NEWPORT TRANSPORTATION SYSTEM PLAN*

This Transportation System Plan (TSP) describes the individual elements that make up the transportation system for the City of Newport. Plus, the TSP represents recommended project improvements and goals and policies towards establishing a coordinated multi-modal transportation network for the City of Newport intended to comply with Statewide Planning Goal 12 and the Transportation Planning Rule.

The complete TSP describes in detail the various components of a transportation system, makes a complete analysis of those various components, and describes the process used to develop the plan. The current Transportation System Plan was completed in 1997 and adopted in 1999. Several updates to the plan were adopted, including major updates in 2008 and 2012. By this reference, the complete TSP as amended by Ordinance No. 1963 is incorporated herein. Where the text references "TSP," the reference is to the TSP as amended unless otherwise noted.

However, the complete plan, including the updates, contains more information than most individuals want to sort through when looking for guidance on how future decisions should be made to implement the plan. This section will therefore summarize the projects contained in the TSP and the goals and policies needed to assure compliance. Persons interested in obtaining a more thorough understanding of the reasoning for the projects, goals, and policies should review the full TSP documentation referenced in Policy 1, Goal 1 of this chapter.

Transportation System Plans for Each Mode

The TSP places a strong emphasis on the preservation and improved operation of the US 20 and US 101 corridors. The City of Newport views US 101 and US 20 as the most important arterials in the multi-modal transportation network and likewise recognizes the importance of these facilities as statewide facilities per the Oregon Highway Plan. In implementation of the City's Comprehensive Plan and the associated Transportation System Plan, the City will strive to maintain the function of these facilities to meet their statewide as well as regional needs.

The Transportation System Plan comprises all the improvements in the Middle Alternative, as developed during the TSP process. The Middle Alternative has been identified as the preferred alternative, which includes transportation improvements that support the identified goals and objectives and the adopted and acknowledged Comprehensive Plan. The following describes the recommended projects for each mode contained in the preferred alternative. For further specifics on the projects, refer to the complete Transportation System Plan.

The TSP was amended in 2008 to add a North Side Local Street Plan to support commercial development and redevelopment activity within the area bounded by 12th Street on the north, John Moore/Harney Drive on the east, the Pacific Ocean on the west, and the Yaquina Bay on the south. The 2008 amendment included a more comprehensive Pedestrian and

Bicycle Plan for the entire City. In February of 2010 a refinement plan was prepared for the South Beach Peninsula to identify transportation and related improvements to SE Marine Science Drive, SE Ferry Slip Road, SE Pacific Way, SE 25th Street and SW Abalone Street, needed to support marine research and industrial development anchored by the new NOAA pacific marine operations center. The TSP was last amended in 2012 to address needed system improvements south of the Yaquina Bay Bridge in Newport's South Beach Area, including an infrastructure refinement plan for the Coho / Brant neighborhood situated west of Highway 101 and north of SW 35th Street.

*Added by Ordinance No. 1802 (1-4-99); Amended by Ordinance No. 1963 (8-18-08) and Ordinance No. 2045 (11-5-12).

The City has concentrated recent efforts on addressing transportation and land use issues in the South Beach area (south of the Yaquina Bay Bridge) where a significant amount of the City's new development is anticipated. A combination of anticipated 2030 levels of land development in South Beach and increasing background traffic volumes along US 101 will result in greater congestion levels, particularly during the summertime peak. However, traffic growth is likely to be high enough that other times of the year will also experience significant congestion. The City has an adopted South Beach Urban Renewal Plan that includes street improvements which will be critical new components of the system. However, due to limited State transportation funding for bridge improvement or replacement, the capacity of the Yaquina Bay Bridge is expected to continue to be the major constraint in the operation of the transportation system south of the bridge. Because of this, the City and ODOT worked together to identify a transportation system and management strategy that will support future growth in South Beach, one that includes alternative mobility standards for US 101, strategic improvements to the state highway, and a variety of improvements to both the local roadway system and the pedestrian and bicycle system. The improvements are discussed further in the *Transportation Planning in South Beach* section. The local and state actions and improvements that are identified for South Beach constitute the reasonable limits of what can be done to improve congestion on US 101, short of building more capacity into the Yaquina Bay Bridge. The City is committed to finding long-term solutions sufficient to address the existing capacity and structural limitations of the existing structure that affect the bridge's ability to carry vehicles and pedestrians. To this end, the City will continue to engage ODOT, Lincoln County, and its other regional partners in conversations regarding future project planning and funding that would lead to improvements to, and possibly replacement of, the Yaquina Bay Bridge.

Roadway Improvements

The roadway improvements include new roadway construction for extensions and improvements to existing facilities as well as the development of new facilities. The recommended roadway improvements are listed in Table 1 and are discussed in more detail in the Transportation System Plan. Table 1 identifies project location, description and priority for projects in the local roadway system. As indicated by headings in Table 1, the projects listed are identified by the 1997 TSP, as well as updates to this plan in 2008 and 2012. All project cost estimates are shown in 2012 dollars; cost estimates for projects from the 1997 TSP (and 2008 update) have been adjusted for projects that have been altered or partially implemented. Costs for projects yet to be implemented have been adjusted to account for inflation.

Table 1: Roadway Improvement Projects

Project Description	Functional Class	Sidewalks	Bicycle Lanes	Priority	Estimated Cost ($2012)	*Source*
New Roadway Projects or Extensions						
NE Harney Street between NE 3rd and Hwy 20	Minor Arterial	Yes	Yes	High	$824,000	*2012 Cost Estimate*
North-South Arterial – Phase IB (between NE 7th St and NE 32nd St) From 1997 TSP	Minor Arterial	No	No	Medium	$3,720,000	*1997 TSP*
Extend NW Nye St to Ocean View Dr From 1997 TSP	Minor Arterial	Yes	Yes	High	$240,000	*1997 TSP*
Connect SE 1st St (between SE Douglas and SE Fogarty)	Local	Yes	Yes (one side)	Low	$250,000	*1997 TSP*
Extend NE Avery St (between NE 71st St and NE 73rd St	Local	Yes	No	Low	$369,000	*2012 Cost Estimate*
Extend SW Abbey St to SW Elizabeth St	Collector	Yes	No	Medium	$141,000	*2012 Cost Estimate*
Extend NE 5th St (between NE 7th Dr and Newport Heights Rd	Local	No	No	Low	$1,680,000	*2012 Cost Estimate*
Extend NW Biggs to NW 60th St and Extend NW 60th St to US 101	Collector	Yes	No	Low	$102,000	*1997 TSP/1995 Cost Estimate*
Extend NW Harney Dr (between US 101 and Ocean View Dr)	Collector	Yes	Yes	Medium	$452,000	*1997 TSP/ 1995 Cost Estimate*
Extend SW Abalone from SW 29th Street to SW 35th Street/US 101	Collector	Yes	Yes	High	$2,315,000	*2012 Coho / Brant Plan*
Ash Street at SE 40th Street, extend to approx. 1,200 feet south	Collector	Yes	Yes	Medium	$1,473,000	*2012 SB TSP update*
New SE 50th Street segment extending from existing road to South Beach State Park entrance	Collector	Yes	Yes	Low	$1,565,000	*2012 SB TSP update*

Project Description	Functional Class	Sidewalks	Bicycle Lanes	Priority	Estimated Cost ($2012)	*Source*
New road from SE 50th Street to SE 62nd Street at US 101	Collector	Yes	Yes	Low	$5,017,000	*2012 SB TSP update*
Extend SW 28th Street south from SW 27th Street to connect with SW Brant Street	Local	Yes	No	Low	$554,000	*2012 Coho / Brant Plan*
Construct SW 35th street from US 101 to SE Ferry Slip Rd	Collector	Yes	Yes	Medium	$653,000	*2012 Coho / Brant Plan*
Improvements to Existing Roadways						
Reconstruct NE 3rd St (between NE Eads St and NE Harney Dr)	Local	Yes	No	Medium	$243,000	*1997 TSP*
Extension of 60th east of Highway 101 to connect with Hazel Ct and the improvement of hazel down to NE 57th Street	Collector	Yes	No	Low	$94,000	*1997 TSP*
Widen US 101 to five lanes (NE NE 31st Street to North City Limits)	Principal Arterial	Yes	Yes	Low	$13,000,000	*1997 TSP*
Widen US 20 to five lanes (John Moore Rd to US 101)	Principal Arterial	Yes	Yes	Medium	$1,730,000	*1997 TSP*
Add travel lanes on US 101 from Yaquina Bay Bridge to SE 32nd Street and restrict westbound movements at Pacific Way to emergency and transit vehicles only.	Principal Arterial	Yes	Yes	Medium	$659,000	*2012 SB TSP update*
Add travel lanes on US 101 from SE 40th Street to South Beach State Park/New SW 50th Street	Principal Arterial	Yes	Yes	Low	$1,602,000	*2012 SB TSP update*
Add travel lanes on US 101 from New SE 50th Street to SW 62nd Street	Principal Arterial	Yes	Yes	Low	$799,000	*2012 SB TSP update*
Widen and pave SE Ash Street from Ferry Slip to SE 40th	Collector	Yes	Yes	High	$506,000	*2012 SB TSP update*
Add eastbound through lane to receive traffic from second southbound through lane at SE 40th and US 101	Collector	No.	No.	Medium	$161,000	*2012 SB TSP update*
Widen SE Ferry Slip to three lane section from SE Marine Science Dr to SE 29th St	Minor Arterial	Yes	Yes	Medium	$547,000	*2010 SB Peninsula Plan*

Project Description	Functional Class	Sidewalks	Bicycle Lanes	Priority	Estimated Cost ($2012)	*Source*
Widen and pave SW 27th St from SW Brant St to SW Abalone St	Local	Yes	No	High	$145,000	*2012 Coho / Brant Plan*
Widen and pave SW 27th St from SW Coho St to existing improvements	Local	Yes	No	Low	$101,000	*2012 Coho / Brant Plan*
Widen and pave SW 28th St from Brant to Abalone slope (with pedestrian. stairs down embankment)	Local	No	No	Low	$303,000	*2012 Coho / Brant Plan*
Widen and pave SW 29th St from SW Coho St to SW Brant St	Local	No	No	Low	$229,000	*2012 Coho / Brant Plan*
Widen and pave SW 30th from SW Brant St to SW Abalone St	Local	Yes	Yes	High	$311,000	*2012 Coho / Brant Plan*
Widen and pave SW Coho St from SW 29th St to SW 30th St	Local	Yes	Yes	Low	$186,000	*2012 Coho / Brant Plan*
Widen and pave SW Brant St from SW 27th to SW 30th St	Local	Yes	No	High	$707,000	*2012 Coho / Brant Plan*
North Side Local Street Plan Street and Roadway Projects						
Improve to 2-lane NE Benton Street from NE 8th Street to NE 10th Street	Local	Yes	No	High	$316,000	*2008 North Side TSP update*
SW 9th St/ NE Benton St Connectivity Enhancement; Pedestrian xing and signage improvements from Abbey to NE 11th to facilitate corridor as a local parallel route to US 101 and access between US 20 and the bay front. Consider all way stop at 9th/Hurbert.	Local			High	$34,000	*2008 North Side TSP update*
Improve to 3-lane urban standard NE 1st Street from US 101 to US 20 to provide westbound-to-northbound bypass of US 101 and US 20 intersection.	Local	Yes	Yes	High	$557,000	*2008 North Side TSP update*

Project Description	Functional Class	Sidewalks	Bicycle Lanes	Priority	Estimated Cost ($2012)	*Source*
Improve to 2-lane urban standard SW Neff Street from US 101 to SW 2nd Street to add system connectivity.	Local	Yes	Yes	High	$515,000	*2008 North Side TSP update*
Improve to 2-lane urban standard SW 7th Street from SW 2nd Street to SW Elizabeth Street to add system connectivity.	Collector	Yes	Yes	Low	$19,200,000	*2008 North Side TSP update*
Alternative Port Access Road Improvements; Evaluate improvements to SE Benson Road and/or SE John Moore Drive to improve access to waterfront area	Collector (Benson) Arterial (John Moore)			Medium/ Low	Planning study needed to determine alignment and cost	*2008 North Side TSP update*

Transportation System Management/New Traffic Signals

Transportation System Management is a traffic control tool that attempts to maximize the efficiency of the existing transportation system without additional roadway capacity. TSM projects can be characterized as being low-capital cost alternatives that can be implemented in a relatively short time frame and that aim to make better use of existing facilities, either by operational changes or by better traffic management.

There are several TSM projects that have been recommended for implementation in Newport. These projects are listed in Table 2 below. Table 2 identifies project location, description and priority for TSM projects in the local roadway system. As indicated by headings in Table 2, the projects listed are identified by the 1997 TSP, as well as updates to this plan in 2008, 2010 and 2012. All project cost estimates are shown in 2012 dollars; cost estimates for projects from the 1997 TSP (and 2008 update) have been adjusted to account for inflation.

