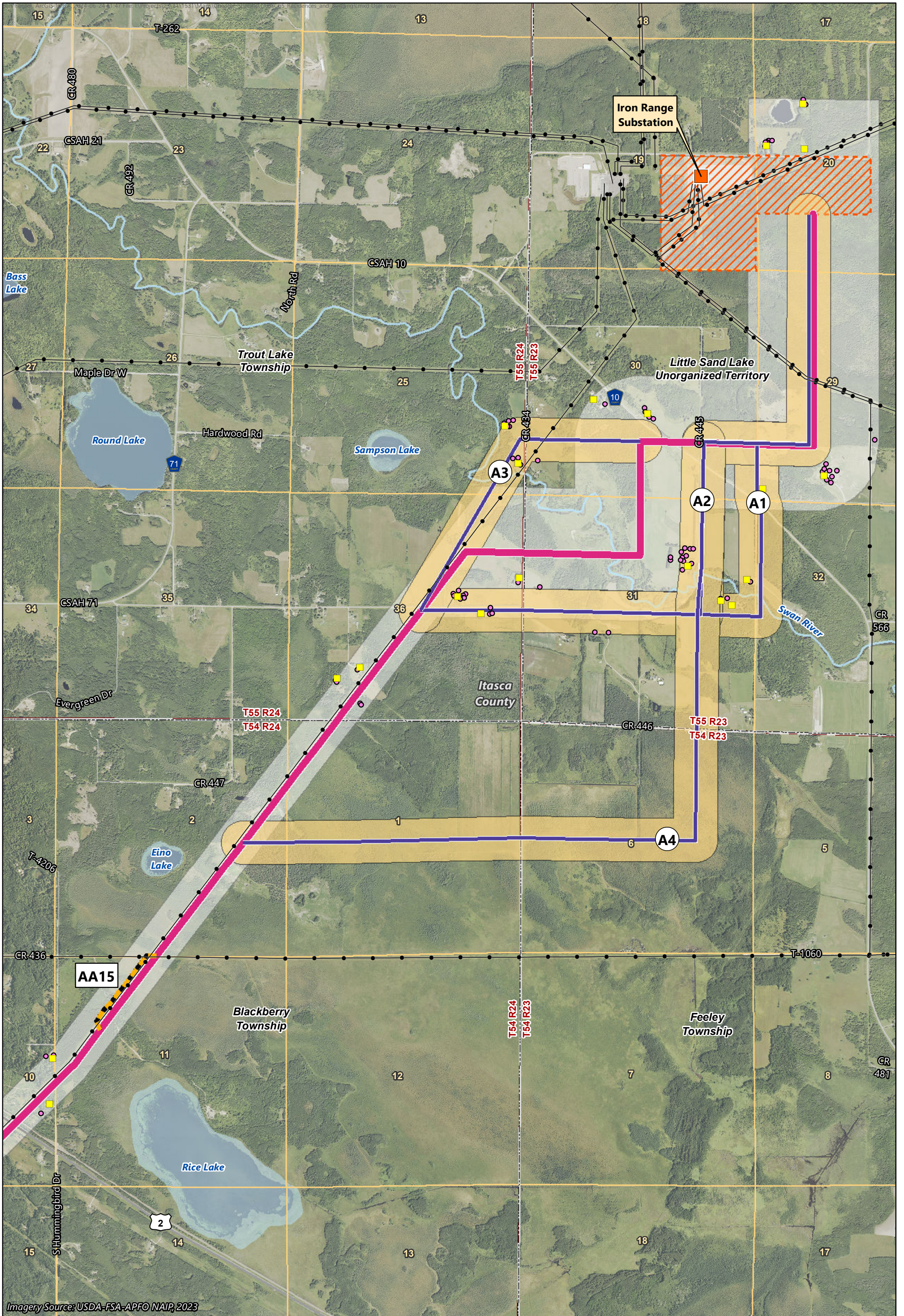












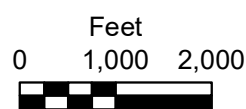


Map Book 5A
