

Stevens Point-Appleton 345-kV Rebuild Project

**Live Online Open House
Aug. 20, 2026**

August 2026

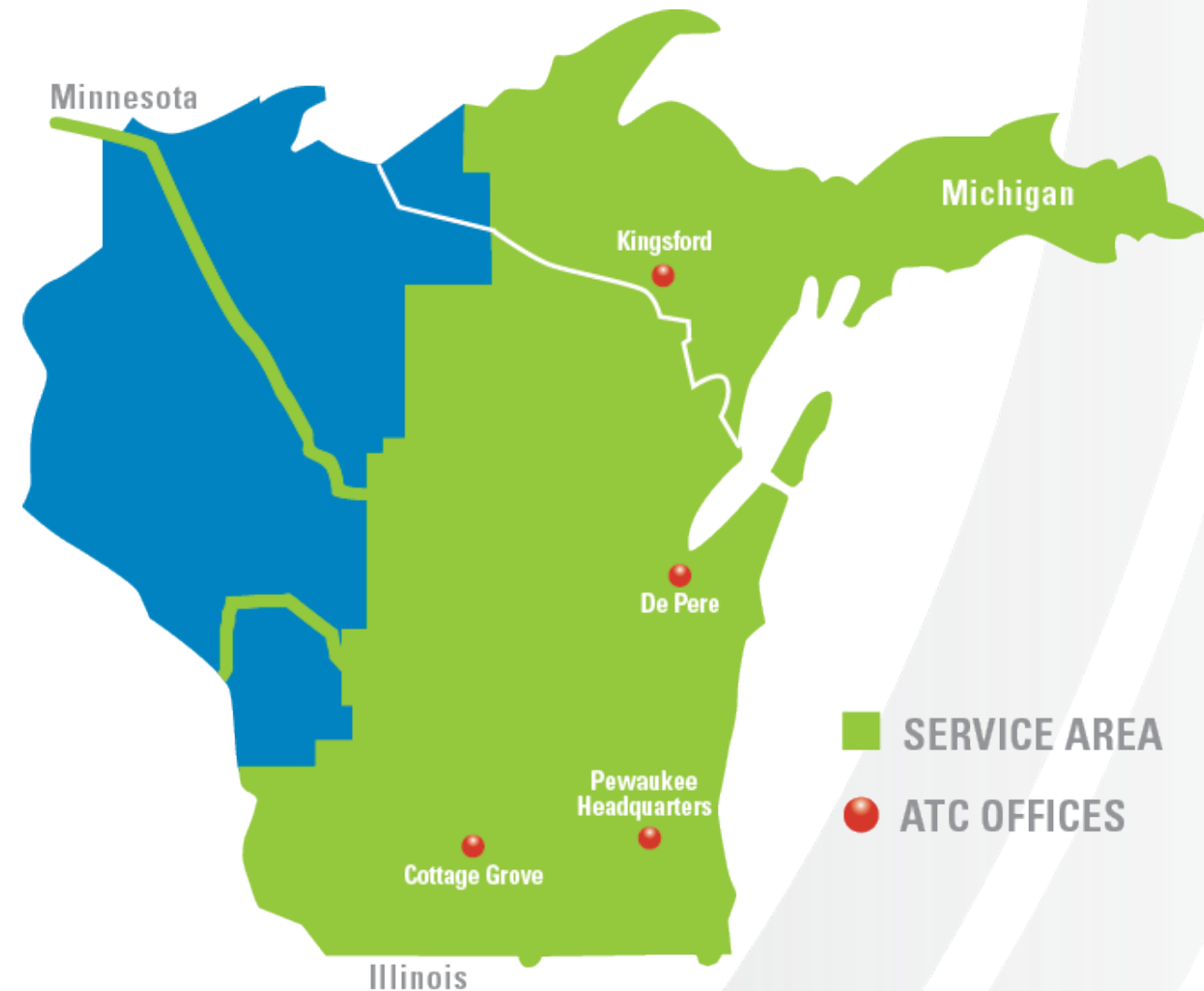
- ATC Proprietary -

atcllc.com

Stevens Point-Appleton 345-kV Rebuild Project

Who is ATC?

- A Wisconsin-based utility that plans, builds, operates & maintains the electric grid
 - 10,000+ miles of line and
 - More than 580 substations,
 - In Wisconsin, Michigan, Minnesota and Illinois



