2017 PORT TRANSPORTATION IMPROVEMENT PLAN

FINAL 2/8/2017



Acknowledgments

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INTRODUCTION

The Port of Portland's mission is to provide competitive cargo and passenger access to regional, national and international markets while enhancing the region's quality of life.

For the most part, the Port does not own or control the surrounding transportation system that provides access to its facilities. Good access to Port properties and marine and aviation facilities is a competitive advantage for the region's businesses and residents. The region's economy depends on efficient movement to and through the marine and aviation gateways. Therefore, improvements to the road, rail, water and transit systems that provide access to Port facilities are of vital interest to the Port and to the region's and state's businesses.

Freight movement has historically played a large role in the development of the Portland area economy. Due to its location at the confluence of the Willamette and Columbia Rivers with access to the Pacific Ocean, Portland has long served as a major shipment point in the Pacific Northwest. In addition to the navigable waterways, Portland is also served by two Class 1 rail lines, two interstate highways and a network of other major roads. All of these factors contribute to Portland's development as a major distribution center for freight.

Several recent studies have substantiated the importance of investing in the transportation system and linked those investments to the region's and state's economic health. The Cost of Congestion to the Economy of the Portland Region (updated 2014), sponsored by a consortium of public agencies and private businesses, confirms the transportation dependency of the region's economy and affirms that the region's competitiveness is largely dependent upon its role as a gateway and distribution center. The study determined that improvements in the transportation system produce a 2:1 return for the economy.

The Commodity Flow Forecast Update (2006) produced by DRI/WEFA predicts a doubling of freight volume moving throughout the region in 30 years. This kind of growth will dramatically impact Port facilities and will require significant investments to ensure access to them. The magnitude of regional transportation access investments and their financing are addressed through Metro's Regional Transportation Plan (RTP),

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¹ Roads owned and maintained by the Port of Portland include: NE Airport Way (between I-205 and the Airport terminal), 82nd Ave. (north of NE Alderwood Rd.), NE Frontage Rd., NE Mt. Hood Ave. (north of Airport Way), NE AirTrans Way, part of N Time Oil Rd., T-5 access road, T-6 access roads, old Marine Dr. (west of N Portland Rd.), Ramsey St. (west of Rivergate Blvd.) and other misc. access roads.

Metro's Transportation Improvement Program (MTIP) and the State Transportation Improvement Plan (STIP). Access needs critical to Port facilities are reflected in the Port Transportation Improvement Plan (PTIP).

GOAL AND OBJECTIVES

The Port Transportation Improvement Plan is a multimodal compilation of marine terminal, airport, road, rail, waterway, transit, bicycle, and pedestrian projects, normally identified through transportation and other studies managed by or in coordination with the Port. The plan also identifies a transportation demand management program to be implemented. The plan is designed to organize transportation and transportation-related improvement needs. The goal and objectives of the Port's Transportation Improvement Plan are as follows:

Goal:

Maintain the strategic advantage provided by the transportation system in this region by addressing the surface access needs of businesses and passengers trying to reach national and international markets via Port facilities.

Objectives:

- Identify 5, 10, and 20-year surface transportation system investments that provide and maintain access to Port facilities and property developments.
- Develop a long-range vision for the financial implications of transportation system investments, and integrate this long-range planning with the Port's 5-year capital program.
- Increase public awareness of Port access needs on the city, state and private rail carrier systems.
- Facilitate coordination between the Port and appropriate public and private transportation system stakeholders to make improvements and investments that enhance access to national and international markets for the region's businesses and residents.

ASSUMPTIONS

Contained within this document are projects generally developed from transportation studies based on the region's assumptions about population and employment growth. These assumptions, developed by Metro in cooperation with all the jurisdictions in the region, are allocated to the land use designations of locally adopted comprehensive plans. As population and employment assumptions are updated, the needs of the transportation system are updated. The Port and other local governments participate in transportation systems studies to determine what parts of the surface transportation system (road/transit/rail/bicycle/pedestrian) are insufficient to meet the regional assumptions about passenger and freight movement.

This document represents the Port's assessment of the transportation system and the infrastructure necessary in order to achieve its mission. The PTIP helps the Port focus its transportation priorities and lets the public and the Port's partner jurisdictions know which projects will need cooperative efforts.

PROJECT FUNDING

In recent years, the overall demand for transportation improvements at the local, state and federal levels has vastly exceeded available resources. The PTIP defines Port transportation needs over a 20-year time frame. Some of the transportation improvements are on Port properties, and some are on systems that are the legal responsibility of others but serve Port facilities.

Funding for projects in the PTIP is expected from a number of sources, including the jurisdictions that have legal responsibility for the system and private interests that may benefit from the improvements. The project detail sheets identify the funding sources anticipated to implement these projects. Funds attributed to specific jurisdictions reflect specific funding commitments. Funds designated as "Committed Port Share" are in the Port's approved budget. "Forecasted Port Share" indicates funds which the Port will obtain, whether from its own revenues or with funding from other sources. Where funds are listed as 'Unfunded', either a funding strategy has not yet been defined for the improvement, or changes in the project scope have impacted the existing funding strategy.

PORT PRIORITY PROJECTS

Port facilities support an array of transportation modes and present a wide range of project needs: marine and aviation terminal, road, rail, waterway, transit, bicycle and pedestrian improvements. The PTIP maps include surface transportation projects that improve or provide access to marine and aviation terminals. However, the ability of the marine and aviation terminals to provide the region's businesses with access to markets also depends on the transportation system within the terminal facilities themselves.

Many of the Port's priority transportation projects will involve funding from other agencies and/or the private sector. A significant portion of these projects are off Port property on facilities owned and maintained by other jurisdictions and in areas that are significant transportation bottlenecks for access to national and international markets via Port facilities. Due to size, type and use of the facility, a cooperative funding arrangement among the affected parties will be necessary to adequately fund and implement these projects.

A subgroup of high priority projects deemed to be of strategic value for the Port has been identified to warrant focused attention for obtaining cooperative funding this year.

High Priority Projects Involving Other Funding Sources ¹	Project Cost ²	Map ID #
Cornfoot Road Multimodal Safety Improvements	\$3,708,539	6
T4 Berth 410, 411 Rail Yard Improvements	\$7,800,000	18
Terminal 4 Second Entrance	\$12,000,000	19

Notes:

- 1. Projects are not listed in order of priority.
- 2. Refer to Priority Reports for funding break-out

Funded High Priority Projects Involving Other Funding Sources ¹	Project Cost ²	Map ID #
Auto Import/Export Expansion	\$6,740,256	14
Rivergate Boulevard Overcrossing	\$19,549,000	23

Notes

- 1. Projects are not listed in order of priority.
- 2. Refer to Priority Reports for funding break-out

For surface transportation projects, the following criteria determine which projects have been considered for cooperative funding:

- The project improves access to Port terminals or properties and is critical to Port strategic development in either a) the next ten years, or b) the next twenty years, with aspects of the project required to begin within the next ten years.
- 2. The project also serves other city, regional, state or national transportation and/or economic functions.
- 3. The project is included or, prior to construction, will be included in the Regional Transportation Plan (RTP).
- 4. The project meets the eligibility criteria for federal funding.

Priority Surface Transportation Projects Involving Other Funding Sources ¹	Project Cost ²	Map ID #
Cully Intersection @ Columbia Blvd.	\$6,575,000	2
82 nd Avenue/Airport Way Grade Separation	\$75,000,000	5
Time Oil Road Reconstruction	\$9,000,000	22
Intelligent Transportation System (ITS) Improvements	\$680,000	13, 16, 25

Notes:

- 1. Projects are not listed in order of priority.
- 2. Refer to Priority Reports for funding break-out.

Funded Priority Surface Transportation Projects Involving Other Funding Sources ¹	Project Cost ²	Map ID #
Alderwood Intersection @ Columbia Blvd.	\$5,058,349	1
Swigert Way Extension	\$2,500,000	31
Graham Road	\$10,000,000	32
40 Mile Loop Trail: Blue Lake Park to Sundial Rd.	\$3,424,073	34
Sundial Road Improvements	\$3,200,000	35

Notes:

- 1. Projects are not listed in order of priority.
- 2. Refer to Priority Reports for funding break-out.

For priority marine terminal and aviation capital projects, the following criteria determine which projects have been considered for cooperative funding:

- 1. The project improves operation of Port terminals or airports and is critical to Port strategic development in the next ten years.
- 2. The project provides significant economic benefit to the region and state by a) improving market access for all terminal or airport users, or b) improving the operation of port tenant facilities that provide a significant number of jobs.

These projects are consistent with the Port's adopted budget and long term capital forecast.

Priority Marine Terminal Projects Involving Other Funding Sources ¹	Project Cost ²	Map ID#
Barnes to Terminal 4 Rail	\$10,543,000	12
Terminal 4 Pier 1 Site Preparation	\$38,000,000	15
Columbia River Jetty Refurbishment	\$75,000,000	21

Notes:

- 1. Projects are not listed in order of priority.
- 2. Refer to Priority Reports for funding break-out.

Funded Priority Marine Terminal Projects Involving Other Funding Sources ¹	Project Cost ²	Map ID#
Terminal 6 Container Crane Modernization	\$3,634,260	9
Terminal 6 Crane Drive Electronics	\$2,000,000	10

Notes:

- 1. Projects are not listed in order of priority.
- 2. Refer to Priority Reports for funding break-out.

Priority Aviation Projects Involving Other Funding Sources ¹	Project Cost ²	Map ID#
HIO Relocate Charlie Pattern Landing Site	\$391,000	7
HIO Relocate Taxiway AA	\$4,700,000	8
TTD Reconstruct Runway 7-25	\$12,534,000	35

Notes: 1. Projects are not listed in order of priority.

2. Refer to Priority Reports for funding break-out.

PROJECT REPORTS AND MAPS

The following pages contain a list of all projects, followed by maps of project locations and individual project reports. The first map and group of reports are for *priority projects* in all locations. Following the priority projects are the other projects by area, along with area maps. It should be noted that the area maps include both priority and non-priority projects. The project reports include such details as a brief description, purpose, funding information, cost estimate rating, time frame, and strategic alignment.

Acronym Key:

PIC	Portland International Center
PDX	Portland International Airport
WHI	West Hayden Island
TRIP	Troutdale Reynolds Industrial Park
TTD	Troutdale Airport
HIO	Hillsboro Airport
GVBP	Gresham Vista Business Park

Time Frame:

Projects identified in the PTIP are shown as occurring in the 5, 10, or 20-year time frames. Projects within the 5-year time frame are expected to occur within the next five years. Projects within the 10-year time frame are expected to occur between five and ten years from the time of PTIP adoption. Similarly, projects within the 20-year time frame are expected to occur between 10 and 20 years from the time of PTIP adoption.

The time frames shown are estimates. The listing of a project in a given period does not ensure that it will be constructed in that time frame. Rather, projects will be constructed when transportation/business needs support them and when funding becomes available. For many projects, this need has already been identified. However, others depend on a variety of factors, including development at Port facilities and the changing challenges of the region's transportation system.

Port Strategic Plan Alignment

The mission of the Port is to enhance the region's economy and quality of life by providing efficient cargo and air passenger access to national and global markets.

Critical to the Port's effectiveness in implementing its mission are the following strategic areas of focus.

- Provide leadership around regional transportation infrastructure
- Retain and grow key services (Aviation and Marine)
- Be a regional leader in industrial land acquisition and development
- Implement a Portwide environmental strategy that supports the Port's requirements, generates savings and maintains/builds regional credibility as an environmental steward
- Build a sustainable financial model
- Strengthen the Port's culture as a strategic asset

The project reports identify which of the strategic areas of focus the projects most closely align with. The first four areas of focus identified above are the primary categories of alignment. The following abbreviations of the above strategies are included in the project reports.

- Regional Leadership in Transportation
- Retain and Grow Key Services
- Regional Leadership in Industrial Lands
- Portwide Environmental Strategy

Cost Estimate Rating

When applicable, the project reports shown in the PTIP contain cost estimate ratings. The purpose of the rating is to provide those using the estimates with a qualitative measure of its precision for a project. Since the precision of an estimate is a function of the clarity of project scope (scope accuracy) and the level of effort expended to produce the desired estimate (engineering effort), the rating scale is designed to reflect both of these factors. Below are the definitions of each of these categories.

Scope Accuracy	
11.4	D

Level 1 **Project scope is defined.**

Level 2 **Project scope is conceptual.** Scope lacks

detail due to potential permit requirements; unknown project conditions; limited knowledge

of external impacts.

Level 3 **Project scope has limited detail.**

Engineering Effort

Level A Preliminary engineering has been

performed. Technical information is available, engineering calculations have been performed; clear understanding of the materials size and quantity needed to execute the job. Schedule is understood; staff and permitting is fairly clear. Contingency generally ranges between

15% and 20%.

Level B Conceptual engineering has been

performed. Technical information is available, rough engineering calculations may have been performed, or similar information from previous

similar work is compared and used.

Contingency generally ranges between 20%

and 30%.

Level C No engineering has been performed.

Limited technical information is available and/or limited analysis has been performed. Contingency generally ranges between 40%

and 50%.

Note: Projects that are the responsibility of a private entity or are the responsibility of another agency generally are not given cost estimate ratings. The costs listed are for the year the estimate was done. Due to cost escalation and other factors the projected costs will vary over time.

PTIP MASTER PROJECT LIST

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
1	Alderwood and Columbia Blvd. Intersection	Widen and signalize intersection on Columbia Boulevard at Alderwood Rd.	Provide transportation link to the cargo area located within the south airport area and to support Columbia Corridor freight movement.	5	\$5,058,349	•	PDX/PIC
2	Cully Blvd. and Columbia Blvd. Intersection	Widen and signalize intersection on Columbia Boulevard at Cully Blvd.	Provide transportation link to the cargo area located within the south airport area and to support Columbia Corridor freight movement.	5	\$6,575,000	•	PDX/PIC
3	PDX Northside Redevelopment	Redevelop the landside and airside properties north of Airport Way for commercial aviation, business aviation and PDX ancillary and support services.	Align these properties with current market conditions.	5	\$5,800,000	•	PDX/PIC
4	PIC Ped/Bike Network	Construct bike and pedestrian facilities as shown in the CS/PIC Plan District.	Improve bike/ped circulation in PIC.	10	\$1,163,835	•	PDX/PIC
5	82nd Ave./Airport Way Grade Separation	Construct grade-separated overcrossing.	Provide efficient movement of traffic to PDX properties.	10	\$75,000,000	•	PDX/PIC
6	Cornfoot Road Multimodal Safety Improvements	Provide a separated multi-use path on the north side of NE Cornfoot Road.	Increase safety and provide improved bicycle and pedestrian access along NE Cornfoot Road.	5	\$3,708,539	•	PDX/PIC

				Time Frame			
Map ID	Project Name	Project Description	Purpose	(Years)	Total Cost	Priority	Area Map
7	HIO Relocate Charlie Pattern Landing Site	Construct a new landing site for helicopters that use the Charlie flight pattern at HIO.	Serve helicopter training operations, and avoid operations over noise sensitive residential zones.	5	\$391,000	✓	Hillsboro
8	HIO Relocate Taxiway AA	Relocate a new taxiway AA.	Replace existing Taxiway AA with a new taxiway with the appropriate design separation from Taxiway A. Construct a perimeter road extension between Taxiway AA and existing tenant ramps.	10	\$4,700,000		Hillsboro
9	Terminal 6 Container Crane Modernizations	The project will increase operating efficiencies and improve safety on Cranes 6373, 6374, 6375, and 6379.	The project will increase the reliability of cargo handling equipment, and provide more reliable service to customers.	5	\$3,634,260	✓	Rivergate
10	Terminal 6 Crane Drive Electronics	Crane management system upgrades for Cranes 6373 and 6374.	Improve operational efficiencies for the container cranes.	5	\$2,000,000	✓	Rivergate
11	T6 Crane Drives for Cranes 6380 and 6381	Crane management system upgrades for Cranes 6380 and 6381.	Improve operational efficiencies for the container cranes.	5	\$2,000,000	•	Rivergate
12	Barnes to Terminal 4 Rail	Provide a new track from Barnes Yard to Terminal 4. Includes replacement of Lombard Bridge.	Improve rail access to Terminal 4.	5	\$10,543,000	✓	Rivergate

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
13	Rivergate ITS	Intelligent Transportation System in Rivergate.	Improve traffic efficiency in Rivergate by connecting information about the roadway system to ODOT's Highway information systems.	5	\$480,000	✓	Rivergate
14	Auto Import /Export Expansion	The project will construct site improvements to expand the storage and processing capacity for auto imports and exports through Berth 601 at Terminal 6. By increasing the storage and processing capacity, throughput will be increased.	Increase the storage and processing capacity for auto imports and exports through Berth 601, thereby allowing for an increase of volumes, leading to increased employment.	5	\$6,740,256	✓	Rivergate
15	Terminal 4 Pier 1 Site Preparation	Remove Berths 405 and 408, the grain leg platform and tower, and the grain elevator in the Pier 1 area of Terminal 4.	This project will facilitate the redevelopment of approximately 30 acres of vital marine industrial property in the Portland Harbor.	5	\$38,000,000	✓	Rivergate
16	Marine Drive ITS Improvement	Install a CCTV at Portland Road and changeable message signs at N. Portland Road, North Vancouver Way and NE 185th Drive.	Improve traffic efficiency in the Columbia Corridor.	10	\$200,000	•	Rivergate
17	T4 Pier 1 Tracks 704-709	Perform upgrades and rehabilitation on tracks 704-709.	Support rail car storgae needs of Terminal 4 tenants	5	\$450,000	•	Rivergate
18	T4 Berth 410, 411 Rail Yard Improvements	Construct additional rail track in the Berth 410 and 411 Rail Yard.	Improve the efficiency of the rail yard by creating additional rail capacity.	10	\$7,800,000	✓	Rivergate

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
19	T4 Second Entrance	Design and construct a second entrance to Terminal 4.	Support additional rail expansion at the terminal.	5	\$12,000,000	✓	Rivergate
20	Terminal 5 Entrance Road	Provide improvements on the south side of the roadway as well as rail crossing improvements.	The project will address increased traffic needs.	5	\$2,369,012	✓	Rivergate
21	Columbia River Mouth Jetty Refurbishment	Refurbish and repair the north and south jetties and Jetty A at the mouth of the Columbia River.	This is a critical repair of the jetties at the Columbia River Bar.	10	\$75,000,000	✓	Rivergate
22	Time Oil Road Reconstruction	Reconstruct Time Oil Road.	Provide improved access to South Rivergate industrial area.	10	\$9,000,000	✓	Rivergate
23	Rivergate Boulevard Overcrossing	Grade separate the South Rivergate Lead at Rivergate Blvd.	Improve rail and vehicle traffic flow in Rivergate Industrial District.	5	\$19,549,000	✓	Rivergate
24	Terminal 2 Crane Upgrades	The project will modify and upgrade Cranes 2371 and 2372, located at Terminal 2. The improvements will increase the suitability and efficiency of the crane to handle bulk cargoes.	The improvements will increase the suitability and efficiency of the cranes to handle bulk cargoes.	5	\$2,750,000	✓	T2/Swan Island
25	PSU ITS Expansion	Expand PSU's existing web based ITS "count sensor" program beyond the freeway to some key arterials throughout the region and create a repository of regional freight data.	To secure truck flow and congestion data.	5		•	T2/Swan Island

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
26	Terminal 2 Yard and Rail Improvement	Reconstruct rail and pavement at Terminal 2.	Increase rail and yard operating efficiencies at Terminal 2.	5	\$16,500,000	•	T2/Swan Island
27	Dredge Oregon Pipe, Scows and Pontoons	Acquire 2,000 feet of dredge pipe, pontoons, anchor scows and anchors.	Allow Dredge Oregon to make full use of recent repower and pump material 14,000 feet.	5	\$10,200,000	✓	T2/Swan Island
28	New Dredge Tender	Replace the existing vintage tugboat W.L. Williams with a newly constructed modern work-boat vessel. Repower tugboat Clackamas.	Improve operational support for Dredge Oregon dredging operations and improve environmental performance	5	\$7,600,000	•	T2/Swan Island
29	T2 Crane Drives and Cabs for Cranes 2371 and 2372	Crane management system and cab upgrades for Cranes 2371 and 2372.	Improve operational efficiencies for the cargo handling cranes.	5	\$2,600,000	•	T2/Swan Island
30	Dredge Oregon Support Equipment	Repower or replace navigation equipment including support vessels and landside equipment such as bulldozers.	Improve productivity and environmental performance.	5	\$2,000,000	•	T2/Swan Island
31	Swigert Way Extension	Extend Swigert Way from it existing terminus to Graham Road.	Improve access to Troutdale Reynolds Industrial Park.	5	\$2,500,000	✓	East County
32	Graham Road	Reconstruct and/or widen Graham Road along and nearTroutdale Reynolds Industrial Park frontage.	Improve access to Troutdale Reynolds Industrial Park Phase 2.	5	\$10,000,000	•	East County
33	TTD Reconstruct runway 7- 25	Reconstruct existing 150' x 5400' runway; narrow to 75' wide, relocated/reconstruct edge lighting, construct required drainage improvements.	Project identified in 2004 TTD Master Plan.	5	\$12,534,000	•	East County

