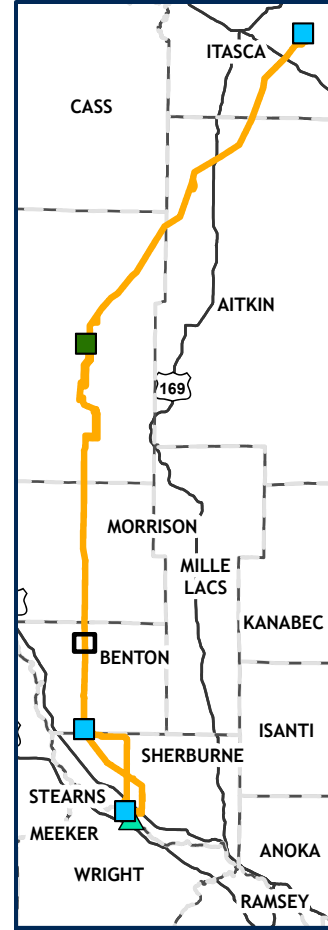
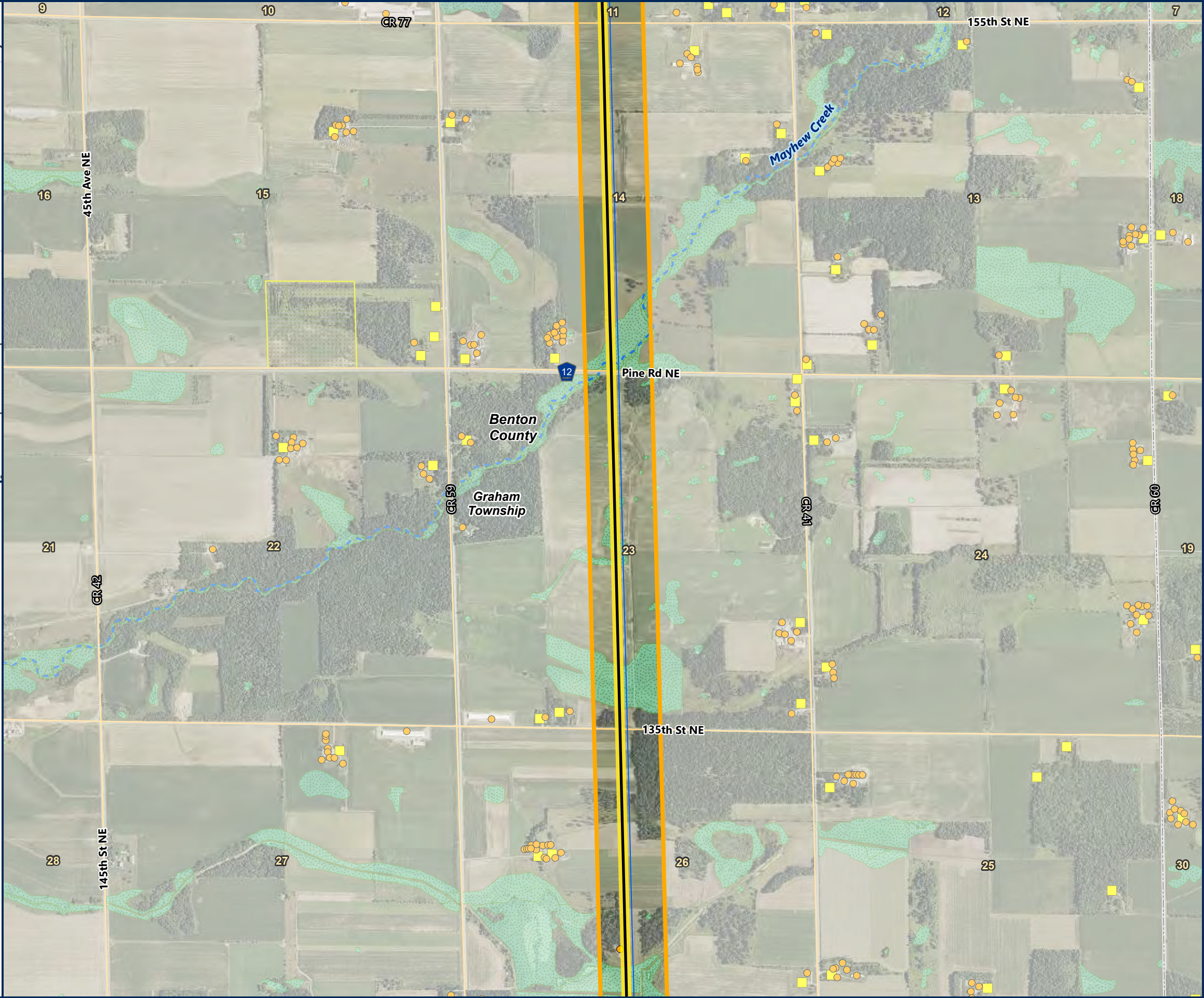


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# Northland Reliability Project





### Detailed Map Co-Location Maximization Route Page 45 of 64

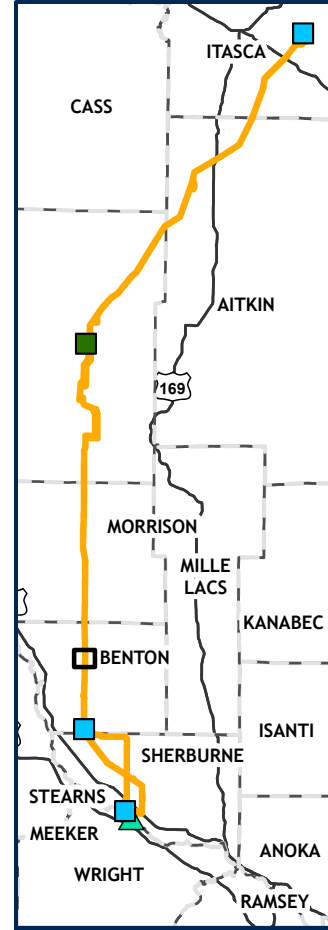
-  CO-LOCATION MAXIMIZATION ROUTE
-  CO-LOCATION MAXIMIZATION ROUTE CENTERLINE
-  APPLICATION RIGHT OF WAY
-  CO-LOCATION MAXIMIZATION ROUTE RIGHT OF WAY
-  REPLACE GRE-BS LINE
-  REPLACE MR LINE
-  REBUILD EXISTING 69KV
-  SHIFT MR MODIFIED, 230KV
-  DOUBLE-CIRCUIT 230/115KV (92 LINE/11 LINE)
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-  SHIFT 92 LINE, 230KV
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- EXISTING TRANSMISSION LINE**
-  230 KV
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-  BIG OAKS SUBSTATION AREA
-  RESIDENCE
-  NOT A RESIDENCE
-  PWI WATERCOURSE
-  PWI WATERBODY
-  NON-FORESTED WETLAND
-  FORESTED WETLAND
-  WILDLIFE MANAGEMENT AREA
-  STATE CONSERVATION EASEMENT
-  FEDERAL CONSERVATION EASEMENT
-  AQUATIC MANAGEMENT AREA
-  STATE FOREST
-  STATE PARK
-  OTHER DNR LAND
-  COUNTY BOUNDARY

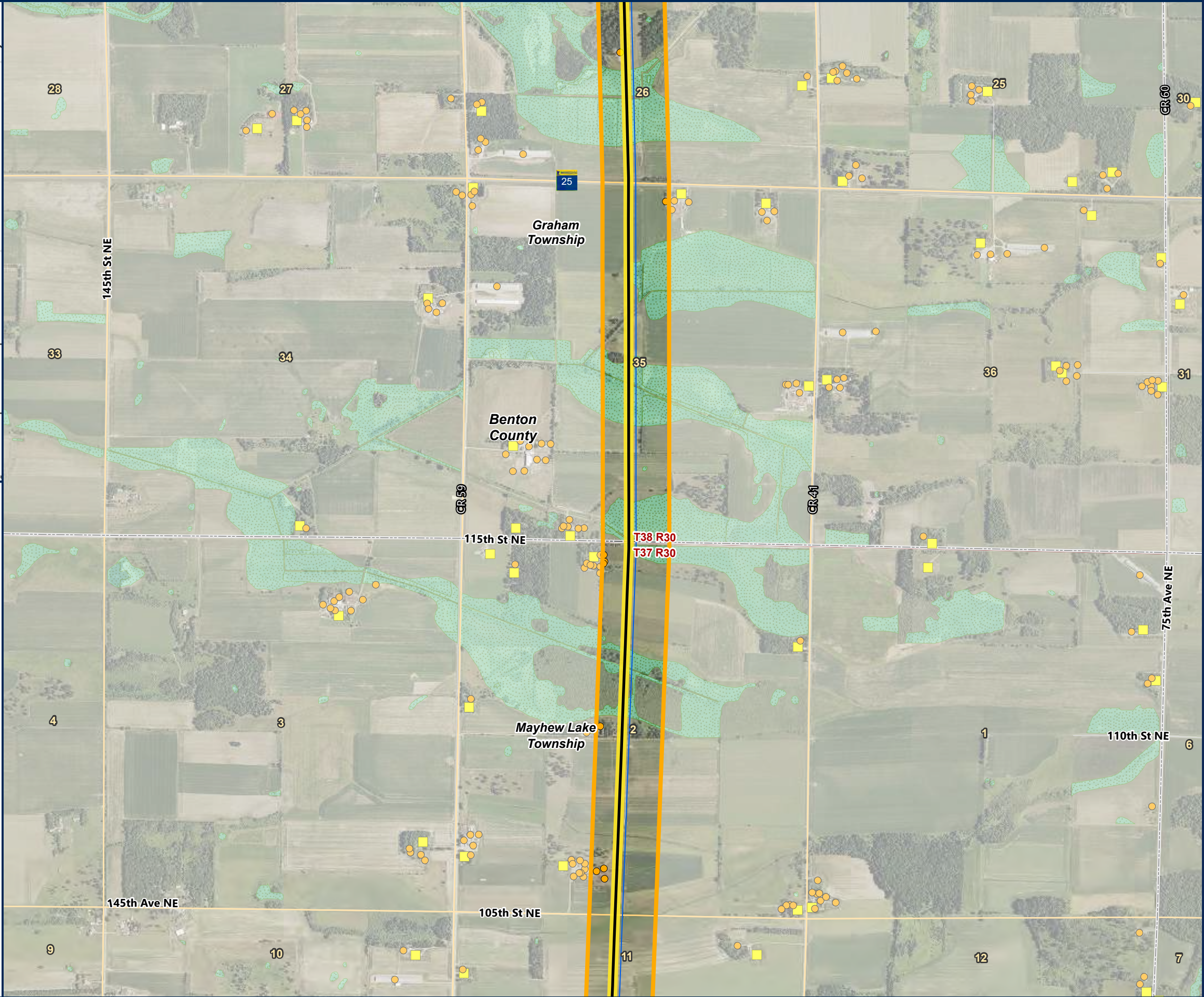


**Detailed Map  
 Co-Location Maximization  
 Route  
 Page 46 of 64**

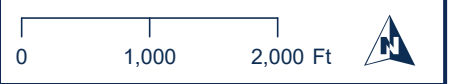
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**Northland Reliability Project**

