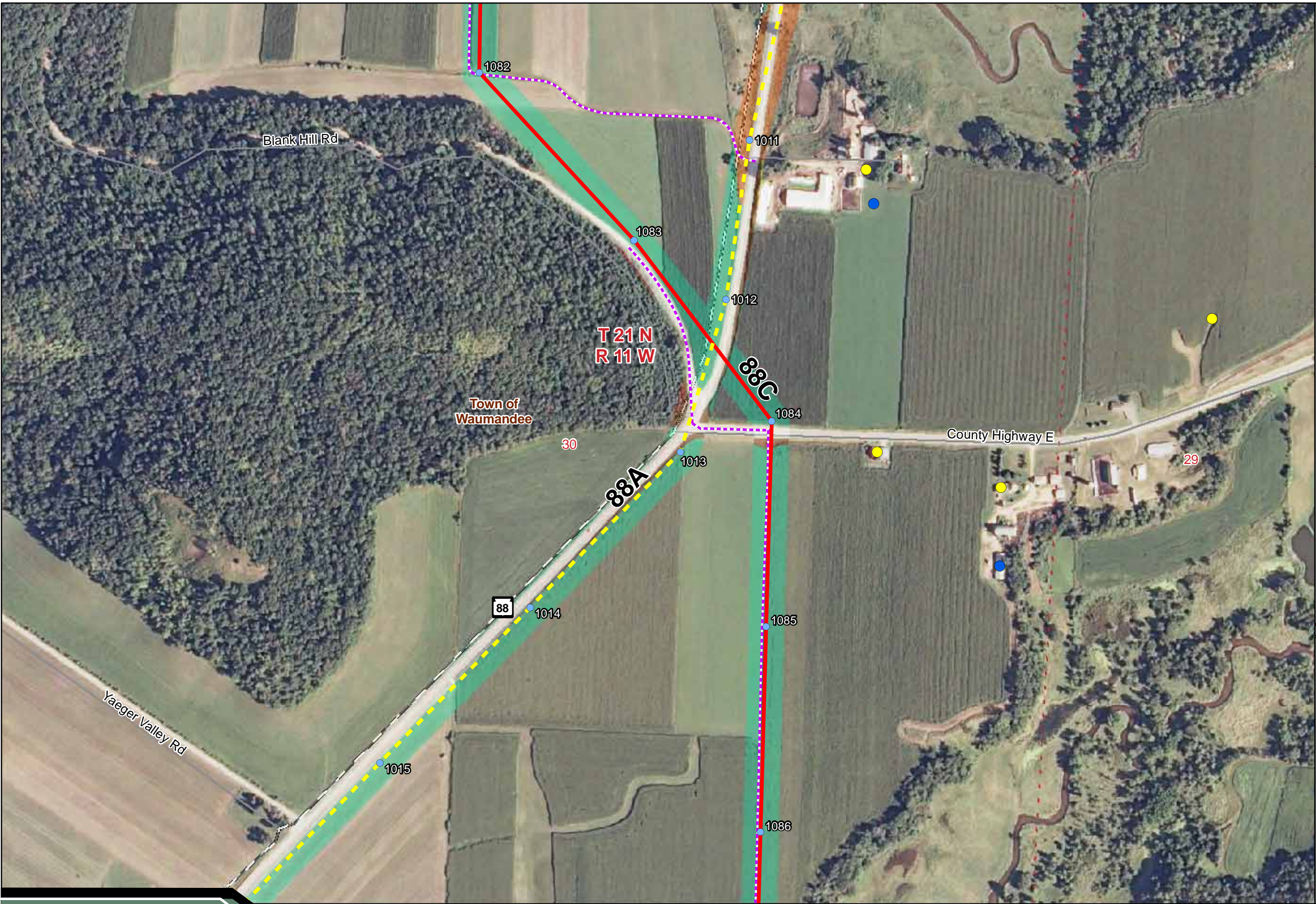
- Structures (Stantec, NAIP 2008)**
- Homes
 - Schools
 - Commercial/Industrial
 - Animal Housing
 - Equipment Storage
 - Metal Shed

- Transportation (BTS)**
- Interstate Highway
 - US Highway
 - State Highway

- Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)**
- City, Village or Town
 - Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap_Hwy88
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Sheet Map W5

Legend

- Proposed Transmission Line Alternatives**
- WI-88 Option A Connector
 - WI-88 Option B Connector
 - Arcadia-Ettrick Connector
 - Segment 10C3 Data
 - Segment 11G2 Data

- Project Features**
- Transmission Line Structure
 - Segment Endpoint
 - Access Route

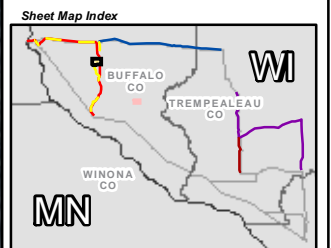
- Existing Utilities (HDR, PSCW)**
- Substation
 - Proposed Substation Siting Area
 - 69 kV Transmission Line
 - 161 kV Transmission Line
 - Natural Gas Pipeline

- Land Cover (Stantec)**
- Residential
 - Commercial/Industrial
 - Golf Course
 - Cropland
 - Prairie/Grassland
 - Pasture
 - Specialty
 - Forested Wetland
 - Non-Forested Wetland
 - Upland Forest
 - Upland Shrub Land
 - Road
 - Waterway
 - Railroad

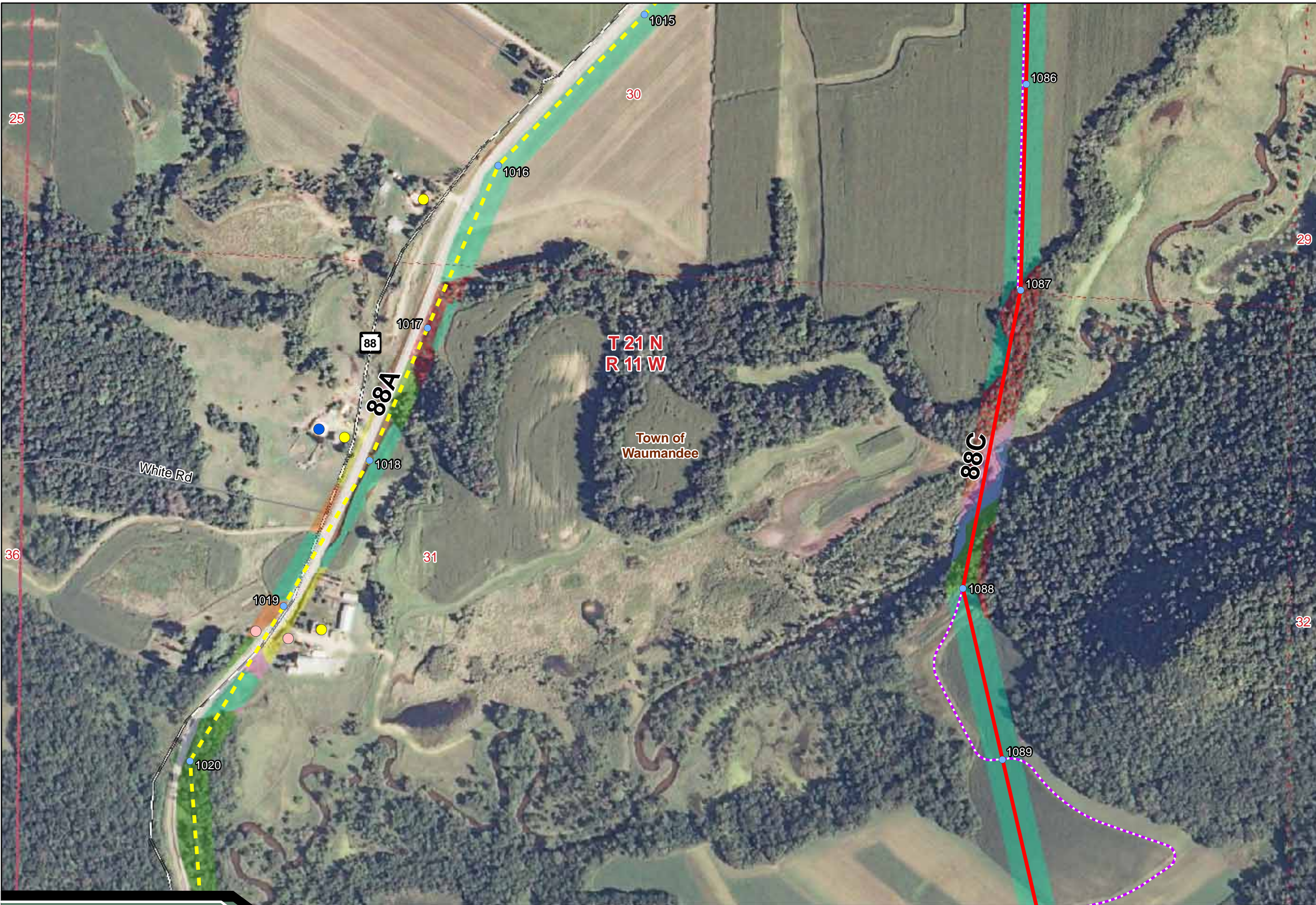
- Structures (Stantec, NAIP 2008)**
- Homes
 - Schools
 - Commercial/Industrial
 - Animal Housing
 - Equipment Storage
 - Metal Shed

- Transportation (BTS)**
- Interstate Highway
 - US Highway
 - State Highway

- Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)**
- City, Village or Town
 - Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap_Hwy88
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Sheet Map W6

Legend

- Proposed Transmission Line Alternatives**
- WI-88 Option A Connector
 - WI-88 Option B Connector
 - Arcadia-Ettrick Connector
 - Segment 10C3 Data
 - Segment 11G2 Data

- Project Features**
- Transmission Line Structure
 - Segment Endpoint
 - Access Route

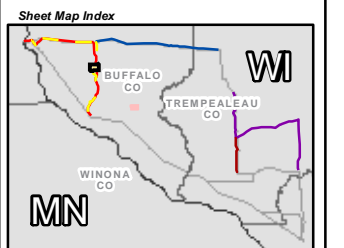
- Existing Utilities (HDR, PSCW)**
- Substation
 - Proposed Substation Siting Area
 - 69 kV Transmission Line
 - 161 kV Transmission Line
 - Natural Gas Pipeline

- Land Cover (Stantec)**
- Residential
 - Commercial/Industrial
 - Golf Course
 - Cropland
 - Prairie/Grassland
 - Pasture
 - Specialty
 - Forested Wetland
 - Non-Forested Wetland
 - Upland Forest
 - Upland Shrub Land
 - Road
 - Waterway
 - Railroad

- Structures (Stantec, NAIP 2008)**
- Homes
 - Schools
 - Commercial/Industrial
 - Animal Housing
 - Equipment Storage
 - Metal Shed

- Transportation (BTS)**
- Interstate Highway
 - US Highway
 - State Highway

- Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)**
- City, Village or Town
 - Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap_Hwy88, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN\Hwy88, P:\2007\0718\0025_00_CAPX\GIS\Map\WI_CPCN\Hwy88
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Sheet Map W7

Legend

- Proposed Transmission Line Alternatives**
- WI-88 Option A Connector
 - WI-88 Option B Connector
 - Arcadia-Ettrick Connector
 - Segment 10C3 Data
 - Segment 11G2 Data

- Project Features**
- Transmission Line Structure
 - Segment Endpoint
 - Access Route

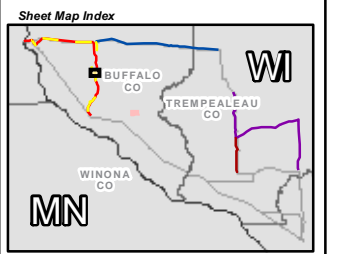
- Existing Utilities (HDR, PSCW)**
- Substation
 - Proposed Substation Siting Area
 - 69 kV Transmission Line
 - 161 kV Transmission Line
 - Natural Gas Pipeline

- Land Cover (Stantec)**
- Residential
 - Commercial/Industrial
 - Golf Course
 - Cropland
 - Prairie/Grassland
 - Pasture
 - Specialty
 - Forested Wetland
 - Non-Forested Wetland
 - Upland Forest
 - Upland Shrub Land
 - Road
 - Waterway
 - Railroad

