2014 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 (March, 2007), 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 have 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#
I-205 Interchange Improvement (NB On-Ramp)	\$17,500,000	2
N. Hayden Island Drive	\$12,000,000	32
Alderwood and Cully Intersections @ Columbia Blvd.	\$12,091,000	3
Rivergate Boulevard Overcrossing	\$14,200,000	31
PDX Northside Redevelopment	\$5,800,000	7
Terminal 6 Wharf Optimization	\$1,500,000	27
Terminal 6 Crane Drive Electronics	\$2,000,000	15
Terminal 2 Crane Upgrade	\$2,300,000	33
Terminal 2 Rail Improvement	\$2,200,000	35
Swigert Way Extension	\$2,500,000	38
Graham Road	\$10,000,000	39
Troutdale Interchange (Exit 17) Improvements	\$32,200,000	44
Sundial Road Improvements	\$3,200,000	46
Auto Import/Export Expansion	\$14,000,000	21

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 #
Columbia Blvd., Lombard St. Improvements at MLK	\$2,228,910	1
I-205 Interchange Improvement (NB On-Ramp)	\$17,500,000	2
I-5 Columbia Blvd. Improvement	\$57,773,032	4
Columbia Blvd./I-205 SB On Ramp Improvement	\$11,200,000	5
Barnes to Terminal 4 Rail	\$4,543,000	16
Kenton Rail Line Upgrade	\$25,382,000	17
Time Oil Road Reconstruction	\$9,000,000	30
Marine Dr. Improvement Phase 2	\$13,644,200	19
NE 238 th Drive: Halsey to Glisan	\$9,769,340	42
40 Mile Loop Trail: Blue Lake Park to Sundial Rd.	\$2,588,232	43
223 rd Ave. Widening	\$3,667,000	45
Intelligent Transportation System (ITS) Improvements	\$3,480,000	6,18, 34

Notes:

- 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.

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.

Port Priority Marine Terminal Projects Involving Other Funding Sources ¹	Project Cost ²	Map ID#
Terminal 6 Container Crane Modernization	\$3,634,260	14
Terminal 6 Stormwater Improvements	\$5,000,000	20
Terminal 4 Pier 1 Site Preparation	\$12,000,000	22
Berth Deepening at T2 and T4	\$3,000,000	23
Dredge Oregon Repower	\$19,600,000	36
Columbia River Jetty Refurbishment	\$75,000,000	28
Columbia River Underkeel Clearance Study	\$1,319,000	29

Notes:

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

Priority Aviation Projects Involving Other Funding Sources ¹	Project Cost ²	Map ID#
HIO Wash Racks	\$620,100	8
HIO Relocate Charlie Pattern Landing Site	\$1,433,100	9
HIO Construct East Access Road	\$1,886,560	10
HIO Relocate Taxiway AA	\$4,700,000	11
HIO Taxiway to NW Corporate Center	\$1,050,000	12
HIO Construct Runway 12L/30R	\$13,000,000	13
TTD Site Development for New Hangar Development	\$1,000,000	37
TTD Reconstruct Runway 7-25	\$12,534,000	40
TTD Rehabilitate Taxiway A	\$5,000,000	41

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

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

PROJECT REPORTS AND MAPS

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

Acronym Key:

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

Time Frame:

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

The time frames shown are estimates. The listing of a project in a given period does not ensure that it will be constructed in that time frame. Rather, projects will be constructed when transportation/business needs support them and when funding becomes available. For many projects, this need has already been identified.

However, others depend on a variety of factors, including development at Port facilities and the changing challenges of the region's transportation system.

Port Strategic Plan Alignment

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

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

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

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

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

Cost Estimate Rating

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

Scope Accuracy

Level 1 **Project scope is defined.**

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

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

of external impacts.

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

Engineering Effort

Level A Preliminary engineering has been

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

15% and 20%.

Level B Conceptual engineering has been

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

similar work is compared and used.

Contingency generally ranges between 20%

and 30%.

Level C No engineering has been performed.

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

and 50%.

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

PTIP MASTER PROJECT LIST

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
1	Columbia Blvd./Lombard St. Improvements at MLK	Improve freight movement between Columbia Blvd. and Lombard St.	Improve connectivity and better distribute freight traffic between Columbia Blvd. and Lombard St.	5	\$2,228,910	•	PDX/PIC
2	I-205 Interchange - NB On- Ramp at Airport Way	New I-205 NB on-ramp and/or other improvements at I-205/Airport Way interchange.	Provide additional capacity for anticipated growth in area traffic.	5	\$17,500,000	✓	PDX/PIC
3	Alderwood and Cully Intersections @ Columbia Blvd.	Widen and signalize intersections on Columbia Boulevard at Alderwood Rd. and Cully Boulevard.	Provide transportation link to the cargo area located within the south airport area and to support Columbia Corridor freight movement.	5	\$12,091,000	•	PDX/PIC
4	I-5/Columbia Blvd. Improvement	Construct a full interchange at Columbia Blvd. or the functional equivalent. Includes two projects Delta Park Phase II and Argyle on the Hill.	Improve connections between Columbia Blvd. and I- 5 for trucks.	10	\$57,773,032	✓	PDX/PIC
5	Columbia Blvd./I-205 SB On Ramp Improvement	Expand the on-ramp to three lanes, including for truck/HOV.	Increase the capacity of the I- 205 SB on-ramp at Columbia Blvd.	5	\$11,200,000	•	PDX/PIC

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
6	PDX ITS - AVI Technology	Automated Vehicle Identification Technology	Implement automated vehicle identification system at PDX to improve airport operations, commercial roadway operations and parking shuttle bus management.	5	\$3,000,000	✓	PDX/PIC
7	PDX Northside Redevelopment	Construct a new apron for business aviation.	Provide overnight parking for commercial jets and improve a new apron for business aviation.	5	\$5,800,000	•	PDX/PIC
8	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
9	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	\$1,433,100	✓	Hillsboro
10	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

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
11	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
12	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
13	HIO Construct Runway 12L/30R	Construct a new 3,200' B-1 runway and taxiway parallel to the main runway (12R-30L) for use by light GA aircraft. Extensive planning effort required including environmental assessment.	Relieves existing and future congestion at the airport.	5	\$13,000,000		Hillsboro
14	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
15	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
16	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
17	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. Part of triangle project with ODOT.	Expand rail capacity and reduce delays for greater efficiency.	10	\$25,382,000	✓	Rivergate
18	Rivergate ITS	Intelligent Transportation System in Rivergate.	Improve traffic efficiency in Rivergate by connecting information about the roadway system to ODOT's Highway ITC systems.	5	\$480,000		Rivergate
19	Marine Dr. Improvement Phase 2	Construct rail overcrossing on Marine Dr.	Avoid road/rail conflict.	20	\$13,644,200	✓	Rivergate
20	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
21	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, the Berth 601 auto facility can increase throughput.	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	\$14,000,000	✓	Rivergate

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
22	Terminal 4 Pier 1 Site Preparation	Demolish various structures and improve certain infrastructure features 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	\$12,000,000	•	Rivergate
23	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.	5	\$3,000,000	•	Rivergate
24	T5 Berth 503 Terminal Expansion	Construct a fourth rail loop, second 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
25	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	\$1,200,000	•	Rivergate
26	West Hayden Island Beach Access	Develop trail for public access to the public beaches on the north shore of WHI.	Increase public access for community recreation needs.	5	\$50,000	✓	Rivergate
27	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
28	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

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
29	Columbia River Underkeel Clearance Study	Underkeel clearance study for ships moving between the Columbia Bar and Portland.	Understand vessel underclearance in Columbia River to optimize safety and payload.	5	\$1,319,000	✓	Rivergate
30	Time Oil Road Reconstruction	Reconstruct Time Oil Road.	Provide improved access to South Rivergate industrial area.	10	\$9,000,000	•	Rivergate
31	Rivergate Boulevard Overcrossing	Grade Separate South Rivergate Lead at Rivergate Blvd.	Improve rail and vehicle traffic flow in Rivergate Industrial District.	10	\$14,200,000	✓	Rivergate
32	N. Hayden Island Drive	Reconstruct N. Hayden Island Drive.	Provide improved access to West Hayden Island.	10	\$12,000,000	✓	Rivergate
33	Terminal 2 Crane Upgrade	The project will modify and upgrade Crane 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	\$2,300,000	•	T2/Swan Island
34	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
35	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	\$2,200,000	•	T2/Swan Island

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
36	Dredge Oregon Repower	Replace and modernize controls, dredge pumps, dredge main engine, 2 auxiliary generator engines all powered by diesel. Replacement is anticipated to reduce fuel use by 40% for a savings of 160-200K gallons of fuel during a normal dredging season.	Repower the Dredge Oregon.	5	\$19,600,000	•	T2/Swan Island
37	TTD Site Development for New Hangar Development	Construct new utilities and infrastructure to make site ready for development.	Will support development of approximately 20,000 square feet of workshop hangar space at Troutdale.	5	\$1,000,000	✓	East County
38	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
39	Graham Road	Reconstruct and/or widen Graham Road along Troutdale Reynolds Industrial Park frontage.	Improve access to Troutdale Reynolds Industrial Park Phase 2.	5	\$10,000,000	✓	East County
40	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
41	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	\$5,000,000	•	East County
42	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

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
43	40 Mile Loop Trail: Blue Lake Park to Sundial Rd.	Construct a 1.7 mile mixed use off road trail connecting Blue Lake Park and Sundial Road.	Combined with the Port's Reynolds levee trail it will complete a 3.3 mile gap in the 40 Mile Loop Trail.	5	\$2,588,232	✓	East County
44	Troutdale Interchange (Exit 17) Improvements	Convert Marine Drive one-way southbound to two-way under I-84 and widen to five lanes. Widen South Frontage Rd. and provide associated improvements.	Ensure adequate long term interchange operation and improve access to north industrial area.	5	\$32,200,000	•	East County
45	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
46	Sundial Road Improvement	Widen Sundial north of Swigert Way and construct signal.	Accommodate Troutdale Reynolds Industrial Park and other traffic.	5	\$3,200,000	•	East County
47	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
48	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
49	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

