



11/29/2018

SOUTHWEST IN MOTION

DRAFT: Southwest In Motion Tier 1 Projects

These projects expand and connect our existing and upcoming walking and biking facilities. Projects are intended to rank highly on our prioritization, support Bureau of Environmental Services system needs, and align well with potential funding sources. This project list represents roughly \$25 million in investment

Land Uses and Facilities		Project Details	
	Activity Center / Open Space		Existing
	Proposed LRT Station		New
	Streets and Sidewalks		Shared Street
	Partial Walk/Bike Network Link		Shoulder
	Existing Walk/Bike Network Link		Sidewalks
	Funded Project		Bike Lanes
			Bicycle Shared Roadway

Southwest In Motion

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Draft Tier 1 Project List

These projects expand and connect existing and upcoming walking and biking facilities in Southwest. Projects are intended to rank highly on our prioritization criteria, support Bureau of Environmental Services system needs, and align well with potential funding sources. This project list represents roughly \$.25 million in investment.

Cost Estimate Ranges:
\$ = Under \$100,000
\$\$ = \$100,000 - \$500,000
\$\$\$ = \$500,000 - \$2,000,000
\$\$\$\$ = Over \$2,000,000

This project list is in draft form and is subject to change.

Bicycle/Pedestrian (BP) Construction Projects				
Construction projects involve roadway widening, sidewalk construction, and other medium-high cost design elements.				
SWIM ID	Name	Extents	Description	Cost
BP-02	6th Portal to Central City	SW Broadway to SW College St	Striping enhancements to SW 6th Ave to improve transition and connections into the Central City	\$
BP-05	Patton/Talbot Sidewalk/Bikeway	SW Hewitt Blvd to SW Fairmount Blvd	Fill sidewalk gaps and implement an enhanced shared roadway bikeway. Consider the use of protected safer shoulders where roadway pavement exists. Include connection to 4T Trail to Council Crest.	\$\$\$
BP-07	Gibbs Sidewalk	SW Marquam Hill Rd to SW 11th Ave	Design and implement pedestrian facilities in partnership with OHSU.	\$\$\$
BP-08	Terwilliger Gaps 01	Approach to Sam Jackson Park Rd	Fill the Terwilliger Parkway bike lane gap at Duniway Lilac Garden. Explore solutions to fill bikeway gap, including consideration for building behind existing curb where space is available.	\$\$
BP-09	Campus Accessibility and Safety Improvements	Approach to Terwilliger Blvd	Design and construct accessibility improvements, bicycle safety features and other intersection enhancements as described in the Marquam Hill Plan.	\$\$
BP-10	Whitaker Trail Enhancements	SW Terwilliger Blvd to SW Barbur Blvd	In partnership with community groups, design and implement trail improvements to connect transit users from Barbur to Marquam Hill, OHSU and the VA. Enhancements may include hand railing, improved lighting and replacement of a few steps.	\$\$
BP-12	Beaverton-Hillsdale Walkway Infill	City Limits to SW Capitol Hwy	Construct infill walkway on the north side of the street, including physical separation of existing safer shoulder, expansion of shoulder where necessary. Include sidewalk infill to bus stop at SW 50th Ave and SW 27th Ave. Project should be compatible with future construction of permanent facilities.	\$\$
BP-13	Shattuck Sidewalk Gaps	SW 53rd Ave to SW Boundary St	Fill gaps in the sidewalk	\$\$
BP-14	30th Walkway	SW Beaverton-Hillsdale Hwy to SW Vermont St	Construct a safer shoulder pedestrian walkway with physical separation where possible. Remove on-street parking or widen roadway where necessary to provide adequate space.	\$\$\$
BP-15	Bertha Shared Street	SW 30th Ave to SW Beaverton-Hillsdale Hwy	Implement a neighborhood greenway and shared street to complete a link in the Red Electric Trail. Consider traffic diversion to maintain low volumes appropriate for shared streets.	\$\$
BP-18	Nevada Neighborhood Sidewalks and Greenway	SW Capitol Hwy to SW Capitol Hill Rd	Neighborhood Greenway and Sidewalks	\$\$\$\$