Table 2: Transportation Management System (TSM) Improvement Projects

Location/ Limits	Project Description	Priority	Estimated Cost ($ 2012)	*Source*
TSM Improvement Projects – City-wide				
US 101 Revisions (between OR 20 and Yaquina Bay Bridge)	Removal of on-street parking, no bike lanes, left turns only at Bayley, Abbey, Hurbert, Angle, and Olive	High	$31,000	*1997 TSP*
US 101/NE Avery Street	Access management modification (right-in, right-out only)	High	$18,000	*1997 TSP*
John Moore Rd at SE Bay Blvd	Provide realignment and channelization	High	$51,000	*1997 TSP*
US 101 to Cape	Provide island and channelization	High	$7,500	*1997 TSP*
Naterlin at US 101 (Yaquina Bay Bridge)	Provide realignment and channelization	High	$45,000	*1997 TSP*
NE 52nd St Area Improvements	Improve NE Lucky Gap between NE 52nd St and NE 54th St; provide access from Longview Hills to NE 52nd St	Medium	$1,000,000	*1997 TSP*
NW 56th St Improvement Area	Eliminate Old Hwy Loop between NW 55th St and NW 58th St; extend NW 56th St to US 101; improve NW Gladys St between NW 56th St and NW 60th St as a frontage road	High	$545,000	*1997 TSP*
US 101	Surface Parking Lots for 101 Business: Construct surface parking lots to supplement parking removed from 101 restriping	Medium	$270,000	*1997 TSP*
Abbey St	Construct a new parking structure on Abbey St parking lot (4 levels with top level open); include bike racks; restripe Bay Blvd to accommodate parallel parking south of Fall St to Naterlin Dr	Low	$3,975,000	*1997 TSP*
NE 57th St	Eliminate US 101 access; cul-de-sac NE 57th St on its western terminus; connect NE Hazel Ct to NE 60th St	Medium	$270,000	*1997 TSP*
SW 2nd St between US 101 and SW Angle St	Close SW 2nd St between US 101 and SW Angle St (to be completed as part of signalization project at US 101 and Angle St)	Low	$45,000	*1997 TSP*
US 101 and Hurbert St	Signal improvements to provide for left turns	High	$270,000	*1997 TSP*
US 101/OR 20	Signal revisions/improvements; realign E Olive St	High	$1,120,000	*1997 TSP*

Location/ Limits	Project Description	Priority	Estimated Cost ($ 2012)	*Source*
US 101 at NW 11th Street	Realign intersection to eliminate slight off-set. Consider need for additional east/west turning lanes and/or signalization improvements.	High	$570,000 ROW needed	*2008 North Side TSP update*
US 101 at NW 6th Street	Realign intersection to eliminate off-set. Consider need for added east/west turning lanes and/or improved signal to address congestion problem.	High	$730,000 ROW needed	*2008 North Side TSP update*
North Side Local Street Plan TSM Improvement Projects				
US 101, US 20 north to NW 12th Street	Evaluate opportunities for driveway and/or minor street closures or consolidation.	High	As redevelopment occurs.	*2008 North Side TSP update*
US 101 at US 20	Add 2nd southbound left turn lane. Widen eastbound US 20 to receive 2 lanes of traffic, transition to one lane east of US 101.	High	$885,000 ROW needed	*2008 North Side TSP update*
US 20 at NE Coos Street	Add signal and improve intersection to encourage north/ south local street alternative to US 101. Signal could help relieve congestion at NE Eads.	High	$605,000	*2008 North Side TSP update*
US 20 at SE John Moore Drive	Add north/south left turn lanes and adapt signal phase. Combine northbound right/through lanes.	Medium	$220,000	*2008 North Side TSP update*
SW Hatfield Drive at SW Bay Boulevard	Stripe separate right and left turn lanes, add crosswalk and no parking designation on Hatfield Dr. Add curb extensions on Bay Blvd. to facilitate pedestrian crossing.	High	$52,000	*2008 North Side TSP update*
SW 2nd Street, SW Coast Street to SW Lee Street	Realign intersections of SW Lee Street, SW Hurbert Street, SW High Street and SW Coast Street to eliminate off-sets.	Medium	$805,000 ROW needed	*2008 North Side TSP update*
US 101 at Angle Street	Modify 1997 TSP to install traffic signal and left turn lanes on US 101. Remove on-street parking in vicinity of intersection to accommodate added lanes. Consider alternative to retain on-street parking by eliminating lefts on US 101 at Angle and evaluating local connectivity thru refinement plan after installation of signal at US 101/Abbey.	Medium	$600,000	*2008 North Side TSP update*
US 101 at Hurbert Street	Modify 1997 TSP to install left turn lanes on US 101. Remove on-street parking in area of intersection for added lanes. Consider alternative to retain on-street parking by	High	$100,000	*2008 North Side TSP update*

Location/ Limits	Project Description	Priority	Estimated Cost ($ 2012)	*Source*
	eliminating lefts on US 101 at Hurbert and evaluating local connectivity thru refinement plan after installation of signal at US 101/Angle.			
John Moore Drive at Bay Blvd.	Stripe John Moore for separate left and right turns. Modify curb radii to enhance right turns from John Moore onto Bay. Add eastbound left turn lane and pedestrian crossing.	High	$400,000	*2008 North Side TSP update*
Various Locations	Signage Improvements: ▫ Directional signs from US 20 to both John Moore and 9th for Bay Front visitors ▫ Directional signs from Bay Front parking lots and along Bay Blvd to Naterlin for Ocean access ▫ Improve signage to parking on Bay	High	$21,000	*2008 North Side TSP update*
South Beach TSM Improvement Projects				
US 101 at 32nd Street	Remove traffic signal from intersection of US 101 and SE 32nd Street. Convert intersection of US 101 and 32nd Street right in and right out. Add one travel lane in each direction, construct multi-use path on west side with buffer and shoulder. Add shoulder/bike lane and sidewalk on east side of the highway. Acquire right-of-way as needed and institute access management.	High	$787,000 ($190,000 for interim improvements per 2012 Coho/Brant Refinement Plan)	*2012 South Beach TSP update*
US 101 at 35th Street	Widen intersection to add channelization and install traffic signal. Add one travel lane in each direction and construct multi-use path on west side with buffer and shoulder. Add shoulder/bike lane and sidewalk on east side of US 101. Construct 35th Street to connect with US 101 (approx. 600-700 ft.) with multi-use path on north side and sidewalk on south side. Acquire right-of-way as needed and institute access management.	High	$1,935,000 ($1,119,000 for interim improvements per 2012 Coho/Brant Refinement Plan)	*2012 South Beach TSP update*
US 101 at SW 40th Street	Widen intersection to add channelization and install traffic signal. Add one travel lane in each direction and construct multi-use path on west side with buffer and shoulder. Add shoulder/bike lane and sidewalk on the east side of US 101	Medium	$2,624,000	*2012 South Beach TSP update*

Location/ Limits	Project Description	Priority	Estimated Cost ($ 2012)	*Source*
	north of 40th Street and shoulder to the south. Add sidewalks on north side of 40th [cost does not include 2nd EB through lane to receive dual SB lefts from US 101 (see Project #12)]. Acquire right-of-way as needed and institute access management.			
US 101 at South Beach State Park/New SW 50th Street	Construct traffic signal and intersection improvements to add new east leg. Multi-use path with buffer on west side of US 101 and shoulder/bike lanes on both sides. Multi-use path on north side of 50th and sidewalk on south side.	Low	$1,970,000	*2012 South Beach TSP update*
US 101 at SW 62nd Street	Widen intersection to add channelization. Shoulder/bike lanes on both sides of US 101. Multi-use path on west side of US 101 with buffer and north side of 62nd. Sidewalk on south side of 62nd.	Low	$1,054,000	*2012 South Beach TSP update*
SE Ferry Slip Road	Close intersection of US 101 at SE Ferry Slip Road, and overlay and widen roadway from SE 32nd Street to north end of SE Ash Street (~1,100 feet).	High	$144,000	*2012 South Beach TSP update*
SE 40th Steet at US 101 to approx. 500-700 feet east	Add eastbound through lane to receive traffic from second south bound through lane at intersection of 40th Street with US 101	Medium	$154,000	*2012 South Beach TSP update*

New Traffic Signals

It has been identified that as traffic volumes increase, several intersections throughout Newport will require the installation of traffic signals. The cost for each traffic signal is estimated at $500,000, totaling $3.5 million for seven signals. This includes the cost for installation and signal coordination infrastructure but does not include intersection road work.

Listed below are the locations that will likely require new traffic signals or turn lanes, as traffic volumes increase. Intersection road work, such as turn lanes, also may be needed with these traffic signals. New traffic signals on state highways must be authorized by the State Traffic Engineer. These intersections should be monitored to determine the point in time at which signalization is warranted:

- US 101 at Abbey Street (High)
- US 101 at Angle Street (Low)
- US 101 at NE 36th St. (Medium)
- US 101 at NE 73rd St. (Low)
- US 101 at SE 35th Street (High)
- US 101 at SW 40th Street (High)
- US 101 at South Beach State Park/New SW 50th Street (Low)

Transportation modeling shows that traffic flow near the bridge would be improved by relocating the traffic signal at 32nd Street southward to 35th Street. When the planned 35th Street intersection widening is complete and a traffic signal is installed, the traffic signal from the intersection of US 101 and SE 32nd Street will be removed and replaced with a stop sign for motorists approaching US 101 from the side street. In addition, the 32nd Street intersection with US 101 will be limited to right in and right out traffic movements.

Functional Classification System

Streets perform various roles in a community, ranging from carrying large volumes of through traffic to providing direct access to abutting property. These functions are often conflicting, and a hierarchical classification system is needed to determine the appropriate function and purpose of each roadway.

Figures 1 through 3, and Table ~~4~~3 presents the recommended functional classification system plan for the City of Newport. This plan recommends four roadway classifications as follows:

- **Principal Arterials** – These facilities carry the highest volumes of through traffic and primarily function to provide mobility and not access. Principal arterials provide continuity for intercity traffic through the urban area and are usually multi-lane facilities. The only facilities identified as principal arterials are US Highways 101 and 20.

- **Minor Arterials** – These facilities interconnect and augment the principal arterial system and accommodate trips of somewhat shorter length. Such facilities interconnect residential, shopping, employment, and recreational activities within the community.

- **Collector Streets** – These streets provide both land access and movement within residential, commercial, and industrial uses. These streets gather traffic from local roadways and serve as connectors to arterials.

- **Local Streets** – These streets provide land access to residential and other properties within neighborhoods and generally do not intersect any arterial routes. All remaining streets not listed in Table 4 are classified as local streets.