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IVIAP ID	r roject Name	rioject Description	ruipose	(Tears)	Total Cost	Filolity	Alea Wap
50	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
51	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
52	82nd Ave./Airport Way Grade Separation	Construct grade-separated overcrossing.	Provide efficient movement of traffic to PDX properties.	10	\$158,000,000		PDX/PIC
53	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	\$5,775,000		PDX/PIC
54	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
55	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
56	Alternative Fuels Station	Construct a PDX alternative fuels station.	Provide refueling capabilities for both landside (public) CNG vehicles. Encourage airport businesses to convert fleets to CNG to improve air quality.	5	\$1,000,000		PDX/PIC

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
57	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
58	Widen APW Outbound East of 82nd	Add New Lane	Provide additional capacity for anticipated growth in passenger traffic.	10	\$3,335,000		PDX/PIC
59	Deplaning Curbside Roadway Lanes	Add New Lane	Provide additional capacity for anticipated growth in passenger traffic.	20	\$2,976,000		PDX/PIC
60	Deplaning Curbside Roadway Loading	Add New Lane	Provide additional capacity for anticipated growth in passenger traffic.	20	\$324,000		PDX/PIC
61	Airport Way Westbound Approaching Return Road	Add New Lane	Provide additional capacity for anticipated growth in passenger traffic.	20	\$1,080,000		PDX/PIC
62	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
63	Terminal Exit Roadway at Parking Plaza	Add New Lane	Provide additional capacity for anticipated growth in passenger traffic.	20	\$1,104,000		PDX/PIC
64	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

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
65	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
66	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
67	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
68	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
69	West Hayden Island Rail Access	Rail access to support West Hayden Island development.	Advance rail-dependent development.	20	\$3,000,000		Rivergate
70	West Hayden Island Rail Yard	Seven track rail yard connected to facility trackage.	Advance rail development on West Hayden Island.	20	\$9,500,000		Rivergate
71	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

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
72	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	\$5,000,000		Rivergate
73	Burgard Bridge Replacement	Upgrade structure.	Replace the bridge with a slab on grade to eliminate weight restrictions.	5	\$1,445,000		Rivergate
74	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
75	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
76	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
77	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

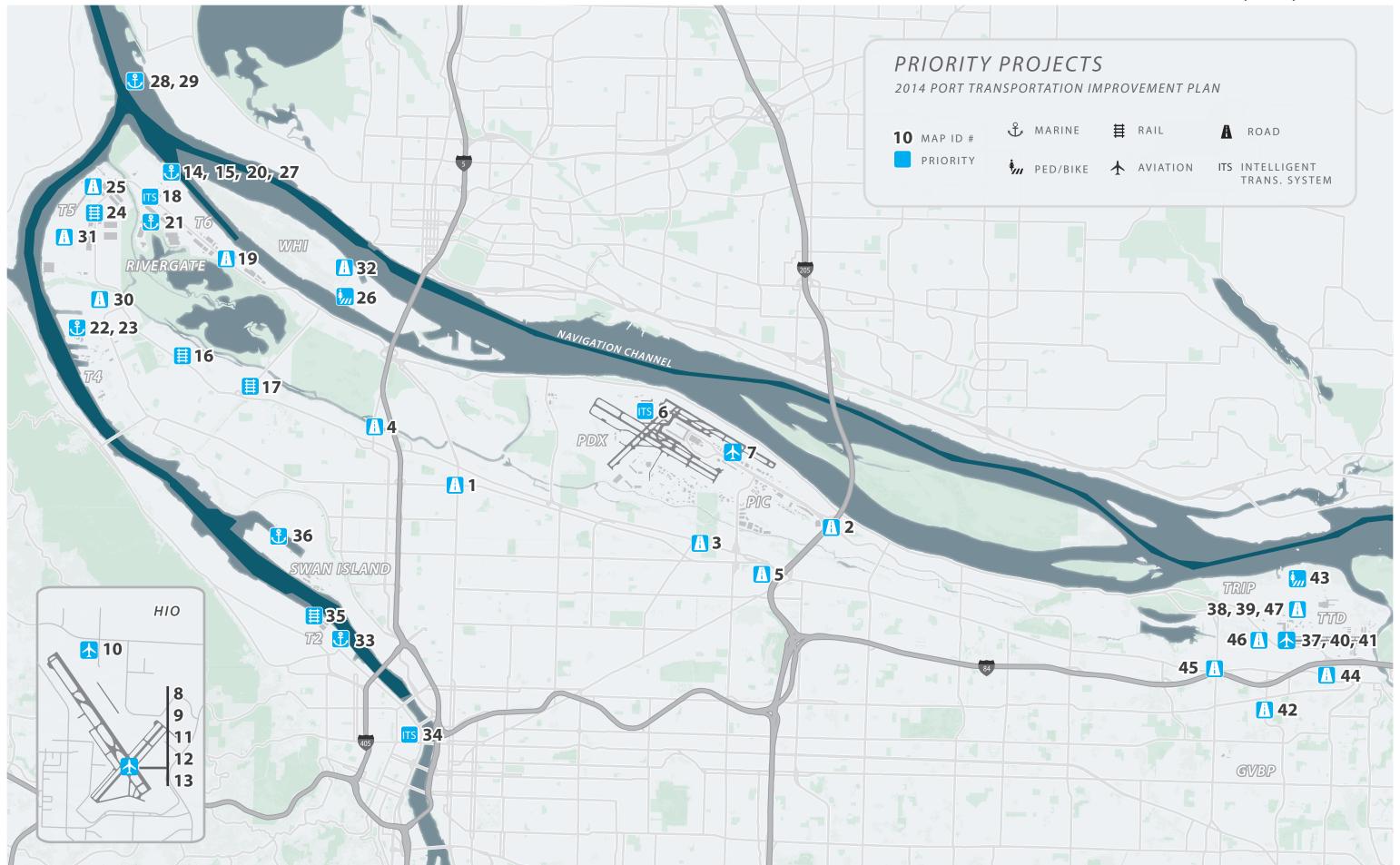
				Time Frame			
Map ID	Project Name	Project Description	Purpose	(Years)	Total Cost	Priority	Area Map
78	Columbia River Anchorage Improvements	Placement of up to seven stern buoys at different anchorages up and down the Columbia River.	Allow for the anchorage of ships in the river rather then at terminals that could otherwise be loading/unloading cargo.	5	\$2,342,000		Rivergate
79	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
80	T6 Second Entrance	Construct second entrance and rail overcrossing.	Improve capacity and safety at T6.	20	\$12,000,000		Rivergate
81	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
82	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	\$76,000,000		Rivergate
83	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	\$500,000		Rivergate

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
84	T4 Stormwater Improvements	Install stormwater improvements including control equipment such as dust filtering equipment for the warehouses and/or various types of stormwater filtering or treatment mechanisms.	Implement capital projects identified during stormwater master planning process. The improvements will be needed in order to comply with new environmental permits and water quality regulations.	5	\$4,100,000		Rivergate
85	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
86	UPRR North Portland Junction Crew Change Point	Move the crew change location closer to North Portland Junction.	Speed the crew change process and minimize the delays to both UP and BNSF with the current operation.	5			Rivergate
87	BNSF Fallbridge Double Tracking	Double Track Fallbridge line to Washougal.	Increases capacity of the BNSF east-west mainline serving Port of Portland.	10	\$72,000,000		Rivergate
88	Terminal 4 Grain Elevator Demolition	Demolish the Terminal 4 grain elevator.	Demolition of the elevator will facilitate the redevelopment of approximately 30 acres of vital marine industrial property in the Portland Harbor.	10	\$8,000,000		Rivergate

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
89	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	\$1,529,000		Rivergate
90	T4 Berth 405 and 408 Demolition	Demolish Berth 405 and Berth 408.	Remove obsolete berth structures.	5	\$18,747,222		Rivergate
91	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
92	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
93	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
94	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
95	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

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
96	T2 Storage Building Improvements	This project upgrades the existing warehouse buildings to allow for the storage of bulk cargos such as pulp.	This project is needed to upgrade the existing terminal to more efficiently handle bulk cargos.	5	\$1,000,000		T2/Swan Island
97	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			T2/Swan Island
98	Portland Terminal Mainline Access Improvements	Trains will arrive and depart Lake Yard more quickly, thus reducing the BNSF I-5 main line track blockage time.	Increase capacity along the BNSF main line.	5			T2/Swan Island
99	Dredge Oregon Booster Pump	Refurbish or replace Navigation Division 30" booster pump.	Increase production and efficiency of Dredge Oregon by Augmenting Pumping capability.	5	\$10,000,000		T2/Swan Island
100	UPRR Brooklyn Yard Derails Project	Install power derails at Brooklyn Yard connections to main line.	Will reduce blockage of north- south mainline , resulting in reduction of rail traffic delays.	5			T2/Swan Island
101	T2 Track Reconfiguration and Siding	Construct rail loop and support siding.	Increase rail capacity at Terminal 2.	10	\$8,900,000		T2/Swan Island
102	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
103	Riverside Drive Extension	Riverside Dr. Extension (Riverside Parkway to Portal Way).	Serve developing industrial parcels.	5	\$10,975,110		East County

Map ID	Project Name	Project Description	Purpose	Time Frame (Years)	Total Cost	Priority	Area Map
104	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
105	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
106	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



✓ RTP 2035 Constrained

Project Name: Columbia Blvd./Lombard St. Improvements at MLK

Map ID: 1 Time Frame (Years): **Total Cost:** 5 years \$2,228,910 **Year of Cost** Project Type: Road 2011 **Estimate:** Operation Area PDX/PIC Federal: \$2.000.000 Project Description: Improve freight movement between Columbia Blvd. and State: Lombard St. City: \$114,455 SDC: Purpose: Improve connectivity and better distribute freight traffic between Columbia Blvd. and Lombard St. Port Share **Committed:** \$114,455 Port Share JDE NUM: 810030 Forecasted: RTP Related: 10208 Private: Recent Study: Columbia Corridor Transportation Study (1999) Other: **Unfunded:** Port Strategic Area: Regional Leadership in Transportation **Estimate Rating:** ✓ RTP 2035 Illustrative Conditioned Project **▼** RTP 2035 Constrained ✓ Identified in STIP Project Name: I-205 Interchange - NB On-Ramp at Airport Way Map ID: 2 Time Frame (Years): **Total Cost:** 5 vears \$17,500,000 Year of Cost Project Type: Road 2012 **Estimate:** Operation Area PDX/PIC Federal: \$1,000,000 Project Description: New I-205 NB on-ramp and/or other improvements at I-State: \$9,500,000 205/Airport Way interchange. City: SDC: Purpose: Provide additional capacity for anticipated growth in area traffic. Port Share **Committed:** \$7,000,000 Port Share **JDE NUM: 810009** Forecasted: RTP Related: 10865 Private: Recent Study: Cascade Station/Portland Int'l Center Environmental Other: Assessment Transportation Analysis (2004) **Unfunded:** Port Strategic Area: Retain and Grow Key Services Estimate Rating: 1a ✓ RTP 2035 Illustrative ✓ Conditioned Project

✓ Identified in STIP

Project Name: Alderwood and Cully Intersections @ Columbia Blvd.

