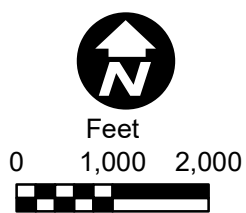


Imagery Source: MnGeo WMS service, 2021

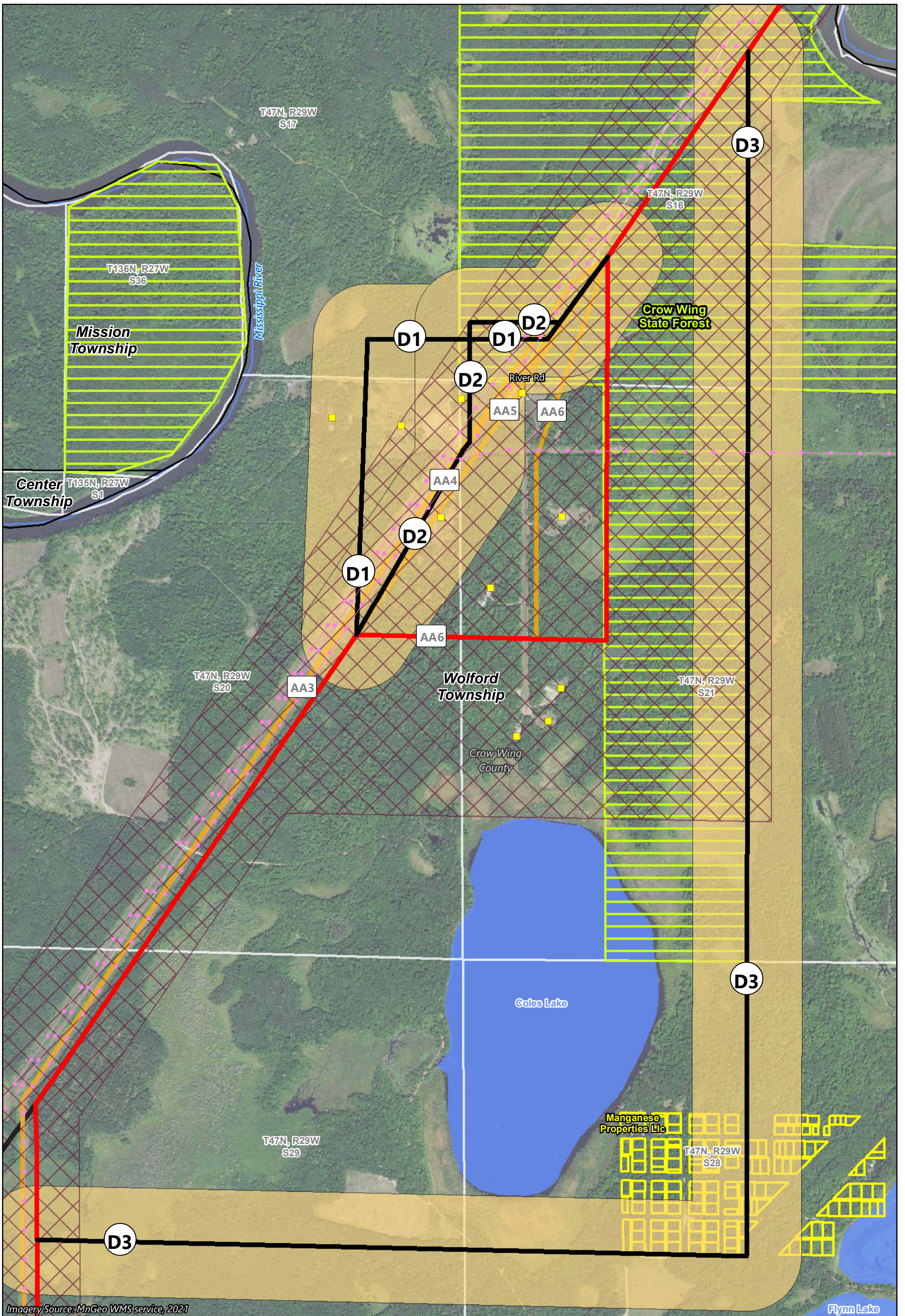
- Proposed Alignment
- Proposed Route
- Route Alternative
- Alignment Alternative
- Route Alternative Width

