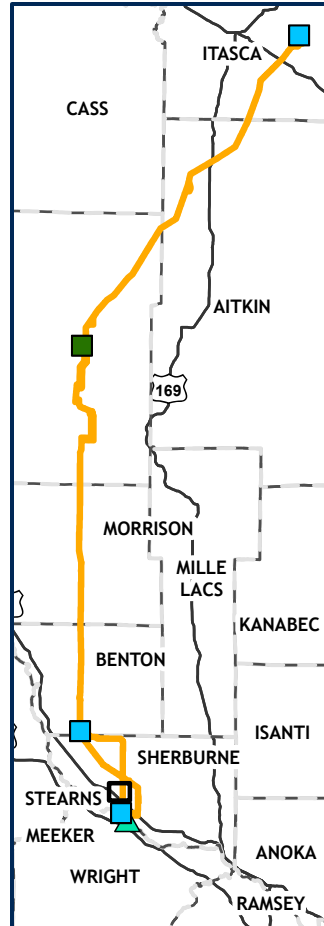
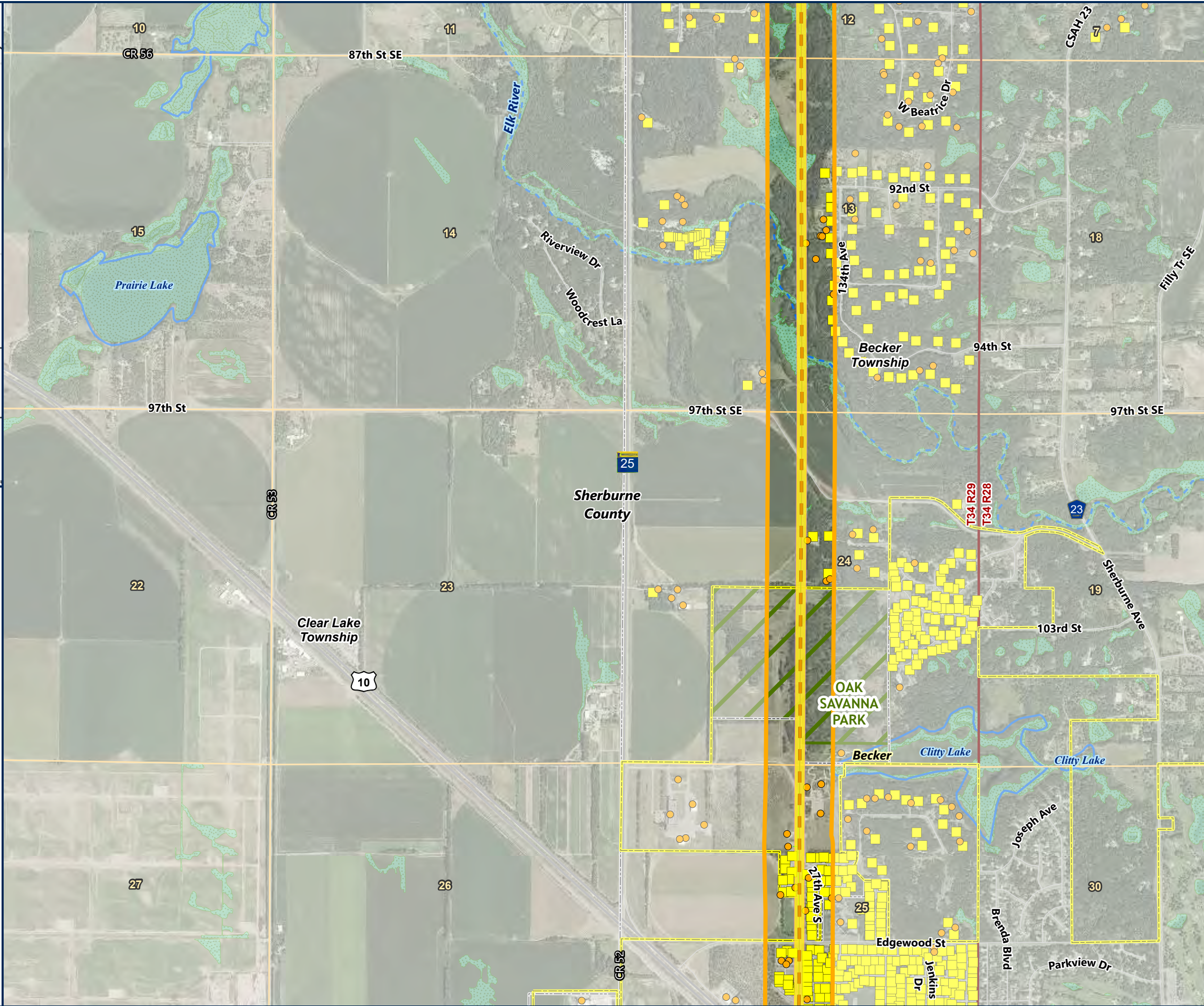


