2016 PORT TRANSPORTATION IMPROVEMENT PLAN

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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 #
PDX Northside Redevelopment	\$5,800,000	3
PIC Ped/Bike Network	\$1,163,835	4
Cornfoot Road Multimodal Safety Improvements	\$3,626,000	6
T6 Crane Drives for Cranes 6380 and 6381	\$2,000,000	12
Auto Import/Export Expansion	\$6,700,000	17
Rivergate Boulevard Overcrossing	\$18,000,000	25
Dredge Oregon Pipe, Scows, and Pontoons	\$10,200,000	29
New Dredge Tender	\$7,600,000	30

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 #
Alderwood Intersection @ Columbia Blvd.	\$5,527,534	1
Cully Intersection @ Columbia Blvd.	\$6,575,000	2
82 nd Avenue/Airport Way Grade Separation	\$50,000,000	5
Time Oil Road Reconstruction	\$9,000,000	24
Swigert Way Extension	\$2,500,000	33
Graham Road	\$10,000,000	34
40 Mile Loop Trail: Blue Lake Park to Sundial Rd.	\$3,424,073	37
Sundial Road Improvements	\$3,200,000	38
Intelligent Transportation System (ITS) Improvements	\$680,000	15, 19, 27

Notes:

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#
Terminal 6 Container Crane Modernization	\$3,634,260	10
Terminal 6 Crane Drive Electronics	\$2,000,000	11
Terminal 6 Stormwater Improvements	\$5,000,000	16
Terminal 4 Pier 1 Site Preparation	\$34,000,000	18
Terminal 6 Wharf Optimization	\$1,500,000	22
Columbia River Jetty Refurbishment	\$75,000,000	23

Notes:

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

^{1.} Projects are not listed in order of priority and generally do not include aviation or non-rail marine terminal capital projects.

^{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	\$1,433,100	7
HIO Construct East Access Road	\$1,886,560	8
HIO Relocate Taxiway AA	\$4,700,000	9
TTD Reconstruct Runway 7-25	\$12,534,000	35
TTD Rehabilitate Taxiway A	\$5,000,000	36

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

Level C

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.

	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.
Level B	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%. 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%.

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.

and 50%.

No engineering has been performed. Limited technical information is available and/or limited analysis has been performed. Contingency generally ranges between 40%

PTIP MASTER PROJECT LIST

Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
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	\$5,527,534	✓	PDX/PIC
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
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
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
82nd Ave./Airport Way Grade Separation	Construct grade-separated overcrossing.	Provide efficient movement of traffic to PDX properties.	10	\$75,000,000	✓	PDX/PIC
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	\$3,626,000	•	PDX/PIC
	Alderwood and Columbia Blvd. Intersection Cully Blvd. and Columbia Blvd. Intersection PDX Northside Redevelopment PIC Ped/Bike Network 82nd Ave./Airport Way Grade Separation Cornfoot Road Multimodal Safety	Alderwood and Columbia Blvd. Intersection Columbia Boulevard at Alderwood Rd. Cully Blvd. and Columbia Blvd. Intersection Widen and signalize intersection on Columbia Boulevard at Cully Blvd. PDX Northside Redevelop the landside and airside properties north of Airport Way for commercial aviation, business aviation and PDX ancillary and support services. PIC Ped/Bike Network Construct bike and pedestrian facilities as shown in the CS/PIC Plan District. 82nd Ave./Airport Way Grade Separation Cornfoot Road Multimodal Safety Provide a separated multi-use path on the north side of NE Cornfoot Road.	Alderwood and Columbia Blvd. Intersection Columbia Boulevard at Alderwood Rd. Widen and signalize intersection on Columbia Boulevard at Alderwood Rd. 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Provide transportation link to the cargo area located within the south airport area and to support Columbia Corridor freight movement. 5 \$5,527,534 ✓ Cully Blvd. and Columbia Blvd. Intersection Widen and signalize intersection on Columbia Corridor freight movement. 5 \$6,575,000 ✓ PDX Northside 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 ✓ 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 ✓ 82nd Ave./Airport Way Grade Separation Construct grade-separated overcrossing. Grade Separation Provide efficient movement of traffic to PDX properties. 10 \$75,000,000 ✓ Cornfoot Road Multimodal Safety Improvements Increase safety and provide improved bicycle and pedestrian access along NE 5 \$3,626,000 ✓

Map ID	Project Name	Project Description	Purpose	Time Frame (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 Construct East Access Road	Construct a new public access point and tenant utilities on the east side of runway 12L/30R at HIO.	Future tenant development will require landside infrastructure to support its operation.	5	\$1,886,560	✓	Hillsboro
9	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
10	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
11	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
12	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
13	Barnes to Terminal 4 Rail	Provide a new track from Barnes Yard to Terminal 4.	Improve rail access to Terminal 4.	5	\$4,543,000	•	Rivergate

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
14	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
15	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
16	Terminal 6 Stormwater System	Design and construct a stormwater system.	The project will modernize the storm drainage system in the container yard.	5	\$5,000,000	•	Rivergate
17	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	\$6,700,000	•	Rivergate
18	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	\$34,000,000		Rivergate

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
19	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
20	T5 Berth 503 Terminal Expansion	Construct a rail dumper pit, storage building, shiploader and berth improvements at Terminal 5 potash export facility.	The project will increase the throughput capacity of the facility.	5	\$150,000,000	✓	Rivergate
21	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	\$2,000,000	•	Rivergate
22	Terminal 6 Wharf Optimization	Crane management system upgrades for Crane 6375. Crane travel improvements for Cranes 6380 and 6381.	Improve operational efficiencies for the container cranes.	5	\$1,500,000	•	Rivergate
23	Columbia River Mouth Jetty Refurbishment	Refurbish and repair the north and south jetties at the mouth of the Columbia River.	This is a critical repair of the jetties at the Columbia River Bar.	5	\$75,000,000	✓	Rivergate
24	Time Oil Road Reconstruction	Reconstruct Time Oil Road.	Provide improved access to South Rivergate industrial area.	10	\$9,000,000	✓	Rivergate
25	Rivergate Boulevard Overcrossing	Grade separate the South Rivergate Lead at Rivergate Blvd.	Improve rail and vehicle traffic flow in Rivergate Industrial District.	5	\$18,000,000	•	Rivergate

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
26	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
27	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
28	Terminal 2 Rail Improvement	Add approximately 600 feet to the inner track (Track 10) and connect it with the outer loop (Track 15). A third track may also be constructed and a rail scaling station added in addition to stormwater improvements to the dock.	Increase rail capacity and operating efficiencies at Terminal 2.	5	\$2,250,000	•	T2/Swan Island
29	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
30	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
31	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

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
32	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
33	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
34	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
35	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
36	TTD Rehabilitate Taxiway A	Rehabilitation of full-length parallel taxiway A including lighting and markings.	Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life.	5	\$10,100,000	•	East County
37	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
38	Sundial Road Improvements	Widen Sundial Road north of Swigert Way.	Accommodate Troutdale Reynolds Industrial Park and other traffic.	5	\$3,200,000	•	East County

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
39	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
40	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
41	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
42	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
43	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
44	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 administration through a transportation management association.	Fulfill TDM requirements of PDX Master Plan. Implement TDM projects and programs recommended in the PDX Alternative Modes Study.	5			PDX/PIC
45	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.	20	\$6,700,000		PDX/PIC

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
46	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
47	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
48	Alternative Fuels Station	Construct a PDX alternative fuels station.	Provide refueling capabilities for CNG vehicles. Encourage airport businesses to convert fleets to CNG to improve air quality.	5	\$1,000,000		PDX/PIC
49	SW Quad Drainage Improvements	Drainage improvements in SW Quad through modifications to the existing drainage channels and increasing the capacity of the Broadmoor Pump Station.	Provide additional capacity for anticipated growth in airport traffic.	5	\$1,250,000		PDX/PIC
50	Widen APW Outbound East of 82nd	Add New Lane.	Provide additional capacity for anticipated growth in passenger traffic.	10	\$3,335,000		PDX/PIC
51	Deplaning Curbside Roadway Lanes	Add New Lane.	Provide additional capacity for anticipated growth in passenger traffic.	10	\$2,976,000		PDX/PIC
52	Deplaning Curbside Roadway Loading	Add New Lane.	Provide additional capacity for anticipated growth in passenger traffic.	10	\$324,000		PDX/PIC

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
53	Airport Way Westbound Approaching Return Road	Add New Lane.	Provide additional capacity for anticipated growth in passenger traffic.	10	\$1,080,000		PDX/PIC
54	Terminal Exit Roadway at P. O. Curves	Add New Lane.	Provide additional capacity for anticipated growth in passenger traffic.	10	\$1,500,000		PDX/PIC
55	Terminal Exit Roadway at Parking Plaza	Add New Lane.	Provide additional capacity for anticipated growth in passenger traffic.	10	\$1,104,000		PDX/PIC
56	Mitigation Land Bank	Plan for, purchase, and develop a site for use as a mitigation bank.	Provide a site for environmental mitigation for Port transportation and other development projects.	5			PDX/PIC
57	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
58	Alderwood Street Bikeway	Provide bike lanes 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
59	Brookwood Parkway/Hwy 26 Interchange Improvements	Construct a new westbound to southbound loop ramp at the interchange to serve Brookwood Parkway. Realign and relocate nearby local roads.	Improve access to HIO and area industry.	5	\$45,000,000		Hillsboro

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
60	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
61	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.	5	\$1,050,000		Hillsboro
62	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
63	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
64	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
65	N. Hayden Island Drive	Reconstruct N. Hayden Island Drive.	Provide improved access to West Hayden Island.	10	\$12,000,000		Rivergate
66	West Hayden Island Rail Access	Rail access from the mainline to support West Hayden Island development.	Advance rail-dependent development.	10	\$3,000,000		Rivergate
67	West Hayden Island Rail Yard	Construct rail yard connected to facility trackage.	Advance rail development on West Hayden Island.	10	\$9,500,000		Rivergate

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
68	West Hayden Island Interior Access Road	Construct interior roadway including rail overpass and berth access.	Provide roadway for new West Hayden Island terminal.	10	\$13,600,000		Rivergate
69	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
70	Lombard Bridge Replacement	Replace the bridge over the St. Johns Lead.	Replace with a modern bridge that will also allow for an additional rail lead to Terminal 4.	5	\$6,000,000		Rivergate
71	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
72	North Burgard/Lombard Street Improvements	Widen Burgard to 3 Lanes with bike lanes and sidewalks from UPRR bridge to Columbia.	Improve freight mobility, safety and industrial site access.	5	\$14,588,000		Rivergate
73	Marine Dr. Improvement Phase 2	Construct rail overcrossing on Marine Dr.	Avoid road/rail conflict.	20	\$13,644,200		Rivergate
74	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

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
75	Terminal 6 Honda Rail Extension	Extend current rail yard in order to provide more capacity for current tenants.	Capacity improvements for current tenants.	10	\$1,000,000		Rivergate
76	Columbia River Anchorage Improvements	Placement of up to seven stern buoys at different anchorages up and down the Columbia River.	Allow for the anchorage of ships in the river rather than at terminals that could otherwise be loading/unloading cargo.	5	\$2,342,000		Rivergate
77	Terminal 6 Internal Overcrossing	Construct a rail overcrossing at Terminal 6.	Increase efficient movement for rail and Terminal 6 tenants.	5	\$3,649,084		Rivergate
78	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
79	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
80	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 B416. This will help the Port retain and grow key services and to be a leader in transportation infrastructure.	5	\$1,000,000		Rivergate
81	T4 Stormwater Improvements	Install stormwater improvements.	Implement capital projects identified during stormwater master planning process.	5	\$4,100,000		Rivergate

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
82	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
83	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
84	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.	5	\$6,000,000		Rivergate
85	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.	Allow better utilization of Panamax-class bulk vessels.	10	\$2,000,000		Rivergate
86	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
87	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
88	Columbia River Underkeel Clearance Study	Underkeel clearance study for ships moving between the Columbia Bar and Portland, including Loadmax gauge augmentation project.	Understand vessel underclearance in Columbia River to optimize safety and payload.	10	\$1,319,000		Rivergate

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
89	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
90	Graham Line Connection	This project will create a new track connection between the Graham Line, which runs parallel with I-84 through Sullivan's Gulch and the Brooklyn Sub, UP's north-south line through Portland.	This connection will allow UP rail traffic entering Portland from the east to turn south onto the Brooklyn Sub from the Graham Line. This project will eliminate delay and increase system capacity.	5	\$15,000,000		T2/Swan Island
91	Terminal 2 Stormwater Improvements	Stormwater improvements.	Enhance marketability, service and environmental performance for cargo opportunities at T-2.	5	\$1,500,000		T2/Swan Island
92	T2 Storage Building Improvements	This project upgrades the existing warehouse buildings.	This project is needed to upgrade the existing terminal.	5	\$1,000,000		T2/Swan Island
93	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
94	T2 Track Reconfiguration and Siding	Construct rail loop and support siding.	Increase rail capacity at Terminal 2.	10	\$8,900,000		T2/Swan Island
95	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

				Time Frame			
Map ID	Project Name	Project Description	Purpose	(Years)	Total Cost	Priority	Area Map
96	Riverside Drive Extension	Riverside Dr. Extension (Riverside Parkway to Portal Way).	Serve developing industrial parcels.	5	\$10,975,110		East County
97	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
98	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
99	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
100	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
101	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 T i	ime Frame (Years):	5 years	Total Cost:	\$5,527,534
Project Type:	Road			Year of Cost	2013
Operation Area	PDX/PIC			Estimate:	
Project Description:	Widen and sign	nalize intersection on Colu	mbia Boulevard a	<u>Federal:</u>	\$4,959,856
	Alderwood Rd.			<u>State:</u>	
				<u>City:</u>	
Purpose:		ortation link to the cargo are			
	freight moveme	ort area and to support Colu ent.	imbia Corridor	Port Share Committed:	\$567,678
JDE NUM:	810020			<u>Port Share</u> <u>Forecasted:</u>	
RTP Related:	10336			<u>Private:</u>	
Recent Study:	Airport Futures	Transportation Impact Stu	dy (2010)	Other:	
Port Strategic Area:	Retain and Gro	ow Key Services		<u>Unfunded:</u>	
RTP 2040 Illustra		Conditioned Project		Estimate Rating: 2b	
RTP 2040 Constr	_	Identified in STIP		<u>=====================================</u>	
Project Name:	Cully Blvd	I. and Columbia E	slvd. Interse	<u>ection</u>	
Project Name:		I. and Columbia E	Slvd. Interse	Total Cost:	\$6,575,000
				<u>Total Cost:</u> <u>Year of Cost</u>	\$6,575,000 2013
Map ID:	2 T i			Total Cost: Year of Cost Estimate:	
Map ID: Project Type:	2 Ti Road PDX/PIC Widen and sign	ime Frame (Years):	5 years	Total Cost: Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area	2 Ti Road PDX/PIC	ime Frame (Years):	5 years	Total Cost: Year of Cost Estimate: Federal: State:	
Map ID: Project Type: Operation Area Project Description:	2 Ti Road PDX/PIC Widen and sign Cully Blvd.	ime Frame (Years):	5 years mbia Boulevard a	Total Cost: Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	2 Ti Road PDX/PIC Widen and sign Cully Blvd.	ime Frame (Years):	5 years mbia Boulevard a	Total Cost: Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	2 Ti Road PDX/PIC Widen and sign Cully Blvd.	ime Frame (Years): nalize intersection on Columnation link to the cargo and area and to support Columnation link support Columnation link support Columnation link suppor	5 years mbia Boulevard a	Total Cost: Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	2 Ti Road PDX/PIC Widen and sigr Cully Blvd. Provide transporthe south airport	ime Frame (Years): nalize intersection on Columnation link to the cargo and area and to support Columnation link support Columnation link support Columnation link suppor	5 years mbia Boulevard a	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose:	2 Ti Road PDX/PIC Widen and sign Cully Blvd. Provide transporthe south airportreight movement	ime Frame (Years): nalize intersection on Columnation link to the cargo and area and to support Columnation link support Columnation link support Columnation link suppor	5 years mbia Boulevard a	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 PDX/PIC Widen and sign Cully Blvd. Provide transporthe south airportreight movement	ime Frame (Years): nalize intersection on Columnation link to the cargo and area and to support Columnation link support Columnation link support Columnation link suppor	5 years mbia Boulevard a ea located within mbia Corridor	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:	Road PDX/PIC Widen and sign Cully Blvd. Provide transporthe south airport freight movements 10336 Airport Futures	ime Frame (Years): nalize intersection on Columnation link to the cargo are area and to support Columnt. Transportation Impact Stu	5 years mbia Boulevard a ea located within mbia Corridor	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2013
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	Road PDX/PIC Widen and sign Cully Blvd. Provide transporthe south airport freight movement airport Futures Retain and Gro	ime Frame (Years): nalize intersection on Columnation link to the cargo are area and to support Columnt. Transportation Impact Stu	5 years mbia Boulevard a ea located within mbia Corridor	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	

Project Name:	PDX Northside Redevelopment	
Map ID:	3 Time Frame (Years): 5 years	<u>Total Cost:</u> \$5,800,000
Project Type:	Aviation	Year of Cost Estimate: 2013
Operation Area	PDX/PIC	Federal:
Project Description:	Redevelop the landside and airside properties north o	of States
	Airport Way for commercial aviation, business aviation PDX ancillary and support services.	City:
_		SDC:
Purpose:	Align these properties with current market conditions.	Port Share Committed:
JDE NUM:	101460	Port Share Forecasted:
RTP Related:	11650	<u>Private:</u>
Recent Study:	Airport Futures	Other:
Port Strategic Area:	Retain and Grow Key Services	<u>Unfunded:</u> \$5,800,000
RTP 2040 Illustra	ained Identified in STIP	Estimate Rating:
	PIC Ped/Bike Network	
Map ID:	` , ,	
Project Type:	Bike/Ped	Year of Cost Estimate: 2007
Operation Area	PDX/PIC	<u>Federal:</u>
Project Description:	Construct bike and pedestrian facilities as shown in th CS/PIC Plan District.	e <u>State:</u>
		<u>City:</u>
Purnosa:	Improve bike/ped circulation in PIC.	SDC:
ruipose.	ітргоче віке/реа сігсиаціон ін РіС.	Port Share Committed:
JDE NUM:		Port Share
RTP Related:	10368	<u>Forecasted:</u> <u>Private:</u>
Recent Study:	2014 Airport Bike and Pedestrian Master Plan	Other:
		<u>Unfunded:</u> \$1,163,833
	Regional Leadership in Industrial Land	Estimate Rating: 3c

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 gra	ade-separated overcrossing.		·	
				State:	
				<u>City:</u>	
Purpose:	Provide efficie	ent movement of traffic to PD	X properties.	SDC:	
·				Port Share Committed:	
JDE NUM:	101474			Port Share	
RTP Related:				Forecasted:	\$50,000,000
				<u>Private:</u>	
Recent Study:	Airport Future	es Transportation Impact Stud	dy (2010)	Other:	
Port Strategic Area:	Retain and G	irow Key Services		<u>Unfunded:</u>	\$25,000,000
RTP 2040 Illustra		Conditioned Project		Estimate Rating: 30	
RTP 2040 Constr	ained	Identified in STIP		_	
Project Name: Cornfoot Road Multimodal Safety Improvements					
Project Name:	Cornfoot	Road Multimodal	Safety Impi	rovements	
Project Name:	_	Road Multimodal	Safety Impi	rovements Total Cost:	\$3,626,000
	_			Total Cost: Year of Cost	
Map ID: Project Type:	6 Bike/Ped			Total Cost:	\$3,626,000 2013
Map ID: Project Type: Operation Area	6 Bike/Ped PDX/PIC	Time Frame (Years):	5 years	Total Cost: Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area	6 Bike/Ped PDX/PIC	Time Frame (Years): Darated multi-use path on the	5 years	Total Cost: Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area	6 Bike/Ped PDX/PIC Provide a seg	Time Frame (Years): Darated multi-use path on the	5 years	Total Cost: Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area Project Description:	6 Bike/Ped PDX/PIC Provide a seg Cornfoot Roa	Time Frame (Years): parated multi-use path on the	5 years	Total Cost: Year of Cost Estimate: Federal: State:	
Map ID: Project Type: Operation Area Project Description:	6 Bike/Ped PDX/PIC Provide a ser Cornfoot Roa	Time Frame (Years): Darated multi-use path on the	5 years north side of NE	Total Cost: Year of Cost Estimate: Federal: State: City:	
Map ID: Project Type: Operation Area Project Description: Purpose:	6 Bike/Ped PDX/PIC Provide a ser Cornfoot Roa	Time Frame (Years): parated multi-use path on the ad. ety and provide improved bicy	5 years north side of NE	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	6 Bike/Ped PDX/PIC Provide a ser Cornfoot Roa	Time Frame (Years): parated multi-use path on the ad. ety and provide improved bicy	5 years north side of NE	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	6 Bike/Ped PDX/PIC Provide a ser Cornfoot Roa	Time Frame (Years): parated multi-use path on the ad. ety and provide improved bicy	5 years north side of NE	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:	6 Bike/Ped PDX/PIC Provide a ser Cornfoot Roa	Time Frame (Years): parated multi-use path on the ad. ety and provide improved bicy	5 years north side of NE	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:	6 Bike/Ped PDX/PIC Provide a sep Cornfoot Roa Increase safe pedestrian ac	Time Frame (Years): parated multi-use path on the ad. ety and provide improved bicy access along NE Cornfoot Roa	5 years north side of NE	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:	6 Bike/Ped PDX/PIC Provide a ser Cornfoot Roa Increase safe pedestrian act	Time Frame (Years): parated multi-use path on the ad. ety and provide improved bicy access along NE Cornfoot Roa	5 years e north side of NE ycle and id.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2013