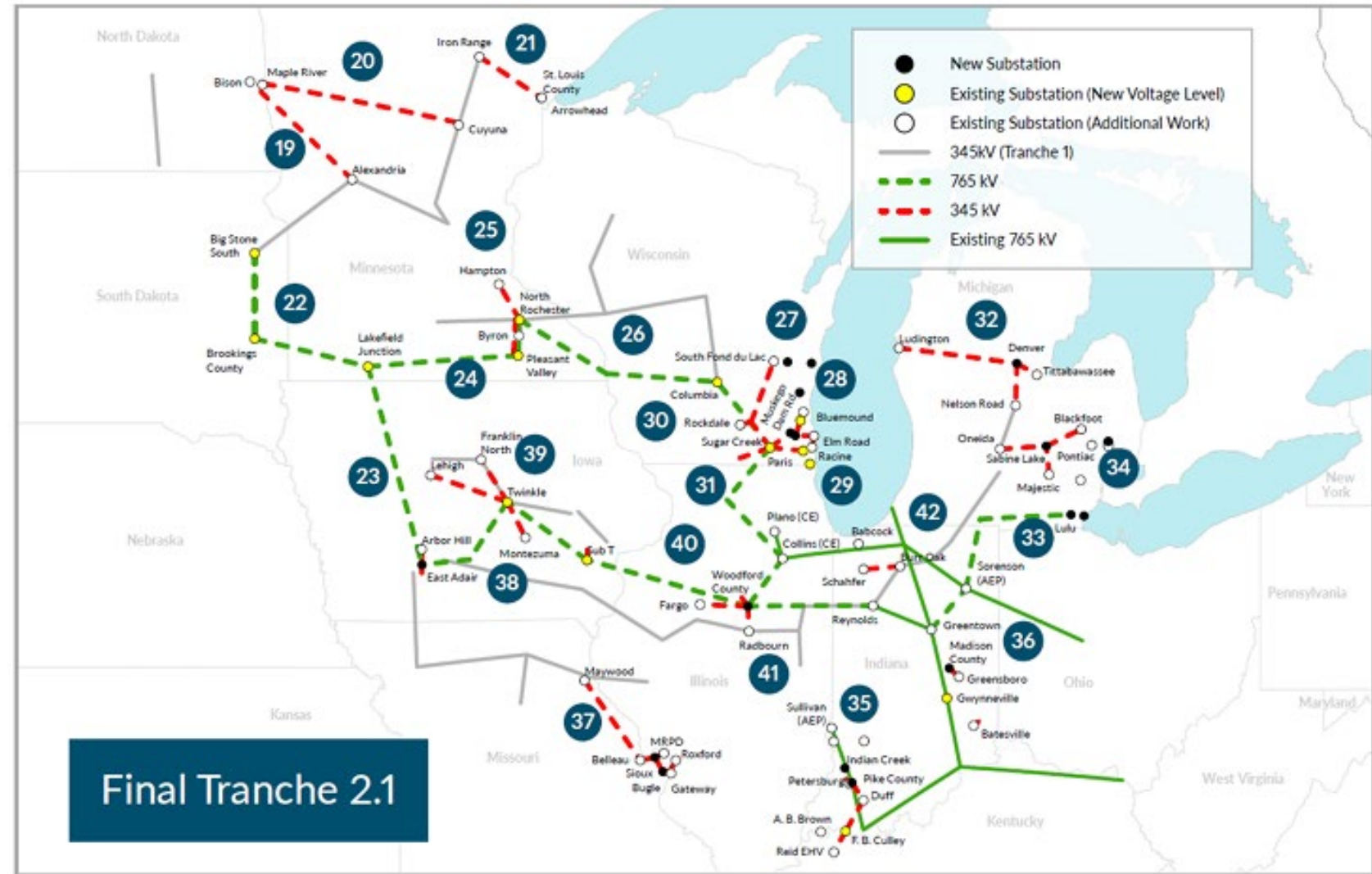
Project Need

- Address aging infrastructure
- Improve reliability
- Support growing energy demand
- Reduce constraints on the electric grid
- Support current and future energy needs

Identified through MISO's Long Range Transmission Planning process as a Multi-Value Project.



MISO Long Range Plan



Source: misoenergy.org

Project Description

- Rebuild and upgrade approximately 67 miles of existing 345-kV transmission infrastructure from Rocky Run to Werner West to North Appleton
- Evaluate segment options to:
 - Rebuild on the existing centerline
 - Parallel the existing transmission line
 - Route in a new location
- Segment options may be adjusted as new information is identified



Stevens Point to Appleton 345 kV Rebuild Project Proposed Segment Options

MAP ELEMENTS

Stevens Point - Appleton Proposed Segment Options

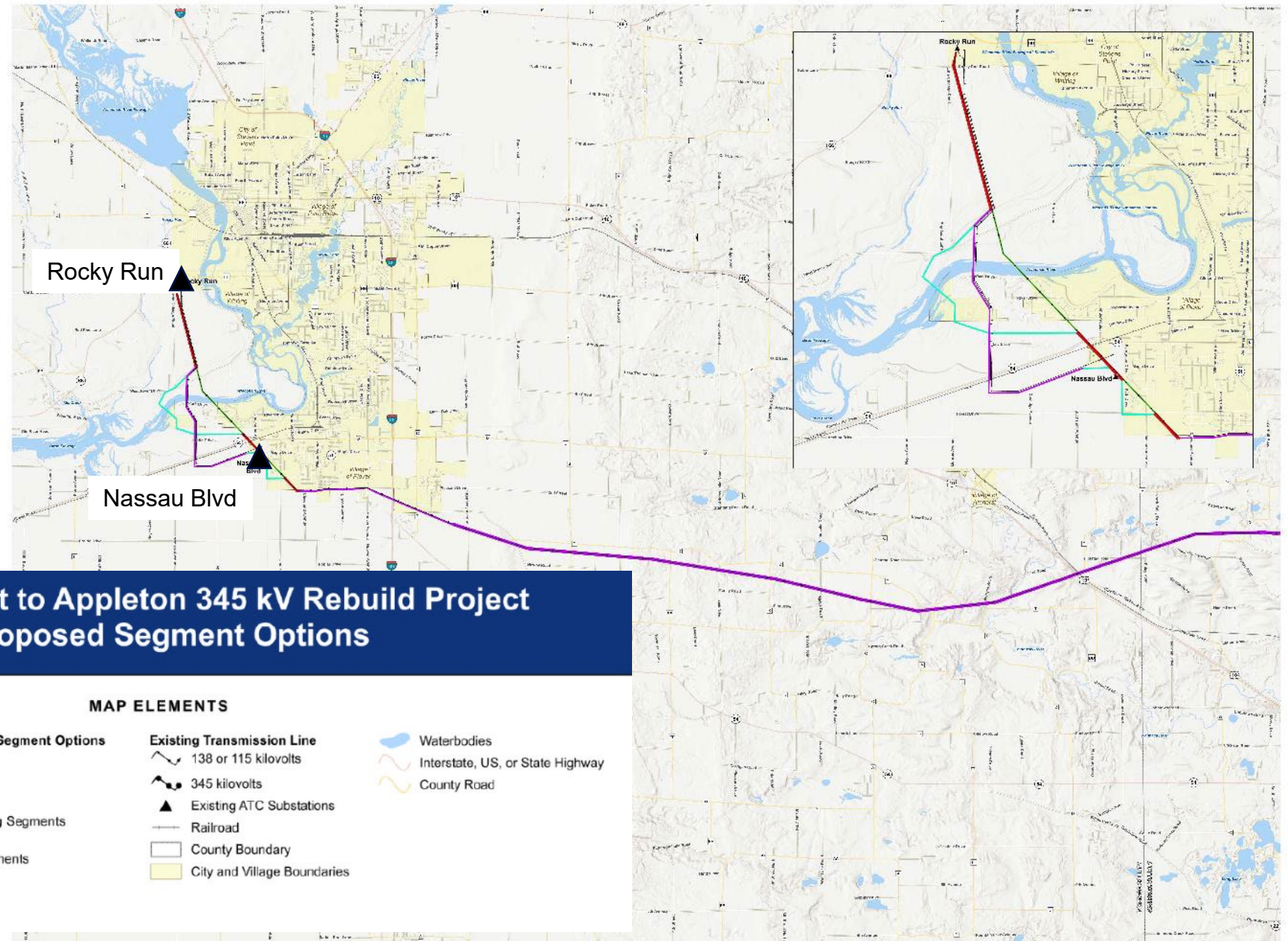
- New Location
- Paralleling Segments
- Rebuild of Existing Segments
- Rebuild of Existing or Paralleling Segments
- New or Paralleling Segments
- New or Rebuild of Existing Segments