Residences and Buildings



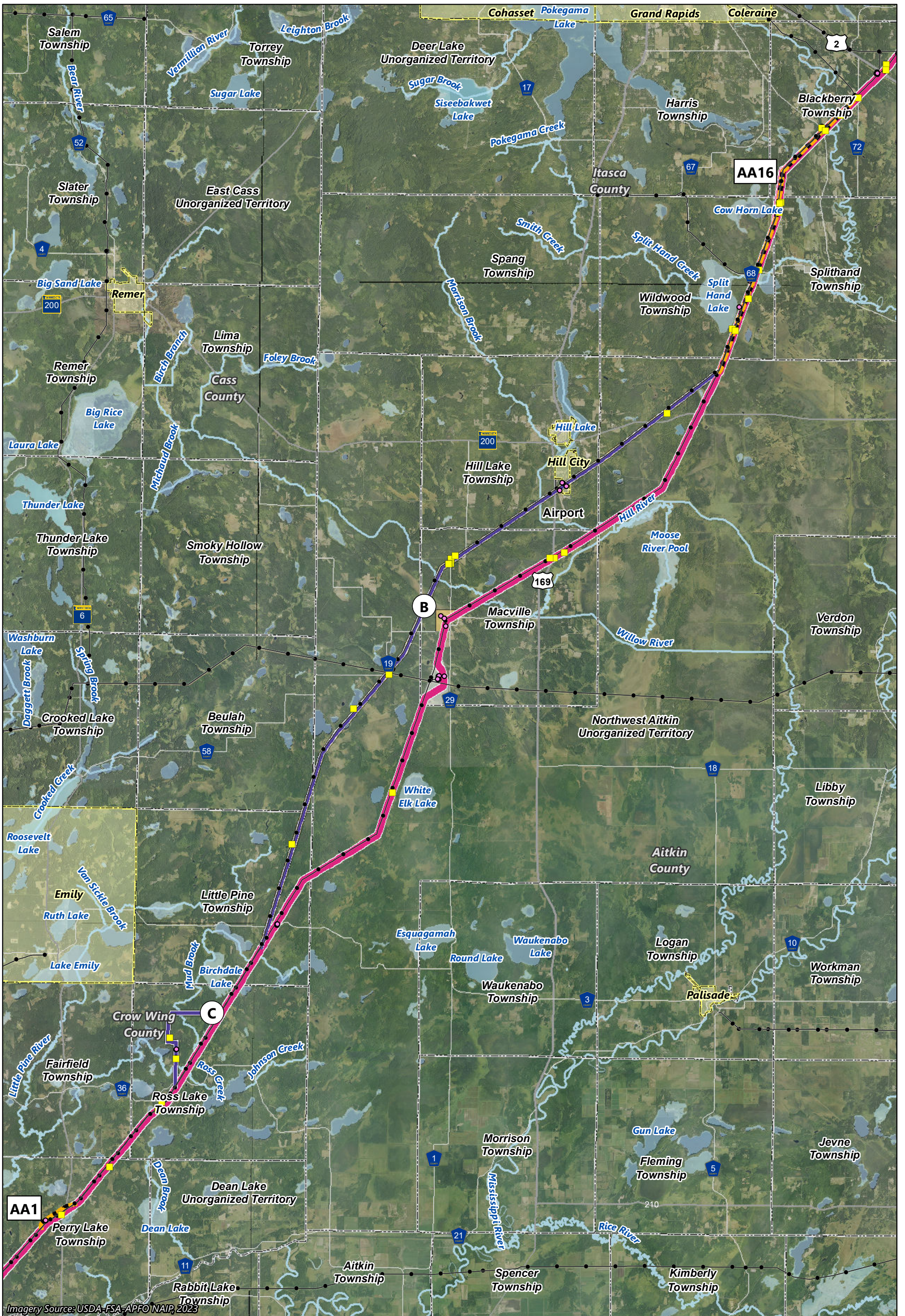
Imagery Source: USDA-FSA-APFO NAIP, 2023

