

ISLAND TRANSPORTATION PLANNING ORGANIZATION 2016 STP PROSPECTUS

Application Due Date: September 30, 2016 at 4:30 PM

**Submit an electronic copy and 5 paper copies to:
Brian Wood, ITPO Transportation Planner, Island County Public Works, P.O. Box 5000,
Coupeville, WA 98239 / b.wood@co.island.wa.us**

Agency/Sponsoring Agency: City of Oak Harbor	Biennium:
Address: 865 SE Barrington Drive, Oak Harbor, WA 98277	Contact Person: Arnold Peterschmidt
Phone No: 360 279-4500	Email Address: apeterschmidt@oakharbor.org

Identification:

Project/Road Name: NE 7 th Avenue Improvement Project	<u>Begin</u>	<u>End</u>
	N. Oak Harbor St	SR-20

Federal Functional

Class: Collector

See [WSDOT Functional Class Map](#) to determine road classification (local roads and rural minor collectors are generally excluded, but several exceptions apply (see link to Title 23, USC below))

Six Year T.I.P. Priority No. 1 **STP Category:** 03 1

See eligible activities:

- [General](#)
- [Detailed](#) pgs 73-77 of Title 23, USC

Description of Project & Conditions to be Corrected by Project:

The NE 7th Avenue Improvement Project is intended to update the street section to provide multi-modal facilities where none effectively exist. The project will develop the street section to include ADA compliant pedestrian facilities on both sides of the street, a multi-use path, bike lanes, a transit stop, uniform illumination over the length of the project, landscape strips, stormwater facilities, pervious hard surfacing, stormwater detention and treatment, curb and gutter, and intersection improvements.

NE 7th Avenue is an east-west oriented street that is classified as a collector. It is the sole east-west

link in north Oak Harbor between a large residential neighborhood and the commercial, employment and services core of Oak Harbor and SR20, the regional transportation corridor. The neighborhood includes single family residential, apartment complexes and two mobile home parks. There are significant numbers of low-income and affordable housing units in the neighborhood.

The project extends for approximately 0.5 miles and includes the intersections with N. Oak Harbor Street and SR-20. The existing street consists of two 10-foot travel lanes, one each way. There are no shoulders along most of the street with the edge of the pavement immediately outside the fog stripe. Where shoulders do exist they consist of gravel and are substandard for an urban arterial. Short sidewalk segments exist in several areas but most of the street does not have sidewalk. The speed limit is 35 MPH. Average daily traffic is 5,100 vehicles per day. Island Transit has one undeveloped bus stop in the west-bound direction. There are no bicycle facilities. Street lighting is limited to intersections; the majority of the roadway is dark at night which has contributed to several pedestrian vs. vehicle accidents and many near miss incidents. The Oak Harbor Police Department has strongly urged improvement to the lighting and pedestrian facilities along this section of roadway.

There is substantial demand for pedestrian facilities evidenced by well worn trails from foot traffic along both sides of the street. Demand for ADA accessible facilities is such that pedestrians using white canes, disabled people in motorized and manual wheel chairs and parents with baby strollers are often in the travel lanes. A primary objective of this project is to correct the lack of pedestrian and accessible facilities by providing functional, safe and accessible non-motorized facilities linking the NE neighborhoods to the central economic area and transportation corridor of Oak Harbor.

NE 7th Ave is designated as a priority route for pedestrians, cyclists and motor vehicles in the Oak Harbor Comprehensive Transportation Plan (see attached maps). The existing condition of NE 7th Ave are a significant break in continuity for non-motorized transportation modes in the Oak Harbor transportation system. This project was evaluated as the highest priority transportation project in Oak Harbor during the development of the 2016 Oak Harbor Transportation Plan.

While the project will improve vehicle safety and efficiency it is not expected to result in a significant increase in vehicle capacity. The project will provide substantial capacity and level of service gains for non-motorized and multi-modal transportation. The NE 7th Avenue Improvement project is included in the Oak Harbor 2017 – 2022 Transportation Improvement Program, the current Capital Improvement Plan, and is consistent with the Oak Harbor Transportation and Oak Harbor Comprehensive Plans.