Map ID:	Time Frame (Years): 5 years	<u>Total Cost:</u>	\$12,091,000
Project Type:	Road	Year of Cost Estimate:	2013
Operation Area	PDX/PIC	<u>Federal:</u>	\$4,959,856
Project Description:	Widen and signalize intersections on Columbia Boulevard at Alderwood Rd. and Cully Boulevard.	State:	Ψ4,303,000
	at / was wood ha. and Gany Bodiovard.	<u>City:</u>	
		SDC:	
Purpose:	Provide transportation link to the cargo area located within the south airport area and to support Columbia Corridor freight movement.	Port Share Committed:	\$567,678
		<u> </u>	φοστ,στο
JDE NUM:	810020	<u>Port Share</u> <u>Forecasted:</u>	
RTP Related:	10336	Private:	
Recent Study:	Airport Futures Transportation Impact Study (2010)	Other:	
Port Strategic Area:	Retain and Grow Key Services	<u>Unfunded:</u>	\$6,563,466
✓ RTP 2035 Illustra		Estimate Rating: 30	;
RTP 2035 Constr	_		
	I-5/Columbia Blvd. Improvement	Table Oct	
Project Name:		Total Cost:	\$57,773,032
Map ID: Project Type:	4 Time Frame (Years): 10 years	Total Cost: Year of Cost Estimate:	\$57,773,032 2006
Map ID: Project Type: Operation Area	4 Time Frame (Years): 10 years Road PDX/PIC	Year of Cost	
Map ID: Project Type: Operation Area	4 Time Frame (Years): 10 years	Year of Cost Estimate:	
Map ID: Project Type: Operation Area	4 Time Frame (Years): 10 years Road PDX/PIC Construct a full interchange at Columbia Blvd. or the	Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area Project Description:	4 Time Frame (Years): 10 years Road PDX/PIC Construct a full interchange at Columbia Blvd. or the functional equivalent. Includes two projects Delta Park Phase II and Argyle on the Hill.	Year of Cost Estimate: Federal: State:	
Map ID: Project Type: Operation Area Project Description:	4 Time Frame (Years): 10 years Road PDX/PIC Construct a full interchange at Columbia Blvd. or the functional equivalent. Includes two projects Delta Park	Year of Cost Estimate: Federal: State: City:	
Map ID: Project Type: Operation Area Project Description:	4 Time Frame (Years): 10 years Road PDX/PIC Construct a full interchange at Columbia Blvd. or the functional equivalent. Includes two projects Delta Park Phase II 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	
Map ID: Project Type: Operation Area Project Description: Purpose:	4 Time Frame (Years): 10 years Road PDX/PIC Construct a full interchange at Columbia Blvd. or the functional equivalent. Includes two projects Delta Park Phase II 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:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	4 Time Frame (Years): 10 years Road PDX/PIC Construct a full interchange at Columbia Blvd. or the functional equivalent. Includes two projects Delta Park Phase II 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	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	4 Time Frame (Years): 10 years Road PDX/PIC Construct a full interchange at Columbia Blvd. or the functional equivalent. Includes two projects Delta Park Phase II 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: Other:	2006
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Time Frame (Years): 10 years Road PDX/PIC Construct a full interchange at Columbia Blvd. or the functional equivalent. Includes two projects Delta Park Phase II 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:	2006 \$57,773,032

Project Name: Columbia Blvd./I-205 SB On Ramp Improvement

Map ID:	5	Time Frame (Years):	5 years	Total Cost:	\$11,200,000
Project Type:	Road			Year of Cost Estimate:	2007
Operation Area	PDX/PIC			<u>Federal:</u>	2001
Project Description:	Expand the	on-ramp to three lanes, includi	ng for truck/HOV.	<u>r ederar.</u> State:	
				<u>City:</u>	
				SDC:	
Purpose:	Increase the Blvd.	capacity of the I-205 SB on-ra	mp at Columbia	Port Share	
				Committed:	
JDE NUM:				Port Share Forecasted:	
RTP Related:	11091			<u>Private:</u>	
Recent Study:	Colwood Go Analysis (20	olf Course Rezone Transportations	on Impact	Other:	
Port Strategic Area:	• •	•		<u>Unfunded:</u>	\$11,200,000
✓ RTP 2035 Illustra		Conditioned Project	<u> </u>	Estimate Rating:	
✓ RTP 2035 Const	rained	Identified in STIP			
Project Name:	PDX ITS	- AVI Technology			
Map ID:	6	Time Frame (Years):	5 years	Total Cost:	\$3,000,000
Project Type:	ITS			Year of Cost Estimate:	2010
Operation Area	PDX/PIC			<u>Federal:</u>	
Project Description:	Automated \	Vehicle Identification Technolo	gy	State:	
				<u>City:</u>	
Purposo:	Implement automated vehicle identification system at PDX		evetom at PDV	SDC:	
i dipooc.	to improve a	irport operations, commercial and parking shuttle bus manage	roadway	Port Share Committed:	\$3,000,000
JDE NUM:	100680			Port Share	
RTP Related:	10370			<u>Forecasted:</u> <u>Private:</u>	
Recent Study:	PDX ITS Plai	n (2001)		Other:	
Dout Chustonia A	5	2 44 2 4		<u>Unfunded:</u>	\$0
Port Strategic Area:		_	ı		ΦΟ
✓ RTP 2035 Illustra	ıııve	Conditioned Project	<u>.</u>	-Gliwald Railinu. J	
✓ RTP 2035 Const	rained	Identified in STIP		Estimate Rating: 3c	

	PDX NO	orthside Redevelopm	<u>ient</u>		
Map ID:	7	Time Frame (Years):	5 years	Total Cost:	\$5,800,000
Project Type:	Aviation			Year of Cost Estimate:	2013
Operation Area	PDX/PIC			<u>Estimate.</u> <u>Federal:</u>	2010
Project Description:	Construct a	a new apron for business aviation	on.	<u>r ederar:</u> State:	
				<u>City:</u>	
				SDC:	
Purpose:		ernight parking for commercial j for business aviation.	ets and improve	Port Share	
				Committed:	
JDE NUM:	101460			<u>Port Share</u> <u>Forecasted:</u>	
RTP Related:				<u>Private:</u>	
Recent Study:	Airport Futu	ures		Other:	
RTP 2035 Illustra	rained	☐ Conditioned Project ☐ Identified in STIP		Estimate Rating:	
Project Name:	HIO Wa	ash Racks			
Project Name: Map ID:		ash Racks Time Frame (Years):	5 years	<u>Total Cost:</u>	\$620,100
			5 years	Year of Cost	
Map ID:	8		5 years	Year of Cost Estimate:	\$620,100
Map ID: Project Type: Operation Area	8 Aviation Hillsboro	Time Frame (Years):		Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area	8 Aviation Hillsboro Construct r washing wi	Time Frame (Years): new wash racks for tenant and in the pollution control system to keep	tinerant aircraft	Year of Cost Estimate: Federal: State:	
Map ID: Project Type: Operation Area	8 Aviation Hillsboro Construct r	Time Frame (Years): new wash racks for tenant and in the pollution control system to keep	tinerant aircraft	Year of Cost Estimate: Federal: State: City:	
Map ID: Project Type: Operation Area Project Description:	8 Aviation Hillsboro Construct r washing wi out of store	Time Frame (Years): new wash racks for tenant and in the pollution control system to keep	tinerant aircraft eep wash water	Year of Cost Estimate: Federal: State: City: SDC: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	8 Aviation Hillsboro Construct r washing wi out of storn	Time Frame (Years): new wash racks for tenant and in the pollution control system to keen system.	tinerant aircraft eep wash water	Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	8 Aviation Hillsboro Construct r washing wi out of storr Improve en	Time Frame (Years): new wash racks for tenant and in the pollution control system to keen system.	tinerant aircraft eep wash water	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	8 Aviation Hillsboro Construct r washing wi out of storr Improve en	Time Frame (Years): new wash racks for tenant and in the pollution control system to keen system.	tinerant aircraft eep wash water	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:	8 Aviation Hillsboro Construct r washing wi out of storn Improve en	Time Frame (Years): new wash racks for tenant and ith pollution control system to ken system. vironmental performance at the	tinerant aircraft eep wash water	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	