-  Applicants' Proposed Route
-  Route Width
-  Route Alternative
-  Alignment Alternative
-  Route Alternative Width
-  Existing Transmission Line
-  Iron Range Substation
-  Substation Siting Area
-  Residence
-  Not a residence
-  PWI Waterway
-  PWI Basin














Map 5A-1

RESIDENCES AND STRUCTURES
Iron Range Substation Region
Northland Reliability Project



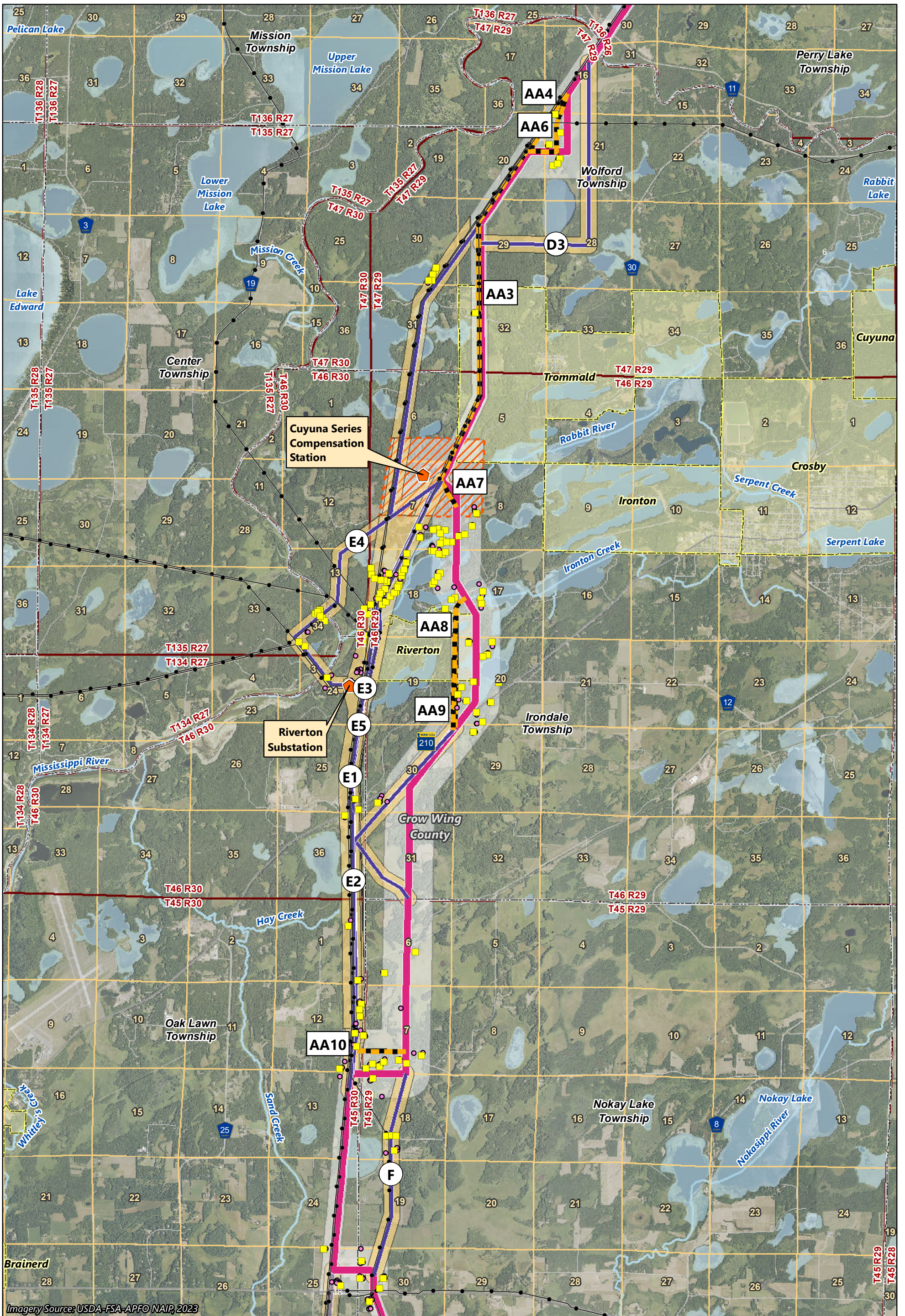
Imagery Source: USDA-FSA-APFO NAIP, 2023

