

SR 20 Swantown Road to Cabot Drive: Corridor Pre-Design Analysis

We partnered with the City of Oak Harbor to review corridor needs and develop a detailed plan that will facilitate design and construction of future highway improvements. The corridor pre-design analysis report was completed in Spring 2005. The project team recommended development of two-lane roundabouts, additional lanes, plus widening for bike lanes, wider sidewalks, and planted medians. The full \$25 million project is unfunded. The city and WSDOT are currently exploring options for constructing interim improvements between Erie Street and Swantown.

Vicinity Map



The focus area includes six key intersections: Swantown Avenue, Erie Street, Pioneer/Beeksma, Barrington Drive, 8th Avenue and Cabot Drive.

Reason for the analysis

Several issues and concerns led to our work on the corridor pre-design:

- Oak Harbor is expecting population growth that will lead to higher traffic volumes on SR 20.
- Without improvements, the six intersections in the corridor will experience significant delay in 2030.
- A 2003 project that installed raised curbing achieved its goal of reducing collisions, but limited access to properties located along SR 20.
- The city wants to improve the look of the corridor to enhance community identity and support economic vitality.

Recommendations

The project team evaluated several alternatives and made recommendations based on four goals: 1) Improve Safety; 2) Relieve

Traffic Congestion; 3) Improve Access to Land Uses; and 4) Improve Aesthetics. The team determined that construction of roundabouts with highway widening would best accomplish these goals. The full concept was divided into the following four phases, with estimated costs in 2005 dollars:

Phase One: \$6 million

Construct two-lane roundabouts at Swantown and Erie; convert existing right-of-way to create two lanes southbound and one lane northbound.



Phase Two: \$5 million

Construct two-lane roundabouts at Pioneer/Beeksma and Barrington

Phase Three: \$7 million

Widen SR 20 to four lanes from Swantown to Pioneer; provide additional widening on SR 20 from Swantown to Barrington to accommodate bike lanes, wider sidewalks and landscaped medians.

Phase Four: \$7 million

Construct two-lane roundabouts at 8th Avenue and Cabot Drive; provide additional widening on SR 20 from Swantown to Barrington to accommodate bike lanes, wider sidewalks and landscaped medians.

Implementing the plan

The City of Oak Harbor received grant funding to complete the design for a portion of the corridor, and we are exploring options for constructing interim improvements along a section of the corridor. However, construction of recommended improvements is currently unfunded. We have identified Phase One in WSDOT's *Highway System Plan*, and will pursue state funding for the projects. We will also support the city in its attempts to secure grant funding for SR 20.

Contact Information

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