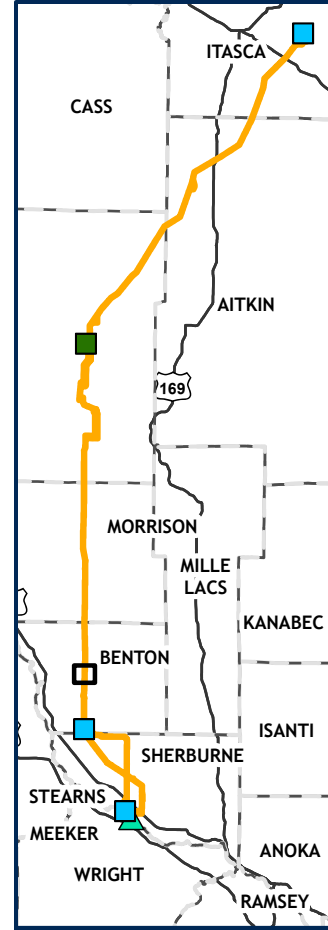


- CO-LOCATION MAXIMIZATION ROUTE
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- FEDERAL CONSERVATION EASEMENT
- AQUATIC MANAGEMENT AREA
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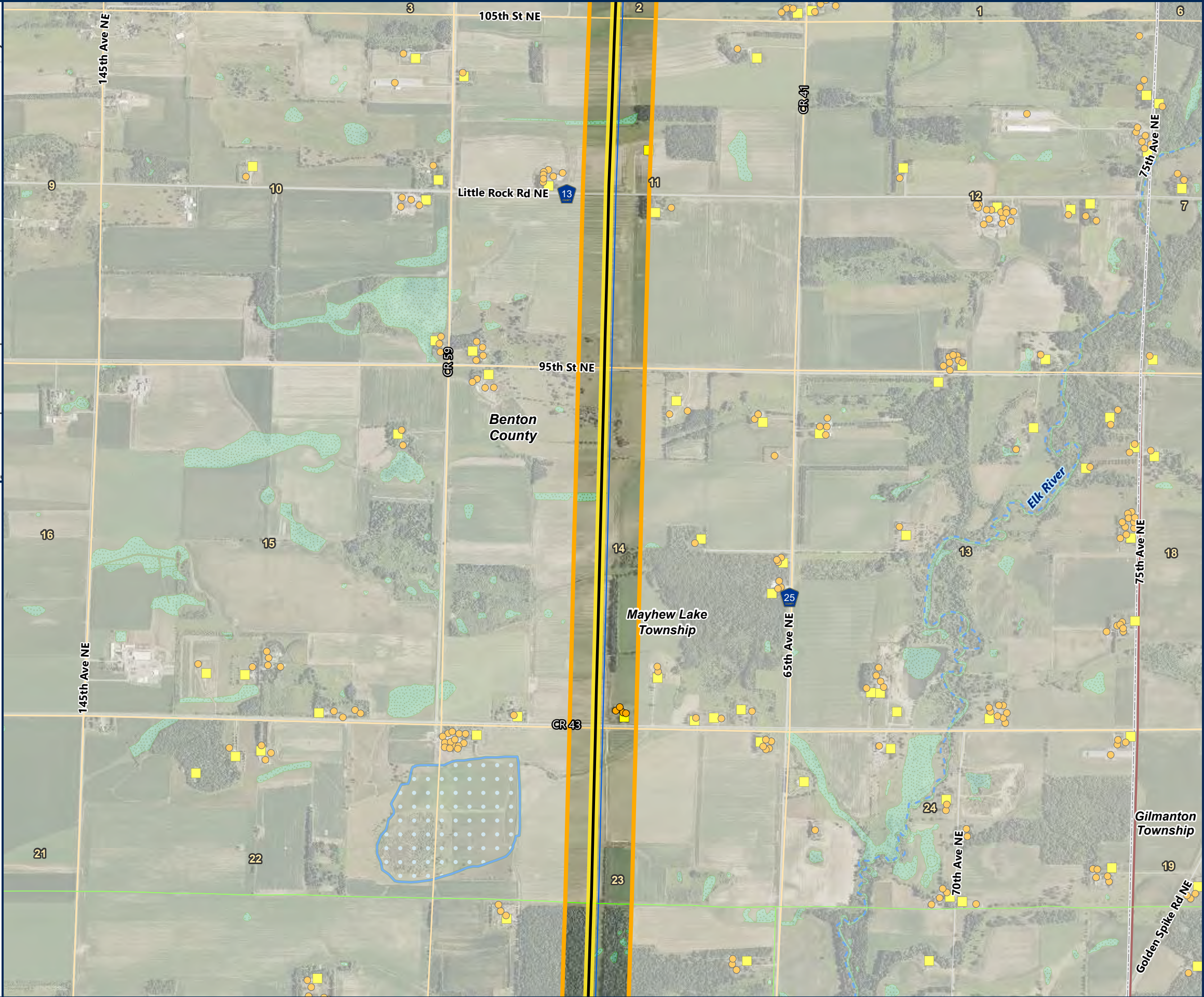


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# Northland Reliability Project





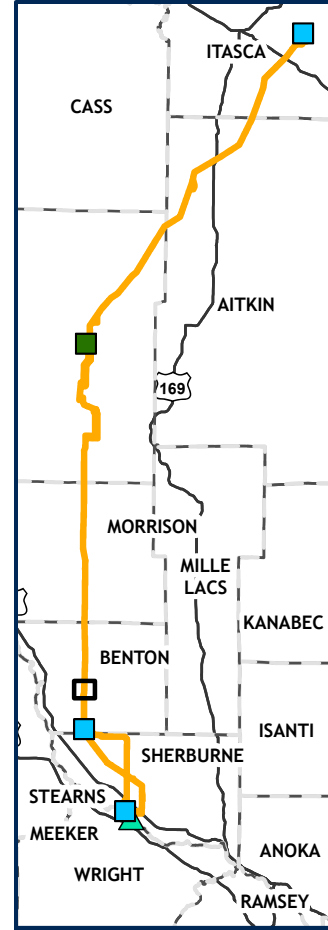
### Detailed Map Co-Location Maximization Route Page 47 of 64

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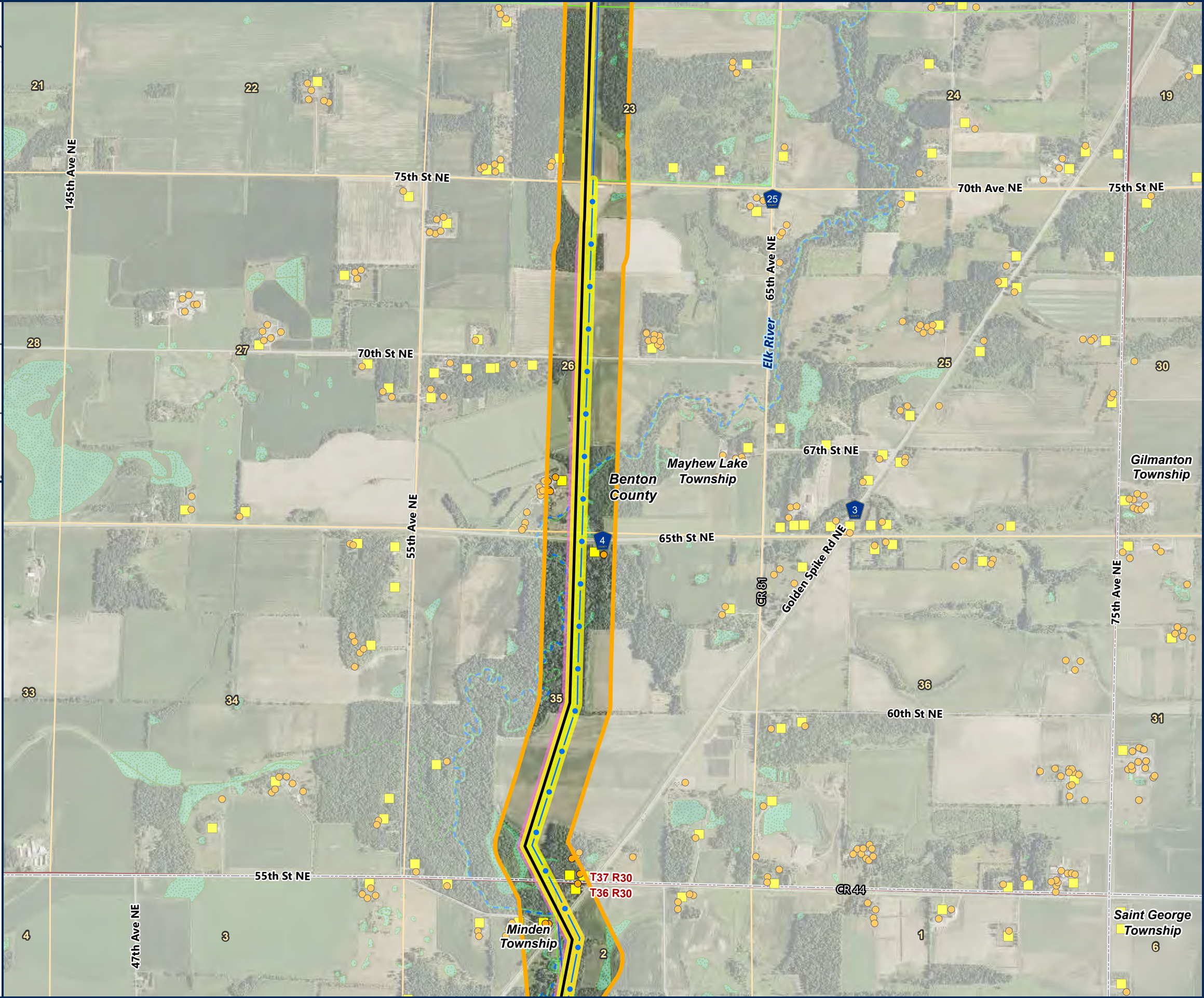





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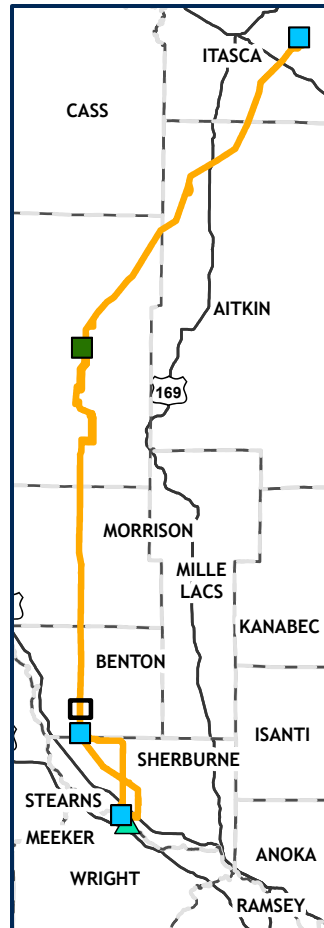
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- COUNTY BOUNDARY

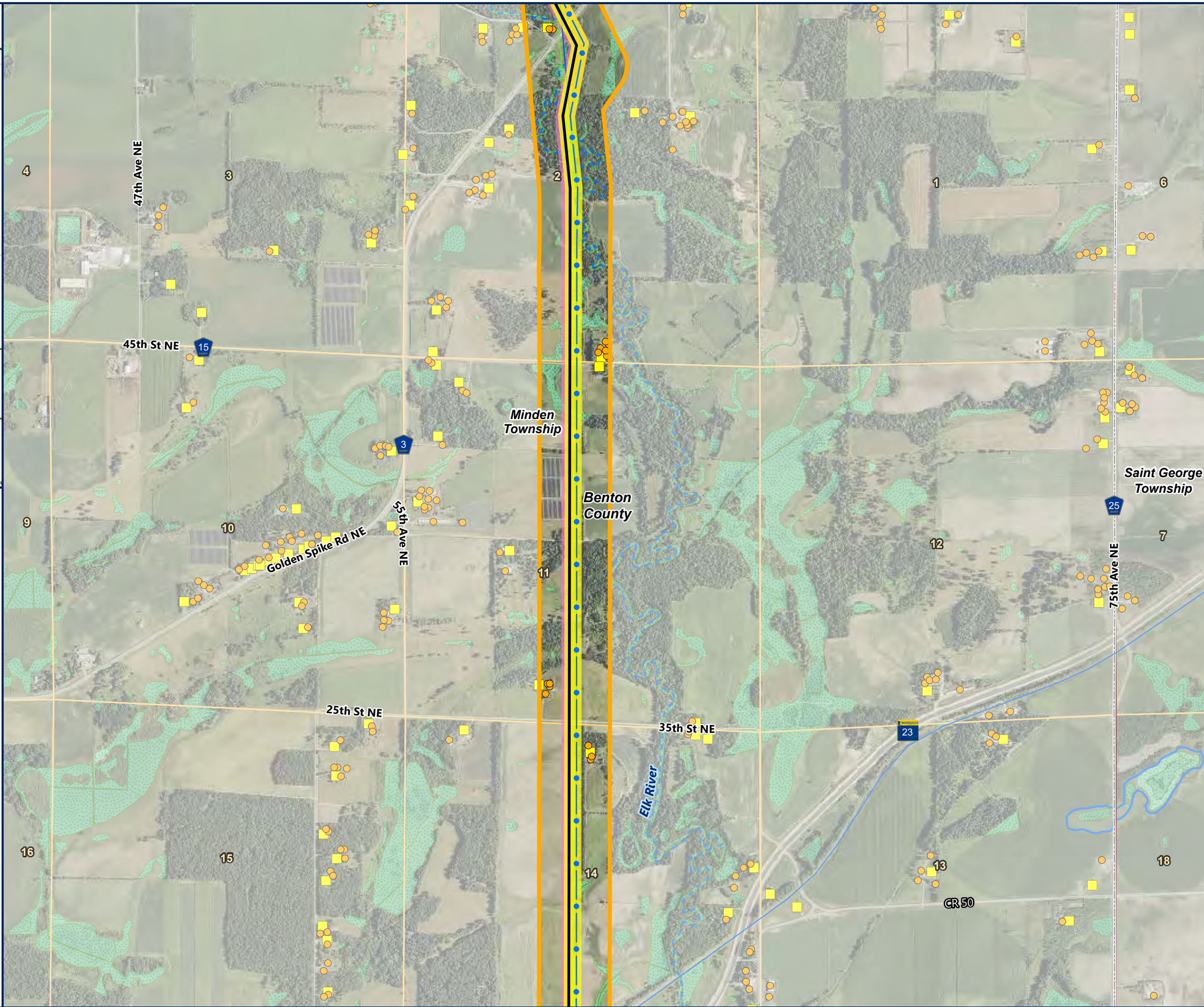
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# Northland Reliability Project