-  Applicants' Proposed Route
-  Existing Transmission Line
-  Municipal Boundary
-  Route Width
-  Residence
-  Not a residence
-  Route Alternative
-  PWI Waterway
-  PWI Basin
-  Alignment Alternative
-  Route Alternative Width




Map 5A-2

RESIDENCES AND STRUCTURES
Hill City to Little Pine Region
Northland Reliability Project



Imagery Source: USDA-FSA-APFO NAIP, 2023

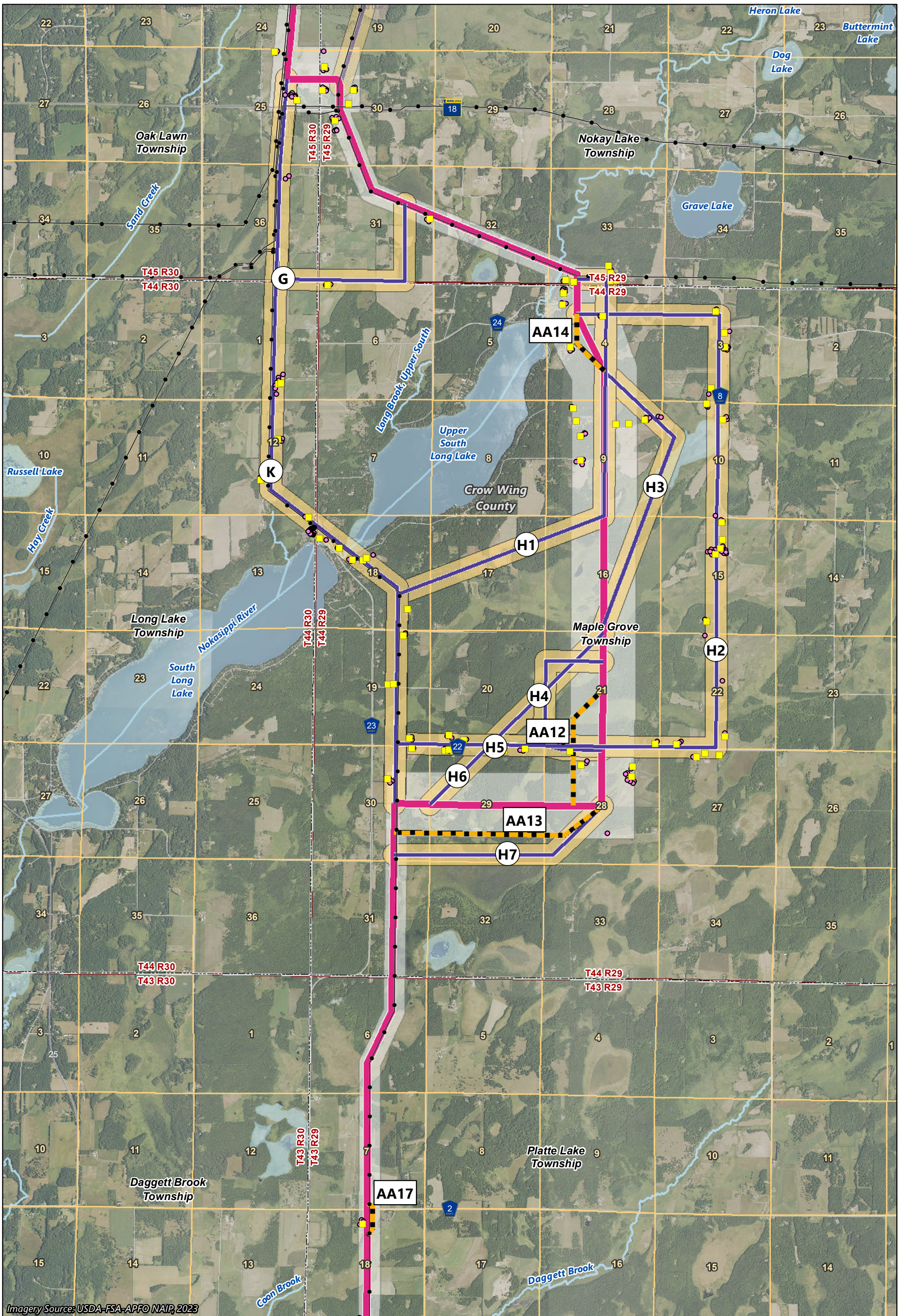
-  Applicants' Proposed Route
-  Route Width
-  Route Alternative
-  Alignment Alternative
-  Route Alternative Width
-  Existing Transmission Line
-  Riverton Substation
-  Cuyuna Series Compensation Station
-  Substation Siting Area
-  Residence
-  Not a residence
-  PWI Waterway
-  PWI Basin
-  Municipal Boundary