Figure 1: Functional Classification of Roadways – Agate Beach Map

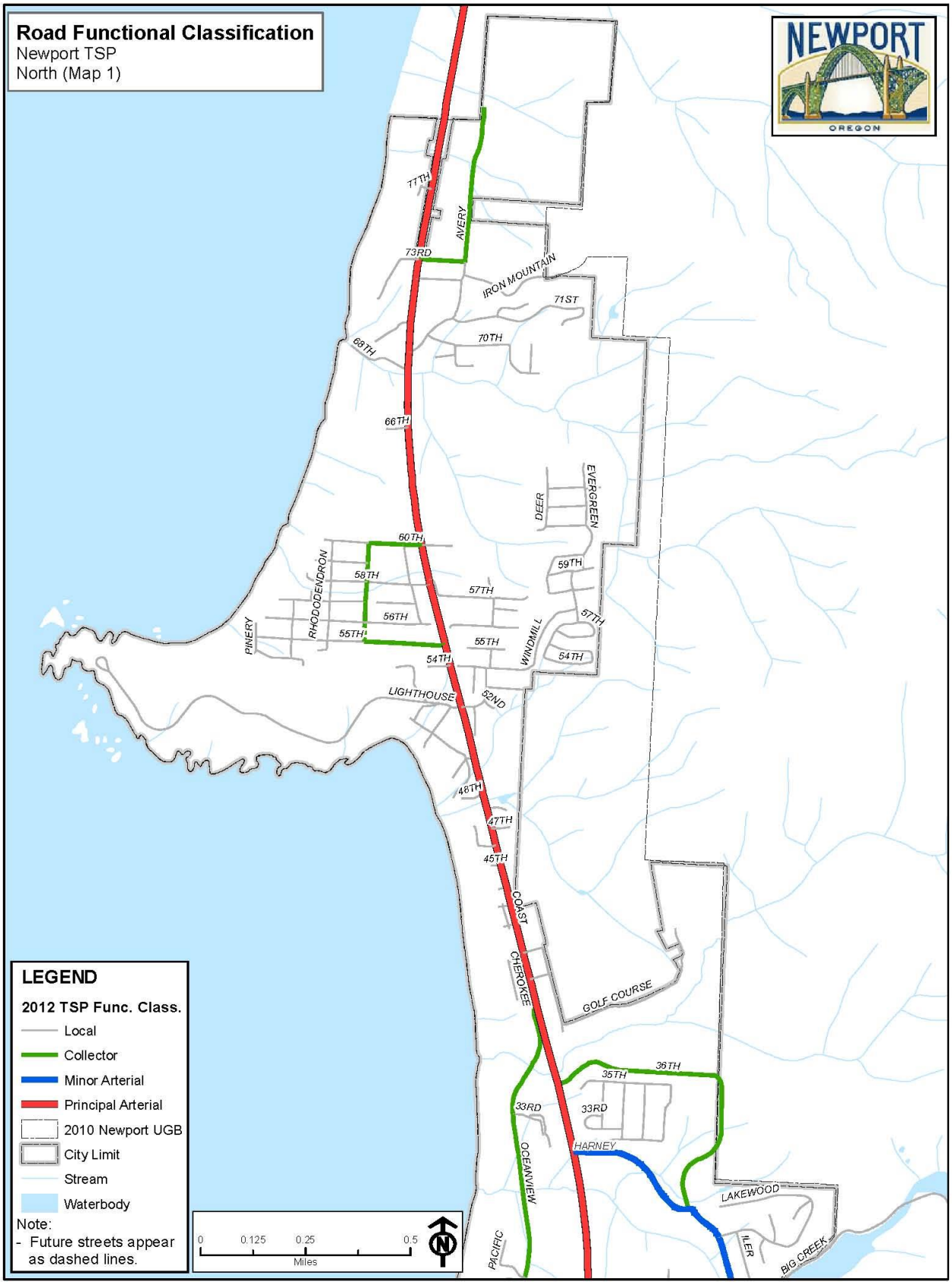

Figure 2: Functional Classification of Roadways – Downtown Map

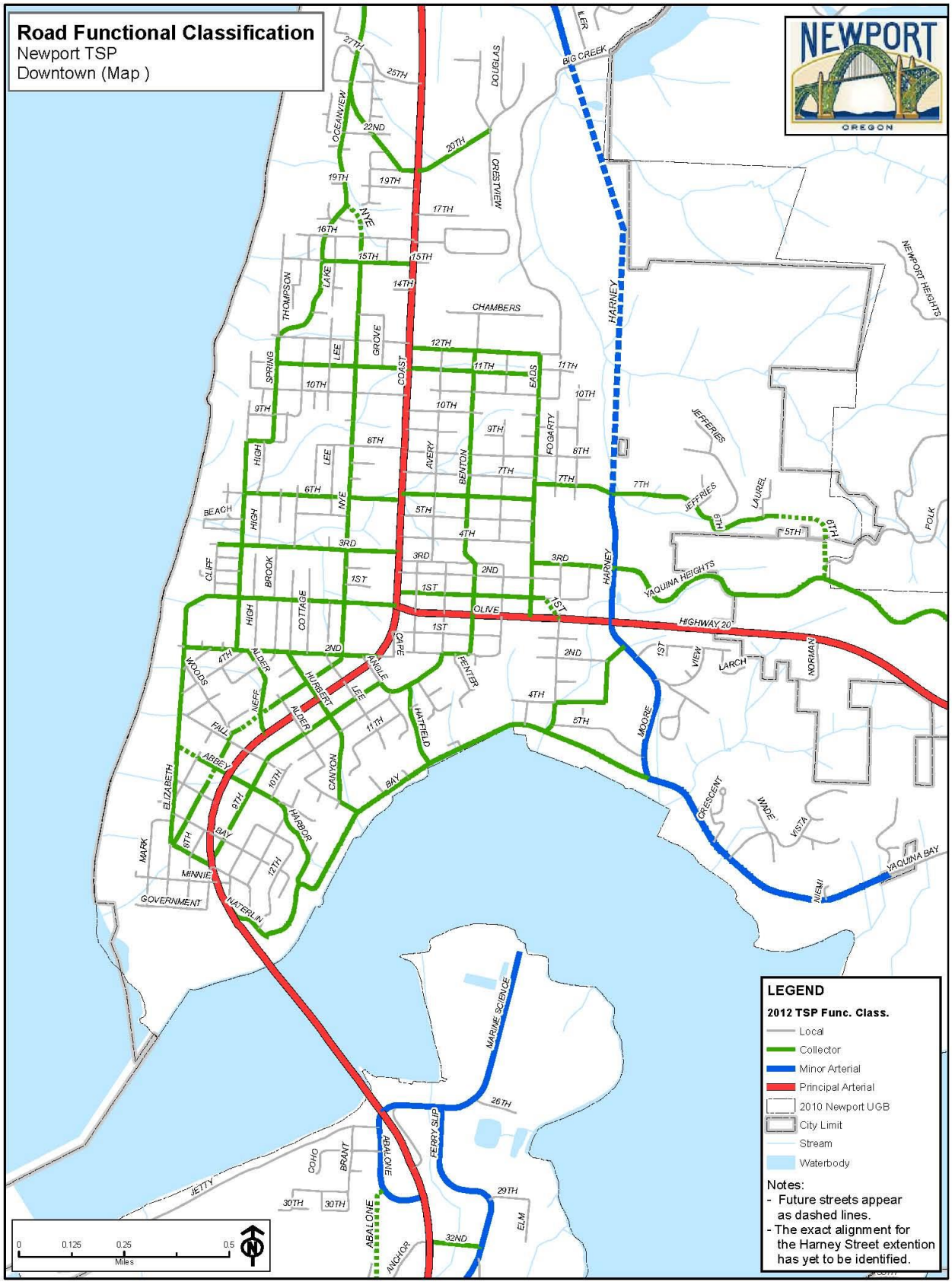

Figure 3: Functional Classification of Roadways – South Beach Map

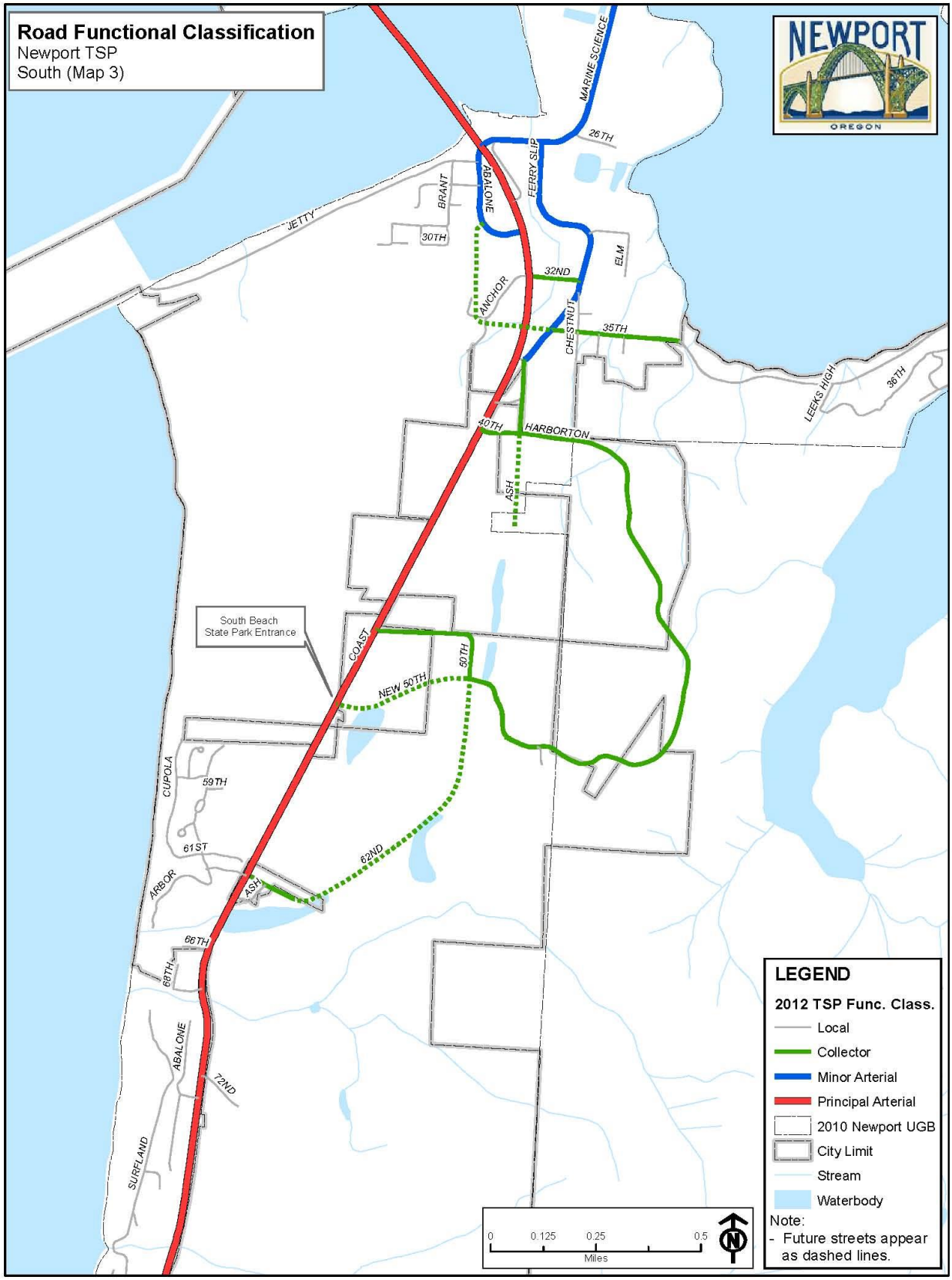

Table 4: Functional Classification of Roadways

Principal Arterials	**Limits**
US Hwy 101	North UGB Limits to South UGB Limits
US Hwy 20	Hwy 101 to East UGB Limits
Minor Arterials	**Limits**
SW Abalone St	Hwy 101 to SE Marine Science Dr
SE Bay Blvd	John Moore Rd to East UGB Limits
SE Ferry Slip Rd	SE Marine Science Dr to SE Ash St
Harney Dr	Hwy 101 to Hwy 20
John Moore Rd	SE Bay Blvd to Hwy 20
North-South Arterial	Harney Dr to Harney Dr
SE Marine Science Dr	SW Abalone St to end of Street
Collectors	**Limits**
SW Abalone St	Stub out at cemetery to SW 35th St
SE Abbey St	Hwy 101 to SW Harbor Way
SW Alder St	SW 2nd St to SW Neff Way
SW Angle St	SW 2nd St to SW 9th St
SE Ash St	SE Ferry Slip to southern terminus
SE Avery St	SE 2nd St to East Olive (Hwy 20)
NE Avery St	NE 73rd to North UGB Limits
SE Bay Blvd	SE John Moore Rd to SW Naterlin Dr
SW Bayley St	SW 7th St to SW 11th St
NE Benton St	NE 3rd St to NE 12th St
SW Canyon Way	SW Hurbert St to SW Fall St
NW Coast St	SW 2nd St to NW 8th St
NE Coos St	NE 3rd St to SE 2nd St
NE Eads St	East Olive (Hwy 20) to NE 12th St
NW Edenview Way	Hwy 101 to NW Ocean View Dr
SW Elizabeth St	SW Bayley St to W Olive St
SW Fall St	SW Canyon Way to SW Bay Blvd
SW Fall St	SW Elizabeth St to Hwy 101
SE Ferry Slip Road	SE Marine Science Dr to SE Ash St
SE Fogarty St	SE Bay Blvd to SE 4th St
SW Harbor Way	SW Abbey St to SW 13th St
SE Harborton St	SE 40th St to SE 50th St
SE Harney Dr	SE 4th St to SE John Moore Rd
SW Hatfield Dr	SW 9th St to SW Bay Blvd
SW Hurbert St	SW 2nd St to SW Canyon Way
SW Naterlin Dr	SW Government St to SW Bay Blvd
SW Neff Way	SW Alder St to Hwy 101
NW Nye St	West Olive St to NW Ocean View Dr
SW Nye St	SW 2nd St to West Olive St
NW Ocean View Dr	NW 12th St to Hwy 101
W Olive St	SW Elizabeth St to Hwy 101
NW Spring St	NW 8th St to NW 12th St
NE Yaquina Heights Rd	NE Harney Dr to Hwy 20
NE 1st St	Hwy 20 to Hwy 101
SE 2nd St	SE Benton St to SE Coos St
SW 2nd St	SW Elizabeth St to SW Angle St
NW 3rd St	NW Coast St to Hwy 101
NE 3rd St	NW Harney St to NE Eads St
SE 4th St	SE Fogarty St to SE Harney Dr

NW 6th St	NW Coast St to Hwy 101
NE 6th St	Hwy 101 to NE Eads St
NE 7th St	NE 7th Dr to Yaquina Heights Dr
SW 7th St	SW 2nd St to SW Elizabeth St
NW 8th St	NW Coast St to NW Spring St
SW 9th St	Hwy 101 to SE 10th St
SE 10th St	SE Benton St to SW 9th St
NW 11th St	NW Spring St to Hwy 101
NE 11th St	Hwy 101 to NE Eads St
NE 12th St	Hwy 101 to NE Eads St
SW 13th St	SW Harbor Way to SW Bay St
NW 15th St	NW Ocean View Dr to Hwy 101
NE 20th St	Hwy 101 to NE Crestview Dr
SE 32nd St	Hwy 101 to SE Ferry Slip Road
SE 35th St	Hwy 101 to eastern terminus
SE 40th St	Hwy 101 to SE Harborton St
SE 50th St	SE Harborton St to US 101
SE 62nd St	SE 50th St to Hwy 101
NE 73rd St	Hwy 101 to NE Avery St

The hierarchical functional classification system requires different design standards for each roadway classification. For instance, major thoroughfare routes require different access control standards, paving requirements, right-of-way widths, and traffic safety devices. The TSP includes graphics showing the typical design standards for each roadway under the functional classification system.

The suggested design standards are to be used as a guideline for roadway construction, including the development of new roads and the reconstruction of existing roads. The roadway design standards are established to ensure consistency throughout the City, but because the City has diverse topographic and natural constraints, they must provide flexibility for unique and special situations. The City also may permit alternate street cross-section design in response to the challenges and needs of specific areas, where these standards are supported by the recommendations of a refinement planning process. Recent examples of where a more flexible approach to roadway design was adopted include the Coho/Brant and South Beach Peninsula Transportation Refinement Plans.

Transportation Planning in South Beach

Overview

Primary access to businesses and residents in South Beach principally relies on US 101. Recent analysis of the transportation system's capability to support existing and future growth indicates that the existing Oregon Highway Plan's (OHP) mobility standards or "targets" would not be met along US 101 for the 2030 planning horizon. This condition results from the combination of background traffic growth (e.g., through traffic) and anticipated development within the South Beach area. Substantial highway improvements in South Beach would not be sufficient to respond to the additional travel demand because the system is limited by the capacity of the Yaquina Bay Bridge, given its physical constraints as well as system infrastructure costs. To respond to this expected future condition, and to come into compliance with the State's expectations for mobility on US 101, the TSP identifies a variety of improvements to local street, bicycle, and pedestrian systems, as well as to US 101 that will improve local circulation and facilitate traffic movements

on US 101. The identified improvements on the local roadway system, are described in Table 1[1]. The Oregon Transportation Commission recognizes that the mobility targets established in OHP Table 6 may not be feasible or practical in all circumstances. OHP Policy 1F states that alternate mobility targets can be developed to reflect the balance between relevant objectives related to land use, economic development, social equity, and mobility and safety for all modes of transportation. New mobility standards for US 101 have been identified and analyzed in conjunction with planned transportation system improvements in the report titled "Newport Transportation System Plan Update - Alternate Mobility Standards Final Technical Memorandum #13 Summary of Measures of Effectiveness," dated April 2012 in order to confirm that the mobility targets can reasonably be met within the planning horizon.

The Oregon Transportation Commission has sole authority to set standards for state facilities. The City supports the application of alternative mobility standards at intersections on US 101 in order to facilitate planned growth in South Beach. This change to mobility standards on US 101 as a result of planning done in 2011-12 represents a decision to accept a higher level of congestion. In recognition of the constraint that the existing Yaquina Bay Bridge poses to access to South Beach, and the lack of funds for large capacity improvements on the highway system in the foreseeable future, the City has chosen to help implement the State's alternate mobility standards, given that a higher level of controlled congestion on US 101 is an acceptable trade-off for accommodating economic development and reduced costs of total transportation system improvements associated with development.

An infrastructure refinement plan was prepared for the Coho/Brant neighborhood concurrent with the preparation of the TSP. That plan identifies needed improvements to local and collector streets in the neighborhood considering the transportation network identified in the TSP update for the greater South Beach area.

Development of an Alternative Mobility Standard

A substantial seasonal increase in traffic volumes occurs on US 101 during the summer months due to tourist traffic. During the peak traffic months of July and August, Newport weekday traffic is 21% higher than the annual average traffic volumes and 40% higher than traffic volumes during January. The Oregon Highway Plan (OHP)'s mobility targets apply during this peak summer traffic period.[2] Current traffic conditions in South Beach; however, are better than the conditions allowed by the OHP mobility targets.[3]

The capacity of the two-lane Yaquina Bay Bridge also affects highway operations in South Beach. The narrow travel lanes, lack of highway shoulders and the significant road grade from the middle of the bridge to its south end in South Beach affect the bridge's capacity when compared to a typical highway. The TSP Update calculated that the two-lane bridge's capacity is about 25% less than a typical highway. No replacement bridge can be expected in the planning horizon to provide additional capacity, so South Beach traffic movements will continue to be affected by this condition in 2030.

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[1] In 2012, Ordinance 2045 updated the TSP to include transportation improvements for South Beach. The technical memoranda that constitute the analysis and recommendations for the transportation system in South Beach are documented and included in Ordinance 2045. *Newport Transportation System Plan Update - Alternate Mobility Standards Final Technical Memorandum #13 Summary of Measures of Effectiveness* informs the development of alternate mobility standards for US 101 in the South Beach study area. The development of these standards is based on the findings of technical memoranda #5, #10, #11 and #12 prepared for the Newport Transportation System Plan (TSP) Update.

[2] OHP Policy 1F, Table 6.

[3] Newport TSP Technical Memorandum #5.