Existing Transmission Line

- 138 or 115 kilovolts
- 345 kilovolts
- Existing ATC Substations
- Railroad
- County Boundary
- City and Village Boundaries

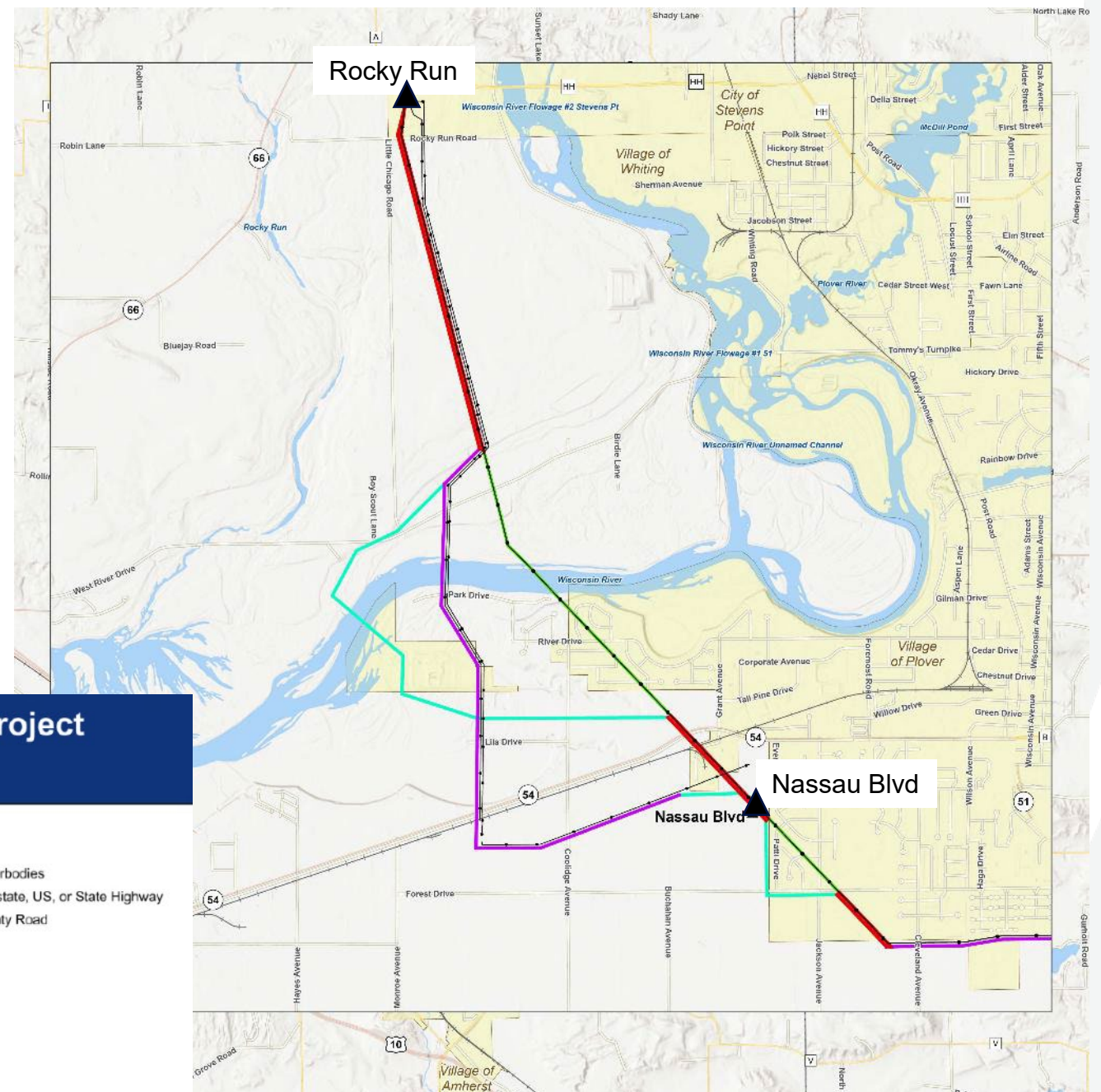
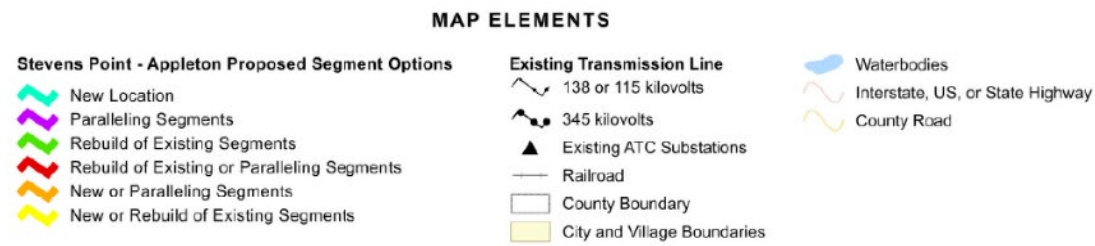
- Waterbodies
- Interstate, US, or State Highway
- County Road