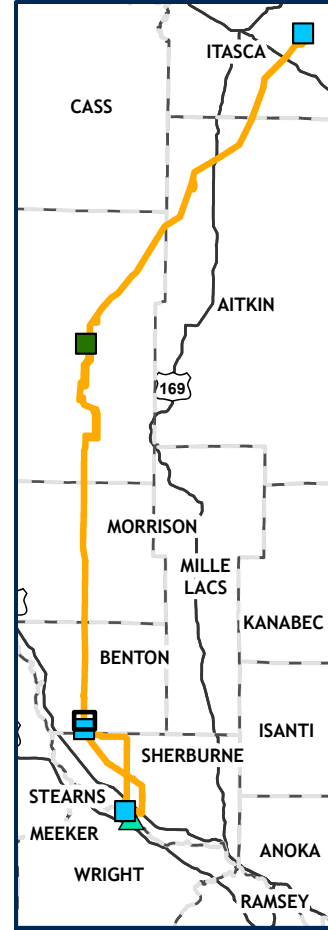
## Detailed Map Co-Location Maximization Route Page 49 of 64

- CO-LOCATION MAXIMIZATION ROUTE
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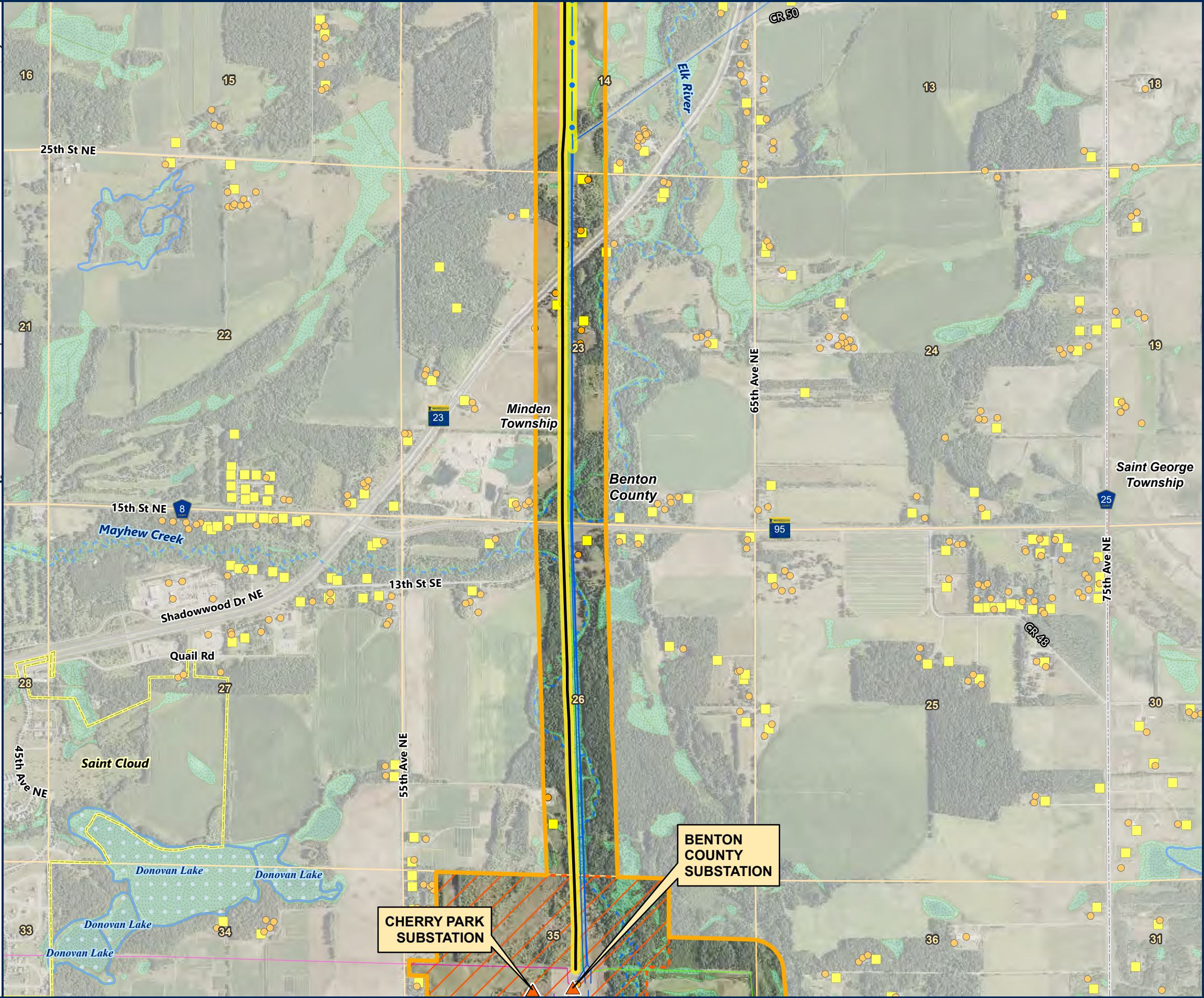




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# Northland Reliability Project



### Detailed Map Co-Location Maximization Route Page 50 of 64

- CO-LOCATION MAXIMIZATION ROUTE
- CO-LOCATION MAXIMIZATION ROUTE CENTERLINE
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  - 230 KV
  - 345 KV OR GREATER
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- BENTON COUNTY SUBSTATION
- CHERRY PARK SUBSTATION
- RESIDENCE
- NOT A RESIDENCE
- PWI WATERCOURSE
- PWI WATERBODY
- NON-FORESTED WETLAND
- FORESTED WETLAND
- WILDLIFE MANAGEMENT AREA
- STATE CONSERVATION EASEMENT
- FEDERAL CONSERVATION EASEMENT
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- MUNICIPAL BOUNDARY

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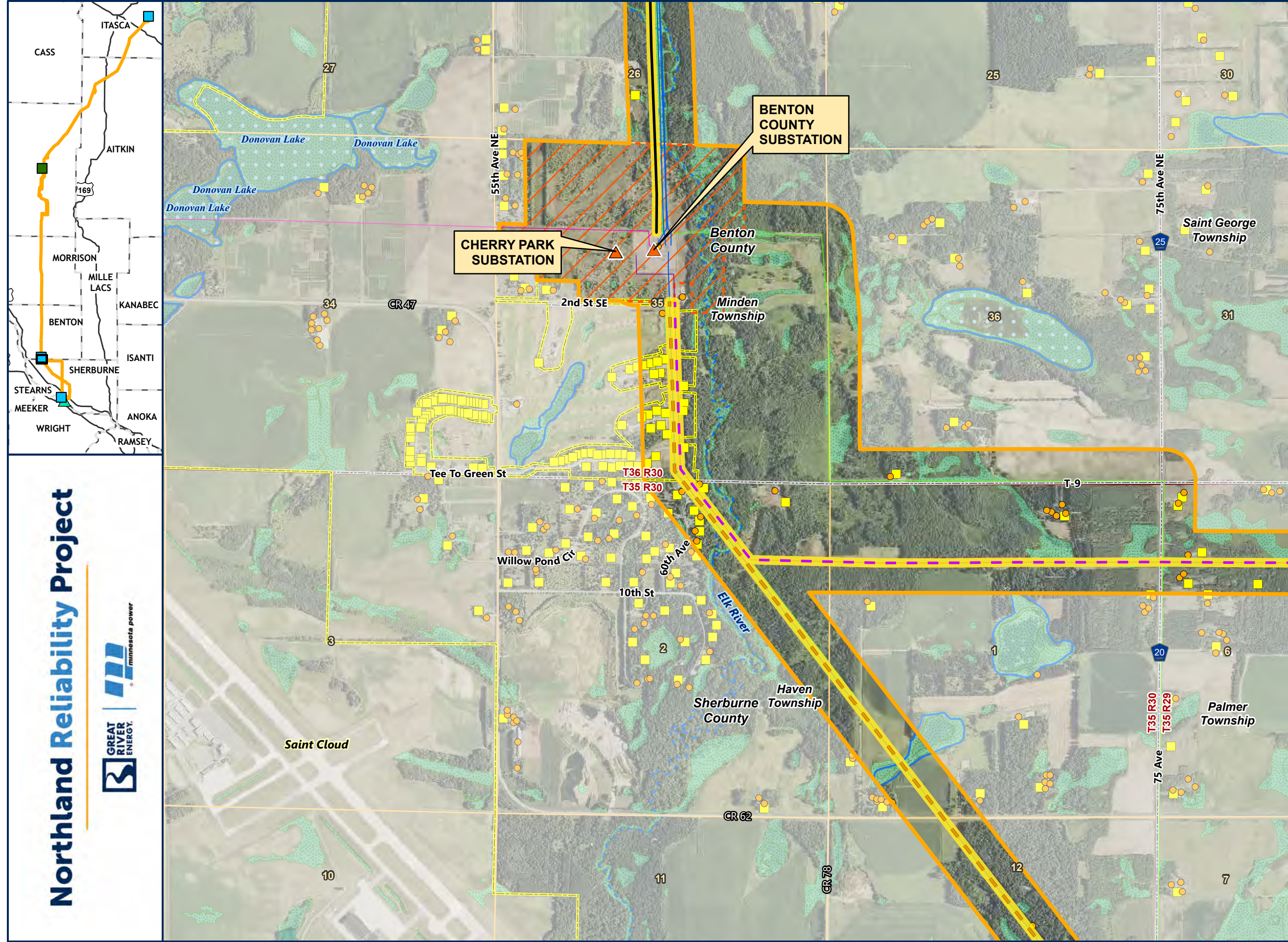
**CHERRY PARK SUBSTATION**

**BENTON COUNTY SUBSTATION**



**Detailed Map  
 Co-Location Maximization  
 Route  
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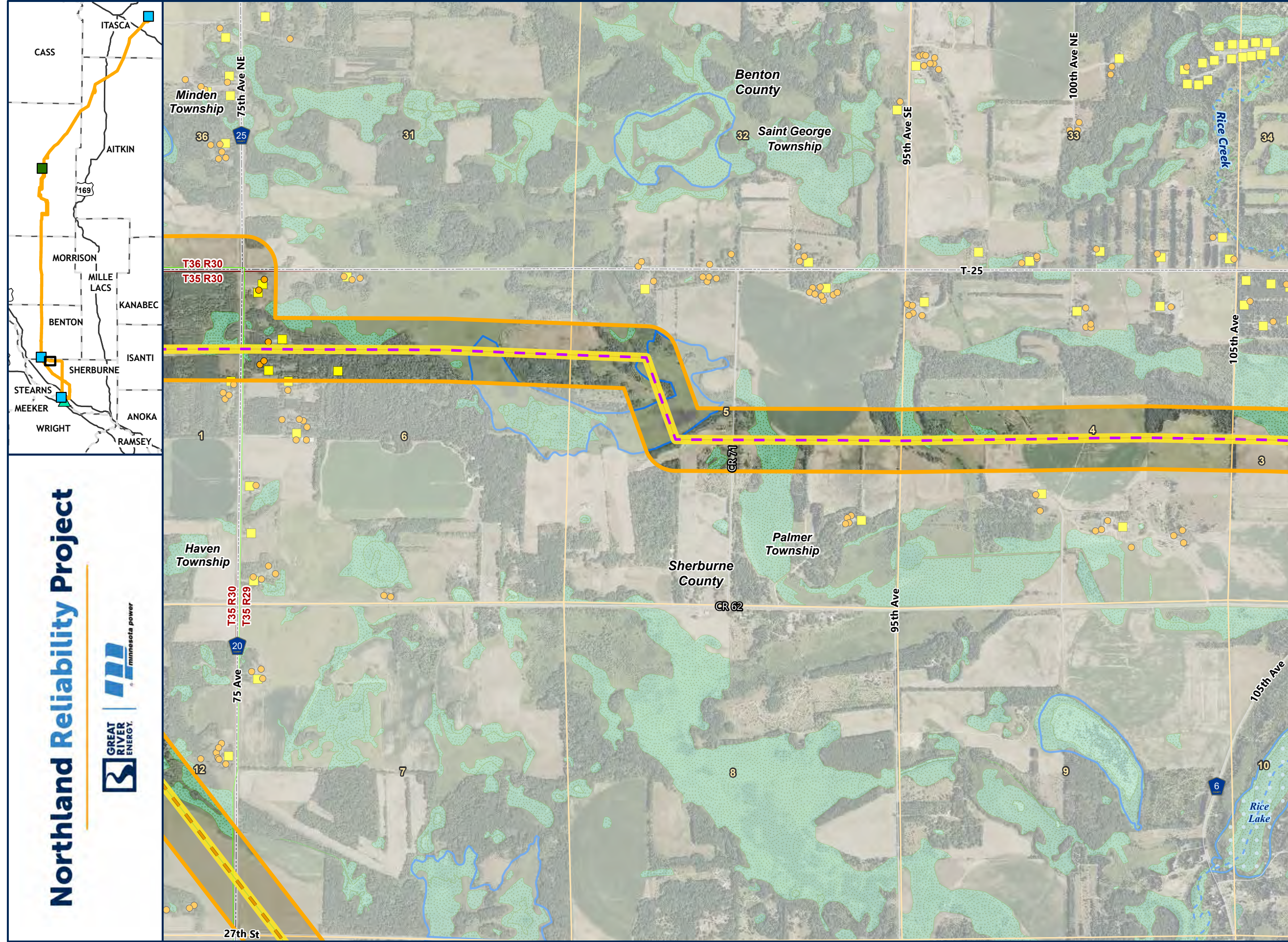
**Northland Reliability Project**