- Study Area
- Existing Transmission Line
- Cuyuna Series Compensation Station
- Residence Location












- PWI Waterway
- PWI Basin
- State Forest
- Other DNR Land
- Municipal Boundary

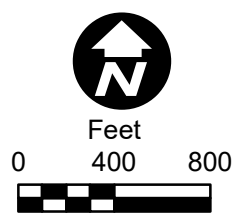


Map 5-1  
**COLE LAKE AREA (COLA)**  
 Scoping Alternatives  
 Northland Reliability Project



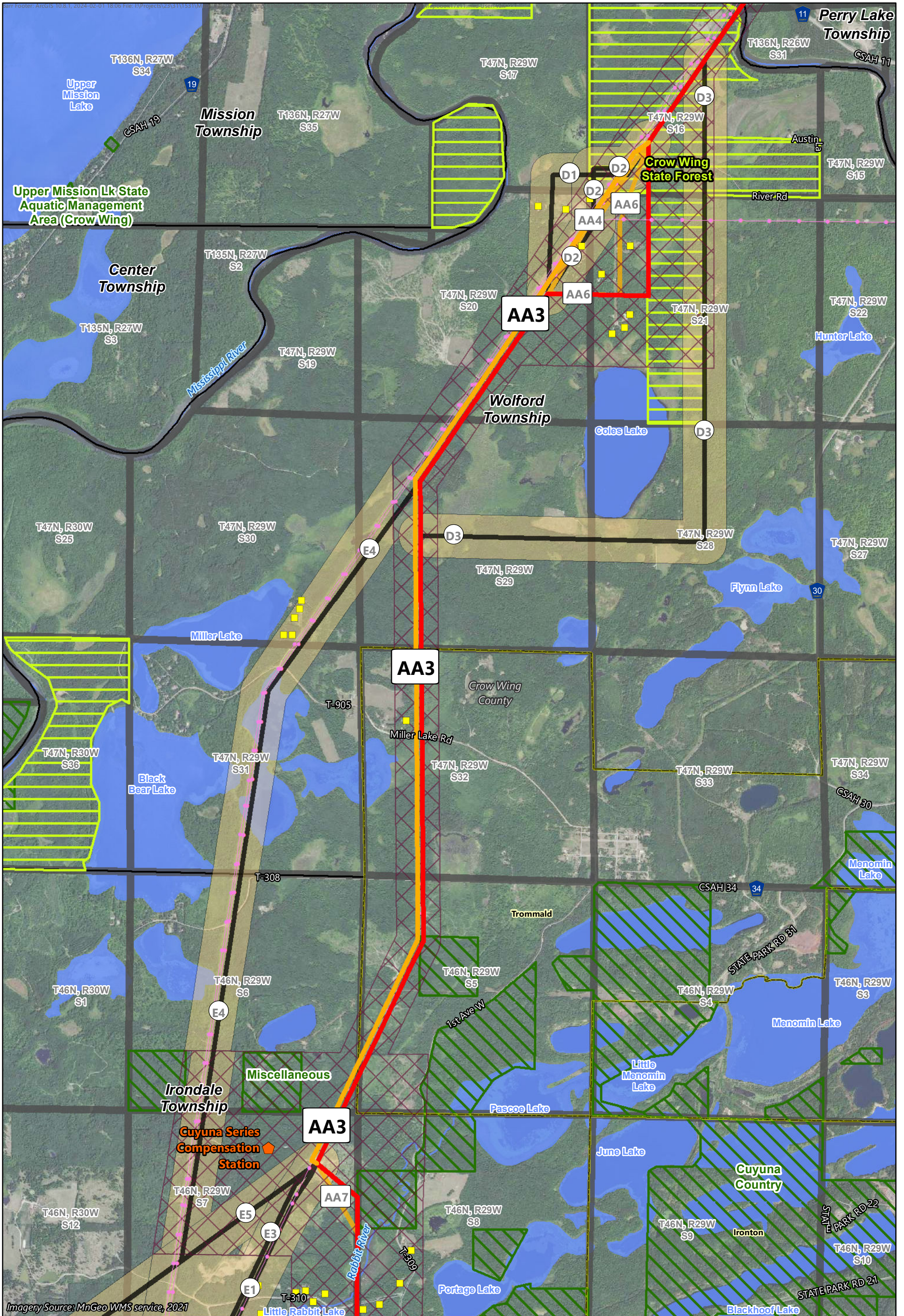