Portage County

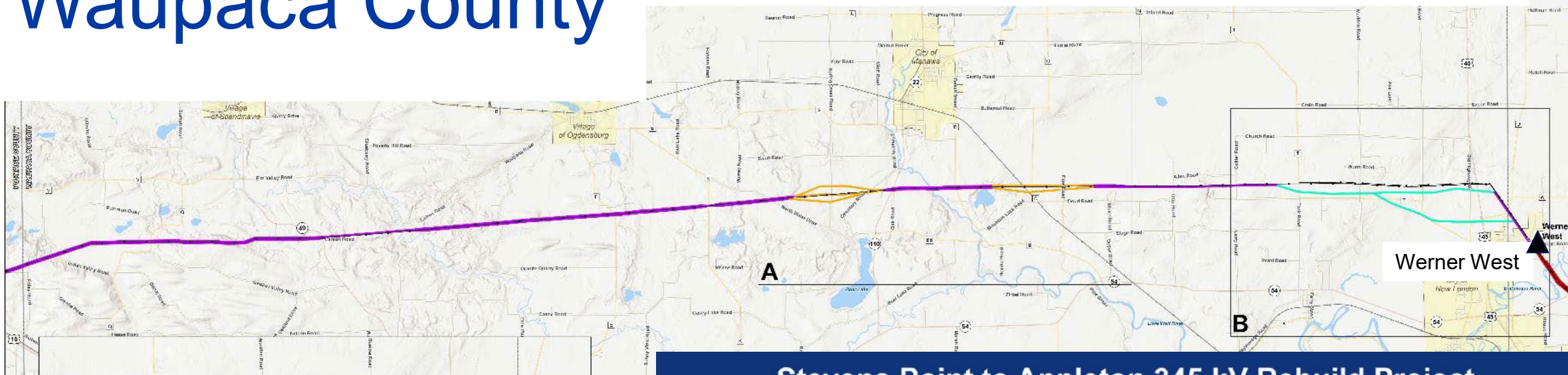


Rocky Run and Nassau Blvd

Stevens Point to Appleton 345 kV Rebuild Project Proposed Segment Options



Waupaca County



**Stevens Point to Appleton 345 kV Rebuild Project
Proposed Segment Options**

MAP ELEMENTS

Stevens Point - Appleton Proposed Segment Options

- New Location
- Paralleling Segments
- Rebuild of Existing Segments
- Rebuild of Existing or Paralleling Segments
- New or Paralleling Segments
- New or Rebuild of Existing Segments

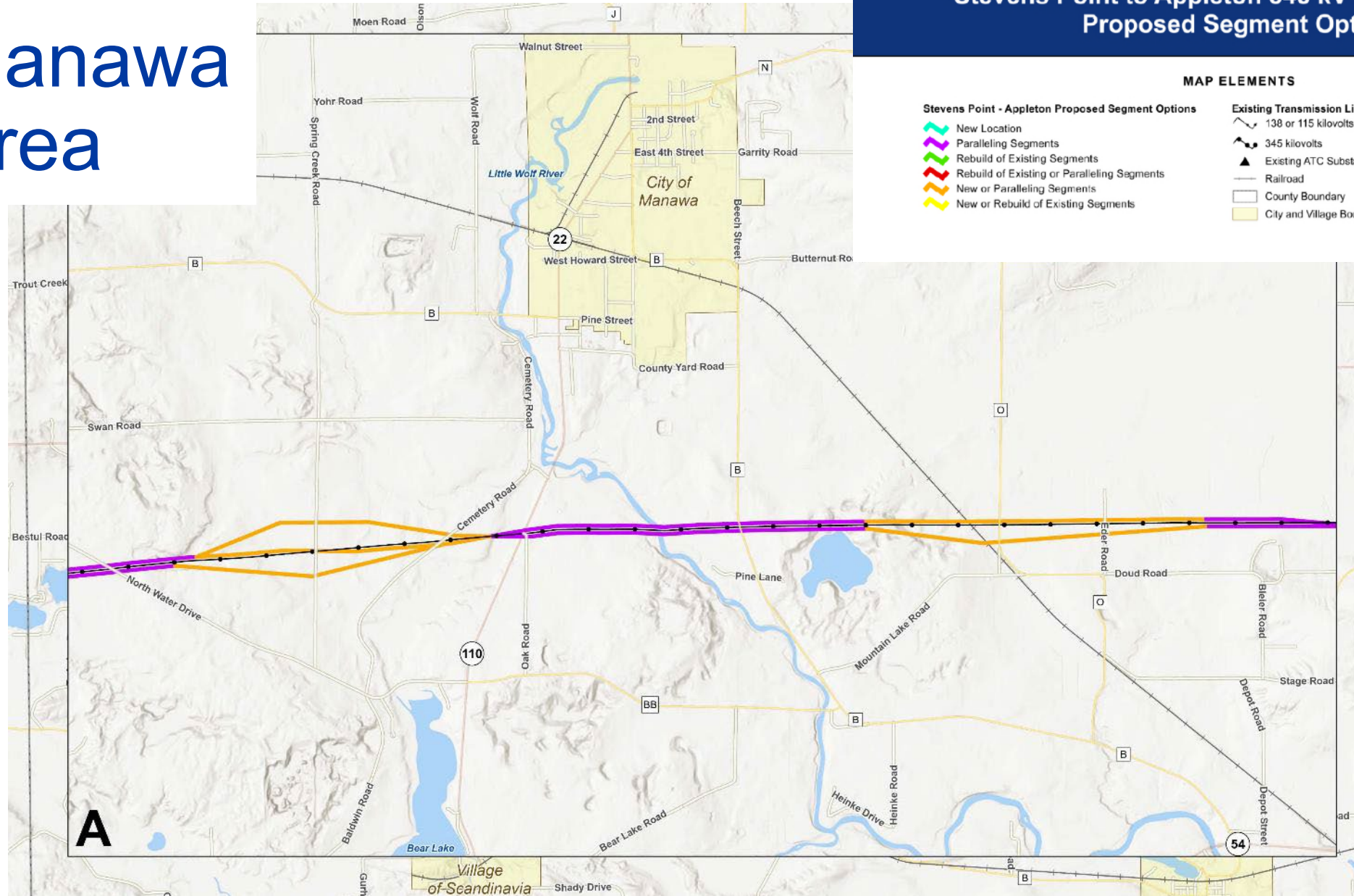
Existing Transmission Line

- 138 or 115 kilovolts
- 345 kilovolts
- Existing ATC Substations
- Railroad
- County Boundary
- City and Village Boundaries