				Time Frame			
Map ID	Project Name	Project Description	Purpose	(Years)	Total Cost	Priority	Area Map
34	40 Mile Loop Trail: Blue Lake Park to Sundial Rd.	Construct a mixed use off road trail connecting Blue Lake Park and Sundial Road.	Combined with the Port's Reynolds levee trail it will complete gaps in the 40 Mile Loop Trail.	5	\$3,424,073	✓	East County
35	Sundial Road Improvements	Widen Sundial Road north of Swigert Way.	Accommodate Troutdale Reynolds Industrial Park and other traffic.	5	\$3,200,000	•	East County
36	Reynolds Site Road Access Phase 3	Road improvements to serve Phase 3 industrial development. Actual project will be developed in coordination with stakeholders.	Address off-site transportation impacts.	10		✓	East County
37	Columbia Blvd. Improvements at MLK	Construct right turn lane on Columbia at MLK.	Improve connectivity for freight traffic between Columbia Blvd. and Rivergate.	5	\$3,359,259		PDX/PIC
38	I-5/Columbia Blvd. Improvement	Construct a full interchange at Columbia Blvd. or the functional equivalent. Includes three projects: Delta Park Phase II and III and Argyle on the Hill.	Improve connections between Columbia Blvd. and I- 5 for trucks.	10	\$51,773,032		PDX/PIC
39	11th/13th (at Columbia Blvd.): Crossing Elimination	If feasible, eliminate the at-grade crossing and improve alternate roadway access.	Improve Kenton Mainline operation and eliminate a modal conflict.	5	\$1,000,000		PDX/PIC
40	Columbia Blvd. Widening (82nd Ave 60th Ave.)	Widen Columbia Blvd. to five lanes.	Address system bottleneck along Columbia Blvd.	20	\$15,000,000		PDX/PIC

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
41	PDX Transportation Demand Management (TDM)	Implement strategies at PDX and PIC properties that reduce auto trips in the airport area. Programs to be undertaken with other area businesses/developers to maximize effectiveness; possible bus shuttle through Tri Met.	Fulfill TDM requirements of PDX Master Plan. Implement TDM projects and programs recommended in the PDX Alternative Modes Study.	5			PDX/PIC
42	I-205 Auxiliary Lane NB	New auxiliary lane from I-84 to I-205 NB before Columbia Blvd.	Provide additional capacity for anticipated growth in area traffic.	5	\$6,700,000		PDX/PIC
43	SW Quad Access	Provide street access from 33rd Ave. into SW Quad.	Provide efficient movement of traffic to developing PDX properties.	10	\$5,917,500		PDX/PIC
44	Airport Way Braided Ramps	Construct braided ramps between the I-205 interchange and Cascade Interchange.	Maintain safety and capacity of Airport Way and interchanges.	20	\$59,000,000		PDX/PIC
45	Alternative Fuels Station	Construct a PDX alternative fuels station.	Provide refueling capabilities for both landside (public) CNG vehicles. Encourage airport businesses to convert fleets to CNG to improve air quality.	5	\$1,000,000		PDX/PIC
46	Deplaning Curbside Roadway Lanes	Add New Lane.	Provide additional capacity for anticipated growth in passenger traffic.	10	\$2,976,000		PDX/PIC
47	Deplaning Curbside Roadway Loading	Add New Lane.	Provide additional capacity for anticipated growth in passenger traffic.	10	\$324,000		PDX/PIC

				Time Frame			
Map ID	Project Name	Project Description	Purpose	(Years)	Total Cost	Priority	Area Map
48	Terminal Exit Roadway at P. O. Curves	Add New Lane.	Provide additional capacity for anticipated growth in passenger traffic.	5	\$1,500,000		PDX/PIC
49	Terminal Exit Roadway at Parking Plaza	Add New Lane.	Provide additional capacity for anticipated growth in passenger traffic.	5	\$1,104,000		PDX/PIC
50	33rd Avenue/Marine Drive Intersection Improvements	Signalize the intersection of NE 33rd Avenue and Marine Drive.	Improve safety and access for 33rd Avenue. May incorporate bike and ped facilities as well.	5	\$5,760,643		PDX/PIC
51	Alderwood Street Bikeway	Provide bike lanes or pathway on Alderwood Road between Columbia Blvd. and the Alderwood Trail	Improve safety and provide better separation from motor vehicle traffic.	5	\$561,200		PDX/PIC
52	82nd/Airport Way Crosswalk	Modify Crosswalks, Pedestrian signals, and sidewalks between Airport Way and Frontage Road	Safety Enhancement	5			PDX/PIC
53	Bicycle/Pedestrian Upgrades	Modify existing paths and routes along N. Frontage Road and 82nd Avenue.	Implement recommendations from independent audit.	5			PDX/PIC
54	HIO Wash Racks	Construct new wash racks for tenant and itinerant aircraft washing with pollution control system to keep wash water out of storm system.	Improve environmental performance at the airport.	5	\$620,100		Hillsboro

				Time Frame			
Map ID	Project Name	Project Description	Purpose	(Years)	Total Cost	Priority	Area Map
55	HIO Taxiway to NW Corporate Center	Construct a taxiway to serve new tenant leasehold development.	New tenant development in the area behind the HIO ATCT will require airside infrastructure.	10	\$1,050,000		Hillsboro
56	HIO Reconstruct Runway 13R/31L	Reconstruct the runway in three phases, including lighting, drainage, and taxiway improvements.	Provide improvements identified in HIO 2006 Master Plan.	5	\$32,132,000		Hillsboro
57	HIO 13R-31L RSA Modifications	Implement modifications to reduce waterfowl habitat in the runway safety area.	Modify and mitgate for water features in the runway safety area.	5	\$4,725,000		Hillsboro
58	HIO Taxiway A Reconstruction	Rehabilitate full length parallel Taxiway A including drainage, lighting, and markings.	Provide improvements identified in HIO 2006 Master Plan	5	\$13,000,000		Hillsboro
59	Kenton Rail Line Upgrade	Upgrade existing track to second main track with new double track from Peninsula Junction to I-205 and increase track speeds between North Portland, Peninsula Junction, to Reynolds on UP's Kenton Line.	Expand rail capacity and reduce delays for greater efficiency.	10	\$25,382,000		Rivergate
60	Cathedral Park Quiet Zone	Address rail switching noise by improving multiple public rail crossings in the St. Johns Cathedral Park area.	To allow auto import operations to continue to grow in N. Portland and improve neighborhood livability.	5	\$8,200,000		Rivergate
61	North Portland Junction	Upgrade railroad with revised crossovers, centralized traffic control tie-in and increased turning radius.	Accommodate higher rail speeds at the junction which provides greater capacity.	10	\$9,160,000		Rivergate

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
62	I-5 Columbia River Crossing	Increase the number of lanes and add transit capacity across the river.	Increase multi-modal capacity across the Columbia River and relieve congestion.	10	\$2,982,000,000		Rivergate
63	N. Hayden Island Drive	Reconstruct N. Hayden Island Drive.	Provide improved access to West Hayden Island.	20	\$12,000,000		Rivergate
64	West Hayden Island Rail Access	Rail access from the mainline to support West Hayden Island development.	Advance rail-dependent development.	20	\$3,000,000		Rivergate
65	West Hayden Island Rail Yard	Construct rail yard connected to facility trackage.	Advance rail development on West Hayden Island.	20	\$9,500,000		Rivergate
66	West Hayden Island Interior Access Road	Construct interior roadway including rail overpass and berth access.	Provide roadway for new West Hayden Island terminal.	20	\$13,600,000		Rivergate
67	St. Johns Pedestrian District	Improvements could include restriping, curb extensions and other pedestrian and bicycle amenities on Lombard St. that do not impede truck movement, as well as intersection improvements and signalization.	Maintain truck movement and minimize conflicts with bicycles and pedestrians between Philadelphia Ave. and Lombard St. at Pier Park.	5	\$3,346,000		Rivergate
68	Columbia Blvd./Portland Rd. Intersection Improvements	Redesign could include realignment of travel lanes, channelization, signalization, signing or new sidewalks and curbs.	Reinforce through truck movements on minor and major truck streets (Portland Rd. and Columbia Blvd. respectively), minimizing neighborhood cut-through traffic.	5	\$1,214,000		Rivergate
69	Marine Dr. Improvement Phase 2	Construct rail overcrossing on Marine Dr.	Avoid road/rail conflict.	20	\$13,644,200		Rivergate

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
70	Willamette River Channel Deepening	Deepen the portions of the Willamette River with deep draft infrastructure to -43' where appropriate.	To allow Willamette River terminals to also benefit from the Columbia River's new controlling depth.	10	\$200,000,000		Rivergate
71	Dredged Material Management Plan	Establish a plan to manage recurring deposition of Columbia River dredge material from the navigation channel.	Ensure there is sufficient dredged material disposal capacity for a minimum of 20 years.	10			Rivergate
72	Columbia River Anchorage Improvements	Increase number and size of anchorages up and down the Columbia River.	Allow for additional vessel capacity in the river for efficiency and safety reasons.	5			Rivergate
73	T6 Suttle Road Entrance	Construct access road from terminus of Suttle Road.	To support development of east end of T6.	20	\$3,000,000		Rivergate
74	T6 Development Project	This program includes Additional Scour Protection, T6 Entrance Overcrossing, Two New PPMX Cranes, Terminal Electrical Upgrades, Yard Gantry Cranes and 6,800' Arrival and 8,500' Departure Tracks.	This program is needed to upgrade the terminal to expand the capacity of the container terminal to 1 Million TEUs.	10	\$80,000,000		Rivergate
75	T4 B416 Lay Berth Improvements	This project will design, permit and install electrical equipment upgrades necessary to allow vessels to lay berth at B416	The project is needed to allow vessels to lay berth at Berth 416. This will help the Port retain and grow key services and to be a leader in transportation infrastructure.	5	\$1,000,000		Rivergate

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
76	Terminal 4 Automobile Yard Expansion	Design and construct six acres of porous pavement parking for the storage of imported automobiles.	The project will provide additional land to meet auto storage capacity needs of Toyota, supporting the Port's automobile import business line.	10	\$3,000,000		Rivergate
77	BNSF Fallbridge Double Tracking	Double-track the Fallbridge line to Washougal.	Increases capacity of the BNSF east-west mainline serving Port of Portland.	10	\$72,000,000		Rivergate
78	Berth Deepening at T2 and T4	Deepen berths at Terminals 2 and 4 to allow deeper draft vessels to transit the planned 43 foot channel. Tied to Willamette River Channel Deepening.	Allow better utilization of Panamax-class bulk vessels.	10	\$2,000,000		Rivergate
79	Bonneville Rail Yard Build Out	Construct two interior yard tracks and complete the double track lead from the wye at the east end of the yard to Barnes Yard.	Add rail staging capacity for South Rivergate.	10	\$3,600,000		Rivergate
80	Ramsey Yard Utilization	Connect existing set out track with industrial lead.	Improve unit train staging capabilities at Ramsey Rail Yard.	10	\$1,700,000		Rivergate
81	T2 Berth 204 Lay Berth Improvements	This project will design, permit berth deepening and electrical upgrades necessary to allow vessels to lay berth at Berth 204.	The project is needed to allow vessels to lay berth at Berth 204. This will help the Port retain and grow key services and to be a leader in transportation infrastructure.	5	\$1,000,000		T2/Swan Island

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
82	Swan Island Berth 315 Lay Berth Improvements	Design, permit berth deepening, electricla upgrades, fendering, and vehcile access for Berth 315.	The project is needed to allow vessels to lay berth at B204. This will help the Port retain and grow key services and to be a leader in transportation infrastructure.	5	\$3,500,000		T2/Swan Island
83	North Willamette Greenway Trail	Pedestrian and bicycle trail from Kelly Point Park to the Steel Bridge along the Willamette River. The money associated for this project is for a study only.	Improve pedestrian and bicycle connectivity in North Portland. Coordinate implementation with the City of Portland.	20	\$500,000		T2/Swan Island
84	Portland Terminal Railroad Power Switches	Install Dispatcher Controlled Power Switches between Lake Yard and Terminal 2.	Will reduce time it takes for trains to travel from Lake Yard to Terminal 2, reducing blockage of mainline.	5	\$10,805,000		T2/Swan Island
85	Sandy Blvd. Widening to 4 lanes	Sandy Blvd. widen to 4 lanes and center turn lane (181st-202nd) with sidewalks and bike lanes.	Improve east west capacity and serve developing industrial property.	10	\$10,000,000		East County
86	Riverside Drive Extension	Riverside Dr. Extension (Riverside Parkway to Portal Way).	Serve developing industrial parcels.	5	\$10,975,110		East County
87	Sandy Blvd. Widening to 3 lanes	Sandy Blvd. widen to 3 lanes (207th to 238th), add sidewalks and bike lanes.	Improve east-west capacity and serve adjacent developing industrial property.	10	\$7,438,000		East County
88	NE Hogan at NE Stark Street	Add right turn lanes on all approaches and second northbound and southbound left turn lanes.	Address intersection capacity affecting access to Gresham Vista Business Park.	5	\$1,908,431		East County

				Time Frame			
Map ID	Project Name	Project Description	Purpose	(Years)	Total Cost	Priority	Area Map
89	NE 223rd at Stark	Add eastbound and northbound right turn lanes and southbound left turn lanes.	Address intersection capacity affecting access to Gresham Vista Business Park.	5	\$1,196,756		East County
90	NE 238th Drive: Halsey to Glisan	Construct improvements for freight by modifying road curvature. Also adds improvements for bikes and pedestrians.	Will improve freight access to Gresham Vista Business Park.	5	\$9,769,340		East County
91	223rd Avenue Widening	Widen to three lanes between Halsey St and Marine Drive.	Upgrade the facility to major collector urban street standards.	5	\$3,667,000		East County

Project Name: Alderwood and Columbia Blvd. Intersection

Map ID:	1 Time Frame (Years): 5 years	Total Cost:	\$5,058,349
Project Type:	Road	Year of Cost	2013
Operation Area	PDX/PIC	Estimate:	
Project Description:	Widen and signalize intersection on Columbia Boulevard	l at	\$4,538,856
	Alderwood Rd.	<u>State.</u>	
		<u>City:</u>	
Purpose:	Provide transportation link to the cargo area located with		
	the south airport area and to support Columbia Corridor freight movement.	Port Share Committed:	\$519,493
JDE NUM:	810020	<u>Port Share</u> <u>Forecasted:</u>	
RTP Related:	10336	<u>Private:</u>	
Recent Study:	Airport Futures Transportation Impact Study (2010)	Other:	
Dort Stratagia Arası	Databased One We Construe	<u>Unfunded:</u>	
RTP 2040 Illustra	Retain and Grow Key Services tive	Estimate Rating: 2b	
▼ RTP 2040 filustra		Estimate Hating. 20	
Project Name:	Cully Blvd. and Columbia Blvd. Inters 2 Time Frame (Years): 5 years	Total Cost:	\$6,575,000
Project Type:	Road	<u>Year of Cost</u> <u>Estimate:</u>	2013
Operation Area	PDX/PIC	<u>Federal:</u>	
Project Description:	Widen and signalize intersection on Columbia Boulevard		
	Cully Blvd.	<u>City:</u>	
		SDC:	
Purpose:	Provide transportation link to the cargo area located with the south airport area and to support Columbia Corridor	in <u>SDC.</u> Port Share	
	freight movement.	Committed:	
JDE NUM:		Port Share	
RTP Related:	10336	Forecasted:	
Recent Study:	Airport Futures Transportation Impact Study (2010)	<u>Private:</u> <u>Other:</u>	
			\$6,575,000
	Retain and Grow Key Services	<u>Sindiaca.</u>	$\omega \cup . \cup / \cup . \cup \cup \cup$
✓ RTP 2040 Illustra		Ectimate Detinar at	*-,,
✓ RTP 2040 Consti	_ ,	Estimate Rating: 2b	*-,

Project Name: PDX Northside Redevelopment **Map ID**: 3 Time Frame (Years): **Total Cost:** 5 years \$5,800,000 **Year of Cost** Project Type: Aviation 2013 **Estimate:** Operation Area PDX/PIC Federal: Project Description: Redevelop the landside and airside properties north of State: Airport Way for commercial aviation, business aviation and PDX ancillary and support services. City: SDC: **Purpose:** Align these properties with current market conditions. **Port Share Committed: Port Share** JDE NUM: Forecasted: RTP Related: 11650 Private: Recent Study: Airport Futures Other: **Unfunded:** \$5.800.000 Port Strategic Area: Retain and Grow Key Services **Estimate Rating:** ✓ RTP 2040 Illustrative Conditioned Project **✓** RTP 2040 Constrained Identified in STIP Project Name: PIC Ped/Bike Network Map ID: 4 Time Frame (Years): 10 years **Total Cost:** \$1,163,835 **Year of Cost** Project Type: Bike/Ped Estimate: 2007 Operation Area PDX/PIC Federal: Project Description: Construct bike and pedestrian facilities as shown in the State: CS/PIC Plan District. City: SDC: Purpose: Improve bike/ped circulation in PIC. **Port Share** Committed: Port Share JDE NUM: Forecasted: RTP Related: 10368 Private: Recent Study: 2014 Airport Bike and Pedestrian Master Plan Other: **Unfunded:** \$1.163.835 Port Strategic Area: Regional Leadership in Industrial Land Estimate Rating: 3c ✓ RTP 2040 Illustrative Conditioned Project

Identified in STIP

✓ RTP 2040 Constrained

Project Name: 82nd Ave./Airport Way Grade Separation

Map ID:	5 Time Frame (Years): 10 years	<u>Total Cost:</u> \$75,000,000
Project Type:	Road	Year of Cost Estimate: 2007
Operation Area	PDX/PIC	Federal:
Project Description:	Construct grade-separated overcrossing.	State:
		<u>City:</u>
		 _
Purpose:	Provide efficient movement of traffic to PDX properties.	SDC:
		Port Share Committed:
JDE NUM:	101474	Port Share
RTP Related:	10362	Forecasted: \$50,000,000
	Airport Futures Transportation Impact Study (2010)	Private:
neoem olday.	Airport addres Transportation impact diddy (2010)	Other:
Port Strategic Area:	Retain and Grow Key Services	<u>Unfunded:</u> \$25,000,000
✓ RTP 2040 Illustra	tive Conditioned Project	Estimate Rating: 3c
✓ RTP 2040 Constr	ained Identified in STIP	
Project Name:	Cornfoot Road Multimodal Safety In	nprovements
Project Name:		nprovements Total Cost: \$3,708,539
	_	Total Cost: \$3,708,539 Year of Cost
Map ID: Project Type:	6 Time Frame (Years): 5 years	Total Cost: \$3,708,539 Year of Cost Estimate: 2013
Map ID: Project Type: Operation Area	6 Time Frame (Years): 5 years Bike/Ped PDX/PIC	Total Cost: \$3,708,539 Year of Cost Estimate: 2013 Federal:
Map ID: Project Type: Operation Area	6 Time Frame (Years): 5 years Bike/Ped	Total Cost: \$3,708,539 Year of Cost Estimate: 2013 Federal:
Map ID: Project Type: Operation Area	6 Time Frame (Years): 5 years Bike/Ped PDX/PIC Provide a separated multi-use path on the north side of	Total Cost: \$3,708,539 Year of Cost Estimate: 2013 Federal:
Map ID: Project Type: Operation Area Project Description:	6 Time Frame (Years): 5 years Bike/Ped PDX/PIC Provide a separated multi-use path on the north side of Cornfoot Road.	Total Cost: \$3,708,539 Year of Cost Estimate: 2013 Federal: State:
Map ID: Project Type: Operation Area Project Description:	6 Time Frame (Years): 5 years Bike/Ped PDX/PIC Provide a separated multi-use path on the north side of	Total Cost: \$3,708,539 Year of Cost Estimate: 2013 Federal: State: City:
Map ID: Project Type: Operation Area Project Description:	6 Time Frame (Years): 5 years Bike/Ped PDX/PIC Provide a separated multi-use path on the north side of Cornfoot Road. Increase safety and provide improved bicycle and	Total Cost: \$3,708,539 Year of Cost Estimate: 2013 Federal: State: City: SDC:
Map ID: Project Type: Operation Area Project Description:	6 Time Frame (Years): 5 years Bike/Ped PDX/PIC Provide a separated multi-use path on the north side of Cornfoot Road. Increase safety and provide improved bicycle and	Total Cost: \$3,708,539 Year of Cost Estimate: 2013 Federal: State: City: SDC: Port Share Committed: Port Share
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	6 Time Frame (Years): 5 years Bike/Ped PDX/PIC Provide a separated multi-use path on the north side of Cornfoot Road. Increase safety and provide improved bicycle and pedestrian access along NE Cornfoot Road.	Total Cost: \$3,708,539 Year of Cost Estimate: 2013 Federal: City: SDC: Port Share Committed: Port Share Forecasted:
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	6 Time Frame (Years): 5 years Bike/Ped PDX/PIC Provide a separated multi-use path on the north side of Cornfoot Road. Increase safety and provide improved bicycle and pedestrian access along NE Cornfoot Road.	Total Cost: \$3,708,539 Year of Cost Estimate: 2013 Federal: City: SDC: Port Share Committed: Port Share Forecasted: Private:
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	6 Time Frame (Years): 5 years Bike/Ped PDX/PIC Provide a separated multi-use path on the north side of Cornfoot Road. Increase safety and provide improved bicycle and pedestrian access along NE Cornfoot Road.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	6 Time Frame (Years): 5 years Bike/Ped PDX/PIC Provide a separated multi-use path on the north side of Cornfoot Road. Increase safety and provide improved bicycle and pedestrian access along NE Cornfoot Road.	Total Cost: \$3,708,539 Year of Cost Estimate: 2013 Federal: City: SDC: Port Share Committed: Port Share Forecasted: Private:
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	6 Time Frame (Years): 5 years Bike/Ped PDX/PIC Provide a separated multi-use path on the north side of Cornfoot Road. Increase safety and provide improved bicycle and pedestrian access along NE Cornfoot Road. 10340 Regional Leadership in Transportation	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:

Project Name: HIO Relocate Charlie Pattern Landing Site

мар ір:	Ime Frame (Years): 5 years	<u> I otal Cost:</u>	\$391,000
Project Type:	Aviation	Year of Cost Estimate:	2014
Operation Area	Hillsboro		2014
Project Description:	Construct a new landing site for helicopters that use the	<u>Federal:</u>	
	Charlie flight pattern at HIO.	State:	
		City:	
Purpose:	Serve helicopter training operations, and avoid operations	SDC:	
	over noise sensitive residential zones.	Port Share Committed:	
JDE NUM:	101032	Port Share	
RTP Related:		<u>Forecasted:</u> <u>Private:</u>	
Recent Study:		Other:	
•			4004.000
	Retain and Grow Key Services	<u>Unfunded:</u>	\$391,000
RTP 2040 Illustra	•	Estimate Rating:	
Project Name:	HIO Relocate Taxiway AA		
Project Name:		Total Cost:	\$4,700,000
	_	Year of Cost	
Map ID:	8 Time Frame (Years): 10 years	Year of Cost Estimate:	\$4,700,000 2009
Map ID: Project Type: Operation Area	8 Time Frame (Years): 10 years Aviation	Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area	8 Time Frame (Years): 10 years Aviation Hillsboro	Year of Cost Estimate: Federal: State:	
Map ID: Project Type: Operation Area	8 Time Frame (Years): 10 years Aviation Hillsboro	Year of Cost Estimate: Federal: State: City:	
Map ID: Project Type: Operation Area Project Description:	8 Time Frame (Years): 10 years Aviation Hillsboro Relocate a new taxiway AA. Replace existing Taxiway AA with a new taxiway with the	Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	8 Time Frame (Years): 10 years Aviation Hillsboro Relocate a new taxiway AA.	Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	Aviation Hillsboro Relocate a new taxiway AA. Replace existing Taxiway AA with a new taxiway with the appropriate design separation from Taxiway AA and existing tenant ramps.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose:	Aviation Hillsboro Relocate a new taxiway AA. Replace existing Taxiway AA with a new taxiway with the appropriate design separation from Taxiway A. Construct a perimeter road extension between Taxiway AA and existing tenant ramps.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	Aviation Hillsboro Relocate a new taxiway AA. Replace existing Taxiway AA with a new taxiway with the appropriate design separation from Taxiway A. Construct a perimeter road extension between Taxiway AA and existing tenant ramps. 101030	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Aviation Hillsboro Relocate a new taxiway AA. Replace existing Taxiway AA with a new taxiway with the appropriate design separation from Taxiway A. Construct a perimeter road extension between Taxiway AA and existing tenant ramps. 101030	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2009
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Aviation Hillsboro Relocate a new taxiway AA. Replace existing Taxiway AA with a new taxiway with the appropriate design separation from Taxiway AA and existing tenant ramps. 101030 Retain and Grow Key Services	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	

Project Name: <u>Terminal 6 Container Crane Modernizations</u>

Map ID:	9	Time Frame (Years):	5 years	<u>Total Cost:</u>	\$3,634,260
Project Type:	Marine			Year of Cost Estimate:	2012
Operation Area	Rivergate			<u>Federal:</u>	
Project Description:	The project v	vill increase operating efficient	cies and improve	State:	\$2,907,408
	salety on Cra	anes 6373, 6374, 6375, and 63	379.	<u>City:</u>	ψ2,007,100
				SDC:	
Purpose:		vill increase the reliability of ca and provide more reliable servi		Port Share	
	ечирттетт, а	ina provide more reliable servi	ice to customers.	Committed:	\$726,852
JDE NUM:	700111			Port Share Forecasted:	
RTP Related:	11207			<u>Porecasted.</u> <u>Private:</u>	
Recent Study:				Other:	
				Unfunded:	
Port Strategic Area:			_		
✓ RTP 2040 Illustra		Conditioned Project	<u> </u>	Estimate Rating:	
✓ RTP 2040 Constr	ained	Identified in STIP			
Project Name:	<u>Terminal</u>	6 Crane Drive Elec	<u>ctronics</u>		
Map ID:	10	Time Frame (Years):	5 years	Total Cost:	\$2,000,000
Project Type:	Marine			Year of Cost	
Operation Area	Rivergate				2011
Project Description:				Estimate:	2011
	Crane manag	gement system upgrades for (Cranes 6373 and	Estimate: Federal:	
,	Crane manaç	gement system upgrades for (Cranes 6373 and	Estimate:	2011
,		gement system upgrades for (Cranes 6373 and	Estimate: Federal:	
	6374.			Estimate: Federal: State:	
	6374.	gement system upgrades for (rational efficiencies for the cor		Estimate: Federal: State: City:	
	6374.			Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	\$1,440,000
Purpose: JDE NUM:	6374. Improve oper			Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	\$1,440,000
Purpose: JDE NUM: RTP Related:	6374. Improve oper 101740 11207			Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	\$1,440,000
Purpose: JDE NUM:	6374. Improve oper 101740 11207			Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	\$1,440,000
Purpose: JDE NUM: RTP Related:	6374. Improve oper 101740 11207	rational efficiencies for the cor	ntainer cranes.	Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other: Unfunded:	\$1,440,000
Purpose: JDE NUM: RTP Related: Recent Study:	6374. Improve oper 101740 11207 Retain and G	rational efficiencies for the cor	ntainer cranes.	Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	\$1,440,000

Project Name: <u>T6 Crane Drives for Cranes 6380 and 6381</u>

Map ID:	11	Time Frame (Years):	5 years	Total Cost:	\$2,000,000
Project Type:	Marine			Year of Cost Estimate:	2014
Operation Area	Rivergate			<u>Estimate.</u> <u>Federal:</u>	2014
Project Description:		agement system upgrades for (Cranes 6380 and	<u>r ederar:</u> State:	
	6381.			<u>State:</u> <u>City:</u>	
				SDC:	
Purpose:	Improve ope	erational efficiencies for the con	tainer cranes.	Port Share	
				Committed:	
JDE NUM:				Port Share Forecasted:	
RTP Related:	11207			<u>r orecasted.</u> <u>Private:</u>	
Recent Study:				Other:	
Port Strategic Area:	Retain and	Grow Key Services		<u>Unfunded:</u>	\$2,000,000
RTP 2040 Illustra		Conditioned Project		Estimate Rating:	
✓ RTP 2040 Constr		Identified in STIP			
Project Name:	Barnes :	to Terminal 4 Rail			
Map ID:	12	Time Frame (Years):	5 years	Total Cost:	\$10,543,000
Project Type:	Rail			Year of Cost	
Operation Area	Rivergate			<u>Estimate:</u>	0005
Project Description:	Provide a ne				2005
		ew track from Barnes Yard to To	erminal 4.	<u>Federal:</u>	2005
	Includes rep	ew track from Barnes Yard to To Dlacement of Lombard Bridge.	erminal 4.	State:	2005
	Includes rep		erminal 4.	State: City:	2005
Purpose:			erminal 4.	State: City: SDC:	2005
Purpose:		blacement of Lombard Bridge.	erminal 4.	State: City:	2005
Purpose: JDE NUM:	Improve rail	blacement of Lombard Bridge.	erminal 4.	State: City: SDC: Port Share Committed: Port Share	2005
	Improve rail	blacement of Lombard Bridge.	erminal 4.	State: City: SDC: Port Share Committed: Port Share Forecasted:	2005
JDE NUM: RTP Related:	Improve rail 100658 11355	blacement of Lombard Bridge.	erminal 4.	State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	2005
JDE NUM: RTP Related: Recent Study:	Improve rail 100658 11355 Marine Term	placement of Lombard Bridge. access to Terminal 4.	erminal 4.	State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	
JDE NUM: RTP Related: Recent Study:	Improve rail 100658 11355 Marine Term Regional Le	placement of Lombard Bridge. access to Terminal 4.		State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	2005 \$10,543,000

Project Name:	Rivergate ITS		
Map ID:	13 Time Frame (Years): 5 years	Total Cost:	\$480,000
Project Type:	ITS	Year of Cost	2007
Operation Area	Rivergate	Estimate:	2007
Project Description:	Intelligent Transportation System in Rivergate.	<u>Federal:</u>	
		State:	
		<u>City:</u>	
Purpose:	Improve traffic efficiency in Rivergate by connecting information about the roadway system to ODOT's Highway information systems.	SDC: Port Share Committed:	
JDE NUM:		Port Share	
RTP Related:		Forecasted:	
Recent Study:	10373	<u>Private:</u>	
necem olddy.		Other:	
Port Strategic Area:	Regional Leadership in Transportation	<u>Unfunded:</u>	\$480,000
✓ RTP 2040 Illustra		stimate Rating: 3c	
RTP 2040 Illustra RTP 2040 Constr			
RTP 2040 Consti	Auto Import /Export Expansion	Total Cost:	\$6,740,256
Project Name:	Auto Import /Export Expansion	Total Cost: Year of Cost	\$6,740,256
Project Name: Map ID: Project Type:	Auto Import /Export Expansion 14 Time Frame (Years): 5 years Marine	Year of Cost Estimate:	\$6,740,256 2015
Project Name: Map ID: Project Type: Operation Area	Auto Import /Export Expansion 14 Time Frame (Years): 5 years Marine Rivergate	Year of Cost	
Project Name: Map ID: Project Type: Operation Area	Auto Import /Export Expansion 14 Time Frame (Years): 5 years Marine Rivergate The project will construct site improvements to expand the storage and processing capacity for auto imports and	Year of Cost Estimate:	
Project Name: Map ID: Project Type: Operation Area	Auto Import /Export Expansion 14 Time Frame (Years): 5 years Marine Rivergate The project will construct site improvements to expand the storage and processing capacity for auto imports and exports through Berth 601 at Terminal 6. By increasing the storage and processing capacity, throughput will be	Year of Cost Estimate: Federal: State: City:	2015
Project Name: Map ID: Project Type: Operation Area Project Description:	Auto Import /Export Expansion 14 Time Frame (Years): 5 years Marine Rivergate The project will construct site improvements to expand the storage and processing capacity for auto imports and exports through Berth 601 at Terminal 6. By increasing the storage and processing capacity, throughput will be increased.	Year of Cost Estimate: Federal: State:	2015
Project Name: Map ID: Project Type: Operation Area Project Description:	Auto Import /Export Expansion 14 Time Frame (Years): 5 years Marine Rivergate The project will construct site improvements to expand the storage and processing capacity for auto imports and exports through Berth 601 at Terminal 6. By increasing the storage and processing capacity, throughput will be	Year of Cost Estimate: Federal: State: City:	2015
Project Name: Map ID: Project Type: Operation Area Project Description:	Auto Import /Export Expansion 14 Time Frame (Years): 5 years Marine Rivergate The project will construct site improvements to expand the storage and processing capacity for auto imports and exports through Berth 601 at Terminal 6. By increasing the storage and processing capacity, throughput will be increased. Increase the storage and processing capacity for auto imports and exports through Berth 601, thereby allowing for an increase of volumes, leading to increased employment.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	2015 \$2,628,700
Project Name: Map ID: Project Type: Operation Area Project Description: Purpose:	Auto Import /Export Expansion 14 Time Frame (Years): 5 years Marine Rivergate The project will construct site improvements to expand the storage and processing capacity for auto imports and exports through Berth 601 at Terminal 6. By increasing the storage and processing capacity, throughput will be increased. Increase the storage and processing capacity for auto imports and exports through Berth 601, thereby allowing for an increase of volumes, leading to increased employment.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	2015 \$2,628,700 \$741,248
Project Name: Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	Auto Import /Export Expansion 14 Time Frame (Years): 5 years Marine Rivergate The project will construct site improvements to expand the storage and processing capacity for auto imports and exports through Berth 601 at Terminal 6. By increasing the storage and processing capacity, throughput will be increased. Increase the storage and processing capacity for auto imports and exports through Berth 601, thereby allowing for an increase of volumes, leading to increased employment.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	2015 \$2,628,700
Project Name: Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Auto Import /Export Expansion 14 Time Frame (Years): 5 years Marine Rivergate The project will construct site improvements to expand the storage and processing capacity for auto imports and exports through Berth 601 at Terminal 6. By increasing the storage and processing capacity, throughput will be increased. Increase the storage and processing capacity for auto imports and exports through Berth 601, thereby allowing for an increase of volumes, leading to increased employment.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	2015 \$2,628,700 \$741,248
Project Name: Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Auto Import /Export Expansion 14 Time Frame (Years): 5 years Marine Rivergate The project will construct site improvements to expand the storage and processing capacity for auto imports and exports through Berth 601 at Terminal 6. By increasing the storage and processing capacity, throughput will be increased. Increase the storage and processing capacity for auto imports and exports through Berth 601, thereby allowing for an increase of volumes, leading to increased employment. 102517	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2015 \$2,628,700 \$741,248

Project Name: Terminal 4 Pier 1 Site Preparation **Map ID:** 15 Time Frame (Years): 5 years **Total Cost:** \$38,000,000 **Year of Cost** Project Type: Marine 2015 **Estimate: Operation Area** Rivergate Federal: Project Description: Remove Berths 405 and 408, the grain leg platform and State: tower, and the grain elevator in the Pier 1 area of Terminal 4. City: SDC: Purpose: This project will facilitate the redevelopment of approximately 30 acres of vital marine industrial property in **Port Share** the Portland Harbor. **Committed: Port Share** JDE NUM: 810048, 810049 Forecasted: RTP Related: 11208 Private: Recent Study: Terminal 4 Pier 1 Facility Plan (TEC Inc.) Other: **Unfunded:** \$38,000,000 Port Strategic Area: Regional Leadership in Industrial Lands **Estimate Rating:** ✓ RTP 2040 Illustrative Conditioned Project **▼** RTP 2040 Constrained Identified in STIP Project Name: Marine Drive ITS Improvement **Map ID:** 16 Time Frame (Years): 10 years **Total Cost:** \$200,000 **Year of Cost** Project Type: ITS 2007 **Estimate: Operation Area** Rivergate Federal: **Project Description:** Install a CCTV at Portland Road and changeable message State: signs at N. Portland Road, North Vancouver Way and NE 185th Drive. City: SDC: Purpose: Improve traffic efficiency in the Columbia Corridor. **Port Share** Committed: Port Share JDE NUM: Forecasted: RTP Related: 10346 Private: Recent Study: Columbia Multimodal Corridor Study 2012 Other: **Unfunded:** \$200.000 Port Strategic Area: Regional Leadership in Transportation **Estimate Rating:** ✓ RTP 2040 Illustrative Conditioned Project

Identified in STIP

✓ RTP 2040 Constrained

Project Name:	T4 Pier 1 Tracks 704-709		
Map ID:	17 Time Frame (Years): 5 years	Total Cost:	\$450,000
Project Type:	Rail	Year of Cost	2012
Operation Area	Rivergate	Estimate:	2013
Project Description:	Perform upgrades and rehabilitation on tracks 704-709.	<u>Federal:</u>	
		State:	
		<u>City:</u>	
Purpose:	Support rail car storgae needs of Terminal 4 tenants	SDC:	
		Port Share Committed:	
JDE NUM:		<u>Port Share</u> Forecasted:	
RTP Related:	11208	<u>Private:</u>	
Recent Study:	Port Rail Plan	Other:	
Port Stratogic Area	Retain and Grow Key Services	<u> </u>	\$450.000
RTP 2040 Illustra		Estimate Rating:	\$.55,555
✓ RTP 2040 Consti	•		
Project Name: Map ID: Project Type:	T4 Berth 410, 411 Rail Yard Improvem 18 Time Frame (Years): 10 years Rail	<u>Total Cost:</u> <u>Year of Cost</u>	\$7,800,000
Map ID:	18 Time Frame (Years): 10 years	Total Cost: Year of Cost Estimate:	\$7,800,000 2015
Map ID: Project Type: Operation Area	18 Time Frame (Years): 10 years Rail Rivergate Construct additional rail track in the Berth 410 and 411 Ra	Total Cost: Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area	18 Time Frame (Years): 10 years Rail Rivergate	Total Cost: Year of Cost Estimate: Federal: State:	
Map ID: Project Type: Operation Area	18 Time Frame (Years): 10 years Rail Rivergate Construct additional rail track in the Berth 410 and 411 Ra	Total Cost: Year of Cost Estimate: Federal: State: City:	
Map ID: Project Type: Operation Area Project Description:	18 Time Frame (Years): 10 years Rail Rivergate Construct additional rail track in the Berth 410 and 411 Ra Yard. Improve the efficiency of the rail yard by creating additional	Total Cost: Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	18 Time Frame (Years): 10 years Rail Rivergate Construct additional rail track in the Berth 410 and 411 Rayard.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	18 Time Frame (Years): 10 years Rail Rivergate Construct additional rail track in the Berth 410 and 411 Rayard. Improve the efficiency of the rail yard by creating additional rail capacity.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose:	Time Frame (Years): 10 years Rail Rivergate Construct additional rail track in the Berth 410 and 411 Ra Yard. Improve the efficiency of the rail yard by creating additionarail capacity.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	Rail Rivergate Construct additional rail track in the Berth 410 and 411 Rayard. Improve the efficiency of the rail yard by creating additional rail capacity.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Rail Rivergate Construct additional rail track in the Berth 410 and 411 Rayard. Improve the efficiency of the rail yard by creating additionarial capacity. 100658 Port Rail Plan	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Rail Rivergate Construct additional rail track in the Berth 410 and 411 Rayard. Improve the efficiency of the rail yard by creating additionarial capacity. 100658 Port Rail Plan Retain and Grow Key Services	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2015

Project Name:	T4 Second Entrance		
Map ID:	19 Time Frame (Years): 5 years	Total Cost:	\$12,000,000
Project Type:	Road	Year of Cost	2016
Operation Area	Rivergate	Estimate:	2016
Project Description:	Design and construct a second entrance to Terminal 4.	<u>Federal:</u>	
		State:	
		<u>City:</u>	
Purpose:	Support additional rail expansion at the terminal.	SDC:	
		Port Share Committed:	
JDE NUM:	100470	<u>Port Share</u> Forecasted:	
RTP Related:		Private:	
Recent Study:	Terminal 4 Pier 1 Facilty Plan	Other:	
Port Strategic Δrea:	Retain and Grow Key Services	<u>Unfunded:</u>	\$12,000,000
RTP 2040 Illustra		Estimate Rating:	
RTP 2040 Constr			
Project Name:	Terminal 5 Entrance Road 20 Time Frame (Years): 5 years	<u>Total Cost:</u>	
Project Type:	Road	V	\$2,369,012
		Year of Cost	
Operation Area	Rivergate	Estimate:	\$2,369,012 2016
-	Rivergate Provide improvements on the south side of the roadway as	<u>Estimate:</u> <u>Federal:</u>	
-		Estimate: Federal: State:	
-	Rivergate Provide improvements on the south side of the roadway as	Estimate: Federal: State: City:	
Project Description:	Rivergate Provide improvements on the south side of the roadway as	Estimate: Federal: State: City: SDC:	
Project Description:	Rivergate Provide improvements on the south side of the roadway as well as rail crossing improvements.	Estimate: Federal: State: City:	
Project Description:	Rivergate Provide improvements on the south side of the roadway as well as rail crossing improvements. The project will address increased traffic needs.	Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Project Description: Purpose:	Rivergate Provide improvements on the south side of the roadway as well as rail crossing improvements. The project will address increased traffic needs.	Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	
Project Description: Purpose: JDE NUM:	Rivergate Provide improvements on the south side of the roadway as well as rail crossing improvements. The project will address increased traffic needs.	Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Rivergate Provide improvements on the south side of the roadway as well as rail crossing improvements. The project will address increased traffic needs.	Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	
Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Rivergate Provide improvements on the south side of the roadway as well as rail crossing improvements. The project will address increased traffic needs. 102474 Retain and Grow Key Services	Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2016

Project Name: Columbia River Mouth Jetty Refurbishment

Map ID:	21	Time Frame (Years):	10 years	<u>Total Cost:</u>	\$75,000,000
Project Type:	Marine			Year of Cost Estimate:	2016
Operation Area	Rivergate			<u>Federal:</u>	\$10,000,000
Project Description:	Refurbish an	nd repair the north and south j	etties and Jetty A	State:	, ,
	at the mount	ror the Columbia rilver.		<u>City:</u>	
Purnoso:	This is a critic	cal repair of the jetties at the 0	Pakumbia Divar Dar	SDC:	
r uipose.	THIS IS A CITU	cai repair of the jetties at the C	Soluttible niver bet.	Port Share Committed:	
JDE NUM:				Port Share	
RTP Related:				Forecasted: Private:	
Recent Study:				Other:	
Dout Stuatonia Avec	D : 11			<u>Unfunded:</u>	\$65,000,000
Port Strategic Area:			-	stimate Rating:	ψου,οου,οου
RTP 2040 Illustra		Conditioned Project Identified in STIP	<u>-</u>	<u>.sumate nating.</u>	
Project Name:		Road Reconstructi		Total Cost	#0 000 000
•		Time Frame (Years):	10 years	Total Cost: Year of Cost	\$9,000,000
Project Type:	Road			Estimate:	2013
Operation Area	Rivergate			<u>Federal:</u>	
Project Description:	Reconstruct	Time Oil Road.		<u>State:</u>	
				<u>City:</u>	
Purpose:	Provide impr	oved access to South Riverg	ate industrial area.	SDC:	
·	·	, and the second se		Port Share Committed:	
JDE NUM:				Port Share Forecasted:	
RTP Related:	11654			<u>r orecasted:</u> <u>Private:</u>	
Recent Study:				Other:	
Port Strategic Area:	Regional Lea	adership in Transportation		<u>Unfunded:</u>	\$9,000,000
✓ RTP 2040 Illustra		☐ Conditioned Project	<u> </u>	stimate Rating:	
✓ RTP 2040 Constr	rained	Identified in STIP			