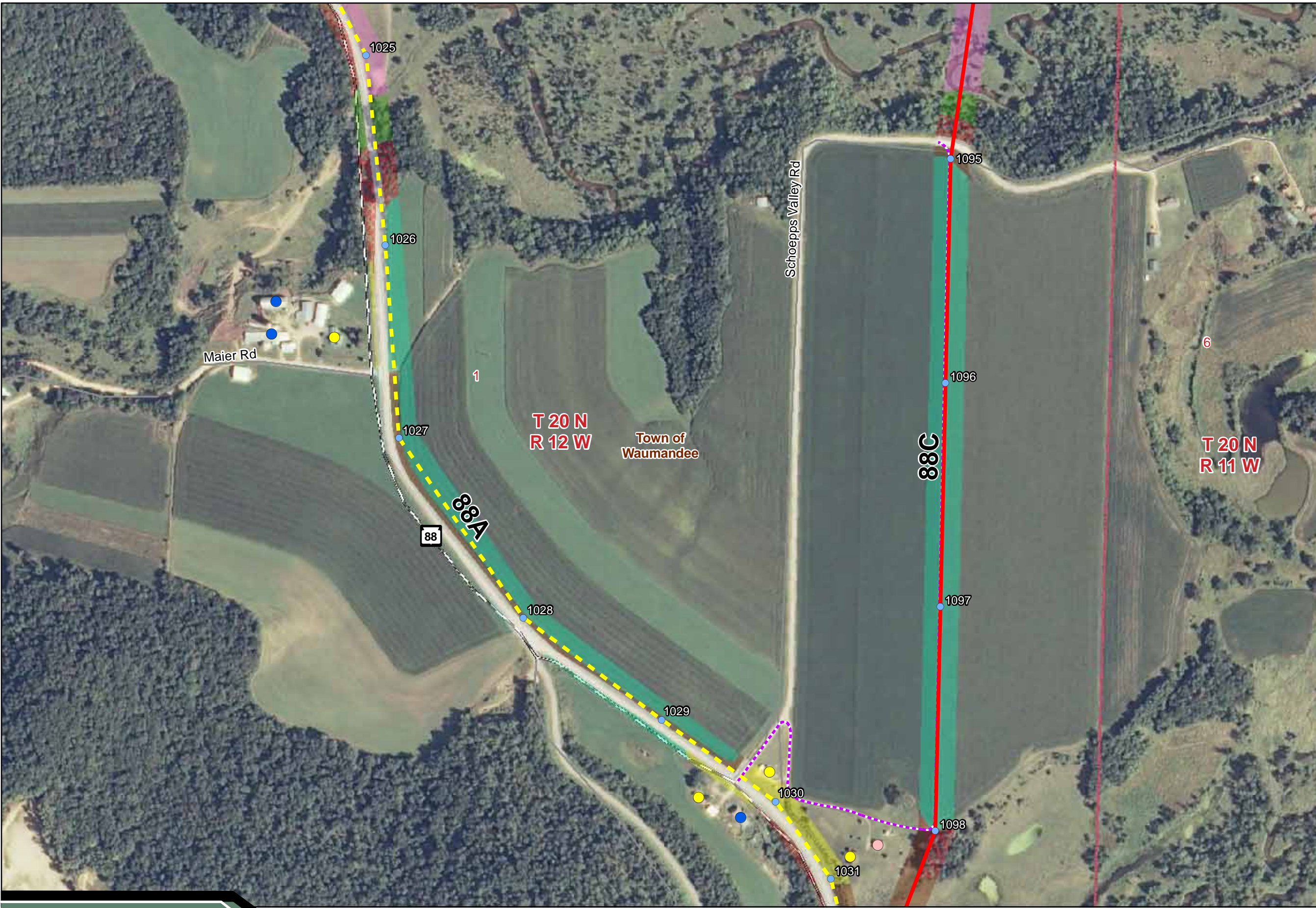
- Structures (Stantec, NAIP 2008)**
- Homes
 - Schools
 - Commercial/Industrial
 - Animal Housing
 - Equipment Storage
 - Metal Shed

- Transportation (BTS)**
- Interstate Highway
 - US Highway
 - State Highway

- Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)**
- City, Village or Town
 - Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap_Hwy88
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Sheet Map W8

Legend

- Proposed Transmission Line Alternatives**
- WI-88 Option A Connector
 - WI-88 Option B Connector
 - Arcadia-Ettrick Connector
 - Segment 10C3 Data
 - Segment 11G2 Data

- Project Features**
- Transmission Line Structure
 - Segment Endpoint

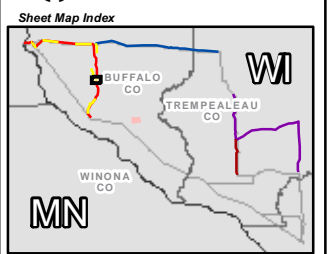
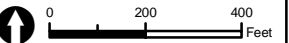
- Existing Utilities (HDR, PSCW)**
- Substation
 - Proposed Substation Siting Area
 - 69 kV Transmission Line
 - 161 kV Transmission Line
 - Natural Gas Pipeline

- Land Cover (Stantec)**
- Residential
 - Commercial/Industrial
 - Golf Course
 - Cropland
 - Prairie/Grassland
 - Pasture
 - Specialty
 - Forested Wetland
 - Non-Forested Wetland
 - Upland Forest
 - Upland Shrub Land
 - Road
 - Waterway
 - Railroad

- Structures (Stantec, NAIP 2008)**
- Homes
 - Schools
 - Commercial/Industrial
 - Animal Housing
 - Equipment Storage
 - Metal Shed

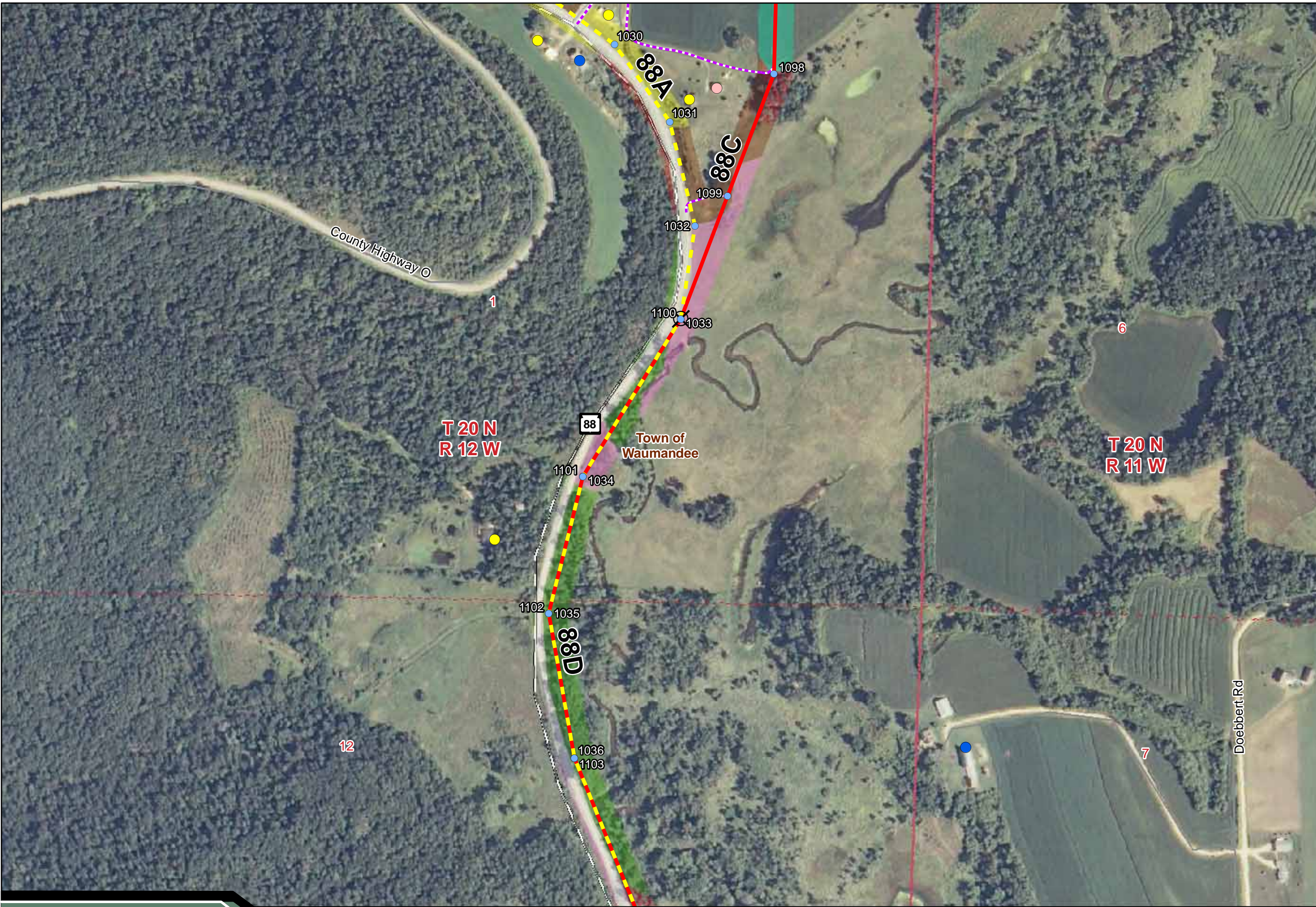
- Transportation (BTS)**
- Interstate Highway
 - US Highway
 - State Highway

- Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)**
- City, Village or Town
 - Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap_Hwy88, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN\Hwy88, P:\2007\0718\0025_00_CAPX\GIS\Map\WI_CPCN\Hwy88

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Sheet Map W9

Legend

Proposed Transmission Line Alternatives

- WI-88 Option A Connector
- WI-88 Option B Connector
- Arcadia-Ettrick Connector
- Segment 10C3 Data
- Segment 11G2 Data

Project Features

- Transmission Line Structure
- Segment Endpoint
- Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

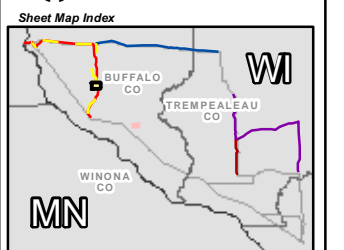
- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- City, Village or Town
- Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap_Hwy88, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN_Hwy88, P:\2007\0718\0025_00_CAPX\GIS\Map\WI_CPCN_Hwy88

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Sheet Map W10

Legend

- Proposed Transmission Line Alternatives**
- WI-88 Option A Connector
 - WI-88 Option B Connector
 - Arcadia-Ettrick Connector
 - Segment 10C3 Data
 - Segment 11G2 Data

- Project Features**
- Transmission Line Structure
 - Segment Endpoint
 - Access Route

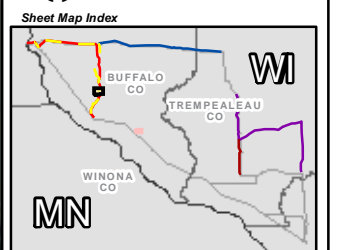
- Existing Utilities (HDR, PSCW)**
- Substation
 - Proposed Substation Siting Area
 - 69 kV Transmission Line
 - 161 kV Transmission Line
 - Natural Gas Pipeline

- Land Cover (Stantec)**
- Residential
 - Commercial/Industrial
 - Golf Course
 - Cropland
 - Prairie/Grassland
 - Pasture
 - Specialty
 - Forested Wetland
 - Non-Forested Wetland
 - Upland Forest
 - Upland Shrub Land
 - Road
 - Waterway
 - Railroad

