

Bayfield Second Circuit Alignment Analysis

PSC Routing Criteria priorities:

- a. Existing utility corridors
- b. Highways and RR
- c. Recreational Trails
- d. New corridors

Environmental Impacts:

- a. water crossing
- b. wetland crossing
- c. forest clearing
- d. wetland clearing
- e. construction impacts

Constructability Issues:

- a. outage risk
- b. worker safety
- c. construction access
- d. Other
 - i. multi-pole structures
 - ii. pinch points between residences

How Addresses Need:

- a. voltage support
- b. reliability
- c. future maintenance

Landowner Impacts:

- a. proximity to residences
- b. new impacts
- c. existing easements
- d. temporary easements
- e. ag land impact

Cost

Public Land Impacts:

- a. USFWS
- b. WI DNR
- c. County

- d. City/town/other

Aesthetic Impact:

- a. vegetation clearing
- b. visual appearance
- c. structure heights

Structure Design:

- a. type
- b. height

Other details

- a. total length
- b. miscellaneous
 - a. minimize crossing over existing line
 - b. tie line