OHP mobility targets apply at the end of the planning horizon to evaluate the effect of future community development on highway operations, and substantial development is expected in South Beach during the planning horizon. Traffic volumes that would result from the level of development expected to occur in South Beach by 2030 were combined with ODOT's projections for background traffic growth. These future traffic volumes then were evaluated with the current local road network and current highway configuration, and with the existing road network and a five-lane highway alternative. The analysis showed that the existing network and the existing highway could not meet the OHP mobility targets anywhere in the system. Congestion would be so severe that traffic volumes would exceed the capacity of all highway intersections and the average travel speed would be 3.9 miles per hour for northbound traffic, and 2.5 miles per hour for southbound traffic on the existing highway. When the analysis included a five-lane highway, conditions north of 50th Street still could not meet the OHP targets and still exceeded capacity. South of 50th Street, most highway movements could meet the OHP targets, but none of the intersecting streets could. The average travel speed for a five-lane highway would be less than nine miles per hour for northbound traffic and less than six miles per hour for southbound traffic.[4]

A local road network is proposed in the South Beach Urban Renewal Plan to provide a local transportation system that is better able to support development in South Beach. The network would provide a more interconnected local street system that would allow local travel to occur on city streets rather than solely on the highway. This network was included in the Preferred System for the TSP Update because it would provide better long-term traffic conditions than the existing network and a five-lane highway.

The OHP mobility targets cannot be met on US 101 in South Beach because of high seasonal traffic and the reduced highway capacity caused by the Yaquina Bay Bridge. The OHP calls for consideration of alternative mobility standards where it is infeasible to meet the OHP mobility targets. Future traffic conditions in South Beach will be affected by high seasonal traffic and the reduced capacity of the Yaquina Bay Bridge. The alternative mobility standard incorporates a seasonal adjustment to use the annual average traffic volume; assigns new mobility targets; evaluates mobility only at existing traffic signals and at the locations where signalized intersections are proposed as part of the TSP Update; and accounts for the development of community services in South Beach, thereby minimizing future travel on US 101 to reach such services elsewhere in Newport. The results are alternative mobility standards effective at the current signalized US-101/SE 32nd Street intersection and at the future signalized highway intersections at South 35th Street, SE 40th Street and at SE 50th Street/South Beach State Park.

Trip Budget Program

[4] Newport TSP Update, Technical Memorandum #11.

The purpose of the Trip Budget Program is to ensure that the planned transportation system meets the needs of existing and future development in South Beach. The underlying premise of the program is that the planned transportation system can accommodate a reasonable level of land development and still operate at an acceptable level. The assumed number of trips that will be generated by development in South Beach over a 20-year planning horizon was determined based on projected population growth and permitted land uses, but with the assumption that not all areas were 100% buildable due to environmental constraints.[5] The land uses in this scenario, and the vehicular trips this future growth will generate, are anticipated to be accommodated on the adopted planned transportation system over a similar time horizon. The Trip Budget Program will be used to maintain the balance between the expected land uses and the identified needed transportation improvements in South Beach.

The City maintains a zoning overlay for South Beach that sets the parameters for allocating trips to new development and provides a framework for how and when the City of Newport and ODOT will revisit 20-year growth assumptions. The overlay, titled the South Beach Transportation Overlay Zone ("SBTOZ"), includes developable and redevelopable land in the South Beach portion of Newport, from the Yaquina Bay Bridge south to properties accessing SE 62nd Street (Figure 2: South Beach Overlay Zone). The SBTOZ helps the City track the consumption of trips from future development. It is a tool to assess new growth and compare it to the assumptions upon which the transportation system and improvements are based.

TAZ Trip Budgets

The Trip Budget Program is based on the number of trips projected to be generated from new development in South Beach over a 20-year time horizon. South Beach transportation analysis zones ("TAZs") were created, as shown in Figure 2, to forecast future trips. Future development assumptions were made based on existing land use designations, environmental constraints in the area, and information gathered from property owners and businesses regarding assumptions about the amount of development that could be expected for each of the TAZs within the planning horizon. Table XX lists the TAZs in the SBTOZ and the PM peak hour trip total for each TAZ, at the time of plan adoption. The total number of trips available in the SBTOZ at the time of plan adoption also is shown in Table XX; these totals are the basis for the Trip Budget Program.

[5] Land Use Scenario #2 in Newport Transportation System Plan Update - Alternate Mobility Standards Technical Memorandum #12 Analysis of South Beach Land Use Scenarios. Further supported by technical reports titled "Review of Newport TSP Update – Technical Memorandum #10: Biological/Wetlands Review" and "Newport Transportation System Plan Update – Alternate Mobility Standards Technical Memorandum #11 2030 Baseline System."

Table 4: South Beach Overlay Zone Trip Budget Totals

Area	TAZ Trip Budget[1]
Area A	1,237
Area B and C	798
Area D	606
Area E	167
Area F	626
Area G	257
Area H	300
Area I	181
Area J	200
Trip Reserve Total[2]	**490**
SBTOZ Trip Total	**4,862**

[1]TAZ Trip Budgets are projected PM Peak Hour Trips forecasted for each TAZ during the next 20 years. TAZ Trip Budgets are based upon Scenario #2 in the "Newport Transportation System Plan Update--Alternate Mobility Standards Final Technical Memorandum #12."
[2] The SBTOZ Trip Reserve Total is 10% of the PM Peak Hour Trips from each TAZ. These trips can be allocated anywhere within the SBTOZ through Newport Zoning Code provisions.

City shall develop a process for the allocating trips out of the TAZ Trip Budget. Such a process may provide for vesting trips with a valid land use decision or through the issuance of a vesting letter. As part of the trip allocation process, the City is responsible for determining whether or not remaining trips available in the TAZ can accommodate the development proposal. Proposed developments that would generate more PM peak hour trips than what remains in the budget for the TAZ can be approved only by submitting a land use application requesting to use trips from the Trip Reserve Fund or through mitigation supported with a traffic impact analysis.

Trip Reserve Fund

Trips from the Trip Reserve Fund can be allocated to development projects anywhere within the SBTOZ. The trips in the reserve fund were calculated based on the cumulative total of all the TAZs in the SBTOZ and roughly equal 10% of the total PM peak hour trips available in the SBTOZ, as shown in Table 4. Reserve trips may be allocated across TAZ boundaries, to any land use type that is permitted by the underlying zoning.[6] Through the SBTOZ, the City applies the following criteria to determine when trips should be allocated out of the Trip Reserve Fund to support a proposed development project:

- There are insufficient unassigned trips remaining in the TAZ to accommodate the proposed types of use(s).
- The proposal to use trips from the Trip Reserve Fund to meet the requirements of the Trip Budget is supported by a Transportation Impact Analysis.
- There are sufficient trips available in the Trip Reserve Fund to meet the expected trip generation needs of the proposal.

Approval of the allocation of trips from the Trip Reserve Fund is a discretionary decision, subject to attendant public notice, opportunity to comment, and an appeals process. Allocation of reserve trips is approved only where a transportation analysis demonstrates that the impacts from the

[6] As opposed to TAZ trips, which must be allocated within the TAZ boundaries where development is proposed.

proposed development is consistent with the planned preferred transportation system, or that the transportation impacts can be mitigated with improvements proposed as part of the development.

Transportation Impact Analysis Requirement

To ensure that the number of trips available in the Trip Budget and Trip Reserve Fund are not being exceeded by development, the City will need to know the expected trip generation from each development proposal. In order for this information to be included in a development application, the City has traffic-related submittal requirements in the Zoning Ordinance. For development proposals, including changes in uses that will have a limited impact on the transportation system, this can be accomplished by determining the number of PM peak hour trips expected from the future development and ensuring that the effect to the transportation system is consistent with the transportation improvements planned for South Beach. Additional traffic analysis is required for higher traffic generating uses, such as development proposals that include a requested change in the underlying land use designation or zone or proposals that request trips from the Trip Reserve Fund to support a development proposal. The "two tiered" nature of such submittals in the City Zoning Ordinance requires a Trip Assessment Letter of all applicants, and requires a Transportation Impact Analysis ("TIA") when certain prescribed threshold conditions are met. The TIA section in the Zoning Code also includes thresholds that, if met or exceeded by a development proposal, would require that a TIA be submitted to the City for review and approval through a Type III review process.

The Zoning Code shall describe the thresholds for requiring a TIA that are applicable to development anywhere in Newport. The required elements of a TIA also are described. However, City staff has some discretion to determine the level of analysis necessary, based in part on the size and expected impact of the proposed project. Initial information on a proposed project and expected transportation impacts is gained through a pre-application conference between City staff and the applicant. The zoning code should allow the City to require needed transportation improvements as a condition of approval when the TIA shows that there is a need for the improvements. A fee-in-lieu option may also be included in the zoning code to provide for some flexibility as to when those improvements are made.

Trip Generation Calculation

The number of PM peak hour trips a proposed development is expected to put on the transportation system is based on trip generation by use in the latest edition of the Institute of Transportation Engineers (ITE) Trip Generation Manual. One identified way to reduce the number of trips across the Yaquina Bay Bridge to reach essential goods and services is to promote a mix of uses in South Beach and to encourage service-related uses not currently found south of the bridge. Consistent with this approach, certain land use types must only consider the "primary trips" for the use rather than the trips that also would accrue from "passby" or "diverted-link" trips. Passby and diverted link trips involve intermediate stops on the way from a trip origin to a primary destination. "Passby" or "diverted linked" trips are identified by the type of use in the latest edition of the Institute of Transportation Engineers (ITE) Trip Generation Manual. The following uses will be required to calculate only "primary trips":

- Personal service oriented uses, such as professional offices and branch banks.
- Sales or general retail uses, total retail sales area under 15,000 square feet, such as a grocery store. This does not include restaurants.
- Repair oriented uses.

The trip generation information obtained from the Trip Assessment Letter required of each development proposal, as well as alterations or changes in use, in South Beach will be used by City staff to keep the Trip Budget updated. Upon approval of the trip allocation, City staff will update the available PM peak hour trip total for the subject TAZ by deducting the trips allocated to the permitted development. In the case of a change in use, where the new use generates less trips than the previous use, or through mitigation capacity is added to the system then trips may be added to the Trip Budget. The Trip Reserve Fund will be similarly updated when development is allocated trips from the Fund.

The Planning Commission and City Council should receive periodic updates on the status of the Trip Budget. The frequency of these updates may depend upon the respective body's work program but occur at least once a year.

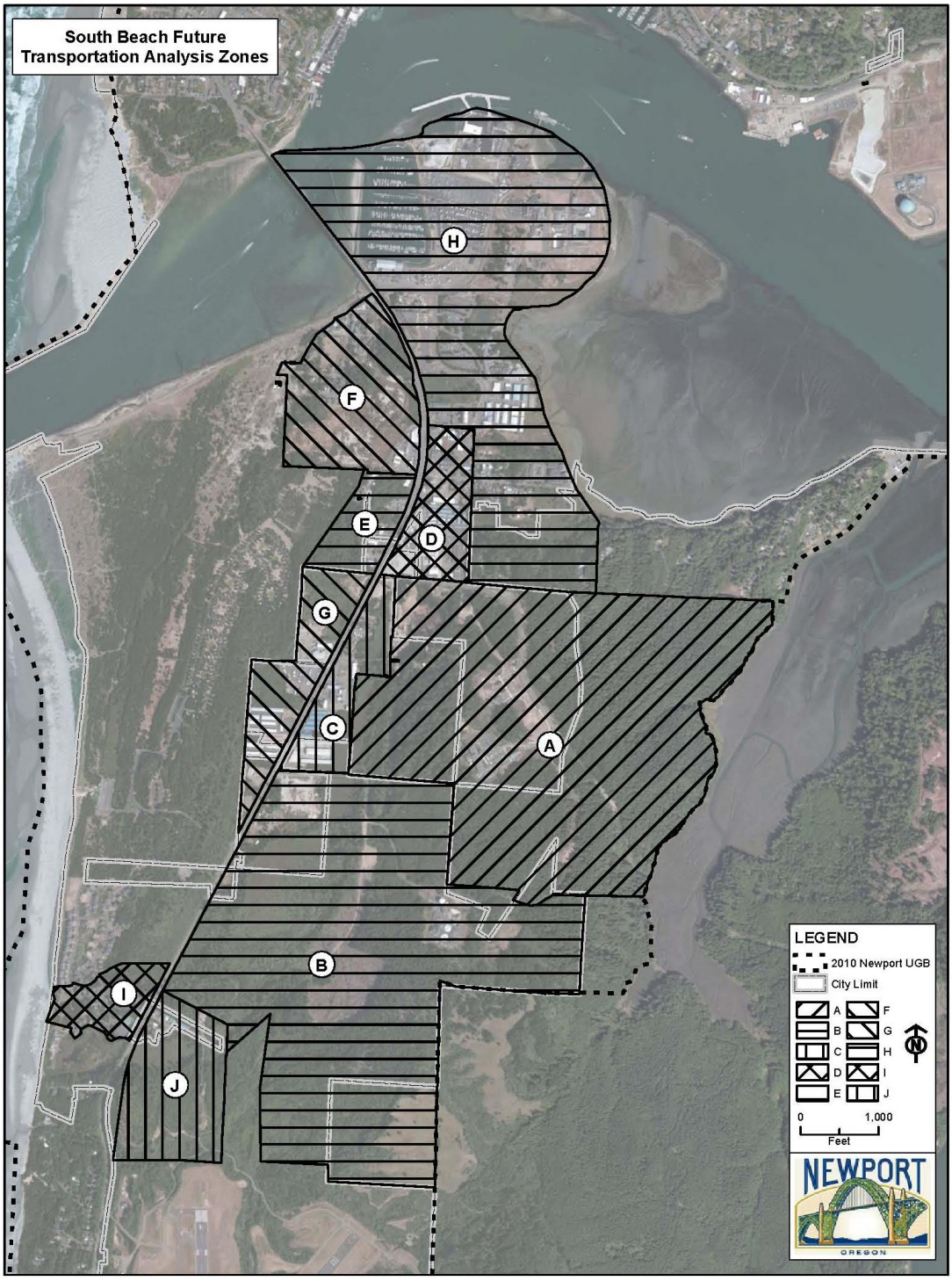
Amending the Trip Budget Program

It is unlikely that development will match up precisely to the assumptions in the future transportation analysis and, despite the flexibility afforded by the trip reserve, the Trip Budget Program may need to be updated to reflect actual development trends or to accommodate economic development opportunities that were not foreseen at the time of its adoption. These updates will be accomplished by:

- A comprehensive reassessment of the trip budget program that will begin no more than 10 years from effective date of Trip Budget Program ordinance.
- A reevaluation of the Newport Transportation System Plan and the associated trip budget will occur when 65% of the total trips in any given TAZ have been committed to permitted development.
    - This review will be initiated no later than 6 months from the time the threshold is reached. In anticipation of development reaching the 65% threshold, the City could also choose to commence the review any time development pressure in a certain TAZ warrants such an action.
    - The development proposal that triggers the 65% Review will not be denied based on this required review. Subsequent development proposals within the subject TAZ may also be reviewed and approved by the City during the review process. If the review necessitates updates to the Trip Budget Program, proposed changes will be adopted through a TSP and associated Zoning Code amendments.
    - To ensure that the 65% Review provides timely information, it will be completed within 12 months from initiation, or pursuant to a schedule that is part of a work program previously agreed upon by both the City and ODOT.