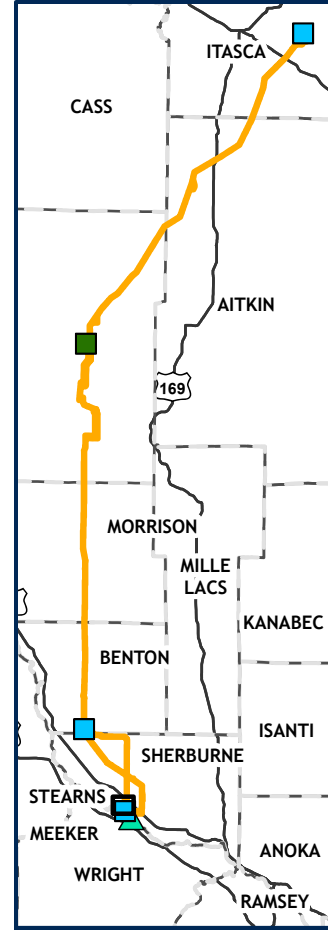
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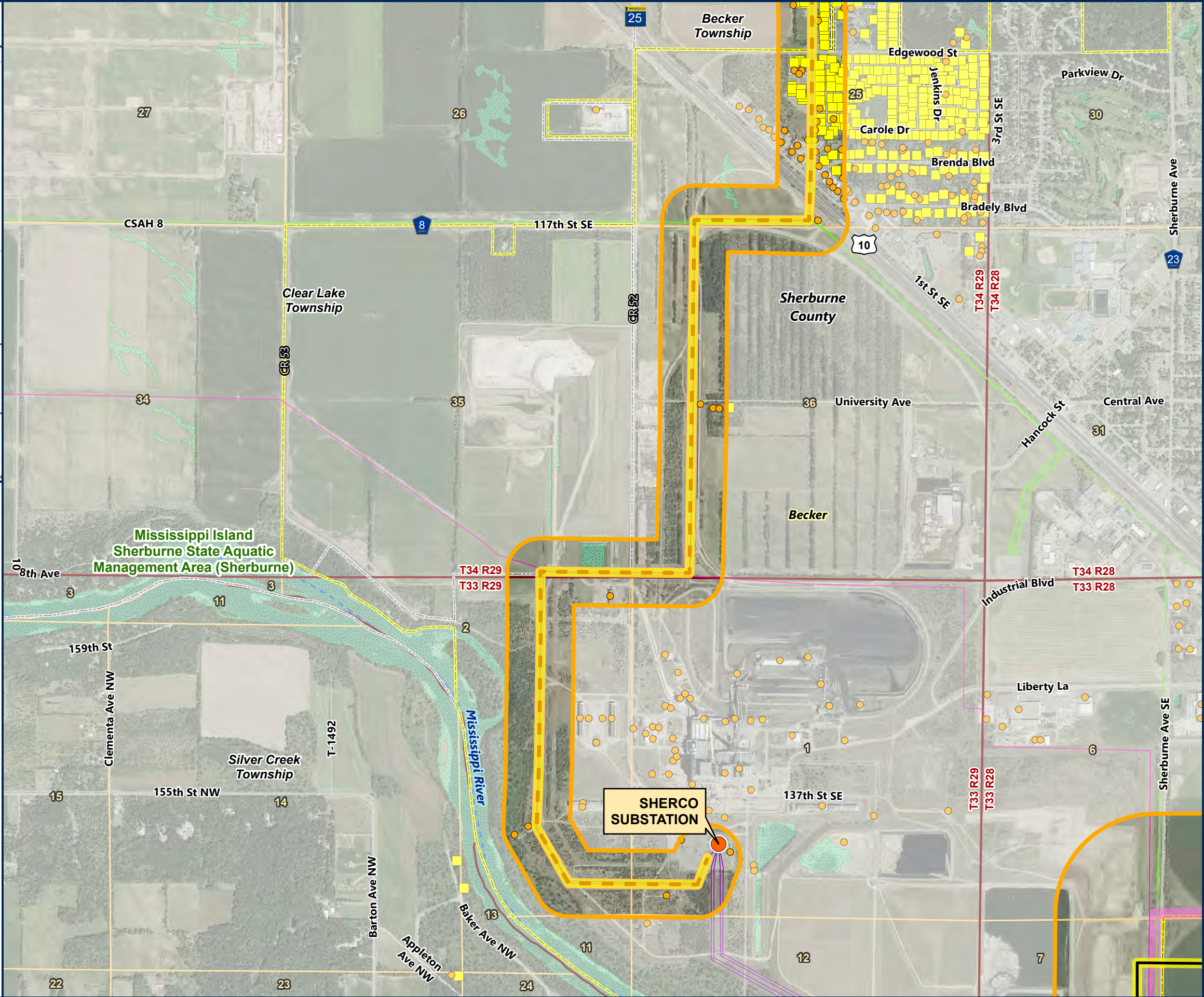
Northland Reliability Project