**Detailed Map**  
**Co-Location Maximization**  
**Route**  
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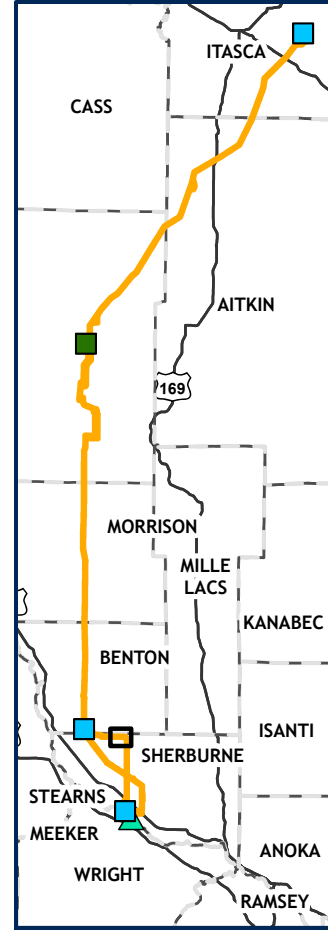


**Northland Reliability Project**



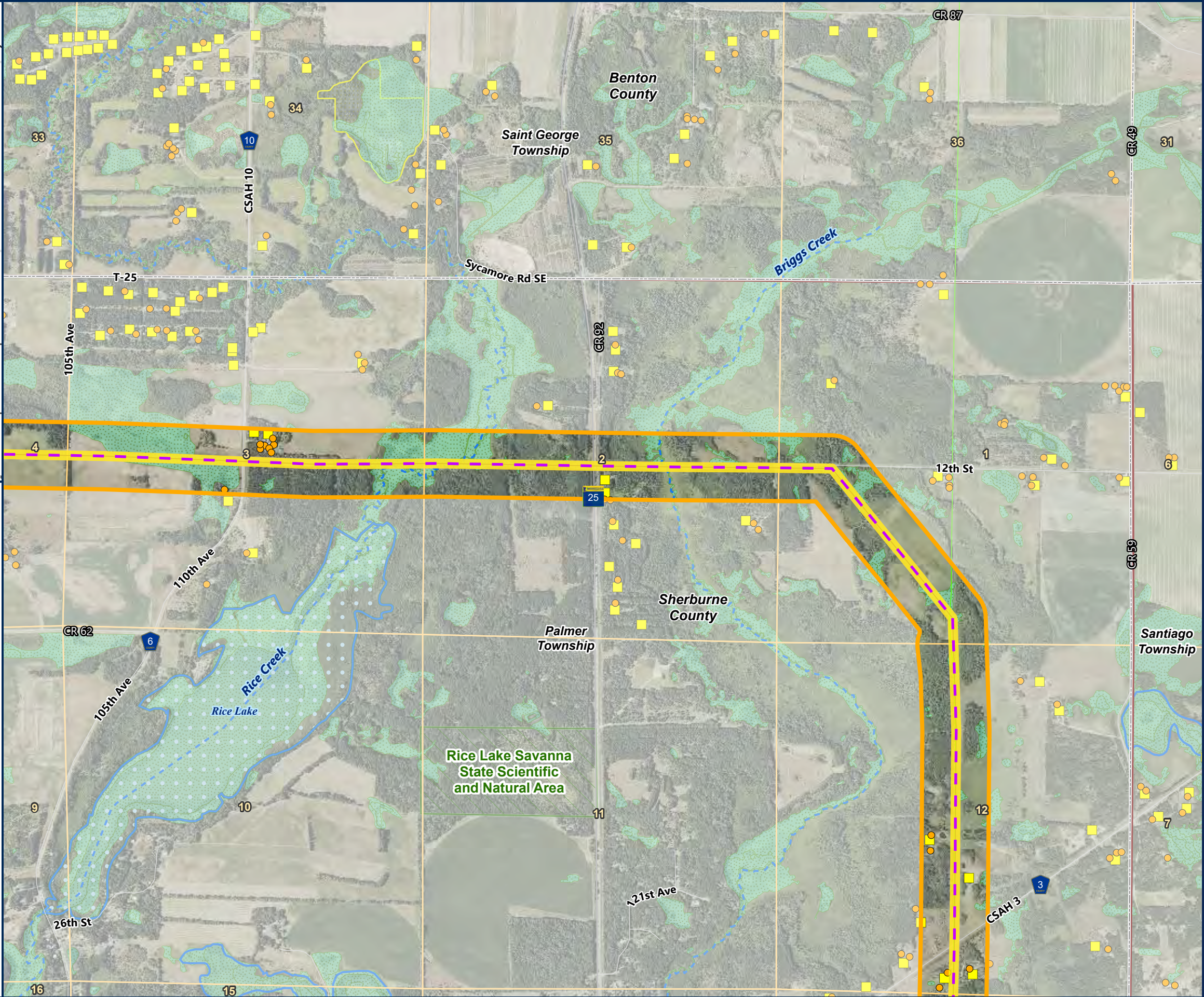


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# Northland Reliability Project





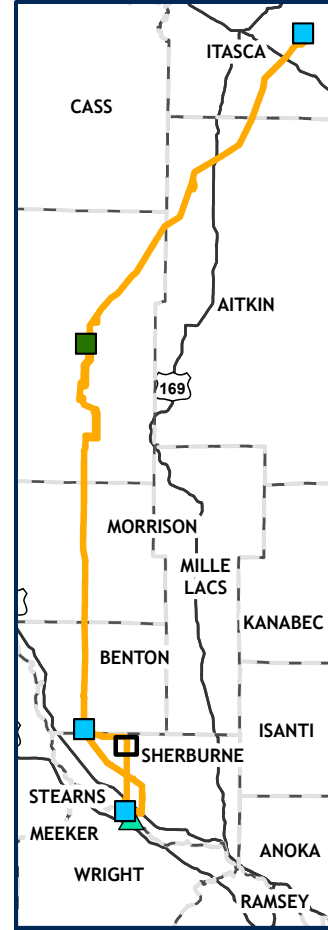
### Detailed Map Co-Location Maximization Route Page 53 of 64

- CO-LOCATION MAXIMIZATION ROUTE
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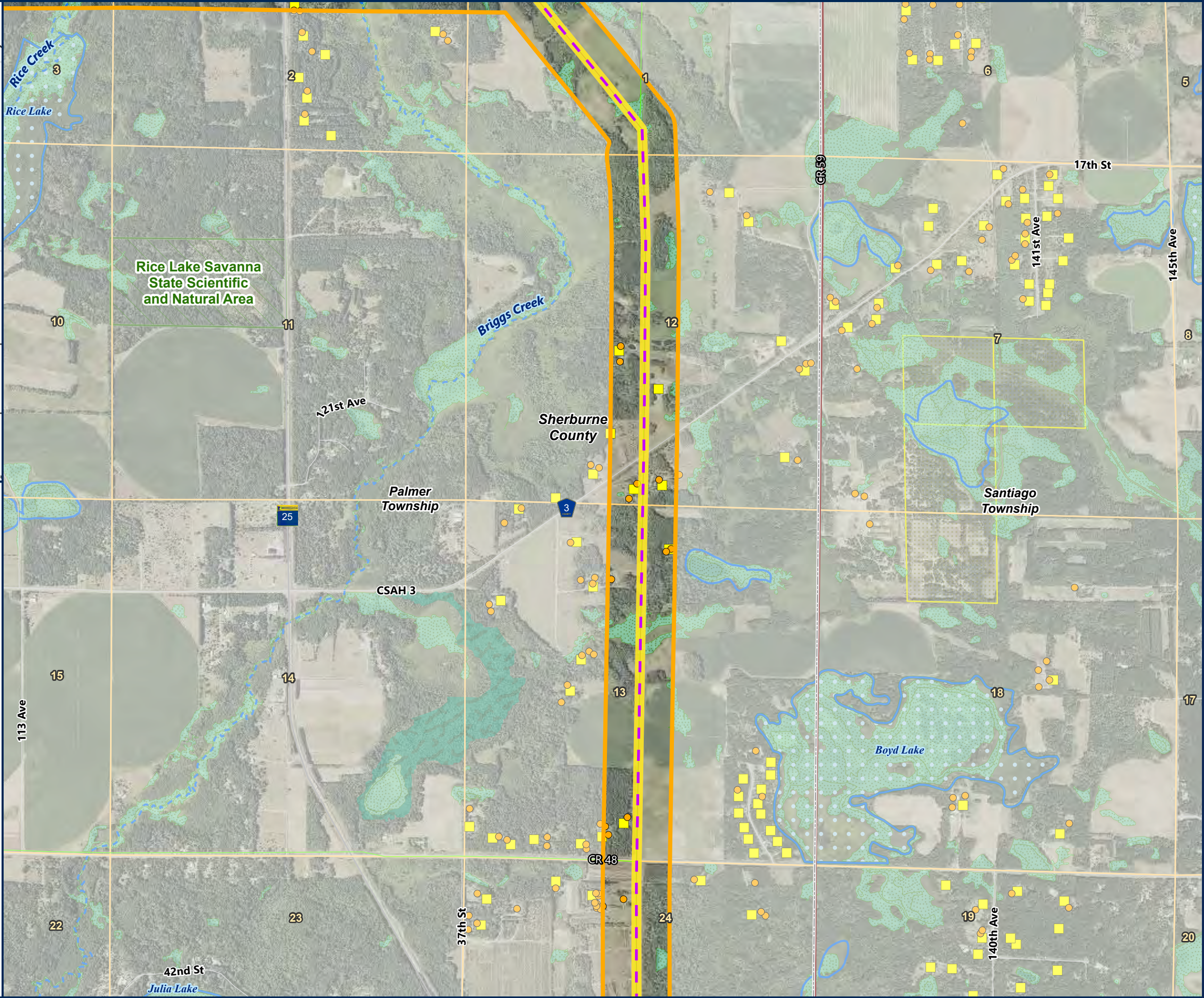





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# Northland Reliability Project