Identified in STIP

RTP 2035 Constrained

Project Name: HIO Relocate Charlie Pattern Landing Site

мар ір:	9 Time Frame (Years): 5 years	<u> I otal Cost:</u>	\$1,433,100
Project Type:	Aviation	Year of Cost Estimate:	2008
Operation Area	Hillsboro	Federal:	
Project Description:	Construct a new landing site for helicopters that use the Charlie flight pattern at HIO.	State:	
		<u>City:</u>	
Purpose:	Serve helicopter training operations, and avoid operation	SDC:	
.	over noise sensitive residential zones.	Port Share Committed:	
JDE NUM:	101032	Port Share Forecasted:	
RTP Related:		Private:	
Recent Study:		Other:	
Port Strategic Area:	Retain and Grow Key Services	<u>Unfunded:</u>	\$1,433,100
RTP 2035 Illustra	tive Conditioned Project	Estimate Rating:	
RTP 2035 Constr	ained Identified in STIP		
Project Name:	HIO Construct East Access Road		
Map ID:	10 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 tenant utilities the east side of runway 12L/30R at HIO.	on State:	
	the east side of fullway 122,000 at 1110.	City:	
Dumaga		SDC:	
Purpose:	Future tenant development will require landside infrastructure to support its operation.	Port Share	
		Committed:	
JDE NUM:	101235	<u>Port Share</u> <u>Forecasted:</u>	
RTP Related:		Private:	
Recent Study:			
		Other:	
Port Strategic Area:	Retain and Grow Key Services	<u>Other:</u> <u>Unfunded:</u>	\$1,886,560
Port Strategic Area:			\$1,886,560

Project Name: HIO Relocate Taxiway AA

Map ID:	11 Time Ereme (Veer	2)	Total Cost:	#4 700 000
•	•	s): 10 years	Year of Cost	\$4,700,000
Project Type:	Aviation		Estimate:	2009
•	Hillsboro		<u>Federal:</u>	
Project Description:	Relocate a new taxiway AA.		State:	
			<u>City:</u>	
Purpose:	Replace existing taxiway AA with a ne	w taxiway with the	SDC:	
. u.poco.	appropriate design separation from ta perimeter road extension between tax tenant ramps.	axiway A. Construct a	Port Share Committed:	
JDE NUM:	101030		Port Share	
RTP Related:			<u>Forecasted:</u> <u>Private:</u>	
Recent Study:			Other:	
Dort Stratagia Arası	Data's and One - Kr. One 's an		<u>Unfunded:</u>	\$4,700,000
	Retain and Grow Key Services		Estimate Rating:	ψ .,. σσ,σσσ
RTP 2035 Illustra		ect	Estimate hatting.	
Draigat Name				
	HIO Taxiway to NW Corp			
Map ID:			Total Cost:	\$1,050,000
Map ID: Project Type:	12 Time Frame (Years		<u>Total Cost:</u> <u>Year of Cost</u> <u>Estimate:</u>	\$1,050,000 2009
Map ID: Project Type: Operation Area	12 Time Frame (Years Aviation Hillsboro	s): 5 years	Year of Cost	
Map ID: Project Type: Operation Area	12 Time Frame (Years	s): 5 years	Year of Cost Estimate:	
Map ID: Project Type: Operation Area	Time Frame (Years Aviation Hillsboro Construct a taxiway to serve new tena	s): 5 years	Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area Project Description:	Time Frame (Years Aviation Hillsboro Construct a taxiway to serve new tenadevelopment.	s): 5 years ant leasehold	Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	Time Frame (Years Aviation Hillsboro Construct a taxiway to serve new tena	s): 5 years ant leasehold	Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	Time Frame (Years Aviation Hillsboro Construct a taxiway to serve new tena development. New tenant development in the area by will require airside infrastructure.	s): 5 years ant leasehold	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 Aviation Hillsboro Construct a taxiway to serve new tena development. New tenant development in the area by will require airside infrastructure.	s): 5 years ant leasehold	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 Aviation Hillsboro Construct a taxiway to serve new tena development. New tenant development in the area by will require airside infrastructure.	s): 5 years ant leasehold	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Time Frame (Years Aviation Hillsboro Construct a taxiway to serve new tena development. New tenant development in the area be will require airside infrastructure.	s): 5 years ant leasehold	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:	Time Frame (Years Aviation Hillsboro Construct a taxiway to serve new tena development. New tenant development in the area be will require airside infrastructure. 100657 Retain and Grow Key Services	s): 5 years ant leasehold behind the HIO ATCT	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2009

Project Name: 1	HIO Construct Runway 12L/3	<u>30K</u>	
Map ID:	13 Time Frame (Years):	5 years <u>Total Cost:</u>	\$13,000,000
Project Type:	Aviation	Year of Cost	0010
Operation Area	Hillsboro	Estimate:	2010
Project Description:	Construct a new 3,200' B-1 runway and taxiv	way parallel to	
t	the main runway (12R-30L) for use by light (Extensive planning effort required including	GA aircraft.	\$4,000,000
	assessment.	<u>City:</u>	
Purpose: F	Relieves existing and future congestion at th		
		<u>Port Share</u> <u>Committed:</u>	
JDE NUM: 1	100548	<u>Port Share</u> <u>Forecasted:</u>	\$9,000,000
RTP Related:		<u>r orecasteu:</u> <u>Private:</u>	ψ3,000,000
Recent Study:		Other:	
Port Stratogic Area:	Retain and Grow Key Services	<u> </u>	
RTP 2035 Illustrati		Estimate Rating:	
RTP 2035 Constra		<u>=====================================</u>	
Project Name: [Terminal 6 Container Crane I	Modernizations 5 years Total Cost:	\$3,634,260
Project Type:	Marine	Year of Cost	
Operation Area	Rivergate	Estimate:	
Project Description:	The project will increase operating efficienci	ies and improve	
9	safety on Cranes 6373, 6374, 6375, and 637		\$2,907,408
		<u>City:</u>	
Purpose:	The project will increase the reliability of cargo handling	go handling	
ϵ	equipment, and provide more reliable servic	ee to customers. Port Share Committed:	\$726,852
JDE NUM: 7	700111	<u>Port Share</u> <u>Forecasted:</u>	
RTP Related: 1	11207	<u>r orecasted:</u> <u>Private:</u>	
Recent Study:		Other:	
Port Strategic Areas	Retain and Grow Key Services	<u>Unfunded:</u>	
i oit ottategio Alea.	netain and Grow Nev Services		

Identified in STIP

✓ RTP 2035 Constrained

Project Name:	<u>Termina</u>	al 6 Crane Drive Elec	ctronics		
Map ID:	15	Time Frame (Years):	5 years	Total Cost:	\$2,000,000
Project Type:	Marine			Year of Cost Estimate:	2011
Operation Area	Rivergate			<u>Estimate.</u> <u>Federal:</u>	2011
Project Description:		agement system upgrades for	Cranes 6373 and		
	6374.			City:	
_				SDC:	
Purpose:	Improve ope	erational efficiencies for the cor	ntainer cranes.	Port Share Committed:	
JDE NUM:	101740			Port Share	
RTP Related:				Forecasted: Private:	
Recent Study:				Other:	
Port Stratogia Aras:	Datain and	Craw Kay Candana		<u>Unfunded:</u>	\$2,000,000
Port Strategic Area:		Conditioned Project		Estimate Rating:	ΨΞ,000,000
RTP 2035 Constr		☐ Identified in STIP		<u>=====================================</u>	
Project Name:				Tabel Occid	
Map ID:		Time Frame (Years):	5 years	<u>Total Cost:</u> <u>Year of Cost</u>	\$4,543,000
Project Type:	Rail			Estimate:	2005
Operation Area	Rivergate			<u>Federal:</u>	
Project Description:	Provide a n	ew track from Barnes Yard to T	erminal 4.	State:	
				<u>City:</u>	
Purpose:	Improve rail	access to Terminal 4.		SDC:	
·	,			Port Share Committed:	
JDE NUM:	100658			Port Share Forecasted:	
RTP Related:	11355			<u>r orecasted:</u> <u>Private:</u>	
Recent Study:	Marine Tern	ninal Master Plan 2020 (2003)		Other:	
Port Strategic Area:	Regional Le	eadership in Industrial Lands		<u>Unfunded:</u>	\$4,543,000
✓ RTP 2035 Illustra		Conditioned Project		Estimate Rating: 2b	
✓ RTP 2035 Constr		Identified in STIP			

✓ RTP 2035 Illustrative

✓ RTP 2035 Constrained

Project Name: Kenton Rail Line Upgrade Map ID: 17 Time Frame (Years): 10 years **Total Cost:** \$25,382,000 **Year of Cost** Project Type: Rail 2003 **Estimate: Operation Area** Rivergate Federal: Project Description: Upgrade existing track to second main track with new State: double track from Peninsula Junction to I-205 and increase track speeds between North Portland, Peninsula Junction. City: to Reynolds on UP's Kenton Line. Part of triangle project with ODOT SDC: **Purpose:** Expand rail capacity and reduce delays for greater efficiency. Port Share **Committed:** Port Share JDE NUM: Forecasted: RTP Related: 11356 Private: Recent Study: I-5 Rail Capacity Study (HDR, 2003) Other: **Unfunded:** \$25.382.000 Port Strategic Area: Regional Leadership in Transportation Estimate Rating: ✓ RTP 2035 Illustrative Conditioned Project ✓ RTP 2035 Constrained ✓ Identified in STIP Project Name: Rivergate ITS Map ID: 18 Time Frame (Years): **Total Cost:** \$480,000 5 years Year of Cost Project Type: ITS **Estimate:** 2007 **Operation Area** Rivergate Federal: **Project Description:** Intelligent Transportation System in Rivergate. State: City: SDC: **Purpose:** Improve traffic efficiency in Rivergate by connecting information about the roadway system to ODOT's Highway **Port Share** ITC systems. **Committed: Port Share** JDE NUM: Forecasted: RTP Related: 10373 **Private: Recent Study:** Other: **Unfunded:** \$480,000 Port Strategic Area: Regional Leadership in Transportation