Major updates or adjustments of the land use scenarios and the trip budget for South Beach will require a legislative amendment to the TSP. Transportation Planning Rule findings of compliance with the adopted transportation system plan must support the modification.

Figure 4: South Beach Overlay Zone[7]



[7] Corresponds with Figure 2-2 from Newport Transportation System Plan Update - Alternate Mobility Standards Technical Memorandum #12 Analysis of South Beach Land Use Scenarios.

Pedestrian Facility Improvements

Specific to the City's pedestrian plan are recommendations for a continuous sidewalk system in good repair that will connect existing and future pedestrian and transit traffic generators. Emphasis is given to the pedestrian/transit interface. Also critical to the plan is the support it provides for tourist foot traffic, from the main traffic area and to specific tourist attractions. To this end, sidewalk improvements were identified to link existing sidewalks and to provide a system of sidewalks to ensure a balanced transportation system that offers realistic non-motorized alternatives. Early City efforts focused on providing safe and convenient travel for children who walk to school. The pedestrian and bicycle plan was greatly expanded in 2008 when the City adopted a new Pedestrian and Bicycle Plan. The City's existing pedestrian facilities and proposed pedestrian system are illustrated in the 2008 Pedestrian and Bicycle Plan.[8] The update to the transportation system serving South Beach resulted in recommended projects that will enhance the pedestrian experience south of the bridge, including sidewalks along the west side of US 101, south to 35th Street, which will be part of future roadway improvements, and a multi-use path and sidewalks east of the highway, along 40th Street, Harborton Road, and 50th Street. South Beach improvements are illustrated Figure 3, Recommended South Beach Pedestrian and Bicycle Projects.

In 2011 the City conducted a series of charrettes with the public to improve recreational access to Agate Beach. The Agate Beach Wayside Project resulted in a conceptual design and list of associated improvements after extensive outreach by the City of Newport and Lincoln County with neighboring property owners, business owners, Oregon Department of Transportation, the Oregon Parks and Recreation Department, Surfrider Foundation, and other stakeholders.
Major elements of the project include: improved parking lot circulation and safety; pedestrian improvements for Lucky Gap Trail; pedestrian improvements to North Agate Beach (i.e. "surfer access"), and; improvements to NW Agate Way and sidewalks on NW Gilbert Way.

Table 5 includes the recommended pedestrian facility improvements needed over the next 20 years. As indicated in the source column in Table 5, the projects listed are identified in the 1997 TSP, as well as updates to this plan in 2008 and 2012. All project cost estimates are shown in 2011 dollars; cost estimates for projects from the 1997 TSP (and 2008 update) have been adjusted to account for inflation.

Planning level cost estimates have been prepared for projects needed to provide continuous sidewalks within the school bus perimeter and in the core area, and to provide sidewalks where they do not currently exist on streets that will be part of the future arterial or collector network.

Adding sidewalks along a roadway are only part of the pedestrian solution; many busy streets and intersections are difficult to cross and can be barriers to walking. Allowing people to cross streets as freely as possible is important in maintaining a pedestrian-friendly environment. Often the width of the street, the geometry of the intersection, and the signal timing are designed only for the needs of the vehicle; not the pedestrian.

To increase pedestrian crossing opportunities and safety, two approaches can be considered: (1) designing roads that allow crossings to occur safely by incorporating design features such as raised medians or signal timing that creates gaps in traffic; or (2) constructing actual pedestrian crossings with pedestrian-activated signals, mid-block curb extensions, marked crosswalks, etc.

[8] See maps 2-1, 3-1, 3-2, and 3-3 in the 2008 Pedestrian and Bicycle Plan. Note that the location of the shared use path and the proposed sidewalk along Highway 101 depicted on Map 3-3, Proposed Pedestrian System in South Newport, has been updated; see Figure 3, Recommended South Beach Pedestrian and Bicycle Projects.

There are a variety of locations in Newport where crosswalk improvements are necessary to maintain pedestrian safety. The 2008 Pedestrian and Bicycle Plan identify several techniques that can be implemented at busy intersections.

Bicycle Facility Improvements

US 101 is the state-designated bike route that is known nationally as the Oregon Coast Bike Route. In Newport, the Oregon Coast Bike Route diverges from the highway between Ocean View Drive and the Yaquina Bay Bridge onto city streets located west of the highway that have lower traffic volumes and are closer to the Pacific Ocean. Other City-designated routes are along Ocean View Drive, Coast Street, and Elizabeth Street. These routes are currently signed, but lack separated bike lanes. The City's goal is to provide bicycle routes that enable safe and efficient travel for through bike traffic traveling along the Oregon Coast, as well as to provide a system for traveling within the city. The system of bicycle facilities has been designed to connect both north-south and east-west bicycle traffic. It has also been designed to connect all major generators of bicycle traffic with residential neighborhoods and tourist facilities. The pedestrian and bicycle plan was greatly expanded and adopted by the City of Newport in 2008. The existing bicycle facilities and proposed bicycle facilities are illustrated in the 2008 Pedestrian and Bicycle Plan.[9] The update to the transportation system serving South Beach resulted in recommended projects to enhance the pedestrian experience south of the bridge. Sidewalks will be extended on both sides of the highway south to 35th Street. South of 35th Street, a multi-use path will be constructed on the west side of the highway; a sidewalk will be constructed on the east side. Multi-use paths and sidewalks will be constructed along SE 40th Street, Harborton Road and the new alignment for SE 50th Street.

Table 5 presents the recommended bicycle route improvements. The cost estimate for upgrading existing roads to include bicycle lanes has been prepared for each route or series of routes. The cost estimates for bicycle facilities on new roadways have been included in the roadway construction cost estimates. All project cost estimates are shown in 2012 dollars; cost estimates for projects from the 1997 TSP (and 2008 update) have been adjusted to account for inflation.

[9] See Maps 2-2, 3-4, 3-5, and 3-6 in the 2008 Pedestrian and Bicycle Plan. The location of the proposed shared use path in South Beach was updated by the 2012 South Beach amendments (see Figure 3 Recommended South Beach Pedestrian and Bicycle Projects).

Table 5: Recommended Pedestrian and Bicycle Improvements[10]

Project	From - to	Description	Project Lead	Priority	Estimated Cost ($ 2012)	*Source*
US 101 Crossings						
NW 68th Undercrossing	n/a	An undercrossing of US 101 at NW 68th	ODOT / Newport	Low	$2,340,000	*2008 Ped. Bike Plan*
Mid-block between 16th Street & 17th Street	n/a	Add median, raised stop bars, appropriate signage, and striped continental crosswalk	ODOT / Newport	Low	$265,000	*2008 Ped. Bike Plan*
NW 15th Street	n/a	Add crosswalk	ODOT / Newport	Low	$11,500	*2008 Ped. Bike Plan*
13th Street	n/a	Add median, raised stop bars, appropriate signage, and striped continental crosswalk	ODOT / Newport	Low	$265,000	*2008 Ped. Bike Plan*
10th Street	n/a	Add median, raised stop bars, appropriate signage, and striped continental crosswalk	ODOT / Newport	Medium	$265,000	*2008 Ped. Bike Plan*
8th Street	n/a	Add median, raised stop bars, appropriate signage, and striped continental crosswalk	ODOT / Newport	Medium	$265,000	*2008 Ped. Bike Plan*
3rd Street / 4th Street	n/a	Add median, raised stop bars, appropriate signage, and striped continental crosswalk	ODOT / Newport	High	$265,000	*2008 Ped. Bike Plan*
2nd Street (outside City Hall)	n/a	Add median, raised stop bars, appropriate signage, and	ODOT / Newport	High	$265,000	*2008 Ped. Bike Plan*

[10] All project estimates, unless otherwise noted, are shown in 2012 dollars. Costs are escalated at a 4% per year from the previous project estimate (1997, 2008 or 2011).

Project	From - to	Description	Project Lead	Priority	Estimated Cost ($ 2012)	*Source*
		striped continental crosswalk				
SW Angle Street	n/a	Add curb extensions	ODOT / Newport	High	$78,000	*2008 Ped. Bike Plan*
SW Lee Street	n/a	Add curb extensions	ODOT / Newport	High	$53,000	*2008 Ped. Bike Plan*
SW Hurbert Street	n/a	Add curb extensions	ODOT / Newport	High	$38,000	*2008 Ped. Bike Plan*
SW Alder Street	n/a	Add curb extensions	ODOT / Newport	High	$53,000	*2008 Ped. Bike Plan*
SW Neff Way	n/a	Add median, raised stop bars, appropriate signage	ODOT / Newport	Medium	$265,000	*2008 Ped. Bike Plan*
SW Abbey Street	n/a	Tighten the turning radius for vehicles, add marked crosswalks	ODOT / Newport	Low	$205,000	*2008 Ped. Bike Plan*
SW Bay Street	n/a	Tighten the turning radius for vehicles, add marked crosswalks	ODOT / Newport	Low	$205,000	*2008 Ped. Bike Plan*
Mid-block between SW Bayley Street & SW Minnie Street	n/a	Add median, raised stop bars, appropriate signage, and striped continental crosswalk, and curb extensions	ODOT / Newport	Medium	$265,000	*2008 Ped. Bike Plan*
Sidewalks						
US 101[11]	Yaquina Bay Bridge to Abalone Street	Construct sidewalk on west side of highway			$186,000	*2012 South Beach TSP update*
US 101[12]	Abalone Street to Anchor Way/35th Street	Construct sidewalk on west side of highway			$332,000	*2012 South Beach TSP update*

[11] Funding currently proposed from FEMA as part of tsunami evacuation route. The Ash Street Extension roadway improvement project (south of SE 40th Street) shows a multi-use path at this location. This estimate is for an independent sidewalk improvement.

[12] Project included as part of the Ash Street Extension roadway improvement project (south of SE 40th Street) as a multi-use path.

Project	From - to	Description	Project Lead	Priority	Estimated Cost ($ 2012)	*Source*
NE Avery Street	US 101 to end of street	Construct sidewalk on west side of street	Newport	Medium	$219,000	*2008 Ped. Bike Plan*
NE 71st Street	NE Avery Street to NE Echo Ct	Construct sidewalk on south side of street	Newport	Low	$115,000	*2008 Ped. Bike Plan*
NE 70th Street	NE Avery St to fire access easement road	Construct sidewalk on north side of street	Newport	Low	$79,000	*2008 Ped. Bike Plan*
Fire Access Easement	NE 70th St to NE 71st St	Construct pedestrian accessway	Newport	Low	$18,000	*2008 Ped. Bike Plan*
US 101	NE Avery St to Agate Beach Access Rd	Construct sidewalk on west side of street	ODOT / Newport	Low	$700,000	*2008 Ped. Bike Plan*
NE 57th Street	US 101 to NE Evergreen Ln	Construct sidewalk on south side of street	Newport	Medium	$130,000	*2008 Ped. Bike Plan*
NE Evergreen Lane	End of street to NE 54th St	Construct sidewalk on west side of street	Newport	Low	$245,000	*2008 Ped. Bike Plan*
NE 54th Street	NE Evergreen Ln to NE 56th St	Construct sidewalk on north side of street	Newport	Low	$60,000	*2008 Ped. Bike Plan*
NE 56th Street	NE 54th St to NE Lucky Gap St	Construct sidewalk on east/south of street	Newport	Low	$85,000	*2008 Ped. Bike Plan*
NE Lucky Gap Street	NE 56th St to NE 57th St	Construct sidewalk on east side of street	Newport	Low	$55,000	*2008 Ped. Bike Plan*
NW 60th Street	US 101 to end of street	Construct sidewalk on both sides of street	Newport	Medium	$155,000	*2008 Ped. Bike Plan*
NW 58th Street	US 101 to end of street	Construct sidewalk on both sides of street	Newport	Medium	$225,000	*2008 Ped. Bike Plan*
NW 57th Street	NW Gladys St to end of street / NW Biggs St to end of street	Construct sidewalk on south side of street	Newport	Low	$115,000	*2008 Ped. Bike Plan*
NW 56th Street	US 101 Access Rd to end of street	Construct sidewalk on south side of street	Newport	Medium	$145,000	*2008 Ped. Bike Plan*

Project	From - to	Description	Project Lead	Priority	Estimated Cost ($ 2012)	*Source*
NW 55th Street	US 101 to end of street	Construct sidewalk on north side of street	Newport	Medium	$160,000	*2008 Ped. Bike Plan*
NW Rhododendron Street	NW 55th St to NW 60th St	Construct sidewalk on east side of street	Newport	Medium	$105,000	*2008 Ped. Bike Plan*
NW Biggs Street	NW 56th St to NW 60th St	Construct sidewalks on both sides of street	Newport	Medium	$155,000	*2008 Ped. Bike Plan*
NW Gladys Street	NW 56th St to NW 60th St	Construct sidewalks on west side of street	Newport	Low	$90,000	*2008 Ped. Bike Plan*
NW Lighthouse Drive	US 101 to end of street	Construct sidewalks on north side of street	Newport	Low	$335,000	*2008 Ped. Bike Plan*
NE Harney Street	US 101 to NE Big Creek Rd	Construct sidewalks on south side of street	Newport	Medium	$210,000	*2008 Ped. Bike Plan*
NE Lakewood Drive	NE Harney to end of street	Construct sidewalk on one side of street	Newport	Medium	$190,000	*2008 Ped. Bike Plan*
NE Crestview Drive	NE 20th St to end of street	Complete sidewalk gaps on west side of street	Newport	Low	$34,000	*2008 Ped. Bike Plan*
NE Crestview Place	NE 20th St to end of street	Construct sidewalks on west side of street	Newport	Low	$63,000	*2008 Ped. Bike Plan*
NE 20th Place	NE 20th St to end of street	Construct sidewalks on south side of street	Newport	Low	$61,000	*2008 Ped. Bike Plan*
NE Douglas Street	NE 20th Pl to end of street	Construct sidewalks on west side of street	Newport	Low	$59,000	*2008 Ped. Bike Plan*
NW Oceanview Drive	US 101 to NW Spring St	Construct sidewalks on west side of street	Newport	Low	$495,000	*2008 Ped. Bike Plan*
NW Spring Street	NW Oceanview Dr to NW 8th St	Construct sidewalks on west side of street	Newport	Medium	$105,000	*2008 Ped. Bike Plan*
NW 8th Street	NW Spring St to NW Coast St	Construct sidewalks on north side of street	Newport	Medium	$32,000	*2008 Ped. Bike Plan*
NW 15th Street	NW Oceanview	Construct sidewalks on south side of street	Newport	Low	$68,000	*2008 Ped. Bike Plan*

Project	From - to	Description	Project Lead	Priority	Estimated Cost ($ 2012)	*Source*
	Dr to NW Grove St					
NW 12th Street	NW Spring St to just east of NW Nye St	Construct sidewalks on south side of street	Newport	Medium	$87,000	*2008 Ped. Bike Plan*
NW 11th Street	NW Spring St to US 101	Complete sidewalk gaps on both sides of street	Newport	High	$130,000	*2008 Ped. Bike Plan*
NW 10th Street	NW Spring St to NW Nye St	Construct sidewalk on south side of street	Newport	Medium	$79,000	*2008 Ped. Bike Plan*
NW 6th Street	NW Coast St to NW Nye St	Construct sidewalks on north side of street	Newport	High	$183,000[13]	*2008 Ped. Bike Plan*
NW 12th Street	US 101 to NE Benton St	Complete sidewalk gaps on south side of street	Newport	High	$60,000	*2008 Ped. Bike Plan*
NE 8th Street	US 101 to NE Eads St	Construct sidewalks on one side of the street	Newport	Medium	$130,000	*2008 Ped. Bike Plan*
NE 7th Street	US 101 to NE Eads St	Construct sidewalks on one side of the street	Newport	High	$130,000	*2008 Ped. Bike Plan*
NE Jeffries Place	NE 7th St to end of street	Construct sidewalks on west side of street	Newport	Low	$39,000	*2008 Ped. Bike Plan*
NE 7th Drive	NE 7th St to end of street	Construct sidewalks on west side of street	Newport	Low	$94,000	*2008 Ped. Bike Plan*
NE 6th Street	NE 7th Drive to end of street	Construct sidewalks on south side of street	Newport	Low	$100,000	*2008 Ped. Bike Plan*
NE 4th Street	US 101 to NE Douglas St	Construct sidewalks on both sides of street	Newport	High	$170,000	*2008 Ped. Bike Plan*
NE 3rd Street	NE Eads St to NE Harney St	Complete sidewalk gaps on both sides of street	Newport	High	$140,000	*2008 Ped. Bike Plan*
NE 2nd Street	US 101 to NE Eads St	Complete sidewalk gaps on both sides of street	Newport	Medium	$125,000	*2008 Ped. Bike Plan*

[13] Project cost estimate developed in 2012.