- Waterbodies
- Interstate, US, or State Highway
- County Road

Manawa Area

Stevens Point to Appleton 345 kV Rebuild Project Proposed Segment Options



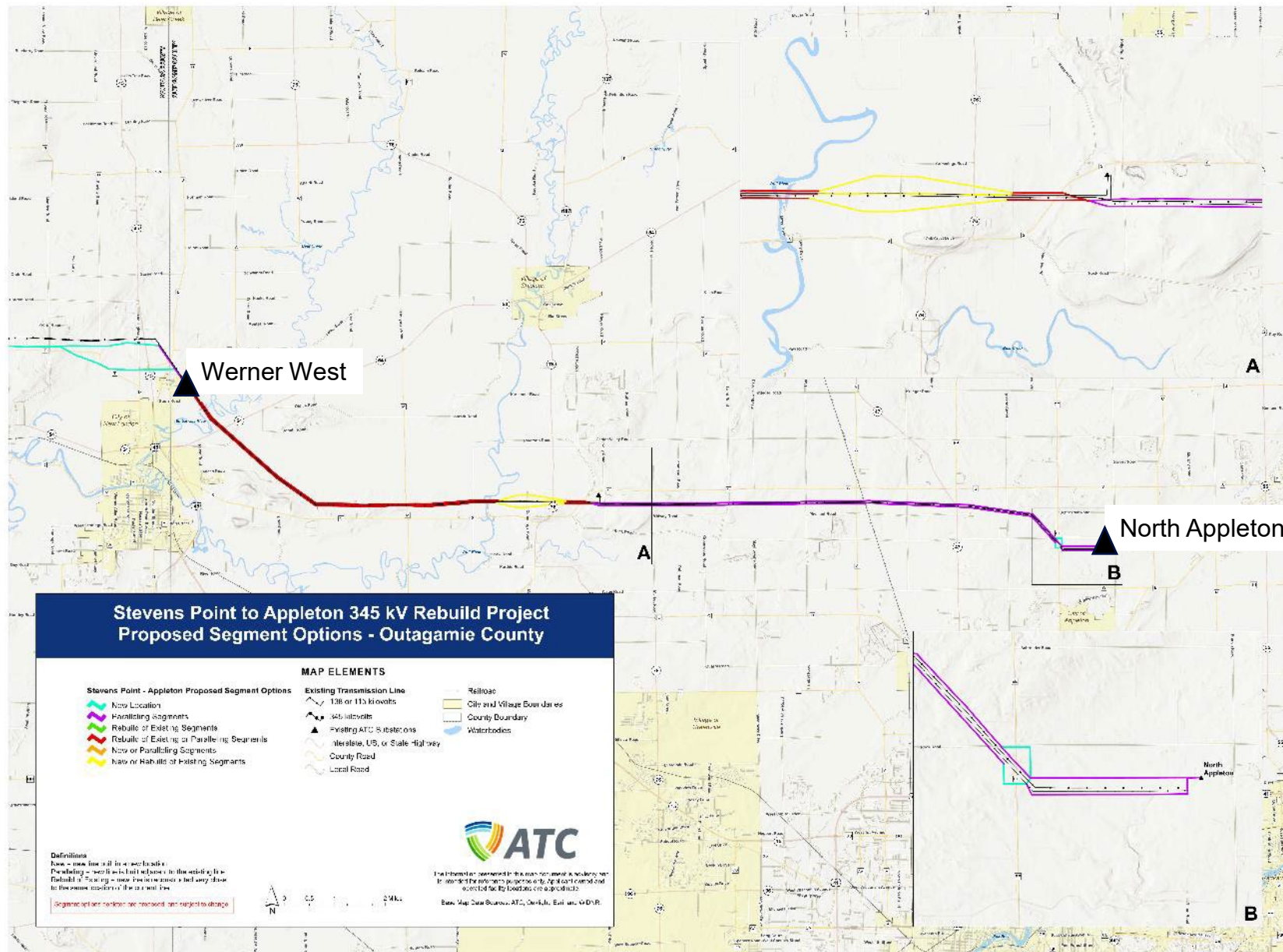
Point to Appleton 345 kV Rebuild Project
Proposed Segment Options

MAP ELEMENTS

- Proposed Segment Options**
 - Existing Transmission Line
 - 138 or 115 kilovolts
 - 345 kilovolts
 - Existing ATC Substations
 - Railroad
 - County Boundary
 - City and Village Boundaries
- Waterbodies**
- Interstate, US, or State Highway**
- County Road**

The map displays the proposed segment options for the Point to Appleton 345 kV Rebuild Project. The project area is located in the northern part of the map, near the border of the City of New London. The map shows the existing transmission line (black line) and the proposed segment options (cyan, magenta, and red lines). The project area is bounded by the City of New London to the north and the City of New London to the south. The map also shows the Embarrass River and the Wolf River. The map includes a legend for map elements such as existing transmission lines, waterbodies, and roads. The map is titled "Point to Appleton 345 kV Rebuild Project" and "Proposed Segment Options".