Conditioned Project

Identified in STIP

Estimate Rating: 3c

Project Name:	Marine Dr. Impro	vement Pha	ase 2		
Map ID:	19 Time Fran	ne (Years):	20 years	Total Cost:	\$13,644,200
Project Type:	Road			Year of Cost	0000
Operation Area	Rivergate			Estimate:	2003
Project Description:	Construct rail overcrossin	g on Marine Dr.		<u>Federal:</u>	
				State:	
				<u>City:</u>	
Purpose:	Avoid road/rail conflict.			SDC:	
				Port Share Committed:	
JDE NUM:				<u>Port Share</u> Forecasted:	
RTP Related:	10379			<u>Private:</u>	
Recent Study:				Other:	
Port Strategic Area:	Regional Leadership in Tr	anenortation		<u>Unfunded:</u>	\$13,644,200
RTP 2035 Illustra		ioned Project		Estimate Rating: 3c	
✓ RTP 2035 Constr		ed in STIP	·		
Project Name:		water Syste	<u>em</u>		
Project Name:		water Systense (Years):	em 5 years	Total Cost:	\$5,000,000
Map ID: Project Type:				Total Cost: Year of Cost Estimate:	\$5,000,000 2012
Map ID: Project Type: Operation Area	20 Time Fran Marine Rivergate	ne (Years):	5 years	Year of Cost	
Map ID: Project Type:	20 Time Fran Marine Rivergate	ne (Years):	5 years	Year of Cost Estimate:	
Map ID: Project Type: Operation Area	20 Time Fran Marine Rivergate	ne (Years):	5 years	Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area Project Description:	20 Time France Marine Rivergate Design and construct a st	ne (Years):	5 years	Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	20 Time Fran Marine Rivergate	ne (Years):	5 years	Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	20 Time France Marine Rivergate Design and construct a state The project will modernize container yard.	ne (Years):	5 years	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose:	20 Time France Marine Rivergate Design and construct a state The project will modernize container yard.	ne (Years):	5 years	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	20 Time France Marine Rivergate Design and construct a state The project will modernize container yard.	ne (Years):	5 years	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 Design and construct a state of the project will modernize container yard.	ne (Years): tormwater system to the storm draina	5 years	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:	20 Time France Marine Rivergate Design and construct a state The project will modernize container yard. 101653 Portwide Environmental S	ne (Years): tormwater system to the storm draina	5 years n. age system in the	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	

Project Name: Auto Import /Export Expansion

Map ID:	Time Frame (Years): 5 years	<u>Total Cost:</u>	\$14,000,000
Project Type:	Marine	<u>Year of Cost</u> <u>Estimate:</u>	2009
Operation Area	Rivergate	<u>Federal:</u>	
Project Description:	The project will construct site improvements to expan	nd the	
	storage and processing capacity for auto imports and exports through Berth 601 at Terminal 6. By increasing	ч	
	storage and processing capacity, the Berth 601 auto can increase throughput.	lacility	
Purpose:	Increase the storage and processing capacity for auto	SDC:	
·	imports and exports through Berth 601, thereby allowing an increase of volumes, leading to increased employr	ing for Port Share	
JDE NUM:	101764	Port Share	
RTP Related:		<u>Forecasted:</u> <u>Private:</u>	
Recent Study:		Other:	
•			A 000 000
	Retain and Grow Key Services	<u>Unfunded:</u>	\$14,000,000
RTP 2035 Illustra		Estimate Rating:	2b
☐ RTP 2035 Consti	ained Identified in STIP		
Project Name:	Terminal 4 Pier 1 Site Preparation		
Project Name:			\$12,000,000
		Year of Cost	
Map ID:	Time Frame (Years): 5 years	Year of Cost Estimate:	\$12,000,000 2012
Map ID: Project Type: Operation Area	22 Time Frame (Years): 5 years Marine Rivergate Demolish various structures and improve certain	Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area	22 Time Frame (Years): 5 years Marine Rivergate	Year of Cost Estimate: Federal: State:	
Map ID: Project Type: Operation Area	22 Time Frame (Years): 5 years Marine Rivergate Demolish various structures and improve certain	Year of Cost Estimate: Federal: State: City:	
Map ID: Project Type: Operation Area Project Description:	22 Time Frame (Years): 5 years Marine Rivergate Demolish various structures and improve certain infrastructure features in the Pier 1 area of Terminal 4. This project will facilitate the redevelopment of	Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	22 Time Frame (Years): 5 years Marine Rivergate Demolish various structures and improve certain infrastructure features in the Pier 1 area of Terminal 4.	Year of Cost Estimate: Federal: State: City: SDC: erty in Port Share Committed:	
Map ID: Project Type: Operation Area Project Description:	Time Frame (Years): 5 years Marine Rivergate Demolish various structures and improve certain infrastructure features in the Pier 1 area of Terminal 4. This project will facilitate the redevelopment of approximately 30 acres of vital marine industrial properties.	Year of Cost Estimate: Federal: State: City: SDC: erty in Port Share Committed: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose:	Time Frame (Years): 5 years Marine Rivergate Demolish various structures and improve certain infrastructure features in the Pier 1 area of Terminal 4. This project will facilitate the redevelopment of approximately 30 acres of vital marine industrial properties Portland Harbor.	Year of Cost Estimate: Federal: State: City: SDC: erty in Port Share Committed: Port Share Forecasted:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	Time Frame (Years): 5 years Marine Rivergate Demolish various structures and improve certain infrastructure features in the Pier 1 area of Terminal 4. This project will facilitate the redevelopment of approximately 30 acres of vital marine industrial properties Portland Harbor.	Year of Cost Estimate: Federal: State: City: SDC: erty in Port Share Committed: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Time Frame (Years): 5 years Marine Rivergate Demolish various structures and improve certain infrastructure features in the Pier 1 area of Terminal 4. This project will facilitate the redevelopment of approximately 30 acres of vital marine industrial proper the Portland Harbor. 101739 11208 Terminal 4 Pier 1 Facility Plan (TEC Inc.)	Year of Cost Estimate: Federal: State: City: SDC: erty in Port Share Committed: Port Share Forecasted: Private:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Marine Rivergate Demolish various structures and improve certain infrastructure features in the Pier 1 area of Terminal 4. This project will facilitate the redevelopment of approximately 30 acres of vital marine industrial properties Portland Harbor. 101739 11208 Terminal 4 Pier 1 Facility Plan (TEC Inc.) Regional Leadership in Industrial Lands	Year of Cost Estimate: Federal: State: City: SDC: erty in Port Share Committed: Port Share Forecasted: Private: Other:	2012

Project Name:	Berth Deepening at T2 and T4		
Map ID:	Time Frame (Years): 5 years	Total Cost:	\$3,000,000
Project Type:	Marine	Year of Cost	0010
Operation Area	Rivergate	Estimate:	2012
Project Description:	Deepen berths at Terminals 2 and 4 to allow deeper draft	<u>Federal:</u>	
	vessels to transit the planned 43 foot channel.	State:	
		<u>City:</u>	
Purpose:	Allow better utilization of Panamax-class bulk vessels.	SDC: Port Share Committed:	
JDE NUM:		Port Share Forecasted:	
Recent Study:		<u>Private:</u>	
necent ctuay.		Other:	
Port Strategic Area:	Retain and Grow Key Services	<u>Unfunded:</u>	\$3,000,000
RTP 2035 Illustra		stimate Rating:	
	T5 Berth 503 Terminal Expansion	Total Octob	
Map ID:	Time Frame (Years): 5 years	Total Cost:	\$150,000,000
Map ID: Project Type:	24 Time Frame (Years): 5 years	Total Cost: Year of Cost Estimate:	\$150,000,000
Map ID: Project Type: Operation Area	24 Time Frame (Years): 5 years Rail Rivergate	Year of Cost	\$150,000,000
Map ID: Project Type: Operation Area	24 Time Frame (Years): 5 years Rail Rivergate Construct a fourth rail loop, second dumper pit, storage building, shiploader and berth improvements at Terminal 5	Year of Cost Estimate:	\$150,000,000
Map ID: Project Type: Operation Area	24 Time Frame (Years): 5 years Rail Rivergate Construct a fourth rail loop, second dumper pit, storage	Year of Cost Estimate: Federal:	\$150,000,000
Map ID: Project Type: Operation Area Project Description:	24 Time Frame (Years): 5 years Rail Rivergate Construct a fourth rail loop, second dumper pit, storage building, shiploader and berth improvements at Terminal 5 potash export facility.	Year of Cost Estimate: Federal: State:	\$150,000,000
Map ID: Project Type: Operation Area Project Description:	24 Time Frame (Years): 5 years Rail Rivergate Construct a fourth rail loop, second dumper pit, storage building, shiploader and berth improvements at Terminal 5	Year of Cost Estimate: Federal: State: City:	\$150,000,000
Map ID: Project Type: Operation Area Project Description:	24 Time Frame (Years): 5 years Rail Rivergate Construct a fourth rail loop, second 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 fourth rail loop, second 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:	\$150,000,000 \$20,000,000
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	Time Frame (Years): 5 years Rail Rivergate Construct a fourth rail loop, second 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	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Rail Rivergate Construct a fourth rail loop, second 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:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Rail Rivergate Construct a fourth rail loop, second 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: Other:	\$20,000,000 \$130,000,000