Project	From - to	Description	Project Lead	Priority	Estimated Cost ($ 2012)	*Source*
SE 1st Street	US 101 to SE Douglas St	Construct sidewalks on south side of street	Newport	High	$105,000	*2008 Ped. Bike Plan*
SE 2nd Street	SE Benton St to SE Douglas St	Construct sidewalks on south side of street	Newport	High	$46,000	*2008 Ped. Bike Plan*
SE Benton Street	SE 1st St to US 20	Construct sidewalks on west side of street	Newport	High	$18,000	*2008 Ped. Bike Plan*
SE Coos Street	SE 2nd St to US 20	Construct sidewalk on west side of street	Newport	Medium	$39,000	*2008 Ped. Bike Plan*
SE Douglas Street	SE 2nd St to US 20	Construct sidewalk on west side of street	Newport	Medium	$39,000	*2008 Ped. Bike Plan*
SE 2nd Street	SE Fogarty St to SE Harney St	Construct sidewalks on south side of street	Newport	High	$45,000	*2008 Ped. Bike Plan*
SE 4th Street	SE Fogarty St to SE Harney St	Construct sidewalks on south side of street	Newport	High	$45,000	*2008 Ped. Bike Plan*
SE Harney Street	SE 4th Street to SE 2nd St	Construct sidewalks on east side of street	Newport	High	$39,000	*2008 Ped. Bike Plan*
Bay Blvd	Length of street	Complete sidewalk gaps on both sides of street	Newport	Medium	$185,000	*2008 Ped. Bike Plan*
SW Hatfield Drive	SW Bay Blvd to SW 10th St	Construct sidewalks on west side of street	Newport	Low	$67,000	*2008 Ped. Bike Plan*
SW Harbor Drive	SW Bay St to SW 11th St	Construct sidewalks on west side of street	Newport	High	$51,000	*2008 Ped. Bike Plan*
SW Neff Way / SW Alder St	US 101 to SW 2nd St	Construct sidewalks on both sides of street	Newport	High	$170,000	*2008 Ped. Bike Plan*
SW 7th Street	SW Alder St to SW Elizabeth St	Construct sidewalks on north side of street	Newport	Medium	$180,000	*2008 Ped. Bike Plan*
SW Elizabeth Street	SW Government St to SW Abbey St	Construct sidewalk on west side of street	Newport	High	$145,000	*2008 Ped. Bike Plan*
SW Government Street /	Yaquina State Park	Construct sidewalk adjacent to road through park	State Parks / Newport	Low	$140,000	*2008 Ped. Bike Plan*

Project	From - to	Description	Project Lead	Priority	Estimated Cost ($ 2012)	*Source*
Yaquina State Park						
SE Marine Science Dr	SW Abalone to end of street	Construct sidewalks on south and east side of street	Newport	Medium	$250,000	*2010 South Beach Peninsula Plan*
SE Ferry Slip Road	SE 29th St to SE Marine Science Dr	Construct sidewalks on east side of street	Newport	Medium	$27,000	*2010 South Beach Peninsula Plan*
SW Brant Street	SW Abalone St to end of street	Construct sidewalks on west side of street	Newport	High	$433,000[12]	*2012 Coho/Brant Infra. Plan*
SE 35th Street	SE Ferry Slip Rd to end of street	Construct sidewalk on one side of street	Newport	High	$400,000	*2008 Ped. Bike Plan*
SE Fogarty Street	US 20 to SE Bay Blvd	Construct sidewalk on east side of street	Newport	Medium	$110,000	*2008 Ped. Bike Plan*
NE 36th Street	US 101 to NE Harney St	Construct sidewalk on one side of street	Newport	Medium	$135,000	*2008 Ped. Bike Plan*
NE 10th Court	NE Eads to NE Benton St	Construct sidewalks on both sides of street	Newport	Medium	$120,000	*2008 Ped. Bike Plan*
NE 10th Street	NE Benton St to US 101	Construct sidewalks on both sides of street	Newport	Medium	$125,000	*2008 Ped. Bike Plan*
NE 5th Street	NE Benton St to NE Eads St	Construct sidewalks on both sides of street	Newport	Medium	$125,000	*2008 Ped. Bike Plan*
NE Fogarty Street	US 20 to NE 3rd Street	Construct sidewalks on both sides of street	Newport	Medium	$115,000	*2008 Ped. Bike Plan*
SE Moore Drive	Bay Blvd to SE 2nd Street	Construct sidewalk on west side of road	Newport	Medium	$125,000	*2008 Ped. Bike Plan*
SE 2nd Street	SE Moore Drive west	Construct sidewalks on both sides of street	Newport	Medium	$23,000	*2008 Ped. Bike Plan*
SE 5th Street	SE Moore Drive west	Construct sidewalks on both sides of street	Newport	Medium	$180,000	*2008 Ped. Bike Plan*

Project	From - to	Description	Project Lead	Priority	Estimated Cost ($ 2012)	*Source*
San-Bay-O Circle	Proposed connection to Crestview to proposed connection to Chambers Ct	Construct sidewalk along one side of street from proposed connections to Crestview and to Chambers Court	Newport	Medium	$48,000	*2008 Ped. Bike Plan*
Sidewalks and Bike Lanes						
40th Street	East of US 101 to South Beach Village	Construct bicycle lane and sidewalk along north side of street			$89,000	*2012 South Beach TSP update*
NW Nye Street	NW 15th St to SW 2nd St	Construct bicycle lanes on both sides of street and complete sidewalk gaps on east side of street	Newport	High	$195,000	*2008 Ped. Bike Plan*
NE Benton Street / NE Coos Street	NE 12th Street to US 20	Construct bicycle lanes and sidewalks on both sides of street	Newport	Medium	$525,000	*2008 Ped. Bike Plan*
NE 7th Street	NE Eads St to NE 6th St	Construct bicycle lanes on both sides of street and sidewalks on south side of street	Newport	High	$215,000	*2008 Ped. Bike Plan*
NE Harney Street	US 20 to NE 3rd Street	Construct bicycle lanes and sidewalks on both sides of street and sidewalks on south side of street	Newport	Medium	$91,000	*2008 Ped. Bike Plan*
US 20	NE Harney St / SE Moore Dr to US 101 intersection	Construct bicycle lanes and fill in sidewalk gaps on both sides of street	ODOT / Newport	Medium	$55,000	*2008 Ped. Bike Plan*
SW 10th Street	SW Hatfield Dr to SE 2nd St	Stripe bicycle lanes on south side of street and fill in sidewalk gaps on both sides of street	Newport	Medium	$45,000	*2008 Ped. Bike Plan*
SW 2nd Street	SW Nye St to SW Coast St	Strip bicycle lanes on both sides of the street and complete sidewalk gaps on north side of the street	Newport	Low	$72,000	*2008 Ped. Bike Plan*

Project	From - to	Description	Project Lead	Priority	Estimated Cost ($ 2012)	*Source*
SW 26th Street	SW Brant St to SW Abalone St	Construct sidewalk on north side and striped bike lane on south side of the street	Newport	Medium	$52,000	*2012 Coho / Brant Plan*
Recommended Bicycle System Improvements						
Bicycle Parking		Parking at major bus stops and bus stations (for tourists)		High	$28,000	*2008 Ped. Bike Plan*
Bicycle Racks		Racks for all Dial-a-Ride vehicles (10 racks)		High	$14,000	*2008 Ped. Bike Plan*
West Olive St	Elizabeth St to Nye St	Striping for bicycle lanes along identified roadways to complete the East-West Bike Route.		High	$3,000	*2008 Ped. Bike Plan*
SW 2nd St	Nye St to Angle St					
Angle St	SW 2nd St to SW 9th St					
SW 9th St/Avery St	Angle St to SE 1st St					
SE 1st St	Avery St to Fogarty St					
Fogarty St	SE 1st St to SE 2nd St					
SE 2nd St	Fogarty St to Harney Dr					
John Moore Rd	Harney Dr to US 20					
Eads St	NE 12th St to NE 3rd St	Provide a bike route		Low	$145,000	*2008 Ped. Bike Plan*
NE 3rd St	Eads St to Harney Rd					
Big Creek Rd	Harney Dr to NE 12th St	Provide bikeway; also includes sidewalk improvements. Road will be closed to traffic after completion of the North-South Arterial.		Medium	$205,000	*2008 Ped. Bike Plan*
Ocean View Dr	US 101 to the new Nye St extension	Add bicycle route signs along identified		High	$1,000	*2008 Ped. Bike Plan*

Project	From - to	Description	Project Lead	Priority	Estimated Cost ($ 2012)	*Source*
Nye St	Ocean View Dr to Olive St	roadways to provide a north-south alternate bicycle route to US 101 (signed route only).				
Olive St	Nye St to the Beach at Elizabeth St					
Elizabeth St	Olive St to SW 2nd St (connects to existing bicycle path along Elizabeth St)					
Bicycle Lanes						
SW Canyon Way	SW Fall St to SW 9th St	Construct bicycle lane on east side of street	Newport	Low	$11,000	*2008 Ped. Bike Plan*
US 101	Yaquina Bay Bridge to South Beach State Park Access	Stripe bicycle lanes on both sides of street	ODOT	Low	$64,000	*2008 Ped. Bike Plan*
West Olive	US 101 to SW Elizabeth St	Stripe bicycle lanes on both sides of street	Newport	Medium	$24,000	*2008 Ped. Bike Plan*
New Boat Launch Pathway	Marine Science Dr to New Boat Launch	Designate bike and pedestrian lane on access road on Northern edge of parking lot	Port	Low	$11,000	*2008 Ped. Bike Plan*
Shared Roadways / Bicycle Boulevards						
Oregon Coast Bicycle Route	US 101 to Yaquina Bay Bridge	Implement Level 1 and 2 bicycle boulevard applications (signage, pavement markings)	Newport	Medium	$9,000	*2008 Ped. Bike Plan*
NE Harney Street	US 101 to NE Big Creek Rd	Implement Level 1 and 2 bicycle boulevard applications (signage, pavement markings)	Newport	Low	$2,000	*2008 Ped. Bike Plan*
11th Street	NW Spring St to NE Eads St	Implement Level 1 and 2 bicycle boulevard applications	Newport	High	$2,000	*2008 Ped. Bike Plan*

Project	From - to	Description	Project Lead	Priority	Estimated Cost ($ 2012)	*Source*
		(signage, pavement markings)				
6th Street	NW Coast St to NE Eads St	Implement Levels 1, 2 and 3 bicycle boulevard applications (signage, pavement markings, intersection treatments)	Newport	High	$2,000	*2008 Ped. Bike Plan*
NW 3rd Street / NW 4th Street	NW Coast St to NE Eads St	Implement Levels 1, 2 and 3 bicycle boulevard applications (signage, pavement markings, intersection treatments)	Newport	Medium	$3,000	*2008 Ped. Bike Plan*
SW 7th Street	SW 2nd St to SW Elizabeth St	Implement Level 1 and 2 bicycle boulevard applications (signage, pavement markings)	Newport	Medium	$2,000	*2008 Ped. Bike Plan*
SW 10th / 9th Street	SE 2nd St to SW Bay St	Implement Levels 1, 2 and 3 bicycle boulevard applications (signage, pavement markings, intersection treatments)	Newport	High	$3,000	*2008 Ped. Bike Plan*
SW Canyon Way / SW Hurbert Street	SW Bay Blvd to NW 6th St	Implement Levels 1, 2 and 3 bicycle boulevard applications (signage, pavement markings, intersection treatments)	Newport	High	$3,000	*2008 Ped. Bike Plan*
SW Bay Street	SW 9th St to SW 12th St	Implement Level 1 and 2 bicycle boulevard applications (signage, pavement markings)	Newport	High	$1,000	*2008 Ped. Bike Plan*
SW 10th Street / SW 12th Street	SW Bay St to US 101	Implement Level 1 and 2 bicycle boulevard applications	Newport	High	$1,000	*2008 Ped. Bike Plan*

Project	From - to	Description	Project Lead	Priority	Estimated Cost ($ 2012)	*Source*
		(signage, pavement markings)				
Bay Blvd	SW Naterlin Dr to SE Moore Dr	Implement Level 1 and 2 bicycle boulevard applications (signage, pavement markings)	Newport	Medium	$3,000	*2008 Ped. Bike Plan*
South Beach State Park	US 101	Implement Level 1 and 2 bicycle boulevard applications (signage, pavement markings)	Newport	Low	$3,000	*2008 Ped. Bike Plan*
NE Eads Street	US 20 to NE 12th Street	Implement Levels 1, 2 and 3 bicycle boulevard applications (signage, pavement markings, intersection treatments)	Newport	High	$18,000	*2008 Ped. Bike Plan*
SE Moore Drive	Bay Blvd to US 20	Implement Level 1 and 2 bicycle boulevard applications (signage, pavement markings)	Newport	High	$2,000	*2008 Ped. Bike Plan*
SW 26th Street	US 101 to west of town	Implement Level 1 and 2 bicycle boulevard applications (signage, pavement markings)	Newport	Medium	$1,000	*2008 Ped. Bike Plan*
Old Boat Launch access	US 101 to old boat launch	Implement Level 1 and 2 bicycle blvd applications (signage, pavement markings)	Newport	Low	$17,000	*2008 Ped. Bike Plan*
Shared-use Paths						
Ferry Slip Road	Marine Science Drive to SE 29th Street	Shared use path	Newport	High	$77,000	*2010 South Beach Peninsula Plan*
Bay Road		Shared use path	Newport	Medium	$432,000	*2008 Ped. Bike Plan*