Miles
0 0.5 1

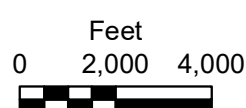
Map 5A-3

RESIDENCES AND STRUCTURES
Cole Lake/Riverton Region
Northland Reliability Project



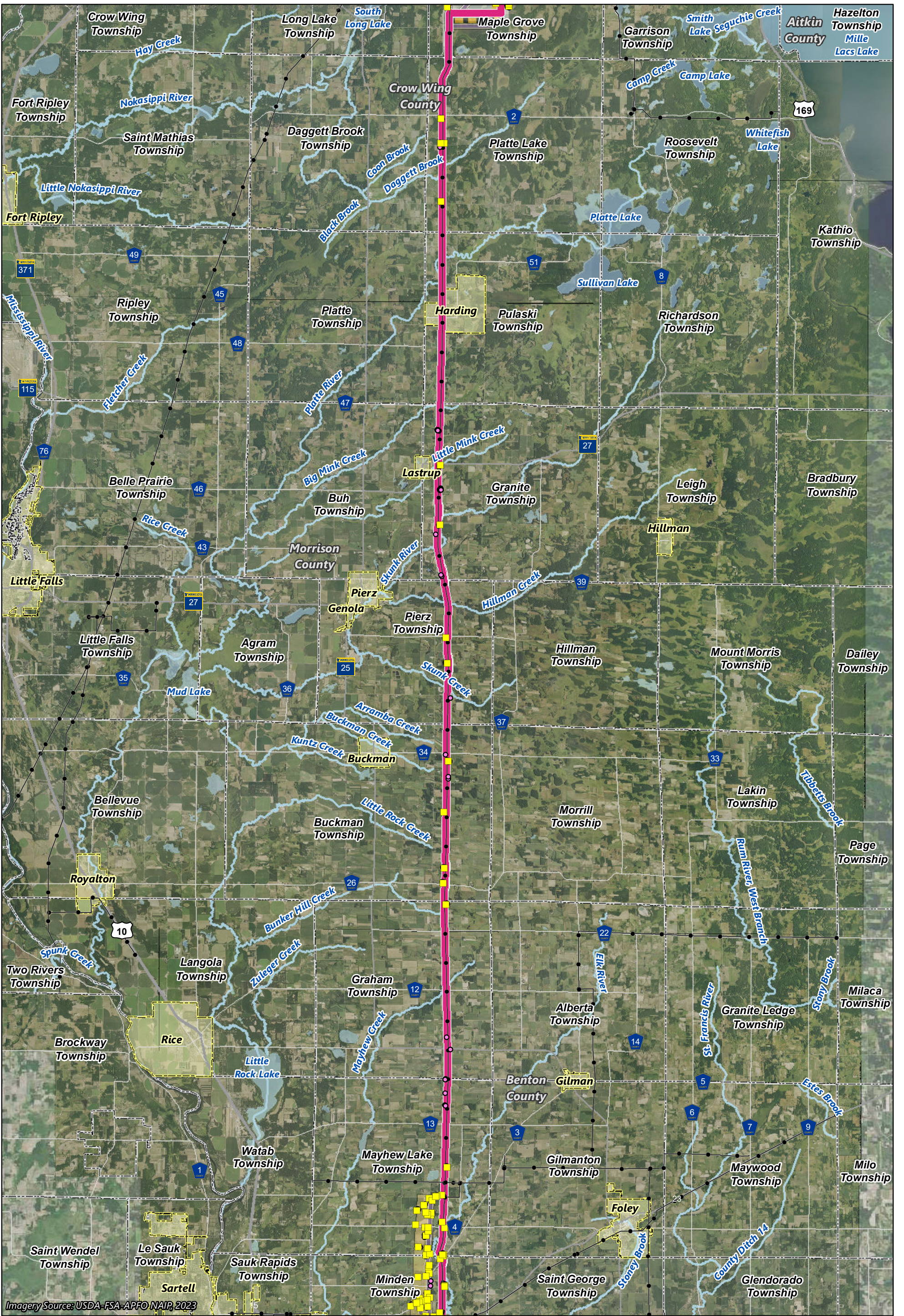
Imagery Source: USDA-FSA-APFO NAIP, 2023