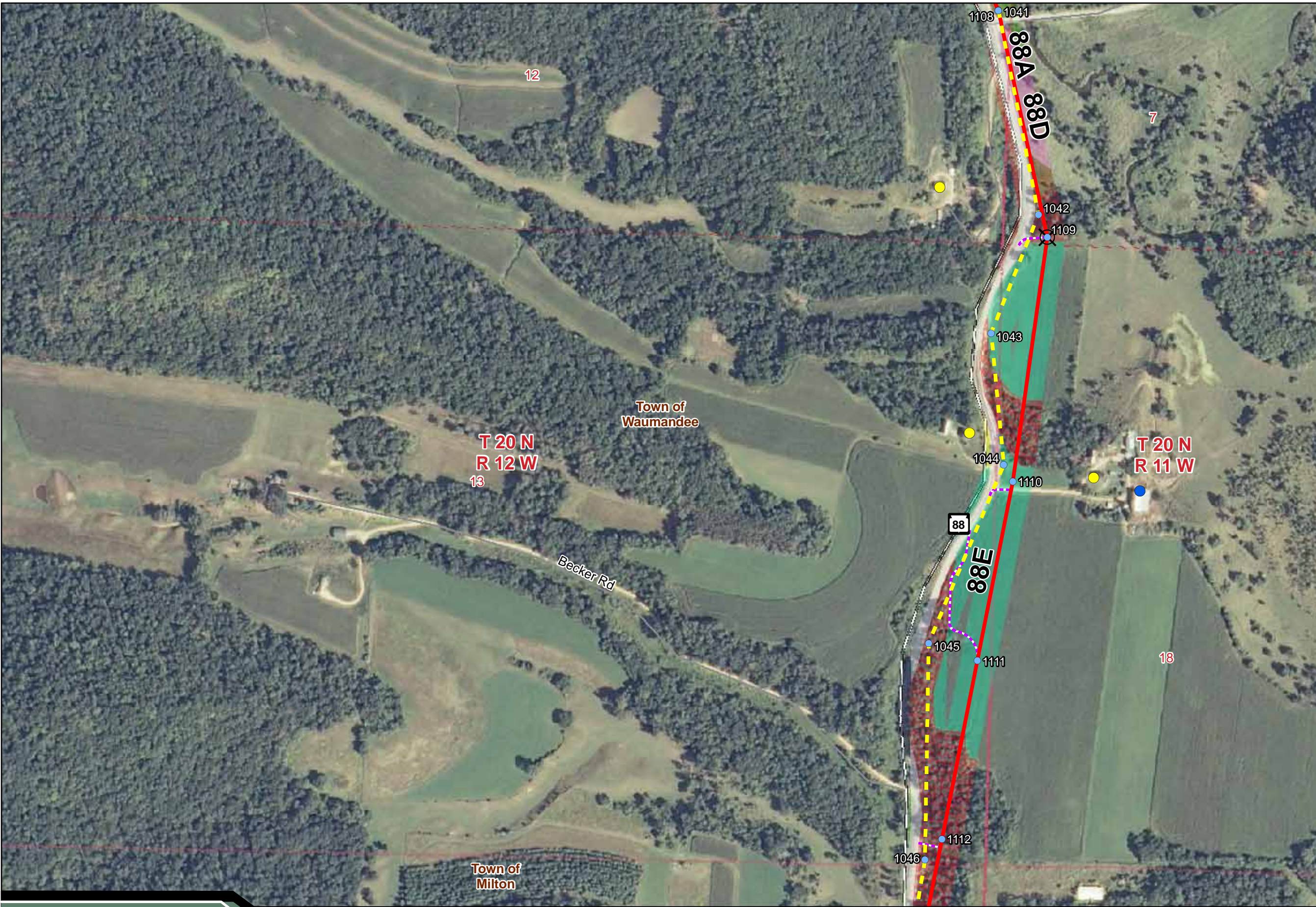
- Structures (Stantec, NAIP 2008)**
- Homes
 - Schools
 - Commercial/Industrial
 - Animal Housing
 - Equipment Storage
 - Metal Shed

- Transportation (BTS)**
- Interstate Highway
 - US Highway
 - State Highway

- Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)**
- City, Village or Town
 - Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap_Hwy88
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Sheet Map W11

Legend

- Proposed Transmission Line Alternatives**
- WI-88 Option A Connector
 - WI-88 Option B Connector
 - Arcadia-Ettrick Connector
 - Segment 10C3 Data
 - Segment 11G2 Data

- Project Features**
- Transmission Line Structure
 - Segment Endpoint
 - Access Route

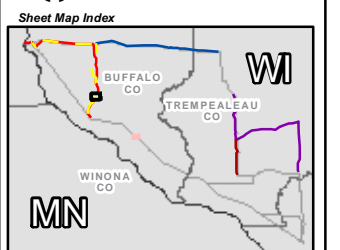
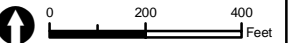
- Existing Utilities (HDR, PSCW)**
- Substation
 - Proposed Substation Siting Area
 - 69 kV Transmission Line
 - 161 kV Transmission Line
 - Natural Gas Pipeline

- Land Cover (Stantec)**
- Residential
 - Commercial/Industrial
 - Golf Course
 - Cropland
 - Prairie/Grassland
 - Pasture
 - Specialty
 - Forested Wetland
 - Non-Forested Wetland
 - Upland Forest
 - Upland Shrub Land
 - Road
 - Waterway
 - Railroad

- Structures (Stantec, NAIP 2008)**
- Homes
 - Schools
 - Commercial/Industrial
 - Animal Housing
 - Equipment Storage
 - Metal Shed

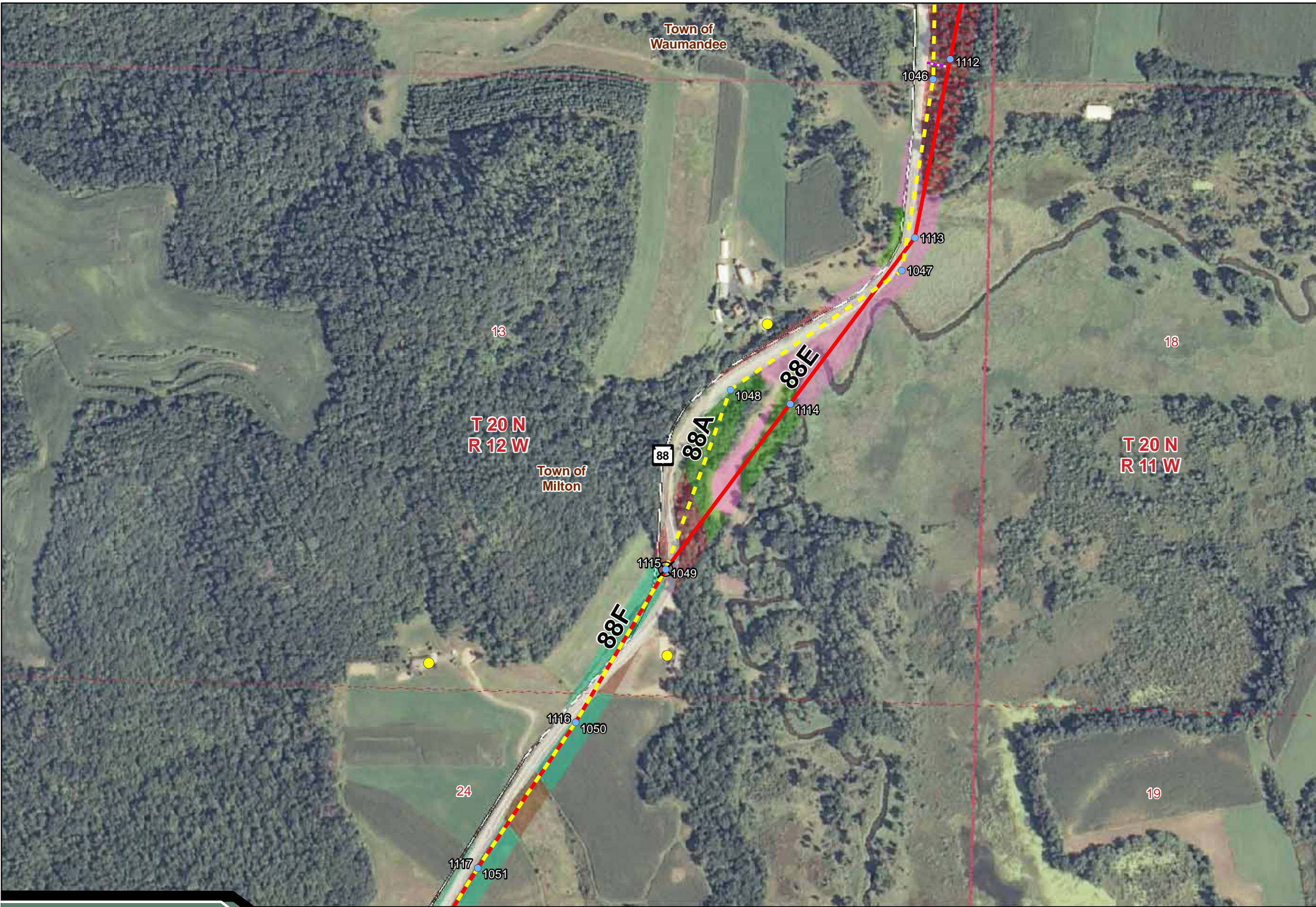
- Transportation (BTS)**
- Interstate Highway
 - US Highway
 - State Highway

- Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)**
- City, Village or Town
 - Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap_Hwy88, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN\Hwy88, P:\2007\0718\0025_00_CAPX\GIS\Map\WI_CPCN\Hwy88

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Sheet Map W12

Legend

- Proposed Transmission Line Alternatives**
- WI-88 Option A Connector
 - WI-88 Option B Connector
 - Arcadia-Ettrick Connector
 - Segment 10C3 Data
 - Segment 11G2 Data

- Project Features**
- Transmission Line Structure
 - Segment Endpoint
 - Access Route

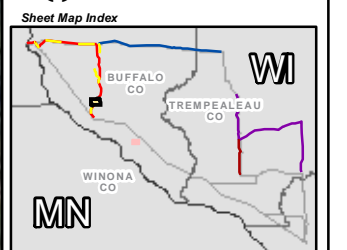
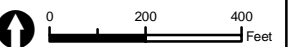
- Existing Utilities (HDR, PSCW)**
- Substation
 - Proposed Substation Siting Area
 - 69 kV Transmission Line
 - 161 kV Transmission Line
 - Natural Gas Pipeline

- Land Cover (Stantec)**
- Residential
 - Commercial/Industrial
 - Golf Course
 - Cropland
 - Prairie/Grassland
 - Pasture
 - Specialty
 - Forested Wetland
 - Non-Forested Wetland
 - Upland Forest
 - Upland Shrub Land
 - Road
 - Waterway
 - Railroad

- Structures (Stantec, NAIP 2008)**
- Homes
 - Schools
 - Commercial/Industrial
 - Animal Housing
 - Equipment Storage
 - Metal Shed

- Transportation (BTS)**
- Interstate Highway
 - US Highway
 - State Highway

- Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)**
- City, Village or Town
 - Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap_Hwy88
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Sheet Map W13

Legend

- Proposed Transmission Line Alternatives**
- WI-88 Option A Connector
 - WI-88 Option B Connector
 - Arcadia-Ettrick Connector
 - Segment 10C3 Data
 - Segment 11G2 Data

- Project Features**
- Transmission Line Structure
 - Segment Endpoint
 - Access Route

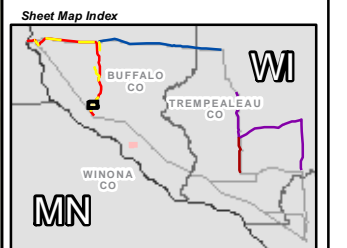
- Existing Utilities (HDR, PSCW)**
- Substation
 - Proposed Substation Siting Area
 - 69 kV Transmission Line
 - 161 kV Transmission Line
 - Natural Gas Pipeline

- Land Cover (Stantec)**
- Residential
 - Commercial/Industrial
 - Golf Course
 - Cropland
 - Prairie/Grassland
 - Pasture
 - Specialty
 - Forested Wetland
 - Non-Forested Wetland
 - Upland Forest
 - Upland Shrub Land
 - Road
 - Waterway
 - Railroad

- Structures (Stantec, NAIP 2008)**
- Homes
 - Schools
 - Commercial/Industrial
 - Animal Housing
 - Equipment Storage
 - Metal Shed

- Transportation (BTS)**
- Interstate Highway
 - US Highway
 - State Highway

- Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)**
- City, Village or Town
 - Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap_Hwy88, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN\Hwy88, P:\2007\0718\0025_00_CAPX\GIS\Map\WI_CPCN\Hwy88
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Sheet Map W14

Legend

- Proposed Transmission Line Alternatives**
- WI-88 Option A Connector
 - WI-88 Option B Connector
 - Arcadia-Ettrick Connector
 - Segment 10C3 Data
 - Segment 11G2 Data

- Project Features**
- Transmission Line Structure
 - Segment Endpoint
 - Access Route