Project Name:	Terminal 5 Entrance Road		
Map ID:	25 Time Frame (Years): 5 years	Total Cost:	\$1,200,000
Project Type:	Road	Year of Cost	0011
Operation Area	Rivergate	Estimate:	2011
Project Description:	Provide improvements on the south side of the roadway a	<u>Federal:</u>	
	well as rail crossing improvements.	<u>State:</u>	
		<u>City:</u>	
Purpose:	The project will address increased traffic needs.	SDC:	
		Port Share Committed:	
JDE NUM:	101716	<u>Port Share</u> Forecasted:	
RTP Related:		<u>Private:</u>	
Recent Study:		Other:	
Port Strategic Area:	Retain and Grow Key Services	<u>Unfunded:</u>	\$1,200,000
RTP 2035 Illustra		Estimate Rating: 3c	
RTP 2035 Consti			
	West Hayden Island Beach Access		
Map ID:	Time Frame (Years): 5 years	Total Cost:	\$50,000
Map ID: Project Type:		<u>Total Cost:</u> <u>Year of Cost</u> <u>Estimate:</u>	\$50,000 2011
Map ID: Project Type: Operation Area	26 Time Frame (Years): 5 years Bike/Ped Rivergate	Year of Cost <u>Estimate:</u> <u>Federal:</u>	
Map ID: Project Type: Operation Area	26 Time Frame (Years): 5 years Bike/Ped Rivergate Develop trail for public access to the public beaches on the public beaches o	Year of Cost <u>Estimate:</u> <u>Federal:</u>	
Map ID: Project Type: Operation Area	26 Time Frame (Years): 5 years Bike/Ped Rivergate	Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area Project Description:	26 Time Frame (Years): 5 years Bike/Ped Rivergate Develop trail for public access to the public beaches on tonorth shore of WHI.	Year of Cost Estimate: Federal: be State:	
Map ID: Project Type: Operation Area Project Description:	26 Time Frame (Years): 5 years Bike/Ped Rivergate Develop trail for public access to the public beaches on the public beaches o	Year of Cost Estimate: Federal: be State: City:	
Map ID: Project Type: Operation Area Project Description:	26 Time Frame (Years): 5 years Bike/Ped Rivergate Develop trail for public access to the public beaches on tonorth shore of WHI.	Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	26 Time Frame (Years): 5 years Bike/Ped Rivergate Develop trail for public access to the public beaches on tonorth shore of WHI. Increase public access for community recreation needs.	Year of Cost Estimate: Federal: State: City: SDC: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	26 Time Frame (Years): 5 years Bike/Ped Rivergate Develop trail for public access to the public beaches on tonorth shore of WHI. Increase public access for community recreation needs.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	26 Time Frame (Years): 5 years Bike/Ped Rivergate Develop trail for public access to the public beaches on tonorth shore of WHI. Increase public access for community recreation needs.	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:	26 Time Frame (Years): 5 years Bike/Ped Rivergate Develop trail for public access to the public beaches on tonorth shore of WHI. Increase public access for community recreation needs.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	26 Time Frame (Years): 5 years Bike/Ped Rivergate Develop trail for public access to the public beaches on tonorth shore of WHI. Increase public access for community recreation needs. 101657 Regional Leadership in Industrial Lands	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2011

Project Name:	Terminal 6 Wharf Optimization		
Map ID:	27 Time Frame (Years): 5 years	Total Cost:	\$1,500,000
Project Type:	Marine	Year of Cost	0011
Operation Area	Rivergate	Estimate:	2011
Project Description:	Crane management system upgrades for Crane 6375.	<u>Federal:</u>	
	Crane travel improvements for Cranes 6380 and 6381.	State:	\$1,200,000
		City:	
Purpose	Improve operational efficiencies for the container cranes.	SDC: Port Share Committed:	\$300,000
JDE NUM:		Port Share Forecasted:	
Recent Study:		Private:	
necent classy.		Other:	
Port Strategic Area	Retain and Grow Key Services	<u>Unfunded:</u>	
RTP 2035 Illustr		Estimate Rating:	
	Columbia River Mouth Jetty Refurbish	<u>ment</u>	
Project Name:		Total Cost:	\$75,000,000
		<u>Total Cost:</u> <u>Year of Cost</u>	\$75,000,000 2012
Map ID:	: 28 Time Frame (Years): 5 years	Total Cost: Year of Cost Estimate:	
Map ID: Project Type: Operation Area	28 Time Frame (Years): 5 years Marine Rivergate Refurbish and repair the north and south jetties at the	<u>Total Cost:</u> <u>Year of Cost</u>	
Map ID: Project Type: Operation Area	28 Time Frame (Years): 5 years Marine Rivergate	Total Cost: Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area Project Description:	Marine Rivergate Refurbish and repair the north and south jetties at the mouth of the Columbia River.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	28 Time Frame (Years): 5 years Marine Rivergate Refurbish and repair the north and south jetties at the	Total Cost: Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	28 Time Frame (Years): 5 years Marine Rivergate 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 E	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose:	28 Time Frame (Years): 5 years Marine Rivergate 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 E	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:	Marine Rivergate 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 Betties Alpha River Betties Al	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Marine Rivergate 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 B	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:	Marine Rivergate 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 Bear and the River	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2012

Project Name: Columbia River Underkeel Clearance Study Map ID: 29 Time Frame (Years): **Total Cost:** 5 years \$1,319,000 **Year of Cost** Project Type: Marine 2013 **Estimate: Operation Area** Rivergate Federal: Project Description: Underkeel clearance study for ships moving between the State: Columbia Bar and Portland. City: SDC: Purpose: Understand vessel underclearance in Columbia River to optimize safety and payload. **Port Share Committed:** \$65,000 Port Share JDE NUM: Forecasted: **RTP Related:** Private: **Recent Study:** \$329,700 Other: **Unfunded:** \$923.300 Port Strategic Area: Regional Leadership in Transportation **Estimate Rating:** RTP 2035 Illustrative Conditioned Project RTP 2035 Constrained Identified in STIP Project Name: <u>Time Oil Road Reconstruction</u> **Map ID: 30** Time Frame (Years): 10 years **Total Cost:** \$9,000,000 **Year of Cost** Project Type: Road 2013 **Estimate: Operation Area** Rivergate Federal: Project Description: Reconstruct Time Oil Road. State: City: SDC: Purpose: Provide improved access to South Rivergate industrial area. **Port Share Committed:**

JDE NUM:

RTP Related:
Recent Study:

Port Strategic Area: Regional Leadership in Transportation
RTP 2035 Illustrative
RTP 2035 Constrained

Identified in STIP

Port Share

Project Name:	Rivergate Boulevard Overcrossing		
Map ID:	31 Time Frame (Years): 10 year	Total Cost:	\$14,200,000
Project Type:	Road	<u>Year of Cost</u> <u>Estimate:</u>	2011
Operation Area	Rivergate	<u>Estimate.</u> <u>Federal:</u>	2011
Project Description:	Grade Separate South Rivergate Lead at Rivergate E	Blvd	
		State:	
		<u>City:</u>	
Purpose:	Improve rail and vehicle traffic flow in Rivergate Industrict.	strial Port Share Committed:	
IDE NUM		Port Share	
JDE NUM:		Forecasted:	
RTP Related:		<u>Private:</u>	
Recent Study:		Other:	
	Regional Leadership in Transportation	<u>Unfunded:</u>	\$14,200,000
Port Strategic Area:			
Port Strategic Area:	tive Conditioned Project	Estimate Rating: 30	;
		Estimate Rating: 3c	:
RTP 2035 Illustra RTP 2035 Consti	N. Hayden Island Drive		,
RTP 2035 Illustra RTP 2035 Consti	N. Hayden Island Drive	s <u>Total Cost:</u>	\$12,000,000
RTP 2035 Illustra RTP 2035 Consti	N. Hayden Island Drive	s <u>Total Cost:</u> <u>Year of Cost</u>	
RTP 2035 Illustra RTP 2035 Consti	N. Hayden Island Drive	rs <u>Total Cost:</u> <u>Year of Cost</u> <u>Estimate:</u>	\$12,000,000
RTP 2035 Illustra RTP 2035 Constr Project Name: Map ID: Project Type: Operation Area	N. Hayden Island Drive Time Frame (Years): 10 years	Total Cost: Year of Cost Estimate: Federal:	\$12,000,000
RTP 2035 Illustra RTP 2035 Constr Project Name: Map ID: Project Type: Operation Area	N. Hayden Island Drive Time Frame (Years): 10 year	Total Cost: Year of Cost Estimate: Federal: State:	\$12,000,000
RTP 2035 Illustra RTP 2035 Constr Project Name: Map ID: Project Type: Operation Area Project Description:	N. Hayden Island Drive 32 Time Frame (Years): 10 year Rivergate Reconstruct N. Hayden Island Drive.	Total Cost: Year of Cost Estimate: Federal: State: City:	\$12,000,000
RTP 2035 Illustra RTP 2035 Constr Project Name: Map ID: Project Type: Operation Area Project Description:	N. Hayden Island Drive Time Frame (Years): 10 year	Total Cost: Year of Cost Estimate: Federal: State: City: SDC:	\$12,000,000
RTP 2035 Illustra RTP 2035 Constr Project Name: Map ID: Project Type: Operation Area Project Description:	N. Hayden Island Drive 32 Time Frame (Years): 10 year Rivergate Reconstruct N. Hayden Island Drive.	Total Cost: Year of Cost Estimate: Federal: State: City:	\$12,000,000
RTP 2035 Illustra RTP 2035 Constr Project Name: Map ID: Project Type: Operation Area Project Description:	N. Hayden Island Drive 32 Time Frame (Years): 10 year Rivergate Reconstruct N. Hayden Island Drive. Provide improved access to West Hayden Island.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	\$12,000,000
RTP 2035 Illustra RTP 2035 Constr Project Name: Map ID: Project Type: Operation Area Project Description: Purpose:	N. Hayden Island Drive 32 Time Frame (Years): 10 year Rivergate Reconstruct N. Hayden Island Drive. Provide improved access to West Hayden Island.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	\$12,000,000
RTP 2035 Illustra RTP 2035 Constr Project Name: Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	N. Hayden Island Drive 32 Time Frame (Years): 10 year Rivergate Reconstruct N. Hayden Island Drive. Provide improved access to West Hayden Island.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	\$12,000,000
RTP 2035 Illustra RTP 2035 Constr Project Name: Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	N. Hayden Island Drive 32 Time Frame (Years): 10 year Rivergate Reconstruct N. Hayden Island Drive. Provide improved access to West Hayden Island. 102151 West Hayden Island Concept Plan 2012	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	\$12,000,000 2012
RTP 2035 Illustra RTP 2035 Constr Project Name: Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study: Port Strategic Area:	N. Hayden Island Drive 32 Time Frame (Years): 10 year Rivergate Reconstruct N. Hayden Island Drive. Provide improved access to West Hayden Island. 102151 West Hayden Island Concept Plan 2012 Retain and Grow Key Services	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other: Unfunded:	\$12,000,000
RTP 2035 Illustra RTP 2035 Constr Project Name: Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	N. Hayden Island Drive 32 Time Frame (Years): 10 year Rivergate Reconstruct N. Hayden Island Drive. Provide improved access to West Hayden Island. 102151 West Hayden Island Concept Plan 2012 Retain and Grow Key Services Ative Conditioned Project	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	\$12,000,000 2012