Project Name: HIO Relocate Charlie Pattern Landing Site

мар ір:	1	Time Frame (Years):	5 years	<u> I otal Cost:</u>	\$391,000
Project Type:	Aviation			Year of Cost Estimate:	2014
Operation Area	Hillsboro			<u>Federal:</u>	
Project Description:	Construct a r	new landing site for helicopter t pattern at HIO.	s that use the	State:	
	0			<u>City:</u>	
Purpose:	Serve helicor	pter training operations, and a	void operations	SDC:	
.		ensitive residential zones.	void operations	Port Share Committed:	
JDE NUM:	101032			Port Share Forecasted:	
RTP Related:				Private:	
Recent Study:				Other:	
Port Strategic Area:	Retain and G	Grow Key Services		<u>Unfunded:</u>	\$391,000
RTP 2040 Illustra	tive	Conditioned Project		Estimate Rating:	
RTP 2040 Constr	ained	Identified in STIP			
Project Name:	HIO Con	nstruct East Access	Road		
Map ID:	8	Time Frame (Years):	5 years	Total Cost:	\$1,886,560
Project Type:	Aviation			Year of Cost Estimate:	2008
Operation Area	Hillsboro			<u>Federal:</u>	
Project Description:	Construct a	new public access point and t	enant utilities on	State:	
	trie east side	e of runway 12L/30R at HIO.		City:	
_				SDC:	
Purpose:		t development will require land to support its operation.	dside	Port Share	
				Committed:	
JDE NUM:	101235			Port Share Forecasted:	
RTP Related:				Private:	
Recent Study:					
Port Strategic Area:				Other:	
J	Retain and G	Grow Kev Services		<u>Other:</u> <u>Unfunded:</u>	\$1,886,560
RTP 2040 Illustra		Grow Key Services Conditioned Project			\$1,886,560

RTP 2040 Constrained

Project Name:	HIO Relocate Taxiway AA		
Map ID:	9 Time Frame (Years): 10 years	Total Cost:	\$4,700,000
Project Type:	Aviation	Year of Cost	2009
Operation Area	Hillsboro	Estimate:	2009
Project Description:	Relocate a new taxiway AA.	<u>Federal:</u>	
		State:	
		<u>City:</u> SDC:	
Purpose:	Replace existing taxiway AA with a new taxiway with the appropriate design separation from taxiway A. Construct a	<u>SDC.</u> Port Share	
	perimeter road extension between taxiway AA and existing tenant ramps.	Committed:	
JDE NUM:	101030	Port Share Forecasted:	
RTP Related:		<u>Private:</u>	
Recent Study:		Other:	
Port Strategic Area:	Retain and Grow Key Services	<u>Unfunded:</u>	\$4,700,000
RTP 2040 Illustra		Estimate Rating:	
RTP 2040 Constr	rained Identified in STIP		
	Terminal 6 Container Crane Modernizat	<u>ions</u>	
	Terminal 6 Container Crane Modernizat	ions Total Cost:	\$3,634,260
Project Name: Map ID: Project Type:	Terminal 6 Container Crane Modernizat 10 Time Frame (Years): 5 years Marine		\$3,634,260 2012
Project Name: Map ID: Project Type: Operation Area	Terminal 6 Container Crane Modernizat 10 Time Frame (Years): 5 years Marine Rivergate	Total Cost: Year of Cost	
Project Name: Map ID: Project Type: Operation Area	Terminal 6 Container Crane Modernizat 10 Time Frame (Years): 5 years Marine	Total Cost: Year of Cost Estimate:	
Project Name: Map ID: Project Type: Operation Area	Terminal 6 Container Crane Modernizat 10 Time Frame (Years): 5 years Marine Rivergate The project will increase operating efficiencies and improve	Total Cost: Year of Cost Estimate: Federal:	2012
Project Name: Map ID: Project Type: Operation Area Project Description:	Terminal 6 Container Crane Modernizat 10 Time Frame (Years): 5 years Marine Rivergate The project will increase operating efficiencies and improve safety on Cranes 6373, 6374, 6375, and 6379.	Total Cost: Year of Cost Estimate: Federal: State:	2012
Project Name: Map ID: Project Type: Operation Area Project Description:	Terminal 6 Container Crane Modernizat 10 Time Frame (Years): 5 years Marine Rivergate The project will increase operating efficiencies and improve	Total Cost: Year of Cost Estimate: Federal: State: City:	2012
Project Name: Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	Terminal 6 Container Crane Modernizat 10 Time Frame (Years): 5 years Marine Rivergate 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.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share	2012 \$2,907,408
Project Name: Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	Terminal 6 Container Crane Modernizat 10 Time Frame (Years): 5 years Marine Rivergate 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.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	2012 \$2,907,408
Project Name: Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	Terminal 6 Container Crane Modernizat 10 Time Frame (Years): 5 years Marine Rivergate 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.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	2012 \$2,907,408
Project Name: Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Terminal 6 Container Crane Modernizat 10 Time Frame (Years): 5 years Marine Rivergate 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.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	2012 \$2,907,408

Identified in STIP

Project Name: <u>Terminal 6 Crane Drive Electronics</u>

Map ID:	11 Time Frame (Years): 5 years	Total Cost:	\$2,000,000
Project Type:	Marine	Year of Cost	0011
Operation Area	Rivergate	Estimate:	2011
Project Description:	Crane management system upgrades for Cranes 6373 a	Federal:	
	6374.	<u>State:</u>	
		<u>City:</u>	
Purpose:	Improve operational efficiencies for the container cranes.	SDC:	
		Port Share Committed:	
JDE NUM:	101740	<u>Port Share</u> <u>Forecasted:</u>	
RTP Related:	11207	<u>Private:</u>	
Recent Study:		Other:	
Port Strategic Area:	Retain and Grow Key Services	<u>Unfunded:</u>	\$2,000,000
RTP 2040 Illustra		Estimate Rating:	
RTP 2040 Constr	,		
Project Name:	T6 Crane Drives for Cranes 6380 and	<u>6381</u>	
Project Name:		Total Cost:	\$2,000,000
	40	<u>Total Cost:</u> <u>Year of Cost</u>	\$2,000,000 2014
Map ID:	12 Time Frame (Years): 5 years	Total Cost: Year of Cost Estimate:	
Map ID: Project Type: Operation Area	12 Time Frame (Years): 5 years Marine	Total Cost: Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area	12 Time Frame (Years): 5 years Marine Rivergate Crane management system upgrades for Cranes 6380 and	Total Cost: Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area Project Description:	12 Time Frame (Years): 5 years Marine Rivergate Crane management system upgrades for Cranes 6380 at 6381.	Total Cost: Year of Cost Estimate: Federal: State:	
Map ID: Project Type: Operation Area Project Description:	12 Time Frame (Years): 5 years Marine Rivergate Crane management system upgrades for Cranes 6380 and	Total Cost: Year of Cost Estimate: Federal: State: City:	
Map ID: Project Type: Operation Area Project Description:	12 Time Frame (Years): 5 years Marine Rivergate Crane management system upgrades for Cranes 6380 at 6381. Improve operational efficiencies for the container cranes.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose:	12 Time Frame (Years): 5 years Marine Rivergate Crane management system upgrades for Cranes 6380 at 6381. Improve operational efficiencies for the container cranes.	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:	12 Time Frame (Years): 5 years Marine Rivergate Crane management system upgrades for Cranes 6380 at 6381. Improve operational efficiencies for the container cranes.	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:	12 Time Frame (Years): 5 years Marine Rivergate Crane management system upgrades for Cranes 6380 at 6381. Improve operational efficiencies for the container cranes.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2014
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	12 Time Frame (Years): 5 years Marine Rivergate Crane management system upgrades for Cranes 6380 at 6381. Improve operational efficiencies for the container cranes.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	

Project Name:	Barnes to Terminal 4 Rail		
Map ID:	13 Time Frame (Years): 5 years	Total Cost:	\$4,543,000
Project Type:	Rail	Year of Cost	2005
Operation Area	Rivergate	Estimate:	2005
Project Description:	Provide a new track from Barnes Yard to Terminal 4.	<u>Federal:</u>	
		State:	
		<u>City:</u>	
Purpose:	Improve rail access to Terminal 4.	SDC:	
		Port Share Committed:	
JDE NUM:	100658	<u>Port Share</u> Forecasted:	
RTP Related:	11355	<u>r orecasted:</u> <u>Private:</u>	
Recent Study:	Marine Terminal Master Plan 2020 (2003)	Other:	
Dort Stratagia Arası	Period the death is to be death at the code	<u>Unfunded:</u>	\$4,543,000
RTP 2040 Illustra	Regional Leadership in Industrial Lands	Estimate Rating: 2b	ψ .,σ .σ,σσσ
RTP 2040 Constr		<u> </u>	
Project Name:	Kenton Rail Line Upgrade14 Time Frame (Years): 10 years	<u>Total Cost:</u>	\$25,382,000
		Year of Cost	
Map ID:	14 Time Frame (Years): 10 years	Year of Cost Estimate:	\$25,382,000 2003
Map ID: Project Type: Operation Area	14 Time Frame (Years): 10 years Rail Rivergate	Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area	14 Time Frame (Years): 10 years Rail Rivergate Upgrade existing track to second main track with new double track from Peninsula Junction to I-205 and increase	Year of Cost Estimate: Federal: State:	
Map ID: Project Type: Operation Area	14 Time Frame (Years): 10 years Rail Rivergate Upgrade existing track to second main track with new	Year of Cost Estimate: Federal: State: City:	
Map ID: Project Type: Operation Area Project Description:	14 Time Frame (Years): 10 years Rail Rivergate 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,	Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	Time Frame (Years): 10 years Rail Rivergate 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.	Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	Time Frame (Years): 10 years Rail Rivergate 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.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose:	Time Frame (Years): 10 years Rail Rivergate 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 efficience.	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:	Time Frame (Years): 10 years Rail Rivergate 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 efficience.	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 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 efficience. 11356 I-5 Rail Capacity Study (HDR, 2003)	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:	Time Frame (Years): 10 years Rail Rivergate 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 efficience. 11356 I-5 Rail Capacity Study (HDR, 2003) Regional Leadership in Transportation	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	2003

Project Name:	Rivergate ITS		
Map ID:	15 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>	
,	3 , , , , ,	State:	
		<u>City:</u>	
Purpose:	Improve traffic efficiency in Rivergate by connecting	SDC:	
	information about the roadway system to ODOT's Highway information systems.	Port Share Committed:	
JDE NUM:		Port Share	
RTP Related:	10373	Forecasted: Private:	
Recent Study:		Other:	
Dowl Chrotonia Aras	5	<u>Unfunded:</u>	\$480,000
Port Strategic Area:	Regional Leadership in Transportation	Estimate Rating: 30	Ψ400,000
RTP 2040 Illustra	<u>, </u>	<u>-stimate riating.</u> 30	
0.10 001101			
Project Name:	Terminal 6 Stormwater System		
	Terminal 6 Stormwater System	Total Cost:	\$5,000,000
Project Name:	Terminal 6 Stormwater System	Year of Cost	\$5,000,000 2012
Project Name:	Terminal 6 Stormwater System 16 Time Frame (Years): 5 years	Year of Cost Estimate:	
Project Name: Map ID: Project Type: Operation Area	Terminal 6 Stormwater System 16 Time Frame (Years): 5 years Marine	Year of Cost Estimate: Federal:	
Project Name: Map ID: Project Type: Operation Area	Terminal 6 Stormwater System 16 Time Frame (Years): 5 years Marine Rivergate	Year of Cost Estimate: Federal: State:	
Project Name: Map ID: Project Type: Operation Area Project Description:	Terminal 6 Stormwater System 16 Time Frame (Years): 5 years Marine Rivergate Design and construct a stormwater system.	Year of Cost Estimate: Federal: State: City:	
Project Name: Map ID: Project Type: Operation Area Project Description:	Terminal 6 Stormwater System 16 Time Frame (Years): 5 years Marine Rivergate	Year of Cost Estimate: Federal: State: City: SDC:	
Project Name: Map ID: Project Type: Operation Area Project Description:	Terminal 6 Stormwater System 16 Time Frame (Years): 5 years Marine Rivergate Design and construct a stormwater system. The project will modernize the storm drainage system in the	Year of Cost Estimate: Federal: State: City:	
Project Name: Map ID: Project Type: Operation Area Project Description:	Terminal 6 Stormwater System 16 Time Frame (Years): 5 years Marine Rivergate Design and construct a stormwater system. The project will modernize the storm drainage system in the container yard.	Year of Cost Estimate: Federal: State: City: SDC: Port Share	
Project Name: Map ID: Project Type: Operation Area Project Description: Purpose:	Terminal 6 Stormwater System 16 Time Frame (Years): 5 years Marine Rivergate Design and construct a stormwater system. The project will modernize the storm drainage system in the container yard.	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 6 Stormwater System 16 Time Frame (Years): 5 years Marine Rivergate Design and construct a stormwater system. The project will modernize the storm drainage system in the container yard.	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 6 Stormwater System 16 Time Frame (Years): 5 years Marine Rivergate Design and construct a stormwater system. The project will modernize the storm drainage system in the container yard.	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 6 Stormwater System 16 Time Frame (Years): 5 years Marine Rivergate Design and construct a stormwater system. The project will modernize the storm drainage system in the container yard. 101653 Portwide Environmental Strategy	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2012

Other:

\$34,000,000

Unfunded:

Estimate Rating:

Project Name: Auto Import /Export Expansion Map ID: 17 Time Frame (Years): **Total Cost:** 5 years \$6,700,000 Year of Cost Project Type: Marine 2015 **Estimate: Operation Area** Rivergate Federal: Project Description: The project will construct site improvements to expand the State: storage and processing capacity for auto imports and exports through Berth 601 at Terminal 6. By increasing the City: storage and processing capacity, throughput will be increased SDC: Purpose: Increase the storage and processing capacity for auto imports and exports through Berth 601, thereby allowing for Port Share an increase of volumes, leading to increased employment. **Committed:** Port Share JDE NUM: 810048, 810049 Forecasted: **RTP Related:** Private: **Recent Study:** Other: **Unfunded:** \$6.700.000 Port Strategic Area: Retain and Grow Key Services Estimate Rating: 2b RTP 2040 Illustrative Conditioned Project RTP 2040 Constrained Identified in STIP Project Name: <u>Terminal 4 Pier 1 Site Preparation</u> Map ID: 18 Time Frame (Years): 5 years **Total Cost:** \$34,000,000 Year of Cost Project Type: Marine 2012 **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: 101739 Forecasted: RTP Related: 11208 **Private:**

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Conditioned Project

Identified in STIP

Recent Study: Terminal 4 Pier 1 Facility Plan (TEC Inc.)

Port Strategic Area: Regional Leadership in Industrial Lands

RTP 2040 Illustrative

RTP 2040 Constrained

Project Name: Marine Drive ITS Improvement

Map ID:	19 Time Frame (Years): 10 years	Total Cost:	\$200,000
Project Type:	ITS	Year of Cost	4 _00,000
Operation Area	Rivergate	Estimate:	2007
-	Install a CCTV at Portland Road and changeable message	<u>Federal:</u>	
,	signs at N. Portland Road, North Vancouver Way and NE 185th Drive.	State:	
	TOSHT DIIVE.	<u>City:</u>	
Purpose:	Improve traffic efficiency in the Columbia Corridor.	SDC:	
		Port Share Committed:	
JDE NUM:		Port Share Forecasted:	
RTP Related:	10346	<u>r orecasted:</u> <u>Private:</u>	
Recent Study:	Columbia Multimodal Corridor Study 2012	Other:	
Port Strategic Area	Regional Leadership in Transportation	<u> </u>	\$200,000
RTP 2040 Illustra		Estimate Rating:	
RTP 2040 Constr	,		
Project Name:	T5 Berth 503 Terminal Expansion		
Project Name:	·	<u>Total Cost:</u>	\$150,000,000
		Year of Cost	\$150,000,000
Map ID:	Time Frame (Years): 5 years	Year of Cost Estimate:	\$150,000,000
Map ID: Project Type: Operation Area	20 Time Frame (Years): 5 years Rail Rivergate Construct a rail dumper pit, storage building, shiploader	Year of Cost Estimate: Federal:	\$150,000,000
Map ID: Project Type: Operation Area	20 Time Frame (Years): 5 years Rail Rivergate	Year of Cost Estimate: Federal: State:	\$150,000,000
Map ID: Project Type: Operation Area Project Description:	20 Time Frame (Years): 5 years Rail Rivergate Construct a rail dumper pit, storage building, shiploader and berth improvements at Terminal 5 potash export facility	Year of Cost Estimate: Federal: State: City:	\$150,000,000
Map ID: Project Type: Operation Area Project Description:	20 Time Frame (Years): 5 years Rail Rivergate Construct a rail dumper pit, storage building, shiploader	Year of Cost Estimate: Federal: State: City: SDC:	\$150,000,000
Map ID: Project Type: Operation Area Project Description:	20 Time Frame (Years): 5 years Rail Rivergate Construct a rail dumper pit, storage building, shiploader and berth improvements at Terminal 5 potash export facility The project will increase the throughput capacity of the	Year of Cost Estimate: Federal: State: City:	\$150,000,000
Map ID: Project Type: Operation Area Project Description:	Time Frame (Years): 5 years Rail Rivergate Construct a rail dumper pit, storage building, shiploader and berth improvements at Terminal 5 potash export facility The project will increase the throughput capacity of the facility.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	\$150,000,000
Map ID: Project Type: Operation Area Project Description: Purpose:	Time Frame (Years): 5 years Rail Rivergate Construct a rail dumper pit, storage building, shiploader and berth improvements at Terminal 5 potash export facility The project will increase the throughput capacity of the facility.	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:	Time Frame (Years): 5 years Rail Rivergate Construct a rail dumper pit, storage building, shiploader and berth improvements at Terminal 5 potash export facility The project will increase the throughput capacity of the facility.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	\$150,000,000 \$150,000,000
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Time Frame (Years): 5 years Rail Rivergate Construct a rail dumper pit, storage building, shiploader and berth improvements at Terminal 5 potash export facility The project will increase the throughput capacity of the facility.	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:	Pail Rivergate Construct a rail dumper pit, storage building, shiploader and berth improvements at Terminal 5 potash export facility The project will increase the throughput capacity of the facility. 101763 Retain and Grow Key Services	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	\$150,000,000