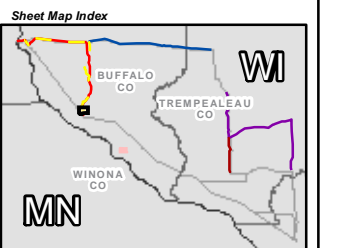
- Existing Utilities (HDR, PSCW)**
- Substation
 - Proposed Substation Siting Area
 - 69 kV Transmission Line
 - 161 kV Transmission Line
 - Natural Gas Pipeline

- Land Cover (Stantec)**
- Residential
 - Commercial/Industrial
 - Golf Course
 - Cropland
 - Prairie/Grassland
 - Pasture
 - Specialty
 - Forested Wetland
 - Non-Forested Wetland
 - Upland Forest
 - Upland Shrub Land
 - Road
 - Waterway
 - Railroad

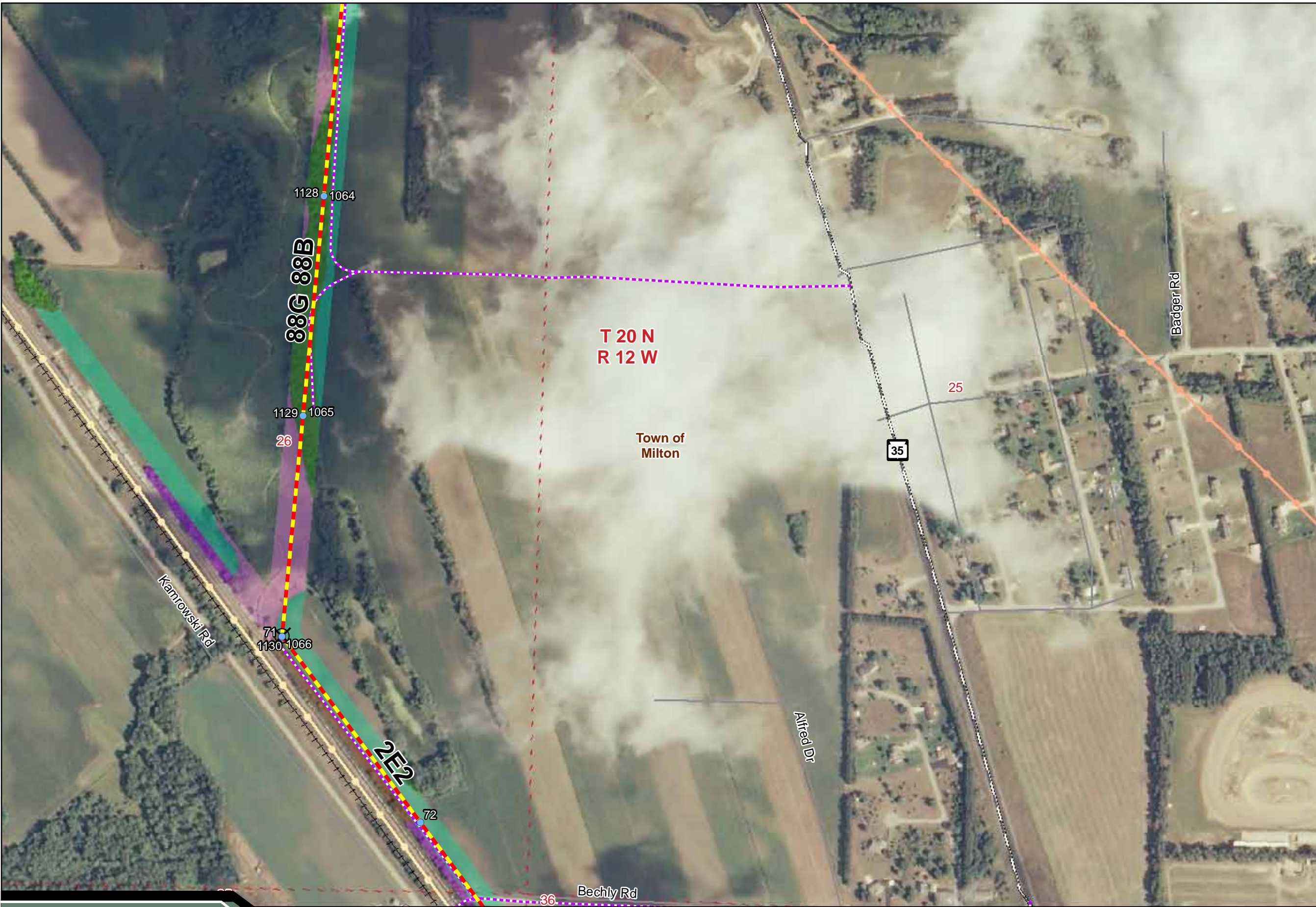
- Structures (Stantec, NAIP 2008)**
- Homes
 - Schools
 - Commercial/Industrial
 - Animal Housing
 - Equipment Storage
 - Metal Shed

- Transportation (BTS)**
- Interstate Highway
 - US Highway
 - State Highway

- Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)**
- City, Village or Town
 - Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap_Hwy88
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Sheet Map W15

Legend

- Proposed Transmission Line Alternatives**
- WI-88 Option A Connector
 - WI-88 Option B Connector
 - Arcadia-Ettrick Connector
 - Segment 10C3 Data
 - Segment 11G2 Data

- Project Features**
- Transmission Line Structure
 - Segment Endpoint
 - Access Route

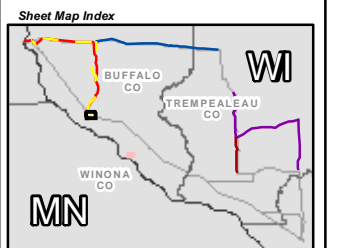
- Existing Utilities (HDR, PSCW)**
- Substation
 - Proposed Substation Siting Area
 - 69 kV Transmission Line
 - 161 kV Transmission Line
 - Natural Gas Pipeline

- Land Cover (Stantec)**
- Residential
 - Commercial/Industrial
 - Golf Course
 - Cropland
 - Prairie/Grassland
 - Pasture
 - Specialty
 - Forested Wetland
 - Non-Forested Wetland
 - Upland Forest
 - Upland Shrub Land
 - Road
 - Waterway
 - Railroad

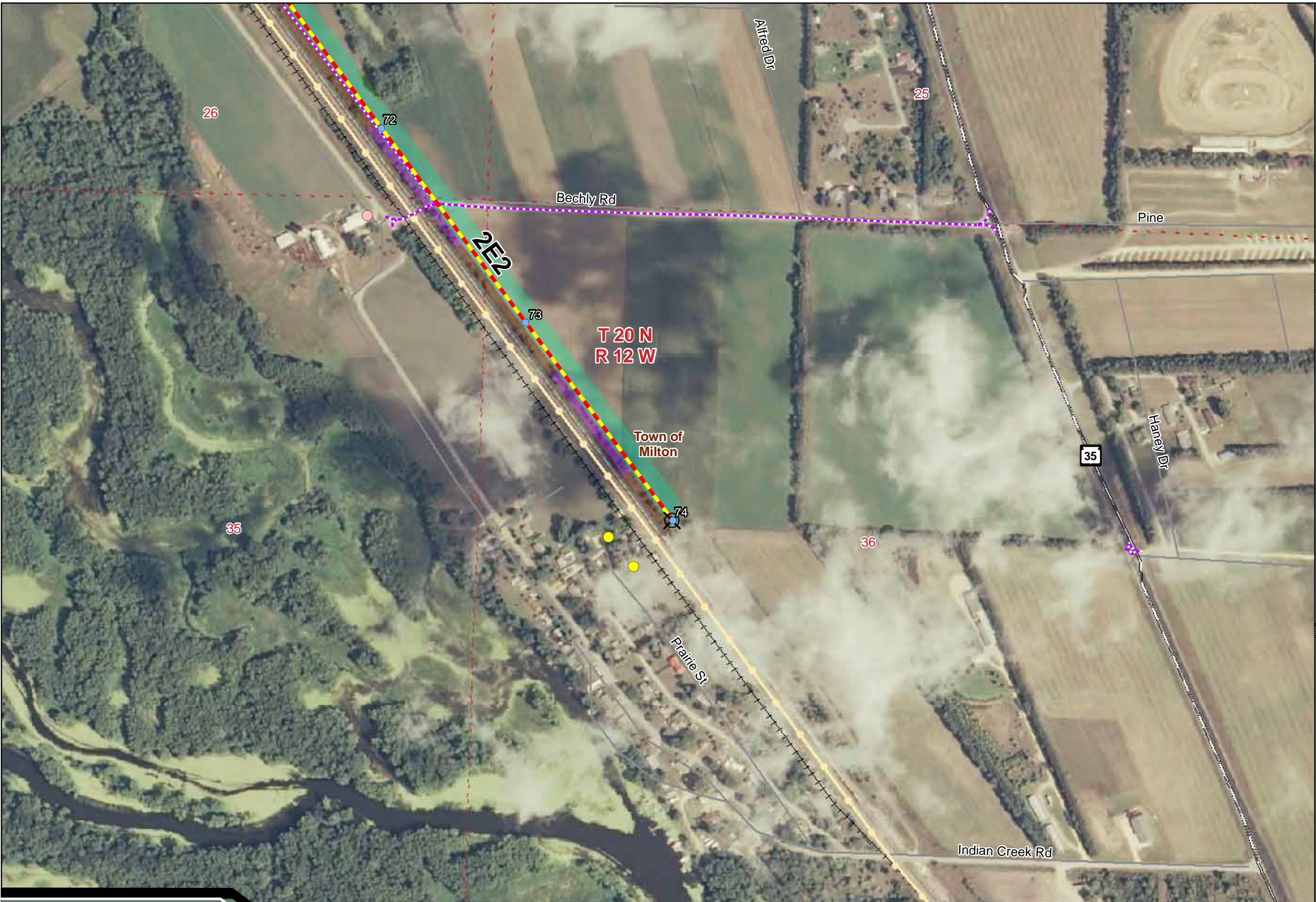
- Structures (Stantec, NAIP 2008)**
- Homes
 - Schools
 - Commercial/Industrial
 - Animal Housing
 - Equipment Storage
 - Metal Shed

- Transportation (BTS)**
- Interstate Highway
 - US Highway
 - State Highway

- Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)**
- City, Village or Town
 - Parcels



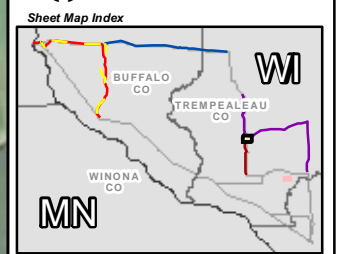
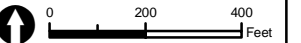
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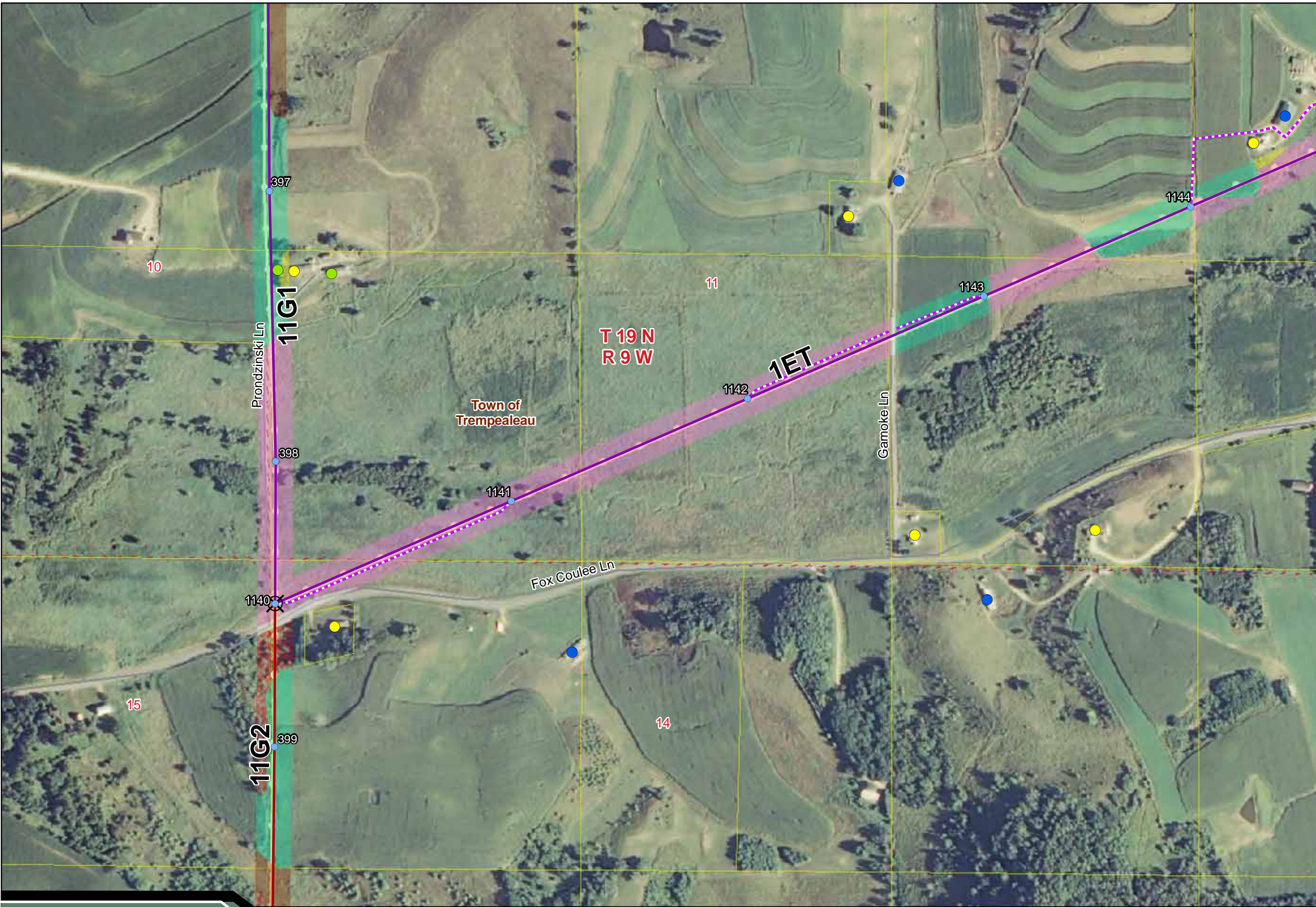
Sheet Map E16