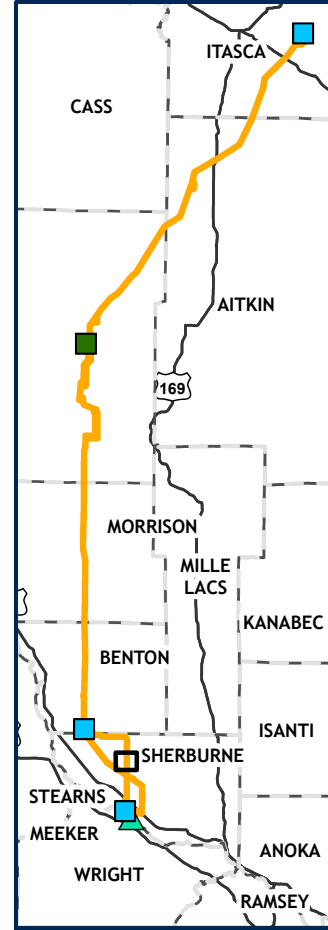


### Detailed Map Co-Location Maximization Route Page 54 of 64

- CO-LOCATION MAXIMIZATION ROUTE
- CO-LOCATION MAXIMIZATION ROUTE CENTERLINE
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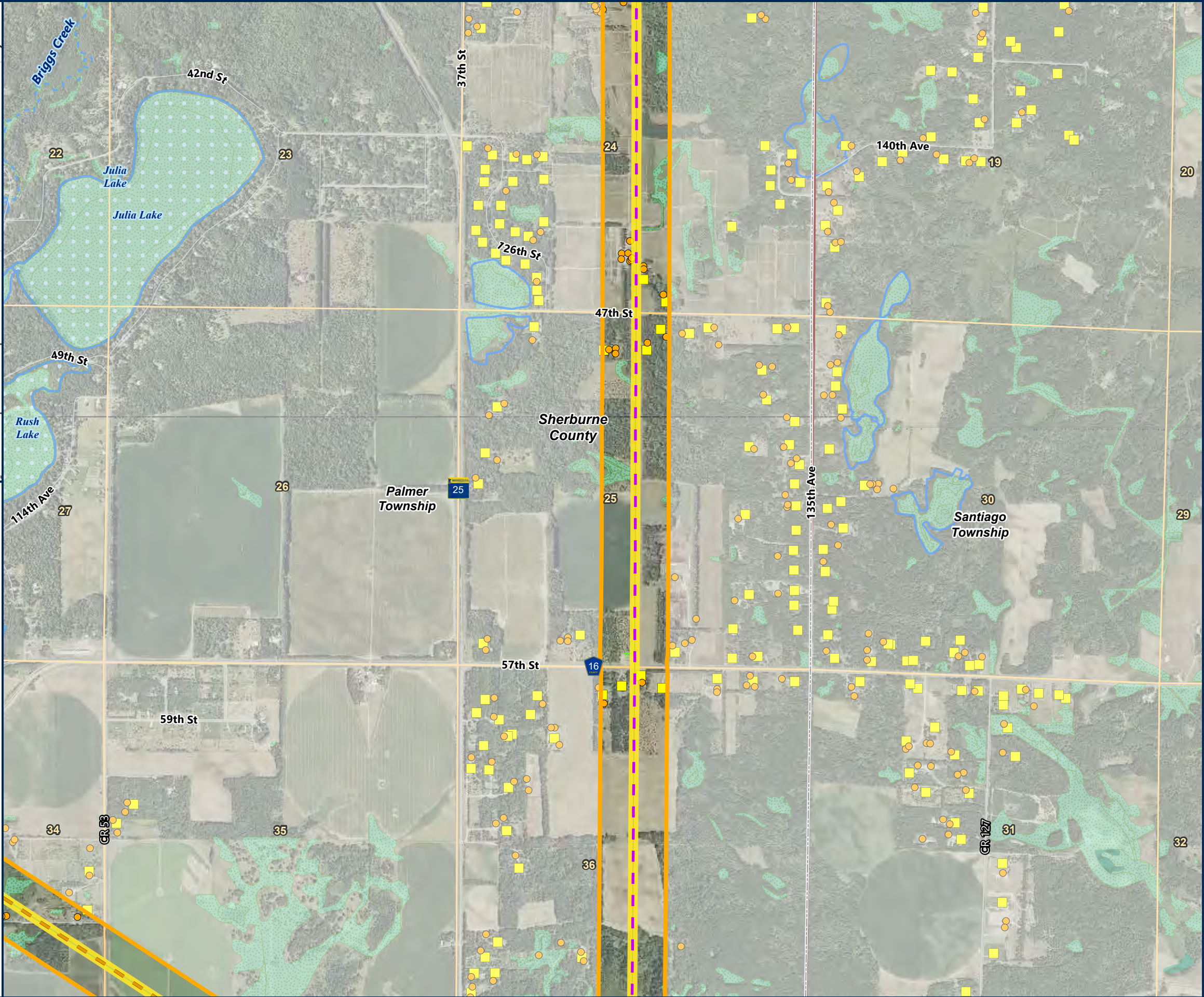


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# Northland Reliability Project


























### Detailed Map Co-Location Maximization Route Page 55 of 64

-  CO-LOCATION MAXIMIZATION ROUTE
-  CO-LOCATION MAXIMIZATION ROUTE CENTERLINE
-  APPLICATION RIGHT OF WAY
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EXISTING TRANSMISSION LINE

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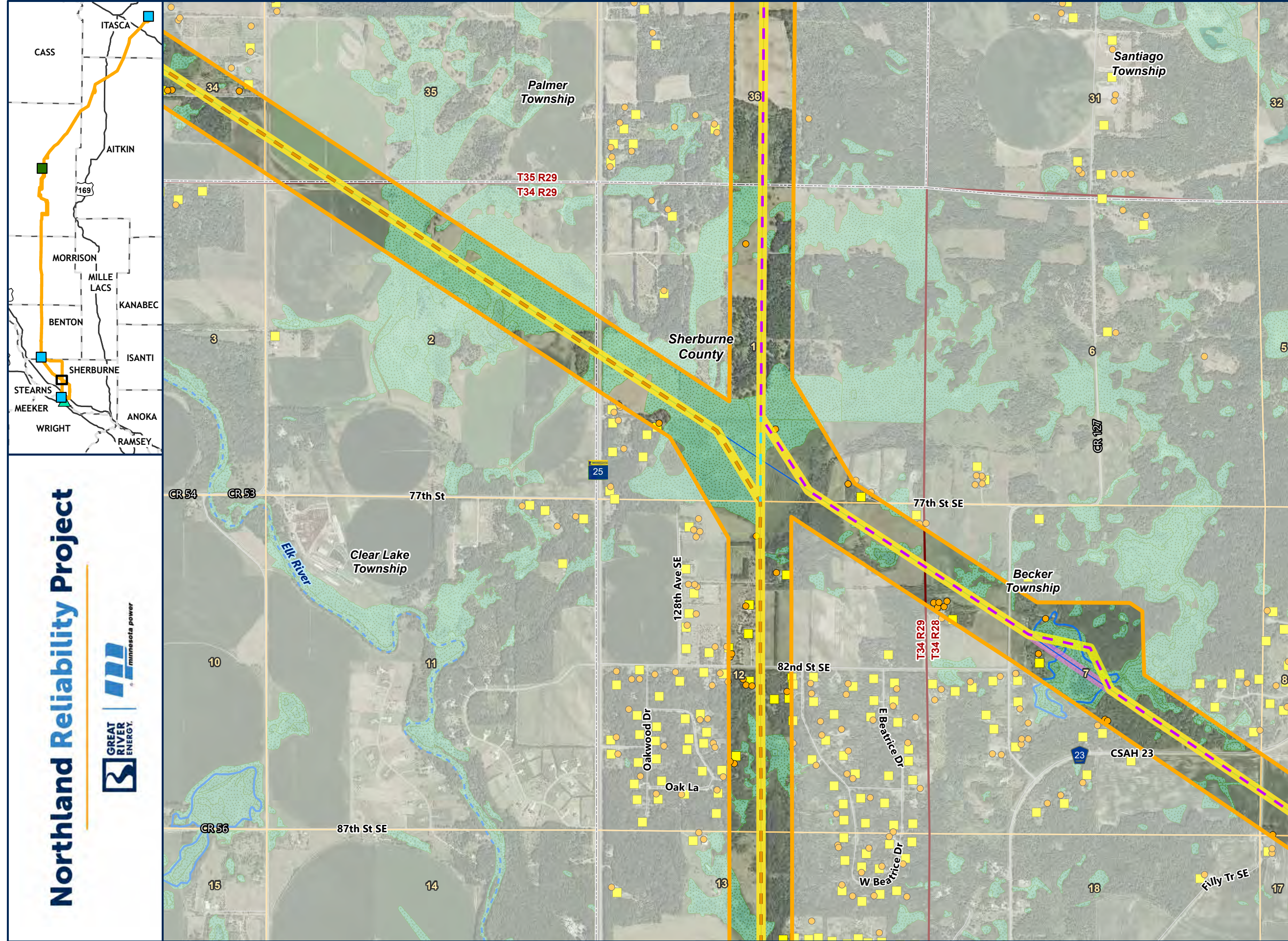
-  SUBSTATION SITING AREA
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-  RESIDENCE
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-  STATE FOREST
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**Detailed Map  
 Co-Location Maximization  
 Route  
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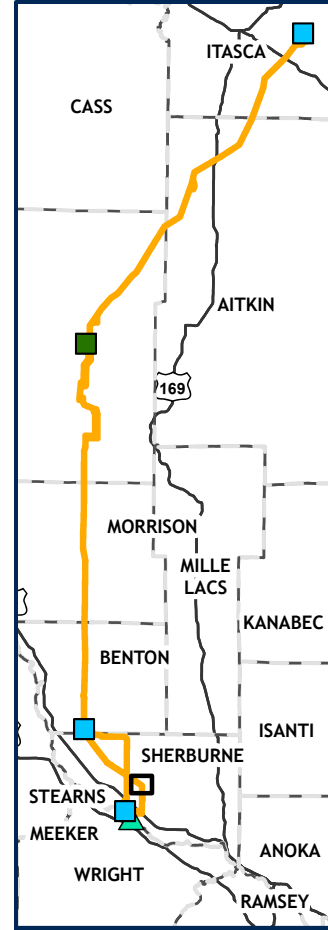
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**Northland Reliability Project**

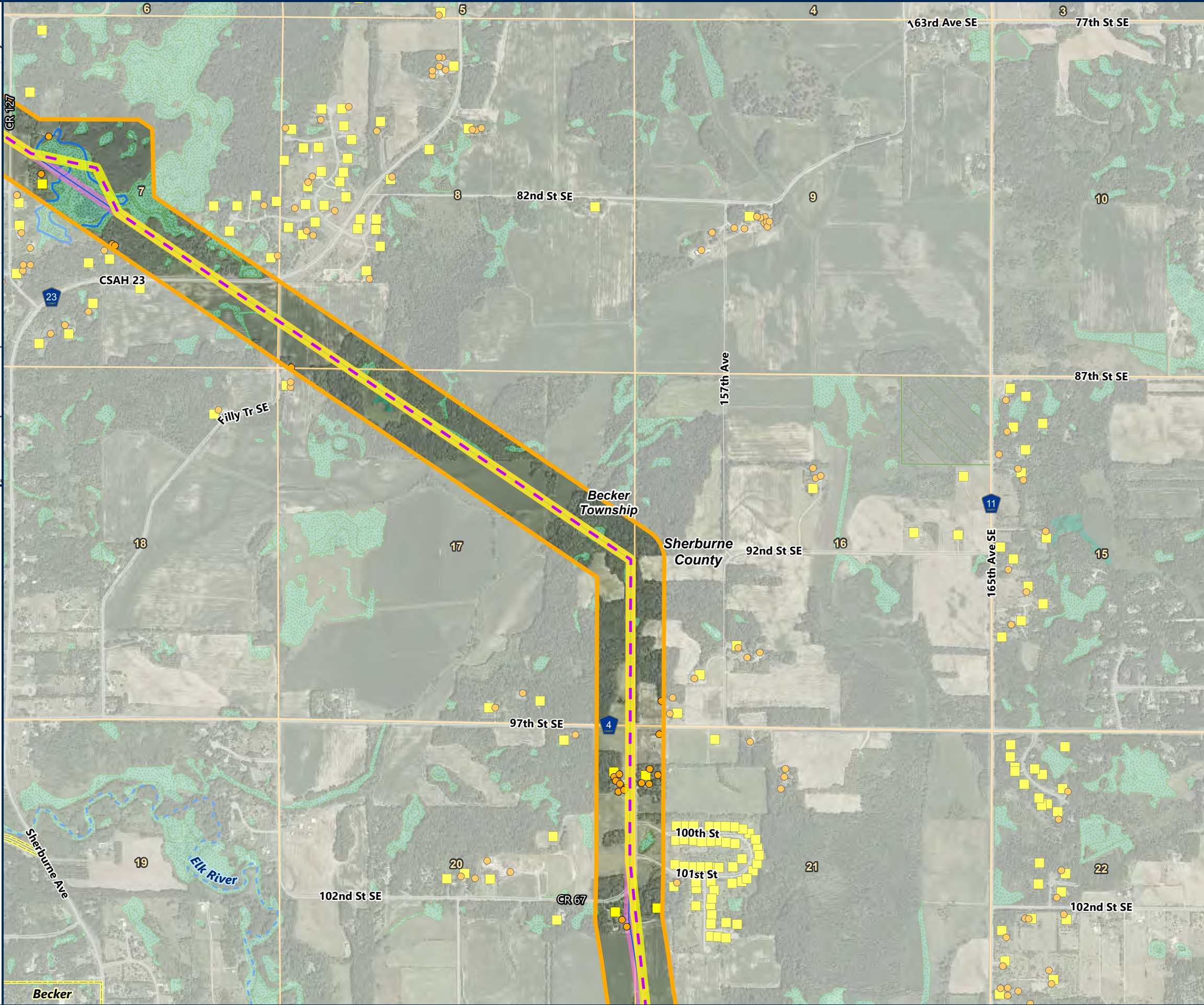




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# Northland Reliability Project