-  Applicants' Proposed Route
-  Existing Transmission Line
-  Route Width
-  Residence
-  Route Alternative
-  Not a residence
-  Alignment Alternative
-  PWI Waterway
-  Route Alternative Width
-  PWI Basin














Map 5A-4

RESIDENCES AND STRUCTURES
Long Lake Region
Northland Reliability Project



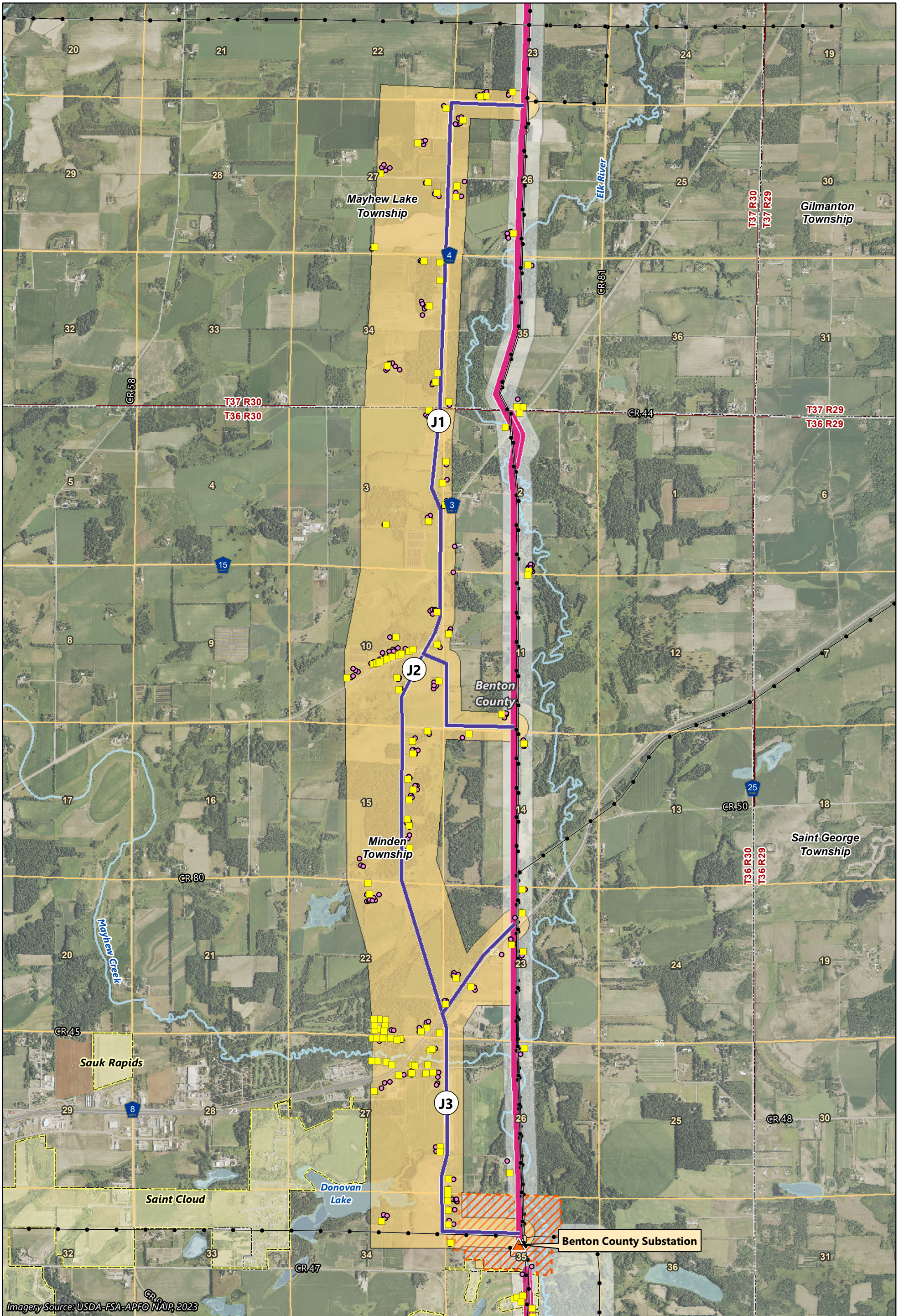
Imagery Source: USDA-FSA-APFO NAIP, 2023

-  Applicants' Proposed Route
-  Existing Transmission Line
-  Municipal Boundary
-  Route Width
-  Residence
-  Route Alternative
-  Not a residence
-  Alignment Alternative
-  PWI Waterway
-  Route Alternative Width
-  PWI Basin
