Legend

- Proposed Transmission Line Alternatives**
 - WI-88 Option A Connector
 - WI-88 Option B Connector
 - Arcadia-Ettrick Connector
 - Segment 10C3 Data
 - Segment 11G2 Data
- Project Features**
 - Transmission Line Structure
 - Segment Endpoint
 - Access Route
- Existing Utilities (HDR, PSCW)**
 - Substation
 - Proposed Substation Siting Area
 - 69 kV Transmission Line
 - 161 kV Transmission Line
 - Natural Gas Pipeline
- Land Cover (Stantec)**
 - Residential
 - Commercial/Industrial
 - Golf Course
 - Cropland
 - Prairie/Grassland
 - Pasture
 - Specialty
 - Forested Wetland
 - Non-Forested Wetland
 - Upland Forest
 - Upland Shrub Land
 - Road
 - Waterway
 - Railroad
- Structures (Stantec, NAIP 2008)**
 - Homes
 - Schools
 - Commercial/Industrial
 - Animal Housing
 - Equipment Storage
 - Metal Shed
- Transportation (BTS)**
 - Interstate Highway
 - US Highway
 - State Highway
- Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)**
 - City, Village or Town
 - Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap_Hwy88
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Sheet Map E17

Legend

- Proposed Transmission Line Alternatives**
- WI-88 Option A Connector
 - WI-88 Option B Connector
 - Arcadia-Ettrick Connector
 - Segment 10C3 Data
 - Segment 11G2 Data

- Project Features**
- Transmission Line Structure
 - Segment Endpoint
 - Access Route

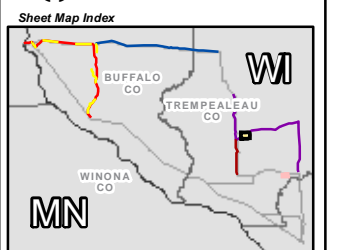
- Existing Utilities (HDR, PSCW)**
- Substation
 - Proposed Substation Siting Area
 - 69 kV Transmission Line
 - 161 kV Transmission Line
 - Natural Gas Pipeline

- Land Cover (Stantec)**
- Residential
 - Commercial/Industrial
 - Golf Course
 - Cropland
 - Prairie/Grassland
 - Pasture
 - Specialty
 - Forested Wetland
 - Non-Forested Wetland
 - Upland Forest
 - Upland Shrub Land
 - Road
 - Waterway
 - Railroad

- Structures (Stantec, NAIP 2008)**
- Homes
 - Schools
 - Commercial/Industrial
 - Animal Housing
 - Equipment Storage
 - Metal Shed

- Transportation (BTS)**
- Interstate Highway
 - US Highway
 - State Highway

- Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)**
- City, Village or Town
 - Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap_Hwy88
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Sheet Map E18

Legend

- Proposed Transmission Line Alternatives**
- WI-88 Option A Connector
 - WI-88 Option B Connector
 - Arcadia-Ettrick Connector
 - Segment 10C3 Data
 - Segment 11G2 Data

- Project Features**
- Transmission Line Structure
 - Segment Endpoint
 - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

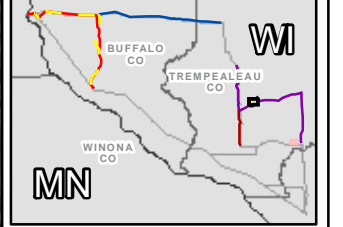
- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

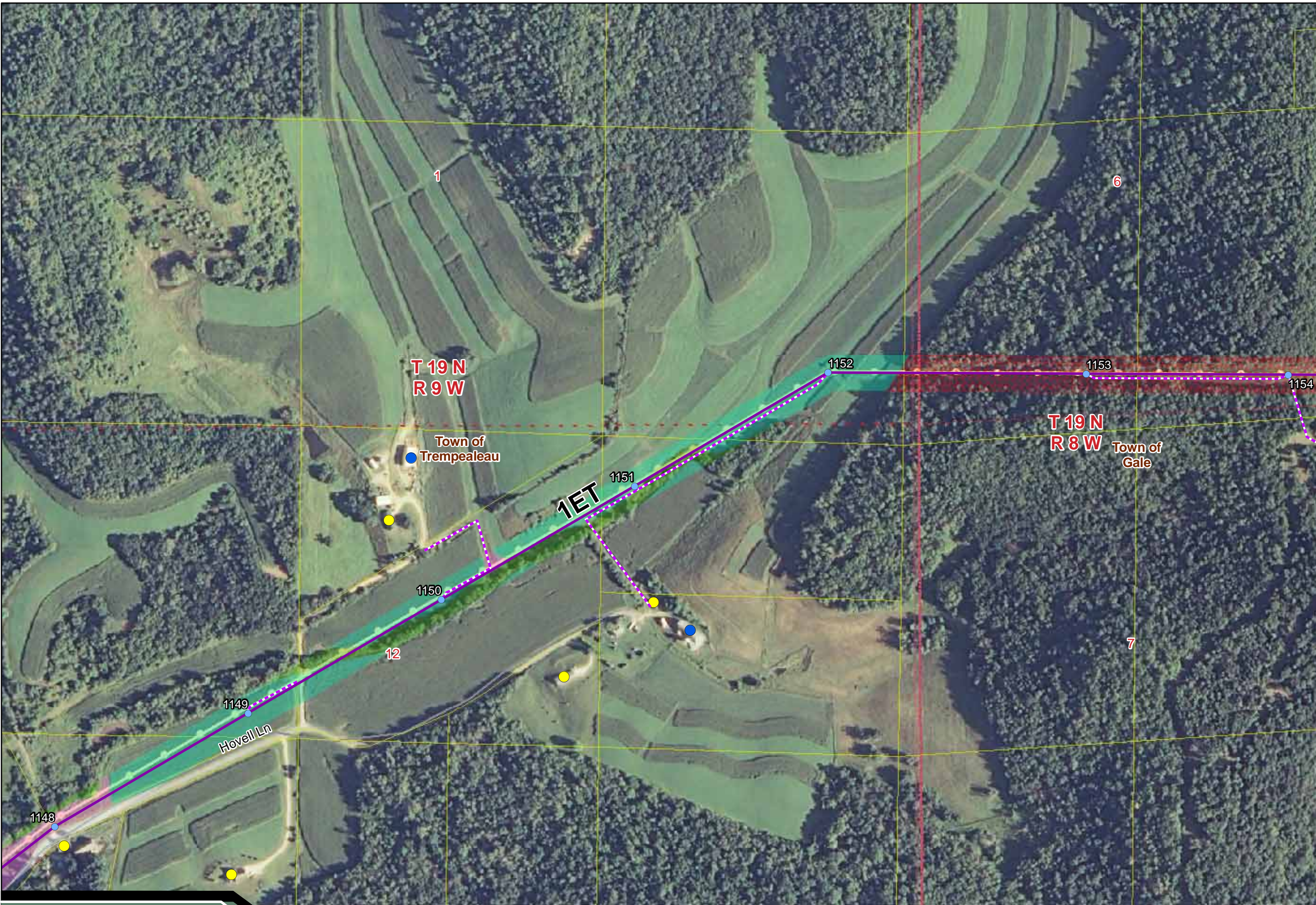
- City, Village or Town
- Parcels



Sheet Map Index



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap_Hwy88
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Sheet Map E19

Legend

- Proposed Transmission Line Alternatives**
- WI-88 Option A Connector
 - WI-88 Option B Connector
 - Arcadia-Ettrick Connector
 - Segment 10C3 Data
 - Segment 11G2 Data

- Project Features**
- Transmission Line Structure
 - Segment Endpoint
 - Access Route

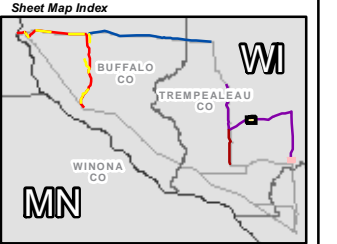
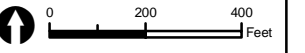
- Existing Utilities (HDR, PSCW)**
- Substation
 - Proposed Substation Siting Area
 - 69 kV Transmission Line
 - 161 kV Transmission Line
 - Natural Gas Pipeline

- Land Cover (Stantec)**
- Residential
 - Commercial/Industrial
 - Golf Course
 - Cropland
 - Prairie/Grassland
 - Pasture
 - Specialty
 - Forested Wetland
 - Non-Forested Wetland
 - Upland Forest
 - Upland Shrub Land
 - Road
 - Waterway
 - Railroad

- Structures (Stantec, NAIP 2008)**
- Homes
 - Schools
 - Commercial/Industrial
 - Animal Housing
 - Equipment Storage
 - Metal Shed

- Transportation (BTS)**
- Interstate Highway
 - US Highway
 - State Highway

- Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)**
- City, Village or Town
 - Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap_Hwy88, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN\Hwy88, P:\2007\0718\0025_00_CAPX\GIS\Map\WI_CPCN\Hwy88

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Sheet Map E20

Legend

- Proposed Transmission Line Alternatives**
- WI-88 Option A Connector
 - WI-88 Option B Connector
 - Arcadia-Ettrick Connector
 - Segment 10C3 Data
 - Segment 11G2 Data

- Project Features**
- Transmission Line Structure
 - Segment Endpoint
 - Access Route

- Existing Utilities (HDR, PSCW)**
- Substation

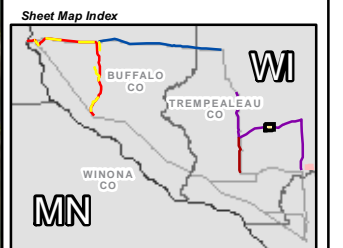
- Proposed Substation Siting Area**
- 69 kV Transmission Line
 - 161 kV Transmission Line
 - Natural Gas Pipeline

- Land Cover (Stantec)**
- Residential
 - Commercial/Industrial
 - Golf Course
 - Cropland
 - Prairie/Grassland
 - Pasture
 - Specialty
 - Forested Wetland
 - Non-Forested Wetland
 - Upland Forest
 - Upland Shrub Land
 - Road
 - Waterway
 - Railroad

- Structures (Stantec, NAIP 2008)**
- Homes
 - Schools
 - Commercial/Industrial
 - Animal Housing
 - Equipment Storage
 - Metal Shed