## Detailed Map Co-Location Maximization Route Page 57 of 64

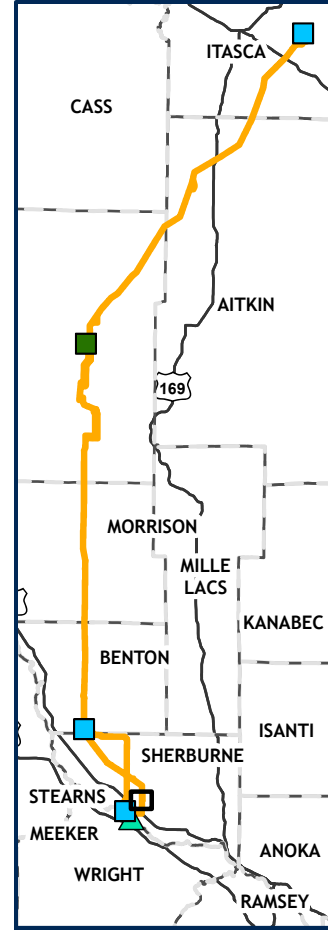
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- COUNTY BOUNDARY
- MUNICIPAL BOUNDARY



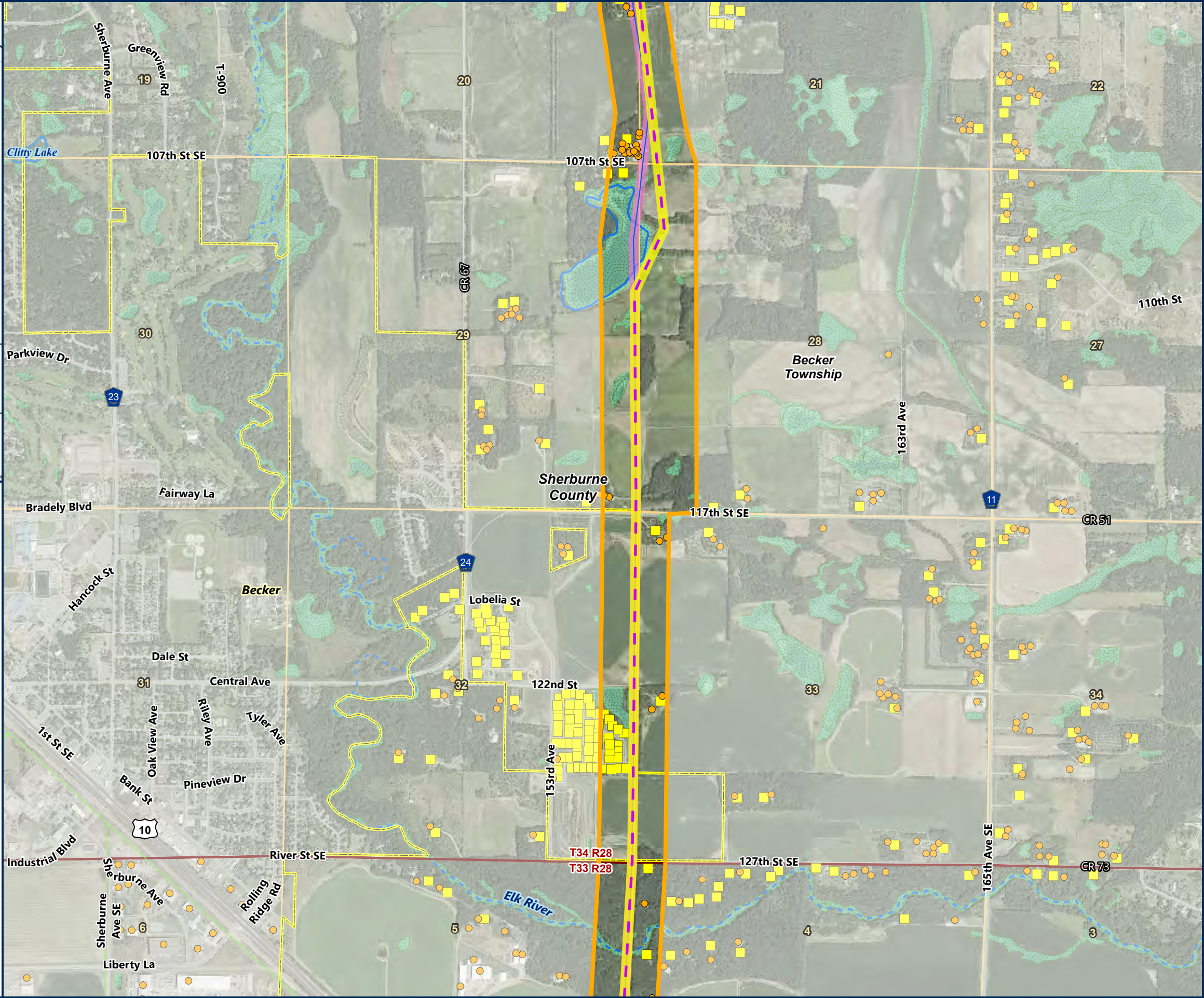


**Detailed Map  
 Co-Location Maximization  
 Route  
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**Northland Reliability Project**



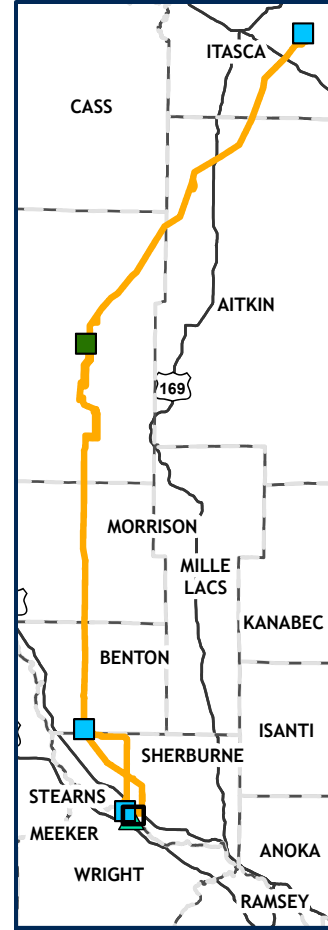
- CO-LOCATION MAXIMIZATION ROUTE
- CO-LOCATION MAXIMIZATION ROUTE CENTERLINE
- APPLICATION RIGHT OF WAY
- CO-LOCATION MAXIMIZATION ROUTE RIGHT OF WAY
- REPLACE GRE-BS LINE
- REPLACE MR LINE
- REBUILD EXISTING 69KV
- SHIFT MR MODIFIED, 230KV
- DOUBLE-CIRCUIT 230/115KV (92 LINE/11 LINE)
- SHIFT DOUBLE-CIRCUIT 230/69KV (MR LINE/BP LINE)
- SHIFT 11 LINE, 115KV
- SHIFT 92 LINE, 230KV
- REBUILD EXISTING TRANSMISSION FOR AA3 AND E1
- EXISTING TRANSMISSION LINE
- 69 KV
- 230 KV
- SUBSTATION SITING AREA
- BIG OAKS SUBSTATION AREA
- RESIDENCE
- NOT A RESIDENCE
- PWI WATERCOURSE
- PWI WATERBODY
- NON-FORRESTED WETLAND
- FORESTED WETLAND
- WILDLIFE MANAGEMENT AREA
- STATE CONSERVATION EASEMENT
- FEDERAL CONSERVATION EASEMENT
- AQUATIC MANAGEMENT AREA
- STATE FOREST
- STATE PARK
- OTHER DNR LAND
- COUNTY BOUNDARY
- MUNICIPAL BOUNDARY



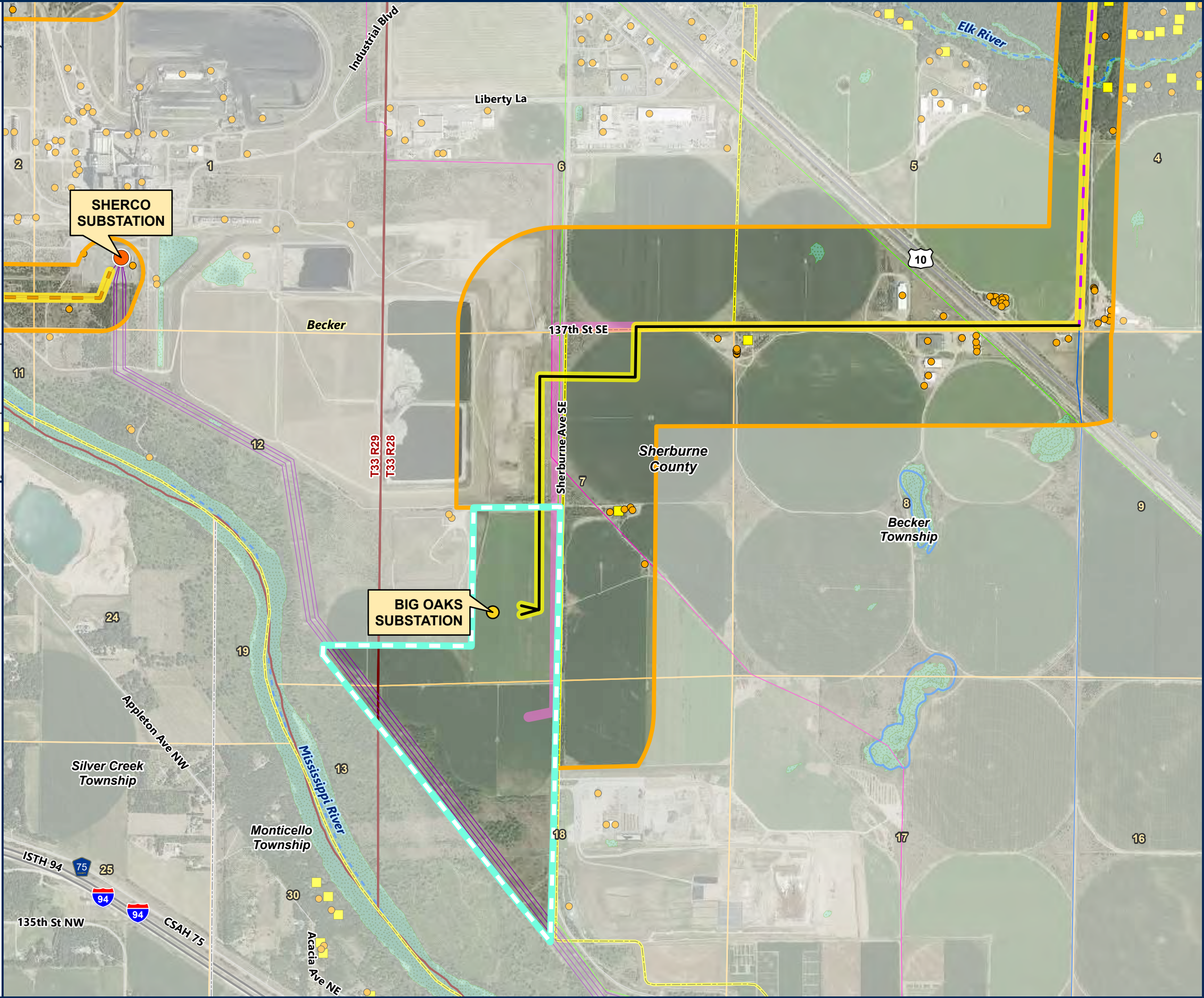


**Detailed Map**  
**Co-Location Maximization**  
**Route**  
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**Northland Reliability Project**