Outagamie County



Wolf River

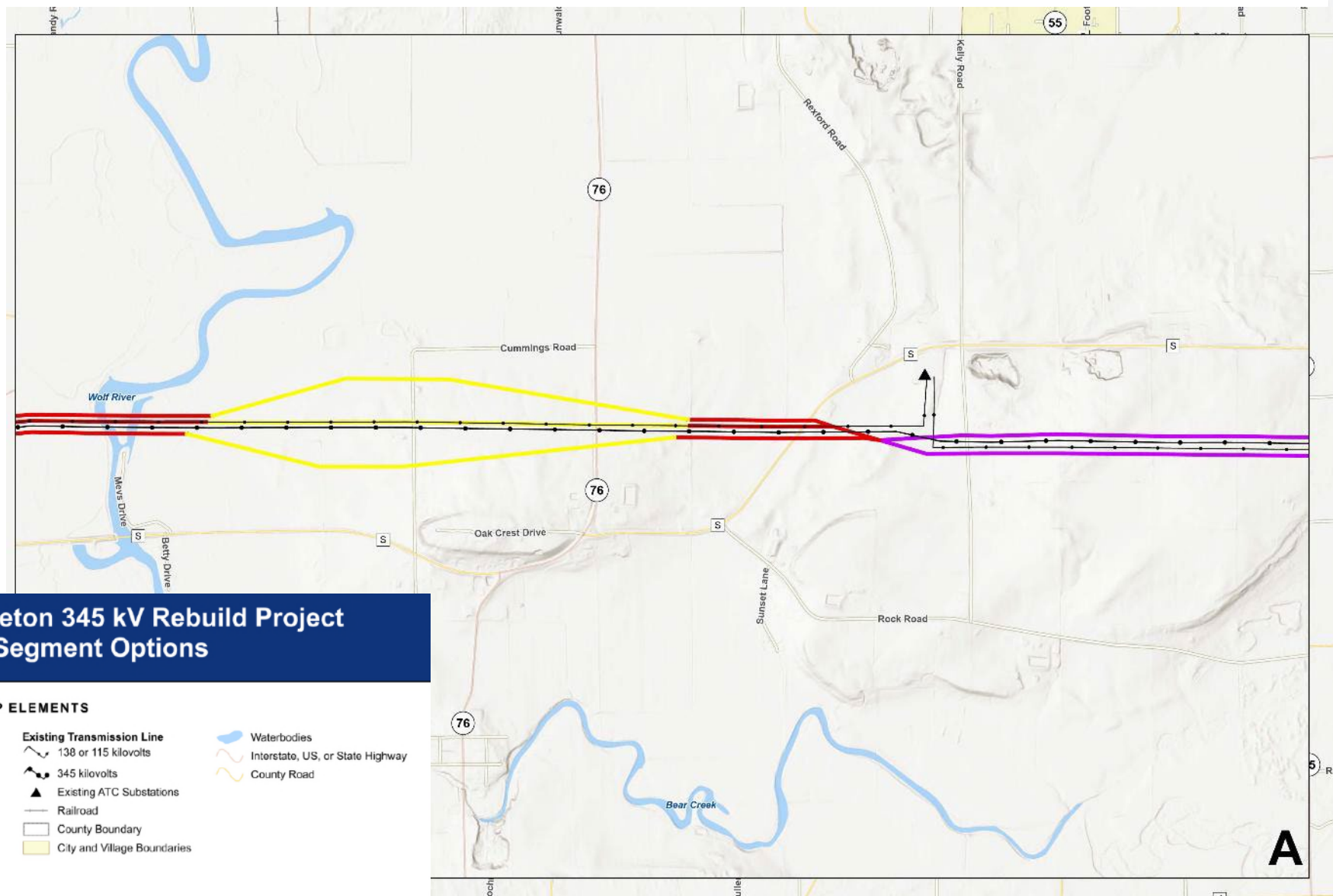
Stevens Point to Appleton 345 kV Rebuild Project Proposed Segment Options

Stevens Point - Appleton Proposed Segment Options

-  New Location
-  Paralleling Segments
-  Rebuild of Existing Segments
-  Rebuild of Existing or Paralleling Segments
-  New or Paralleling Segments
-  New or Rebuild of Existing Segments

MAP ELEMENTS

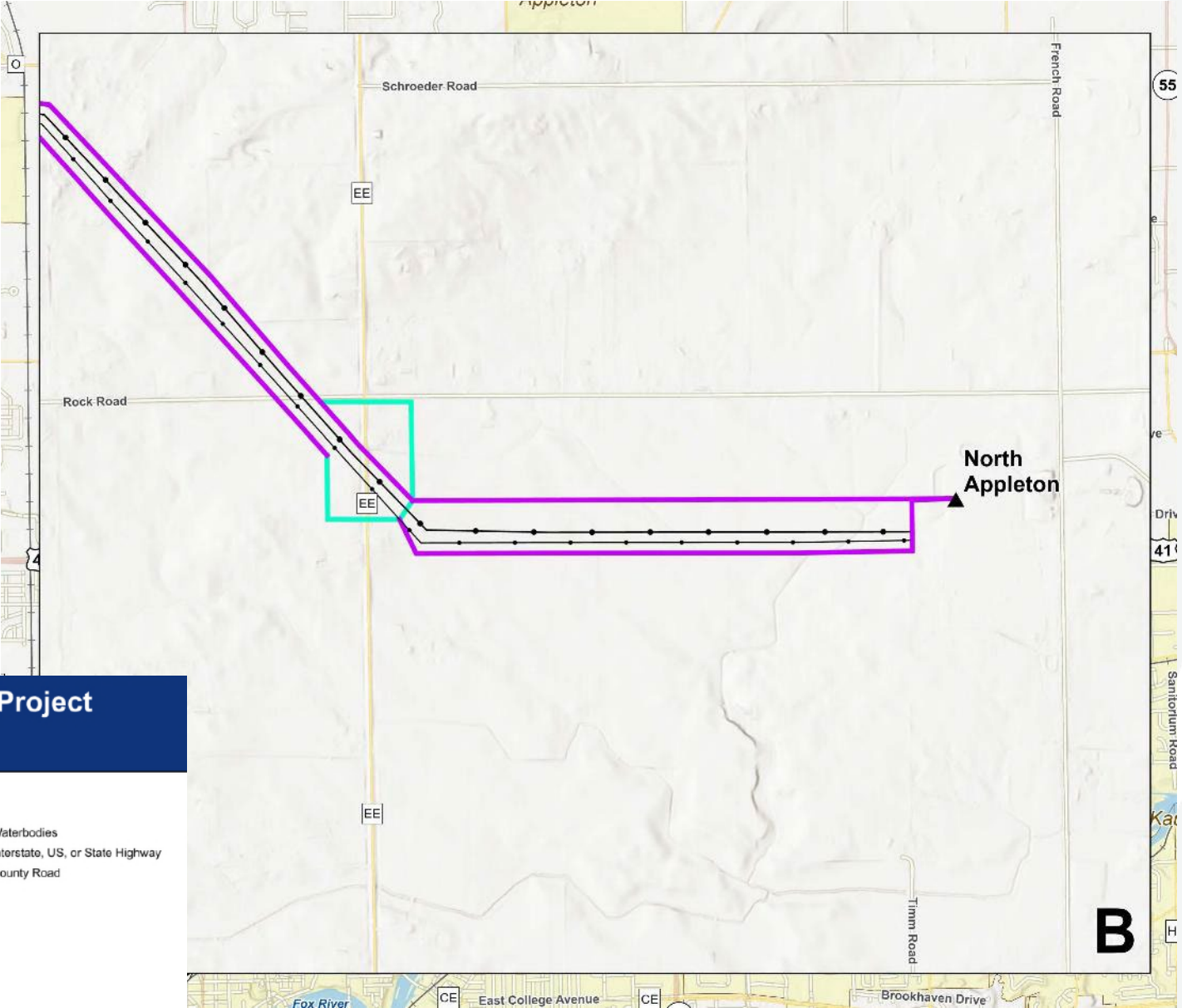
-  Existing Transmission Line
-  138 or 115 kilovolts
-  345 kilovolts
-  Existing ATC Substations
-  Railroad
-  County Boundary
-  City and Village Boundaries
-  Waterbodies
-  Interstate, US, or State Highway
-  County Road