Project	From - to	Description	Project Lead	Priority	Estimated Cost ($ 2012)	*Source*
Harborton Road	40th Street to 50th Street	Multi-use path along south side with bicycle lanes and sidewalk along north side	Newport	Medium	$1,344,000	*2012 South Beach TSP update*
Realigned 50th Street	East of US 101 to existing 50th Street[14]	Multi-use path along north side with bicycle lanes and sidewalk along south side	ODOT / Newport	Low	$435,000	*2012 South Beach TSP update*
US 101	SE Ash St to South Beach State Park	Construct shared-use path on west side of road	ODOT / Newport	Low	$349,000	*2012 South Beach TSP update*
NE Big Creek Road	NE Harney St to NE 12th St	Construct a shared-use path along the NE Big Creek right-of-way	Newport	Medium	$520,000	*2008 Ped. Bike Plan*
SE 2nd Street Bridge	SE Douglas St to SE Fogarty St	Construct a non-motorized shared-use bridge over the existing ravine to provide a more direct connection to Yaquina View Elementary School from the nearby residential areas	Newport	Low	$1,750,000 to $3,500,000	*2008 Ped. Bike Plan*
Yaquina Bay Bridge	Bridge	Shared use path along west side of bridge; Provide a dedicated travel space for bicyclists and pedestrians	Newport	Low	$16,000,000 to $21,000,000	*2008 Ped. Bike Plan; 2012 South Beach TSP update*
North Jetty Trail	SW Naterlin Dr to north jetty	Construct a shared-use path out the north jetty	Newport	High	$920,000	*2008 Ped. Bike Plan*
San-Bay-O Connection	San-Bay-O Circle to NE Crestview	Construct a shared-use path connection; requires an easement over private property.	Newport	Medium	$41,000	*2008 Ped. Bike Plan*

[14] Project included as part of the Ash Street Extension roadway improvement project north of SE 40th Street as a multi-use path.

Project	From - to	Description	Project Lead	Priority	Estimated Cost ($ 2012)	*Source*
		Exact location uncertain.				
Route to Main Shopping Area	NE Chambers Ct to Frank Wade Park and Park to San-Bay-O Circle	Construct a shared-use path connecting to main shopping area	Newport	High	$96,000	*2008 Ped. Bike Plan*
Path across old RV Park	SE Pacific Way to Marine Science Dr	Improve pathway through RV park, route pedestrians off blind corner at SE Pacific Drive and Marine Science Dr	Newport	High	$1,000	*2008 Ped. Bike Plan*
Estuary Trail Access	SE 35th St to Chestnut St	Provide a dedicated travel space for bicyclists and pedestrians as an alternative to Idaho Point Road	Newport	Medium	$205,000	*2008 Ped. Bike Plan*
Connector to OCCC	SE 35th St to OCCC	Provide a dedicated travel space for bicyclists and pedestrians	Newport	Medium	$530,000	*2008 Ped. Bike Plan*
Ash Extension	Ash Street end to SE 35th St	Provide a dedicated travel space for bicyclists and pedestrians along railway right-of-way	Newport	Medium	$225,000	*2008 Ped. Bike Plan*
Connector to US 101 Stairways	US 101 to SW 26th and SW 27th Avenues	Provide access to US 101 stairways	Newport	High	$93,000	*2008 Ped. Bike Plan*
Develop of SW Coho St	S Jetty Rd to SW 29th St	Construct shared use path	Newport	Medium	$84,000[15]	*2008 Ped. Bike Plan*
Connector – SW 29th Street or SW 30th Street	State Park and South Beach neighborhood	Links into State Park trail system	Newport	High	$129,000[16]	*2008 Ped. Bike Plan*
Connector	State Park to South Shore	Links into State Park trail system	Newport	Medium	$185,000	*2008 Ped. Bike Plan*

[15] Project cost developed in 2012 as part of the *Newport Coho/Brant Infrastructure Refinement Plan.*

[16] Project cost developed in 2012 as part of the *Newport Coho/Brant Infrastructure Refinement Plan.*

Project	From - to	Description	Project Lead	Priority	Estimated Cost ($ 2012)	*Source*
Connector	South Shore to Airport	Links State Park trail system to airport	Newport	Low	$1,050,000	*2008 Ped. Bike Plan*
Yaquina Bay Estuary Trail Extension	Yaquina Bay Trail to SE 35th Street	Extends existing trail	Newport	High	$380,000	*2008 Ped. Bike Plan*
NW Coast Street	NW 8th St to NW 11th St	Provide bicycle and pedestrian improvements over existing gravel road	Newport	Medium	$135,000	*2008 Ped. Bike Plan*
NW Nye Street	NW 15th St to Oceanview	Construct shared-use path connecting Nye to Oceanview	Newport	Medium	$130,000	*2008 Ped. Bike Plan*
SW Coho St	Jetty Way to SW 29th St	Construct shared-use path	Newport	Medium	$82,000	*2012 Coho / Brant Plan*
Jetty Way	SW 26th St to South Beach State Park parking areas	Construct shared-use path	OPRD / Newport	Low	$486,000	*2012 Coho / Brant Plan*
SW Abalone Street	SE Marine Science Dr to US 101	Construct sidewalks on west side of street	Newport	High	$490,000	*2012 Coho/Brant Infra. Plan*
Wayside Improvements						
Agate Beach	SW Corner of US 101 and NW Agate Way to north end of Agate Beach	Realign parking, improve streets, sidewalks, trails, and construct restroom/showers	Newport	High	$697,120[17]	*2011 Agate Beach Design Charrette*

[17] Project cost developed in 2011. Project funded in 2012 with FHWA Scenic Byways Grant.

Transit Plan

It is difficult for cities the size of Newport to support fixed-route transit. The City had attempted to provide such transit service through the Newport Area Transit System, but low ridership and funding constraints lead to discontinuation of the service in July 1991. In November 1992, Lincoln County, with some funding from the City of Newport, began operation of a county-wide public transit system, the Central Coast Connection. The name was later changed to Lincoln County Transit (LCT). Lincoln County Transit currently provides the combined services of a scheduled stop system and a dial-a-ride service. County employees coordinate a daily fixed-route intercity shuttle system with east and south county buses operating as feeder lines to the intercity shuttle. The LCT shuttle makes intercity runs from Newport to Lincoln City daily. Newport is the hub for all intercity routes. The LCT shuttle and the intercity feeder lines between Siletz, Toledo, Waldport, Yachats, and Newport are open to the general public. LCT has added a coast to valley service that operates five days from Newport to Corvallis and Albany Amtrak. Dial-a-ride service operates on a demand/response basis for Newport residents.

Lincoln County Transit provides bus service to the South Beach community through the "Newport City Loop," between 7:30 a.m. to 5:30 p.m., seven days a week. Stops are provided north and south of the Yaquina Bay Bridge. Improvements to the transit system could make bus ridership more viable for South Beach employees and residents, with the dual benefit of reducing single-occupancy trips on US 101 and supporting economic development in the area. Anecdotal evidence supports the assertion that the infrequency of bus service and the daytime-only service hours hinder employees working in South Beach from commuting by bus. In addition to the recommended transit improvements included in the TSP, the City is committed to working with Lincoln County Transit to improve the bus system and, in particular, increasing ridership in South Beach and decreasing local single-occupancy vehicle trips on US 101 and the Yaquina Bay Bridge .

Table 6 displays all the recommended transit improvements included in the Plan with their associated annual or capital costs. Funding is from state and federal sources.

Table 6: Recommended Transit Improvements

Transit Improvements	Priority	Estimated Annual Operating Costs	Estimated Capital Cost
Support expanded daily Lincoln County Transit Service to enhance commute options for Newport employers and access to retail districts	High	$434,200	-------
Provide covered bus shelters at major bus stops	High		$40,000
Enhance dial-a-ride service through the use of private taxis as a backup service	Medium	8,000	-------
Construct a centrally located transit facility	Low		$500,000
Total Cost (Transit Improvements)			**$540,000**

Airport Transportation Plan

The Newport Municipal Airport is owned by the City of Newport. It is classified as a General Aviation General Utility category airport and is a public airport capable of handling corporate-type aircraft. The Newport Municipal Airport Master Plan outlines a staged development program for the airport (see Table 7, below).

Table 7: Staged Development Program – Projected Development

Stage II (1995-1999)	Local	FAA	Other	Total
Road Relocation	$18,000	$162,000	$0	$180,000
Land Acquisition	$1,000	$9,000	$0	$10,000
Hangar Taxiways	$4,000	$32,000	$0	$36,000
Auto Parking	$40,000	$0	$0	$40,000
Aircraft Apron	$11,000	$94,000	$0	$105,000
Clear Zone Earthwork	$10,000	$90,000	$0	$100,000
Runway Marking	$200	$1,800	$0	$2,000
Single-Unit Hangars (5)	$0	$0	$125,000	$125,000
FBO Hangar	$0	$0	$300,000	$300,000
Corporate Hangar	$0	$0	$200,000	$200,000
Airport Maintenance Shop	$200,000	$0	$0	$200,000
ARFF Station/City Fire Station	$9,000	$81,000	$0	$90,000
Total Stage II	**$293,200**	**$469,800**	**$625,000**	**$1,388,000**
Stage III (2000-2009)				
Terminal	$300,000	$280,000	$0	$580,000
Auto Parking	$225,000	$0	$0	$225,000
Terminal Roadway	$22,000	$198,000	$0	$220,000
Apron Expansion	$10,000	$90,000	$0	$100,000
Relocate VOR	$50,000	$0	$0	$50,000
Parallel Taxiway Extension	$39,000	$351,000	$0	$390,000
Overall Runway 16-34 & Taxiway	$88,000	$787,000	$0	$875,000
Runway 2-20 Taxiway	$23,000	$207,000	$0	$230,000
Corporate Hangars (2)	$0	$0	$400,000	$400,000
Single-Unit Hangars (5)	$0	$0	$375,000	$375,000
Total Stage III	**$757,000**	**$1,913,000**	**$775,000**	**$3,445,000**
Total Stages II and III	**$1,050,200**	**$2,382,800**	**$1,400,000**	**$4,833,000**

Source: Newport Municipal Airport Master Plan, 1991

Water Transportation

The upland areas adjacent to, and development within, Yaquina Bay are controlled by the City of Newport, Lincoln County, the Port of Newport, and the State of Oregon. The tourism, commercial fishing, and commercial shipping industries that use the bay provide a significant part of the local economy. The Recommended Water Transportation Plan considers a wide variety of needs and acknowledges the competition between marine-related industries for certain tracts of waterfront property.

Recommended improvement projects for the port have been prioritized into three categories based on the time frame for implementation (see Table 8, below). Funding has not been determined for all of the projects.

Table 8: Recommended Port Improvement Projects

Priority 1 – Develop in the Next 5 Years **Project**	**Cost** **($ X 1,000)**	**Funding** **Source**
Rehabilitation of Port Dock 5 Pier	75	Port
Multi-Level Parking Structure	2,000	Urban Renewal
Revitalization of Newport International Terminal	Unknown	Port
Rehabilitation of Existing Corps of Engineers Breakwater and d175 Feet of New West Extension	1,200	Corps/State/Port
Marine Commercial Lease Facility	Undetermined	Undetermined
Priority 2 – Develop in the Next 5 to 10 Years **Project**		
Widening of Bay Blvd	Undetermined	Undetermined
Public Viewing Dock	Undetermined	Undetermined
Priority 3 – Develop in Next 10 to 15 Years **Project**		
Second Ship Berth	32,000	Port
Second Barge Berth	5,800	Port

Source: Public Facilities Plan, 1990 and Port of Newport Staff Review, 1996

Rail Transportation

Willamette and Pacific Railroad provides freight service from the western Willamette Valley to the terminus of the rail line at Toledo, six miles east of Newport. There is no direct service into Newport.

Pipeline Transportation

Current pipeline service includes transmission lines for electricity, cable television, and telephone service, and pipeline transport of water, sewage, and natural gas. The Newport TSP encourages the continued use of these services for the movement of these commodities through the City.

The Plan also recognizes the increasing likelihood that telecommuting and other "super-highway" technologies will become viable alternatives to physical commuting, thus reducing and possibly even eliminating some auto trips during the peak hours. The use of telecommuting and other similar technologies should be encouraged through land use policy and plans.

Other Elements of TSP

Funding

The City of Newport Transportation System Plan also contains a section on the funding of the various projects and an analysis of transportation funding alternatives. For a complete discussion on the available options, please refer to the TSP and the adopted TSP updates.

There are a variety of funding options available to the City of Newport. To fund all of the recommended capital improvement projects in the TSP and the TSP updates would most likely require a number of new revenue sources. For purposes of illustration, the following provides an example of what it would take to fund the entire TSP (see Table 9). The funding options include:

- Obtain $16 million in additional revenue from State grants and programs
- Use revenue bonds to pay for recommended parking structure
- Create local improvement districts to pay for neighborhood street improvement projects
- Increase SDC charges from $300/dwelling unit to $837 (from 20% to 50% of needed capital expenditure)
- Implement a city-wide street utility fee (e.g. $2/month for all residences)

Table 9 shows that the new funding sources would generate a surplus of revenue of about $1 million in Years 1-5. If this surplus were carried forward into Year 6-10, there would be enough revenue for all of the recommended capital improvement projects.

Table 9 shows that the new funding sources would generate a surplus of revenue of about $1 million in Years 1-5. If this surplus were carried forward into Years 6-10, there would be enough revenue for all of the recommended capital improvement projects.

Table 9 displays a potential scenario that would fund the entire recommended 1997 TSP over the 20 year period. It does show that the recommended 1997 TSP can realistically be implemented over the next 20 years. Regardless, the following funding strategy should include the following:

- Aggressively pursue federal and state funding options for capital improvement projects, especially for US 20 and US 101.

- Increase System Development Charges (SDCs) to a more comparable rate with surrounding communities (i.e. 50 to 60% of the needed revenue, $875 to $1,000 per dwelling unit).

- Seek one or more of the local funding options previously discussed.

- Carefully prioritize capital improvement projects.