BP-19	Capitol Hill Sidewalk Infill	SW Troy St to SW Barbur Blvd	Implement sidewalk infill on one side of the street and enhanced shared roadway bicycle facilities.	\$\$
BP-21	SW Canby/Troy Neighborhood Greenway	SW Capitol Hwy to SW Capitol Hill Rd	Neighborhood Greenway and Sidewalks	\$\$\$\$
BP-23	SW 45th Walkway	SW Multnomah to SW Garden Home Rd	Design and implement sidewalk infill on one side and bike lanes in both direction.	\$\$\$
BP-25	Dolph Bikeway and Sidewalk	SW Capitol Hwy to SW Barbur Blvd	Construct sidewalk infill for pedestrian travel and install a neighborhood greenway. Consider the use of fire-friendly speed humps to manage traffic speed.	\$\$\$
BP-29	Brugger Neighborhood Greenway	SW 65th Ave to SW 48th Ave	Construct a neighborhood greenway and shared street along SW Brugger St to SW 48th Ave and SW 49th to Taylors Ferry Rd. Construct shared use paths along unimproved segments of Brugger Rd. Connect to matching Washington County project along SW Florence St. Work with Tualatin Valley Water District to explore a connection from SW Brugger to SW Florence.	\$\$\$
BP-31	Outer Taylors Ferry Sidewalk and Bikeway	SW 48th Ave to SW Capitol Hwy	Widen shoulder to provide bicycle climbing lane and construct a walkway for pedestrian travel and access to transit. Explore ways to incorporate a bike lane in both directions.	\$\$\$\$
BP-32	Ridge Neighborhood Greenway	SW 35th Ave to SW Taylors Ferry Rd	Design and Implement a neighborhood greenway with speed humps. Include crossing enhancements to connect with connecting walkway and bikeway. Explore treatments for pedestrians, including safer shoulders, or traffic diversion and traffic calming to meet shared street guidelines.	\$\$
BP-35	64th/Pomona Sidewalk and Bikeway	SW Barbur Blvd to SW 61st Ave	Construct sidewalks and bicycle facilities.	\$\$\$\$
BP-38	Pomona Walkway and Bikeway	SW Capitol Hwy to SW 35 th Ave	Create a separated shared use path for walking and biking.	\$\$\$\$
BP-40	Boones Ferry Walkway	SW Orchard Hill Rd to City Limits	Construct a protected safer shoulder on the north side through restriping.	\$
BP-41	35th Sidewalk Infill	Near SW Huber ST	Infill sidewalk gaps behind existing curb	\$\$
BP-42	Garden Home Sidewalk Infill	SW 45th to SW Capitol Hwy	Widen roadway with uphill bike climbing lane and downhill shared lane markings. Construct continuous sidewalk along the south side of the street. Consider compatibility with permanent facilities as part of TSP 90033.0	\$\$\$\$
BP-43	Hamilton Sidewalk Infill	SW 48th to SW 45th Ave	Sidewalk infill on north side of street. Consider compatibility with permanent facilities as part of TSP 90034.1	\$\$
BP-44	25th Connector	SW Moss St to SW Multnomah Blvd	Design and construct a shared use path through unimproved right of way.	\$\$
BP-45	Capitol Hwy Bikeway Connections	Capitol Hwy & Bertha & B-H Hwy	Install and integrate bicycle signals to allow low stress connections between bike lanes on all approaches. Includes new bicycle signals and corner reconstruction with protected intersection for bicycle circulation.	\$\$
BP-46	Capitol Hill Safer Shoulder Connection	SW 19th Ave to Raz-Baack Crossing	Widen roadway to provide a protected safer shoulder on the south side connecting SWTrails route.	\$
BP-47	Dosch Sidewalk Infill	SW Flower Terrace to SW Beaverton-Hillsdale Hwy	Construct sidewalk infill behind curb. Restripe roadway with bike lanes in both directions.	\$

Restriping Projects (RP)

Restriping projects are meant to be low-cost, marking-only changes designed to improve conditions for walking and biking using the paved space we already have.