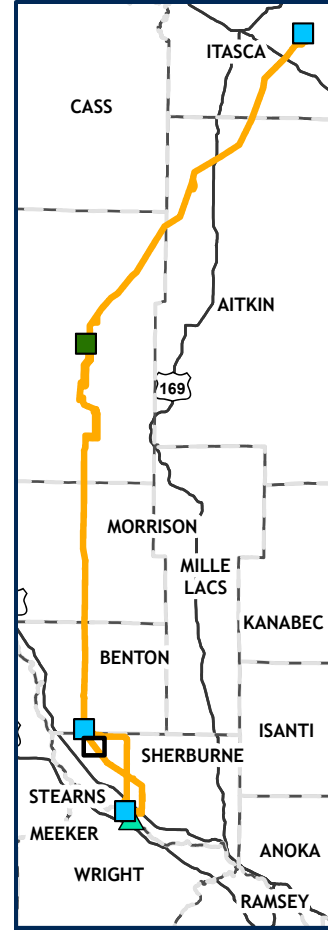


- CO-LOCATION MAXIMIZATION ROUTE
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- EXISTING TRANSMISSION LINE**
- 69 KV
- 115 KV
- 230 KV
- 345 KV OR GREATER
- SUBSTATION SITING AREA
- BIG OAKS SUBSTATION AREA
- SHERCO SUBSTATION
- BIG OAKS SUBSTATION
- RESIDENCE
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- STATE FOREST
- STATE PARK
- OTHER DNR LAND
- COUNTY BOUNDARY
- MUNICIPAL BOUNDARY

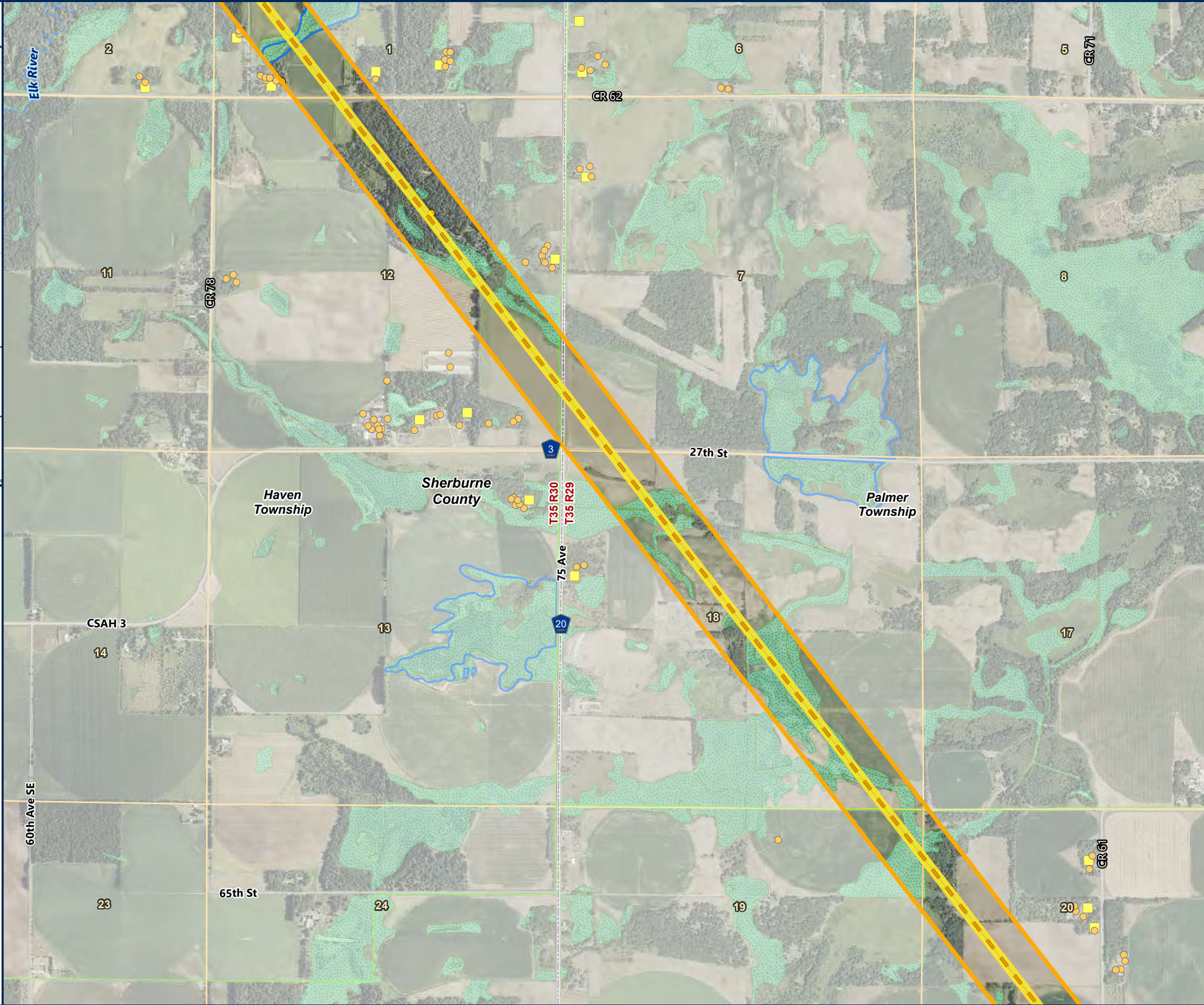
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# Northland Reliability Project



### Detailed Map Co-Location Maximization Route Page 60 of 64

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EXISTING TRANSMISSION LINE

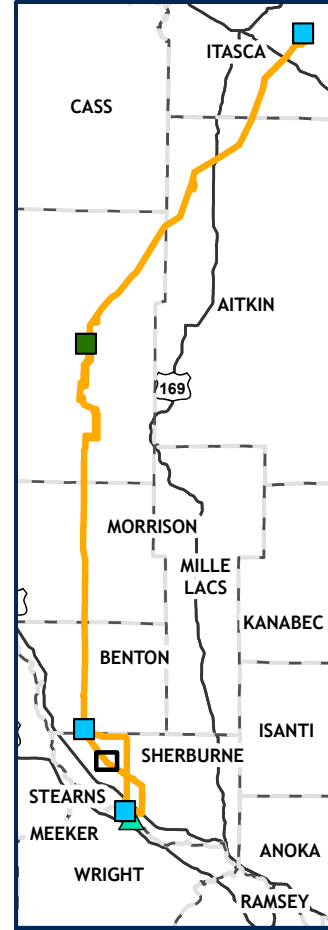
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- SUBSTATION SITING AREA
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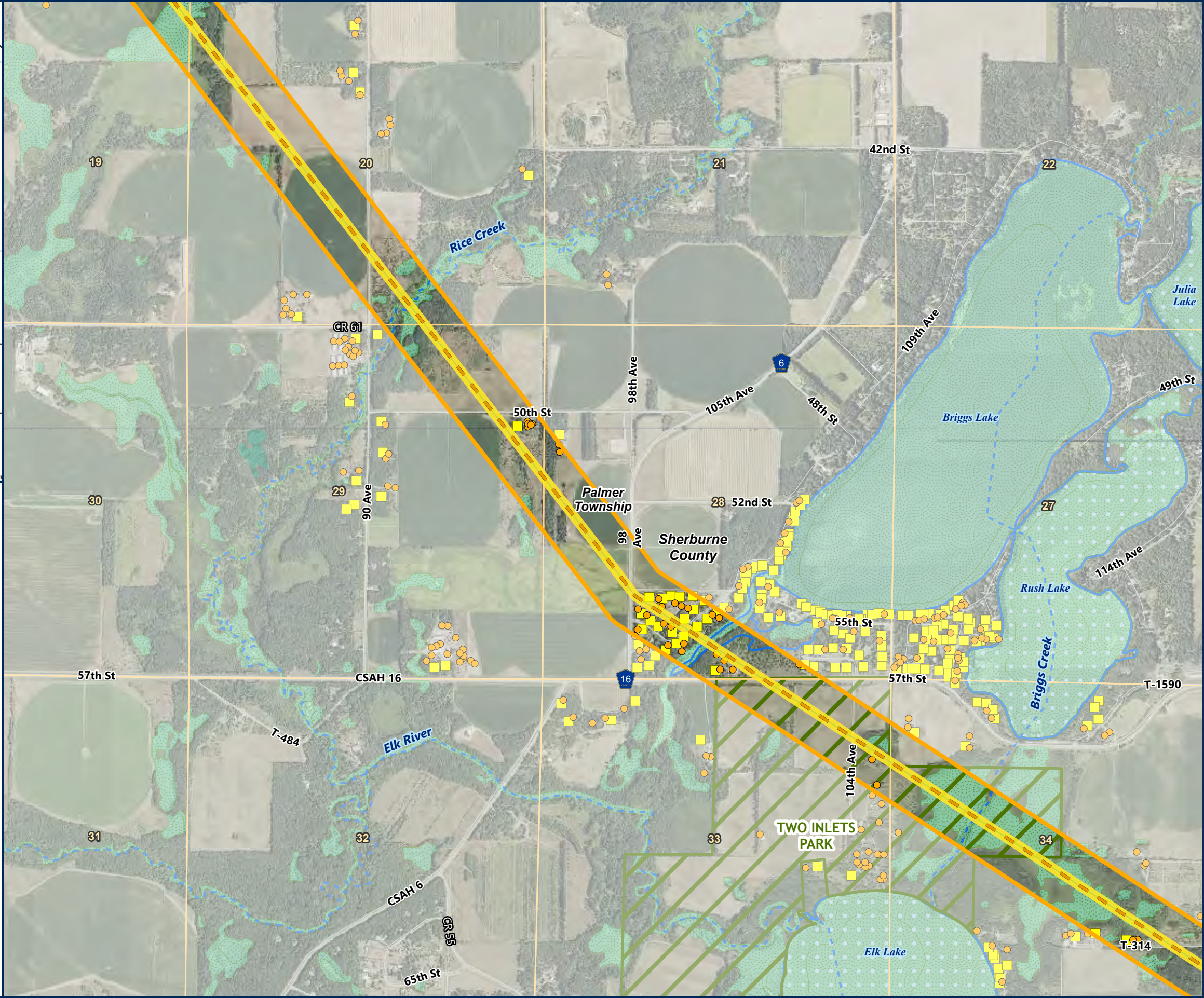


**Detailed Map  
 Co-Location Maximization  
 Route  
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**Northland Reliability Project**