Project Name:	Rivergate Boulevard Overcrossing		
Map ID:	23 Time Frame (Years): 5 years	Total Cost:	\$19,549,000
Project Type:	Road	Year of Cost	2011
Operation Area	Rivergate	Estimate:	2011
Project Description:	Grade separate the South Rivergate Lead at Rivergate Blvd.		\$10,549,000
		<u>State:</u>	\$5,000,000
		<u>City:</u>	\$5,000,000
Purpose:	Improve rail and vehicle traffic flow in Rivergate Industrial District.	<u>SDC:</u> <u>Port Share</u> <u>Committed:</u>	
JDE NUM:	810067	Port Share Forecasted:	\$4,000,000
RTP Related:	11659	Private:	
Recent Study:		Other:	
Port Strategic Area:	Regional Leadership in Transportation	<u>Unfunded:</u>	
✓ RTP 2040 Illustra	•	Estimate Rating: 2b	
✓ RTP 2040 Const	ained Identified in STIP		
Project Name:	Terminal 2 Crane Upgrades		
Project Name:	Terminal 2 Crane Upgrades	Total Cost:	\$2,750,000
Project Name: Map ID: Project Type:	Terminal 2 Crane Upgrades	<u>Total Cost:</u> <u>Year of Cost</u> <u>Estimate:</u>	\$2,750,000 2015
Project Name: Map ID: Project Type: Operation Area	Terminal 2 Crane Upgrades 24 Time Frame (Years): 5 years Marine T2/Swan Island	Year of Cost Estimate: Federal:	
Project Name: Map ID: Project Type: Operation Area	Terminal 2 Crane Upgrades 24 Time Frame (Years): 5 years Marine T2/Swan Island The project will modify and upgrade Cranes 2371 and 2372,	Year of Cost Estimate: Federal:	
Project Name: Map ID: Project Type: Operation Area	Terminal 2 Crane Upgrades 24 Time Frame (Years): 5 years Marine T2/Swan Island	Year of Cost Estimate: Federal: State:	
Project Name: Map ID: Project Type: Operation Area Project Description:	Terminal 2 Crane Upgrades 24 Time Frame (Years): 5 years Marine T2/Swan Island The project will modify and upgrade Cranes 2371 and 2372, located at Terminal 2. The improvements will increase the suitability and efficiency of the crane to handle bulk cargoes	Year of Cost Estimate: Federal: State: City:	
Project Name: Map ID: Project Type: Operation Area Project Description:	Terminal 2 Crane Upgrades 24 Time Frame (Years): 5 years Marine T2/Swan Island The project will modify and upgrade Cranes 2371 and 2372, located at Terminal 2. The improvements will increase the	Year of Cost Estimate: Federal: State:	
Project Name: Map ID: Project Type: Operation Area Project Description:	Terminal 2 Crane Upgrades 24 Time Frame (Years): 5 years Marine T2/Swan Island The project will modify and upgrade Cranes 2371 and 2372, located at Terminal 2. The improvements will increase the suitability and efficiency of the crane to handle bulk cargoes The improvements will increase the suitability and efficiency	Year of Cost Estimate: Federal: State: City: SDC:	
Project Name: Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	Terminal 2 Crane Upgrades 24 Time Frame (Years): 5 years Marine T2/Swan Island The project will modify and upgrade Cranes 2371 and 2372, located at Terminal 2. The improvements will increase the suitability and efficiency of the crane to handle bulk cargoes The improvements will increase the suitability and efficiency of the cranes to handle bulk cargoes.	Year of Cost Estimate: Federal: State: City: SDC: Port Share	
Project Name: Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	Terminal 2 Crane Upgrades 24 Time Frame (Years): 5 years Marine T2/Swan Island The project will modify and upgrade Cranes 2371 and 2372, located at Terminal 2. The improvements will increase the suitability and efficiency of the crane to handle bulk cargoes The improvements will increase the suitability and efficiency of the cranes to handle bulk cargoes.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Project Name: Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	Terminal 2 Crane Upgrades 24 Time Frame (Years): 5 years Marine T2/Swan Island The project will modify and upgrade Cranes 2371 and 2372, located at Terminal 2. The improvements will increase the suitability and efficiency of the crane to handle bulk cargoes The improvements will increase the suitability and efficiency of the cranes to handle bulk cargoes.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	
Project Name: Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Terminal 2 Crane Upgrades 24 Time Frame (Years): 5 years Marine T2/Swan Island The project will modify and upgrade Cranes 2371 and 2372, located at Terminal 2. The improvements will increase the suitability and efficiency of the crane to handle bulk cargoes The improvements will increase the suitability and efficiency of the cranes to handle bulk cargoes.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	
Project Name: Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Terminal 2 Crane Upgrades 24 Time Frame (Years): 5 years Marine T2/Swan Island The project will modify and upgrade Cranes 2371 and 2372, located at Terminal 2. The improvements will increase the suitability and efficiency of the crane to handle bulk cargoes The improvements will increase the suitability and efficiency of the cranes to handle bulk cargoes. 102265, 102315 11649 Retain and Grow Key Services	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2015

Project Name:	PSU ITS Expansion		
Map ID:	25 Time Frame (Years): 5 years	Total Cost:	
Project Type:	ITS	Year of Cost	
Operation Area	T2/Swan Island	Estimate:	
Project Description:	Expand PSU's existing web based ITS "count sensor"	<u>Federal:</u>	
	program beyond the freeway to some key arterials throughout the region and create a repository of regional	State:	
	freight data.	<u>City:</u>	
Purpose:	To secure truck flow and congestion data.	SDC:	
		Port Share Committed:	
JDE NUM:		<u>Port Share</u> Forecasted:	
RTP Related:	10377	<u>Private:</u>	
Recent Study:		Other:	
Port Strategic Δrea:	Regional Leadership in Transportation	<u>Unfunded:</u>	
RTP 2040 Illustra		Estimate Rating:	
RTP 2040 Constr	_		
	Terminal 2 Yard and Rail Improvement	:	
Project Name:		Total Cost:	\$16,500,000
		<u>Total Cost:</u> <u>Year of Cost</u>	\$16,500,000 2016
Map ID:	26 Time Frame (Years): 5 years	Total Cost:	
Map ID: Project Type: Operation Area	26 Time Frame (Years): 5 years	Total Cost: Year of Cost Estimate:	
Map ID: Project Type: Operation Area	26 Time Frame (Years): 5 years Rail T2/Swan Island	Total Cost: Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area Project Description:	26 Time Frame (Years): 5 years Rail T2/Swan Island Reconstruct rail and pavement at Terminal 2.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	26 Time Frame (Years): 5 years Rail T2/Swan Island	Total Cost: Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	26 Time Frame (Years): 5 years Rail T2/Swan Island Reconstruct rail and pavement at Terminal 2.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	26 Time Frame (Years): 5 years Rail T2/Swan Island Reconstruct rail and pavement at Terminal 2. Increase rail and yard operating efficiencies at Terminal 2	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose:	26 Time Frame (Years): 5 years Rail T2/Swan Island Reconstruct rail and pavement at Terminal 2. Increase rail and yard operating efficiencies at Terminal 2	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	26 Time Frame (Years): 5 years Rail T2/Swan Island Reconstruct rail and pavement at Terminal 2. Increase rail and yard operating efficiencies at Terminal 2	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	26 Time Frame (Years): 5 years Rail T2/Swan Island Reconstruct rail and pavement at Terminal 2. Increase rail and yard operating efficiencies at Terminal 2	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	26 Time Frame (Years): 5 years Rail T2/Swan Island Reconstruct rail and pavement at Terminal 2. Increase rail and yard operating efficiencies at Terminal 2 11649 Retain and Grow Key Services	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2016

RTP 2040 Illustrative

RTP 2040 Constrained

Project Name: <u>Dredge Oregon Pipe, Scows and Pontoons</u> Map ID: 27 Time Frame (Years): 5 years **Total Cost:** \$10,200,000 Year of Cost Project Type: Marine 2014 **Estimate:** Operation Area T2/Swan Island Federal: Project Description: Acquire 2,000 feet of dredge pipe, pontoons, anchor scows State: and anchors. City: SDC: Purpose: Allow Dredge Oregon to make full use of recent repower and pump material 14,000 feet. Port Share **Committed: Port Share** JDE NUM: 102271 Forecasted: **RTP Related:** Private: **Recent Study:** Other: **Unfunded:** \$10.200.000 Port Strategic Area: Regional Leadership in Transportation Estimate Rating: 3c RTP 2040 Illustrative Conditioned Project RTP 2040 Constrained Identified in STIP Project Name: New Dredge Tender Map ID: 28 Time Frame (Years): **Total Cost:** 5 years \$7,600,000 **Year of Cost** Project Type: Marine Estimate: 2014 Operation Area T2/Swan Island Federal: Project Description: Replace the existing vintage tugboat W.L. Williams with a State: newly constructed modern work-boat vessel. Repower tugboat Clackamas. City: SDC: Purpose: Improve operational support for Dredge Oregon dredging operations and improve environmental performance **Port Share** Committed: Port Share JDE NUM: 101349, 102077 Forecasted: **RTP Related:** Private: **Recent Study:** Other: **Unfunded:** \$7.600.000 Port Strategic Area: Regional Leadership in Transportation

Conditioned Project

Identified in STIP

Estimate Rating: 3c

Project Name:	T2 Crane Drives and Cabs for Cranes	2371 and 2372	
Map ID:	Time Frame (Years): 5 years	Total Cost:	\$2,600,000
Project Type:	Marine	Year of Cost	0015
Operation Area	T2/Swan Island	Estimate:	2015
Project Description:	Crane management system and cab upgrades for Cranes	<u>Federal:</u>	
	2371 and 2372.	<u>State.</u>	
		<u>City:</u>	
Purpose:	Improve operational efficiencies for the cargo handling	SDC:	
	cranes.	Port Share Committed:	
JDE NUM:	101496	<u>Port Share</u> <u>Forecasted:</u>	
RTP Related:		<u>Private:</u>	
Recent Study:		Other:	
Port Strategic Area	Retain and Grow Key Services	<u>Unfunded:</u>	\$2,600,000
RTP 2040 Illustra		Estimate Rating:	
RTP 2040 Consti	_		
	Dredge Oregon Support Equipment 30 Time Frame (Years): 5 years	Total Cost:	\$2,000,000
Map ID:		<u>Total Cost:</u> <u>Year of Cost</u>	\$2,000,000
Map ID: Project Type:	30 Time Frame (Years): 5 years Marine		\$2,000,000 2015
Map ID: Project Type: Operation Area	30 Time Frame (Years): 5 years Marine T2/Swan Island	Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area	30 Time Frame (Years): 5 years Marine	Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area	30 Time Frame (Years): 5 years Marine T2/Swan Island Repower or replace navigation equipment including supp	Year of Cost Estimate: Federal: State: City:	
Map ID: Project Type: Operation Area Project Description:	30 Time Frame (Years): 5 years Marine T2/Swan Island Repower or replace navigation equipment including supp	Year of Cost Estimate: Federal: State:	
Map ID: Project Type: Operation Area Project Description:	30 Time Frame (Years): 5 years Marine T2/Swan Island Repower or replace navigation equipment including supp vessels and landside equipment such as bulldozers.	Year of Cost Estimate: Federal: State: City:	
Map ID: Project Type: Operation Area Project Description:	30 Time Frame (Years): 5 years Marine T2/Swan Island Repower or replace navigation equipment including supp vessels and landside equipment such as bulldozers. Improve productivity and environmental performance.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose:	30 Time Frame (Years): 5 years Marine T2/Swan Island Repower or replace navigation equipment including supp vessels and landside equipment such as bulldozers. Improve productivity and environmental performance.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	30 Time Frame (Years): 5 years Marine T2/Swan Island Repower or replace navigation equipment including supp vessels and landside equipment such as bulldozers. Improve productivity and environmental performance.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Marine T2/Swan Island Repower or replace navigation equipment including supp vessels and landside equipment such as bulldozers. Improve productivity and environmental performance.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Marine T2/Swan Island Repower or replace navigation equipment including supp vessels and landside equipment such as bulldozers. Improve productivity and environmental performance.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2015

Other: Unfunded:

Estimate Rating: 1a

Project Name: Swigert Way Extension Map ID: 31 Time Frame (Years): **Total Cost:** 5 years \$2,500,000 **Year of Cost** Project Type: Road 2008 **Estimate: Operation Area** East County Federal: **Project Description:** Extend Swigert Way from it existing terminus to Graham State: \$2,220,000 Road. City: SDC: **Purpose:** Improve access to Troutdale Reynolds Industrial Park. Port Share **Committed:** \$280,000 Port Share **JDE NUM: 101663** Forecasted: RTP Related: 11231 Private: **Recent Study:** Other: **Unfunded:** Port Strategic Area: Regional Leadership in Industrial Lands Estimate Rating: 1a ✓ RTP 2040 Illustrative Conditioned Project **✓** RTP 2040 Constrained ✓ Identified in STIP Project Name: Graham Road **Map ID:** 32 Time Frame (Years): **Total Cost:** 5 years \$10,000,000 **Year of Cost** Project Type: Road Estimate: 2009 **Operation Area** East County Federal: Project Description: Reconstruct and/or widen Graham Road along and State: \$8,880,000 nearTroutdale Reynolds Industrial Park frontage. City: SDC: Purpose: Improve access to Troutdale Reynolds Industrial Park Phase Port Share Committed: \$1.120.000 Port Share **JDE NUM: 101663** Forecasted: RTP Related: 11232, 11130 Private: **Recent Study:**

Conditioned Project

Identified in STIP

Port Strategic Area: Regional Leadership in Industrial Lands

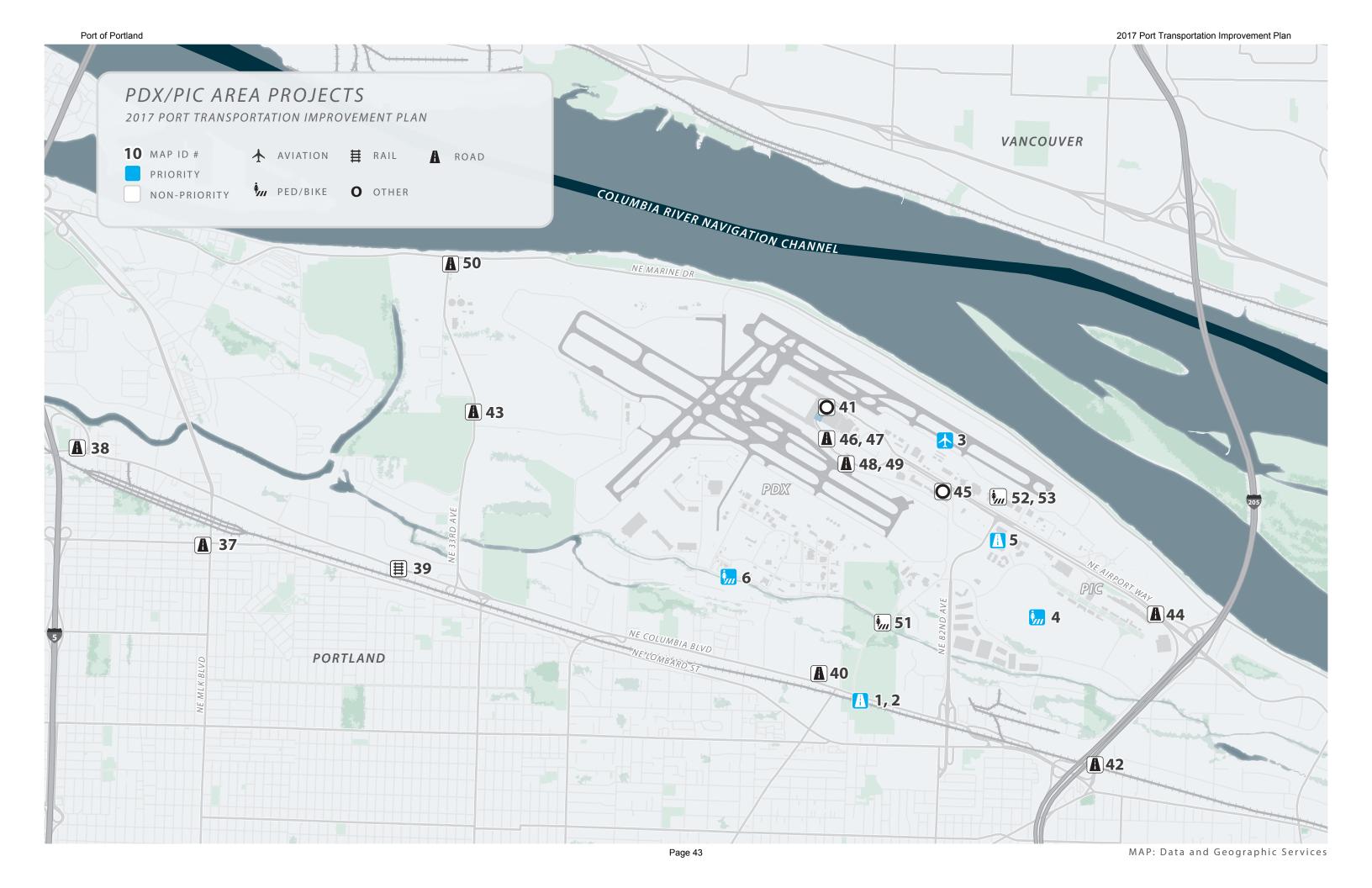
✓ RTP 2040 Illustrative

✓ RTP 2040 Constrained

Project Name:	TTD Reconstruct runway 7-25		
Map ID:	33 Time Frame (Years): 5 years	Total Cost:	\$12,534,000
Project Type:	Aviation	Year of Cost	2010
Operation Area	East County	<u>Estimate:</u> <u>Federal:</u>	2010
Project Description:	Reconstruct existing 150' x 5400' runway; narrow to 75' wide		
	relocated/reconstruct edge lighting, construct required drainage improvements.	<u>State:</u> <u>City:</u>	
		SDC:	
Purpose:	Project identified in 2004 TTD Master Plan.	Port Share Committed:	
JDE NUM:		Port Share Forecasted:	
RTP Related:		<u>Private:</u>	
Recent Study:		Other:	
Port Strategic Area:	Retain and Grow Key Services	<u>Unfunded:</u>	\$12,534,000
RTP 2040 Illustra	-	Estimate Rating:	
Project Name:	40 Mile Loop Trail: Blue Lake Park to S	undial Rd.	
Project Name:		undial Rd. Total Cost:	\$3,424,073
Map ID: Project Type:			\$3,424,073 2014
Map ID: Project Type: Operation Area	34 Time Frame (Years): 5 years Bike/Ped East County	Total Cost: Year of Cost	
Map ID: Project Type: Operation Area	34 Time Frame (Years): 5 years Bike/Ped	Total Cost: Year of Cost Estimate:	2014
Map ID: Project Type: Operation Area	34 Time Frame (Years): 5 years Bike/Ped East County Construct a mixed use off road trail connecting Blue Lake	Total Cost: Year of Cost Estimate: Federal:	2014
Map ID: Project Type: Operation Area Project Description:	34 Time Frame (Years): 5 years Bike/Ped East County Construct a mixed use off road trail connecting Blue Lake Park and Sundial Road.	Total Cost: Year of Cost Estimate: Federal: State:	2014 \$3,072,421
Map ID: Project Type: Operation Area Project Description:	34 Time Frame (Years): 5 years Bike/Ped East County Construct a mixed use off road trail connecting Blue Lake	Total Cost: Year of Cost Estimate: Federal: State: City:	2014 \$3,072,421
Map ID: Project Type: Operation Area Project Description:	34 Time Frame (Years): 5 years Bike/Ped East County Construct a mixed use off road trail connecting Blue Lake Park and Sundial Road. Combined with the Port's Reynolds levee trail it will complete gaps in the 40 Mile Loop Trail.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	2014 \$3,072,421 \$1,17,217
Map ID: Project Type: Operation Area Project Description: Purpose:	34 Time Frame (Years): 5 years Bike/Ped East County Construct a mixed use off road trail connecting Blue Lake Park and Sundial Road. Combined with the Port's Reynolds levee trail it will complete gaps in the 40 Mile Loop Trail.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	2014 \$3,072,421 \$1,17,217
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	Time Frame (Years): 5 years Bike/Ped East County Construct a mixed use off road trail connecting Blue Lake Park and Sundial Road. Combined with the Port's Reynolds levee trail it will complete gaps in the 40 Mile Loop Trail.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	2014 \$3,072,421 \$1,17,217
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	34 Time Frame (Years): 5 years Bike/Ped East County Construct a mixed use off road trail connecting Blue Lake Park and Sundial Road. Combined with the Port's Reynolds levee trail it will complete gaps in the 40 Mile Loop Trail. 102069 10408	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	2014 \$3,072,421 \$1,17,217
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Bike/Ped East County Construct a mixed use off road trail connecting Blue Lake Park and Sundial Road. Combined with the Port's Reynolds levee trail it will complete gaps in the 40 Mile Loop Trail.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2014 \$3,072,421 \$1,17,217

Project Name: Sundial Road Improvements

Map ID: 35 Time Frame (Years): **Total Cost:** 5 years \$3,200,000 **Year of Cost** Project Type: Road 2007 **Estimate: Operation Area** East County Federal: Project Description: Widen Sundial Road north of Swigert Way. State: \$2,900,000 City: SDC: Purpose: Accommodate Troutdale Reynolds Industrial Park and other traffic Port Share **Committed:** \$300,000 Port Share **JDE NUM: 101663** Forecasted: RTP Related: 11190 Private: **Recent Study:** Other: **Unfunded:** Port Strategic Area: Regional Leadership in Industrial Lands Estimate Rating: 1a ✓ RTP 2040 Illustrative Conditioned Project **✓** RTP 2040 Constrained ✓ Identified in STIP Project Name: Reynolds Site Road Access Phase 3 **Map ID: 36** Time Frame (Years): 10 years **Total Cost: Year of Cost** Project Type: Road Estimate: **Operation Area** East County Federal: **Project Description:** Road improvements to serve Phase 3 industrial State: development. Actual project will be developed in coordination with stakeholders. City: SDC: Purpose: Address off-site transportation impacts. **Port Share** Committed: Port Share **JDE NUM: 100909** Forecasted: RTP Related: 11231, 11232 Private: **Recent Study:** Other: **Unfunded:** Port Strategic Area: Regional Leadership in Industrial Lands **Estimate Rating:** ✓ RTP 2040 Illustrative Conditioned Project ✓ RTP 2040 Constrained ✓ Identified in STIP