(Attach additional sheets if necessary)

Estimated Total Cost: \$4,677,000 STP Funds Requested: \$242,200

Matching Percentage: 13.5%

Local Project Approval

STP Project Prospectus prepared under the supervision of:



Joe Stowell, P.E., City Engineer

9/20/16

Date

Island County Region Project Approval:

STP Project Approved with a priority rating of: _____

Chair, ITPO Policy Board _____ Date _____

ISLAND TRANSPORTATION PLANNING ORGANIZATION 2016 STP RATING SHEET
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Note to Applicant: On a separate sheet, describe how your project will meet or address the various concerns listed below, as well as any other relevant information about the project. Project prioritization will depend primarily on the information provided.

Project Applicant: City of Oak Harbor
Project Name: NE 7th Avenue Improvement Project
STP-R Funds Requested: \$242,200

- | | | |
|----------|---|--------------------|
| 1 | BETTER USE OF EXISTING FACILITIES | 25 pts Max. |
| | <ul style="list-style-type: none">• Maximizes people-moving and freight-carrying efficiency• Improves level of service and/or capacity• Provides system continuity• Establishes or preserves right of way corridors• Enhances economic development through the movement of people and goods | |
| 2 | COORDINATION OF TRANSPORTATION MODES | 20 pts Max. |
| | <ul style="list-style-type: none">• Incorporates multiple modes into a single project | |
| 3 | ENVIRONMENTAL CONSIDERATIONS | 10 pts Max. |
| | <ul style="list-style-type: none">• Improves air quality or noise reductions• Provides ample mitigations to impacts to environment• Provides scenic or historical enhancements | |

- Enhances healthy communities

4 LOCAL COMPREHENSIVE PLAN, REGIONAL TRANSPORTATION PLAN, AND WHIDBEY SCENIC ISLE WAY CORRIDOR MANAGEMENT PLAN CONSISTENCY. 10 pts Max

5 SAFETY ENHANCEMENTS 20 pts Max

- Incorporates safety features to protect the traveling public

6 MULTIPLE PARTICIPATION 15 pts Max.

- Maximizes allocations with other funds
- Participation of other agencies/private partnerships
- Greater than required match

Additional Information

Please provide the following additional information regarding your STP project

1. Status:

- a) Fulfills the recommendation of 2016 Oak Harbor Transportation Plan Plan.
- b) Is the project listed in the current six year TIP? X Yes No
- c) Project timeline: 2017 start date 2020 completion date
- d) Phased Project?: Yes X No

2. Project Cost Estimates:

- a) PE costs: \$721,400 Percent of P.E. completion: 0 %
- b) Right of way costs: \$530,000
- c) Construction costs: (Includes construction engineering) \$2,854,500
- d) Planning costs:
- e) Total project cost: \$4,676,800
- f) Date cost estimates prepared: 4/2016
- g) Source of information for developing cost estimates: Similar projects in Oak Harbor
- h) Source of matching funds: Arterial Street Funds Funds approved? No
- i) Biological Assessment (BA): Pending

3. Site Evaluation:

- a) Soil type: (Soil Conservation Map) Loam
- b) Wetlands on site or vicinity? Yes
- c) Known archaeological sites in project vicinity? No
- d) Steep and/or unstable slopes on project site? No
- e) List known protected or endangered species living on or near project site. None Known
- f) Will a drainage plan be required? Yes
- g) Is project located in a flood hazard area? No
- h) Is the project subject to Section 4(F) or Section 106? Yes

4. Right of Way Acquisition:

- a) Describe right of way or easements that have been obtained.
Existing Right-of-way width varies between 50 and 60 feet wide through the project.
- b) Describe necessary right of way or easements that have not been finalized.
Additional Right-of-way is sought to provide a consistent width of 60 ft through the project.
The total additional Right-of-Way area necessary is approximately 0.21 acres.