North Appleton

Stevens Point to Appleton 345 kV Rebuild Project Proposed Segment Options

MAP ELEMENTS		
Stevens Point - Appleton Proposed Segment Options		
	New Location	 Existing Transmission Line
	Paralleling Segments	 138 or 115 kilovolts
	Rebuild of Existing Segments	 345 kilovolts
	Rebuild of Existing or Paralleling Segments	 Existing ATC Substations
	New or Paralleling Segments	 Railroad
	New or Rebuild of Existing Segments	 County Boundary
		 City and Village Boundaries
		 Waterbodies
		 Interstate, US, or State Highway
		 County Road



Routing and Siting

- To identify possible Transmission Line Routes, ATC uses a robust routing and siting process.
- The process adheres to the priorities defined in Wisconsin State Statute 1.12.
- ATC seeks to avoid or limit impacts to sensitivities and utilize existing routing opportunities to the extent practicable.
- Generally:
 - **Sensitivities** are natural or man-made resources or conditions that might adversely affect transmission line development.
 - Examples include stream corridors, protected lands or individual residences.
 - **Opportunities** are pre-existing linear infrastructure or other features along which transmission line development is potentially compatible.
 - Examples include existing transmission lines, highways and roads.

Routing and Siting Analysis Criteria

- Environmental Criteria
- Cultural and Social Criteria
- Land Use Criteria
- Engineering Criteria
- Stakeholder Input

Environmental Commitment

- Minimize environmental impacts, ensure regulatory compliance
- Identify & map natural resources to support route selection & regulatory approval
- Site within or adjacent to existing corridors where possible
- Regulated by WDNR, U.S. Army Corps of Engineers, U.S. Fish & Wildlife Service
- Monitor during and post construction
 - Construction best management practices
 - Compliance with permit conditions
 - Complete site restoration



What Will the Rebuilt Line Look Like?

- Voltage: 345-kV
- Structures: Single steel monopoles
- Typical structure height: 135-155ft.*
- Typical structure spacing: 600-1,000 ft.*
- Typical easement width: 150 ft.

****Approximate***

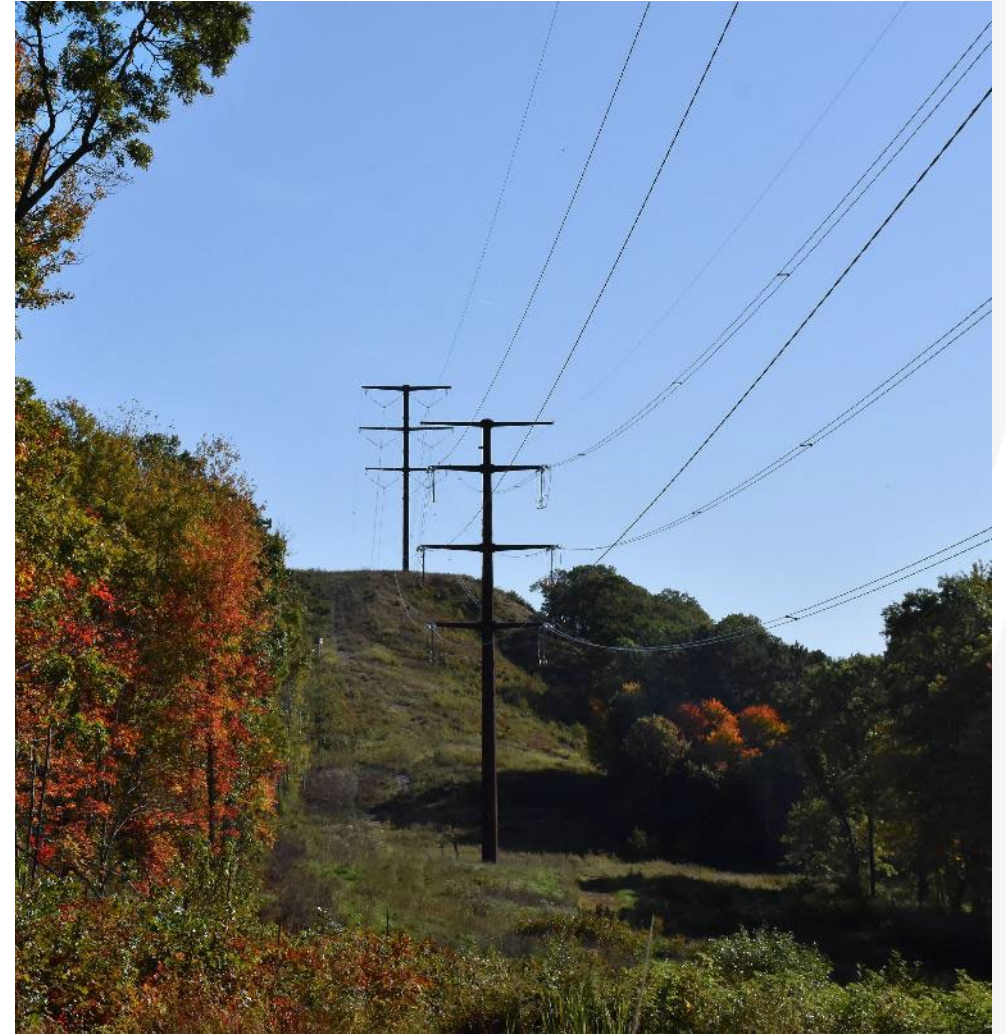
Structure configuration will vary based on location and engineering requirements.

