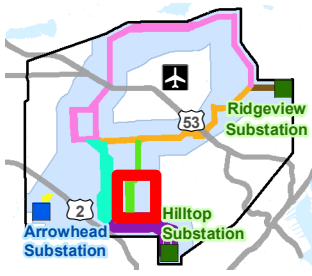


This map provides preliminary Route Alternatives for the proposed project. These Route Alternatives were developed to collect information and feedback on potential route alternatives. This map does not represent the final route determination. The Minnesota Public Utilities Commission will make the final route determination after considering a variety of factors including human and environmental impacts and stakeholder and public input.

Study Area	115 kV Project Endpoint	NWJ Wetland Designated	Cemetery
Study Corridor	230 kV Project Endpoint	Trout Stream	Church
Route Alternatives	Substation	Protected Tributary to Designated Trout Stream	Hospital
Segment A (Brown)	Existing Transmission Line	Property Line	School
Segment B1 (Pink)	Pipeline	MBS Biodiversity Significance	Park
Segment B2 (Orange)	Railroad	Existing Structure	
Segment C1 (Teal)	Waterbody	Airport	
Segment C2 (Green)	PWI Basin		
Segment D (Purple)	PWI Watercourse		
Segment E (Yellow)			



DULUTH LOOP RELIABILITY PROJECT ROUTE ALTERNATIVES