Project Name: Columbia Blvd. Improvements at MLK

Map ID:	Time Frame (Years): 5 years	<u>Total Cost:</u>	\$3,359,259
Project Type:	Road	Year of Cost Estimate:	2011
Operation Area	PDX/PIC	<u>Federal:</u>	\$3,014,263
Project Description:	Construct right turn lane on Columbia at MLK.	State:	. , ,
		<u>City:</u>	4
		 -	\$230,541
Purpose:	Improve connectivity for freight traffic between Columb		
	Blvd. and Rivergate.	Port Share Committed:	\$114,455
JDE NUM:	810030	Port Share	
RTP Related:	10208	<u>Forecasted:</u> <u>Private:</u>	
Recent Study:	Columbia Corridor Transportation Study (1999)		
,	colambia comac manapantanan citaly (1900)	Other:	
Port Strategic Area:	Regional Leadership in Transportation	<u>Unfunded:</u>	
✓ RTP 2040 Illustra	ative Conditioned Project	Estimate Rating:	
✓ RTP 2040 Const	rained		
Project Name:	I-5/Columbia Blvd. Improvement		
Map ID:	38 Time Frame (Years): 10 years	Total Cost:	\$51,773,032
Map ID: Project Type:	38 Time Frame (Years): 10 years	Year of Cost	
Project Type:		Year of Cost Estimate:	\$51,773,032 2006
Project Type: Operation Area	Road PDX/PIC	Year of Cost	
Project Type: Operation Area	Road PDX/PIC Construct a full interchange at Columbia Blvd. or the functional equivalent. Includes three projects: Delta F	Year of Cost Estimate: Federal:	
Project Type: Operation Area	Road PDX/PIC Construct a full interchange at Columbia Blvd. or the	Year of Cost Estimate: Federal:	
Project Type: Operation Area Project Description:	Road PDX/PIC Construct a full interchange at Columbia Blvd. or the functional equivalent. Includes three projects: Delta F Phase II and III and Argyle on the Hill.	Year of Cost Estimate: Federal: State: City: SDC:	
Project Type: Operation Area Project Description:	Road PDX/PIC Construct a full interchange at Columbia Blvd. or the functional equivalent. Includes three projects: Delta F	Year of Cost Estimate: Federal: State: City: SDC:	
Project Type: Operation Area Project Description:	Road PDX/PIC Construct a full interchange at Columbia Blvd. or the functional equivalent. Includes three projects: Delta F Phase II and III and Argyle on the Hill. Improve connections between Columbia Blvd. and I-5	Year of Cost Estimate: Federal: State: City: SDC:	
Project Type: Operation Area Project Description:	Road PDX/PIC Construct a full interchange at Columbia Blvd. or the functional equivalent. Includes three projects: Delta F Phase II and III and Argyle on the Hill. Improve connections between Columbia Blvd. and I-5 trucks.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Project Type: Operation Area Project Description: Purpose:	Road PDX/PIC Construct a full interchange at Columbia Blvd. or the functional equivalent. Includes three projects: Delta F Phase II and III and Argyle on the Hill. Improve connections between Columbia Blvd. and I-5 trucks.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	
Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	Road PDX/PIC Construct a full interchange at Columbia Blvd. or the functional equivalent. Includes three projects: Delta F Phase II and III and Argyle on the Hill. Improve connections between Columbia Blvd. and I-5 trucks.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Road PDX/PIC Construct a full interchange at Columbia Blvd. or the functional equivalent. Includes three projects: Delta F Phase II and III and Argyle on the Hill. Improve connections between Columbia Blvd. and I-5 trucks. 10219, 10874, 11 I-5 Delta Park Environmental Assessment (2006)	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	
Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Road PDX/PIC Construct a full interchange at Columbia Blvd. or the functional equivalent. Includes three projects: Delta F Phase II and III and Argyle on the Hill. Improve connections between Columbia Blvd. and I-5 trucks. 10219, 10874, 11 I-5 Delta Park Environmental Assessment (2006)	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2006

Project Name: 11th/13th (at Columbia Blvd.): Crossing Elimination

Map ID:	39 Time	Frame (Years):	5 years	Total Cost:	\$1,000,000
Project Type:	Rail			Year of Cost	2007
Operation Area	PDX/PIC			Estimate:	2001
Project Description:	If feasible, eliminate	the at-grade crossing a	and improve	<u>Federal:</u>	
	alternate roadway a			State:	
				<u>City:</u>	
Purpose:		inline operation and elir	minate a mod		
	conflict.			Port Share Committed:	
JDE NUM:				<u>Port Share</u> <u>Forecasted:</u>	
RTP Related:	10334			<u>Private:</u>	
Recent Study:				Other:	
Port Strategic Area:	Pagional Landarshi	n in Transportation		<u>Unfunded:</u>	\$1,000,000
RTP 2040 Illustra		Conditioned Proj	ect	Estimate Rating:	. , ,
✓ RTP 2040 Constr		Identified in STIP			
Project Name:	Columbia Blv	vd. Widening (8:	2nd Ave.	- 60th Ave.)	
Map ID:	40 Time	Frame (Years):	20 years	Total Cost:	\$15,000,000
Project Type:	Road			Year of Cost Estimate:	2003
Operation Area	PDX/PIC			<u>Federal:</u>	
Project Description:	Widen Columbia Blv	d. to five lanes.		State:	
				<u>City:</u>	
					
Purpose:	Address system bot	tleneck along Columbia		SDC:	
			a Blvd.	SDC: Port Share	
JDE NUM:			a Blvd.	Port Share Committed:	
			a Blvd.	Port Share Committed: Port Share	
RTP Related:	10376		a Blvd.	Port Share Committed:	
		bard Connector Study ysis (2000)	a Blvd.	Port Share Committed: Port Share Forecasted:	
	East Columbia-Lom Transportation Analy	ysis (2000)	a Blvd.	Port Share Committed: Port Share Forecasted: Private:	\$15,000,000
Recent Study:	East Columbia-Lom Transportation Analy Regional Leadershi	ysis (2000)		Port Share Committed: Port Share Forecasted: Private: Other:	\$15,000,000

Project Name: PDX Transportation Demand Management (TDM)

Map ID:	41 Time Fra	ame (Years):	5 years	Total Cost:	
Project Type:	Other			Year of Cost Estimate:	
Operation Area	PDX/PIC			<u>Federal:</u>	
Project Description:	Implement strategies at	PDX and PIC prope	rties that	State:	
	reduce auto trips in the undertaken with other a	rea businesses/deve	elopers to	<u>City:</u>	
	maximize effectiveness; Met.	possible bus shut	tle through Tri	SDC:	
Purpose:	Fulfill TDM requirements TDM projects and progr Alternative Modes Study	ams recommended		Port Share Committed:	
JDE NUM:				Port Share	
RTP Related:				Forecasted:	
	PDX Employee TDM Pro	ogram Study (2002)		Private:	
·				<u>Other:</u> <u>Unfunded:</u>	
Port Strategic Area:	Regional Leadership in	·	_		
✓ RTP 2040 Illustra	ıtive	Conditioned Proje	ect <u>Es</u>	<u>timate Rating:</u>	
Project Name:	_	Identified in STIP			
Map ID:		ame (Years):	5 years	Total Cost:	\$6,700,000
Project Type:	Road			Year of Cost	2013
Operation Area	PDX/PIC			Estimate:	
Project Description:	New auxiliary lane from	I-84 to I-205 NB befo	ore Columbia	<u>Federal:</u>	\$6,700,000
	Blvd.			<u>State:</u> <u>City:</u>	
				SDC:	
Purpose:	Provide additional capa traffic.	city for anticipated g	growth in area	Port Share	
				Committed:	
JDE NUM:				Port Share	
RTP Related:	11398			Forecasted: Private:	
Recent Study:	ODOT Bottleneck Study	(2013)		Other:	
Port Strategic Area:	Regional Leadership in	Transportation		<u>Unfunded:</u>	
✓ RTP 2040 Illustra	ıtive	Conditioned Proje	ect <u>Es</u>	<u>timate Rating:</u>	
✓ RTP 2040 Constr	rained 🗸	Identified in STIP			

Project Name: SW Quad Access

мар ір:	45 Time Frame (Years): 10 years	<u>i otal Cost:</u>	\$5,917,500
Project Type:	Road	Year of Cost Estimate:	2007
Operation Area	PDX/PIC	<u>Federal:</u>	
Project Description:	Provide street access from 33rd Ave. into SW Quad.	State:	
		City:	
		SDC:	
Purpose:	Provide efficient movement of traffic to developing PDX properties.	Port Share Committed:	
JDE NUM:		Port Share	
RTP Related:		Forecasted:	
		<u>Private:</u>	
Recent Study:	PDX Conditional Use Master Plan (2003)	<u>Other:</u>	
Port Strategic Area:	Regional Leadership in Industrial Land	<u>Unfunded:</u>	\$5,917,500
✓ RTP 2040 Illustra	ative Conditioned Project	Estimate Rating: 30	
✓ RTP 2040 Consti	rained Identified in STIP		
	Airport Way Braided Ramps		
Map ID:	Time Frame (Years): 20 years		\$59,000,000
Project Type:	Road	Year of Cost Estimate:	2007
Operation Area	PDX/PIC	<u>Federal:</u>	
Project Description:	Construct braided ramps between the I-205 interchang and Cascade Interchange.	State:	
		<u>City:</u>	
Purnosa:	Maintain safety and capacity of Airport Way and	SDC:	
i dipose.	interchanges.	Port Share Committed:	
JDE NUM:	101227	Port Share	
RTP Related:	10371	<u>Forecasted:</u> <u>Private:</u>	
Recent Study:	PDX Airport Way ROW Concept (1999)	Other:	
Port Strategic Area	Retain and Grow Key Services	<u> </u>	\$59,000,000
RTP 2040 Illustra		Estimate Rating: 30	. , -,2
RTP 2040 Consti	_		
			

Project Name: Alternative Fuels Station

Map ID:	45 Time	e Frame (Years):	5 years	<u>Total Cost:</u>	\$1,000,000
Project Type:	Other			Year of Cost Estimate:	2001
Operation Area	PDX/PIC			<u>Federal:</u>	
Project Description:	Construct a PDX a	Iternative fuels station.		State:	
				<u>City:</u>	
				SDC:	
Purpose:	CNG vehicles. End	apabilities for both lands courage airport business			
	fleets to CNG to im	nprove air quality.		Committed:	
JDE NUM:				Port Share	
RTP Related:				<u>Forecasted:</u> <u>Private:</u>	
Recent Study:				Other:	
•					
Port Strategic Area:				<u>Unfunded:</u>	\$1,000,000
RTP 2040 Illustra		☐ Conditioned Pro	•	Estimate Rating: 30	
RTP 2040 Consti	rained	Identified in STIF	•		
Project Name:	Deplaning C	Curbside Roadw	ay Lanes	<u>3</u>	
Map ID:	46 Time	e Frame (Years):	10 years	Total Cost:	\$2,976,000
Project Type:	Road			Year of Cost	0010
Operation Area	PDX/PIC			Estimate:	2010
Project Description:	Add New Lane			<u>Federal:</u>	
,	Add New Lane.			<u>State:</u>	
				<u>City:</u>	
Purpose:	Provide additional	capacity for anticipated	growth in	SDC:	
·	passenger traffic.	, , ,	Ü	Port Share Committed:	
JDE NUM:	101466			Port Share	
RTP Related:				Forecasted:	\$2,976,000
				<u>Private:</u>	
Recent Study:	PDX Airport Future	s 2010 Master Plan		<u>Other:</u>	
Port Strategic Area:	Retain and Grow k	Key Services		<u>Unfunded:</u>	
✓ RTP 2040 Illustra	ntive	☐ Conditioned Pro	ject	Estimate Rating:	
✓ RTP 2040 Consti	rained	Identified in STIF	5		

Project Name: Deplaning Curbside Roadway Loading

Map ID:	47 Time	e Frame (Years):	10 years	Total Cost:	\$324,000
Project Type:	Road			Year of Cost	2010
Operation Area	PDX/PIC			Estimate:	2010
Project Description:	Add New Lane.			<u>Federal:</u>	
				State:	
				City:	
Purpose:		capacity for anticipated	growth in	SDC:	
	passenger traffic.			Port Share Committed:	
JDE NUM:	101467			<u>Port Share</u> <u>Forecasted:</u>	\$324,000
RTP Related:	11657			Private:	
Recent Study:	PDX Airport Future	es 2010 Master Plan		Other:	
Port Strategic Area:	Retain and Grow k	Kev Services		<u>Unfunded:</u>	
✓ RTP 2040 Illustra		☐ Conditioned Pro	ject	Estimate Rating:	
RTP 2040 Consti	rained	☐ Identified in STII	P		
Project Name:	Terminal Exi	it Roadway at P	. O. Cur	<u>/es</u>	
Map ID:	48 Time	e Frame (Years):	5 years	Total Cost:	\$1,500,000
Project Type:	Road			<u>Year of Cost</u> <u>Estimate:</u>	2010
Operation Area	PDX/PIC			<u>Federal:</u>	
Project Description:	Add New Lane.			State:	
				<u>City:</u>	
				SDC:	
Purpose:	Provide additional passenger traffic.	capacity for anticipated	growth in	Port Share	
	passenger namer			Committed:	
JDE NUM:	101472			Port Share	#4 500 000
RTP Related:	11655			Forecasted:	\$1,500,000
Recent Study:	PDX Airport Future	es 2010 Master Plan		Private:	
				Other: Unfunded:	
Port Strategic Area:					
RTP 2040 Illustra		Conditioned Pro	-	Estimate Rating:	
✓ RTP 2040 Consti	rainea	Identified in STII	۲		

Project Name: Terminal Exit Roadway at Parking Plaza

Map ID:	49 Tim	e Frame (Years):	5 years	Total Cost:	\$1,104,000
Project Type:	Road			Year of Cost Estimate:	2010
Operation Area	PDX/PIC				2010
Project Description:	Add New Lane.			<u>Federal:</u>	
				State:	
				City:	
Purpose:		I capacity for anticipated	growth in	SDC:	
	passenger traffic.			<u>Port Share</u> <u>Committed:</u>	
JDE NUM:	101473			Port Share Forecasted:	\$1,104,000
RTP Related:	11655			<u>Private:</u>	
Recent Study:	PDX Airport Future	es 2010 Master Plan		Other:	
Port Strategic Area:	Retain and Grow	Key Services		<u>Unfunded:</u>	
✓ RTP 2040 Illustra		Conditioned Pro	iect	Estimate Rating:	
✓ RTP 2040 Consti		Identified in STIF			
Project Name:		e/Marine Drive Ir e Frame (Years):	ntersection 5 years	on Improvements Total Cost:	ΦΕ 760 642
Project Type:	Road	e i fame (fears).	5 years	Year of Cost	\$5,760,643
, ,,	PDX/PIC			Estimate:	2013
•				<u>Federal:</u>	
Project Description:	Signalize the inter Drive.	section of NE 33rd Avenu	ue and Marin	e <u>State:</u>	
				<u>City:</u>	
Purpose:	Improve safety an	nd access for 33rd Avenue	e Mav	SDC:	
		and ped facilities as well.	oay	Port Share Committed:	
JDE NUM:				Port Share	
RTP Related:				Forecasted:	
		es 2010 Master Plan		<u>Private:</u>	
ricociii olady.	I DV VIIDOIT I AIRII	CS 2010 Mastel Flait		Other:	
Port Strategic Area:	Regional Leaders	ship in Transportation		<u>Unfunded:</u>	\$5,760,643
RTP 2040 Illustra	ative	✓ Conditioned Pro	ject	Estimate Rating:	
✓ RTP 2040 Consti		Identified in STIF			

Project Name: Alderwood Street Bikeway

Map ID:	51 Time	e Frame (Years):	5 years	<u>Total Cost:</u>	\$561,200
Project Type:	Bike/Ped			Year of Cost Estimate:	2013
Operation Area	PDX/PIC			Federal:	
Project Description:	Provide bike lanes	or pathway on Alderwoo	od Road	State:	
	between Columbia	a Blvd. and the Alderwoo	d Trail		
				City:	
Purpose:		d provide better separation	on from mot		
	vehicle traffic.			Port Share Committed:	
JDE NUM:				Port Share	
RTP Related:	10338			<u>Forecasted:</u> <u>Private:</u>	
Recent Study:	2014 Airport Bike a	and Pedestrian Master Pl	lan	Other:	
D . O				<u>Unfunded:</u>	¢561 200
Port Strategic Area:					\$561,200
✓ RTP 2040 Illustra ✓ RTP 2040 Constr		☐ Conditioned Proj	•	Estimate Rating:	
Project Name: Map ID:		t Way Crosswalk Frame (Years):	₹ 5 years	<u>Total Cost:</u>	
Project Type:	Bike/Ped	- 1 Tallio (1 Gal G)	o years	Year of Cost	
, , , , ,				Estimate:	
Operation Area	PDX/PIC			<u>Federal:</u>	
Project Description:	Modify Crosswalks between Airport W	s, Pedestrian signals, and ay and Frontage Road	d sidewalks	State:	
				<u>City:</u>	
Purposo:	Cafat : Fabarasa			SDC:	
Purpose.	Safety Enhanceme	ent		Port Share Committed:	
JDE NUM:				Port Share	
RTP Related:				Forecasted:	
Recent Study:				Private:	
-				Other:	
Port Strategic Area:				<u>Unfunded:</u>	
RTP 2040 Illustra		Conditioned Proj	-	Estimate Rating:	
✓ RTP 2040 Constr	rainad	Identified in STIP)		

Project Name: <u>Bicycle/Pedestrian Upgrades</u>

Map ID: 53 Time Frame (Years): 5 years <u>Total Cost:</u>

Project Type: Bike/Ped
Year of Cost
Estimate:

Operation Area PDX/PIC Federal:

Project Description: Modify existing paths and routes along N. Frontage Road

and 92nd Avenue

State:

and 82nd Avenue.

City:

Purpose: Implement recommendations from independent audit.