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Northland Reliability Project



Detailed Map Modified Proposed Route PAGE 64 OF 64

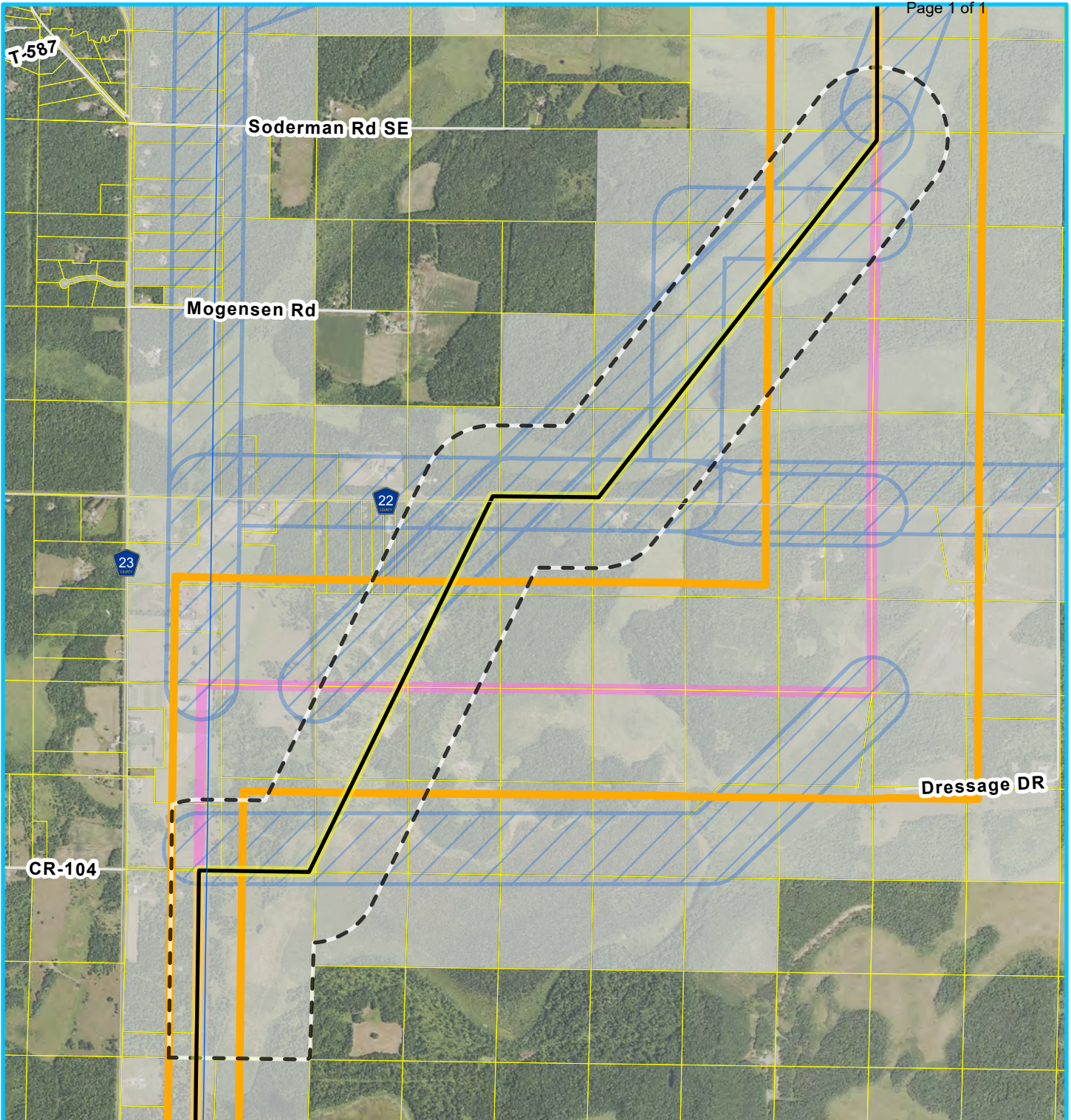
- MODIFIED PROPOSED ROUTE
- MODIFIED PROPOSED ROUTE CENTERLINE
- MODIFIED PROPOSED ROUTE RIGHT OF WAY
- APPLICATION RIGHT OF WAY
- REPLACE GRE-BS LINE
- REPLACE MR LINE
- REBUILD EXISTING 69KV
- SHIFT BP LINE, 69KV
- SHIFT MR LINE, 230KV
- SHIFT 11 LINE, 115KV
- SHIFT 92 LINE, 230KV