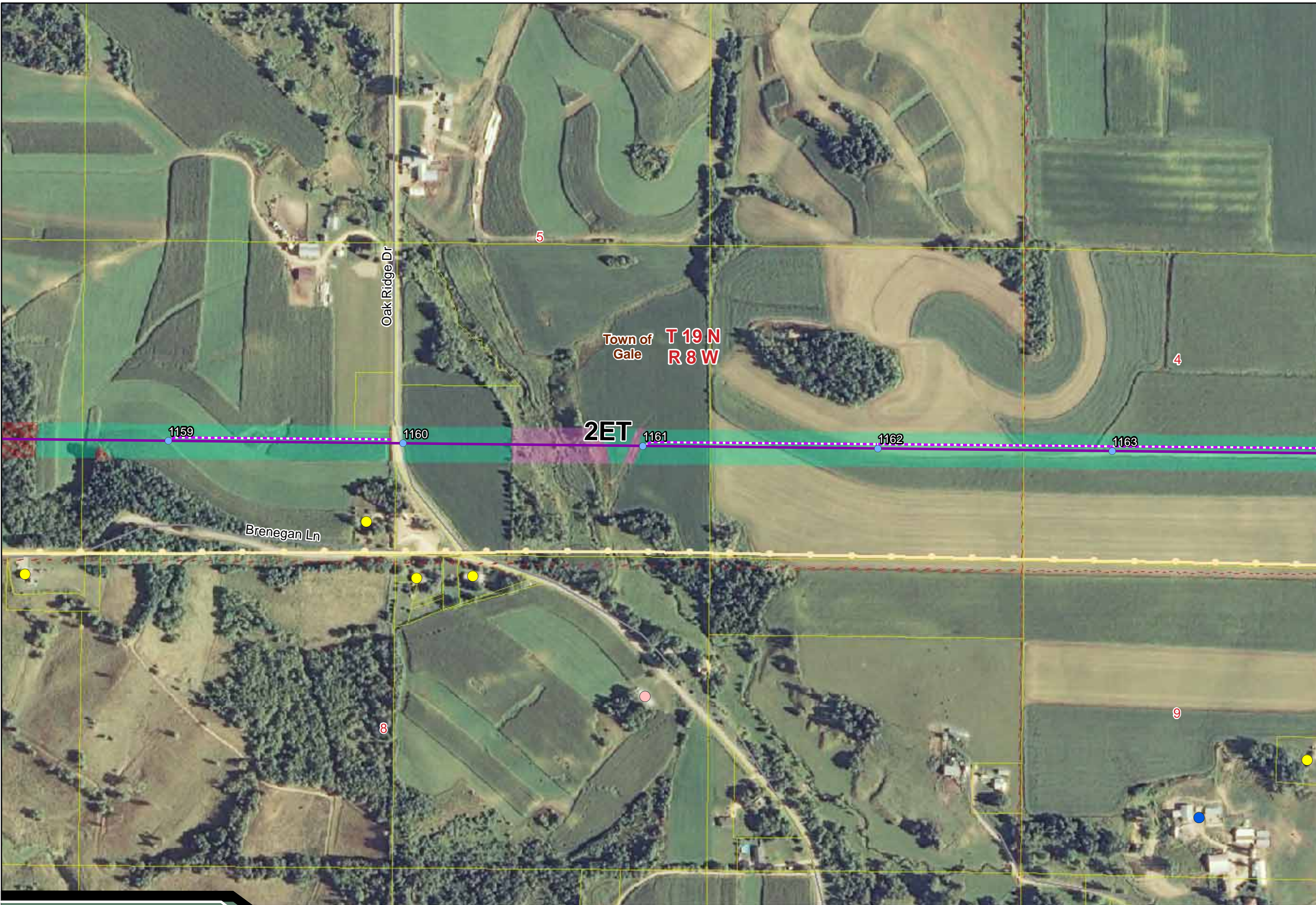
- Transportation (BTS)**
- Interstate Highway
 - US Highway
 - State Highway

- Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)**
- City, Village or Town
 - Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap_Hwy88, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN\Hwy88, P:\2007\0718\0025_00_CAPX\GIS\Map\WI_CPCN\Hwy88

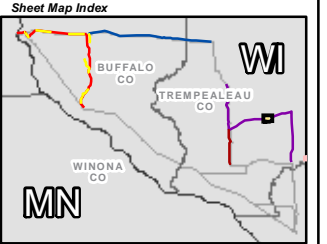
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Sheet Map E21

Legend

- Proposed Transmission Line Alternatives**
- WI-88 Option A Connector
 - WI-88 Option B Connector
 - Arcadia-Ettrick Connector
 - Segment 10C3 Data
 - Segment 11G2 Data
- Project Features**
- Transmission Line Structure
 - Segment Endpoint
 - Access Route
- Existing Utilities (HDR, PSCW)**
- Substation
 - Proposed Substation Siting Area
 - 69 kV Transmission Line
 - 161 kV Transmission Line
 - Natural Gas Pipeline
- Land Cover (Stantec)**
- Residential
 - Commercial/Industrial
 - Golf Course
 - Cropland
 - Prairie/Grassland
 - Pasture
 - Specialty
 - Forested Wetland
 - Non-Forested Wetland
 - Upland Forest
 - Upland Shrub Land
 - Road
 - Waterway
 - Railroad
- Structures (Stantec, NAIP 2008)**
- Homes
 - Schools
 - Commercial/Industrial
 - Animal Housing
 - Equipment Storage
 - Metal Shed
- Transportation (BTS)**
- Interstate Highway
 - US Highway
 - State Highway
- Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)**
- City, Village or Town
 - Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap_Hwy88, P:\2007\0718\0025\00_CAPX\GIS\Layouts\WI_CPCN\Hwy88, P:\2007\0718\0025\00_CAPX\GIS\Map\WI_CPCN\Hwy88

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Sheet Map E22

Legend

Proposed Transmission Line Alternatives

- WI-88 Option A Connector
- WI-88 Option B Connector
- Arcadia-Ettrick Connector
- Segment 10C3 Data
- Segment 11G2 Data

Project Features

- Transmission Line Structure
- Segment Endpoint
- Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

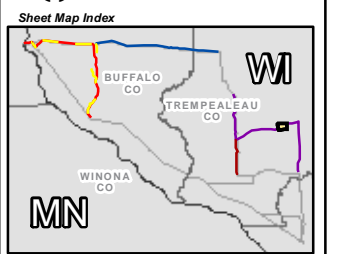
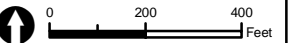
- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

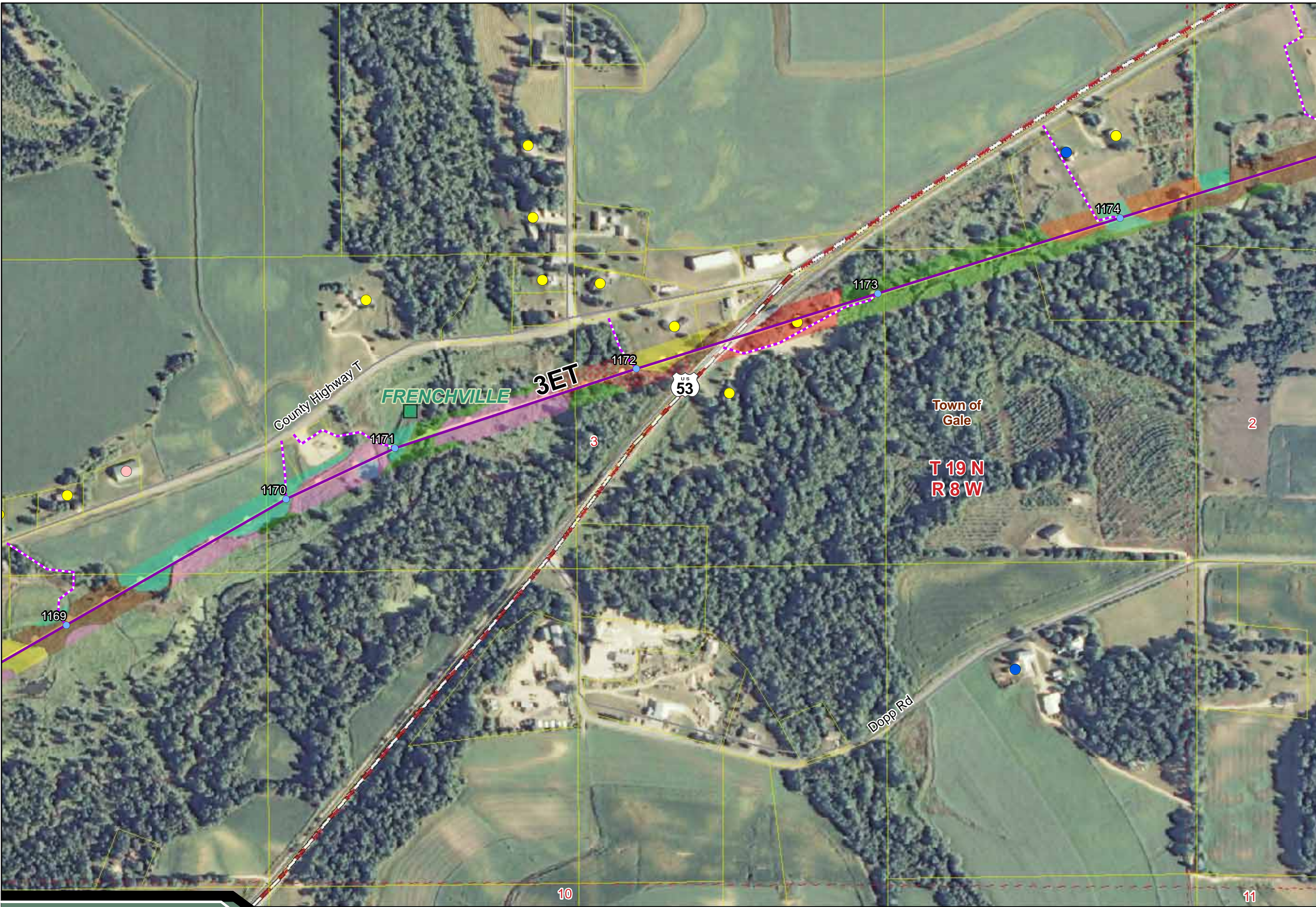
- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- City, Village or Town
- Parcels



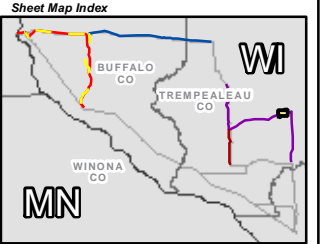
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Sheet Map E23