Project Name:	Terminal 5 Entrance Road		
Map ID:	21 Time Frame (Years): 5 years	Total Cost:	\$2,000,000
Project Type:	Road	Year of Cost	2015
Operation Area	Rivergate	<u>Estimate:</u> Federal:	2013
Project Description:	Provide improvements on the south side of the roadway as		
	well as rail crossing improvements.	<u>State.</u> <u>City:</u>	
		SDC:	
Purpose:	The project will address increased traffic needs.	Port Share Committed:	
JDE NUM:	101716	Port Share Forecasted:	
RTP Related:		<u>Private:</u>	
Recent Study:		Other:	
Port Strategic Area:	Retain and Grow Key Services	<u>Unfunded:</u>	\$2,000,000
RTP 2040 Illustra	tive Conditioned Project	Estimate Rating: 3c	
	Terminal 6 Wharf Optimization 22 Time Frame (Years): 5 years	Total Cost:	\$1 500 000
Map ID:		<u>Total Cost:</u> <u>Year of Cost</u>	\$1,500,000
Map ID: Project Type:	22 Time Frame (Years): 5 years	Year of Cost Estimate:	\$1,500,000 2011
Map ID: Project Type: Operation Area	22 Time Frame (Years): 5 years Marine Rivergate	Year of Cost Estimate: Federal:	2011
Map ID: Project Type: Operation Area	22 Time Frame (Years): 5 years Marine	Year of Cost Estimate: Federal: State:	
Map ID: Project Type: Operation Area	22 Time Frame (Years): 5 years Marine Rivergate Crane management system upgrades for Crane 6375.	Year of Cost Estimate: Federal: State: City:	2011
Map ID: Project Type: Operation Area Project Description:	22 Time Frame (Years): 5 years Marine Rivergate Crane management system upgrades for Crane 6375.	Year of Cost Estimate: Federal: State: City: SDC:	2011
Map ID: Project Type: Operation Area Project Description:	22 Time Frame (Years): 5 years Marine Rivergate Crane management system upgrades for Crane 6375. Crane travel improvements for Cranes 6380 and 6381.	Year of Cost Estimate: Federal: State: City:	2011
Map ID: Project Type: Operation Area Project Description:	22 Time Frame (Years): 5 years Marine Rivergate Crane management system upgrades for Crane 6375. Crane travel improvements for Cranes 6380 and 6381. Improve operational efficiencies for the container cranes.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	2011
Map ID: Project Type: Operation Area Project Description: Purpose:	22 Time Frame (Years): 5 years Marine Rivergate Crane management system upgrades for Crane 6375. Crane travel improvements for Cranes 6380 and 6381. Improve operational efficiencies for the container cranes.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	2011
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	22 Time Frame (Years): 5 years Marine Rivergate Crane management system upgrades for Crane 6375. Crane travel improvements for Cranes 6380 and 6381. Improve operational efficiencies for the container cranes.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	2011
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Time Frame (Years): 5 years Marine Rivergate Crane management system upgrades for Crane 6375. Crane travel improvements for Cranes 6380 and 6381. Improve operational efficiencies for the container cranes.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2011
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Time Frame (Years): 5 years Marine Rivergate Crane management system upgrades for Crane 6375. Crane travel improvements for Cranes 6380 and 6381. Improve operational efficiencies for the container cranes. 101740 Retain and Grow Key Services	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	2011

Project Name: Columbia River Mouth Jetty Refurbishment

Map ID:	23	Time Frame (Years):	5 years	<u>Total Cost:</u>	\$75,000,000
Project Type:	Marine			Year of Cost Estimate:	2012
Operation Area	Rivergate			<u>Federal:</u>	
Project Description:	Refurbish a	and repair the north and south j	etties at the	State:	
	mouth of th	ie Columbia River.		<u>City:</u>	
				SDC:	
Purpose:	This is a crit	tical repair of the jetties at the C	Columbia River Ba	r	
				Port Share Committed:	
JDE NUM:				Port Share Forecasted:	
RTP Related:				<u>Private:</u>	
Recent Study:				Other:	
Deal Obselvate de Asse				<u>Unfunded:</u>	\$75,000,000
		eadership in Transportation	ı	Estimate Rating:	Ψ73,000,000
RTP 2040 Illustra		Conditioned Project Identified in STIP	<u>.</u>	<u>Estimate nating.</u>	
		il Road Reconstructi	<u>on</u>		
Map ID:	24	Time Frame (Years):	10 years	Total Cost:	\$9,000,000
Project Type:	Road			Year of Cost Estimate:	2013
Operation Area	Rivergate			<u>Federal:</u>	
Project Description:	Reconstruc	t Time Oil Road.		State:	
				<u>City:</u>	
_				SDC:	
Purpose:	Provide imp	proved access to South Riverg	ate industrial area.	Port Share Committed:	
JDE NUM:				Port Share	
				Forecasted:	
RTP Related:				<u>Private:</u>	
Recent Study:				Other:	
Port Strategic Area:	Regional Le	eadership in Transportation		<u>Unfunded:</u>	\$9,000,000
RTP 2040 Illustra	ative	Conditioned Project	<u> </u>	Estimate Rating:	
RTP 2040 Const	rained	Identified in STIP			

Project Name:	Rivergate Boulevard Overcrossing	I	
Map ID:	25 Time Frame (Years): 5 year	rs <u>Total Cost:</u> \$18,000	0,000
Project Type:	Road	Year of Cost	00 4 5
Operation Area	Rivergate		2015
Project Description:	Grade separate the South Rivergate Lead at Riverga	Federal: \$3,200 ate Blvd.	0,000
	, c	<u>State:</u>	
		<u>City:</u> \$5,000),000
Purpose:	Improve rail and vehicle traffic flow in Rivergate Indus		
	District.	Port Share Committed:	
JDE NUM:		Port Share Forecasted: \$4,000	000
RTP Related:	11659	Private:	-,
Recent Study:		Other:	
Dout Stratogic Area	5	<u>Unfunded:</u> \$5,800	0.000
Port Strategic Area.	Regional Leadership in Transportation	Estimate Rating: 2b	0,000
DTD 2040 Illustra			
RTP 2040 Illustra		<u> Leannaite Fraunty</u> , 25	
RTP 2040 Consti	Identified in STIP Terminal 2 Crane Upgrades		2,000
RTP 2040 Constr	Terminal 2 Crane Upgrades Time Frame (Years): 5 year	rs <u>Total Cost:</u> \$2,750),000
Project Name: Map ID: Project Type:	Terminal 2 Crane Upgrades Time Frame (Years): 5 year	rs <u>Total Cost:</u> \$2,750 <u>Year of Cost</u>	0,000 2015
Project Name: Map ID: Project Type: Operation Area	Identified in STIP Terminal 2 Crane Upgrades 26 Time Frame (Years): 5 year Marine T2/Swan Island	rs <u>Total Cost:</u> \$2,750 <u>Year of Cost</u> <u>Estimate:</u> <u>Federal:</u>	
Project Name: Map ID: Project Type: Operation Area	Terminal 2 Crane Upgrades 26 Time Frame (Years): 5 year Marine T2/Swan Island The project will modify and upgrade Cranes 2371 an located at Terminal 2. The improvements will increase	rs <u>Total Cost:</u> \$2,750 <u>Year of Cost</u> <u>Estimate:</u> <u>Federal:</u> nd 2372, se the <u>State:</u>	
Project Name: Map ID: Project Type: Operation Area	Terminal 2 Crane Upgrades 26 Time Frame (Years): 5 year Marine T2/Swan Island The project will modify and upgrade Cranes 2371 and	rs <u>Total Cost:</u> \$2,750 <u>Year of Cost</u> <u>Estimate:</u> <u>Federal:</u> nd 2372, se the <u>State:</u>	
Project Name: Map ID: Project Type: Operation Area Project Description:	Terminal 2 Crane Upgrades 26 Time Frame (Years): 5 year Marine T2/Swan Island The project will modify and upgrade Cranes 2371 an located at Terminal 2. The improvements will increas suitability and efficiency of the crane to handle bulk of	rs <u>Total Cost:</u> \$2,750 <u>Year of Cost</u> <u>Estimate:</u> federal: ad 2372, ase the cargoes. City: SDC:	
Project Name: Map ID: Project Type: Operation Area Project Description:	Terminal 2 Crane Upgrades 26 Time Frame (Years): 5 year Marine T2/Swan Island The project will modify and upgrade Cranes 2371 an located at Terminal 2. The improvements will increase	rs Total Cost: \$2,750 Year of Cost Estimate: Federal: and 2372, see the cargoes. City: SDC: ficiency Port Share	
Project Name: Map ID: Project Type: Operation Area Project Description:	Terminal 2 Crane Upgrades 26 Time Frame (Years): 5 year Marine T2/Swan Island The project will modify and upgrade Cranes 2371 an located at Terminal 2. The improvements will increas suitability and efficiency of the crane to handle bulk of the improvements will increase the suitability and efficiency and efficiency and efficiency of the crane to handle bulk of the improvements will increase the suitability and efficiency and efficiency of the crane to handle bulk of the improvements will increase the suitability and efficiency and efficiency of the crane to handle bulk of the improvements will increase the suitability and efficiency of the crane to handle bulk of the improvements will increase the suitability and efficiency of the crane to handle bulk of the improvements will increase the suitability and efficiency of the crane to handle bulk of the improvements will increase the suitability and efficiency of the crane to handle bulk of the improvements will increase the suitability and efficiency of the crane to handle bulk of the improvements will increase the suitability and efficiency of the crane to handle bulk of the improvements will increase the suitability and efficiency of the crane to handle bulk of the improvements will increase the suitability and efficiency of the crane to handle bulk of the improvements will increase the suitability and efficiency of the crane to handle bulk of the improvements will be a suitability and efficiency of the crane to handle bulk of the improvements will be a suitability and efficiency of the crane to handle bulk of the improvements will be a suitability and efficiency of the crane to handle bulk of the improvements will be a suitability and efficiency of the crane to handle bulk of the improvements will be a suitability and efficiency of the crane to handle bulk of the improvements will be a suitability and efficiency of the crane to handle bulk of the improvements will be a suitability and efficiency of the crane to the improvement will be a suitability and effi	rs Total Cost: \$2,750 Year of Cost Estimate: Federal: se the cargoes. City: SDC: Port Share Committed:	
Project Name: Map ID: Project Type: Operation Area Project Description:	Terminal 2 Crane Upgrades 26 Time Frame (Years): 5 year Marine T2/Swan Island The project will modify and upgrade Cranes 2371 an located at Terminal 2. The improvements will increas suitability and efficiency of the crane to handle bulk of the cranes to handle bulk cargoes.	rs Total Cost: \$2,750 Year of Cost Estimate: Federal: nd 2372, se the cargoes. City: SDC: ficiency Port Share Committed: Port Share	
Project Name: Map ID: Project Type: Operation Area Project Description:	Terminal 2 Crane Upgrades 26 Time Frame (Years): 5 year Marine T2/Swan Island The project will modify and upgrade Cranes 2371 and located at Terminal 2. The improvements will increase suitability and efficiency of the crane to handle bulk of the cranes to handle bulk cargoes.	rs Total Cost: \$2,750 Year of Cost Estimate: Federal: State: City: SDC: ficiency Port Share Committed: Port Share Forecasted:	
RTP 2040 Construction Project Name: Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	Terminal 2 Crane Upgrades 26 Time Frame (Years): 5 year Marine T2/Swan Island The project will modify and upgrade Cranes 2371 and located at Terminal 2. The improvements will increase suitability and efficiency of the crane to handle bulk of the cranes to handle bulk cargoes.	rs Total Cost: \$2,750 Year of Cost Estimate: Federal: nd 2372, se the cargoes. City: SDC: ficiency Port Share Committed: Port Share	
Project Name: Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Terminal 2 Crane Upgrades 26 Time Frame (Years): 5 year Marine T2/Swan Island The project will modify and upgrade Cranes 2371 and located at Terminal 2. The improvements will increase suitability and efficiency of the crane to handle bulk of the cranes to handle bulk cargoes. The improvements will increase the suitability and effort the cranes to handle bulk cargoes.	rs Total Cost: \$2,750 Year of Cost Estimate: Federal: nd 2372, see the cargoes. City: SDC: ficiency Port Share Committed: Port Share Forecasted: Private:	2015
Project Name: Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Terminal 2 Crane Upgrades 26 Time Frame (Years): 5 year Marine T2/Swan Island The project will modify and upgrade Cranes 2371 an located at Terminal 2. The improvements will increas suitability and efficiency of the crane to handle bulk of the cranes to handle bulk cargoes. The improvements will increase the suitability and effort the cranes to handle bulk cargoes.	rs Total Cost: Year of Cost Estimate: Federal: nd 2372, se the cargoes. City: SDC: ficiency Port Share Committed: Port Share Forecasted: Private: Other:	2015

Project Name:	PSU ITS Expansion		
Map ID:	27 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> <u>State:</u>	
	program beyond the freeway to some key arterials throughout the region and create a repository of regional	<u>State.</u> <u>City:</u>	
	freight data.	SDC:	
Purpose:	To secure truck flow and congestion data.	Port Share Committed:	
JDE NUM:		Port Share	
RTP Related:	10377	Forecasted:	
Recent Study:	10077	Private:	
•		Other:	
Port Strategic Area:	Regional Leadership in Transportation	<u>Unfunded:</u> <u>Estimate Rating:</u>	
RTP 2040 Constr	Identified in STIP Terminal 2 Rail Improvement		
Map ID:	28 Time Frame (Years): 5 years	Total Cost:	\$2,250,000
Project Type:	Rail	Year of Cost	
Operation Area	T2/Swan Island	<u>Estimate:</u>	2015
-	Add approximately 600 feet to the inner track (Track 10) and	<u>Federal:</u>	
,	connect it with the outer loop (Track 15). A third track may also be constructed and a rail scaling station added in	<u>State:</u>	
	addition to stormwater improvements to the dock.	<u>City:</u>	
Purpose:	Increase rail capacity and operating efficiencies at Terminal		
	2.	Port Share Committed:	
JDE NUM:	101046	<u>Port Share</u> <u>Forecasted:</u>	
RTP Related:	11649	<u>Private:</u>	
Recent Study:		Other:	
Port Strategic Area	Retain and Grow Key Services	<u> </u>	\$2,250,000
RTP 2040 Illustra		Estimate Rating: 30	

Identified in STIP

RTP 2040 Constrained

Project Name: <u>Dredge Oregon Pipe, Scows and Pontoons</u>

Map ID:	29 1	Γime Frame (Years):	5 years	Total Cost:	\$10,200,000
Project Type:	Marine			Year of Cost Estimate:	2014
Operation Area	T2/Swan Islar	nd		<u>Estimate.</u> <u>Federal:</u>	2014
Project Description:) feet of dredge pipe, pontoo	ns, anchor scow		
	and anchors.			<u>City:</u>	
				SDC:	
Purpose:	Allow Dredge pump materia	Oregon to make full use of real 14,000 feet.	ecent repower ar	Port Share Committed:	
JDE NUM:	102271			Port Share	
RTP Related:	102271			Forecasted:	
Recent Study:				<u>Private:</u>	
•				Other:	
Port Strategic Area:				<u>Unfunded:</u>	\$10,200,000
RTP 2040 Illustra		☐ Conditioned Project☐ Identified in STIP		Estimate Rating: 30	
Project Name:	Now Dro	dao Tondor			
		_			
Map ID:		Time Frame (Years):	5 years	Total Cost:	\$7,600,000
		_	5 years	<u>Total Cost:</u> <u>Year of Cost</u> <u>Estimate:</u>	\$7,600,000 2014
Map ID: Project Type: Operation Area	30 1 Marine T2/Swan Islan	Fime Frame (Years):	·	Year of Cost	
Map ID: Project Type: Operation Area	30 1 Marine T2/Swan Islan Replace the 6	Fime Frame (Years): and existing vintage tugboat W.L.	Williams with a	Year of Cost Estimate:	
Map ID: Project Type: Operation Area	30 1 Marine T2/Swan Islan Replace the 6	Firme Frame (Years): and existing vintage tugboat W.L. sucted modern work-boat vess	Williams with a	Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area Project Description:	30 1 Marine T2/Swan Islam Replace the enewly construtugboat Clack	Fime Frame (Years): nd existing vintage tugboat W.L. ucted modern work-boat vess kamas.	Williams with a el. Repower	Year of Cost Estimate: Federal: State:	
Map ID: Project Type: Operation Area Project Description:	30 1 Marine T2/Swan Islam Replace the enewly construtugboat Clack	Firme Frame (Years): and existing vintage tugboat W.L. sucted modern work-boat vess	Williams with a rel. Repower regon dredging	Year of Cost Estimate: Federal: State: City:	
Map ID: Project Type: Operation Area Project Description:	30 1 Marine T2/Swan Islan Replace the enewly construtugboat Clack Improve oper operations an	Fime Frame (Years): and existing vintage tugboat W.L. ucted modern work-boat vess kamas. ational support for Dredge On and improve environmental per	Williams with a rel. Repower regon dredging	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose:	30 1 Marine T2/Swan Islan Replace the enewly construtugboat Clack Improve oper operations an	Fime Frame (Years): and existing vintage tugboat W.L. ucted modern work-boat vess kamas. ational support for Dredge On and improve environmental per	Williams with a rel. Repower regon dredging	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 1 Marine T2/Swan Islan Replace the enewly construtugboat Clack Improve oper operations an	Fime Frame (Years): and existing vintage tugboat W.L. ucted modern work-boat vess kamas. ational support for Dredge On and improve environmental per	Williams with a rel. Repower regon dredging	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:	30 1 Marine T2/Swan Islan Replace the enewly construtugboat Clack Improve oper operations and	Fime Frame (Years): and existing vintage tugboat W.L. ucted modern work-boat vess kamas. ational support for Dredge Or ind improve environmental per	Williams with a rel. Repower regon dredging	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2014
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	30 1 Marine T2/Swan Islam Replace the enewly construtugboat Clack Improve oper operations and	Fime Frame (Years): and existing vintage tugboat W.L. ucted modern work-boat vess kamas. ational support for Dredge Or ind improve environmental per	Williams with a rel. Repower regon dredging	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	

Project Name:	T2 Crane Drives and Cabs for Cranes	2371 and 2372	
Map ID:	31 Time Frame (Years): 5 years	Total Cost:	\$2,600,000
Project Type:	Marine	Year of Cost	2015
Operation Area	T2/Swan Island	Estimate:	2015
Project Description:	Crane management system and cab upgrades for Crane	Federal:	
	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 Const	•	<u></u>	
	Dredge Oregon Support Equipment		
Project Name:		Total Cost:	\$2,000,000
		Year of Cost	\$2,000,000 2015
Map ID:	32 Time Frame (Years): 5 years	Year of Cost Estimate:	
Map ID: Project Type: Operation Area	32 Time Frame (Years): 5 years Marine T2/Swan Island Repower or replace navigation equipment including supp	Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area	32 Time Frame (Years): 5 years Marine T2/Swan Island	Year of Cost Estimate: Federal: State:	
Map ID: Project Type: Operation Area Project Description:	32 Time Frame (Years): 5 years Marine T2/Swan Island Repower or replace navigation equipment including supplyessels and landside equipment such as bulldozers.	Year of Cost Estimate: Federal: State: City:	
Map ID: Project Type: Operation Area Project Description:	32 Time Frame (Years): 5 years Marine T2/Swan Island Repower or replace navigation equipment including supp	Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	32 Time Frame (Years): 5 years Marine T2/Swan Island Repower or replace navigation equipment including supplyessels and landside equipment such as bulldozers.	Year of Cost Estimate: Federal: State: City:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	32 Time Frame (Years): 5 years Marine T2/Swan Island Repower or replace navigation equipment including suppressels and landside equipment such as bulldozers. Improve productivity and environmental performance.	Year of Cost Estimate: Federal: State: City: SDC: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	Marine T2/Swan Island Repower or replace navigation equipment including suppressels 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:	Marine T2/Swan Island Repower or replace navigation equipment including suppressels 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: RTP Related: Recent Study:	Marine T2/Swan Island Repower or replace navigation equipment including suppressels 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 suppressels 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

RTP 2040 Constrained

Project Name: Swigert Way Extension Map ID: 33 Time Frame (Years): **Total Cost:** 5 years \$2,500,000 **Year of Cost** Project Type: Road 2013 **Estimate: Operation Area** East County Federal: **Project Description:** Extend Swigert Way from it existing terminus to Graham \$2,220,000 State: Road. City: SDC: **Purpose:** Improve access to Troutdale Reynolds Industrial Park. Port Share **Committed:** \$280,000 Port Share JDE NUM: 101633 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:** 34 Time Frame (Years): **Total Cost:** 5 years \$10,000,000 **Year of Cost** Project Type: Road **Estimate:** 2013 **Operation Area** East County Federal: Project Description: Reconstruct and/or widen Graham Road along and \$7,780,000 State: nearTroutdale Reynolds Industrial Park frontage. City: \$1,100,000 SDC: Purpose: Improve access to Troutdale Reynolds Industrial Park Phase Port Share Committed: \$1.120.000 Port Share **JDE NUM: 101633** Forecasted: RTP Related: 11232, 11130 Private: **Recent Study:** Other: **Unfunded:** Port Strategic Area: Regional Leadership in Industrial Lands Estimate Rating: 1a RTP 2040 Illustrative Conditioned Project