TYPICAL STRUCTURE TO BE USED

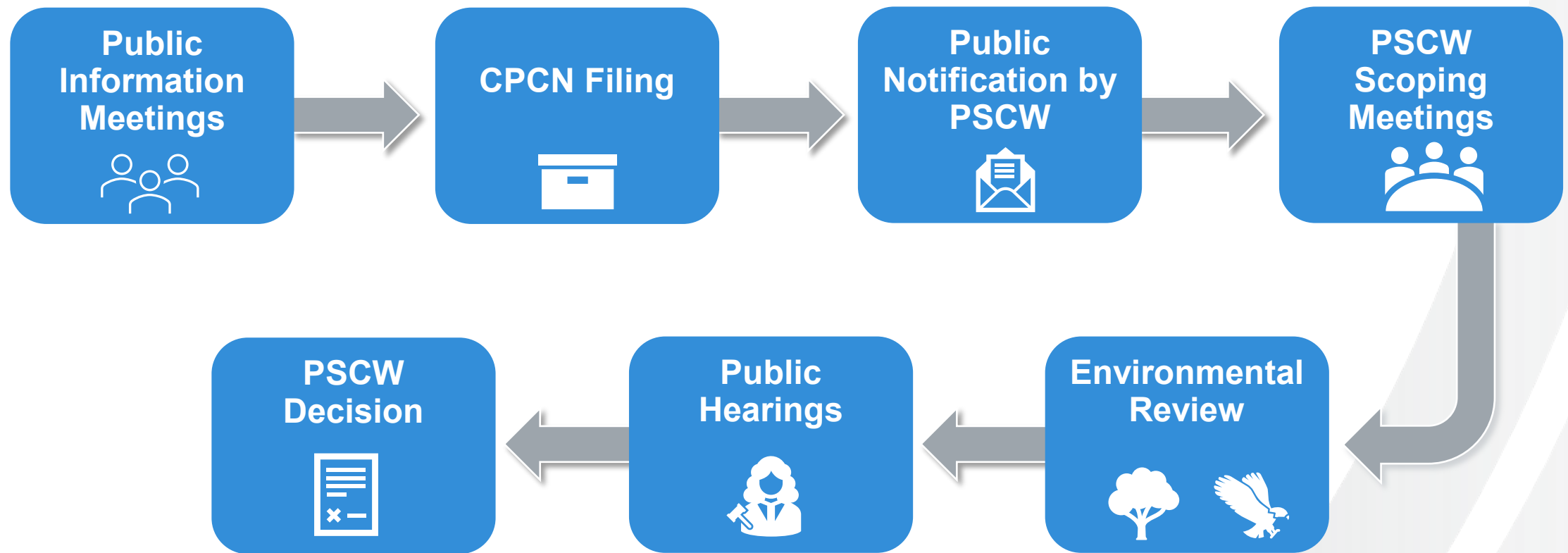


What is an Easement?

- Property rights that grant permission to use another person's land for a specific purpose.
- Ownership and title to the property remain with the landowner.
- If property is transferred/sold to new owners, the easement rights remain in place.
- Rights vary but typically limit the use of the easement area, allowing ATC to remove trees, incompatible vegetation and other obstacles that could interfere with the safe operation, maintenance, and access of the electric grid.



Regulatory Review & Approval Process



Preliminary Project Schedule*

- Public announcement.....**Q3 2026**
- Application files with the PSCW.....**Q3 2027**
- Application decision from the PSCW.....**2028**
- Pre-construction ground activities.....**2028**
- General construction.....**2030**
- Project in service..... **2032**

** Subject to change*

Project Recap

- Project Need

- Address aging infrastructure
- Improve reliability
- Support growing energy demand
- Reduce constraints on the electric grid

- Project Description

- Rebuild and upgrade approx. 67 miles of existing 345-kV transmission infrastructure
- Evaluate options to rebuild on the centerline, parallel the existing line or route in a new location

PSCW application anticipated in 2027 ● Construction anticipated in 2030 ● In service in 2032

In-person Open Houses

Wednesday, Aug. 26, 2026

12:30 – 2:30 pm

4 – 6 pm

Best Western Premier
Bridgewood Resort Hotel

1000 Cameron Way

Neenah, WI 54956

Thursday, Aug. 27, 2026

12:30 – 2:30 pm

4 – 6 pm

Foxfire Golf Club at Par4 Resort
201 Foxfire Dr.

Waupaca, WI 54981

Submitting Comments/Questions

Ways to provide comments and ask questions:

- Mail: Comment form with return envelope
- Email: drenner@atcllc.com
- Telephone: (608) 877-3581
- Website: www.atcllc.com/projects
 - ◆ Click on the Stevens Point-Appleton Rebuild Project
- Submit comments by **September 14, 2026**

PSCW Public Input processes

- Website: psc.wi.gov



Thank you!