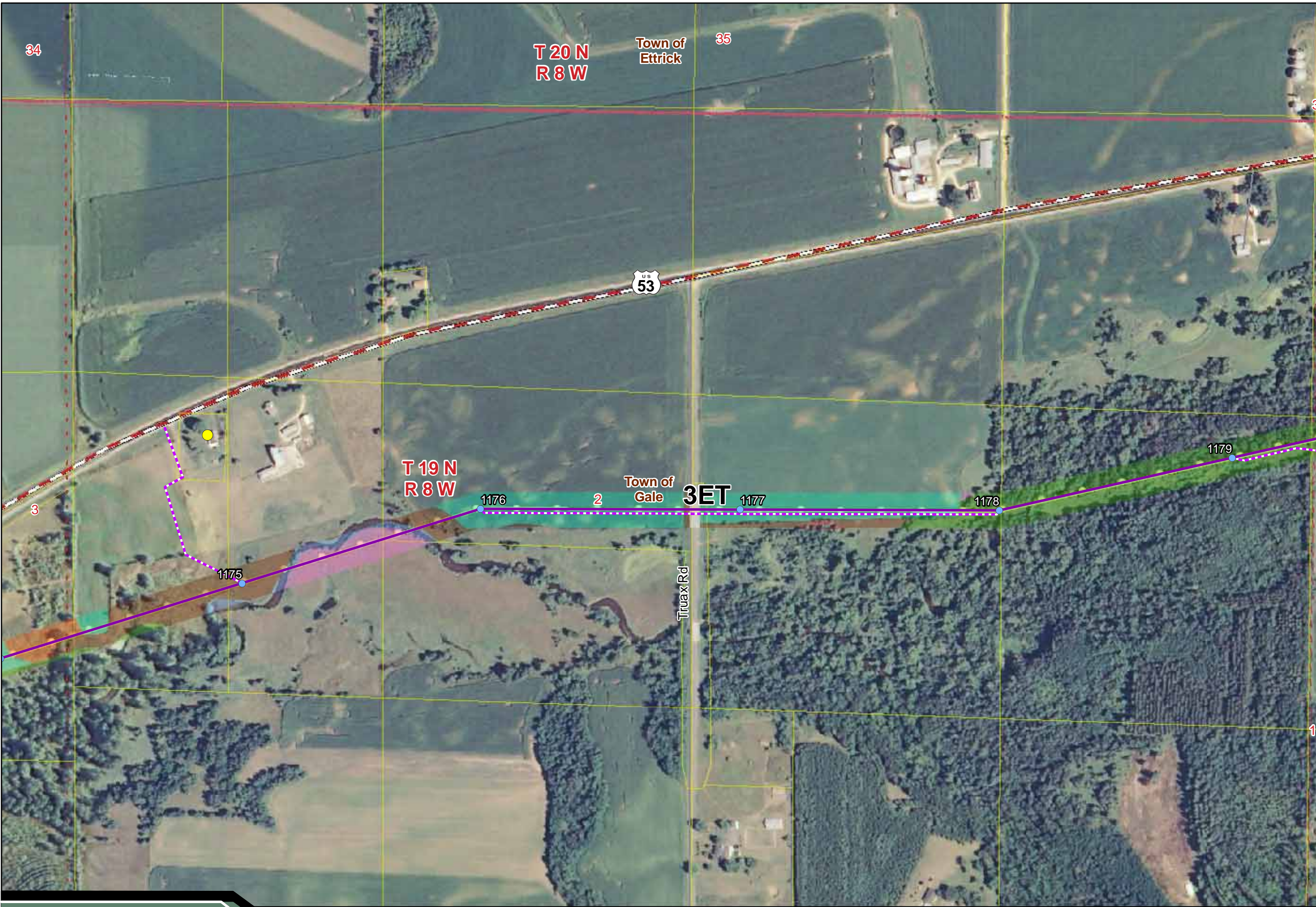
Legend

- Proposed Transmission Line Alternatives**
 - WI-88 Option A Connector
 - WI-88 Option B Connector
 - Arcadia-Ettrick Connector
 - Segment 10C3 Data
 - Segment 11G2 Data
- Project Features**
 - Transmission Line Structure
 - Segment Endpoint
 - Access Route
- Existing Utilities (HDR, PSCW)**
 - Substation
 - Proposed Substation Siting Area
 - 69 kV Transmission Line
 - 161 kV Transmission Line
 - Natural Gas Pipeline
- Land Cover (Stantec)**
 - Residential
 - Commercial/Industrial
 - Golf Course
 - Cropland
 - Prairie/Grassland
 - Pasture
 - Specialty
 - Forested Wetland
 - Non-Forested Wetland
 - Upland Forest
 - Upland Shrub Land
 - Road
 - Waterway
 - Railroad
- Structures (Stantec, NAIP 2008)**
 - Homes
 - Schools
 - Commercial/Industrial
 - Animal Housing
 - Equipment Storage
 - Metal Shed
- Transportation (BTS)**
 - Interstate Highway
 - US Highway
 - State Highway
- Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)**
 - City, Village or Town
 - Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap_Hwy88, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN_Hwy88, P:\2007\0718\0025_00_CAPX\GIS\Map\WI_CPCN_Hwy88

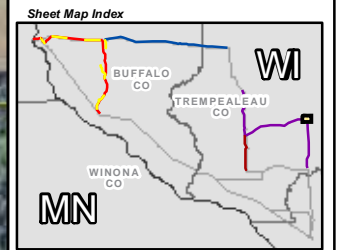
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Sheet Map E24

Legend

- Proposed Transmission Line Alternatives**
 - WI-88 Option A Connector
 - WI-88 Option B Connector
 - Arcadia-Ettrick Connector
 - Segment 10C3 Data
 - Segment 11G2 Data
- Project Features**
 - Transmission Line Structure
 - Segment Endpoint
 - Access Route
- Existing Utilities (HDR, PSCW)**
 - Substation
 - Proposed Substation Siting Area
 - 69 kV Transmission Line
 - 161 kV Transmission Line
 - Natural Gas Pipeline
- Land Cover (Stantec)**
 - Residential
 - Commercial/Industrial
 - Golf Course
 - Cropland
 - Prairie/Grassland
 - Pasture
 - Specialty
 - Forested Wetland
 - Non-Forested Wetland
 - Upland Forest
 - Upland Shrub Land
- Structures (Stantec, NAIP 2008)**
 - Homes
 - Schools
 - Commercial/Industrial
 - Animal Housing
 - Equipment Storage
 - Metal Shed
- Transportation (BTS)**
 - Interstate Highway
 - US Highway
 - State Highway
- Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)**
 - City, Village or Town
 - Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap_Hwy88
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Sheet Map E25

Legend

- Proposed Transmission Line Alternatives**
- WI-88 Option A Connector
 - WI-88 Option B Connector
 - Arcadia-Ettrick Connector
 - Segment 10C3 Data
 - Segment 11G2 Data

- Project Features**
- Transmission Line Structure
 - Segment Endpoint
 - Access Route

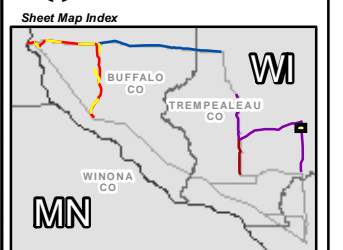
- Existing Utilities (HDR, PSCW)**
- Substation
 - Proposed Substation Siting Area
 - 69 kV Transmission Line
 - 161 kV Transmission Line
 - Natural Gas Pipeline

- Land Cover (Stantec)**
- Residential
 - Commercial/Industrial
 - Golf Course
 - Cropland
 - Prairie/Grassland
 - Pasture
 - Specialty
 - Forested Wetland
 - Non-Forested Wetland
 - Upland Forest
 - Upland Shrub Land
 - Road
 - Waterway
 - Railroad

- Structures (Stantec, NAIP 2008)**
- Homes
 - Schools
 - Commercial/Industrial
 - Animal Housing
 - Equipment Storage
 - Metal Shed

- Transportation (BTS)**
- Interstate Highway
 - US Highway
 - State Highway

- Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)**
- City, Village or Town
 - Parcels



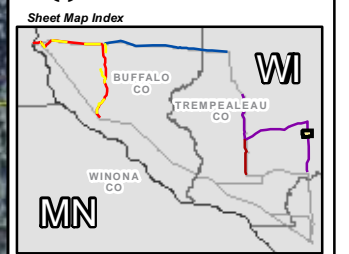
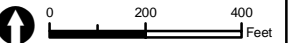
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Sheet Map E26

Legend

- Proposed Transmission Line Alternatives**
 - WI-88 Option A Connector
 - WI-88 Option B Connector
 - Arcadia-Ettrick Connector
 - Segment 10C3 Data
 - Segment 11G2 Data
- Project Features**
 - Transmission Line Structure
 - Segment Endpoint
 - Access Route
- Existing Utilities (HDR, PSCW)**
 - Substation
 - Proposed Substation Siting Area
 - 69 kV Transmission Line
 - 161 kV Transmission Line
 - Natural Gas Pipeline
- Land Cover (Stantec)**
 - Residential
 - Commercial/Industrial
 - Golf Course
 - Cropland
 - Prairie/Grassland
 - Pasture
 - Specialty
 - Forested Wetland
 - Non-Forested Wetland
 - Upland Forest
 - Upland Shrub Land
 - Road
 - Waterway
 - Railroad
- Structures (Stantec, NAIP 2008)**
 - Homes
 - Schools
 - Commercial/Industrial
 - Animal Housing
 - Equipment Storage
 - Metal Shed
- Transportation (BTS)**
 - Interstate Highway
 - US Highway
 - State Highway
- Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)**
 - City, Village or Town
 - Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap_Hwy88
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Sheet Map E27

Legend

- Proposed Transmission Line Alternatives**
- WI-88 Option A Connector
 - WI-88 Option B Connector
 - Arcadia-Ettrick Connector
 - Segment 10C3 Data
 - Segment 11G2 Data

- Project Features**
- Transmission Line Structure
 - Segment Endpoint
 - Access Route

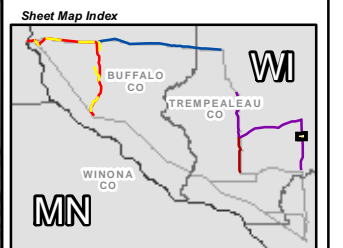
- Existing Utilities (HDR, PSCW)**
- Substation
 - Proposed Substation Siting Area
 - 69 kV Transmission Line
 - 161 kV Transmission Line
 - Natural Gas Pipeline

- Land Cover (Stantec)**
- Residential
 - Commercial/Industrial
 - Golf Course
 - Cropland
 - Prairie/Grassland
 - Pasture
 - Specialty
 - Forested Wetland
 - Non-Forested Wetland
 - Upland Forest
 - Upland Shrub Land
 - Road
 - Waterway
 - Railroad

- Structures (Stantec, NAIP 2008)**
- Homes
 - Schools
 - Commercial/Industrial
 - Animal Housing
 - Equipment Storage
 - Metal Shed

- Transportation (BTS)**
- Interstate Highway
 - US Highway
 - State Highway

- Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)**
- City, Village or Town
 - Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap_Hwy88
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Sheet Map E28

Legend

- Proposed Transmission Line Alternatives**
- WI-88 Option A Connector
 - WI-88 Option B Connector
 - Arcadia-Ettrick Connector
 - Segment 10C3 Data
 - Segment 11G2 Data

- Project Features**
- Transmission Line Structure
 - Segment Endpoint
 - Access Route

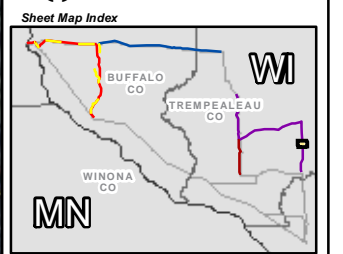
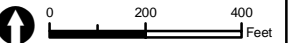
- Existing Utilities (HDR, PSCW)**
- Substation
 - Proposed Substation Siting Area
 - 69 kV Transmission Line
 - 161 kV Transmission Line
 - Natural Gas Pipeline

- Land Cover (Stantec)**
- Residential
 - Commercial/Industrial
 - Golf Course
 - Cropland
 - Prairie/Grassland
 - Pasture
 - Specialty
 - Forested Wetland
 - Non-Forested Wetland
 - Upland Forest
 - Upland Shrub Land
 - Road
 - Waterway
 - Railroad

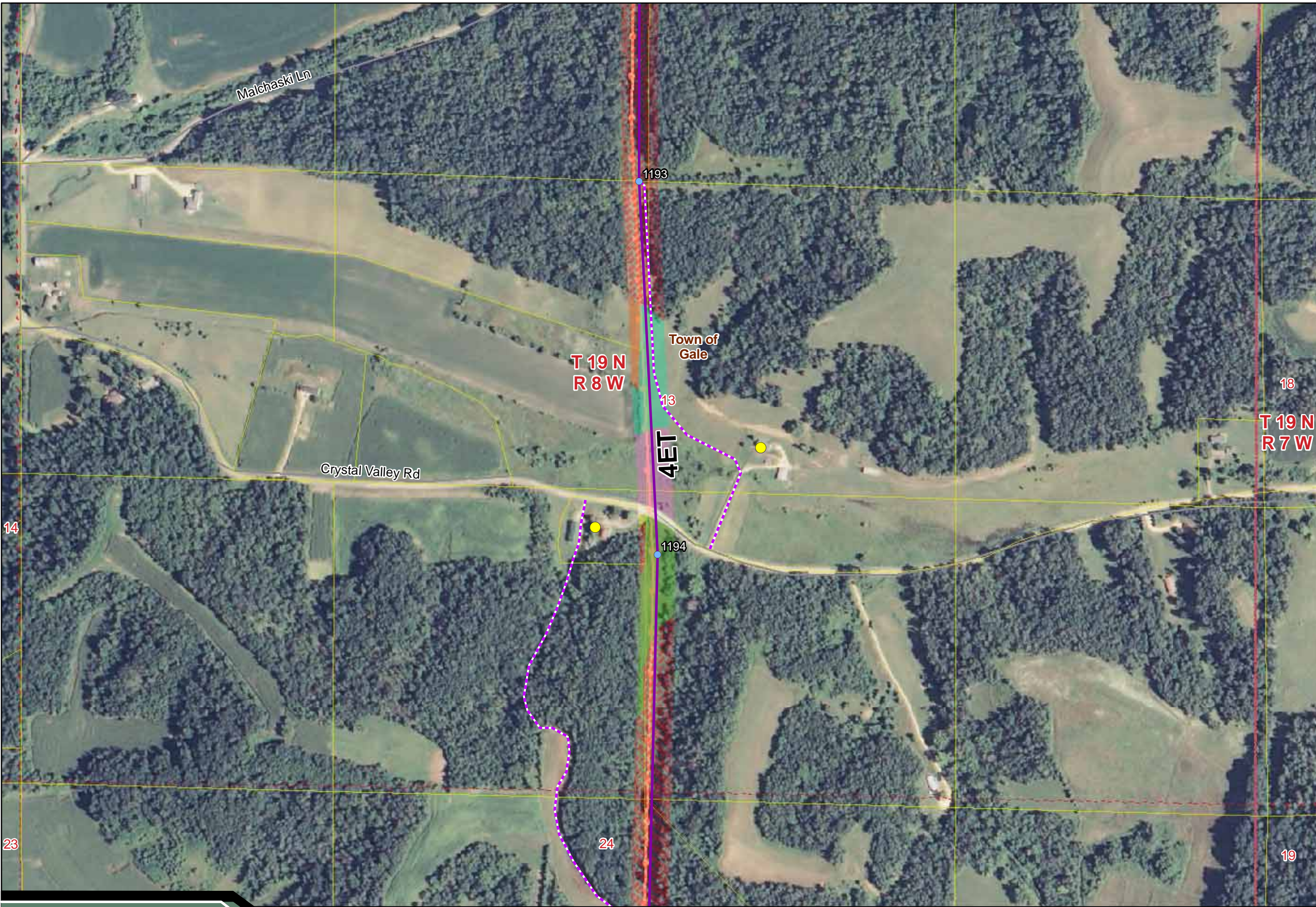
- Structures (Stantec, NAIP 2008)**
- Homes
 - Schools
 - Commercial/Industrial
 - Animal Housing
 - Equipment Storage
 - Metal Shed