Identified in STIP

Map ID: 35	Project Type: Aviation Operation Area East County Project Description: Reconstruct existing 150 x 5400' runway; narrow to 75' wide, relocated/reconstruct edge lighting, construct required drainage improvements. Purpose: Project identified in 2004 TTD Master Plan. Port Comm JDE NUM: 101039 Port RTP Related: Recent Study: Port Strategic Area: Retain and Grow Key Services RTP 2040 Illustrative Conditioned Project Estimate RTP 2040 Construined Identified in STIP Project Name: TTD Rehabilitate Taxiway A Map ID: 36 Time Frame (Years): 5 years Total Project Type: Aviation Project Type: Aviation Project Description: Rehabilitation of full-length parallel taxiway A including lighting and markings. Purpose: Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life. Port Type: Port Report Port assessment of pavement condition and expected remaining life. Port RTP Related: Port assessment of pavement condition and expected remaining life.		nstruct runway 7-25	Project Name:
Operation Area East County Federal; Fe	Operation Area East County Project Description: Reconstruct existing 150' x 5400' runway; narrow to 75' wide, relocated/reconstruct edge lighting, construct required drainage improvements. Purpose: Project identified in 2004 TTD Master Plan. Port Comm JDE NUM: 101039 Port. RTP Related: Execent Study: Port Strategic Area: Retain and Grow Key Services Unfill RTP 2040 Illustrative Conditioned Project Estimate RTP 2040 Constrained Identified in STIP Project Name: TTD Rehabilitate Taxiway A Map ID: 36 Time Frame (Years): 5 years Total Project Type: Aviation Stipe Project Type: Aviation East County Project Description: Rehabilitation of full-length parallel taxiway A including lighting and markings. Purpose: Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life. Port Strategic Area: Retain and Grow Key Services Unfill-length parallel taxiway A including lighting and markings.	st: \$12,534,000	ime Frame (Years): 5 years <u>Total Cost:</u>	Map ID:
Project Description: Reconstruct existing 150' x 5400' runway; narrow to 75' wide, relocated/reconstruct edgle lighting, construct required drainage improvements. Purpose: Project identified in 2004 TTD Master Plan. Purpose: Project identified in 2004 TTD Master Plan. Port Share Committed: JDE NUM: 101039 Port Share Forecasted: Private: RECENT Study: Other: Port Strategic Area: Retain and Grow Key Services RTP Related: Private: RECONDITION RETAINS INTERPRETATION RETAINS TOTAL Cost: \$12,534,000 RTP 2040 Illustrative Conditioned Project Estimate Rating: State: Committed: State: Stimate Rating: Project Name: RTP 2040 Constrained Identified in STIP Project Name: Project Type: Aviation Project Type: Aviation Project Type: Aviation Project Rehabilitate Taxiway A Including Ighting and markings. Project Description: Rehabilitation of full-length parallel taxiway A including Ighting and markings. Purpose: Project recommended in 2004 Master Plan and verified by Port Assessment of pavement condition and expected remaining life. Port Share Committed: Port Share Port Share Port Share Committed: Port Share Port Share Port Share Committed: Port Share Committed: Port Share Port Share Port Share Port Share Port Share Committed: Port Share Port Shar	Project Description: Reconstruct existing 150' x 5400' runway; narrow to 75' wide, relocated/reconstruct edge lighting, construct required drainage improvements. Purpose: Project identified in 2004 TTD Master Plan. Port. Com. JDE NUM: 101039 RTP Related: Recent Study: Port Strategic Area: Retain and Grow Key Services RTP 2040 Illustrative Conditioned Project Estimate RTP 2040 Constrained Identified in STIP Project Name: TTD Rehabilitate Taxiway A Map ID: 36 Time Frame (Years): 5 years Total Year of Department of Departmen			Project Type:
Project Description: Reconstruct existing 150' x 5400' runway; narrow to 75' wide, relocated/reconstruct edge lighting, construct required drainage improvements. Purpose: Project identified in 2004 TTD Master Plan. Port Share Forecasted; RTP Related: Private: Recent Study: Other: Port Strategic Area: Retain and Grow Key Services Unfunded: \$12,534,000 RTP 2040 Constrained Conditioned Project Estimate Rating: RTP 2040 Constrained Identified in STIP Project Name: TD Rehabilitate Taxiway A Map ID: 36 Time Frame (Years): 5 years Total Cost: \$10,100,000 Project Type: Aviation Frame (Years): 5 years Total Cost: Estimate: 2010 Project Description: Rehabilitation of full-length parallel taxiway A including lighting and markings. Purpose: Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life. Port Share Committed: Port Share Committed: Depart Share Committed: Port Share Port Share Committed: Port Share Port S	Project Description: Reconstruct existing 150'x 5400' runway; narrow to 75' wide, relocated/reconstruct edge lighting, construct required drainage improvements. Purpose: Project identified in 2004 TTD Master Plan. Port Com: JDE NUM: 101039 RTP Related: Recent Study: Port Strategic Area: Retain and Grow Key Services RTP 2040 Illustrative Conditioned Project Estimate RTP 2040 Constrained Identified in STIP Project Name: TTD Rehabilitate Taxiway A Map ID: 36 Time Frame (Years): 5 years Project Type: Aviation Operation Area East County Project Description: Rehabilitation of full-length parallel taxiway A including lighting and markings. Purpose: Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life. Port Strategic Area: Retain and Grow Key Services Unft Estimate Estimate Estimate Peroject Name: Total Aviation Estimate Port Total Aviation Port assessment of pavement condition and expected remaining life. Port assessment of pavement condition and expected remaining life. Estimate Port Com: Year of Port Com: Port Strategic Area: Retain and Grow Key Services Unft Com: Year of Port Com: Port Strategic Area: Retain and Grow Key Services Unft Com: Year of Port Com: Por	<u></u>		Operation Area
relocated/reconstruct edge lighting, construct required drainage improvements. Purpose: Project identified in 2004 TTD Master Plan. Port Share Committed: JDE NUM: 101039 RTP Related: Recent Study: Port Strategic Area: Retain and Grow Key Services RETP 2040 Illustrative	Purpose: Project identified in 2004 TTD Master Plan. Port Com JDE NUM: 101039 RTP Related: Recent Study: Port Strategic Area: Retain and Grow Key Services RTP 2040 Illustrative Conditioned Project Estimate RTP 2040 Constrained Identified in STIP Project Name: TTD Rehabilitate Taxiway A Map ID: 36 Time Frame (Years): 5 years Project Type: Aviation Operation Area East County Project Description: Rehabilitation of full-length parallel taxiway A including lighting and markings. Purpose: Project recommended in 2004 Master Plan and verified by Port assessment of paverment condition and expected remaining life. Port Strategic Area: Retain and Grow Key Services Unff Estimate Estimate Fortage Fortage Fortage Port Total Strategic Area: Plan and verified by Port assessment of paverment condition and expected remaining life. Port Total Strategic Area: Plan and verified by Port assessment of paverment condition and expected remaining life. Port Total Strategic Area: Plan and verified by Port assessment of paverment condition and expected remaining life.		risting 150' x 5400' runway: narrow to 75' wide	Project Description:
Purpose: Project identified in 2004 TTD Master Plan. Port Share Committed: JDE NUM: 101039 RTP Related: Recent Study: Port Strategic Area: Retain and Grow Key Services REP 2040 Illustrative RTP 2040 Illustrative RTP 2040 Constrained Identified in STIP Project Name: TD Rehabilitate Taxiway A Map ID: 36 Time Frame (Years): 5 years Project Type: Operation Area East County Project Description: Rehabilitation of full-length parallel taxiway A including lighting and markings. Purpose: Purpose: Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life. JDE NUM: 101038 Port Share Committed: Port Share Committed: Port Share Committed: Port Share	Purpose: Project identified in 2004 TTD Master Plan. Port Com: JDE NUM: 101039 RTP Related: Recent Study: Port Strategic Area: Retain and Grow Key Services RTP 2040 Illustrative Conditioned Project Estimate RTP 2040 Constrained Identified in STIP Project Name: TTD Rehabilitate Taxiway A Map ID: 36 Time Frame (Years): 5 years Project Type: Aviation Operation Area East County Project Description: Rehabilitation of full-length parallel taxiway A including lighting and markings. Purpose: Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life. Port Com: JDE NUM: 101038 RTP Related:		nstruct edge lighting, construct required	
Purpose: Project identified in 2004 TTD Master Plan. Port Share Committed: JDE NUM: 101039 RTP Related: Private: Recent Study: Other: Port Strategic Area: Retain and Grow Key Services Unfunded: \$12,534,000 RTP 2040 Illustrative Conditioned Project Estimate Rating: RTP 2040 Constrained Identified in STIP Project Name: TD Rehabilitate Taxiway A Map ID: 36 Time Frame (Years): 5 years Total Cost: \$10,100,000 Project Type: Aviation Year of Cost Estimate: Operation Area East County Project Description: Rehabilitation of full-length parallel taxiway A including lighting and markings. City: SDC: Purpose: Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life. Port Share Committed: JDE NUM: 101038	JDE NUM: 101039 RTP Related: Recent Study: Port Strategic Area: Retain and Grow Key Services RTP 2040 Illustrative Conditioned Project Estimate RTP 2040 Constrained Identified in STIP Project Name: TD Rehabilitate Taxiway A Map ID: 36 Time Frame (Years): 5 years Project Type: Aviation Project Type: Aviation Seast County Project Description: Rehabilitation of full-length parallel taxiway A including lighting and markings. Purpose: Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life. Port Strategic Area: Retain and Grow Key Services Unff Estimate Estimate Fatigate Feature Fortage Port Totage Port Tot		<u>City:</u>	
JDE NUM: 101039 RTP Related: Recent Study: Port Strategic Area: Retain and Grow Key Services Port Strate Rating: Estimate Rating: Estimate Rating: Stope Services Port Strate Cost: Stope State: State: Stope State: State: Stope State: Stope State: Stope State: Stope State: State: Stope State: State: Stope State: Stope State: State: Stope State: State: Stope State: State: Stope State: State: State: State: Stope State:	JDE NUM: 101039 RTP Related: Recent Study: Port Strategic Area: Retain and Grow Key Services RTP 2040 Illustrative Conditioned Project RTP 2040 Constrained Identified in STIP Project Name: TTD Rehabilitate Taxiway A Map ID: 36 Time Frame (Years): 5 years Total Year Operation Area East County Project Description: Rehabilitation of full-length parallel taxiway A including lighting and markings. Purpose: Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life. JDE NUM: 101038 RTP Related: East County Port Commended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life.		ed in 2004 TTD Master Plan.	Purpose:
RTP Related: Recent Study: Port Strategic Area: Retain and Grow Key Services RTP 2040 Illustrative Conditioned Project RTP 2040 Constrained Identified in STIP Project Name: TD Rehabilitate Taxiway A Map ID: 36 Time Frame (Years): 5 years Total Cost: \$10,100,000 Project Type: Aviation Year of Cost Estimate: 2010 Operation Area East County Project Description: Rehabilitation of full-length parallel taxiway A including lighting and markings. Purpose: Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life. JDE NUM: 101038	RTP Related: Recent Study: Port Strategic Area: Retain and Grow Key Services RTP 2040 Illustrative Conditioned Project RTP 2040 Constrained Identified in STIP Project Name: TD Rehabilitate Taxiway A Map ID: 36 Time Frame (Years): 5 years Project Type: Aviation Operation Area East County Project Description: Rehabilitation of full-length parallel taxiway A including lighting and markings. Purpose: Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life. JDE NUM: 101038 RTP Related:	ed:	Committed:	
RTP Related: Recent Study: Port Strategic Area: Retain and Grow Key Services Project Name: RTP 2040 Illustrative	RTP Related: Recent Study: Port Strategic Area: Retain and Grow Key Services RTP 2040 Illustrative Conditioned Project RTP 2040 Constrained Identified in STIP Project Name: TD Rehabilitate Taxiway A Map ID: 36 Time Frame (Years): 5 years Project Type: Aviation Project Type: Aviation Operation Area East County Project Description: Rehabilitation of full-length parallel taxiway A including lighting and markings. Purpose: Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life. JDE NUM: 101038 RTP Related:			JDE NUM:
PORT Strategic Area: Retain and Grow Key Services Unfunded: \$12,534,000 RTP 2040 Illustrative Conditioned Project RTP 2040 Constained Identified in STIP Project Name: TID Rehabilitate Taxiway A Map ID: 36 Time Frame (Years): 5 years Total Cost: \$10,100,000 Project Type: Aviation Of full-length parallel taxiway A including lighting and markings. Federal: City: SDC: Port Share committed: Por	Project Name: TD Rehabilitate Taxiway A Map ID: 36 Time Frame (Years): 5 years Project Type: Aviation Operation Area East County Project Description: Rehabilitation of full-length parallel taxiway A including lighting and markings. Purpose: Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life. Port RTP 2040 Constrained		· · · · · · · · · · · · · · · · · · ·	RTP Related:
Port Strategic Area: Retain and Grow Key Services	RTP 2040 Illustrative Conditioned Project RTP 2040 Constrained Identified in STIP Project Name: TTD Rehabilitate Taxiway A Map ID: 36 Time Frame (Years): 5 years Project Type: Aviation Operation Area East County Project Description: Rehabilitation of full-length parallel taxiway A including lighting and markings. Purpose: Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life. JDE NUM: 101038 RTP Related:			Recent Study:
RTP 2040 Illustrative Conditioned Project RTP 2040 Constrained Identified in STIP Project Name: TD Rehabilitate Taxiway A Map ID: 36 Time Frame (Years): 5 years Total Cost: \$10,100,000 Project Type: Aviation Year of Cost Estimate: 2010 Operation Area East County Federal: Project Description: Rehabilitation of full-length parallel taxiway A including lighting and markings. Purpose: Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life. JDE NUM: 101038	RTP 2040 Illustrative Conditioned Project RTP 2040 Constrained Identified in STIP Project Name: TTD Rehabilitate Taxiway A Map ID: 36 Time Frame (Years): 5 years Project Type: Aviation Operation Area East County Project Description: Rehabilitation of full-length parallel taxiway A including lighting and markings. Purpose: Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life. JDE NUM: 101038 RTP Related:			Port Stratogic Area
Project Name: TTD Rehabilitate Taxiway A Map ID: 36 Time Frame (Years): 5 years Total Cost: \$10,100,000 Project Type: Aviation	Project Name: TD Rehabilitate Taxiway A Map ID: 36 Time Frame (Years): 5 years Project Type: Aviation Operation Area East County Project Description: Rehabilitation of full-length parallel taxiway A including lighting and markings. Purpose: Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life. JDE NUM: 101038 RTP Related:		The state of the s	
Map ID: 36 Time Frame (Years): 5 years Total Cost: \$10,100,000 Project Type: Aviation Operation Area East County Project Description: Rehabilitation of full-length parallel taxiway A including lighting and markings. Purpose: Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life. Purpose: Project recommended in 2004 Master Plan and verified by Port Share Committed: Port Share Committed: Port Share	Map ID: 36 Time Frame (Years): 5 years Project Type: Aviation Operation Area East County Project Description: Rehabilitation of full-length parallel taxiway A including lighting and markings. Purpose: Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life. JDE NUM: 101038 RTP Related: Port Forect RTP Related: East County Related: Port Related: Port Related: RTP Related: RTP Related: Port Related: RTP Related: Port Related: RTP Related: Port Related: RTP Related: Port Re	 -	·	
Project Type: Aviation Operation Area East County Project Description: Rehabilitation of full-length parallel taxiway A including lighting and markings. Purpose: Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life. Purpose: Note: Project recommended in 2004 Master Plan and verified by Port Share Committed: Port Share Committed: Port Share	Project Type: Aviation Operation Area East County Project Description: Rehabilitation of full-length parallel taxiway A including lighting and markings. Purpose: Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life. JDE NUM: 101038 RTP Related: Port Forest			
Operation Area East County Project Description: Rehabilitation of full-length parallel taxiway A including lighting and markings. Purpose: Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life. Purpose: Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected Committed: Port Share Committed:	Project Description: Rehabilitation of full-length parallel taxiway A including lighting and markings. Purpose: Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life. Port Commended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life.			
Operation Area East County Project Description: Rehabilitation of full-length parallel taxiway A including lighting and markings. State: City: SDC: Purpose: Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life. Port Share Committed: JDE NUM: 101038	Operation Area East County Project Description: Rehabilitation of full-length parallel taxiway A including lighting and markings. Purpose: Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life. Port Commended: 101038 RTP Related: East County Rehabilitation of full-length parallel taxiway A including lighting and markings.		ime Frame (Years): 5 years <u>Total Cost:</u>	Map ID:
Project Description: Rehabilitation of full-length parallel taxiway A including lighting and markings. State: City: SDC: Purpose: Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life. Port Share Committed: JDE NUM: 101038	Purpose: Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life. Purpose: Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life. Port Commended: Port Forect RTP Related:	<u>ost</u>	ime Frame (Years): 5 years Total Cost: Year of Cost	Map ID:
Purpose: Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life. Port Share Committed: Port Share	Port assessment of pavement condition and expected remaining life. JDE NUM: 101038 RTP Related: Port Comi	ost 2010	ime Frame (Years): 5 years Total Cost: Year of Cost Estimate:	Map ID: Project Type:
Purpose: Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life. Description of pavement condition and expected Committed: Description of pavement condition and expected Committed: Port Share Port Share	Port assessment of pavement condition and expected remaining life. JDE NUM: 101038 RTP Related: Port Comi	2010 eal:	ime Frame (Years): 5 years Total Cost: Year of Cost Estimate: Federal: of full-length parallel taxiway A including	Map ID: Project Type: Operation Area
Port assessment of pavement condition and expected remaining life. Description of pavement condition and expected committed: Description of pavement condition and expected committed committed condition and expected committed comm	Port assessment of pavement condition and expected remaining life. JDE NUM: 101038 RTP Related: Port Comi	2010 ral: tte:	ime Frame (Years): 5 years Year of Cost Estimate: Federal: of full-length parallel taxiway A including arkings. State:	Map ID: Project Type: Operation Area
	RTP Related:	est 2010 ral: te:	ime Frame (Years): 5 years Total Cost: Year of Cost Estimate: Federal: of full-length parallel taxiway A including arkings. State: City: SDC:	Map ID: Project Type: Operation Area Project Description:
Pausasatad.	RTP Related:	est 2010 ral: te: tty: OC: re	ime Frame (Years): 5 years Total Cost: Year of Cost Estimate: Federal: of full-length parallel taxiway A including arkings. State: City: SDC: nended in 2004 Master Plan and verified by nt of pavement condition and expected	Map ID: Project Type: Operation Area Project Description:
PTD Polated:	_	est 2010 ral: te: tty: OC: re ed: re	ime Frame (Years): 5 years Total Cost: Year of Cost Estimate: Federal: of full-length parallel taxiway A including arkings. State: City: SDC: nended in 2004 Master Plan and verified by nt of pavement condition and expected Port Share Committed: Port Share	Map ID: Project Type: Operation Area Project Description: Purpose:
Pagent Study	· · · · · · · · · · · · · · · · · · ·	est 2010 ral: tte: cty: DC: re ed: re ed:	ime Frame (Years): 5 years Total Cost: Year of Cost Estimate: Federal: of full-length parallel taxiway A including arkings. State: City: SDC: nended in 2004 Master Plan and verified by nt of pavement condition and expected Port Share Committed: Port Share Forecasted:	Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:
	Dout Stretonia Area, D	est 2010 ral: te: ty: OC: re ed: re ed: te:	ime Frame (Years): 5 years Total Cost: Year of Cost Estimate: Federal: of full-length parallel taxiway A including arkings. State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:
Port Strategic Area: Retain and Grow Key Services Unfunded: \$10,100,000	Tetal and Grow Ney Services	est te: 2010 ral: tte: tty: OC: re ed: re ed: tte: er:	ime Frame (Years): 5 years Total Cost: Year of Cost Estimate: Federal: of full-length parallel taxiway A including arkings. 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:
RTP 2040 Illustrative Conditioned Project Estimate Rating:	RTP 2040 Constrained Conditioned Project Estimate	2010 ral: tte: 2010 ral: tte: ity: DC: re ed: re ed: tte: ed: \$10,100,000	ime Frame (Years): 5 years Year of Cost Estimate: Federal: of full-length parallel taxiway A including arkings. State: City: SDC: nended in 2004 Master Plan and verified by nt of pavement condition and expected Port Share Committed: Port Share Forecasted: Private: Other: Unfunded:	Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study: Port Strategic Area:

Project Name: 40 Mile Loop Trail: Blue Lake Park to Sundial Rd.