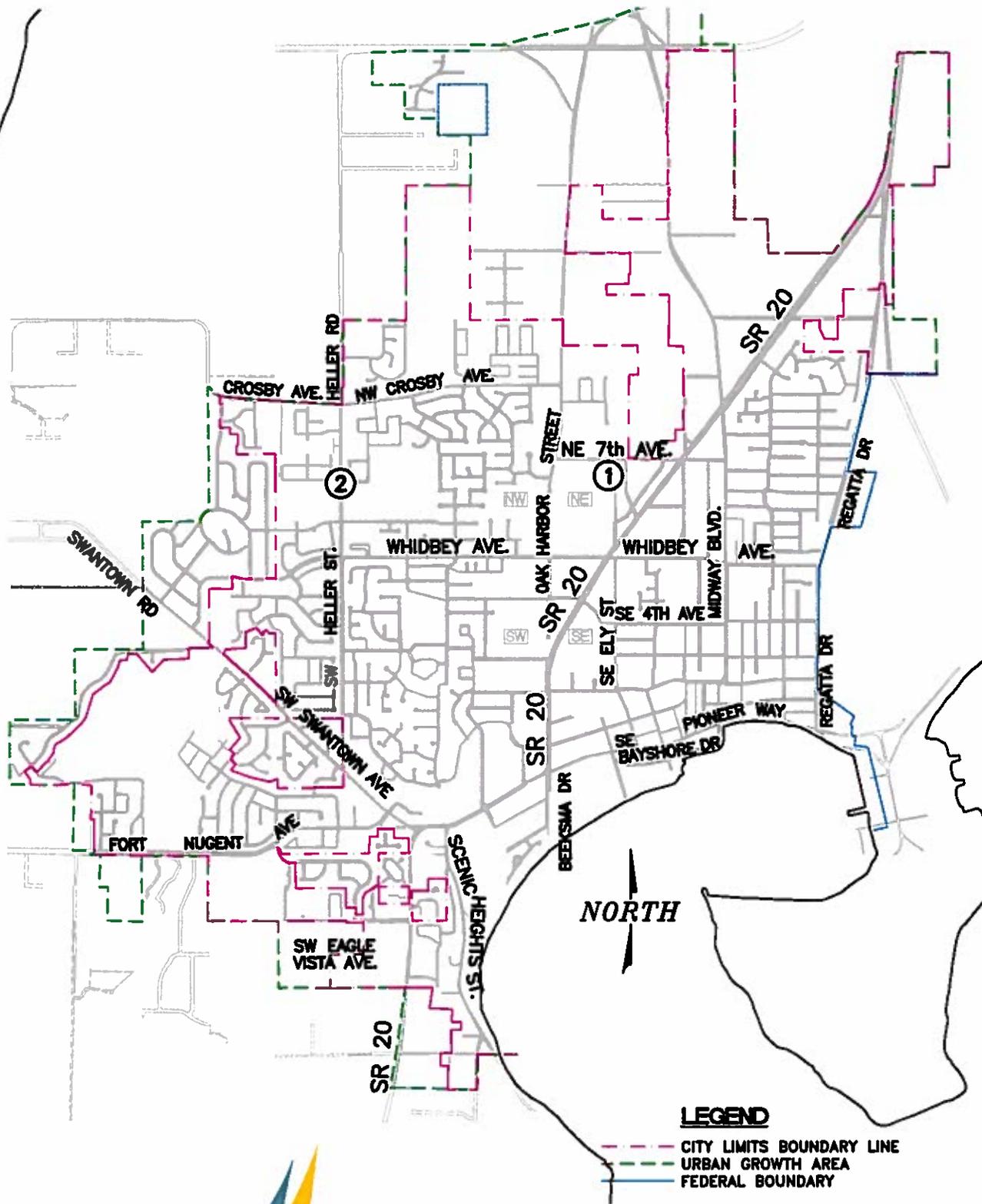
5. Indicate known significant public support or opposition:

There wide community support for this project. This project was designated as the highest priority transportation project by attendees of two transportation planning public open houses.

6. Explain how project complies with the American's with Disabilities Act.

All pedestrian and transit facilities incorporated into this project will be constructed in accordance with the applicable sections of the American's with Disabilities Act. Particular attention will be given to curb ramps, sidewalk cross-slope and pedestrian push buttons.

<i>For ITPO Technical Committee Use Only</i>
Project on-site inspection conducted on _____ by _____
WSDOT project review team analysis completed on _____



SIX YEAR TRANSPORTATION IMPROVEMENT PLAN 2017-2022

Capital Facilities

The following is a listing of capital facility projects that have been identified in various adopted City plans. Some of these projects are needed within the six year planning timeframe to enable the City to meet Comprehensive Plan goals, LOS or to further a sub-area plan or strategy. Others are needed outside of that time frame, but within the twenty-year planning horizon. For detailed information on these projects, see Appendix C.

