

PSE on bainbridge island

April 2021

“Missing link” transmission line – route options

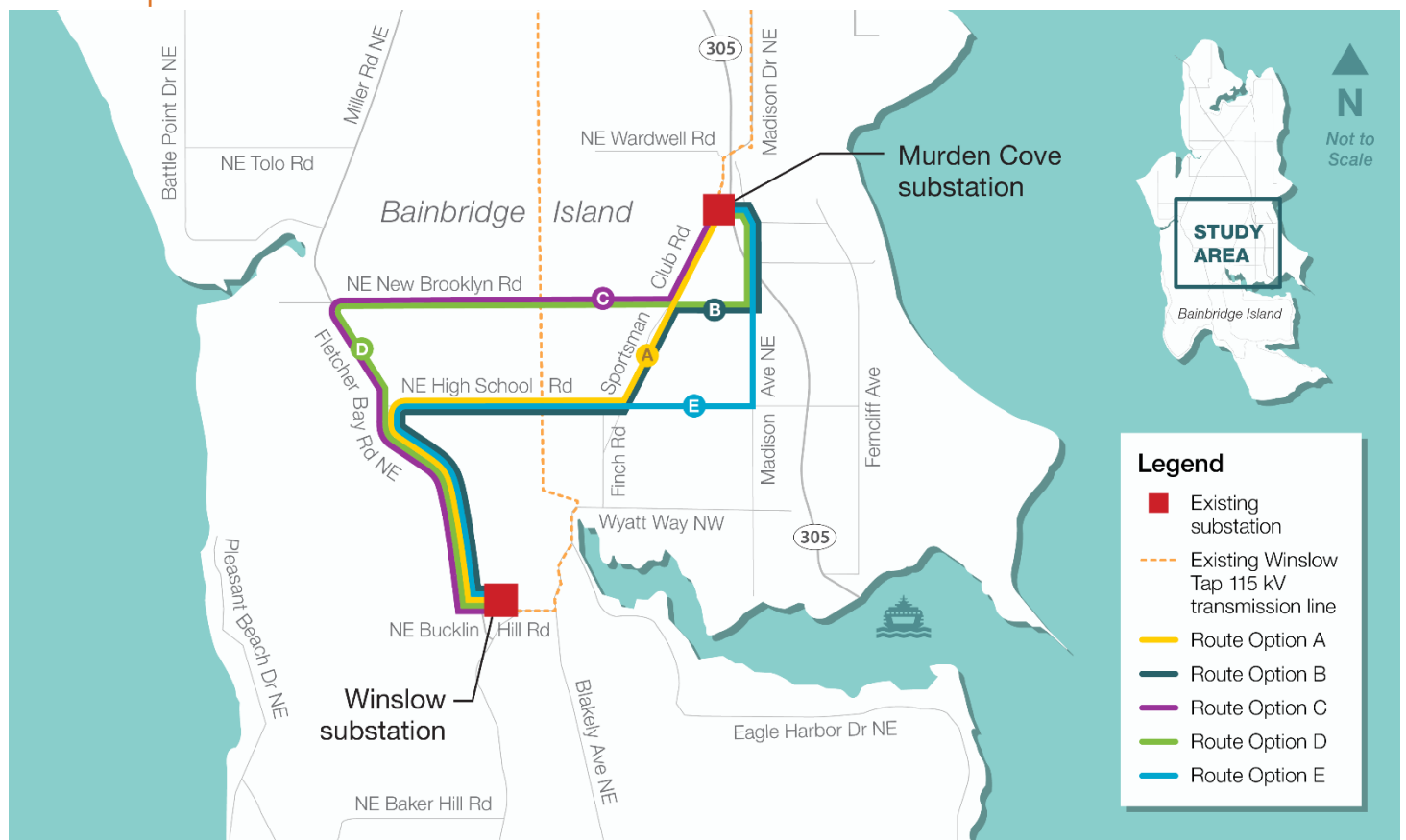
Project overview

PSE plans to build a new transmission line between the Murden Cove and Winslow substations to create a transmission loop. Creating a transmission loop means all substations will be connected to two transmission lines. If one line to a substation experiences an outage, the other line can feed the substation and provide power to customers.

This new transmission line is a critical component of PSE’s plan to improve electric service reliability, reducing the frequency and duration of power outages for customers on Bainbridge Island.

It’s PSE’s goal to understand community values and interests around the new transmission line, so we launched a community engagement process. PSE hosted our first community workshop in January 2021 on route segments – a discrete section of a potential future transmission line. That feedback informed the creation of route options and we are now asking the community to share feedback to inform PSE’s preferred route.

Route options



Map of route options PSE is considering for the new “missing link” transmission line between the Murden Cove and Winslow substations.

About Category II wetlands

Route Options A, C, and E have mapped Category II wetlands on both sides of the road in portions of their routes. Currently, City of Bainbridge Island code prohibits Primary Utilities in Category II wetlands, including transmission lines. Mapped Category II wetlands are located on both sides of NE High School Road in two locations near the intersections with Sportsman Club Road NE and Fletcher Bay Road NE. PSE is exploring a possible code amendment.

Route option A

Route Option A is the shortest route at 3.4 miles total, starting from Murden Cove substation and heading south along Sportsman Club Road NE until it turns west onto NE High School Road. It continues to Fletcher Bay Road NE and then travels south to Bucklin Hill Road NE, turning east to connect to the Winslow Substation. There are existing overhead distribution lines along the entire route.

Route option B

Route Option B travels for 3.8 miles total, starting from Murden Cove substation and heading east, crossing State Route 305. It then travels south down Moran Road NE, crossing State Route 305 again to follow Madison Avenue NE before heading west on NE New Brooklyn Road. It follows NE New Brooklyn Road until it turns south onto Sportsman Club Road NE, then turning west onto NE High School Road. Upon reaching Fletcher Bay Road NE the route heads south until turning east onto Bucklin Hill Road NE to connect to the Winslow Substation. There are existing overhead distribution lines along this route expect for a 1,000-foot section along NE New Brooklyn Road.

Route option C

Route Option C travels for 3.9 miles total, starting from Murden Cove substation and heading south along Sportsman Club Road NE until it turns west onto NE New Brooklyn Road. It follows NE New Brooklyn Road west until turning south at the intersection with Fletcher Bay Road NE. The route then travels east along Bucklin Hill Road NE to connect to the Winslow substation. There are existing overhead distribution lines along this entire route.

Route option D

Route Option D is the longest route at 4.4 miles total, from Murden Cove substation, crossing State Route 305 and then turning south down Moran Road NE. Crossing State Route 305 again the route follows Madison Avenue NE south, turning west onto NE New Brooklyn Road where it continues until it turns and follows Fletcher Bay Road NE south. It continues until turning east onto Bucklin Hill Road NE to connect to the Winslow Substation. There are existing overhead distribution lines along this route expect for a 1,000-foot section along NE New Brooklyn Road.

Route option E

Route Option E travels for 4 miles total, travelling east from Murden Cove substation, crossing State Route 305 and travelling south down Moran Road NE. It then crosses State Route 305 again to follow Madison Avenue NE until it reaches NE High School Road, where it turns west. The route follows NE High School Road until it meets Fletcher Bay Road NE. It then travels south until the intersection with Bucklin Hill Road NE where it turns east to connect to the Winslow Substation. There are existing overhead distribution lines along the entire route.

Share your feedback

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