Map ID:	37	Time Frame (Years):	5 years	Total Cost:	\$3,424,073
Project Type:	Bike/Ped			Year of Cost	2014
Operation Area	East County	/		Estimate:	
Project Description:		mixed use off road trail conne	cting Blue Lake	<u>Federal:</u>	\$3,072,421
	Park and Su	undial Road.		State:	\$117,217
				City:	\$117,217
Purpose:		vith the Port's Reynolds levee to	ail it will	SDC:	
	complete g	aps in the 40 Mile Loop Trail.		Port Share Committed:	
JDE NUM:	102069			Port Share Forecasted:	\$234,435
RTP Related:	10408			<u>Private:</u>	
Recent Study:				Other:	
Port Strategic Area:	Regional Le	eadership in Transportation		<u>Unfunded:</u>	
RTP 2040 Illustra	-	Conditioned Project		Estimate Rating:	
RTP 2040 Consti	rained	Identified in STIP		_	
Project Name:	Sundial	Road Improvements	3		
		•	2		
Map ID:		Time Frame (Years):	5 years	Total Cost:	\$3,200,000
Map ID: Project Type:				Year of Cost	\$3,200,000 2013
•	38	Time Frame (Years):		Year of Cost Estimate:	
Project Type: Operation Area	38 Road East County	Time Frame (Years):	5 years	Year of Cost	
Project Type: Operation Area	38 Road East County	Time Frame (Years):	5 years	Year of Cost Estimate: Federal:	2013
Project Type: Operation Area Project Description:	38 Road East County Widen Sund	Time Frame (Years): / dial Road north of Swigert Way.	5 years	Year of Cost Estimate: Federal: State: City: SDC:	2013
Project Type: Operation Area Project Description:	38 Road East County Widen Sund	Time Frame (Years):	5 years	Year of Cost Estimate: Federal: State: City: SDC:	2013
Project Type: Operation Area Project Description:	38 Road East County Widen Sund Accommodatraffic.	Time Frame (Years): / dial Road north of Swigert Way.	5 years	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	2013
Project Type: Operation Area Project Description: Purpose:	38 Road East County Widen Sund Accommodatraffic.	Time Frame (Years): / dial Road north of Swigert Way.	5 years	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	2013
Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	38 Road East County Widen Sund Accommodatraffic. 101659 11190	Time Frame (Years): / dial Road north of Swigert Way.	5 years	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	2013
Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	38 Road East County Widen Sund Accommodatraffic. 101659 11190	Time Frame (Years): / dial Road north of Swigert Way. ate Troutdale Reynolds Industr	5 years	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: Recent Study:	38 Road East County Widen Sund Accommodatraffic. 101659 11190 Regional Le	Time Frame (Years): / dial Road north of Swigert Way.	5 years	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	2013

Project Name: Reynolds Site Road Access Phase 3

Map ID: 39 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:	40 Time Frame (Years): 5 years	<u>Total Cost:</u>	\$3,359,259
Project Type:	Road	Year of Cost Estimate:	2011
Operation Area	PDX/PIC	Federal:	\$3,014,263
Project Description:	Construct right turn lane on Columbia at MLK.	State:	4 0,0,200
			# 000 544
		City:	\$230,541
Purpose:	Improve connectivity for freight traffic between Columbia	SDC:	
	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)	Other:	
	Regional Leadership in Transportation	<u>Unfunded:</u>	
RTP 2040 Illustra	_	Estimate Rating:	
Project Name:	I-5/Columbia Blvd. Improvement		
Map ID:	Time Frame (Years): 10 years	Total Cost:	\$51,773,032
Map ID: Project Type:	Time Frame (Years): 10 years Road	Year of Cost	
•		Year of Cost Estimate:	\$51,773,032 2006
Project Type: Operation Area	Road PDX/PIC	Year of Cost Estimate: Federal:	
Project Type: Operation Area	Road PDX/PIC Construct a full interchange at Columbia Blvd. or the functional equivalent. Includes three projects Delta Park	Year of Cost Estimate: Federal: State:	
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 Park Phase II and III and Argyle on the Hill.	Year of Cost Estimate: Federal: State:	
Project Type: Operation Area Project Description:	Road PDX/PIC Construct a full interchange at Columbia Blvd. or the functional equivalent. Includes three projects Delta Park	Year of Cost Estimate: Federal: State: City:	
Project Type: Operation Area Project Description:	Road PDX/PIC 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	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 Park Phase II and III and Argyle on the Hill. Improve connections between Columbia Blvd. and I-5 for 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 Park Phase II and III and Argyle on the Hill. Improve connections between Columbia Blvd. and I-5 for 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 Park Phase II and III and Argyle on the Hill. Improve connections between Columbia Blvd. and I-5 for trucks. 10219, 10874 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 Park Phase II and III and Argyle on the Hill. Improve connections between Columbia Blvd. and I-5 for trucks. 10219, 10874 I-5 Delta Park Environmental Assessment (2006) Regional Leadership in Transportation	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:	42 Time F	Frame (Years):	5 years	<u>Total Cost:</u>	\$1,000,000
Project Type:	Rail			Year of Cost	2007
Operation Area	PDX/PIC			Estimate:	2007
Project Description:	If feasible, eliminate t	the at-grade crossing	and improve	<u>Federal:</u>	
	alternate roadway acc			State:	
				City:	
Purpose:	Improve Kenton Main	nline operation and eli	minate a mod		
	conflict.			Port Share Committed:	
JDE NUM:				<u>Port Share</u> <u>Forecasted:</u>	
RTP Related:	10334			<u>r orecasted:</u> <u>Private:</u>	
Recent Study:				Other:	
Port Strategic Area:	Pagional Landarship	in Transportation		<u> </u>	\$1,000,000
RTP 2040 Illustra		Conditioned Pro	iect	Estimate Rating:	, , ,
RTP 2040 Constr		Identified in STIF	-		
Project Name:	Columbia Blvo	d. Widening (8	2nd Ave	60th Ave.)	
Map ID:	43 Time F	Frame (Years):	20 years	Total Cost:	#4E 000 000
Project Type:	Road				\$15,000,000
	riodd			Year of Cost	2003
Operation Area	PDX/PIC			Year of Cost Estimate:	
Operation Area Project Description:	PDX/PIC	d. to five lanes.		Year of Cost Estimate: Federal:	
-	PDX/PIC	d. to five lanes.		Year of Cost Estimate: Federal: State:	
-	PDX/PIC	d. to five lanes.		Year of Cost Estimate: Federal: State: City:	
Project Description:	PDX/PIC		a Blvd.	Year of Cost Estimate: Federal: State: City: SDC: Port Share	
Project Description:	PDX/PIC Widen Columbia Blvc		a Blvd.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed:	
Project Description:	PDX/PIC Widen Columbia Blvc		a Blvd.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Project Description: Purpose:	PDX/PIC Widen Columbia Blvc Address system bottl		a Blvd.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed:	
Project Description: Purpose: JDE NUM: RTP Related:	PDX/PIC Widen Columbia Blvc Address system bottl	leneck along Columbi oard Connector Study	a Blvd.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	
Project Description: Purpose: JDE NUM: RTP Related:	PDX/PIC Widen Columbia Blvc Address system bottl 10376 East Columbia-Lomb Transportation Analys	leneck along Columbi pard Connector Study sis (2000)	a Blvd.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	
Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	PDX/PIC Widen Columbia Blvc Address system bottle 10376 East Columbia-Lomb Transportation Analys Regional Leadership	leneck along Columbi pard Connector Study sis (2000)		Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2003

Project Name: PDX Transportation Demand Management (TDM)

Map ID:	44 Time Fr	ame (Years):	5 years	Total Cost:	
Project Type:	Other			Year of Cost Estimate:	
Operation Area	PDX/PIC			Federal:	
Project Description:	Implement strategies a reduce auto trips in the	t PDX and PIC prope airport area. Progra	erties that ams to be	State:	
	undertaken with other a maximize effectiveness	area businesses/dev	elopers to	City:	
	transportation manage		allori li li ougii a	SDC:	
Purpose:	Fulfill TDM requirement TDM projects and prog Alternative Modes Stud	rams recommended		Port Share Committed:	
JDE NUM:				Port Share	
				Forecasted:	
RTP Related:				<u>Private:</u>	
Recent Study:	PDX Employee TDM Pr	ogram Study (2002)		Other:	
Port Strategic Area:	Regional Leadership in	Transportation		<u>Unfunded:</u>	
RTP 2040 Illustra	ative \Box	Conditioned Proj	ect <u>Es</u>	timate Rating:	
RTP 2040 Constr	rained	Identified in STIP			
Project Name:		_ane NB			
Map ID:	45 Time Fr	ame (Years):	20 years	Total Cost:	\$6,700,000
Project Type:	Road			Year of Cost Estimate:	2013
Operation Area	PDX/PIC			<u>Federal:</u>	
Project Description:		I-84 to I-205 NB bet	ore Columbia	<u>r ederar.</u> State:	
	Blvd.			<u>City:</u>	
				_	
Purpose:	Provide additional capa	acity for anticipated	growth in area	SDC:	
	traffic.			Port Share Committed:	
JDE NUM:	810022			Port Share Forecasted:	
RTP Related:	11398			Private:	
Recent Study:	ODOT Bottleneck Stud	y (2013)		Other:	
Port Strategic Area:	: Regional Leadership in	Transportation		<u>Unfunded:</u>	\$6,700,000
RTP 2040 Illustra		Conditioned Proj	_{ect} Es	timate Rating:	
RTP 2040 Constr		Identified in STIP			

Project Name: <u>SW Quad Access</u>

Map ID:	40 Time	Frame (Years):	10 years	<u>Total Cost:</u>	\$5,917,500
Project Type:	Road			Year of Cost Estimate:	2007
Operation Area	PDX/PIC			<u>Federal:</u>	
Project Description:	Provide street acces	s from 33rd Ave. into S	SW Quad.	State:	
				City:	
_				SDC:	
Purpose:	Provide efficient mov properties.	ement of traffic to dev	veloping PDX	Port Share Committed:	
JDE NUM:	100757			Port Share	
RTP Related:				Forecasted:	
		Master Dies (0000)		<u>Private:</u>	
necent Study.	PDX Conditional Use	e Master Plan (2003)		Other:	
Port Strategic Area:	Regional Leadership	in Industrial Land		<u>Unfunded:</u>	\$5,917,500
RTP 2040 Illustra	ative	Conditioned Pro	ject	Estimate Rating: 3c	
RTP 2040 Consti	rained	Identified in STIF	P		
Project Name:	Airport Way E	raided Ramps	<u>3</u>		
Map ID:	47 Time	Frame (Years):	20 years	Total Cost:	\$59,000,000
Project Type:	Road			Year of Cost Estimate:	2007
Operation Area	PDX/PIC			Federal:	
Project Description:	Construct braided ra	mps between the I-20	5 interchange	State:	
	and Cascade Interch	lange.		City:	
				SDC:	
Purpose:	Maintain safety and interchanges.	capacity of Airport Wa	y and	Port Share Committed:	
JDE NUM:	101007			Port Share	
				Forecasted:	
RTP Related:				Private:	
Recent Study:	PDX Airport Way RO	W Concept (1999)		Other:	
Port Strategic Area:	Retain and Grow Ke	y Services		<u>Unfunded:</u>	\$59,000,000
RTP 2040 Illustra	_	Conditioned Pro	ject	Estimate Rating: 3c	
RTP 2040 Consti	rained	Identified in STIF	P		

Project Name: Alternative Fuels Station

Map ID:	48 T	ime Frame	e (Years):	5 years	Total Cost:	\$1,000,000
Project Type:	Other				Year of Cost	2001
Operation Area	PDX/PIC				<u>Estimate:</u> <u>Federal:</u>	2001
Project Description:	Construct a PI	X alternative f	fuels station.		<u>r ederar.</u> State:	
					<u>City:</u>	
					SDC:	
Purpose:	Provide refueli CNG vehicles. fleets to CNG	Encourage ai	rport business			
		·			Port Share	
JDE NUM:					Forecasted:	
RTP Related:					Private:	
Recent Study:					Other:	
Port Strategic Area:	Portwide Envir	onmental Stra	itegy		<u>Unfunded:</u>	\$1,000,000
RTP 2040 Illustra	tive	☐ Con	nditioned Pro	ject	Estimate Rating: 30	
RTP 2040 Consti	rained	Ider	ntified in STIF	•		
Project Name:	SW Quad	Drainage	e Improve	ements		
Map ID:	49 T	ime Frame	e (Years):	5 years	Total Cost:	\$1,250,000
Project Type:	Other				Year of Cost	2008
Operation Area	PDX/PIC				Estimate:	2000
Project Description:	Drainage impr	ovements in S	W Quad through	gh	<u>Federal:</u>	
	modifications increasing the	o the existing	drainage char	nnels and	State:	
	_			·	<u>City.</u>	
Purpose:	Provide additional airport traffic.	nal capacity f	or anticipated	growth in	SDC: Port Share	
					<u>Committed:</u> Port Share	
JDE NUM:	101625				Forecasted:	\$1,250,000
RTP Related:					Private:	
Recent Study:					<u>r mvate.</u>	
Port Strategic Area:	Regional Lead				Other:	
DTD 0040 IIIstus		ership in Indu	strial Land			
RTP 2040 Illustra		<u> </u>	strial Land	ject	Other:	

Project Name: Widen APW Outbound East of 82nd

Map ID:	50 Time	e Frame (Years):	10 years	Total Cost:	\$3,335,000
Project Type:	Road			Year of Cost	2010
Operation Area	PDX/PIC			Estimate:	2010
Project Description:	Add New Lane.			<u>Federal:</u>	
				State:	
				<u>City:</u>	
Purpose:		capacity for anticipated	growth in	SDC:	
	passenger traffic.			Port Share Committed:	
JDE NUM:	101228			Port Share Forecasted:	\$3,335,000
RTP Related:				<u>Private:</u>	
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	oject	Estimate Rating: 3c	
RTP 2040 Consti	rained	☐ Identified in STII	P		
Project Name:					•
Map ID:		e Frame (Years):	10 years	<u>Total Cost:</u> <u>Year of Cost</u>	\$2,976,000
Project Type:	Road			Estimate:	2010
•	PDX/PIC			<u>Federal:</u>	
Project Description:	Add New Lane.			State:	
				<u>City:</u>	
Purpose:	Provide additional	capacity for anticipated	arowth in	SDC:	
•	passenger traffic.		9	Port Share Committed:	
JDE NUM:	101466			Port Share Forecasted:	\$2,976,000
RTP Related:	11657			<u>Porecasted.</u> <u>Private:</u>	φ <u>υ</u> ,σ. σ,σσσ
Recent Study:	PDX Airport Future	es 2010 Master Plan		Other:	
Port Strategic Area:	Retain and Grow l	Kay Sanjicas		<u> </u>	
RTP 2040 Illustra		Conditioned Pro	oject	Estimate Rating:	
RTP 2040 Consti	rained	☐ Identified in STII	-	- '	

Project Name: Deplaning Curbside Roadway Loading

Map ID:	52 Tin	ne Fram	ne (Years):	10 y	ears	Total Cost:	\$324,000
Project Type:	Road					Year of Cost Estimate:	2010
Operation Area	PDX/PIC					<u>Estimate.</u> <u>Federal:</u>	2010
Project Description:	Add New Lane.					<u>rederal.</u> State:	
						· · · · · · · · · · · · · · · · · · ·	
						<u>City:</u>	
Purpose:	Provide additional		/ for anticipate	d growth	ı in	SDC:	
	passenger traffic					Port Share Committed:	
JDE NUM:	101467					Port Share Forecasted:	\$324,000
RTP Related:	11657					<u>Private:</u>	
Recent Study:	PDX Airport Futu	res 2010 N	Master Plan			Other:	
Port Strategic Area:	Retain and Grow	/ Kev Serv	ices			<u>Unfunded:</u>	
RTP 2040 Illustra			onditioned Pr	oject	<u> </u>	Estimate Rating:	
RTP 2040 Constr	rained	□ Id	entified in ST	IP			
Project Name:	Airport Way	y West	bound Ap	proac	ching	Return Road	
Map ID:	53 Tin	ne Fram	ne (Years):	10 y	ears	Total Cost:	\$1,080,000
Project Type:	Road					Year of Cost Estimate:	2010
Operation Area	PDX/PIC					<u>Estimate.</u> <u>Federal:</u>	2010
Project Description:	Add New Lane.					<u>r ederar.</u> State:	
						<u>State.</u> <u>City:</u>	
						SDC:	
Purpose:	Provide additional passenger traffic		/ for anticipate	d growth	ı in	Port Share Committed:	
						Port Share	
JDE NUM:						Forecasted:	\$1,080,000
RTP Related:						<u>Private:</u>	
Recent Study:	PDX Airport Futu	res 2010 N	Master Plan			Other:	
Port Strategic Area:	Retain and Grow	Key Serv	ices			<u>Unfunded:</u>	
RTP 2040 Illustra	ative	☐ C	onditioned Pr	oject	ļ	Estimate Rating:	
RTP 2040 Constr	rained	Id	entified in ST	IP			

Project Name: Terminal Exit Roadway at P. O. Curves

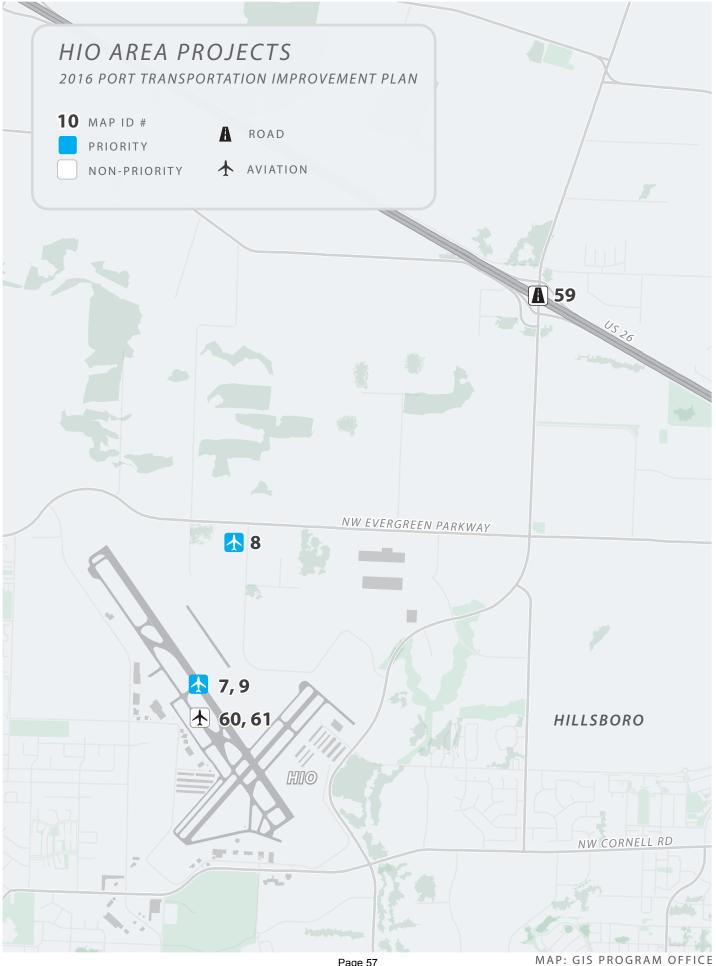
Map ID:	54 Time	e Frame (Years):	10 years	Total Cost:	\$1,500,000
Project Type:	Road			Year of Cost	2010
Operation Area	PDX/PIC			Estimate:	2010
Project Description:	Add New Lane.			<u>Federal:</u>	
				State:	
				City:	
Purpose:		capacity for anticipated	growth in	SDC:	
	passenger traffic.			Port Share Committed:	
JDE NUM:	101472			<u>Port Share</u> <u>Forecasted:</u>	\$1,500,000
RTP Related:	11655			<u>Private:</u>	
Recent Study:	PDX Airport Future	es 2010 Master Plan		Other:	
Port Strategic Area:	Retain and Grow h	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 Pa	arking Pl	aza	
Map ID:	55 Time	e Frame (Years):	10 years	Total Cost:	\$1,104,000
Project Type:	Road			Year of Cost Estimate:	2010
Operation Area	PDX/PIC			<u>Federal:</u>	
Project Description:	Add New Lane.			<u>rederui:</u> State:	
				<u>City:</u>	
				SDC:	
Purpose:	Provide additional passenger traffic.	capacity for anticipated	growth in	Port Share	
	paesenger tramer			Committed:	
JDE NUM:	101473			Port Share	#1 101 000
RTP Related:	11655			Forecasted:	\$1,104,000
Recent Study:	PDX Airport Future	es 2010 Master Plan		<u>Private:</u> <u>Other:</u>	
				<u>Other:</u> <u>Unfunded:</u>	
Port Strategic Area:			_		
RTP 2040 Illustra		☐ Conditioned Pro	-	Estimate Rating:	
RTP 2040 Consti	rained	Identified in STII	۲		

Project Name: Mitigation Land Bank

Map ID:	56 Time I	Frame (Years):	5 years	Total Cost:	
Project Type:	Other			Year of Cost	
Operation Area	PDX/PIC			Estimate:	
Project Description:	Plan for, purchase, a	nd develop a site for u	ıse as a	<u>Federal:</u>	
	mitigation bank.			State:	
				<u>City:</u>	
Purpose:		ironmental mitigation t		SDC:	
	transportation and ot	her development proje	ects.	Port Share Committed:	
JDE NUM:				Port Share Forecasted:	
RTP Related:				<u>Private:</u>	
Recent Study:				Other:	
Port Strategic Area:	Dortuido Environmen	atal Ctratagu		<u> </u>	
RTP 2040 Illustra	_	Conditioned Proj	iect	Estimate Rating:	
RTP 2040 Constr		Identified in STIP		<u>=====================================</u>	
Project Name:		Marine Drive In	<u>itersectio</u>	on Improvements	
Map ID:	57 Time I	Frame (Years):	5 years	Total Cost:	\$5,760,643
Project Type:	Road			Year of Cost Estimate:	2013
Operation Area	PDX/PIC			<u>Federal:</u>	
Project Description:	Signalize the intersect Drive.	ction of NE 33rd Avenu	ie and Marine	State:	
	Drive.			City:	
_				SDC:	
Purpose:	Improve safety and a incorporate bike and	ccess for 33rd Avenue ped facilities as well.	e. May	Port Share	
	·			Committed:	
JDE NUM:				Port Share	
RTP Related:	10337			Forecasted: Private:	
Recent Study:	PDX Airport Futures 2	2010 Master Plan		<u>i iivate.</u>	
Dort Stratagia Aras	Destruction	*- T		Other:	
Port Strategic Area: RTP 2040 Illustra	<u> </u>	ın ıransportation		<u>Other:</u> Unfunded:	\$5 760 643
nir 2040 illustra		Conditioned Proj	iect	Other: Unfunded: Estimate Rating:	\$5,760,643