Capital Improvement Plan 2017-2022

Table 4.3. Streets (Non-Enterprise Funded)

Projects	Total Project Costs	2017	2018	2019	2020	2021	2022
Pavement Maintenance	\$3,200,000	\$500,000	\$500,000	\$550,000	\$550,000	\$550,000	\$550,000
Whidbey Avenue Crosswalk	\$224,500	\$224,500					
NE 7th Avenue	4,700,000	0	4,700,000	0	0	0	0
Capital Project Expenditures	\$8,124,500	\$724,500	\$5,200,000	\$550,000	\$550,000	\$550,000	\$550,000
Revenue Sources	6-Year Total	2017	2018	2019	2020	2021	2022
Contributions from Beginning Fund Balance:							
Streets (Fund 101)	\$1,964,916	\$378,810	\$586,106	\$250,000	\$250,000	\$250,000	\$250,000
Arterials (Fund 104)	300,000	0	0	100,000	100,000	100,000	100,000
Transportation Capital Improvements (Fund 105)	800,000	0	0	200,000	200,000	200,000	200,000
Transportation Impact Fees	221,984	35,190	35,894	36,612	37,344	38,091	38,853
REET 1 (50% of annual)	750,000	125,000	125,000	125,000	125,000	125,000	125,000
REET 2 (50% of annual)	750,000	125,000	125,000	125,000	125,000	125,000	125,000
Motor Vehicle Fuel Tax: Non-operating	150,000	25,000	25,000	25,000	25,000	25,000	25,000
General Fund	0	0	0	0	0	0	0
Grants	4,313,500	224,500	4,089,000	0	0	0	0
Other City Funds	611,000	0	611,000	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0
Total Available Revenue	\$9,861,400	\$913,500	\$5,597,000	\$861,612	\$862,344	\$863,091	\$863,853
Total Revenues less Total Capital Expenditures	\$1,736,900	\$189,000	\$397,000	\$311,612	\$312,344	\$313,091	\$313,853

Notes

1. Revised project list based on new Transportation Plan
2. NE 7th Avenue is a grant funded project (87%)

Six Year Transportation Improvement Program From 2017 to 2022

Agency: Oak Harbor
 County: Island
 MPOR/TPO: Island

N Inside

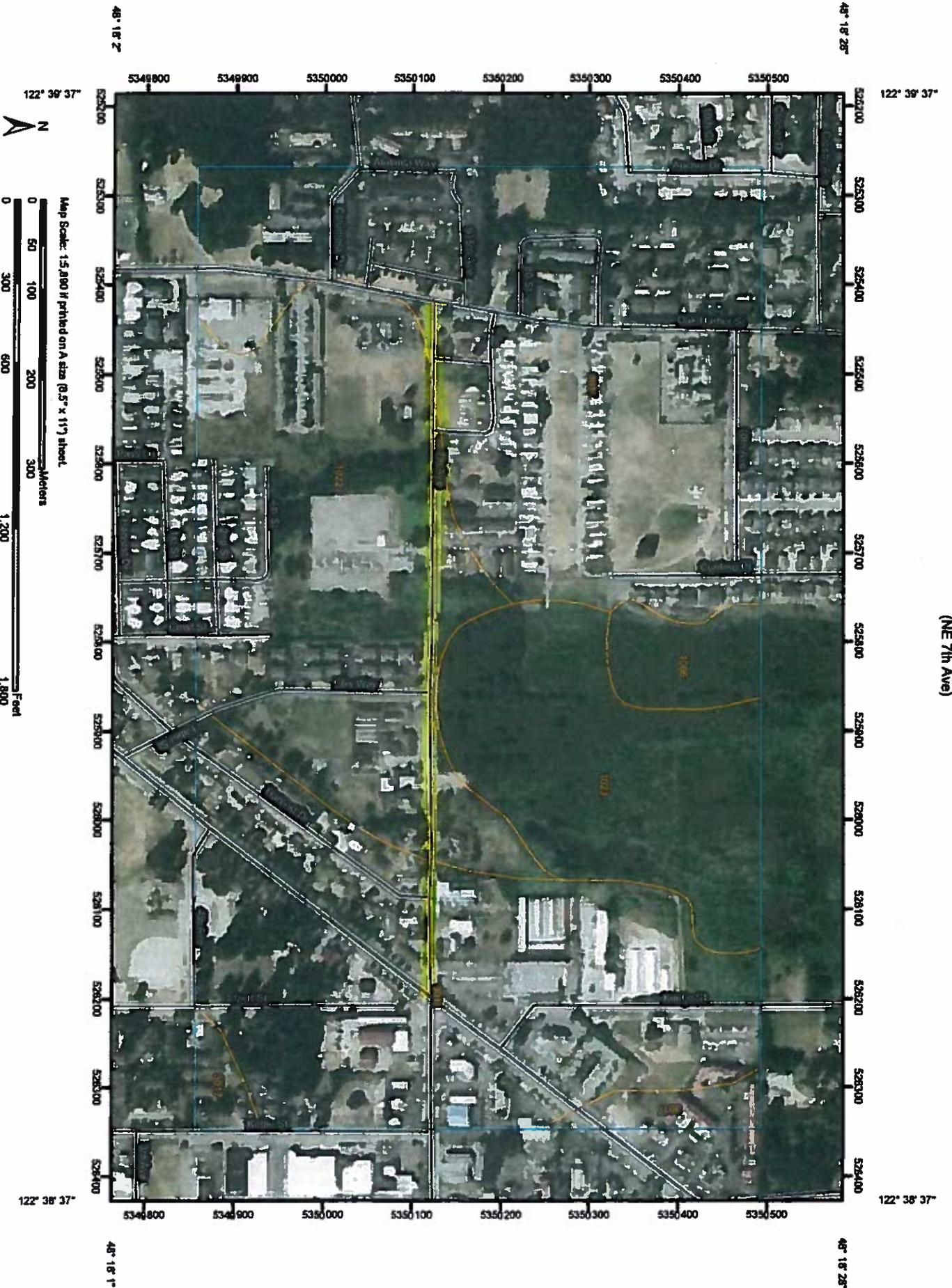
Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Terminal F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Improvement Type	Utility Codes	Total Length	Environmental Type	RW Required
17	1	NE 7th Ave. Reconstruction NE 7th Ave. N. Oak Harbor SL to SR-20 Street reconstruction, non-motorized facilities, & illumination	WA-08192					03	C.G.O.P.S TW	0.480	CE	Yes