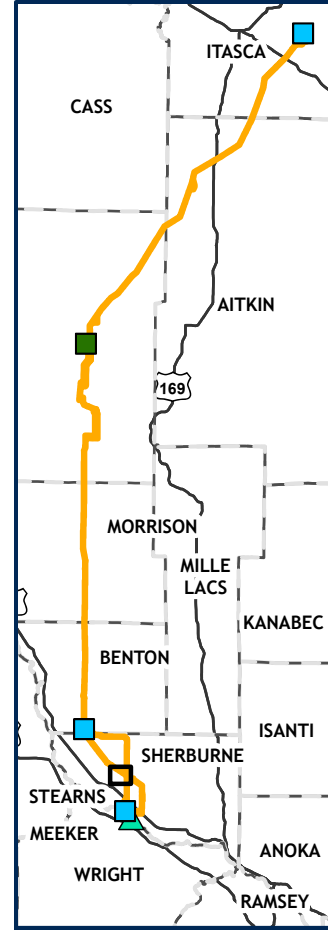


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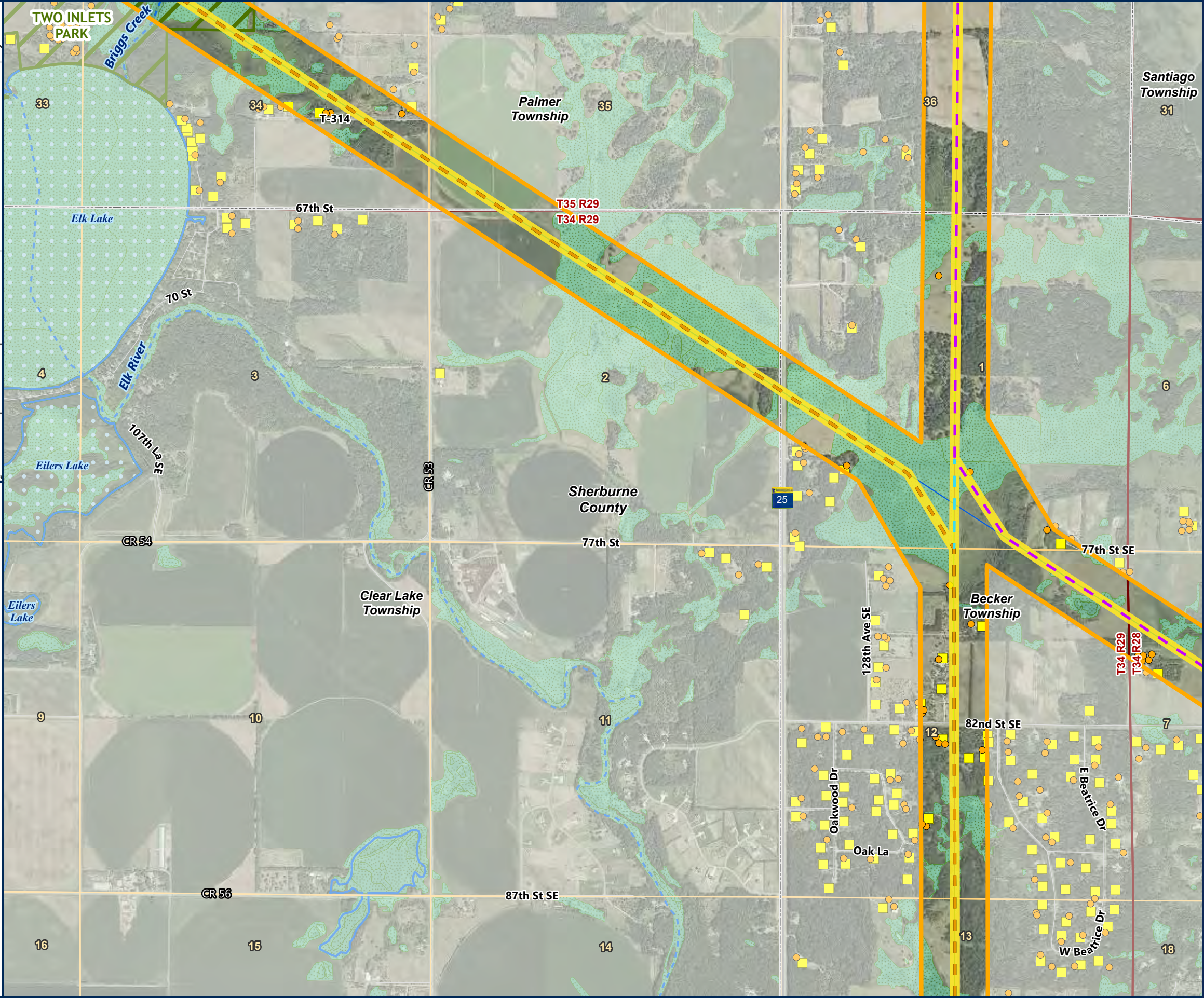




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# Northland Reliability Project



### Detailed Map Co-Location Maximization Route Page 62 of 64

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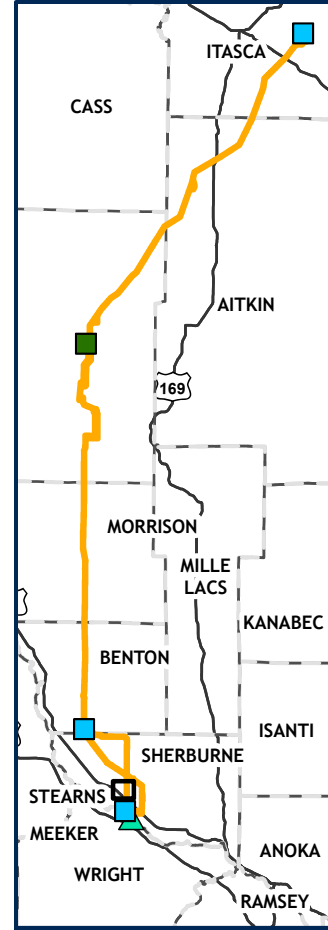
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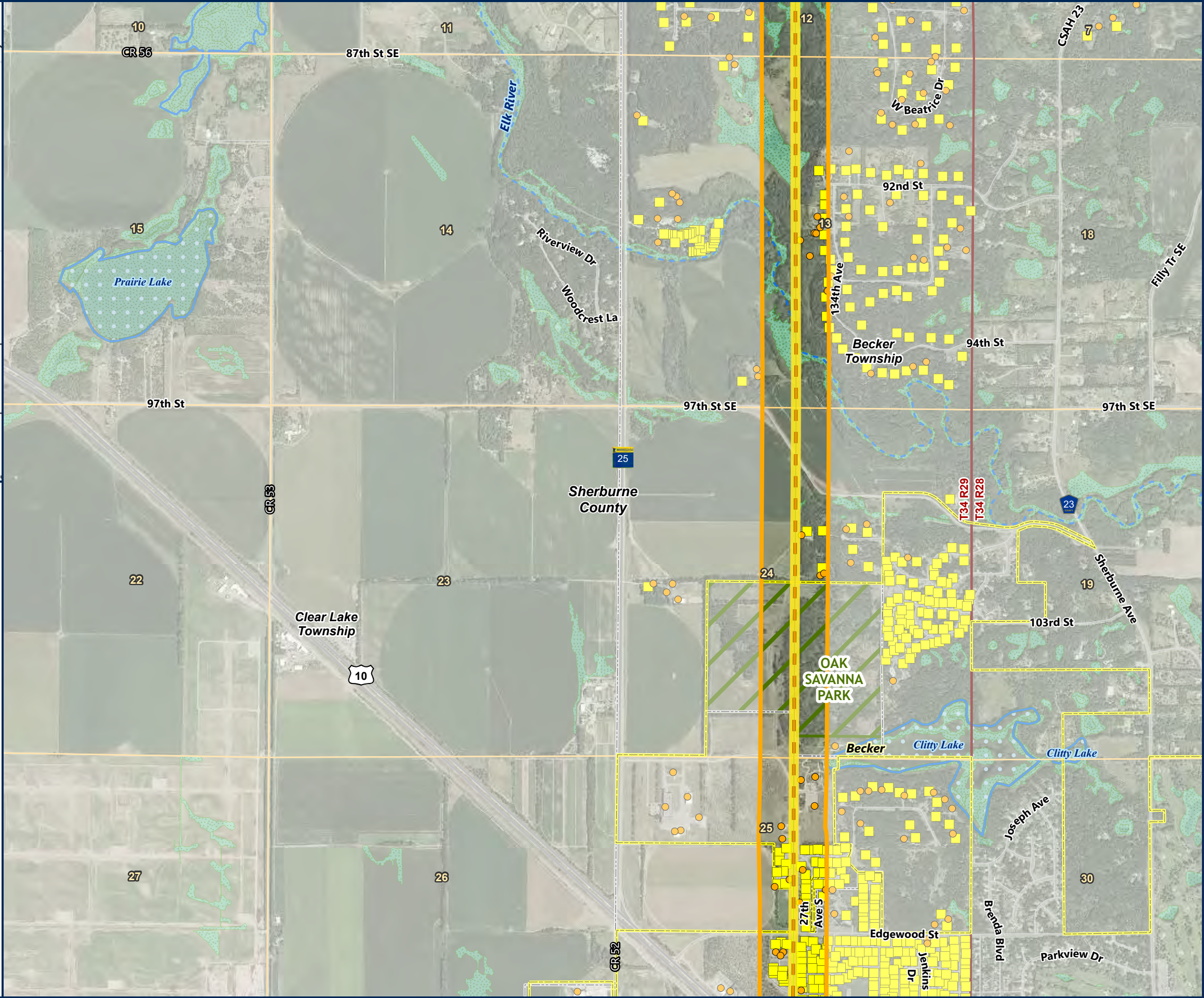


**Detailed Map  
 Co-Location Maximization  
 Route  
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**Northland Reliability Project**

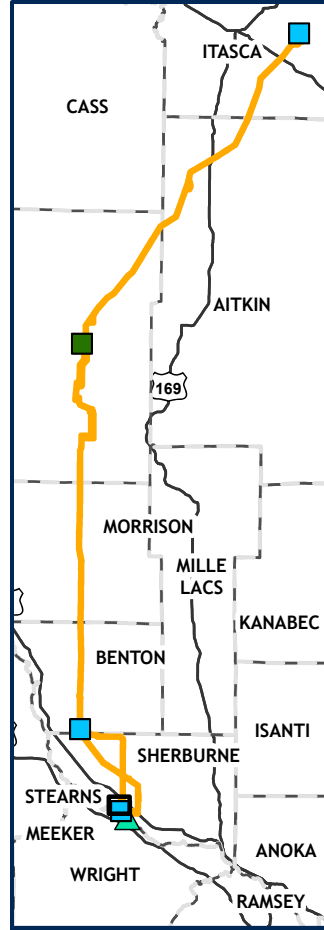


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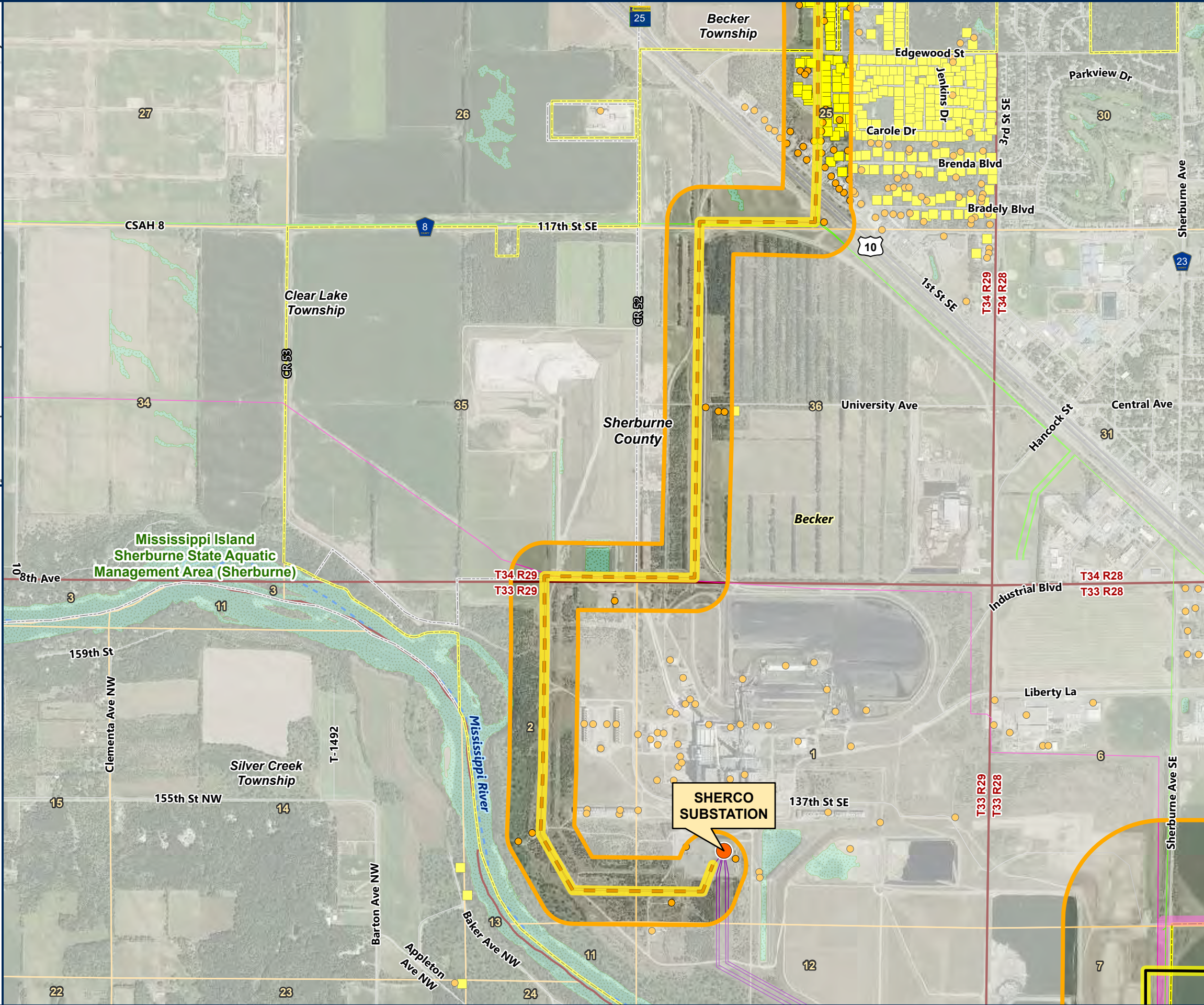




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# Northland Reliability Project



### Detailed Map Co-Location Maximization Route Page 64 of 64

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