Imagery Source: MnGeo WMS service, 2021

-  Proposed Alignment
-  Existing Transmission Line
-  State Forest
-  Proposed Route
-  Residence Location
-  PWI Waterway
-  Route Alternative
-  PWI Basin
-  Alignment Alternative
-  Manganese Properties LLC Parcel
-  Route Alternative Width

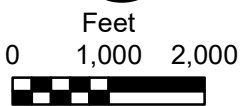
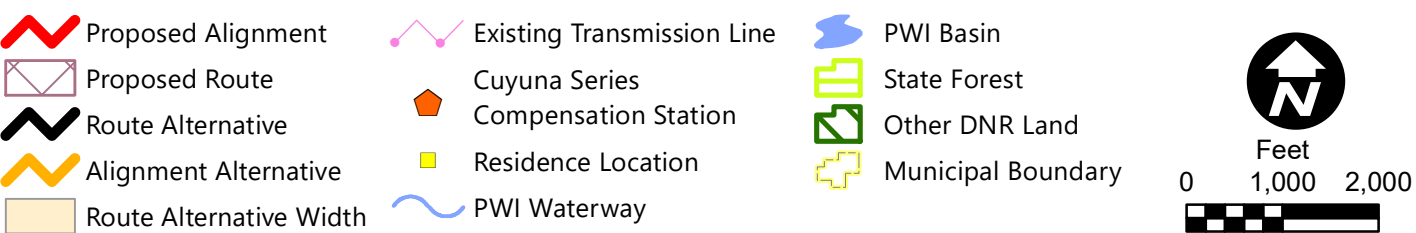