Funding Status	Phase	Phase Start Year (YYYY)	Federal Fund Code				State Fund Code	State Funds	Local Funds	Total Funds
			STP(R)	STP(R)	STP(R)	STP(R)				
P	PE	2017	65,322			TIB	39,440	18,487	123,249	
P	PE	2018	195,966			TIB	118,319	55,462	369,747	
P	RW	2019	319,956			TIB	193,182	90,554	603,694	
P	CN	2020	1,897,450			TIB	1,145,631	537,015	3,580,096	
		Totals	2,478,696				1,496,572	701,518	4,676,786	

Expenditure Schedule Phase	Phase Start Year (YYYY)				
	1st	2nd	3rd	4th	5th & 6th
PE	0	123,249	369,747	0	0
RW	0	0	0	603,694	0
CN	0	0	0	0	3,580,096
Totals	0	123,249	369,747	603,694	3,580,096

Soil Map—Island County, Washington
(NE 7th Ave)



MAP LEGEND

 Area of Interest (AOI)	 Story Spot
 Area of Interest (AOI)	 Very Story Spot
 Soils	 Wet Spot
 Soil Survey Areas	 Other
 Soil Map Units	 Other
 Special Point Features	 Gully
 Blowout	 Short Steep Slope
 Borrow Pit	 Other
 Clay Spot	 Political Features
 Closed Depression	 Cities
 Gravel Pit	 Water Features
 Gravelly Spot	 Water
 Landfill	 Streams and Canals
 Lava Flow	 Transportation
 Marsh or swamp	 Rates
 Mine or Quarry	 Interstate Highways
 Miscellaneous Water	 US Routes
 Perennial Water	 Major Roads
 Rock Outcrop	 Local Roads
 Saline Spot	
 Sandy Spot	
 Severely Eroded Spot	
 Sinkhole	
 Slide or Slip	
 Sodic Spot	
 Spoil Area	

MAP INFORMATION

Map Scale: 1:5,890 if printed on A size (8.5" x 11") sheet.
The soil surveys that comprise your AOI were mapped at 1:12,000.