Access Management

The purpose of the Access Management Plan is to define an effective access management program that will enhance mobility and improve the safety of roadways in the City of Newport. Access management strategies that limit the number of conflict points, separate conflicts as much as possible, reduce deceleration requirements, and separate turning traffic from traffic will all contribute to better mobility and safety on the City of Newport's roadways.

The primary focus of the access management plan is on the major arterials in the City of Newport; US 101 and US 20. The plan seeks to maintain the function of these roadways as the primary through routes in the City of Newport. The Access Management Plan as detailed in the TSP establishes policies and criteria that support this function.

The Access Management Plan must address the growth in traffic in Newport through planning for the future transportation system. The Oregon Transportation Planning Rule requires in Section 660-12-045 Subsection (2):

> *Local governments shall adopt land use or subdivision ordinance regulations, consistent with applicable federal and state requirements, to protect transportation facilities, corridors, and sites for their identified functions. Such regulations shall include: (a) Access control measures, for example, driveways and public road spacing, median control and signal spacing standards, which are consistent with the functional classification of roads and consistent with limiting development on rural lands to rural uses and densities; […]*

Access management can be most effectively implemented when it is integrated into the land use permitting process. Or developing areas, this allows jurisdictions an immediate tool to implement their access management goals as these areas apply for permits and submit plans for agency review. Applying access management to a developed arterial – representative of the conditions of many sections of US 101 and US 20 in the City of Newport – is a much more difficult task due to right-of-way limitations and the economic concerns of adjacent property owners. In such areas, access management can best be implemented as adjacent properties redevelop or as part of roadway improvement or retrofit plans.

Access management is a set of measures to regulate access to streets, roads, and highways from public roads and private driveways. The purpose of access management is to maximize the efficiency and safety of the existing roadway while preserving the flow of traffic and limiting the number of traffic conflicts. A traffic conflict occurs where the paths of two traffic movements intersect. Crossing conflicts are the most serious because of the potential for collisions. The area and complexity of the crossing conflicts are also affected by the roadway cross-section. For example, with a four-lane cross-section, each conflict involves two lanes, whereas with a two-lane section, each of the conflict points involves only one lane.

There are many different strategies for accomplishing access management, but the common theme of all strategies is to reduce traffic conflicts. Strategies to reduce conflicts are listed below followed by select examples for tools that can be used to implement the strategy:

- Limit the number of conflict points
  - Installation of median barriers or closure to eliminate left turns at ingress and egress points
  - Installation of traffic signals at high volume intersections or driveways
  - Optimization of traffic signal spacing and coordination
  - Installation of physical barriers along frontage properties, e.g. curbs, fences, Landscaping
  - Regulate maximum width of driveways

- Separate conflicts as much as possible when they cannot be eliminated
  - Regulate minimum spacing of driveways
  - Consolidate access for adjacent properties
  - Regulate maximum number of driveways per frontage property
  - Consolidate existing access as parcels redevelop
  - Require access on adjacent cross-section (when available) in lieu of driveways on major highways

- Reduce deceleration requirements
  - ⁄ Improve driveway sight distance
  - ⁄ Increase effective approach width of driveway
  - ⁄ Restrict parking on roadway adjacent to driveway to increase driveway turning speeds
  - ⁄ Install right-turn acceleration lane

- Separate turning traffic from through traffic
  - ⁄ Install continuous two-way left turn lane
  - ⁄ Require adequate internal design and circulation plan
  - ⁄ Provide local service roads
  - ⁄ Encourage connections between adjacent properties

Many of these tools can be used within the City of Newport. Specific recommendations for application of these access management strategies will be provided in the Goals ad Policies section.

During the development of the Newport TSP, specific access management goals were established for the City of Newport's primary arterials, US 101, and US 20. These access management goals address these facilities in both the established and the developing areas of the City as defined in the maps contained in the Access Management Plan contained in the TSP. The goals reflect the input of the Technical Advisory Committee, the Citizens Sounding Board, and public input from the Open Houses as well as correspondence from members of the public.

Supporting access management goals were developed for the two types of areas in the City: established areas and developing areas. The goals for these areas are defined below as well as the range of strategies that were explored by the study team.

Established Areas

Many properties now having direct access to the highway within these established areas will eventually redevelop. At such time, alternate access may be provided and existing private accesses can be closed. The reduction in traffic conflicts, due to preventing future private accesses and closing old private accesses, will allow the highway to operate safely at higher volumes of traffic.

The types of access management tools most appropriate for these established areas include:

- Optimize traffic signal spacing and coordination
- Install physical barriers along frontage properties, e.g. curbs, fences, landscaping
- Regulate maximum width of driveways
- Regulate minimum spacing of driveways
- Consolidate access for adjacent properties
- Regulate maximum number of driveways per frontage property
- Require access on adjacent cross-street (when available) in lieu of driveways on US 101 and US 20
- Require adequate internal design and circulation plan
- Encourage connections between adjacent properties
- Install traffic signals at high volume intersections or driveways

Spacing goals for the established areas are 500 feet for driveways, ¼ mile for public roads, and ½ mile for signals. As redevelopment occurs, these spacing standards and access management tools should be evaluated and applied as appropriate to the specific needs of the project.

Developing Areas

The types of access management tools most appropriate for these areas are:

- Install median barriers or closure to eliminate left turns at ingress and egress points
- Install traffic signals at high volume intersections or driveways
- Optimize traffic signal spacing and coordination
- Install physical barriers along frontage properties, e.g. curbs, fences, landscaping
- Regulate maximum width of driveways
- Regulate minimum spacing of driveways
- Consolidate access for adjacent properties
- Regulate maximum number of driveways per frontage of property
- Require access on adjacent cross-street (when available) in lieu of driveways on major highways
- Improve driveway sight distance
- Increase effective approach width of driveway
- Install right-turn acceleration lane
- Install continuous two-way left turn lane
- Require adequate internal design and circulation plan
- Provide local service roads
- Encourage connections between adjacent properties

Spacing standards for primary arterials in developing areas are 800 feet for driveways, ½ to one mile for public roads, and ½ to one mile for signals. As development and redevelopment occurs, these spacing standards and access management tools should be evaluated and applied as appropriate to the specific needs of the project.

GOALS AND POLICIES

The following goals and policies are intended to guide the decision makers and the development community in the administration of the Transportation System Plan (TSP) and the development of applicable implementing ordinances consistent with the TSP. This section is not intended to provide review criteria for specific projects or to function as a capital improvement plan.

Goal 1: To provide a safe and efficient multi-modal transportation system consistent with the Transportation System Plan.

Policy 1: To improve and maintain a transportation system that is consistent with the adopted 1997 TSP, as amended by the following updates:

A. Transportation system Plan Update Technical Memo # 2 (Northside Local Street Plan) dated July 2008.
B. Transportation System Plan Update Technical Memo # 4 (Pedestrian and Bicycle Plan) dated July 2008.
C. Newport Transportation System Plan Update - Alternate Mobility Standards Final Technical Memorandum #13 Summary of Measures of Effectiveness dated April 2012.
D. South Beach Peninsula Transportation Refinement Plan, dated February 9, 2010.
E. Agate Beach Wayside Improvements Design Charrette Concept Plan dated, March 2, 2011.
F. Coho/Brant Infrastructure Refinement Plan, dated July 2012.

Policy 2: To develop implementing ordinances and funding options consistent with the following:

A. Street System Plan

1. New roadway projects, transportation management system improvements and improvements to existing roadways shall be consistent with the TSP subject to available funding.

2. Streets created as part of a subdivision shall be designed in accordance with the adopted street design classification system in the TSP and the development standards in the subdivision ordinance unless a modification through the subdivision approval process is granted. The City shall require all new development to make street frontage improvements consistent with adopted engineering standards proportional to the impact of the development on public facilities.

3. The City will implement street cross-section designs that deviate from adopted street classification system standards where such designs apply to a defined area, respond to area-specific challenges and needs, and are supported by the findings and recommendations of an adopted Refinement Plan.

4. The City shall require that any change to the acknowledged Comprehensive Plan land use designations must make a finding that the change will not reduce the function of streets, especially Highway 101 and Highway 20, as identified in the TSP.

5. The City supports optimizing the existing transportation system through modifications to US 101 and local transportation system improvements in South Beach, as identified in the TSP. The capacity of the Yaquina Bay Bridge is expected to continue to be the major constraint in the operation of the transportation system south of the bridge, and funding for a new or expanded facility is not likely in the foreseeable future.

6. To ensure that capacity on US 101 is sufficient to accommodate planned local growth south of the Yaquina Bay Bridge, the City supports adoption of alternate mobility standards by the Oregon Transportation Commission for the section of highway between the bridge and South 62nd Street. These standards will allow a higher level of congestion than would be acceptable without the alternate standards. The alternate standards will support economic development and reduce the costs of total transportation system improvements associated with development.

7. Comprehensive plan land use changes and development proposals that meet established thresholds for traffic generation or heavy vehicles, or that propose to take access directly from US 101, shall submit a transportation impact analysis as part of the application. The analysis shall evaluate the impacts of the development and propose mitigation that would allow transportation facilities to operate under conditions consistent with the planned transportation system. These analyses are a necessary tool to aid City decision-making related to the transportation system and its adequacy to accommodate both existing and future users. Whenever a direct property connection to US 101 is proposed, the City will coordinate with ODOT to

ensure that the analysis addresses both state and local requirements.

8. Many of the commercial activities needed by residents are missing from the South Beach community. South Beach residents currently must travel across the Yaquina Bay Bridge to obtain these goods and services. Development of commercial uses that provide for the goods and services needed in the South Beach community warrants special consideration by the City of Newport. The Newport Development Code shall include special traffic analysis provisions for certain uses in order to encourage such development.

9. The City shall monitor the transportation impacts of development in South Beach through a South Beach Transportation Overlay Zone (SBTOZ) and an associated Trip Budget Program to ensure that vehicle trips that result from new development do not exceed the number of trips that can be accommodated by the planned transportation system. When development in the SBTOZ occurs inside the urban growth boundary but outside City limits, the City shall coordinate with Lincoln County through the development approval process to ensure that County-approved trips are recorded.

10. The Trip Budget Program envisions circumstances where an applicant may, identify measures as part of a traffic impact analysis that mitigate the impacts the development will have on the transportation system allowing trips to be authorized in excess of what would otherwise be permitted in the TAZ. An amendment to the TSP is not required in such cases; however, the City should update the Trip Budget to reflect the additional trips.

11. The City shall continue to engage ODOT in conversations regarding future project planning and funding that would lead to improvements to, and possibly replacement of, the Yaquina Bay Bridge. A recent decision by the Oregon Department of Transportation to place the bridge on the "Weight-Restricted Bridges on Major State Routes" list highlights the need for Newport to find long term solutions that sufficiently address the existing capacity and structural limitations that affect the bridge's ability to carry vehicles and pedestrians.

B. Pedestrian System Plan

1. The City shall provide a continuous pedestrian network consistent with the TSP, to the greatest extent possible considering funding limitations, topographic constraints, and existing development patterns.

2. The City shall provide a safe walking environment.

3. The City shall provide a pedestrian-oriented urban design especially on the Bay Front, in the City Center, and in Nye Beach.

4. The City shall work to implement the Goal, Policies and Implementation Strategies related to pedestrian facilities identified on pages 1-3 and 1-4 of the Newport Pedestrian and Bicycle Plan adopted in 2008. The City also shall work to implement identified pedestrian system improvements in South Beach, consistent with the adopted TSP.

C. Bicycle System Plan

1. The City shall provide a safe and efficient bicycle network consistent with the TSP, considering funding limitations, topographic constraints, and existing development patterns.

2. The City shall work to implement the Goal, Policies and Implementation Strategies related to bicycle facilities identified on pages 1-3 and 1-4 of the Newport Pedestrian and Bicycle Plan adopted in 2008. The City shall also work to implement identified bicycle system improvements in South Beach, consistent with the adopted TSP.

D. Transit System Plan

1. The City shall support the Lincoln County Transit Service consistent with the TSP considering funding limitations, topographic constraints, and existing development patterns.

2. The City shall work with Lincoln County Transit to identify and address the following:

a. Barriers to transit ridership, such as frequency of buses, convenience and proximity of the transit stops to employment areas, etc.
b. Enhancements to service, including but not limited to modifying existing transit loops, adding stops to the loops, or adding additional routes.
c. Impediments to providing service (funding, ridership numbers, etc.)
d. Physical amenities to promote transit use, such as shelters, signage, benches, posted schedules, signal timing/preferential treatment at intersections, etc.

3. The City shall continue to work with Lincoln County Transit, ODOT, and Lincoln County to identify opportunities for transit improvements in the planned roadway system, such as "queue-jump" opportunities for buses through intersection configurations and preferential signal timing along US 101.

4. The City shall encourage new retail, office, industrial, and institutional developments to provide transit facilities on site if identified in an adopted transit plan and shall work to ensure that there are safe pedestrian and bicycle connections through and from the site to existing and planned transit routes.

5. The City shall explore with Lincoln County Transit opportunities to provide shuttle service across the bay during the busy tourist season to help reduce traffic congestion, i.e. on the Yaquina Bay Bridge, subject to the availability of funding.

E. Access Management Plan

1. The City shall implement an access management strategy for the established and developing areas of the City of Newport along Highway 101, Highway 20, and other arterials that supports the City's Transportation Goal and ensures that those streets can accommodate traffic in a safe and efficient manner as traffic increases.

2. In established areas of the City of Newport as identified in the TSP, the City shall encourage consolidation or reduction of accesses as possible during property redevelopment and/or frontage improvements. Spacing goals for the established

areas are 500 feet for driveways, ¼ mile for public roads, and ½ mile for signals. As redevelopment occurs, these spacing standards and access management tools should be evaluated and applied as appropriate to the specific needs of the project.

3. In developing areas of the City of Newport as identified in the TSP, as sites develop or redevelop, accesses shall be planned, consolidated, and/or reduced to meet the spacing standard to the greatest extent possible. Spacing standards for primary arterials in developing areas are 800 feet for driveways, ½ mile to one mile for public roads, and ½ mile to one mile for signals.

4. The City shall develop specific ordinance provisions to further this access management plan.

F. Funding Plan

1. The City shall continue to employ a variety of local funding options such as the local gas tax, street utility fee, general obligation bonds, local improvement districts, developer exactions, system development charges, to fund the planned transportation system.

2. The City shall carefully prioritize capital improvement projects through the development, maintenance, and implementation of the TSP and Capital Improvement Program.

3. The City shall aggressively pursue federal and state funding options for capital improvement projects, especially for Highways 101 and 20.

4. The City shall continue to plan for and finance needed infrastructure improvements necessary to support economic development consistent with adopted urban renewal plans.

5. The City shall pursue extending the South Beach Urban Renewal Plan to provide funding for projects beyond the year 2020 if needed to better coordinate City plans with the timeline for future state funding.