Map 5-2

**ROUTE ALTERNATIVES D1 - D3**  
 Cole Lake Area (COLA)  
 Scoping Alternatives  
 Northland Reliability Project

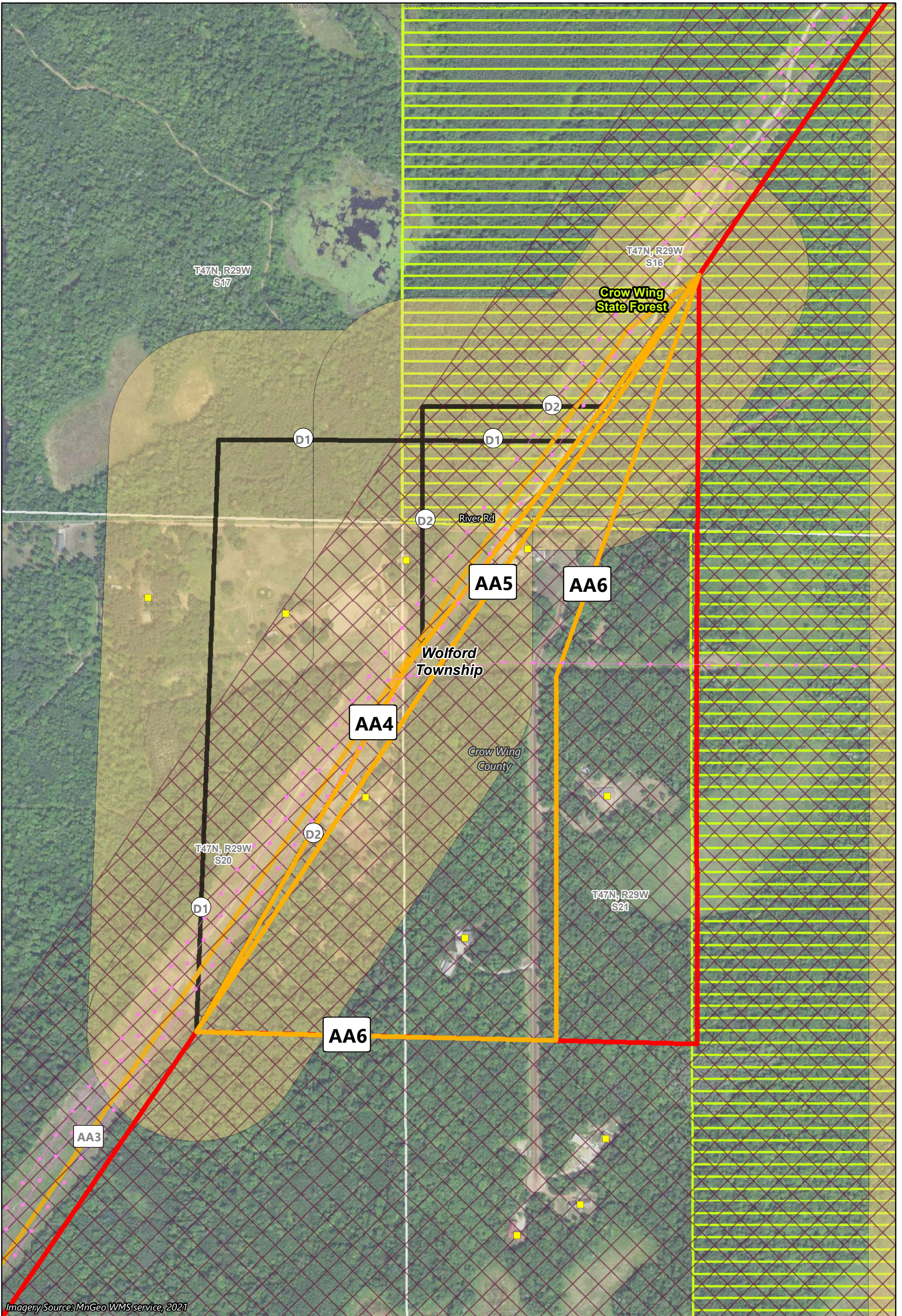


Imagery Source: MnGeo WMS service, 2021











Map 5-3

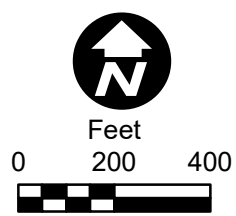
**ALIGNMENT ALTERNATIVE AA3**  
 Cole Lake Area (COLA)  
 Scoping Alternatives  
 Northland Reliability Project