Warning: Soil Map may not be valid at this scale.
Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
Coordinate System: UTM Zone 10N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Island County, Washington
Survey Area Data: Version 10, Jun 28, 2012

Date(s) aerial images were photographed: 7/21/2006

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Island County, Washington (WA029)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
1006	Semiahmoo muck, 0 to 2 percent slopes	4.5	2.6%
X 1022	Coveland loam, cool, 0 to 5 percent slopes	40.1	23.6%
1023	Coupeville loam, 0 to 3 percent slopes	21.9	12.9%
X 3011	Everett-Alderwood complex, 0 to 5 percent slopes	45.1	26.6%
X 3017	Everett-Alderwood complex, 3 to 15 percent slopes	58.2	34.3%
Totals for Area of Interest		169.8	100.0%

Roadway Classification

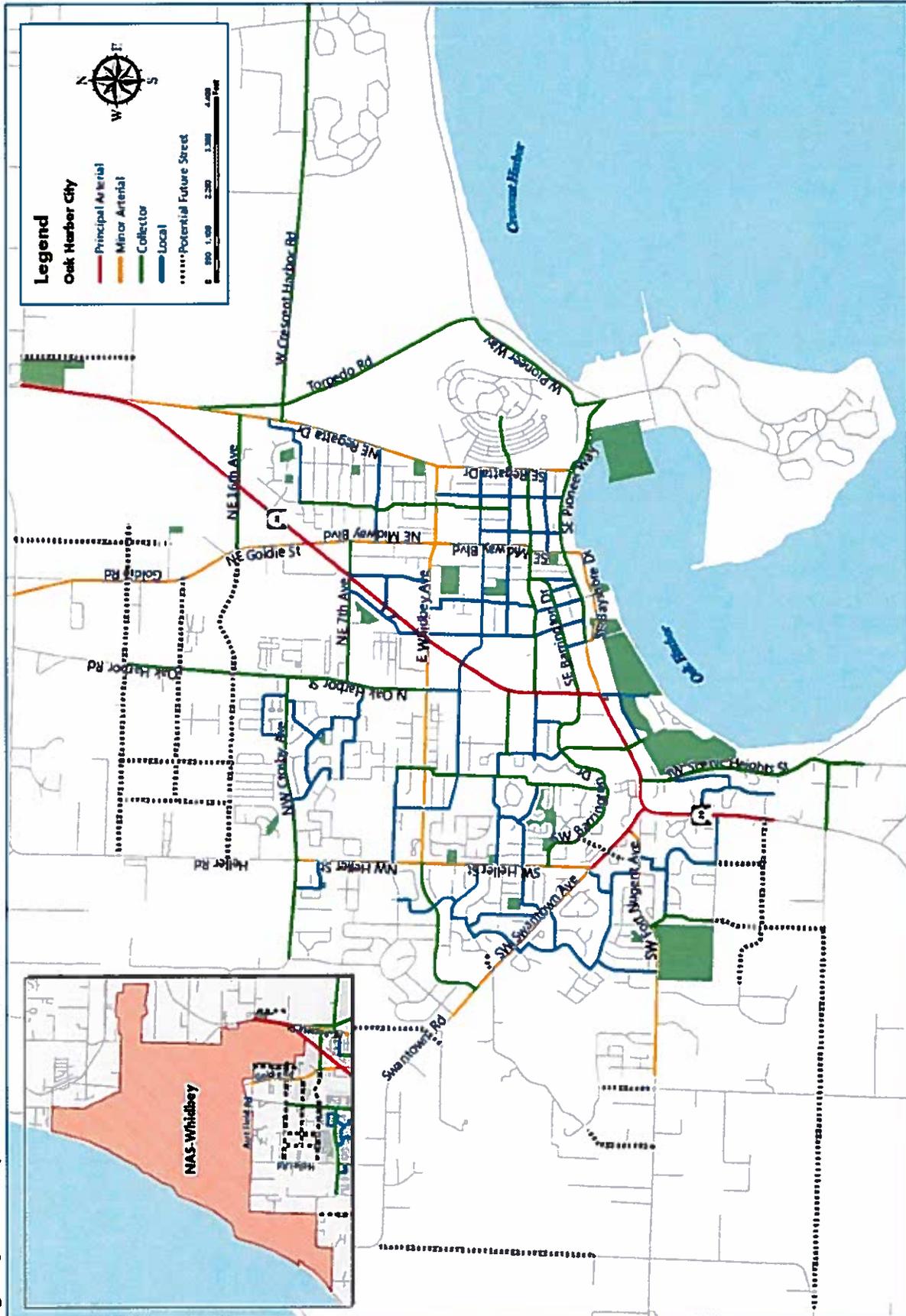


Figure 3. Roadway Functional Classifications

Pedestrian Priority Network

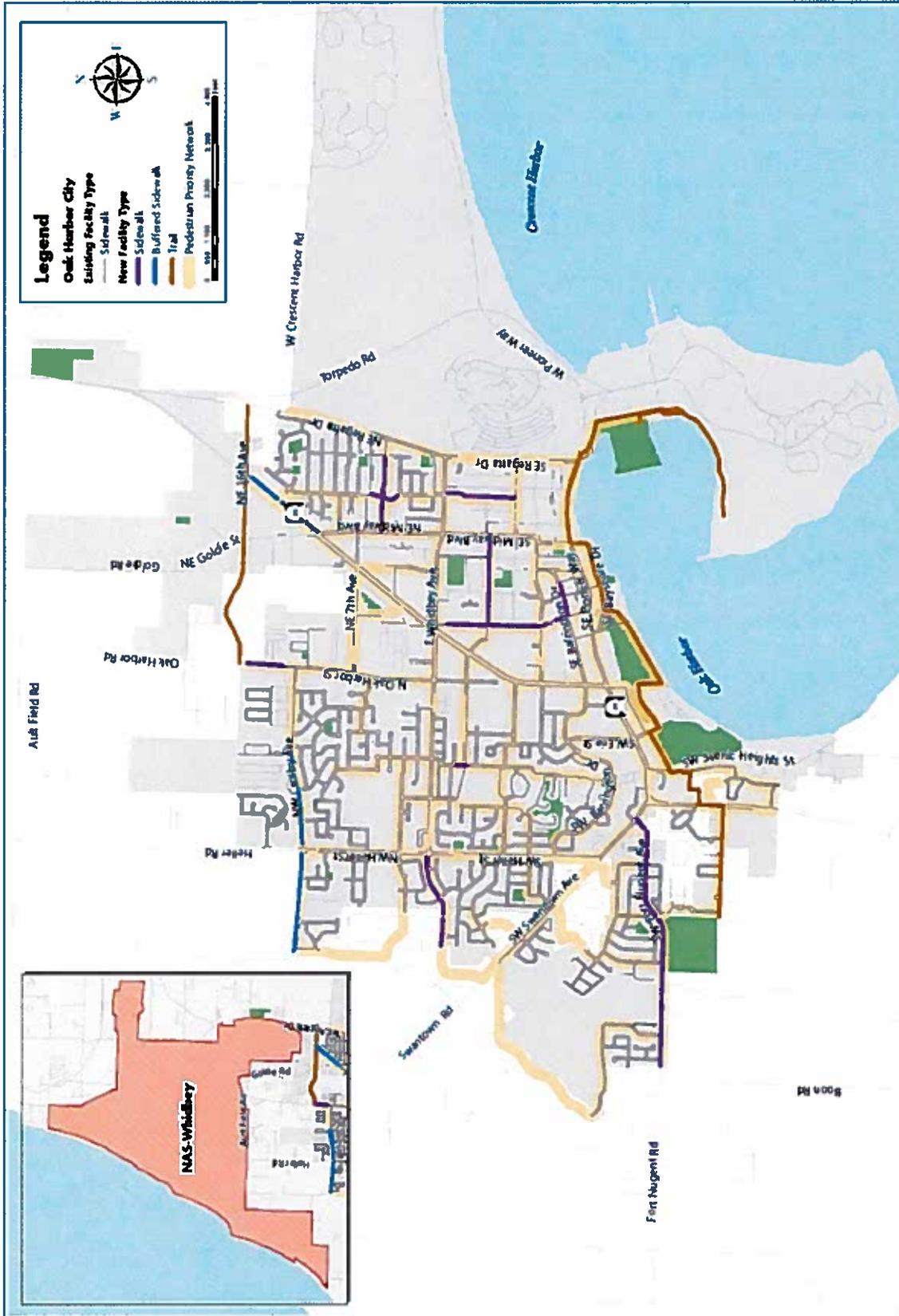


Figure 14. Pedestrian Priority Network