Port Share Committed:

JDE NUM: Port Share Forecasted:

RTP Related: Private:

Recent Study: Other:

Port Strategic Area: Regional Leadership in Transportation

Unfunded:

✓ RTP 2040 Illustrative

✓ Conditioned Project

Estimate Rating:

✓ RTP 2040 Constrained ✓ Identified in STIP



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Project Name: HIO Wash Racks

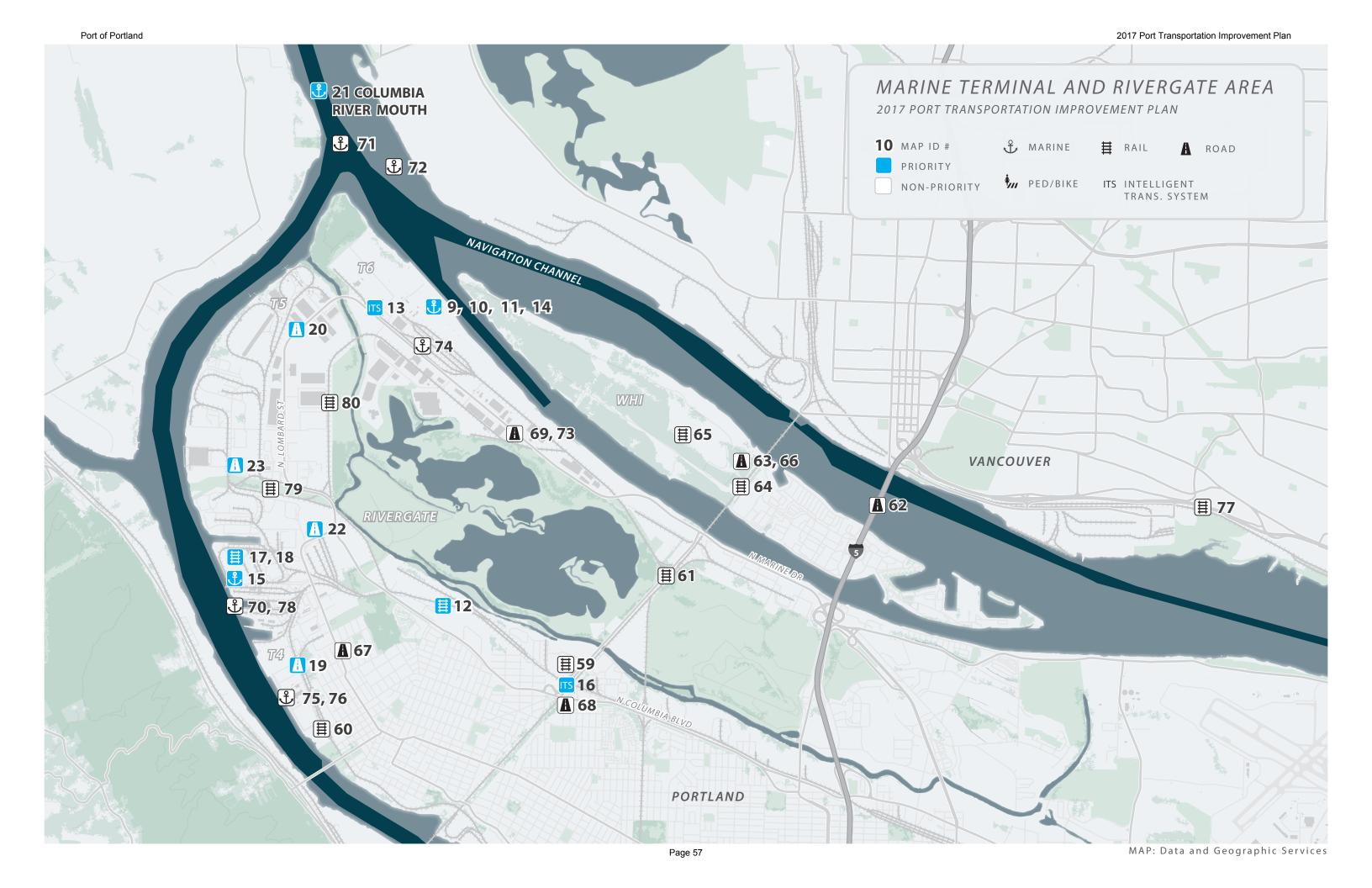
Map ID:	54	Time Frame (Year	's): 5 y	rears	Total Cost:	\$620,100
Project Type:	Aviation			<u>Y</u>	ear of Cost Estimate:	2010
Operation Area	Hillsboro				<u>Federal:</u>	2010
Project Description:					State:	
	washing with out of storm	pollution control systen system.	n to keep wa	sh water	<u>City:</u>	
					SDC:	
Purpose:	Improve envi	ronmental performance	at the airpor		Port Share	
					Committed:	
JDE NUM:	100646				Port Share orecasted:	
RTP Related:				-	Private:	
Recent Study:					Other:	
Port Strategic Area:	Portwide Env	vironmental Strategy			<u>Unfunded:</u>	\$620,100
RTP 2040 Illustra		☐ Conditione	d Project	<u>Estin</u>	nate Rating:	
RTP 2040 Constr	ained	Identified in	STIP			
Project Name:	HIO Taxi	iway to NW Cor	oorate C	<u>enter</u>		
Map ID:	55	Ti F 0/			Tatal Cast	
		Time Frame (Year	'S): 10 y	ears	Total Cost:	\$1,050,000
Project Type:	Aviation	Time Frame (Year	S): 10 y		ear of Cost	
Project Type: Operation Area		Time Frame (Year	s): 10 y		ear of Cost Estimate:	\$1,050,000 2009
, , ,	Aviation Hillsboro Construct a t	axiway to serve new ten	, ,	<u>Y</u> (Estimate: Federal:	
Operation Area	Aviation Hillsboro	axiway to serve new ten	, ,	<u>Y</u> (ear of Cost Estimate: Federal: State:	
Operation Area	Aviation Hillsboro Construct a t	axiway to serve new ten	, ,	<u>Y</u> (ear of Cost Estimate: Federal: State: City:	
Operation Area Project Description:	Aviation Hillsboro Construct a t development	axiway to serve new ten	ant leasehold	Y ddd	ear of Cost Estimate: Federal: State:	
Operation Area Project Description:	Aviation Hillsboro Construct a t development	axiway to serve new ten t. development in the area	ant leasehold	Yo d d dlO ATCT	Estimate: Federal: State: City: SDC: Port Share Committed:	
Operation Area Project Description:	Aviation Hillsboro Construct a t development New tenant of will require ai	axiway to serve new ten t. development in the area	ant leasehold	Your did not	Ear of Cost Estimate: Federal: State: City: SDC: Port Share Committed:	
Operation Area Project Description: Purpose:	Aviation Hillsboro Construct a t development New tenant of will require ai	axiway to serve new ten t. development in the area	ant leasehold	Your did not	Estimate: Federal: State: City: SDC: Port Share Committed:	
Operation Area Project Description: Purpose: JDE NUM:	Aviation Hillsboro Construct a t development New tenant of will require ai	axiway to serve new ten t. development in the area	ant leasehold	Your did not	Ear of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	
Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Aviation Hillsboro Construct a t development New tenant c will require ai	axiway to serve new ten t. development in the area irside infrastructure.	ant leasehold	Your did not	Ear of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	
Operation Area Project Description: Purpose: JDE NUM: RTP Related:	Aviation Hillsboro Construct a t development New tenant c will require ai	axiway to serve new ten t. development in the area irside infrastructure.	ant leasehold	Yo d HIO ATCT	ear of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2009

Project Name: HIO Reconstruct Runway 13R/31L

Map ID:	56	Time Frame (Years	s):	5 years	Total Cost:	\$32,132,000
Project Type:	Aviation				Year of Cost Estimate:	2016
Operation Area	Hillsboro				<u>Estimate.</u> <u>Federal:</u>	2010
Project Description:			s, inclu	ıding light	ing, State:	
	drainage, ar	nd taxiway improvements.			<u>City:</u>	
					SDC:	
Purpose:	Provide imp	rovements identified in HIG	O 2006	Master P	Port Share Committed:	
JDE NUM:	101544				Port Share Forecasted:	
RTP Related:					Private:	
Recent Study:	HIO 2006 M	aster Plan			Other:	
Port Strategic Area:	Retain and (Grow Kev Services			<u>Unfunded:</u>	\$32,132,000
RTP 2040 Illustra		Conditioned	Projec	et	Estimate Rating:	
RTP 2040 Constr	ained	☐ Identified in	STIP			
Project Name:	<u>HIO 13F</u>	R-31L RSA Modific	<u>catio</u>	<u>ns</u>		
Map ID:	57	Time Frame (Years	s):	5 years	Total Cost:	\$4,725,000
Map ID: Project Type:	57 Aviation	Time Frame (Years	s): (5 years	Year of Cost	
•		Time Frame (Years	s): (5 years	Year of Cost Estimate:	\$4,725,000 2016
Project Type:	Aviation Hillsboro Implement n	nodifications to reduce wa		·	Year of Cost Estimate: Federal:	
Project Type: Operation Area	Aviation Hillsboro	nodifications to reduce wa		·	Year of Cost Estimate: Federal: the State:	
Project Type: Operation Area	Aviation Hillsboro Implement n	nodifications to reduce wa		·	Year of Cost Estimate: Federal: the State: City:	
Project Type: Operation Area Project Description:	Aviation Hillsboro Implement n	nodifications to reduce wa	terfowl	habitat in	Year of Cost Estimate: Federal: State: City: SDC: Port Share	
Project Type: Operation Area Project Description: Purpose:	Aviation Hillsboro Implement n runway safe Modify and n area.	nodifications to reduce wa ty area.	terfowl	habitat in	Year of Cost Estimate: Federal: State: City: SDC:	
Project Type: Operation Area Project Description: Purpose: JDE NUM:	Aviation Hillsboro Implement n runway safe Modify and n area.	nodifications to reduce wa ty area.	terfowl	habitat in	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	
Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	Aviation Hillsboro Implement n runway safe Modify and n area.	nodifications to reduce wa ty area.	terfowl	habitat in	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	
Project Type: Operation Area Project Description: Purpose: JDE NUM:	Aviation Hillsboro Implement n runway safe Modify and n area.	nodifications to reduce wa ty area.	terfowl	habitat in	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	
Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	Aviation Hillsboro Implement n runway safe Modify and n area.	nodifications to reduce wa ty area. mitgate for water features i	terfowl	habitat in	the Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other: Unfunded:	2016 \$4,725,000
Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Aviation Hillsboro Implement n runway safe Modify and n area. 101037 Retain and 0	nodifications to reduce wa ty area. mitgate for water features i	terfowl in the ru	habitat in unway saf	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2016 \$4,725,000

Project Name: HIO Taxiway A Reconstruction

Map ID:	58 Time	Frame (Years):	5 years	Total Cost:	\$13,000,000
Project Type:	Aviation			Year of Cost Estimate:	2016
Operation Area	Hillsboro			<u>Federal:</u>	
Project Description:	Rehabilitate full len drainage, lighting,		cluding	State:	
				<u>City:</u>	
Purpose:	Provide improveme	ents identified in HIO 200	06 Master Plan	SDC:	
1 30 4 2 2 3		,		Port Share Committed:	
JDE NUM:	102386			Port Share Forecasted:	
RTP Related:				Private:	
Recent Study:	HIO 2006 Master P	lan		Other:	
Port Strategic Area:	Retain and Grow K	(ey Services		<u>Unfunded:</u>	\$13,000,000
RTP 2040 Illustra	ıtive	☐ Conditioned Proj	ject <u>Es</u>	stimate Rating:	
RTP 2040 Constr	ained	Identified in STIP	•		



Project Name: Kenton Rail Line Upgrade

Map ID:	59 Time	e Frame (Years):	10 years	Total Cost:	\$25,382,000
Project Type:	Rail			Year of Cost	2003
Operation Area	Rivergate			Estimate:	2003
Project Description:	Upgrade existing t	track to second main tra	ack with new	<u>Federal:</u>	
		Peninsula Junction to I- veen North Portland, Per			
	to Reynolds on UF			<u>City:</u>	
Purpose:		city and reduce delays fo	or greater	SDC:	
	efficiency.			Port Share Committed:	
JDE NUM:				Port Share Forecasted:	
RTP Related:	11356			<u>Private:</u>	
Recent Study:	I-5 Rail Capacity S	Study (HDR, 2003)		Other:	
Port Strategic Area:	Regional Leaders	ship in Transportation		<u>Unfunded:</u>	\$25,382,000
✓ RTP 2040 Illustra	•	Conditioned Pro	oject <u>Es</u>	stimate Rating:	
✓ RTP 2040 Constr	ained	✓ Identified in STI	•	_	
Project Name:	Cathedral P	ark Quiet Zone			
Map ID:	60 Time	e Frame (Years):	5 years	Total Cost:	\$8,200,000
Project Type:	Rail			Year of Cost Estimate:	2007
Operation Area	Rivergate			<u>Federal:</u>	
Project Description:	Address rail switch	hing noise by improving	multiple public	State:	
	rail crossings in th	ne St. Johns Cathedral P	ark area.	<u>City:</u>	
				SDC:	
Purpose:		ort operations to continu		Port Share	
	Tottland and impl	ove heighborhood livab	mey.	Committed:	
JDE NUM:	810051			Port Share Forecasted:	
RTP Related:	10375			Private:	
Recent Study:	Cathedral Park Wh Parametrix (2007)	histle Free Zone Strateg	ic Options,	Other:	
Port Strategic Area:	Retain and Grow I	Key Services		<u>Unfunded:</u>	\$8,200,000
▼ RTP 2040 Illustra	tive	☐ Conditioned Pro	oject <u>Es</u>	stimate Rating:	
✓ RTP 2040 Constr	ained	Identified in STI	P		

Project Name: North Portland Junction

Map ID:	61 Time	Frame (Years):	10 years	Total Cost:	\$9,160,000
Project Type:	Rail			Year of Cost Estimate:	2003
Operation Area	Rivergate			<u>Federal:</u>	
Project Description:	Upgrade railroad wit traffic control tie-in a	th revised crossovers, and increased turning r	centralized radius.	State:	
		o .		<u>City:</u>	
Purnoso:	A - - -			SDC:	
ruipose.	provides greater cap	er rail speeds at the jui pacity.	nction which	Port Share Committed:	
JDE NUM:				Port Share	
RTP Related:				Forecasted:	
	I-5 Rail Capacity Stu	idy (HDR 2003)		<u>Private:</u>	
	To Hair Supasity Sta	rdy (11211, 2000)		Other:	
Port Strategic Area:	Regional Leadership	o in Transportation		<u>Unfunded:</u>	\$9,160,000
RTP 2040 Illustra	_	Conditioned Pro	-	Estimate Rating:	
☐ RTP 2040 Constr	ained	Identified in STII	Р		
Drainat Nama.		D: 0 :			
Project Name:	I-5 Columbia	River Crossing	<u>]</u>		
Project Name: Map ID:		Frame (Years):	10 years	<u>Total Cost:</u>	\$2,982,000,000
				Year of Cost	\$2,982,000,000 2002
Map ID:	62 Time			Year of Cost Estimate:	
Map ID: Project Type:	62 Time Road Rivergate	Frame (Years):	10 years	Year of Cost	
Map ID: Project Type: Operation Area	62 Time Road Rivergate Increase the number	Frame (Years):	10 years	Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area Project Description:	62 Time Road Rivergate Increase the number across the river.	Frame (Years): r of lanes and add trar	10 years	Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	62 Time Road Rivergate Increase the number across the river.	Frame (Years): r of lanes and add tran	10 years	Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	Road Rivergate Increase the number across the river.	Frame (Years): r of lanes and add tran	10 years	Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	Road Rivergate Increase the number across the river.	Frame (Years): r of lanes and add tran	10 years	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose:	Road Rivergate Increase the number across the river. Increase multi-moda and relieve congestion	Frame (Years): r of lanes and add tran	10 years	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	Road Rivergate Increase the number across the river. Increase multi-moda and relieve congestion 10893 I-5 Transportation ar	Frame (Years): r of lanes and add tran al capacity across the con.	10 years nsit capacity Columbia Rive	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Road Rivergate Increase the number across the river. Increase multi-moda and relieve congestion 10893 I-5 Transportation ar Strategic Plan (2002)	Frame (Years): If of lanes and add transal capacity across the control on.	10 years nsit capacity Columbia Rive	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	Road Rivergate Increase the number across the river. Increase multi-moda and relieve congestion 10893 I-5 Transportation ar Strategic Plan (2002) Regional Leadership	Frame (Years): If of lanes and add transal capacity across the control on.	10 years nsit capacity Columbia Rive	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2002

Project Name: N. Hayden Island Drive

Map ID:	63 Time Frame (Years):	20 years <u>Total Cost:</u>	\$12,000,000
Project Type:	Road	<u>Year of Cost</u> <u>Estimate:</u>	2012
Operation Area	Rivergate		2012
Project Description:	Reconstruct N. Hayden Island Drive.	<u>Federal:</u>	
		State:	
		City:	
Purpose:	Provide improved access to West Hayden		
		<u>Port Share</u> <u>Committed:</u>	
JDE NUM:		<u>Port Share</u> <u>Forecasted:</u>	
RTP Related:	11632	Private:	
Recent Study:	West Hayden Island Concept Plan 2012	Other:	
Port Strategic Area:	Retain and Grow Key Services	<u>Unfunded:</u>	\$12,000,000
RTP 2040 Illustra	_	pject <u>Estimate Rating:</u>	
✓ RTP 2040 Constr		•	
Project Name:	West Hayden Island Rail Ac	<u>ocess</u>	
Map ID:	64 Time Frame (Years):	20 years <u>Total Cost:</u>	\$3,000,000
Project Type:	Rail	<u>Year of Cost</u> <u>Estimate:</u>	
Operation Area	Rivergate	<u> Loumator</u>	
Project Description:	· · · · · · · · · · · · · · · · ·	Federal:	
	Rail access from the mainline to support V	West Hayden State:	
		West Hayden State:	
	Rail access from the mainline to support V	West Hayden State: City:	
	Rail access from the mainline to support V	West Hayden State:	
	Rail access from the mainline to support V Island development.	West Hayden State: City: SDC: Port Share Committed:	
	Rail access from the mainline to support V Island development.	State: City: SDC: Port Share Committed: Port Share	
Purpose:	Rail access from the mainline to support V Island development. Advance rail-dependent development.	Nest Hayden State: City: SDC: Port Share Committed: Port Share Forecasted:	
Purpose: JDE NUM: RTP Related:	Rail access from the mainline to support V Island development. Advance rail-dependent development.	State: City: SDC: Port Share Committed: Port Share	
Purpose: JDE NUM: RTP Related: Recent Study:	Rail access from the mainline to support V Island development. Advance rail-dependent development. 11353 West Hayden Island Concept Plan 2012	Nest Hayden State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	\$3,000,000
Purpose: JDE NUM: RTP Related: Recent Study:	Rail access from the mainline to support V Island development. Advance rail-dependent development. 11353 West Hayden Island Concept Plan 2012 Retain and Grow Key Services	State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other: Unfunded:	\$3,000,000

Project Name: West Hayden Island Rail Yard

Map ID:	65 Time F	rame (Years):	20	years	Total Cost:	\$9,500,000
Project Type:	Rail				Year of Cost Estimate:	
Operation Area	Rivergate				<u>Estimate.</u> <u>Federal:</u>	
Project Description:	Construct rail yard co	nnected to facility tra	ackage	9.	<u>state:</u>	
					<u>Otate:</u> <u>City:</u>	
					SDC:	
Purpose:	Advance rail developn	ment on West Hayde	n Islan	ıd.	Port Share	
					Committed:	
JDE NUM:					Port Share	
RTP Related:	11354				<u>Forecasted:</u> <u>Private:</u>	
Recent Study:	West Hayden Island C	Concept Plan 2012			Other:	
Dout Stratonia Avan		0 1			Unfunded:	\$9,500,000
Port Strategic Area:	_	7			Estimate Rating:	ψ9,500,000
▼ RTP 2040 Illustra		Conditioned Pro	•		<u>L3timate Hating.</u>	
Project Name:	West Hayden I	isiang interior	A(:(:ess i	≺∩ลต	
Project Name:			ACC	cess i		
Map ID:	66 Time F	rame (Years):		CESS I years	Total Cost:	\$13,600,000
Map ID: Project Type:						\$13,600,000 2012
Map ID: Project Type: Operation Area	66 Time F Road Rivergate	rame (Years):	20	years	<u>Total Cost:</u> <u>Year of Cost</u>	
Map ID: Project Type:	66 Time F Road Rivergate	rame (Years):	20	years	Total Cost: Year of Cost Estimate:	
Map ID: Project Type: Operation Area	66 Time F Road Rivergate Construct interior road	rame (Years):	20	years	Total Cost: Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area Project Description:	66 Time F Road Rivergate Construct interior road berth access.	irame (Years):	20 y	years s and	Total Cost: Year of Cost Estimate: Federal: State:	
Map ID: Project Type: Operation Area Project Description:	66 Time F Road Rivergate Construct interior road	irame (Years):	20 y	years s and	Total Cost: Year of Cost Estimate: Federal: State: City:	
Map ID: Project Type: Operation Area Project Description:	66 Time F Road Rivergate Construct interior road berth access.	irame (Years):	20 y	years s and	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose:	66 Time F Road Rivergate Construct interior road berth access.	irame (Years):	20 y	years s and	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	66 Time F Road Rivergate Construct interior road berth access.	rame (Years):	20 y	years s and	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	66 Time F Road Rivergate Construct interior road berth access. Provide roadway for no	crame (Years): dway including rail over the way in the wa	20 y	years s and	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	Road Rivergate Construct interior road berth access. Provide roadway for now West Hayden Island Construct Island Construct interior road berth access.	crame (Years): dway including rail over the way in the wa	20 y	s and	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2012

\$3,346,000

Total Cost:

5 years

Project Name: St. Johns Pedestrian District

Time Frame (Years):