Project Name: Alderwood Street Bikeway

Map ID:	58 Time Fr	ame (Years):	5 years	Total Cost:	\$561,200
Project Type:	Bike/Ped			Year of Cost Estimate:	2013
Operation Area	PDX/PIC			<u>Federal:</u>	
Project Description:	Provide bike lanes on A Blvd. and the Alderwood		veen Columbia	State:	
				<u>City:</u>	
Purpose:	Improve safety and pro	ovide better separatio	n from motor	SDC:	
1.2.4	vehicle traffic.			Port Share Committed:	
JDE NUM:				Port Share Forecasted:	
RTP Related:	10338			Private:	
Recent Study:	2014 Airport Bike and F	Pedestrian Master Pla	an	Other:	
Port Strategic Area:	Regional Leadership in	n Transportation		<u>Unfunded:</u>	\$561,200
RTP 2040 Illustra	itive	Conditioned Proje	ect <u>Es</u>	stimate Rating:	
RTP 2040 Constr	ained	Identified in STIP			

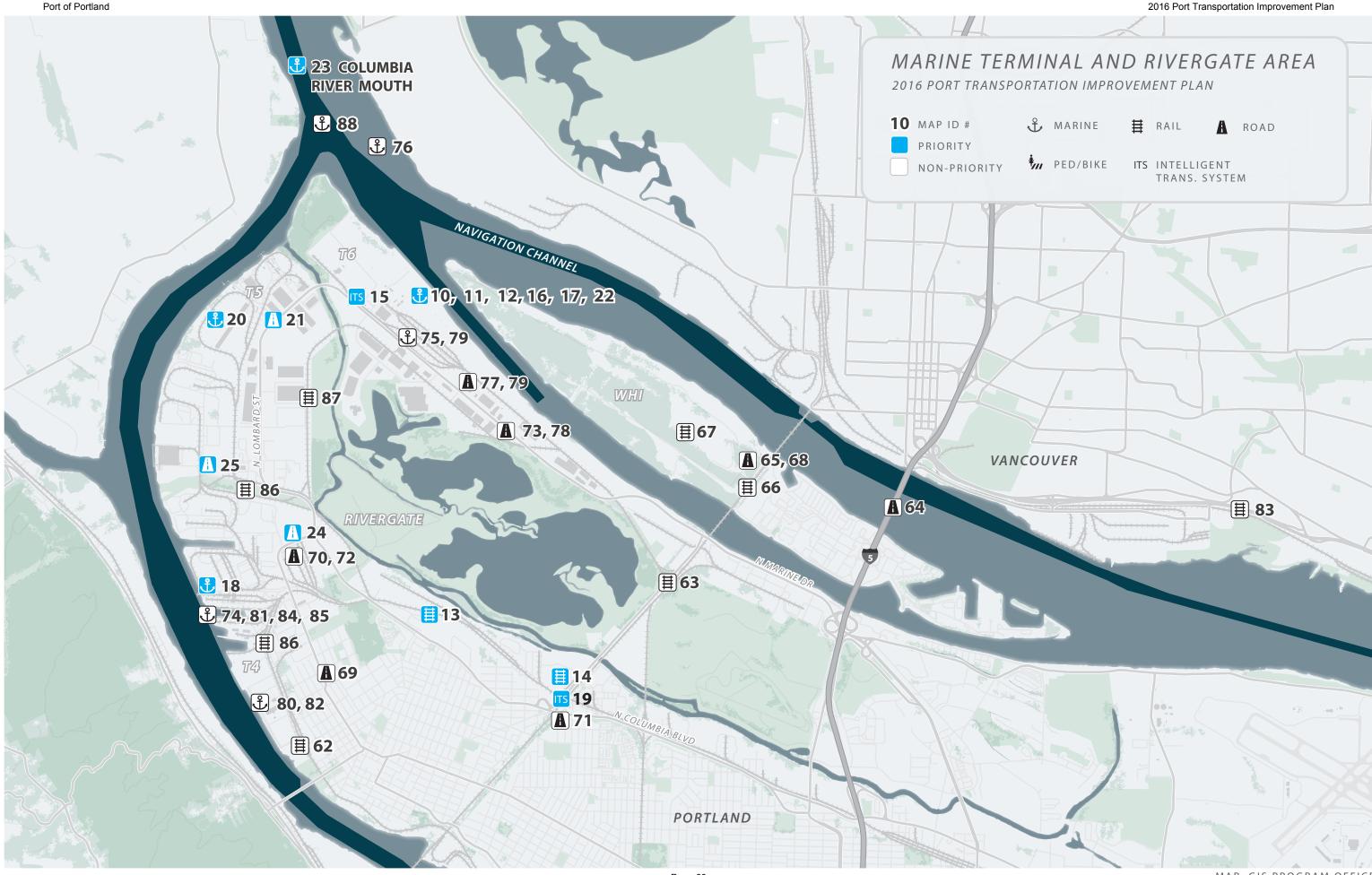


Project Name: Brookwood Parkway/Hwy 26 Interchange Improvements

Map ID:	59	Time Frame (Years):	5 years	Total Cost:	\$45,000,000
Project Type:	Road			Year of Cost	2009
Operation Area	Hillsboro			Estimate:	2009
Project Description:	Construct a	new westbound to southboun	d loop ramp at	<u>Federal:</u>	* 45 000 000
		nge to serve Brookwood Parkv Irby local roads.	way. Realign and		\$45,000,000
		,		<u>City:</u>	
Purpose:	Improve acc	ess to HIO and area industry.		SDC:	
				Port Share Committed:	
JDE NUM:				Port Share Forecasted:	
RTP Related:	11178			<u>Private:</u>	
Recent Study:				Other:	
Port Strategic Area:	Regional Le	adership in Transportation		<u>Unfunded:</u>	
RTP 2040 Illustra		☐ Conditioned Pro	oject <u>E</u>	stimate Rating:	
RTP 2040 Consti	ained	✓ Identified in STI	Р		
Project Name:	HIO Wa	sh Racks			
Map ID:	60	Time Frame (Years):	5 years	Total Cost:	\$620,100
Project Type:	Aviation			Year of Cost	2010
Operation Area	Hillsboro			Estimate:	2010
Project Description:	Construct ne	ew wash racks for tenant and i	itinerant aircraft	<u>Federal:</u>	
	washing with out of storm	n pollution control system to k	eep wash water	State:	
		•		<u>City:</u>	
Purpose:	Improve env	rironmental performance at the	e airport.	SDC:	
				Port Share Committed:	
JDE NUM:	100646			Port Share Forecasted:	
RTP Related:				<u>i orecastea.</u>	
Recent Study:				<u>Private:</u>	
Port Strategic Area				<u>Private:</u> <u>Other:</u>	
	Portwide En	vironmental Strategy			\$620,100
RTP 2040 Illustra		vironmental Strategy Conditioned Pro	oject <u>E</u>	Other:	\$620,100

Project Name: HIO Taxiway to NW Corporate Center

Map ID:	Time Frame (Years): 5 years	Total Cost:	\$1,050,000
Project Type:	Aviation	Year of Cost Estimate:	2009
Operation Area	Hillsboro	<u>Federal:</u>	
Project Description:	Construct a taxiway to serve new tenant leasehold development.	State:	
		<u>City:</u>	
Purpose:	New tenant development in the area behind the HIO ATCT	SDC:	
·	will require airside infrastructure.	Port Share Committed:	
JDE NUM:	100657	Port Share Forecasted:	
RTP Related:		Private:	
Recent Study:		Other:	
Port Strategic Area:	Retain and Grow Key Services	<u>Unfunded:</u>	\$1,050,000
RTP 2040 Illustra	tive Conditioned Project <u>E</u>	stimate Rating:	
RTP 2040 Constr	rained Identified in STIP		



Project Name: Cathedral Park Quiet Zone

Map ID:	62 Time Frame (Years): 5	years <u>Total Cost:</u> \$8,200,00	0
Project Type:	Rail	Year of Cost Estimate: 2007	7
Operation Area	Rivergate	Estimate: 2007 Federal:	,
Project Description:	Address rail switching noise by improving multip	ble public	
	rail crossings in the St. Johns Cathedral Park are	ea. <u>State.</u> <u>City:</u>	
		SDC:	
Purpose:	To allow auto import operations to continue to gr Portland and improve neighborhood livability.	row in N. Port Share	
	Tottand and improve neighborhood livability.	Committed:	
JDE NUM:	810051	<u>Port Share</u> <u>Forecasted:</u>	
RTP Related:	10375	<u>Private:</u>	
Recent Study:	Cathedral Park Whistle Free Zone Strategic Option Parametrix (2007)	ons, Other:	
Port Strategic Area:	Retain and Grow Key Services	<u>Unfunded:</u> \$8,200,00	0
RTP 2040 Illustra	tive Conditioned Project	Estimate Rating:	
RTP 2040 Constr	rained Identified in STIP		
Project Name:	North Portland Junction		
Map ID:	63 Time Frame (Years): 10	years <u>Total Cost:</u> \$9,160,00	0
Project Type:	Rail	Year of Cost Estimate: 2003	3
Operation Area	Rivergate	<u>Federal:</u>	_
Project Description:	Upgrade railroad with revised crossovers, centra	alized State:	
	traffic control tie-in and increased turning radius.	<u>City:</u>	
		SDC:	
Purpose:	Accommodate higher rail speeds at the junction provides greater capacity.	which Port Share	
	provided greater expansity.	Committed:	
JDE NUM:		Port Share	
RTP Related:		Forecasted:	
	I-5 Rail Capacity Study (HDR, 2003)	Forecasted: Private:	
Recent Study:	I-5 Rail Capacity Study (HDR, 2003)	Forecasted: Private: Other:	0
Recent Study:	I-5 Rail Capacity Study (HDR, 2003) Regional Leadership in Transportation	Forecasted: Private:	0

Project Name: <u>I-5 Columbia River Crossing</u>

Map ID:	64 Time Frame	e (Years):	10 years	Total Cost:	\$2,982,000,000
Project Type:	Road			Year of Cost	2002
Operation Area	Rivergate			Estimate:	2002
Project Description:	Increase the number of lane	s and add transi	it capacity	<u>Federal:</u>	
	across the river.			State:	
				City:	
Purpose:	Increase multi-modal capac	ity across the Co	olumbia Rive		
	and relieve congestion.			Port Share Committed:	
JDE NUM:				Port Share Forecasted:	
RTP Related:	10893			Private:	
Recent Study:	I-5 Transportation and Trade Strategic Plan (2002)	e Partnership Fin	al	Other:	
Port Strategic Area:	Regional Leadership in Tran	sportation		<u>Unfunded:</u>	\$2,982,000,000
RTP 2040 Illustra	tive	nditioned Proje	ect	Estimate Rating:	
RTP 2040 Constr	ained 🗸 Ide	ntified in STIP			
Project Name:	N. Hayden Island I	<u>Drive</u>			
Map ID:	65 Time Frame	e (Years):	10 years	Total Cost:	\$12,000,000
Project Type:				Year of Cost Estimate:	2012
Operation Area	Rivergate			<u>Estimate.</u> <u>Federal:</u>	20.2
Project Description:	Reconstruct N. Hayden Islar	nd Drive.		State:	
				City:	
				SDC:	
Purpose:	Provide improved access to	West Hayden Is	land.	Port Share	
				Committed:	
JDE NUM:	102151			Port Share Forecasted:	
RTP Related:	11632			Private:	
Recent Study:	West Hayden Island Concep	ot Plan 2012		Other:	
Port Strategic Area:	Retain and Grow Key Servic	es		<u>Unfunded:</u>	\$12,000,000
RTP 2040 Illustra		ាditioned Proje	ect	Estimate Rating:	
RTP 2040 Constr		ntified in STIP		_	

Project Name: West Hayden Island Rail Access

Map ID:	66 Time	e Frame (Years)	10	years	Total Cost:	\$3,000,000
Project Type:	Rail				Year of Cost Estimate:	
Operation Area	Rivergate				<u>Estimate.</u> <u>Federal:</u>	
Project Description:	Rail access from the	ne mainline to suppo	rt West I	Hayden	<u>r ederar.</u> State:	
	Island developmer	nt.			<u>City:</u>	
					SDC:	
Purpose:	Advance rail-depe	ndent development.			Port Share	
					Committed:	
JDE NUM:	100348				Port Share	
RTP Related:	11353				<u>Forecasted:</u> <u>Private:</u>	
Recent Study:	West Hayden Islan	nd Concept Plan 2012	2		Other:	
Port Strategic Area:	Retain and Grow k	Kev Services			<u>Unfunded:</u>	\$3,000,000
RTP 2040 Illustra		☐ Conditioned I	Project		Estimate Rating:	
RTP 2040 Constr	ained	Identified in S	TIP		_	
Project Name:	West Hayde	<u>in Island Rail '</u>	<u>rard</u>			
	0.7					
Map ID:	67 Time	e Frame (Years)	10	years	Total Cost:	\$9,500,000
Project Type:	67 Time	e Frame (Years)	10	years	<u>Total Cost:</u> <u>Year of Cost</u> <u>Estimate:</u>	\$9,500,000
Project Type: Operation Area	Rail Rivergate	,			Year of Cost	\$9,500,000
Project Type:	Rail Rivergate	,			Year of Cost Estimate:	\$9,500,000
Project Type: Operation Area	Rail Rivergate	,			Year of Cost Estimate: Federal:	\$9,500,000
Project Type: Operation Area Project Description:	Rail Rivergate Construct rail yard	d connected to facility	[,] trackaç	ge.	Year of Cost Estimate: Federal: State:	\$9,500,000
Project Type: Operation Area Project Description:	Rail Rivergate Construct rail yard	,	[,] trackaç	ge.	Year of Cost Estimate: Federal: State: City:	\$9,500,000
Project Type: Operation Area Project Description:	Rail Rivergate Construct rail yard Advance rail devel	d connected to facility	[,] trackaç	ge.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	\$9,500,000
Project Type: Operation Area Project Description: Purpose:	Rail Rivergate Construct rail yard Advance rail devel	d connected to facility	[,] trackaç	ge.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	\$9,500,000
Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	Rail Rivergate Construct rail yard Advance rail devel	d connected to facility	r trackag	ge.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	\$9,500,000
Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Rail Rivergate Construct rail yard Advance rail devel 100348 11354 West Hayden Islan	d connected to facility opment on West Hay	r trackag	ge.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	\$9,500,000 \$9,500,000
Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	Rail Rivergate Construct rail yard Advance rail devel 100348 11354 West Hayden Islan Retain and Grow k	d connected to facility opment on West Hay	r trackag den Isla	ge.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	

Project Name: West Hayden Island Interior Access Road

Map ID:	68 Time	e Frame (Years):	10 years	Total Cost:	\$13,600,000
Project Type:				Year of Cost	2010
Operation Area	Rivergate			<u>Estimate:</u>	2012
Project Description:	Construct interior r	oadway including rail oy	verpass and	<u>Federal:</u>	
, .	berth access.	caarray molaamig ramor	orpaes arra	<u>State:</u>	
				<u>City:</u>	
Purpose:	Provide roadway fo	or new West Hayden Isla	and terminal.	SDC:	
·				Port Share Committed:	
JDE NUM:				Port Share	
RTP Related:				<u>Forecasted:</u> <u>Private:</u>	
Recent Study:	West Hayden Islar	nd Concept Plan 2012		Other:	
David Olympia dia Assa				<u>Unfunded:</u>	\$13,600,000
Port Strategic Area:				Estimate Rating:	φ13,000,000
RTP 2040 Illustra RTP 2040 Constr		☐ Conditioned Pro☐ Identified in STII	•	Estillate hatting.	
Project Name: Map ID:				Total Coats	# 0.040.000
•		e Frame (Years):	5 years	<u>Total Cost:</u> <u>Year of Cost</u>	\$3,346,000
Project Type:	Road			Estimate:	2005
Operation Area	Rivergate			<u>Federal:</u>	\$3,002,365
Project Description:	Improvements cou	uld include restriping, cu an and bicycle amenitie	rb extensions s on Lombard	State:	
	St. that do not imp	pede truck movement, as vements and signalizatio	s well as	<u>City:</u>	\$343,635
Durmaga				SDC:	
Purpose:		vement and minimize co estrians between Philade er Park.		Port Share Committed:	
JDE NUM:				Port Share	
RTP Related:	10182			Forecasted:	
Recent Study:		rategy Report & Recomr	mendation	<u>Private:</u> <u>Other:</u>	
Dort Stratagia Aras	(2001)	eta ta Tarana e e e		<u>Unfunded:</u>	
Port Strategic Area: RTP 2040 Illustra		nip in Transportation Conditioned Pro	iect	Estimate Rating:	
RTP 2040 Constr		Identified in STII	•		

Project Name: Lombard Bridge Replacement

Map ID:	70 Time	Frame (Years):	5 years	Total Cost:	\$6,000,000
Project Type:	Road			Year of Cost	2006
Operation Area	Rivergate			Estimate:	2000
Project Description:	Replace the bridge	over the St. Johns Lead	d.	<u>Federal:</u>	
				State:	
				City:	
Purpose:		lern bridge that will also	allow for an		
	additional rail lead t	o Terminal 4.		Port Share Committed:	
JDE NUM:				<u>Port Share</u> <u>Forecasted:</u>	
RTP Related:				<u>Private:</u>	
Recent Study:	Terminal 4 Modernia	zation Study (2006)		Other:	
Port Strategic Area:	Retain and Grow Ke	av Sanjicas		<u>Unfunded:</u>	\$6,000,000
RTP 2040 Illustra		Conditioned Pro	iect	Estimate Rating:	
RTP 2040 Constr	rained	✓ Identified in STIF	•		
Project Name: Map ID:		/d./Portland Rd Frame (Years):	. Interse 5 years	ction Improvemer Total Cost:	<u>\$1,214,000</u>
Project Type:	Road	Trame (rears).	J years	Year of Cost	φ1,214,000
Operation Area	Rivergate			Estimate:	2006
-	o .			<u>Federal:</u>	
Project Description:	Redesign could incl channelization, sign	ude realignment of trav alization, signing or ne	vel lanes, w sidewalks	<u>State:</u>	\$538,380
	and curbs.			<u>City:</u>	
Purpose:	Reinforce through tr	ruck movements on mir	nor and maio	SDC:	
	truck streets (Portlan	nd Rd. and Columbia B izing neighborhood cut	Blvd.	Port Share	
JDE NUM:				Port Share	
RTP Related:	10229			<u>Forecasted:</u> <u>Private:</u>	
Recent Study:	St. Johns Truck Stra (2001)	ategy Report & Recomn	nendation	Other:	
Port Strategic Area:	,	p in Transportation		<u>Unfunded:</u>	\$675,620
RTP 2040 Illustra		Conditioned Pro	ject	Estimate Rating:	
RTP 2040 Constr	rained	✓ Identified in STIF	•		