EXISTING TRANSMISSION LINE




- 69 KV
- 115 KV
- 345 KV OR GREATER





- SUBSTATION SITING AREA
- SHERCO SUBSTATION
- 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
- MUNICIPAL BOUNDARY

0 1,000 2,000 Ft



-  NRP Proposed Route Width
-  500-foot Route Width (EA Alternatives)
-  Modified Proposed Route

-  Proposed Centerline
-  Proposed Right of Way
-  Application Right of Way

-  Parcels
-  Noticed Parcels
-  Existing Transmission Line
-  230 kV



H4/H7 ROUTE MODIFICATION

Northland Reliability Project



Resource	Element	H4/H7 with Modifications		
		Applicants' Proposed Route	Modified Proposed Route	Co-location Maximization Route
Length (miles)*		3.8	2.9	2.9
Human Settlement**	Residences within 0-75 feet (count)	0	0	0
	Residences within 75-250 feet (count)	0	0	0
	Residences within 250-500 feet (count)	0	2	2
	Residences within 500-1,000 feet (count)	4	2	2
Environmental Justice Concerns (EJC)	Communities of EJ concern crossed by the 150-ft ROW (count)	0	0	0
Land-Based Economies	Agricultural land in 150-ft ROW (acres)	13	2	2
Archaeology and Historic Architecture	Archaeological sites and historic architectural resources in 1,000-foot route width (count)	0	0	0
Water Resources	NHD stream crossings (count)	0	0	0
	PWI stream crossings (count)	0	0	0
	Impaired stream crossings (count)	0	0	0
	NHD lake crossings (count)	0	0	0
	Impaired lake crossings (count)	0	0	0
	PWI basin crossings (count)	0	0	0
	PWI wetland crossings (count)	0	0	0
	Floodplain crossings greater than 1,000 feet (count)	0	0	0
	Total wetlands in 150-foot ROW (acres)	21	22	22
	Forested wetlands in 150-ft ROW (acres)	2	0	0
	Wetland crossings greater than 1,000 feet (count)	3	2	2
Vegetation	Forested landcover in 150-foot ROW (acres)	40	35	35
Wildlife	Wildlife Management Areas in 150-foot ROW (acres)	0	0	0
	Grassland Bird Conservation Areas in 150-foot ROW (acres)	27	29	29
	Shallow Wildlife Lake in 150-foot ROW (acres)	0	0	0
Rare and Unique Natural Resources	Sites of Biodiversity in 150-foot ROW (ranked moderate, high, or outstanding; acres)	54	50	50
	Native plant communities in 150-foot ROW (acres)	0	0	0
	High Conservation Value Forest in 150-foot ROW (acres)	0	0	0
	Lake of Biological Significance in 150-foot ROW (acres)	0	0	0
	Federal- or state-protected species documented in 150-foot ROW (count)	0	0	0
ROW Sharing and Paralleling***	HVTL Transmission line (miles, percent)	0.5 (14)	0 (0)	0 (0)
	Sub-transmission 69kV (miles, percent)	0 (0)	0 (0)	0 (0)
	Roadway (miles, percent)	0 (0)	0 (0)	0 (0)
Estimated Cost	Total estimated mid-range cost (2022 dollars in millions)	\$18.7	\$16.7	\$16.7

* For consistency with the Route Permit Application and Environmental Assessment, the length of the Route includes the length of the re-alignments discussed in Section 2.1.5.4.2 of the Route Permit Application.

** Residence counts include properties that were newly constructed or field-verified following the August 2023 Route Permit Application submission.

*** ROW sharing and paralleling is based on the length of the Project centerline without re-alignments and is presented separately for high-voltage transmission and sub-transmission.