Map 5A-5

RESIDENCES AND STRUCTURES
Morrison County Region
Northland Reliability Project



Imagery Source: USDA-FSA-APFO NAIP, 2023

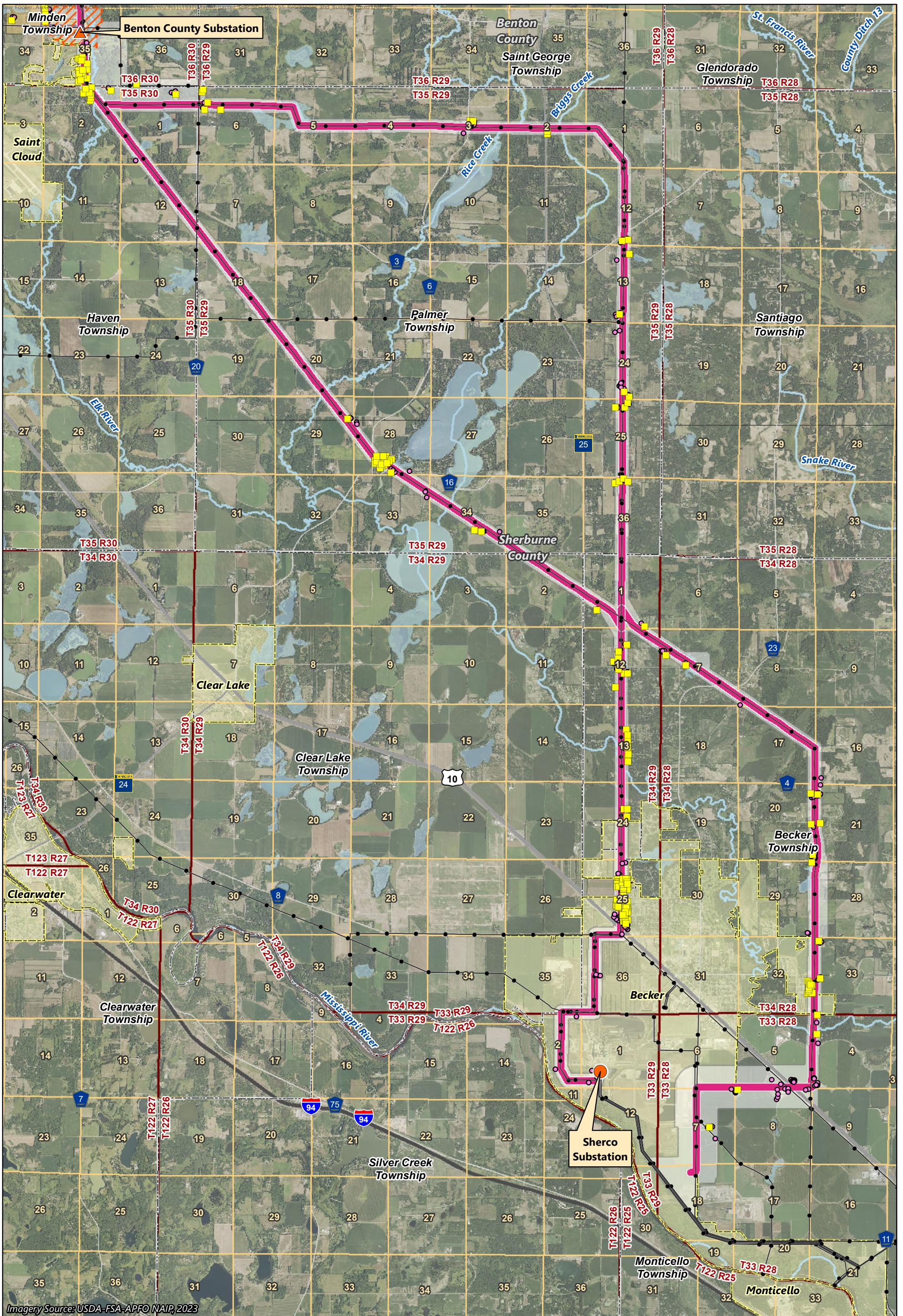
- | | | |
|---|--|--|
|  Applicants' Proposed Route |  Existing Transmission Line |  PWI Waterway |
|  Route Width |  Benton County Substation |  PWI Basin |
|  Route Alternative |  Substation Siting Area |  Municipal Boundary |
|  Alignment Alternative |  Residence | |
|  Route Alternative Width |  Not a residence | |

















Feet
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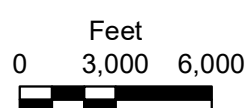
Map 5A-6

RESIDENCES AND STRUCTURES
Benton County Elk River Region
Northland Reliability Project



Imagery Source: USDA-FSA-APFO NAIP, 2023

-  Applicants' Proposed Route
-  Route Width
-  Route Alternative
-  Alignment Alternative
-  Route Alternative Width
-  Existing Transmission Line
-  Benton County Substation
-  Sherco Substation
-  Substation Siting Area
-  Residence
-  Not a residence
-  PWI Waterway
-  PWI Basin
-  Municipal Boundary



Map 5A-7

RESIDENCES AND STRUCTURES
 Sherburne County Region
 Northland Reliability Project