Project Name: North Burgard/Lombard Street Improvements

Map ID:	72 T	Γime Frame (Years)	: 5	years	Total Cost:	\$14,588,000
Project Type:	Road				Year of Cost Estimate:	2009
Operation Area	Rivergate				<u>Federal:</u>	
Project Description:	Widen Burgare	d to 3 Lanes with bike land	es and s	idewalk	State:	
					<u>City:</u>	
Dumaga					SDC:	
ruipose.	improve freigr	nt mobility, safety and indu	istriai siti	e acces	Port Share Committed:	
JDE NUM:					Port Share	
RTP Related:	10214				Forecasted:	
Recent Study:	10211				Private:	
.					Other:	
Port Strategic Area:	Regional Lead				<u>Unfunded:</u>	\$14,588,000
RTP 2040 Illustra		☐ Conditioned F	•		Estimate Rating:	
RTP 2040 Constr	ained	☐ Identified in S	HP			
Project Name:	Marine D	r. Improvement F	<u>hase</u>	2		
Map ID:	73 T	Γime Frame (Years)	20	years	Total Cost:	\$13,644,200
Project Type:	Road					
	riodd				Year of Cost	
Operation Area	Rivergate				Estimate:	2003
-	Rivergate	overcrossing on Marine D	r.		<u>Estimate:</u> <u>Federal:</u>	
Operation Area Project Description:	Rivergate	overcrossing on Marine D	r.		Estimate: Federal: State:	
-	Rivergate	overcrossing on Marine D	r.		Estimate: Federal: State: City:	
Project Description:	Rivergate		r.		Estimate: Federal: State: City: SDC:	
Project Description:	Rivergate Construct rail		r.		Estimate: Federal: State: City:	
Project Description:	Rivergate Construct rail		r.		Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Project Description: Purpose:	Rivergate Construct rail Avoid road/rai		r.		Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	
Project Description: Purpose: JDE NUM:	Rivergate Construct rail Avoid road/rai		r.		Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	
Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Rivergate Construct rail Avoid road/rail	il conflict.	r.		Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2003
Project Description: Purpose: JDE NUM: RTP Related:	Rivergate Construct rail Avoid road/rai 10379 Regional Lead	il conflict.			Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	\$13,644,200

Project Name: Willamette River Channel Deepening

Map ID:	74 Ti	me Frame (Years):	10 years	Total Cost:	\$200,000,000
Project Type:	Marine			Year of Cost Estimate:	
Operation Area	Rivergate			<u>Federal:</u>	
Project Description:	Deepen the por	tions of the Willamette Riv	er with deep	draft State:	
	infrastructure to	-43' where appropriate.		<u>City:</u>	
_				SDC:	
Purpose:		ette River terminals to also s new controlling depth.	benefit from	Port Share Committed:	
JDE NUM:				Port Share	
RTP Related:				Forecasted:	
Recent Study:				<u>Private:</u>	
necent Study.				<u>Other:</u>	
Port Strategic Area:	Regional Leade	ership in Transportation		<u>Unfunded:</u>	\$200,000,000
RTP 2040 Illustra		Conditioned Pro	•	Estimate Rating:	
RTP 2040 Constr	rained	☐ Identified in ST	Р		
Project Name:	Terminal 6	6 Honda Rail Exte	<u>nsion</u>		
Map ID:	75 Ti	me Frame (Years):	10 years	Total Cost:	\$1,000,000
Project Type:	Marine			Year of Cost	2009
Operation Area	Rivergate			Estimate:	2009
Project Description:	Extend current r	ail yard in order to provide	e more capac	Federal:	
	for current tenai	nts.		State:	
				City:	
Purpose:	Capacity impro	vements for current tenant	S.	<u>SDC:</u> <u>Port Share</u>	
				Committed:	
JDE NUM:	100323			<u>Port Share</u> <u>Forecasted:</u>	
RTP Related:				<u>Private:</u>	
Recent Study:				Other:	
Port Strategic Area:	Retain and Gro	w Key Services		<u>Unfunded:</u>	\$1,000,000
RTP 2040 Illustra		Conditioned Pro	oject	Estimate Rating: 3	
RTP 2040 Constr	ained	Identified in ST	-		

Project Name: Columbia River Anchorage Improvements

Map ID:	76 Time	Frame (Years):	5 years	Total Cost:	\$2,342,000
Project Type:	Marine			Year of Cost	2009
Operation Area	Rivergate			Estimate:	
Project Description:	Placement of up to	seven stern buoys at d	ifferent	<u>Federal:</u>	\$1,728,500
	anchorages up and	d down the Columbia Ri	iver.	State:	
				City:	
Purpose:		orage of ships in the rive			
	terriiriais triat coun	a otherwise be loading/t	uriloadirig car	Committed:	
JDE NUM:				Port Share Forecasted:	\$153,400
RTP Related:				<u>r orecasted:</u> <u>Private:</u>	¥ ,
Recent Study:	Feasibility Study			Other:	\$460,100
Port Strategic Area:	Regional Leadersh	nin in Transportation		<u>Unfunded:</u>	,
RTP 2040 Illustra		Conditioned Pro	ject	Estimate Rating: 30	
RTP 2040 Constr	rained	☐ Identified in STIF	•		
Project Name: Map ID:				Total Coats	40.040.004
•	Road	e Frame (Years):	5 years	<u>Total Cost:</u> <u>Year of Cost</u>	\$3,649,084
Project Type:				Estimate:	2006
Operation Area	Rivergate			<u>Federal:</u>	
Project Description:	Construct a rail ove	ercrossing at Terminal 6		State:	
				<u>City:</u>	
Purpose:	Increase efficient n	novement for rail and Te	erminal 6 tena	nts.	
				Port Share Committed:	
JDE NUM:	100324			Port Share	\$3,649,084
RTP Related:	10378			<u>Forecasted:</u> <u>Private:</u>	φο,ο 10,00 1
Recent Study:	Marine Terminal M	aster Plan 2020 (2003)		Other:	
Port Strategic Area:	Retain and Grow k	av Senices		<u> </u>	
RTP 2040 Illustra		Conditioned Pro	ject	Estimate Rating: 2b	
RTP 2040 Constr	rained	☐ Identified in STIF	-		

Project Name: T6 Suttle Road Entrance

Map ID:	78	Time Fram	ne (Years):	20	years	<u>Tota</u>	al Cost:	\$3,000,000
Project Type:	Road						of Cost stimate:	2008
Operation Area	Rivergate						ederal:	2000
Project Description:	Construct a	ccess road fror	m terminus of S	Suttle R	load.	<u> </u>	State:	
							City:	
							SDC:	
Purpose:	To support of	development o	f east end of T6	5.			Share mitted:	
JDE NUM:							Share	
RTP Related:	11207						casted:	
Recent Study:		Improvement (Ontions (2008)			E	Private:	
necent olday.	Suttle Hoad	improvement	Options (2006)				Other:	
Port Strategic Area:	Retain and	Grow Key Serv	ices			· <u></u>	<u>iunded:</u>	\$3,000,000
RTP 2040 Illustra			onditioned Pro	•		<u>Estimate</u>	Rating: 30	С
RTP 2040 Consti	ained		entified in STI	IP				
Project Name:	T6 Deve	elopment l	<u>Project</u>					
Map ID:	79	Time Fram	ne (Years):	10	years	<u>Tota</u>	al Cost:	\$80,000,000
Map ID: Project Type:	79 Marine	Time Fram	ne (Years):	10	years	Year o	of Cost	
•		Time Fram	ne (Years):	10	years	Year o	of Cost stimate:	\$80,000,000 2015
Project Type:	Marine Rivergate This program	m includes Add	ditional Scour P	rotecti	on, T6	<u>Year o</u> <u>Es</u>	of Cost stimate: ederal:	
Project Type: Operation Area	Marine Rivergate This programment and the contract of the cont	m includes Ado vercrossing, Tv		rotecti Cranes	on, T6 s, Term	<u>Year o</u> <u>Es</u>	of Cost etimate: ederal: State:	
Project Type: Operation Area	Marine Rivergate This programment and the Control of the Control o	m includes Ado vercrossing, Tv	ditional Scour P wo New PPMX Gantry Cranes	rotecti Cranes	on, T6 s, Term	<u>Year o</u> <u>Es</u>	of Cost stimate: ederal: State: City:	
Project Type: Operation Area Project Description:	Marine Rivergate This programment and Electrical Up Arrival and E	m includes Adc vercrossing, Tv ogrades, Yard 3,500' Departur m is needed to	ditional Scour P wo New PPMX Gantry Cranes e Tracks. upgrade the te	rotecti Cranes and 6 erminal	on, T6 s, Term 5,800'	Year of Es	of Cost etimate: ederal: State: City: SDC:	
Project Type: Operation Area Project Description:	Marine Rivergate This programment and Electrical Up Arrival and E	m includes Adc vercrossing, Tv ogrades, Yard 3,500' Departur m is needed to	ditional Scour P wo New PPMX Gantry Cranes e Tracks.	rotecti Cranes and 6 erminal	on, T6 s, Term 5,800'	Year of Estimated Port	of Cost stimate: ederal: State: City:	
Project Type: Operation Area Project Description:	Marine Rivergate This programment and Electrical Up Arrival and E	m includes Adc vercrossing, Tv ogrades, Yard 3,500' Departur m is needed to	ditional Scour P wo New PPMX Gantry Cranes e Tracks. upgrade the te	rotecti Cranes and 6 erminal	on, T6 s, Term 5,800'	Year of Estimated Port Com	of Cost stimate: ederal: State: City: SDC: Share mitted: Share	
Project Type: Operation Area Project Description: Purpose: JDE NUM:	Marine Rivergate This programment and Entrance Over Electrical Upper Arrival and Entrance This programment the capacity	m includes Adc vercrossing, Tv ogrades, Yard 3,500' Departur m is needed to v of the contain	ditional Scour P wo New PPMX Gantry Cranes e Tracks. upgrade the te	rotecti Cranes and 6 erminal	on, T6 s, Term 5,800'	Year of Estimated Port Com	of Cost etimate: ederal: State: City: SDC: Share mitted: Share casted:	
Project Type: Operation Area Project Description: Purpose:	Marine Rivergate This programment and Entrance Over Electrical Upper Arrival and Entrance This programment the capacity	m includes Adc vercrossing, Tv ogrades, Yard 3,500' Departur m is needed to v of the contain	ditional Scour P wo New PPMX Gantry Cranes e Tracks. upgrade the te	rotecti Cranes and 6 erminal	on, T6 s, Term 5,800'	Year of Estimated Port Com	of Cost stimate: ederal: State: City: SDC: Share mitted: Share casted: Private:	
Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Marine Rivergate This programment of Electrical Up Arrival and 8 This programment of Electrical Up Arrival Arr	m includes Add vercrossing, Two ogrades, Yard 3,500' Departur m is needed to v of the contain	ditional Scour P wo New PPMX Gantry Cranes e Tracks. upgrade the te er terminal to 1	rotecti Cranes and 6 erminal	on, T6 s, Term 5,800'	Year of Es	of Cost etimate: ederal: State: City: SDC: Share mitted: Share casted: Private: Other:	2015
Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Marine Rivergate This program Entrance Over Electrical Upper Arrival and 8 This program the capacity 11357, 1120 Retain and	m includes Add vercrossing, Tv ogrades, Yard 3,500' Departur m is needed to v of the contain	ditional Scour P wo New PPMX Gantry Cranes e Tracks. upgrade the te er terminal to 1	rotecti Cranes and 6 erminal Millior	on, T6 s, Term 5,800'	Year of Estimated Port Com Port Fored Unf	of Cost etimate: ederal: State: City: SDC: Share mitted: Share casted: Private: Other: funded:	
Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Marine Rivergate This programment of Electrical Up Arrival and 8 This programment of the capacity 11357, 1120 Retain and ontive	m includes Adovercrossing, Two grades, Yard 3,500' Departurem is needed to or of the containant of the	ditional Scour P wo New PPMX Gantry Cranes e Tracks. upgrade the te er terminal to 1	rotecti Cranes and 6 erminal Millior	on, T6 s, Term 5,800'	Year of Es	of Cost etimate: ederal: State: City: SDC: Share mitted: Share casted: Private: Other: funded:	2015

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

-	80 Time Frame (Years): 5 years	<u>Total Cost:</u>	\$1,000,000
Project Type:	Marine	Year of Cost Estimate:	2015
Operation Area	Rivergate	Federal:	
Project Description:	This project will design, permit and install electrical	State:	
	equipment upgrades necessary to allow vessels to lay berth at B416	<u>City:</u>	
		SDC:	
Purpose:	The project is needed to allow vessels to lay berth at B410 This will help the Port retain and grow key services and to	6.	
	be a leader in transportation infrastructure.	Committed:	
JDE NUM:		Port Share	
RTP Related:		<u>Forecasted:</u> <u>Private:</u>	
Recent Study:			
•		Other:	
Port Strategic Area:	Retain and Grow Key Services	<u>Unfunded:</u>	\$1,000,000
RTP 2040 Illustra	tive Conditioned Project	Estimate Rating:	
RTP 2040 Consti	rained Identified in STIP		
Project Name:	T4 Stormwater Improvements		
Map ID:	81 Time Frame (Years): 5 years	Total Cost:	\$4,100,000
Project Type:	Marine	Total Cost: Year of Cost Estimate:	\$4,100,000 2012
Project Type: Operation Area	Marine Rivergate	Year of Cost	
Project Type: Operation Area	Marine	Year of Cost Estimate:	
Project Type: Operation Area	Marine Rivergate	Year of Cost Estimate: Federal:	
Project Type: Operation Area Project Description:	Marine Rivergate Install stormwater improvements.	Year of Cost Estimate: Federal: State:	
Project Type: Operation Area Project Description:	Marine Rivergate	Year of Cost Estimate: Federal: State: City: SDC: Port Share	
Project Type: Operation Area Project Description:	Marine Rivergate Install stormwater improvements. Implement capital projects identified during stormwater	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed:	
Project Type: Operation Area Project Description:	Marine Rivergate Install stormwater improvements. Implement capital projects identified during stormwater master planning process.	Year of Cost Estimate: Federal: State: City: SDC: Port Share	
Project Type: Operation Area Project Description: Purpose:	Marine Rivergate Install stormwater improvements. Implement capital projects identified during stormwater master planning process.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Project Type: Operation Area Project Description: Purpose: JDE NUM:	Marine Rivergate Install stormwater improvements. Implement capital projects identified during stormwater master planning process. 101668	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: Recent Study:	Marine Rivergate Install stormwater improvements. Implement capital projects identified during stormwater master planning process. 101668	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 Rivergate Install stormwater improvements. Implement capital projects identified during stormwater master planning process. 101668 Portwide Environmental Strategy	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2012

Project Name: <u>Terminal 4 Automobile Yard Expansion</u>

Map ID:	82 Tir	ne Fra	me (Ye	ears):	10	years	<u>Total Cost:</u>	\$3,000,000
Project Type:	Marine						Year of Cost Estimate:	
Operation Area	Rivergate						<u>Federal:</u>	
Project Description:	Design and con- parking for the s	struct six torage o	acres of	porous p	pavem obiles.	nent	State:	
							<u>City:</u>	
D	-						SDC:	
ruipose.	The project will p storage capacity automobile impo	needs (of Toyota,				Port Share Committed:	
JDE NUM:	100769						Port Share	
RTP Related:							Forecasted:	
							<u>Private:</u>	
Recent Study:							<u>Other:</u>	
Port Strategic Area:	Regional Leade	rship in I	ndustrial	Lands			<u>Unfunded:</u>	\$3,000,000
RTP 2040 Illustra	ative		Conditio	ned Pro	ject		Estimate Rating:	
RTP 2040 Const	rained		Identifie	d in STIF	P			
Project Name:	BNSF Falls	<u>oridge</u>	<u>Douk</u>	ole Tra	<u>ackir</u>	<u>ng</u>		
Map ID:	83 Tir	ne Fra	me (Ye	ears):	10	years	Total Cost:	\$72,000,000
Project Type:	Rail						Year of Cost Estimate:	
Operation Area	Rivergate						<u>Federal:</u>	
Project Description:	Double-track the	Fallbrid	lge line to	Washou	ıgal.		State:	
							<u>City:</u>	
D							SDC:	
Purpose:	Increases capac Port of Portland.		e BNSF ea	ast-west	mainli	ine servi	Port Share Committed:	
JDE NUM:							Port Share	
RTP Related:							Forecasted:	
Recent Study:	Port Rail Plan						Private:	
	TOTTIGHT IGHT						Other:	
Port Strategic Area:	Regional Leade	rship in 1	Transport	ation			<u>Unfunded:</u>	\$72,000,000
RTP 2040 Illustra			Conditio		-		Estimate Rating:	
RTP 2040 Const			Identified					

Project Name: T4 Berth 410, 411 Rail Yard Improvements

Map ID:	84 Time	e Frame (Years):	5 years	Total Cost:	\$6,000,000
Project Type:	Rail			Year of Cost	2015
Operation Area	Rivergate			<u>Estimate:</u> <u>Federal:</u>	2010
Project Description:		al rail track in the Berth	410 and 411 R	rederar. State:	
	Yard.			<u>State.</u> <u>City:</u>	
				SDC:	
Purpose:	Improve the efficient additional rail capa	ncy of the rail yard by c	reating	Port Share	
	additional rail oupe	zony.		Committed:	
JDE NUM:	102052			Port Share	
RTP Related:				<u>Forecasted:</u> <u>Private:</u>	
Recent Study:				Other:	
Port Strategic Area:	Potain and Craw k	(ay Sanjaga		<u> </u>	\$6,000,000
RTP 2040 Illustra		Conditioned Pro	niect	Estimate Rating: 30	. , ,
RTP 2040 Constr		Identified in STI	•	<u>=====================================</u>	
	Horth Lloope				
Project Name:					
Map ID:	85 Time	erning at 12 and e Frame (Years):	10 years	Total Cost:	\$2,000,000
Map ID: Project Type:	85 Time Marine			Total Cost: Year of Cost Estimate:	\$2,000,000 2012
Map ID: Project Type: Operation Area	85 Time Marine Rivergate	e Frame (Years):	10 years	Year of Cost <u>Estimate:</u> <u>Federal:</u>	
Map ID: Project Type:	85 Time Marine Rivergate Deepen berths at 1	e Frame (Years):	10 years ow deeper draf	Year of Cost <u>Estimate:</u> <u>Federal:</u>	
Map ID: Project Type: Operation Area	85 Time Marine Rivergate Deepen berths at 1	Frame (Years):	10 years ow deeper draf	Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area Project Description:	85 Time Marine Rivergate Deepen berths at 1 vessels to transit the	Frame (Years): Terminals 2 and 4 to allone planned 43 foot char	10 years ow deeper draf nnel.	Year of Cost Estimate: Federal: State:	
Map ID: Project Type: Operation Area Project Description:	85 Time Marine Rivergate Deepen berths at 1 vessels to transit the	Frame (Years):	10 years ow deeper draf nnel.	Year of Cost Estimate: Federal: State: City:	
Map ID: Project Type: Operation Area Project Description:	85 Time Marine Rivergate Deepen berths at 7 vessels to transit the	Frame (Years): Terminals 2 and 4 to allone planned 43 foot char	10 years ow deeper draf nnel.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose:	85 Time Marine Rivergate Deepen berths at 7 vessels to transit the	Frame (Years): Terminals 2 and 4 to allone planned 43 foot char	10 years ow deeper draf nnel.	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:	85 Time Marine Rivergate Deepen berths at 7 vessels to transit the	Frame (Years): Terminals 2 and 4 to allone planned 43 foot char	10 years ow deeper draf nnel.	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 Rivergate Deepen berths at 7 vessels to transit the Allow better utilizate 100863	Frame (Years): Terminals 2 and 4 to allone planned 43 foot chartion of Panamax-class be	10 years ow deeper draf anel.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2012
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	Marine Rivergate Deepen berths at Tvessels to transit the Allow better utilizate 100863 Retain and Grow keepen	Frame (Years): Terminals 2 and 4 to allone planned 43 foot chartion of Panamax-class be	10 years ow deeper draf nnel. oulk vessels.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	

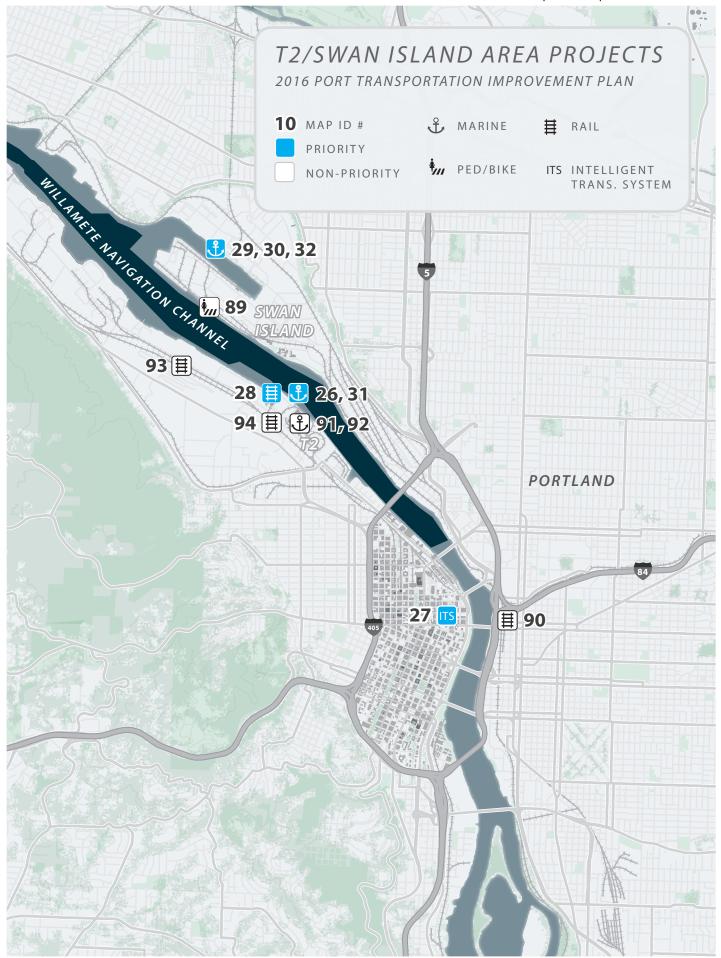
Project Name: Bonneville Rail Yard Build Out