- Transportation (BTS)**
- Interstate Highway
 - US Highway
 - State Highway

- Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)**
- City, Village or Town
 - Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap_Hwy88
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Sheet Map E29

Legend

- Proposed Transmission Line Alternatives**
- WI-88 Option A Connector
 - WI-88 Option B Connector
 - Arcadia-Ettrick Connector
 - Segment 10C3 Data
 - Segment 11G2 Data

- Project Features**
- Transmission Line Structure
 - Segment Endpoint
 - Access Route

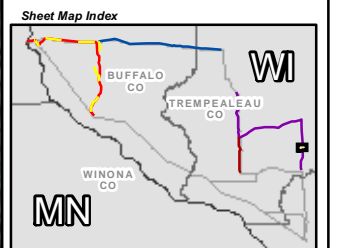
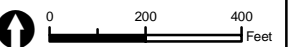
- Existing Utilities (HDR, PSCW)**
- Substation
 - Proposed Substation Siting Area
 - 69 kV Transmission Line
 - 161 kV Transmission Line
 - Natural Gas Pipeline

- Land Cover (Stantec)**
- Residential
 - Commercial/Industrial
 - Golf Course
 - Cropland
 - Prairie/Grassland
 - Pasture
 - Specialty
 - Forested Wetland
 - Non-Forested Wetland
 - Upland Forest
 - Upland Shrub Land
 - Road
 - Waterway
 - Railroad

- Structures (Stantec, NAIP 2008)**
- Homes
 - Schools
 - Commercial/Industrial
 - Animal Housing
 - Equipment Storage
 - Metal Shed

- Transportation (BTS)**
- Interstate Highway
 - US Highway
 - State Highway

- Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)**
- City, Village or Town
 - Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap_Hwy88
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Sheet Map E30

Legend

Proposed Transmission Line Alternatives

- WI-88 Option A Connector
- WI-88 Option B Connector
- Arcadia-Ettrick Connector
- Segment 10C3 Data
- Segment 11G2 Data

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

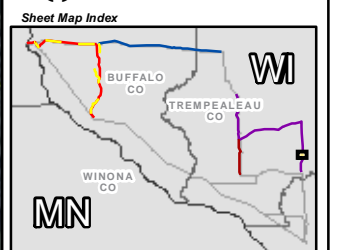
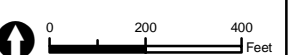
- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

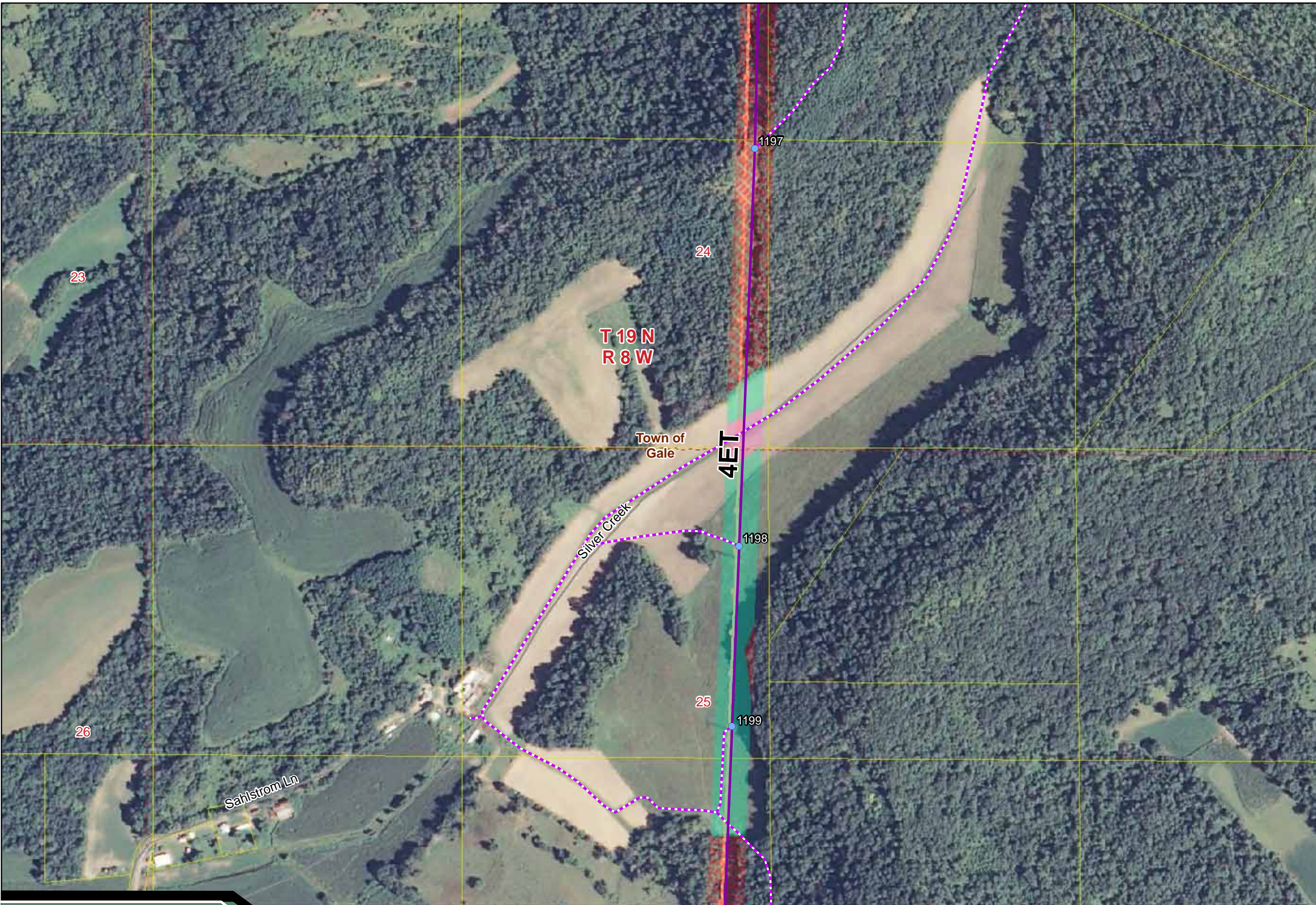
- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap_Hwy88
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Sheet Map E31

Legend

- Proposed Transmission Line Alternatives**
- WI-88 Option A Connector
 - WI-88 Option B Connector
 - Arcadia-Ettrick Connector
 - Segment 10C3 Data
 - Segment 11G2 Data

- Project Features**
- Transmission Line Structure
 - Segment Endpoint
 - Access Route

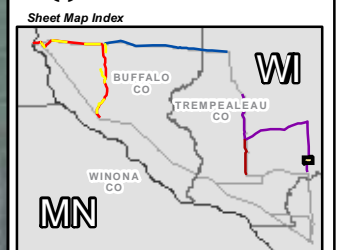
- Existing Utilities (HDR, PSCW)**
- Substation
 - Proposed Substation Siting Area
 - 69 kV Transmission Line
 - 161 kV Transmission Line
 - Natural Gas Pipeline

- Land Cover (Stantec)**
- Residential
 - Commercial/Industrial
 - Golf Course
 - Cropland
 - Prairie/Grassland
 - Pasture
 - Specialty
 - Forested Wetland
 - Non-Forested Wetland
 - Upland Forest
 - Upland Shrub Land
 - Road
 - Waterway
 - Railroad

- Structures (Stantec, NAIP 2008)**
- Homes
 - Schools
 - Commercial/Industrial
 - Animal Housing
 - Equipment Storage
 - Metal Shed

- Transportation (BTS)**
- Interstate Highway
 - US Highway
 - State Highway

- Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)**
- City, Village or Town
 - Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap_Hwy88, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN\Hwy88, P:\2007\0718\0025_00_CAPX\GIS\Map\WI_CPCN\Hwy88

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Sheet Map E32

Legend

Proposed Transmission Line Alternatives

- WI-88 Option A Connector
- WI-88 Option B Connector
- Arcadia-Ettrick Connector
- Segment 10C3 Data
- Segment 11G2 Data

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

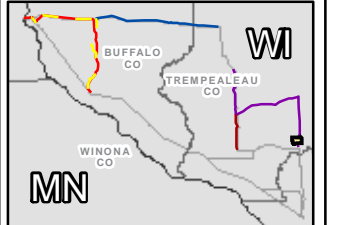
- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- Parcels



Sheet Map Index



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap_Hwy88, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN\Hwy88, P:\2007\0718\0025_00_CAPX\GIS\Map\WI_CPCN\Hwy88

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Sheet Map E33

Legend

Proposed Transmission Line Alternatives

- WI-88 Option A Connector
- WI-88 Option B Connector
- Arcadia-Ettrick Connector
- Segment 10C3 Data
- Segment 11G2 Data

Project Features

- Transmission Line Structure
- ⊗ Segment Endpoint
- - - Access Route

Existing Utilities (HDR, PSCW)

- Substation
- Proposed Substation Siting Area
- 69 kV Transmission Line
- 161 kV Transmission Line
- Natural Gas Pipeline

Land Cover (Stantec)

- Residential
- Commercial/Industrial
- Golf Course
- Cropland
- Prairie/Grassland
- Pasture
- Specialty
- Forested Wetland
- Non-Forested Wetland
- Upland Forest
- Upland Shrub Land
- Road
- Waterway
- Railroad

Structures (Stantec, NAIP 2008)

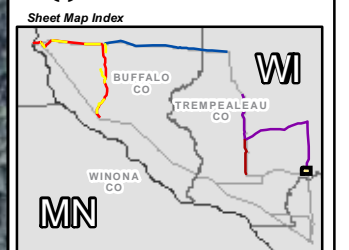
- Homes
- Schools
- Commercial/Industrial
- Animal Housing
- Equipment Storage
- Metal Shed

Transportation (BTS)

- Interstate Highway
- US Highway
- State Highway

Jurisdiction (WDNR, Buffalo, La Crosse and Trempealeau)

- - - City, Village or Town
- Parcels



Data Sources: WDNR, WisDOT, BTS, Stantec, HDR, PSCW, LMIC, FCC, Platts, Census, Buffalo, La Crosse, and Trempealeau Counties, WI_CPCN_SheetMap_Hwy88, WI_CPCN_SheetMap_Hwy88, P:\2007\0718\0025_00_CAPX\GIS\Layouts\WI_CPCN\Hwy88, P:\2007\0718\0025_00_CAPX\GIS\Map\WI_CPCN\Hwy88

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