RP-01	Park Bridge Connector	SW Park Ave to SW 6th Ave	Mark and sign a contraflow bike lane to link SW Park Ave Bridge to SW 6th Ave via SW Clifton St and SW Lincoln St.	\$
RP-02	Terwilliger Trail to 4th Connector	SW Terwilliger & SW 6th to SW 4th & Broadway	Protected Bike Lane connection from SW Terwilliger pathway to SW 4th Ave via SW 6th and SW Caruthers St.	\$
RP-03	Condor Connection	SW Terwilliger to SW Condor Ave	Enhance striping to create an improved walking and biking connection. Consider one-way, full closures, or advisory lane striping.	\$
RP-05	Sunset Bikeway	SW Dosch St to SW Captol Hwy	Restripe the roadway to fill gaps in the uphill climbing lane from SW Dewitt St to SW Capitol Hwy. Mark Shared Lane Markings and bikeway signing in the downhill direction. Explore designs to ease transition from bike lane to shared roadway.	\$
RP-07	45th Bike Lanes	SW Pendleton to SW Nevada St	Reorganize roadway with bicycle lanes. May require removal of parking lane from one side of the street. From California to Nevada, configure with downhill shared lane markings.	\$
RP-08	Hoot Owl Corner Connections	SW 30th & SW Vermont St	Infill sidewalk gaps to connect existing sidewalks at Hoot Owl Corner. Establish a protected safer shoulder around the edge of the Hoot Owl slip lane. Install a two stage turn box at SW 30th to allow bicyclists to continue along southbound along Capitol Hwy. Explore the potential of installing a crosswalk to allow pedestrians to cross the SW Capitol Highway slip lane.	\$
RP-09	Inner Capitol Walkway	SW Sunset Blvd to SW Terwilliger Blvd	Reorganize painted median space to establish a safer shoulder walkway with physical protection on one side of the street. This is an interim improvement. Consider compatibility with permanent facilities in TSP 90029.0	\$
RP-10	SW Maplewood Road Slow Safer Shoulder Pilot	SW 52nd to SW 45th Ave	Implement a pilot project to enhance the existing safer shoulder installation with reduced width travel areas and robust double line edge striping. If successful, this design solution may provide additional design options for use on Southwest local streets.	\$
RP-11	Multnomah Walkway	SW 45th Ave to SW Capitol Hwy	Restripe the existing paved space to provide an interim safer shoulder walkway with physical separation from the roadway. Separate bicyclists and pedestrians where possible. Consider compatibility with future permanent facilities as part of TSP 90050.0	\$
RP-14	SW 19th Bike Lanes	SW Barbur Blvd to SW Spring Garden St	Stripe continuous bike lanes.	\$
RP-17	SW 35th Protected Bike Lanes	SW Ridge Dr to SW Arnold St	Restripe the road to create parking protected bike lanes.	\$
RP-18	SW Cameron/45th Advisory Shoulders	SW Shattuck Rd to SW 4th Ave	Pilot project to test advisory shoulders on neighborhood collector streets. Will require engineering approval, a coordinated education effort, and a plan for before and after monitoring. Success here will support implementation elsewhere in Southwest.	\$
RP-19	SW Talbot Safer Shoulder	SW Patton to SW Fairmount Blvd	Pilot project to test advisory shoulders on local streets. Stripe advisory shoulders to create a safer place to walk and bike. Will require engineering approval, a coordinated education effort, and a plan for before and after monitoring. Success here will support implementation elsewhere in Southwest	\$
RP-20	Boones Ferry to Tryon Connector	SW Arnold St to Tryon Creek State Park Entrance	Delineate a protected safer shoulder connecting the crossing at Arnold St to the entrance to Tryon Creek State Park. Protect with physical separation of some sort	\$

RP-24	Garden Home Uphill Bike Lanes	SW Multnomah Blvd to SW 45th Ave	Restripe existing roadway width to provide an uphill bike lane and downhill shared lane markings.	\$
Safer Shoulder (SS) Projects Safer shoulder projects provide a shoulder space for walking and biking. These shoulders should have physical protection where possible.				
SS-02	Dosch Safer Shoulder	SW Patton Rd to SW Beaverton-Hillsdale Hwy	Construct an enhanced shoulder to improve safety for all modes. This is an interim treatment. Consider compatibility with future permanent facilities as part of TSP90031.3 and 90031.2	\$\$\$
SS-03	Marquam Hill Safer Shoulder	SW Fairmount Blvd to SW 11th Ave	Widen roadway and construct a safer shoulder walkway/bikeway to improve safety for all modes. Mark with shared lane markings in the downhill direction. This is an interim treatment. Consider compatibility with future permanent facilities as part of TSP 90049.3	\$\$
Transit Projects Projects designed to improve transit system operations.				
T-01	Capitol Hwy Enhanced Transit	SW Bertha Blvd to SW Terwilliger Blvd	Conduct early project development to create a conceptual design on enhanced transit features through Hillsdale Town Center. Consider the use of peak hour Business Access and Turn (BAT) lanes, queue jumps, and other features. Consider the opportunity to integrate with off-peak parking lane. When complete, advance the conceptual design into the pipeline for future funding.	\$

For more information, please visit the project website: www.portlandoregon.gov/transportation/SWIM

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