Map ID:	රර Time Fr	ame (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	ard tracks and com	plete the doul	ole <u>State:</u>	
	track lead from the wye Barnes Yard.	e at the east end of t	the yard to	<u>City:</u>	
				SDC:	
Purpose:	Add rail staging capaci	ty for South Riverga	ate.	Port Share	
				Committed:	
JDE NUM:				Port Share	
RTP Related:	11652			<u>Forecasted:</u> <u>Private:</u>	
Recent Study:	Port Rail Plan			Other:	
					ФО СОО ООО
Port Strategic Area:				<u>Unfunded:</u>	\$3,600,000
RTP 2040 Illustra		Conditioned Pro	•	Estimate Rating: 30	
RTP 2040 Const	ained	Identified in STIF	•		
Project Name:	Ramsey Yard L	<u>Jtilization</u>			
Map ID:	07				
•	o/ lime Fr	ame (Years):	10 years	Total Cost:	\$1,700,000
Project Type:	Rail	ame (Years):	10 years	Year of Cost	
Project Type: Operation Area		ame (Years):	10 years	Year of Cost Estimate:	\$1,700,000 2013
Operation Area	Rail Rivergate			Year of Cost Estimate: Federal:	
	Rail Rivergate			Year of Cost Estimate: Federal: State:	
Operation Area	Rail Rivergate			Year of Cost Estimate: Federal: State: City:	
Operation Area Project Description:	Rail Rivergate	ut track with industria	al lead.	Year of Cost Estimate: Federal: State: City: SDC:	
Operation Area Project Description:	Rail Rivergate Connect existing set ou	ut track with industria	al lead.	Year of Cost Estimate: Federal: State: City: SDC:	
Operation Area Project Description:	Rail Rivergate Connect existing set ou	ut track with industria	al lead.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Operation Area Project Description: Purpose:	Rail Rivergate Connect existing set ou Improve unit train stagin	ut track with industria	al lead.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	
Operation Area Project Description: Purpose: JDE NUM:	Rail Rivergate Connect existing set ou Improve unit train stagin	ut track with industria	al lead.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	
Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Rail Rivergate Connect existing set ou Improve unit train stagion 11653 Port Rail Plan	ut track with industria	al lead.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2013
Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study: Port Strategic Area:	Rail Rivergate Connect existing set ou Improve unit train stagin 11653 Port Rail Plan Regional Leadership in	ut track with industriang capabilities at Ra	al lead. amsey Rail Ya	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other: Unfunded:	
Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Rail Rivergate Connect existing set out Improve unit train stagin 11653 Port Rail Plan Regional Leadership in	ut track with industria	al lead. amsey Rail Ya	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2013

Project Name: Columbia River Underkeel Clearance Study

Map ID:	88 Time F	rame (Years):	10 years	Total Cost:	\$1,319,000
Project Type:	Marine			Year of Cost Estimate:	2013
Operation Area	Rivergate			Federal:	
Project Description:	roject Description: Underkeel clearance study for ships moving between the Columbia Bar and Portland, including Loadmax gauge			\$949,608	
	augmentation project.			<u>City:</u>	
Purnose:	Hadada da ada da da da da da da da da da		SDC:		
ruipose.		nderstand vessel underclearance in Columbia River to otimize safety and payload.		Port Share Committed:	\$65,000
JDE NUM:				<u>Port Share</u> <u>Forecasted:</u>	
RTP Related:				<u>r orecusteu:</u> Private:	
Recent Study:				Other:	\$304,392
Port Strategic Area:	Regional Leadership in	n Transportation		<u>Unfunded:</u>	
RTP 2040 Illustra	ntive	Conditioned Pro	ject	Estimate Rating:	
RTP 2040 Constr	ained	Identified in STIF	•		

MAP: GIS PROGRAM OFFICE



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Project Name: North Willamette Greenway Trail

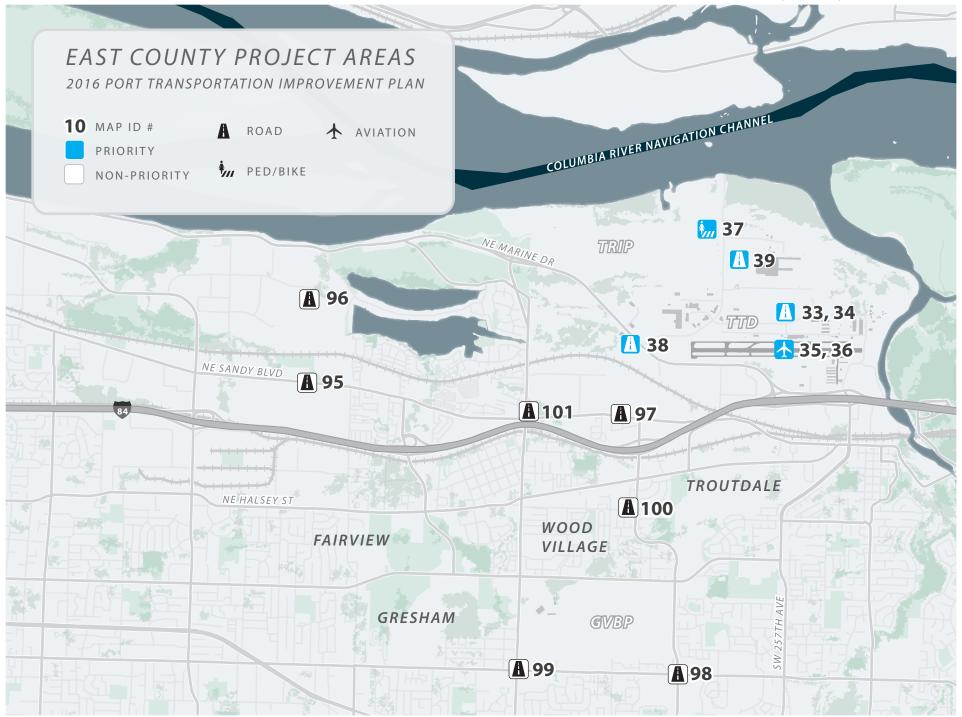
-	Time Frame (Years): 20 years	<u>Total Cost:</u>	\$500,000
Project Type:	Bike/Ped	Year of Cost Estimate:	2007
Operation Area	T2/Swan Island	<u>Federal:</u>	
Project Description:	Pedestrian and bicycle trail from Kelly Point Park to the Steel Bridge along the Willamette River. The money	State:	
	associated for this project is for a study only.	<u>City:</u>	
Purpose:	Improve padactrian and his als connectivity in North	SDC:	
r ui pose.	Improve pedestrian and bicycle connectivity in North Portland. Coordinate implementation with the City of Portland.	Port Share Committed:	
JDE NUM:		Port Share	
RTP Related:	10355	Forecasted:	
Recent Study:	1000	<u>Private:</u>	
necent Study.		<u>Other:</u>	
Port Strategic Area:	Regional Leadership in Transportation	<u>Unfunded:</u>	\$500,000
RTP 2040 Illustra	tive Conditioned Project	Estimate Rating:	
RTP 2040 Consti	ained Identified in STIP		
Project Name:	Graham Line Connection		
Map ID:	90 Time Frame (Years): 5 years	Total Cost:	\$15,000,000
Project Type:	Deil		Ψ10,000,000
	Rail	Year of Cost Estimate:	2006
Operation Area	T2/Swan Island	Estimate:	
•	T2/Swan Island This project will create a new track connection between the state of the state o	Estimate: Federal:	
•	T2/Swan Island This project will create a new track connection between the Graham Line, which runs parallel with I-84 through Sullivan's Gulch and the Brooklyn Sub, UP's north-south	Estimate: Federal: he State:	
•	T2/Swan Island This project will create a new track connection between the Graham Line, which runs parallel with I-84 through	Estimate: Federal: State: City:	
Project Description:	T2/Swan Island This project will create a new track connection between the Graham Line, which runs parallel with I-84 through Sullivan's Gulch and the Brooklyn Sub, UP's north-south	Estimate: Federal: State: City: SDC: Port Share	
Project Description: Purpose:	T2/Swan Island This project will create a new track connection between the Graham Line, which runs parallel with I-84 through Sullivan's Gulch and the Brooklyn Sub, UP's north-south line through Portland. This connection will allow UP rail traffic entering Portland from the east to turn south onto the Brooklyn Sub from the	Estimate: Federal: State: City: SDC: Port Share Committed:	
Project Description: Purpose: JDE NUM:	T2/Swan Island This project will create a new track connection between the Graham Line, which runs parallel with I-84 through Sullivan's Gulch and the Brooklyn Sub, UP's north-south line through Portland. This connection will allow UP rail traffic entering Portland from the east to turn south onto the Brooklyn Sub from the Graham Line. This project will eliminate delay and increase.	Estimate: Federal: State: City: SDC: Port Share	
Project Description: Purpose:	T2/Swan Island This project will create a new track connection between the Graham Line, which runs parallel with I-84 through Sullivan's Gulch and the Brooklyn Sub, UP's north-south line through Portland. This connection will allow UP rail traffic entering Portland from the east to turn south onto the Brooklyn Sub from the Graham Line. This project will eliminate delay and increase.	Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Project Description: Purpose: JDE NUM: RTP Related:	T2/Swan Island This project will create a new track connection between the Graham Line, which runs parallel with I-84 through Sullivan's Gulch and the Brooklyn Sub, UP's north-south line through Portland. This connection will allow UP rail traffic entering Portland from the east to turn south onto the Brooklyn Sub from the Graham Line. This project will eliminate delay and increase.	Estimate: Federal: he State: City: SDC: Port Share Committed: Port Share Forecasted:	
Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	T2/Swan Island This project will create a new track connection between the Graham Line, which runs parallel with I-84 through Sullivan's Gulch and the Brooklyn Sub, UP's north-south line through Portland. This connection will allow UP rail traffic entering Portland from the east to turn south onto the Brooklyn Sub from the Graham Line. This project will eliminate delay and increas system capacity. I-5 Rail Capacity Study (HDR, 2003)	Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	
Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	T2/Swan Island This project will create a new track connection between the Graham Line, which runs parallel with I-84 through Sullivan's Gulch and the Brooklyn Sub, UP's north-south line through Portland. This connection will allow UP rail traffic entering Portland from the east to turn south onto the Brooklyn Sub from the Graham Line. This project will eliminate delay and increas system capacity. I-5 Rail Capacity Study (HDR, 2003) Regional Leadership in Transportation	Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2006

Project Name: <u>Terminal 2 Stormwater Improvements</u>

Map ID:	91 Time Frame (Years): 5 years	<u>Total Cost:</u>	\$1,500,000
Project Type:	Marine	Year of Cost Estimate:	2011
Operation Area	T2/Swan Island	<u>Federal:</u>	
Project Description:	Stormwater improvements.	State:	
		<u>City:</u>	
D		SDC:	
Purpose:	Enhance marketability, service and environmental performance for cargo opportunities at T-2.	Port Share Committed:	
JDE NUM:	101667	Port Share	
RTP Related:		Forecasted:	
Recent Study:		<u>Private:</u>	
necent olday.	•	Other:	
Port Strategic Area:	Retain and Grow Key Services	<u>Unfunded:</u>	\$1,500,000
RTP 2040 Illustra	ative Conditioned Project	Estimate Rating:	
RTP 2040 Const	rained Identified in STIP		
Project Name:	T2 Storage Building Improvements		
Map ID:	Time Frame (Years): 5 years	Total Cost:	\$1,000,000
Project Type:	Marine	Year of Cost	2012
Operation Area	T2/Swan Island	Estimate:	2012
Project Description:	This project upgrades the existing warehouse buildings.	<u>Federal:</u>	
		<u>State:</u>	
		<u>City:</u>	
Purpose:	This project is needed to upgrade the existing terminal.	SDC:	
		Port Share Committed:	
JDE NUM:		Port Share	
RTP Related:		<u>Forecasted:</u> <u>Private:</u>	
Recent Study:		Other:	
Dort Stratagia Aras	Politica and Orac Mar Orac i	<u>Unfunded:</u>	\$1,000,000
RTP 2040 Illustra	Retain and Grow Key Services Conditioned Project	Estimate Rating:	ψ1,000,000
RTP 2040 Illustra	•	<u></u>	

Project Name: Portland Terminal Railroad Power Switches

Map ID:	93	Time Frame (Yea	rs): 5	5 years	Total Cost:	\$10,805,000
Project Type:	Rail				Year of Cost	
Operation Area	T2/Swan Isla	and			Estimate:	
Project Description:	Install Dispa	tcher Controlled Power	Switches I	between	<u>Federal:</u>	
	Lake Yard ar	nd Terminal 2.			State:	
					<u>City:</u> <u>SDC:</u>	
Purpose:		ime it takes for trains to 2, reducing blockage of		n Lake Ya	rd <u>SDC.</u> Port Share	
	to reminal z	z, reducing blockage or	mannine.		Committed:	
JDE NUM:					Port Share Forecasted:	
RTP Related:					<u>r orecasted:</u> <u>Private:</u>	
Recent Study:	Port Rail Pla	n			Other:	
Port Strategic Area:	Regional Le	adershin in Transportati	on		<u>Unfunded:</u>	\$10,805,000
RTP 2040 Illustra				t	Estimate Rating: 3c	
RTP 2040 Constr		Identified i	-			
Project Name:				Siding	I	
Map ID:	94	Time Frame (Yea	rs): 10) years	Total Cost:	\$8,900,000
Project Type:	Rail				Year of Cost Estimate:	2013
Operation Area	T2/Swan Isla	and			<u>Federal:</u>	
Project Description:	Construct ra	il loop and support sidir	ng.		State:	
					<u>City:</u>	
Durnose:	Inorogoo roil	capacity at Terminal 2.			SDC:	
i dipose.	increase raii	capacity at Terrimal 2.			Port Share Committed:	
JDE NUM:					Port Share	
RTP Related:	11651				Forecasted: Private:	
Recent Study:	Port Rail Pla	n			Other:	
Port Strategic Area:	Datate 10	Orani Kan Can Jana			<u>Unfunded:</u>	\$8,900,000
RTP 2040 Illustra		Grow Key Services Conditione	ad Droies	+	Estimate Rating: 30	\$5,550,000
RTP 2040 Constr		Identified i	_	•		



Project Name: Sandy Blvd. Widening to 4 lanes

Map ID:	95 Time Frame (Years): 10 years	<u>Total Cost:</u>	\$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>	
Purposa:	Improve east west capacity and serve developing	SDC:	
r ui pose.	industrial property.	Port Share Committed:	
JDE NUM:		Port Share	
RTP Related:	10443	Forecasted:	
Recent Study:	10440	<u>Private:</u>	
necent olday.		<u>Other:</u>	
Port Strategic Area:	Regional Leadership in Transportation	<u>Unfunded:</u>	\$10,000,000
RTP 2040 Illustra	tive Conditioned Project	stimate Rating:	
RTP 2040 Consti	ained Identified in STIP		
Project Name:	Riverside Drive Extension		
Map ID:	96 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>	
Purposa:	Serve developing industrial parcels.	SDC:	
r ui pose.	serve developing industrial parcels.	Port Share Committed:	
JDE NUM:		Port Share	
RTP Related:	10515	Forecasted: Private:	
Recent Study:		Other:	
Dout Stratogic Avec		Unfunded:	\$10,975,110
RTP 2040 Illustra	Regional Leadership in Transportation	Estimate Rating:	ψ10,970,110
E RIP 2040 IIIUSTra	tive	<u>-cimate nating.</u>	

Project Name: Sandy Blvd. Widening to 3 lanes

Map ID:	97 Tim	e Frame (Years):	10 years	Total Cost:	\$7,438,000
Project Type:	Road			Year of Cost	
Operation Area	East County			<u>Estimate:</u> <u>Federal:</u>	
Project Description:	Sandy Blvd. wider	n to 3 lanes (207th to 23	8th), add	State:	
	sidewalks and bik	e lanes.		<u>City:</u>	
				SDC:	
Purpose:	Improve east west industrial property	capacity and serve adj	acent developinç	Port Share	
				Committed:	
JDE NUM:				Port Share Forecasted:	
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	•	☐ Conditioned Pro	oject <u>E</u>	stimate Rating:	
RTP 2040 Constr	rained	Identified in STI	Р		
Project Name:	NE Hogan a	at NE Stark Stree	<u>et</u>		
Map ID:	98 Tim	e Frame (Years):	5 years	Total Cost:	\$1,908,431
Project Type:	Road			Year of Cost	2007
Operation Area	East County			Estimate:	2007
Project Description:	Add right turn lane	es on all approaches an	d second	<u>Federal:</u>	
		outhbound left turn lane		State:	
				<u>City:</u>	
Purpose:	Address intersection capacity affecting access to Gresham Vista Business Park.			CDC.	
		isiness Park.	cess to	SDC: Port Share	
		isiness Park.	cess to		
JDE NUM:		siness Park.	cess to	Port Share Committed: Port Share	
JDE NUM: RTP Related:	10511	siness Park.	cess to	Port Share Committed: Port Share Forecasted:	
			cess to	Port Share Committed: Port Share Forecasted: Private:	
RTP Related: Recent Study:	East Metro Conne	ctions Plan	cess to	Port Share Committed: Port Share Forecasted: Private: Other:	\$1,908,431
RTP Related:	East Metro Conne	ctions Plan	_	Port Share Committed: Port Share Forecasted: Private:	\$1,908,431

Project Name: NE 223rd at Stark

Map ID:	99 Time	e Frame (Years):	5 years	Total Cost:	\$1,196,756
Project Type:	Road			Year of Cost	2007
Operation Area	East County			Estimate:	2007
Project Description:	Add eastbound an	nd northbound right turn I	lanes and	<u>Federal:</u>	
	southbound left tu			State:	
				<u>City:</u>	
Purpose:		on capacity affecting acc	cess to	SDC:	
	Gresham Vista Bu	isiness Park.		Port Share Committed:	
JDE NUM:				<u>Port Share</u> <u>Forecasted:</u>	
RTP Related:	10473			<u>Private:</u>	
Recent Study:	East Metro Connec	ections Plan		Other:	
Port Strategic Area:	Regional Leaders	hin in Transportation		<u>Unfunded:</u>	\$1,196,756
RTP 2040 Illustra		Conditioned Proj	iect	Estimate Rating:	
RTP 2040 Constr		☐ Identified in STIF	-	•	
Project Name:	NE 238th Dr	rive: Halsey to G	<u>ilisan</u>		
Map ID:	100 Time	e Frame (Years):	5 years	Total Cost:	\$9,769,340
Project Type:	Road			Year of Cost Estimate:	2012
Operation Area	East County			<u>=====================================</u>	\$9,769,340
Project Description:	Construct improvements for freight by modifying road			State:	40,1.00,0.10
	pedestrians.	lds improvements for bike	<u>City:</u>		
				SDC:	
Purpose:	Will improve freigh Park.	nt access to Gresham Vis	sta Business	Port Share Committed:	
JDE NUM:				Port Share	
RTP Related:				Forecasted:	
		al'a a Dia		<u>Private:</u>	
Recent Study:	East Metro Connec	ections Plan		<u>Other:</u>	
Port Strategic Area:	Regional Leadersh	hip in Transportation		<u>Unfunded:</u>	
RTP 2040 Illustra	ative	Conditioned Proj	ject	Estimate Rating:	
RTP 2040 Constr	rained	Identified in STIF	•		

Project Name: 223rd Avenue Widening

Map ID:	101 Time	e Frame (Years):	5 years	Total Cost:	\$3,667,000
Project Type:	Road			Year of Cost	
Operation Area	East County			<u>Estimate:</u> <u>Federal:</u>	
Project Description:	Widen to three lane	es between Halsey St and	d Marine Drive.	<u>rederal.</u> State:	
				<u>State.</u> <u>City:</u>	
					
Purpose:		ility to major collector urban street		SDC:	
	standards.			Port Share Committed:	
JDE NUM:				Port Share Forecasted:	
RTP Related:	10388, 10389			Private:	
Recent Study:				Other:	
Port Strategic Area:	Regional Leadersh	nip in Transportation		<u>Unfunded:</u>	\$3,667,000
RTP 2040 Illustra	ative	☐ Conditioned Proj	ect <u>Es</u>	stimate Rating: N/A	
RTP 2040 Consti	rained	Identified in STIP			