Map ID: 67

Project Type:	Road	Year of Cost	2005
Operation Area	Rivergate	Estimate:	
Project Description:	Improvements could include restriping, curb extensions	<u>Federal:</u>	\$3,002,365
	and other pedestrian and bicycle amenities on Lombard	State:	
	St. that do not impede truck movement, as well as intersection improvements and signalization.	<u>City:</u>	\$343,635
Purpose:	Maintain truck movement and minimize conflicts with	SDC:	
·	bicycles and pedestrians between Philadelphia Ave. and Lombard St. at Pier Park.	Port Share Committed:	
JDE NUM:		Port Share	
RTP Related:	10182	Forecasted: Private:	
Recent Study:	St. Johns Truck Strategy Report & Recommendation	· · · · · · · · · · · · · · · · · · ·	
	(2001)	Other:	
Port Strategic Area:	Regional Leadership in Transportation	<u>Unfunded:</u>	
✓ RTP 2040 Illustra	tive	stimate Rating:	
DTD 0040 0			
✓ RTP 2040 Constr	ained Identified in STIP		
Project Name:	Columbia Blvd./Portland Rd. Intersection		
Project Name:	Columbia Blvd./Portland Rd. Intersection 68 Time Frame (Years): 5 years	Total Cost:	<u>nts</u> \$1,214,000
Project Name: Map ID: Project Type:	Columbia Blvd./Portland Rd. Intersection 68 Time Frame (Years): 5 years Road		
Project Name: Map ID: Project Type: Operation Area	Columbia Blvd./Portland Rd. Intersection 68 Time Frame (Years): 5 years Road Rivergate	Total Cost: Year of Cost	\$1,214,000
Project Name: Map ID: Project Type: Operation Area	Columbia Blvd./Portland Rd. Intersection 68 Time Frame (Years): 5 years Road Rivergate Redesign could include realignment of travel lanes,	Total Cost: Year of Cost Estimate: Federal:	\$1,214,000
Project Name: Map ID: Project Type: Operation Area	Columbia Blvd./Portland Rd. Intersection 68 Time Frame (Years): 5 years Road Rivergate	Total Cost: Year of Cost Estimate: Federal: State:	\$1,214,000 2006
Project Name: Map ID: Project Type: Operation Area	Columbia Blvd./Portland Rd. Intersection 68 Time Frame (Years): 5 years Road Rivergate Redesign could include realignment of travel lanes, channelization, signalization, signing or new sidewalks	Total Cost: Year of Cost Estimate: Federal: State: City:	\$1,214,000 2006
Project Name: Map ID: Project Type: Operation Area Project Description:	Columbia Blvd./Portland Rd. Intersection 68 Time Frame (Years): 5 years Road Rivergate Redesign could include realignment of travel lanes, channelization, signalization, signing or new sidewalks and curbs. Reinforce through truck movements on minor and major	Total Cost: Year of Cost Estimate: Federal: State: City: SDC:	\$1,214,000 2006
Project Name: Map ID: Project Type: Operation Area Project Description:	Columbia Blvd./Portland Rd. Intersection 68 Time Frame (Years): 5 years Road Rivergate Redesign could include realignment of travel lanes, channelization, signalization, signing or new sidewalks and curbs.	Total Cost: Year of Cost Estimate: Federal: State: City:	\$1,214,000 2006
Project Name: Map ID: Project Type: Operation Area Project Description: Purpose:	Columbia Blvd./Portland Rd. Intersection 68 Time Frame (Years): 5 years Road Rivergate Redesign could include realignment of travel lanes, channelization, signalization, signing or new sidewalks and curbs. Reinforce through truck movements on minor and major truck streets (Portland Rd. and Columbia Blvd.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	\$1,214,000 2006
Project Name: Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	Columbia Blvd./Portland Rd. Intersection 68 Time Frame (Years): 5 years Road Rivergate Redesign could include realignment of travel lanes, channelization, signalization, signing or new sidewalks and curbs. Reinforce through truck movements on minor and major truck streets (Portland Rd. and Columbia Blvd. respectively), minimizing neighborhood cut-through traffic.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	\$1,214,000 2006
Project Name: Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	Columbia Blvd./Portland Rd. Intersection 68 Time Frame (Years): 5 years Road Rivergate Redesign could include realignment of travel lanes, channelization, signalization, signing or new sidewalks and curbs. Reinforce through truck movements on minor and major truck streets (Portland Rd. and Columbia Blvd. respectively), minimizing neighborhood cut-through traffic.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	\$1,214,000 2006
Project Name: Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	Columbia Blvd./Portland Rd. Intersection 68 Time Frame (Years): 5 years Road Rivergate Redesign could include realignment of travel lanes, channelization, signalization, signing or new sidewalks and curbs. Reinforce through truck movements on minor and major truck streets (Portland Rd. and Columbia Blvd. respectively), minimizing neighborhood cut-through traffic.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	\$1,214,000 2006
Project Name: Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Columbia Blvd./Portland Rd. Intersection 68 Time Frame (Years): 5 years Road Rivergate Redesign could include realignment of travel lanes, channelization, signalization, signing or new sidewalks and curbs. Reinforce through truck movements on minor and major truck streets (Portland Rd. and Columbia Blvd. respectively), minimizing neighborhood cut-through traffic. 10229 St. Johns Truck Strategy Report & Recommendation	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	\$1,214,000 2006
Project Name: Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Columbia Blvd./Portland Rd. Intersection 68 Time Frame (Years): 5 years Road Rivergate Redesign could include realignment of travel lanes, channelization, signalization, signing or new sidewalks and curbs. Reinforce through truck movements on minor and major truck streets (Portland Rd. and Columbia Blvd. respectively), minimizing neighborhood cut-through traffic. 10229 St. Johns Truck Strategy Report & Recommendation (2001) Regional Leadership in Transportation	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	\$1,214,000 2006 \$538,380

Project Name: Marine Dr. Improvement Phase 2

Map ID:	69	Time Frame	(Years):	20	years	Total Cost:	\$13,644,200
Project Type:	Road					Year of Cost Estimate:	2003
Operation Area	Rivergate					<u>Federal:</u>	2000
Project Description:	Construct rai	il overcrossing o	on Marine Dr.			<u>r ederar:</u> State:	
						<u>City:</u>	
						SDC:	
Purpose:	Avoid road/ra	ail conflict.				Port Share Committed:	
JDE NUM:						Port Share	
RTP Related:	10370					Forecasted:	
Recent Study:	10079					Private:	
moodin Glady.						Other:	
Port Strategic Area:	Regional Lea					<u>Unfunded:</u>	\$13,644,200
✓ RTP 2040 Illustra ✓ RTP 2040 Constr			nditioned Pro	•		Estimate Rating:	3c
✓ RTP 2040 Constr	ainea		ntified in STI	P			
Dualast Names		u - D: OI	hannal D	een/	anina		
Project Name:	Willamet	ite River Ci	<u>Haririei D</u>	<u>ccp</u>	<u>cillig</u>		
Project Name: Map ID:		Time Frame			years	Total Cost:	\$200,000,000
						<u>Total Cost:</u> <u>Year of Cost</u>	\$200,000,000
Map ID:	70					Total Cost: Year of Cost Estimate:	\$200,000,000
Map ID: Project Type: Operation Area	70 Marine Rivergate	Time Frame	e (Years):	10	years	Total Cost: Year of Cost Estimate: Federal:	\$200,000,000
Map ID: Project Type:	70 Marine Rivergate Deepen the p	Time Frame	e (Years): Villamette Rive	10	years	Total Cost: Year of Cost Estimate: Federal: State:	\$200,000,000
Map ID: Project Type: Operation Area	70 Marine Rivergate Deepen the p	Time Frame	e (Years): Villamette Rive	10	years	Total Cost: Year of Cost Estimate: Federal: State: City:	\$200,000,000
Map ID: Project Type: Operation Area Project Description:	70 Marine Rivergate Deepen the pinfrastructure	Time Frame portions of the We to -43' where a	e (Years): Villamette Rive ppropriate. minals to also	10 er with	years deep di	Total Cost: Year of Cost Estimate: Federal: State: City: SDC:	\$200,000,000
Map ID: Project Type: Operation Area Project Description:	70 Marine Rivergate Deepen the pinfrastructure	Time Frame portions of the We to -43' where a	e (Years): Villamette Rive ppropriate. minals to also	10 er with	years deep di	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed:	\$200,000,000
Map ID: Project Type: Operation Area Project Description:	70 Marine Rivergate Deepen the pinfrastructure	Time Frame portions of the We to -43' where a	e (Years): Villamette Rive ppropriate. minals to also	10 er with	years deep di	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	\$200,000,000
Map ID: Project Type: Operation Area Project Description: Purpose:	70 Marine Rivergate Deepen the pinfrastructure	Time Frame portions of the We to -43' where a	e (Years): Villamette Rive ppropriate. minals to also	10 er with	years deep di	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	\$200,000,000
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	70 Marine Rivergate Deepen the pinfrastructure	Time Frame portions of the We to -43' where a	e (Years): Villamette Rive ppropriate. minals to also	10 er with	years deep di	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	\$200,000,000
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	70 Marine Rivergate Deepen the pinfrastructure To allow Willia Columbia Riv	Time Frame portions of the We to -43' where an	e (Years): Villamette Rive ppropriate. minals to also alling depth.	10 er with	years deep di	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	\$200,000,000 \$200,000,000
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	70 Marine Rivergate Deepen the pinfrastructure To allow Willi Columbia Riv	portions of the We to -43' where an amette River terrover's new contro	e (Years): Villamette Rive ppropriate. minals to also alling depth.	10 er with	years deep di	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	

Project Name: <u>Dredged Material Management Plan</u>

Map ID:	71 Tim	ne Fra	me (Years):	10	years	Total Cost:
Project Type:	Marine					Year of Cost Estimate:
Operation Area	Rivergate					<u>Federal:</u>
Project Description:			ge recurring deponaterial from the n			State:
	channel.	ireage ii		aviga	LIOIT	City:
D						SDC:
Purpose:	Ensure there is so capacity for a mir		dredged material of 20 years.	dispo	osal	Port Share Committed:
JDE NUM:						Port Share
RTP Related:						Forecasted:
Recent Study:	2003 Feasibility F	Report				<u>Private:</u> <u>Other:</u>
•	ŕ					Unfunded:
Port Strategic Area:						
RTP 2040 Illustra			Conditioned Pro dentified in STIF	•		Estimate Rating:
Project Name:			Anchorage me (Years):		rover years	ments Total Cost:
Project Type:	Marine IIII	ic i iu	ine (rears).	J	years	Year of Cost
Operation Area	Rivergate					Estimate:
-	J		(<u>Federal:</u>
Project Description:	Columbia River.	and siz	e of anchorages u	ıp and	a aown	State:
						<u>City:</u>
Purpose:						
	Allow for addition	al vesse	el capacity in the ri	iver fo	or	SDC:
·	Allow for addition efficiency and sa		el capacity in the risons.	iver fo	or	SDC: Port Share Committed:
JDE NUM:				iver fo	or	Port Share Committed: Port Share
				iver fo	or	Port Share Committed: Port Share Forecasted:
JDE NUM:	efficiency and sa			iver fo	or	Port Share Committed: Port Share
JDE NUM: RTP Related: Recent Study:	efficiency and sa	fety reas	sons.	iver fo	or	Port Share Committed: Port Share Forecasted: Private:
JDE NUM: RTP Related:	efficiency and sa Feasibility Study Regional Leaders	fety reas	sons.		Or	Port Share Committed: Port Share Forecasted: Private: Other:

Project Name: T6 Suttle Road Entrance

Map ID:	73	Time Fram	e (Years):	20	years]	Total Cost:	\$3,000,000
Project Type:	Road					<u>Ye</u>	ar of Cost Estimate:	2008
Operation Area	Rivergate						<u>Federal:</u>	
Project Description:	Construct ac	cess road fron	n terminus of S	Suttle F	Road.		State:	
							City:	
_							SDC:	
Purpose:	To support d	evelopment of	feast end of To	6.		_	ort Share committed:	
JDE NUM:						<u>P</u>	ort Share	
RTP Related:	11207					<u>F</u>	orecasted:	
		marayamant (Ontions (2002)				<u>Private:</u>	
Recent Study:	Sulle Road I	mprovement C	Jplions (2008)				Other:	
Port Strategic Area:	Retain and G	Grow Key Servi	ces				<u>Unfunded:</u>	\$3,000,000
✓ RTP 2040 Illustra	itive	☐ Co	onditioned Pr	oject		<u>Estima</u>	ate Rating:	3c
✓ RTP 2040 Constr	ained	lde	entified in ST	IP				
Project Name:	T6 Dava	lonment F	Project					
rojoot riumor	10 Deve	<u>iopinent i</u>	10,000					
Map ID:		Time Fram		10	years]	Γotal Cost:	\$80,000,000
				10	years	_	ar of Cost	
Map ID:	74			10	years	_	ar of Cost Estimate:	\$80,000,000 2015
Map ID: Project Type: Operation Area	74 Marine Rivergate	Time Fram	e (Years):			_	ar of Cost Estimate: Federal:	
Map ID: Project Type:	74 Marine Rivergate This program Entrance Ove	Time Fram includes Add ercrossing, Tw	ne (Years): litional Scour F vo New PPMX	Protect Crane	ion, T6	<u>Ye</u>	ar of Cost Estimate: Federal: State:	
Map ID: Project Type: Operation Area	74 Marine Rivergate This program Entrance Ove Electrical Upon	Time Fram	litional Scour F vo New PPMX Gantry Cranes	Protect Crane	ion, T6	<u>Ye</u>	ar of Cost Estimate: Federal: State: City:	
Map ID: Project Type: Operation Area Project Description:	74 Marine Rivergate This program Entrance Ove Electrical Upg Arrival and 8	Time Fram includes Add ercrossing, Tw grades, Yard 0 500' Departure	litional Scour F vo New PPMX Gantry Cranes e Tracks. upgrade the te	Protect Crane and	ion, T6 is, Term 6,800'	Ye nninal	ar of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	74 Marine Rivergate This program Entrance Ove Electrical Upg Arrival and 8	Time Fram includes Add ercrossing, Tw grades, Yard 0,500' Departure	litional Scour F vo New PPMX Gantry Cranes e Tracks. upgrade the te	Protect Crane and	ion, T6 is, Term 6,800'	Yeaninal and	ar of Cost Estimate: Federal: State: City:	
Map ID: Project Type: Operation Area Project Description:	74 Marine Rivergate This program Entrance Ove Electrical Up Arrival and 8, This program the capacity	n includes Add ercrossing, Tw grades, Yard (,500' Departure n is needed to of the containe	litional Scour F vo New PPMX Gantry Cranes e Tracks. upgrade the te	Protect Crane and	ion, T6 is, Term 6,800'	Yeaninal and C	er of Cost Estimate: Federal: State: City: SDC: Cort Share committed:	
Map ID: Project Type: Operation Area Project Description: Purpose:	74 Marine Rivergate This program Entrance Ove Electrical Upp Arrival and 8, This program the capacity	Time Fram In includes Add ercrossing, Tw grades, Yard (500' Departure In is needed to of the containe	litional Scour F vo New PPMX Gantry Cranes e Tracks. upgrade the te	Protect Crane and	ion, T6 is, Term 6,800'	Yeaninal and C	Estimate: Federal: State: City: SDC: Cort Share committed: Cort Share corecasted:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	74 Marine Rivergate This program Entrance Ove Electrical Upp Arrival and 8, This program the capacity	Time Fram In includes Add ercrossing, Tw grades, Yard (500' Departure In is needed to of the containe	litional Scour F vo New PPMX Gantry Cranes e Tracks. upgrade the te	Protect Crane and	ion, T6 is, Term 6,800'	Yeaninal and C	er of Cost Estimate: Federal: State: City: SDC: Cort Share committed:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	74 Marine Rivergate This program Entrance Ove Electrical Up Arrival and 8, This program the capacity 102060, 1020 11357, 1120	n includes Add ercrossing, Two grades, Yard 6,500' Departure is needed to of the contained	litional Scour F vo New PPMX Gantry Cranes e Tracks. upgrade the te er terminal to 1	Protect Crane and	ion, T6 is, Term 6,800'	Yeaninal and PC	ar of Cost Estimate: Federal: State: City: SDC: Cort Share committed: Cort Share	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	74 Marine Rivergate This program Entrance Ove Electrical Upa Arrival and 8, This program the capacity 102060, 1020 11357, 1120	n includes Add ercrossing, Tw grades, Yard 6,500' Departure in is needed to of the contained	litional Scour F vo New PPMX Gantry Cranes e Tracks. upgrade the te er terminal to 1	Protect Crane and ermina Millio	ion, T6 is, Term 6,800'	Yeaninal and PC	ar of Cost Estimate: Federal: State: City: SDC: Port Share committed: Port Share cort Sh	2015

Project Name: <u>T4 B416 Lay Berth Improvements</u>

Map ID:	75	Time Frame	e (Years):	5 years	Total Cost:	\$1,000,000
Project Type:	Marine				Year of Cost Estimate:	2015
Operation Area	Rivergate				<u>Estimate.</u> <u>Federal:</u>	2010
Project Description:					State:	
	equipment uberth at B41	ıpgrades neces 6	sary to allow ve	essels to lay	<u>State:</u> <u>City:</u>	
					SDC:	
Purpose:	416. This wil	s needed to allo I help the Port re leader in transp	etain and grow	key services	Port Share Committed:	
JDE NUM:	100051				Port Share	
RTP Related:					Forecasted:	
Recent Study:					<u>Private:</u>	
necent Study.					Other:	
Port Strategic Area:	Retain and	Grow Key Servic	ces		<u>Unfunded:</u>	\$1,000,000
RTP 2040 Illustra	itive	☐ Co	nditioned Pro	ject	Estimate Rating:	
RTP 2040 Constr	ained	lde	ntified in STIF	•		
Project Name:	<u>Termina</u>	l 4 Automo	obile Yard	Expansi	<u>on</u>	
Map ID:	76	Time Frame	e (Years):	10 years	Total Cost:	\$3,000,000
Project Type:	Marine				Year of Cost Estimate:	
Operation Area	Rivergate				<u>Federal:</u>	
Project Description:					State:	
	parking for t	he storage of in	nported automo	obiles.	<u> </u>	
					Citv·	
Purpose:	The project				<u>City:</u> SDC:	
	storage cap	will provide add acity needs of T mport business	oyota, support		SDC: Port Share	
	storage cap automobile i	acity needs of T	oyota, support		SDC: Port Share Committed:	
JDE NUM:	storage cap automobile i	acity needs of T	oyota, support		SDC: Port Share	
RTP Related:	storage cap automobile i	acity needs of T	oyota, support		SDC: Port Share Committed: Port Share	
	storage cap automobile i	acity needs of T	oyota, support		SDC: Port Share Committed: Port Share Forecasted:	
RTP Related:	storage cap automobile i	acity needs of T mport business	oyota, supporti line.		SDC: Port Share Committed: Port Share Forecasted: Private:	\$3,000,000
RTP Related: Recent Study:	storage cap automobile i	acity needs of T mport business adership in Indu	oyota, supporti line.	ing the Port's	SDC: Port Share Committed: Port Share Forecasted: Private: Other:	\$3,000,000

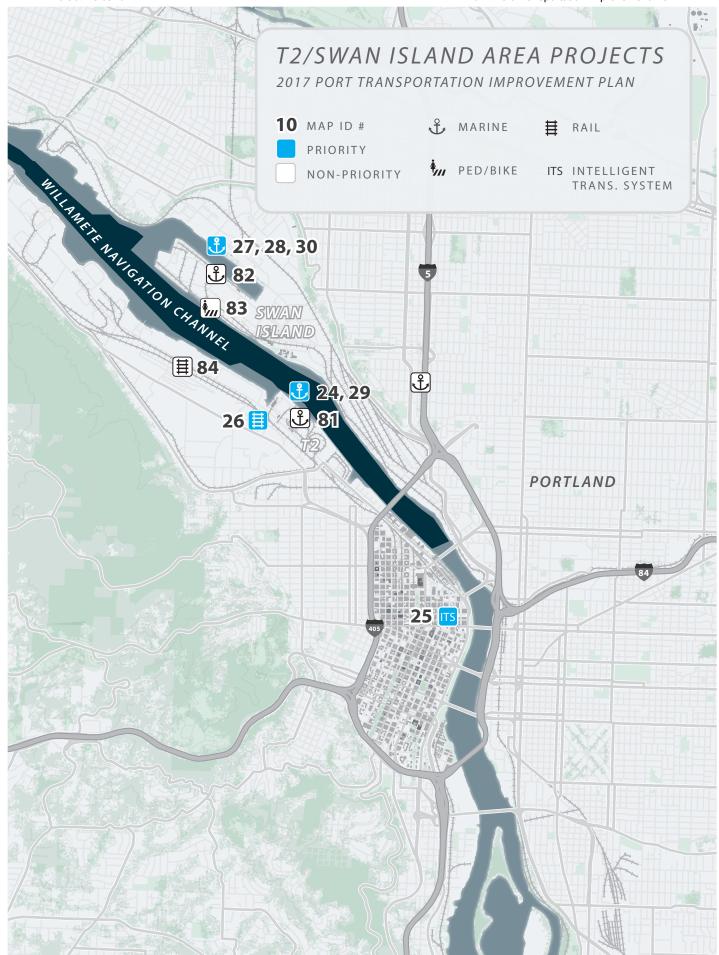
Project Name: BNSF Fallbridge Double Tracking

Map ID:	77	Γime Frame (\	/ears):	10	years	Total Cost:	\$72,000,000
Project Type:	Rail					Year of Cost Estimate:	
Operation Area	Rivergate					<u>Estimate.</u> <u>Federal:</u>	
Project Description:	Double-track	the Fallbridge line	to Washou	ıgal.		<u>r ederar:</u> State:	
						<u>City:</u>	
						SDC:	
Purpose:	Increases cap Port of Portlar	pacity of the BNSF and.	east-west	mainli	ine servi	Port Share Committed:	
IDE NUM						Port Share	
JDE NUM:						Forecasted:	
RTP Related:						<u>Private:</u>	
Recent Study:	Port Rail Plan					<u>Other:</u>	
Port Strategic Area:	Regional Lea	dership in Transpo	ortation			<u>Unfunded:</u>	\$72,000,000
RTP 2040 Illustra		☐ Condit	ioned Pro	ject		Estimate Rating:	
RTP 2040 Consti	ained	Identifi	ied in STIF	•			
Project Name:	Porth Do	oponing at T	Γ2 and [·]	T4			
roject Hame.	<u>beriii be</u>	eperiiriy at i	iz ana	<u></u>			
Map ID:		Fime Frame (years	Total Cost:	\$2,000,000
					years	Year of Cost	
Map ID:	78 1				years	Year of Cost Estimate:	\$2,000,000 2012
Map ID: Project Type:	78 Marine Rivergate	Γime Frame (\	/ears):	10		Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area	78 Marine Rivergate Deepen berth vessels to tra	Fime Frame (\) Is at Terminals 2 and the planned 43	/ears): nd 4 to allo 3 foot chan	10 ow dee	eper draf	Year of Cost Estimate: Federal: State:	
Map ID: Project Type: Operation Area	78 Marine Rivergate Deepen berth vessels to tra	Fime Frame (\ Is at Terminals 2 ar	/ears): nd 4 to allo 3 foot chan	10 ow dee	eper draf	Year of Cost Estimate: Federal: State: City:	
Map ID: Project Type: Operation Area Project Description:	78 Marine Rivergate Deepen berth vessels to tra Willamette Riv	Fime Frame (\) Is at Terminals 2 and the planned 43	(ears): nd 4 to alloos foot changening.	10 ow dee nel. Ti	eper draf ied to	Year of Cost Estimate: Federal: State: City: SDC: Port Share	
Map ID: Project Type: Operation Area Project Description:	78 Marine Rivergate Deepen berth vessels to tra Willamette Riv	Fime Frame (\) Is at Terminals 2 and Insit the planned 43 Iver Channel Deepe	(ears): nd 4 to alloos foot changening.	10 ow dee nel. Ti	eper draf ied to	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed:	
Map ID: Project Type: Operation Area Project Description:	78 Marine Rivergate Deepen berth vessels to tra Willamette Riv Allow better u	Fime Frame (\) Is at Terminals 2 and Insit the planned 43 Iver Channel Deepe	(ears): nd 4 to alloos foot changening.	10 ow dee nel. Ti	eper draf ied to	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose:	78 Marine Rivergate Deepen berth vessels to tra Willamette Riv Allow better u	Fime Frame (\) Is at Terminals 2 and Insit the planned 43 Iver Channel Deepe	(ears): nd 4 to alloos foot changening.	10 ow dee nel. Ti	eper draf ied to	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	78 Marine Rivergate Deepen berth vessels to tra Willamette Riv Allow better u	Fime Frame (\) Is at Terminals 2 and Insit the planned 43 Iver Channel Deepe	(ears): nd 4 to alloos foot changening.	10 ow dee nel. Ti	eper draf ied to	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	78 Marine Rivergate Deepen berth vessels to tra Willamette Riv Allow better u	Fime Frame (Your State Terminals 2 and Insit the planned 43 yer Channel Deepertilization of Panam	(ears): nd 4 to alloos foot changening.	10 ow dee nel. Ti	eper draf ied to	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	78 A Marine Rivergate Deepen berth vessels to tra Willamette Riv Allow better us 101999 Retain and G	row Key Services	(ears): nd 4 to alloos foot changening.	10 w dee nel. Ti	eper drafied to	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2012