Imagery Source: MnGeo WMS service, 2021

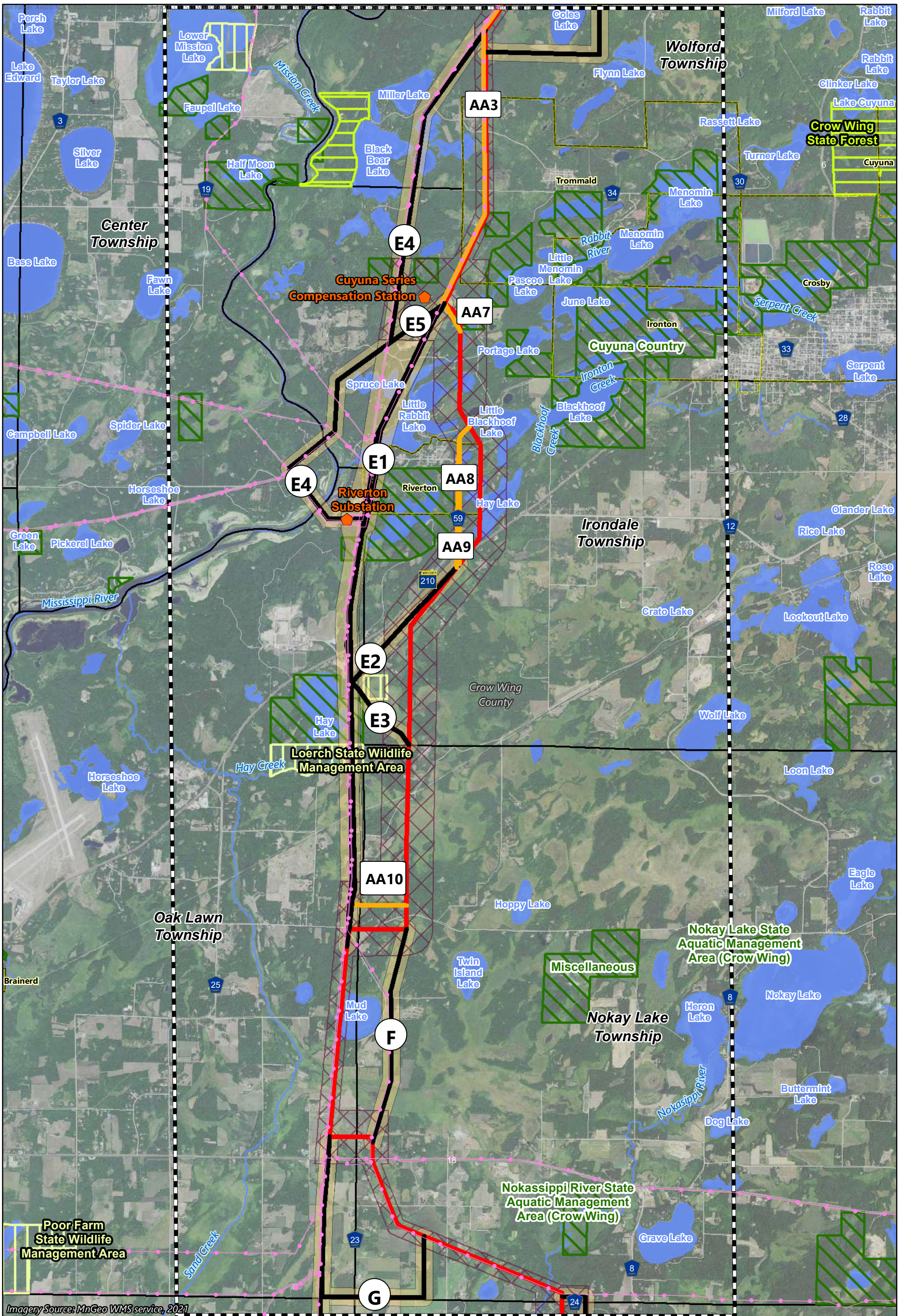
-  Proposed Alignment
-  Proposed Route
-  Route Alternative
-  Alignment Alternative
-  Route Alternative Width

-  Existing Transmission Line
-  Residence Location
-  State Forest



Map 5-4

**ALIGNMENT ALTERNATIVES AA4 - AA6**  
 Cole Lake Area (COLA)  
 Scoping Alternatives  
 Northland Reliability Project

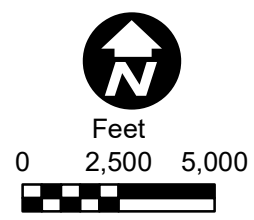


Imagery Source: MnGeo WMS service, 2021

- Proposed Alignment
- Proposed Route
- Route Alternative
- Alignment Alternative
- Route Alternative Width
- Study Area

- Existing Transmission Line
- Riverton Substation
- Cuyuna Series Compensation Station
- PWI Waterway
- PWI Basin

- State WMA
- State Forest
- Other DNR Land
- Municipal Boundary



Map 6-1  
**RIVERTON AREA (RIVA)**  
 Scoping Alternatives  
 Northland Reliability Project