Project Name: Bonneville Rail Yard Build Out

Map ID:	19 Time Fi	rame (Years):	10 years	<u>Total Cost:</u>	\$3,600,000
Project Type:	Rail			Year of Cost Estimate:	2013
Operation Area	Rivergate			Federal:	
Project Description:	Construct two interior y track lead from the wye	and tracks and com	plete the doul	ble <u>State:</u>	
	Barnes Yard.	e at the east end of t	irie yaru io	City:	
				SDC:	
Purpose:	Add rail staging capac	ity for South Riverga	ate.	Port Share	
				Committed:	
JDE NUM:				<u>Port Share</u> <u>Forecasted:</u>	
RTP Related:	11652			<u>Private:</u>	
Recent Study:	Port Rail Plan			Other:	
Port Strategic Area:	Regional Leadership in	n Transportation		<u>Unfunded:</u>	\$3,600,000
✓ RTP 2040 Illustra		Conditioned Pro	iect	Estimate Rating: 3c	
✓ RTP 2040 Consti	ained	Identified in STIF	•		
Project Name:	Ramsey Yard L	<u>Jtilization</u>			
Map ID:	80 Time Fi	rame (Years):	10 years	Total Cost:	\$1,700,000
Map ID: Project Type:	80 Time Fr	rame (Years):	10 years	Year of Cost	
•		rame (Years):	10 years	Year of Cost Estimate:	\$1,700,000 2013
Project Type:	Rail Rivergate			Year of Cost	
Project Type: Operation Area	Rail Rivergate			Year of Cost Estimate: Federal:	
Project Type: Operation Area Project Description:	Rail Rivergate Connect existing set or	ut track with industri	al lead.	Year of Cost Estimate: Federal: State: City: SDC:	
Project Type: Operation Area Project Description:	Rail Rivergate	ut track with industri	al lead.	Year of Cost Estimate: Federal: State: City: SDC:	
Project Type: Operation Area Project Description: Purpose:	Rail Rivergate Connect existing set or	ut track with industri	al lead.	Year of Cost Estimate: Federal: State: City: SDC: Port Share	
Project Type: Operation Area Project Description: Purpose: JDE NUM:	Rail Rivergate Connect existing set of	ut track with industri	al lead.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	
Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	Rail Rivergate Connect existing set of Improve unit train stage 11653	ut track with industri	al lead.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	
Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Rail Rivergate Connect existing set of Improve unit train stage 11653 Port Rail Plan	ut track with industri	al lead.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2013
Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	Rail Rivergate Connect existing set of Improve unit train stage 11653 Port Rail Plan	ut track with industri	al lead.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other: Unfunded:	
Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Rail Rivergate Connect existing set of Improve unit train stage 11653 Port Rail Plan Regional Leadership in Itive	ut track with industri	al lead. amsey Rail Ya	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2013

MAP: Data and Geographic Services

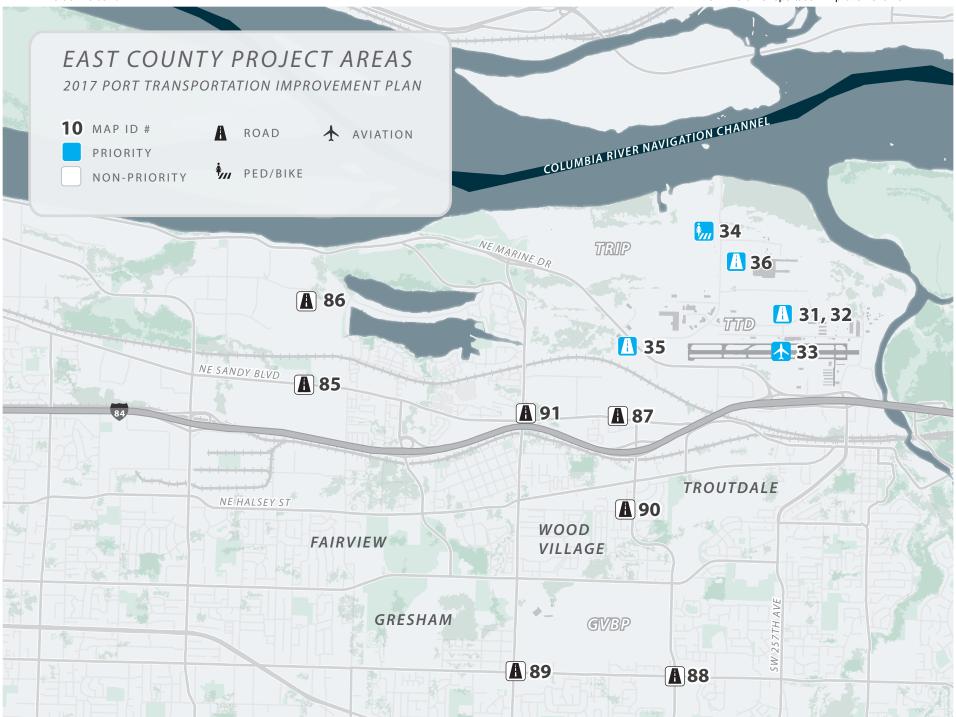


Project Name: T2 Berth 204 Lay Berth Improvements

	81 Time Frame (Years): 5 years	<u>Total Cost:</u>	\$1,000,000
Project Type:	Marine	Year of Cost Estimate:	2016
Operation Area	T2/Swan Island	<u>Federal:</u>	
Project Description:	This project will design, permit berth deepening and	State	
	electrical upgrades necessary to allow vessels to lay berth at Berth 204.		
		City:	
Purpose:	The project is needed to allow vessels to lay berth at Berth		
	204. This will help the Port retain and grow key services and to be a leader in transportation infrastructure.	Port Share Committed:	
JDE NUM:		Port Share	
RTP Related:		Forecasted:	
Recent Study:		Private:	
mooni olaay.		Other:	
Port Strategic Area:	Retain and Grow Key Services	<u>Unfunded:</u>	\$1,000,000
RTP 2040 Illustra	ative Conditioned Project <u>E</u>	stimate Rating:	
RTP 2040 Const	rained Identified in STIP		
Project Name:	Swan Island Berth 315 Lay Berth Impre	<u>ovements</u>	
Map ID:	82 Time Frame (Years): 5 years	Total Cost:	\$3,500,000
Map ID: Project Type:	82 Time Frame (Years): 5 years Marine	Year of Cost	\$3,500,000 2016
•	• • • • • • • • • • • • • • • • • • • •	Year of Cost Estimate:	
Project Type: Operation Area	Marine T2/Swan Island Design, permit berth deepening, electricla upgrades,	Year of Cost Estimate: Federal:	
Project Type: Operation Area	Marine T2/Swan Island	Year of Cost Estimate: Federal: State:	
Project Type: Operation Area	Marine T2/Swan Island Design, permit berth deepening, electricla upgrades,	Year of Cost Estimate: Federal: State: City:	
Project Type: Operation Area Project Description:	Marine T2/Swan Island Design, permit berth deepening, electricla upgrades,	Year of Cost Estimate: Federal: State: City: SDC:	
Project Type: Operation Area Project Description:	Marine T2/Swan Island Design, permit berth deepening, electricla upgrades, fendering, and vehcile access for Berth 315.	Year of Cost Estimate: Federal: State: City: SDC:	
Project Type: Operation Area Project Description:	Marine T2/Swan Island Design, permit berth deepening, electricla upgrades, fendering, and vehcile access for Berth 315. The project is needed to allow vessels to lay berth at B204 This will help the Port retain and grow key services and to be a leader in transportation infrastructure.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Project Type: Operation Area Project Description: Purpose:	Marine T2/Swan Island Design, permit berth deepening, electricla upgrades, fendering, and vehcile access for Berth 315. The project is needed to allow vessels to lay berth at B204 This will help the Port retain and grow key services and to be a leader in transportation infrastructure.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	
Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	Marine T2/Swan Island Design, permit berth deepening, electricla upgrades, fendering, and vehcile access for Berth 315. The project is needed to allow vessels to lay berth at B204 This will help the Port retain and grow key services and to be a leader in transportation infrastructure.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	
Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Marine T2/Swan Island Design, permit berth deepening, electricla upgrades, fendering, and vehcile access for Berth 315. The project is needed to allow vessels to lay berth at B204 This will help the Port retain and grow key services and to be a leader in transportation infrastructure.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	
Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Marine T2/Swan Island Design, permit berth deepening, electricla upgrades, fendering, and vehcile access for Berth 315. The project is needed to allow vessels to lay berth at B204 This will help the Port retain and grow key services and to be a leader in transportation infrastructure. Retain and Grow Key Services	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other: Unfunded:	
Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Marine T2/Swan Island Design, permit berth deepening, electricla upgrades, fendering, and vehcile access for Berth 315. The project is needed to allow vessels to lay berth at B204 This will help the Port retain and grow key services and to be a leader in transportation infrastructure. Retain and Grow Key Services	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2016

Project Name: North Willamette Greenway Trail

Map ID:	83 T	ime Frame (Years):	20 years	Total Cost:	\$500,000
Project Type:	Bike/Ped			Year of Cost	2007
Operation Area	T2/Swan Island	d		Estimate:	2007
Project Description:	Pedestrian and	d bicycle trail from Kelly Pc	oint Park to the	<u>Federal:</u>	
	Steel Bridge al	long the Willamette River. this project is for a study of	The money	State:	
			,	<u>City:</u>	
Purpose:	Portland. Coor	strian and bicycle connecti rdinate implementation witl		<u>SDC:</u> <u>Port Share</u>	
	Portland.			Committed:	
JDE NUM:				<u>Port Share</u> <u>Forecasted:</u>	
RTP Related:	10355			<u>r orecasted:</u> <u>Private:</u>	
Recent Study:				Other:	
Port Strategic Area:	Degional Load	Jarahia in Transportation		<u> </u>	\$500,000
RTP 2040 Illustra		Conditioned P	roject	Estimate Rating:	*,
✓ RTP 2040 Constr		Identified in ST	•	<u></u>	
Project Name:	Portland ⁻	Terminal Railroad	Power S	witches	
-	· ortiaira			<u></u>	
Map ID:		ime Frame (Years):		Total Cost:	\$10,805,000
				<u>Total Cost:</u> <u>Year of Cost</u>	\$10,805,000
Map ID:	84 T	ïme Frame (Years):		<u>Total Cost:</u> <u>Year of Cost</u> <u>Estimate:</u>	\$10,805,000
Map ID: Project Type: Operation Area	84 T Rail T2/Swan Island	ime Frame (Years): d	5 years	Total Cost: Year of Cost Estimate: Federal:	\$10,805,000
Map ID: Project Type:	84 T Rail T2/Swan Island	Time Frame (Years): d her Controlled Power Switc	5 years	Total Cost: Year of Cost Estimate: Federal: State:	\$10,805,000
Map ID: Project Type: Operation Area	84 T Rail T2/Swan Island Install Dispatch	Time Frame (Years): d her Controlled Power Switc	5 years	Total Cost: Year of Cost Estimate: Federal: State: City:	\$10,805,000
Map ID: Project Type: Operation Area Project Description:	84 T Rail T2/Swan Island Install Dispatch Lake Yard and	Time Frame (Years): d her Controlled Power Switch Terminal 2.	5 years ches between el from Lake Ya	Total Cost: Year of Cost Estimate: Federal: State: City: SDC:	\$10,805,000
Map ID: Project Type: Operation Area Project Description:	84 T Rail T2/Swan Island Install Dispatch Lake Yard and	Time Frame (Years): d her Controlled Power Switch Terminal 2.	5 years ches between el from Lake Ya	Total Cost: Year of Cost Estimate: Federal: State: City: SDC:	\$10,805,000
Map ID: Project Type: Operation Area Project Description:	84 T Rail T2/Swan Island Install Dispatch Lake Yard and	Time Frame (Years): d her Controlled Power Switch Terminal 2.	5 years ches between el from Lake Ya	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	\$10,805,000
Map ID: Project Type: Operation Area Project Description: Purpose:	84 T Rail T2/Swan Island Install Dispatch Lake Yard and	Time Frame (Years): d her Controlled Power Switch Terminal 2.	5 years ches between el from Lake Ya	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	\$10,805,000
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	Rail T2/Swan Island Install Dispatch Lake Yard and Will reduce tim to Terminal 2, 1	Time Frame (Years): d her Controlled Power Switch Terminal 2.	5 years ches between el from Lake Ya	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	\$10,805,000
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	84 T Rail T2/Swan Island Install Dispatch Lake Yard and Will reduce tim to Terminal 2, 1	Time Frame (Years): d her Controlled Power Switch Terminal 2. he it takes for trains to trave reducing blockage of main	5 years ches between el from Lake Ya	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	Rail T2/Swan Island Install Dispatch Lake Yard and Will reduce tim to Terminal 2, 1	Time Frame (Years): d her Controlled Power Switch Terminal 2. he it takes for trains to trave reducing blockage of main	5 years thes between of from Lake Ya	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	\$10,805,000



Project Name: Sandy Blvd. Widening to 4 lanes

Map ID:	Time Frame (Years): 10 years	Total Cost:	\$10,000,000
Project Type:	Road	Year of Cost Estimate:	
Operation Area	East County	<u>Federal:</u>	
Project Description:	Sandy Blvd. widen to 4 lanes and center turn lane (181st-202nd) with sidewalks and bike lanes.	State:	
		<u>City:</u>	
Purpose:	Improve east west capacity and serve developing	SDC:	
	industrial property.	Port Share Committed:	
JDE NUM:		Port Share	
RTP Related:	10443	<u>Forecasted:</u> <u>Private:</u>	
Recent Study:		Other:	
Dawl Chrotonia Area		Unfunded:	\$10,000,000
✓ RTP 2040 Illustra	Regional Leadership in Transportation Ative Conditioned Project E	stimate Rating:	Ψ10,000,000
▼ RTP 2040 Illustra	_	.sumate nating.	
Project Name:	Riverside Drive Extension		
Map ID:	Time Frame (Years): 5 years	Total Cost:	\$10,975,110
Project Type:	Road	Year of Cost Estimate:	
Operation Area	East County	<u>Federal:</u>	
Project Description:	Riverside Dr. Extension (Riverside Parkway to Portal Way).		
		<u>City:</u>	
Purpose:	Serve developing industrial parcels.	SDC:	
·		Port Share Committed:	
JDE NUM:		Port Share	
RTP Related:	10515	<u>Forecasted:</u> <u>Private:</u>	
Recent Study:		Other:	
Port Strategic Area	Regional Leadership in Transportation	<u>Unfunded:</u>	\$10,975,110
RTP 2040 Illustra		stimate Rating:	. , ,
✓ RTP 2040 Const	_		

Project Name: Sandy Blvd. Widening to 3 lanes

Map ID:	87 Time	e Frame (Years):	10 years	Total Cost:	\$7,438,000
Project Type:	Road			Year of Cost	
Operation Area	East County			Estimate:	
Project Description:	Sandy Blvd. wider	n to 3 lanes (207th to 23	8th), add	<u>Federal:</u> <u>State:</u>	
	sidewalks and bike	e lanes.			
				City:	
Purpose:		t capacity and serve adj	acent	SDC:	
	developing industr	пагргорепу.		Port Share Committed:	
JDE NUM:				<u>Port Share</u> <u>Forecasted:</u>	
RTP Related:	10399			<u>Private:</u>	
Recent Study:				Other:	
Port Strategic Area:	Regional Leaders	hip in Transportation		<u>Unfunded:</u>	\$7,438,000
✓ RTP 2040 Illustra	9	☐ Conditioned Pro	oject	Estimate Rating:	
▼ RTP 2040 Constr	ained	☐ Identified in STI	P		
Project Name:	NE Hogan a	at NE Stark Stre	<u>et</u>		
Map ID:	88 Time	e Frame (Years):			
		o : : uo (: ou. o).	5 years	Total Cost:	\$1,908,431
Project Type:	Road	o i i amo (i oano).	5 years	Year of Cost	
Project Type: Operation Area	Road	o , , a (, ca. c).	5 years	Year of Cost Estimate:	\$1,908,431 2007
	Road East County	, ,	·	Year of Cost Estimate: Federal:	
Operation Area	Road East County Add right turn lane	, ,	d second	Year of Cost Estimate: Federal: State:	
Operation Area	Road East County Add right turn lane	es on all approaches an	d second	Year of Cost Estimate: Federal: State: City:	
Operation Area Project Description:	Road East County Add right turn lane northbound and se	es on all approaches and outhbound left turn lane ion capacity affecting ac	d second s.	Year of Cost Estimate: Federal: State: City: SDC:	
Operation Area Project Description:	Road East County Add right turn lane northbound and se	es on all approaches and outhbound left turn lane ion capacity affecting ac	d second s.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed:	
Operation Area Project Description:	Road East County Add right turn lane northbound and se	es on all approaches and outhbound left turn lane ion capacity affecting ac	d second s.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Operation Area Project Description: Purpose:	Road East County Add right turn lane northbound and so Address intersection Gresham Vista Bu	es on all approaches and outhbound left turn lane ion capacity affecting ac	d second s.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed:	
Operation Area Project Description: Purpose: JDE NUM:	Road East County Add right turn lane northbound and so Address intersection Gresham Vista Bu 10511	es on all approaches an outhbound left turn lane ion capacity affecting ac isiness Park.	d second s.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	
Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Road East County Add right turn lane northbound and so Address intersection Gresham Vista Bu 10511 East Metro Conne	es on all approaches and outhbound left turn lane ion capacity affecting actions Plan	d second s.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	
Operation Area Project Description: Purpose: JDE NUM: RTP Related:	Road East County Add right turn lane northbound and so a	es on all approaches and outhbound left turn lane ion capacity affecting actions Plan	d second s. ccess to	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2007

Project Name: NE 223rd at Stark

Map ID:	89 Time	e Frame	(Years):	5 years	<u>Total Cost:</u>	\$1,196,756
Project Type:	Road				Year of Cost Estimate:	2007
Operation Area	East County				<u>Federal:</u>	
Project Description:	Add eastbound ar	d northbo	und right turn	lanes and	<u>r ederdi:</u> State:	
	southbound left tu	rn lanes.				
					<u>City:</u> SDC:	
Purpose:	Address intersection			cess to		
	Glesilatii vista bu	siiless Fai	ĸ.		Port Share Committed:	
JDE NUM:					<u>Port Share</u> <u>Forecasted:</u>	
RTP Related:	10473				<u>Porecasted.</u> <u>Private:</u>	
Recent Study:	East Metro Conne	ctions Plar	1		Other:	
Dort Stratagia Arası	I Des'essil sedeni				<u>Unfunded:</u>	\$1,196,756
Port Strategic Area:				inat	Estimate Rating:	ψ1,100,100
✓ RTP 2040 Illustra ✓ RTP 2040 Const			ditioned Pro ntified in STII	•	<u>L3timate Hating.</u>	
Map ID:	90 Time	Frame	(Years):	5 years	Total Cost:	\$9,769,340
	00					
Project Type:	Road		,	,	Year of Cost	
Operation Area	East County				Estimate:	2012
•			Contrada University	alle de la company	<u>Federal:</u>	\$9,769,340
Project Description:	curvature. Also ad	ments for ds improve	freight by mode ements for bik	es and	State:	
	pedestrians.				<u>City:</u>	
Purpose:	Will improve freigh	t access to	o Gresham Vis	sta Business	SDC:	
·	Park.				Port Share Committed:	
JDE NUM:					Port Share Forecasted:	
RTP Related:					<u>r orecasted:</u> <u>Private:</u>	
Recent Study:	East Metro Conne	ctions Plar	1		Other:	
Port Strategic Area:	Regional Leadord	nin in Trans	enortation		<u>Unfunded:</u>	
RTP 2040 Illustra	-	_	sportation iditioned Pro	iect	Estimate Rating:	
RTP 2040 Consti			ntified in STII	•		
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Project Name: 223rd Avenue Widening

Map ID: 9 Ⅰ	Time Frame (Years): 5 years	s <u>Total Cost:</u>	\$3,667,000
Project Type: Road		Year of Cost Estimate:	
Operation Area East Cour	nty	<u>Federal:</u>	
Project Description: Widen to t	three lanes between Halsey St and Marine I		
		<u>City:</u>	
Purpose: Ungrade t	the facility to major collector urban street	SDC:	
standards	,	Port Share Committed:	
JDE NUM:		Port Share Forecasted:	
RTP Related: 10388, 10	389	<u>Private:</u>	
Recent Study:		Other:	
Port Strategic Area: Regional	Leadership in Transportation	<u>Unfunded:</u>	\$3,667,000
✓ RTP 2040 Illustrative	☐ Conditioned Project	Estimate Rating:	
✓ RTP 2040 Constrained	Identified in STIP		