Project Name:	Terminal 2 Crane Upgrade		
Map ID:	33 Time Frame (Years): 5 years	Total Cost:	\$2,300,000
Project Type:	Marine	Year of Cost	2013
Operation Area	T2/Swan Island	Estimate:	2013
Project Description:	The project will modify and upgrade Crane 2372, located a	Federal:	
	Terminal 2. The improvements will increase the suitability and efficiency of the crane to handle bulk cargoes.	State.	
		<u>City:</u>	
Purpose:	The improvements will increase the suitability and efficienc of the cranes to handle bulk cargoes.	SDC: Port Share Committed:	
JDE NUM:	101496	Port Share Forecasted:	
RTP Related:		<u>Private:</u>	
Recent Study:		Other:	
Port Strategic Area:	Retain and Grow Key Services	<u>Unfunded:</u>	\$2,300,000
RTP 2035 Illustra	tive Conditioned Project	Estimate Rating: 2b	
Project Name:	PSU ITS Expansion	Total Cost:	
•		<u>Total Cost:</u> <u>Year of Cost</u>	
Project Type:	TO(0) and blood	Estimate:	
Operation Area	T2/Swan Island	<u>Federal:</u>	
Project Description:	Expand PSU's existing web based ITS "count sensor" program beyond the freeway to some key arterials	State:	
	throughout the region and create a repository of regional freight data.	<u>City:</u>	
Purpose:	To secure truck flow and congestion data.	SDC:	
·		Port Share Committed:	
JDE NUM:		Port Share Forecasted:	
RTP Related:	10377	<u>Private:</u>	
Recent Study:		Other:	
Port Strategic Area:	Regional Leadership in Transportation	<u>Unfunded:</u>	
✓ RTP 2035 Illustra		Estimate Rating: N/A	
RTP 2035 Consti	_	-	

RTP 2035 Illustrative

RTP 2035 Constrained

Project Name: Terminal 2 Rail Improvement Map ID: 35 Time Frame (Years): **Total Cost:** 5 years \$2,200,000 **Year of Cost** Project Type: Rail 2013 **Estimate:** Operation Area T2/Swan Island Federal: Project Description: Add approximately 600 feet to the inner track (Track 10) and State: connect it with the outer loop (Track 15). A third track may also be constructed and a rail scaling station added in City: addition to stormwater improvements to the dock. SDC: Purpose: Increase rail capacity and operating efficiencies at Terminal Port Share **Committed: Port Share JDE NUM: 101046** Forecasted: **RTP Related:** Private: **Recent Study:** Other: **Unfunded:** \$2,200,000 Port Strategic Area: Retain and Grow Key Services Estimate Rating: 3c RTP 2035 Illustrative Conditioned Project RTP 2035 Constrained Identified in STIP Project Name: <u>Dredge Oregon Repower</u> **Map ID**: 36 Time Frame (Years): **Total Cost:** 5 years \$19,600,000 **Year of Cost** Project Type: Marine Estimate: 2011 Operation Area T2/Swan Island Federal: \$484,522 Project Description: Replace and modernize controls, dredge pumps, dredge State: \$5.000.000 main engine, 2 auxiliary generator engines all powered by diesel. Replacement is anticipated to reduce fuel use by City: 40% for a savings of 160-200K gallons of fuel during a normal dredging season. SDC: Purpose: Repower the Dredge Oregon. Port Share **Committed:** Port Share **JDE NUM:** 101457 \$14,115,478 Forecasted: **RTP Related: Private: Recent Study:** Other: **Unfunded:** Port Strategic Area: Retain and Grow Key Services

Conditioned Project

Identified in STIP

Estimate Rating: 1a

Project Name:	TTD Site Development for New Hanga	r Development	
Map ID: Project Type:	37 Time Frame (Years): 5 years Aviation	<u>Total Cost:</u> <u>Year of Cost</u>	\$1,000,000
Operation Area		Estimate:	
•	East County	<u>Federal:</u>	
Project Description:	Construct new utilities and infrastructure to make site read for development.	<u>State:</u>	
		<u>City:</u>	
Purpose:	Will support development of approximately 20,000 square	SDC:	
	feet of workshop hangar space at Troutdale.	Port Share Committed:	
JDE NUM:	100601	Port Share	
RTP Related:		<u>Forecasted:</u> <u>Private:</u>	
Recent Study:		Other:	
David Ohmatania Amaa		<u>Unfunded:</u>	\$1,000,000
RTP 2035 Illustra	Retain and Grow Key Services	Estimate Rating:	Ψ1,000,000
RTP 2035 Illustra		<u>Loundle Hating.</u>	
	Swigert Way Extension		
Map ID:	38 Time Frame (Years): 5 years	Total Cost:	\$2,500,000
Project Type:	Road	Year of Cost Estimate:	
Operation Area	East County		2008
Project Description:		<u>Federal:</u>	2008
, '	Extend Swigert Way from it existing terminus to Graham Road.	<u>Federal:</u> <u>State:</u>	2008
, ,			2008
	Road.	State:	2008
		<u>State:</u> <u>City:</u>	2008
	Road. Improve access to Troutdale Reynolds Industrial Park.	State: City: SDC: Port Share Committed: Port Share	2008
Purpose:	Road. Improve access to Troutdale Reynolds Industrial Park. 101633	State: City: SDC: Port Share Committed:	2008
Purpose: JDE NUM:	Road. Improve access to Troutdale Reynolds Industrial Park. 101633	State: City: SDC: Port Share Committed: Port Share Forecasted:	2008
Purpose: JDE NUM: RTP Related: Recent Study:	Road. Improve access to Troutdale Reynolds Industrial Park. 101633	State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	2008 \$2,500,000
Purpose: JDE NUM: RTP Related: Recent Study:	Road. Improve access to Troutdale Reynolds Industrial Park. 101633 11231 Regional Leadership in Industrial Lands	State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	

RTP 2035 Illustrative

RTP 2035 Constrained

Project Name: Graham Road **Map ID: 39** Time Frame (Years): **Total Cost:** 5 years \$10,000,000 **Year of Cost** Project Type: Road 2009 **Estimate: Operation Area** East County Federal: **Project Description:** Reconstruct and/or widen Graham Road along Troutdale State: \$2,000,000 Reynolds Industrial Park frontage. City: SDC: Purpose: Improve access to Troutdale Reynolds Industrial Park Phase Port Share **Committed: Port Share** JDE NUM: 101633 Forecasted: RTP Related: 11232, 11130 Private: **Recent Study:** Other: **Unfunded:** \$8,000,000 Port Strategic Area: Regional Leadership in Industrial Lands **Estimate Rating:** ✓ RTP 2035 Illustrative Conditioned Project **✓** RTP 2035 Constrained Identified in STIP Project Name: TTD Reconstruct runway 7-25 Map ID: 40 Time Frame (Years): **Total Cost:** 5 years \$12,534,000 **Year of Cost** Project Type: Aviation 2010 **Estimate: Operation Area** East County Federal: Project Description: Reconstruct existing 150' x 5400' runway; narrow to 75' wide, State: relocated/reconstruct edge lighting, construct required drainage improvements. City: SDC: Purpose: Project identified in 2004 TTD Master Plan. **Port Share** Committed: Port Share **JDE NUM:** 101039 Forecasted: **RTP Related:** Private: **Recent Study:** Other: **Unfunded:** \$12.534.000 Port Strategic Area: Retain and Grow Key Services

Conditioned Project

Identified in STIP

Estimate Rating:

Project Name:	TTD Rehabilitate Taxiway A		
Map ID:	Time Frame (Years): 5 years	Total Cost:	\$5,000,000
Project Type:	Aviation	Year of Cost	2010
Operation Area	East County	Estimate:	2010
Project Description:	Rehabilitation of full-length parallel taxiway A including	<u>Federal:</u>	
	lighting and markings.	State:	
		City:	
Purpose:	Project recommended in 2004 Master Plan and verified by Port assessment of pavement condition and expected remaining life.	SDC: Port Share Committed:	
JDE NUM:		Port Share Forecasted:	
RTP Related:		<u>Private:</u>	
Recent Study:		Other:	
Port Strategic Areas	Retain and Grow Key Services	<u>Unfunded:</u>	\$5,000,000
		Catimata Datings	
RTP 2035 Illustra	_	Estimate Rating:	
RTP 2035 Const		Esumate Hating:	
RTP 2035 Const	rained	<u>Total Cost:</u>	\$9,769,340
□ RTP 2035 Const	Identified in STIP NE 238th Drive: Halsey to Glisan	<u>Total Cost:</u> <u>Year of Cost</u>	\$9,769,340 2012
RTP 2035 Const	NE 238th Drive: Halsey to Glisan 42 Time Frame (Years): 5 years Road	Total Cost: Year of Cost Estimate:	2012
RTP 2035 Const Project Name: Map ID: Project Type: Operation Area	NE 238th Drive: Halsey to Glisan 42 Time Frame (Years): 5 years Road East County Construct improvements for freight by modifying road	Total Cost: Year of Cost Estimate: Federal:	
RTP 2035 Const Project Name: Map ID: Project Type: Operation Area	NE 238th Drive: Halsey to Glisan 42 Time Frame (Years): 5 years Road East County	Total Cost: Year of Cost Estimate: Federal: State:	2012
RTP 2035 Const Project Name: Map ID: Project Type: Operation Area	NE 238th Drive: Halsey to Glisan 42 Time Frame (Years): 5 years Road East County Construct improvements for freight by modifying road curvature. Also adds improvements for bikes and	Total Cost: Year of Cost Estimate: Federal: State: City:	2012
RTP 2035 Const Project Name: Map ID: Project Type: Operation Area Project Description:	NE 238th Drive: Halsey to Glisan 42 Time Frame (Years): 5 years Road East County Construct improvements for freight by modifying road curvature. Also adds improvements for bikes and	Total Cost: Year of Cost Estimate: Federal: State: City: SDC:	2012
RTP 2035 Const Project Name: Map ID: Project Type: Operation Area Project Description:	NE 238th Drive: Halsey to Glisan 42 Time Frame (Years): 5 years Road East County Construct improvements for freight by modifying road curvature. Also adds improvements for bikes and pedestrians.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC:	2012
Project Name: Map ID: Project Type: Operation Area Project Description:	NE 238th Drive: Halsey to Glisan 42 Time Frame (Years): 5 years Road East County Construct improvements for freight by modifying road curvature. Also adds improvements for bikes and pedestrians. Will improve freight access to Gresham Vista Business Par	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share	2012
RTP 2035 Const Project Name: Map ID: Project Type: Operation Area Project Description: Purpose:	NE 238th Drive: Halsey to Glisan 42 Time Frame (Years): 5 years Road East County Construct improvements for freight by modifying road curvature. Also adds improvements for bikes and pedestrians. Will improve freight access to Gresham Vista Business Par	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	2012
Project Name: Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	NE 238th Drive: Halsey to Glisan 42 Time Frame (Years): 5 years Road East County Construct improvements for freight by modifying road curvature. Also adds improvements for bikes and pedestrians. Will improve freight access to Gresham Vista Business Par	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	2012
Project Name: Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	NE 238th Drive: Halsey to Glisan 42 Time Frame (Years): 5 years Road East County Construct improvements for freight by modifying road curvature. Also adds improvements for bikes and pedestrians. Will improve freight access to Gresham Vista Business Par	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2012
Project Name: Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study: Port Strategic Area:	NE 238th Drive: Halsey to Glisan 42 Time Frame (Years): 5 years Road East County Construct improvements for freight by modifying road curvature. Also adds improvements for bikes and pedestrians. Will improve freight access to Gresham Vista Business Par East Metro Connections Plan Regional Leadership in Transportation	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other: Unfunded:	2012
Project Name: Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	NE 238th Drive: Halsey to Glisan 42 Time Frame (Years): 5 years Road East County Construct improvements for freight by modifying road curvature. Also adds improvements for bikes and pedestrians. Will improve freight access to Gresham Vista Business Par East Metro Connections Plan Regional Leadership in Transportation Tonditioned Project	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2012

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

Map ID:	43	Time Frame (Years):	5 years	Total Cost:	\$2,588,232
Project Type:	Bike/Ped			Year of Cost Estimate:	2008
Operation Area	East County				
Project Description:	Construct a	1.7 mile mixed use off road tr	ail connecting	<u>Federal:</u>	\$2,322,421
	Blue Lake Pa	ark and Sundial Road.		State:	***
				<u>City:</u>	\$88,604
Purpose:		ith the Port's Reynolds levee	trail it will comple		
	a 3.3 mile ga	p in the 40 Mile Loop Trail.		Port Share Committed:	\$177,208
JDE NUM:	102069			<u>Port Share</u> <u>Forecasted:</u>	
RTP Related:	10408			<u>Private:</u>	
Recent Study:				Other:	
Port Strategic Area:	Regional Lea	aderehin in Transportation		<u>Unfunded:</u>	
✓ RTP 2035 Illustra		Conditioned Project		Estimate Rating:	
✓ RTP 2035 Const	rained	☐ Identified in STIP			
Project Name:	<u>Troutdal</u>	e Interchange (Exit	17) Improv	rements	
Project Name:		e Interchange (Exit Time Frame (Years):	17) Improv 5 years	rements Total Cost:	\$32,200,000
Map ID: Project Type:	44 Road				\$32,200,000 2007
Map ID: Project Type: Operation Area	44 Road East County	Time Frame (Years):	5 years	Total Cost: Year of Cost	
Map ID: Project Type: Operation Area	44 Road East County Convert Mar	Time Frame (Years):	5 years d to two-way	Total Cost: Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area	44 Road East County Convert Mar	Time Frame (Years):	5 years d to two-way south Frontage	Total Cost: Year of Cost Estimate: Federal:	2007
Map ID: Project Type: Operation Area Project Description:	A4 Road East County Convert Mar under I-84 at Rd. and prov	Time Frame (Years): ine Drive one-way southbournd widen to five lanes. Wider	5 years d to two-way n South Frontage s.	Total Cost: Year of Cost Estimate: Federal: State:	2007
Map ID: Project Type: Operation Area Project Description:	A4 Road East County Convert Mar under I-84 ar Rd. and prov	Time Frame (Years): ine Drive one-way southbournd widen to five lanes. Wider	5 years d to two-way n South Frontage s.	Total Cost: Year of Cost Estimate: Federal: State: City:	2007
Map ID: Project Type: Operation Area Project Description:	A4 Road East County Convert Mar under I-84 ar Rd. and prov	Time Frame (Years): ine Drive one-way southbournd widen to five lanes. Wider vide associated improvement uate long term interchange of	5 years d to two-way n South Frontage s.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC:	2007
Map ID: Project Type: Operation Area Project Description:	A4 Road East County Convert Mar under I-84 ar Rd. and prov	Time Frame (Years): ine Drive one-way southbournd widen to five lanes. Wider vide associated improvement uate long term interchange of	5 years d to two-way n South Frontage s.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	2007
Map ID: Project Type: Operation Area Project Description: Purpose:	A4 Road East County Convert Mar under I-84 ar Rd. and prov Ensure adeq improve accord	Time Frame (Years): ine Drive one-way southbournd widen to five lanes. Wider vide associated improvement uate long term interchange of	5 years d to two-way n South Frontage s.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed:	2007
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	A4 Road East County Convert Mar under I-84 at Rd. and prov Ensure adeq improve acce	Time Frame (Years): ine Drive one-way southbournd widen to five lanes. Wider vide associated improvement uate long term interchange of	5 years d to two-way n South Frontage s.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	2007
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	A4 Road East County Convert Mar under I-84 at Rd. and prov Ensure adeq improve accord	Time Frame (Years): ine Drive one-way southbournd widen to five lanes. Wider vide associated improvement uate long term interchange of	5 years d to two-way n South Frontage s.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	2007
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	A4 Road East County Convert Mar under I-84 ar Rd. and prov Ensure adeq improve accord 10863 Regional Lea	Time Frame (Years): ine Drive one-way southbourned widen to five lanes. Wider vide associated improvement uate long term interchange of the session on the industrial area.	5 years d to two-way n South Frontage s.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2007 \$24,000,000

Project Name:	223rd Avenue Widening		
Map ID:	45 Time Frame (Years): 5 years	Total Cost:	\$3,667,000
Project Type:	Road	Year of Cost	
Operation Area	East County	Estimate:	
Project Description:	Widen to three lanes between Halsey St and Marine Drive.	<u>Federal:</u>	
		State:	
		<u>City:</u> SDC:	
Purpose:	Upgrade the facility to major collector urban street standards.	Port Share Committed:	
JDE NUM:		Port Share Forecasted:	
RTP Related:	10388, 10389	Private:	
Recent Study:		Other:	
Port Strategic Area:	Regional Leadership in Transportation	<u>Unfunded:</u>	\$3,667,000
RTP 2035 Illustra RTP 2035 Constr		Estimate Rating: N/A	
Project Name:	Sundial Road Improvement		
Project Name:		Total Cost:	\$3,200,000
		Year of Cost	\$3,200,000 2007
Map ID:	46 Time Frame (Years): 5 years	Year of Cost Estimate:	
Map ID: Project Type: Operation Area	46 Time Frame (Years): 5 years	Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area	46 Time Frame (Years): 5 years Road East County	Year of Cost Estimate:	
Map ID: Project Type: Operation Area Project Description:	46 Time Frame (Years): 5 years Road East County Widen Sundial north of Swigert Way and construct signal.	Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	46 Time Frame (Years): 5 years Road East County	Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	46 Time Frame (Years): 5 years Road East County Widen Sundial north of Swigert Way and construct signal. Accommodate Troutdale Reynolds Industrial Park and othe traffic.	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): 5 years Road East County Widen Sundial north of Swigert Way and construct signal. Accommodate Troutdale Reynolds Industrial Park and other traffic.	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 Road East County Widen Sundial north of Swigert Way and construct signal. Accommodate Troutdale Reynolds Industrial Park and other traffic.	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:	46 Time Frame (Years): 5 years Road East County Widen Sundial north of Swigert Way and construct signal. Accommodate Troutdale Reynolds Industrial Park and other traffic. 101659 11190	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2007
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Accommodate Troutdale Reynolds Industrial Park and othe traffic. 101659 Regional Leadership in Industrial Lands	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	

Project Name: Reynolds Site Road Access Phase 3

Map ID: 47 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 2035 Illustrative Conditioned Project **✓** RTP 2035 Constrained ✓ Identified in STIP

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

мар ір:	40 IIM	e Frame (Years):	5 years	<u> 10tal Cost:</u>	\$1,000,000
Project Type:	Rail			Year of Cost Estimate:	2007
Operation Area				<u>Federal:</u>	
Project Description:	If feasible, eliminat alternate roadway	te the at-grade crossing a access.	and improve	State:	
				<u>City:</u>	
Purnose:	Improve Kenton M	ainline operation and elir	minata a moda	SDC:	
i dipoce.	conflict.	all lille operation and elli	Timate a mode	Port Share Committed:	
JDE NUM:				Port Share	
RTP Related:	10334			<u>Forecasted:</u> <u>Private:</u>	
Recent Study:				Other:	
				Unfunded:	Φ1 000 000
Port Strategic Area:					\$1,000,000
✓ RTP 2035 Illustra ✓ RTP 2035 Constr		☐ Conditioned Proj	•	Estimate Rating:	
Map ID:	49 Time	e Frame (Years):	20 years	Total Cost:	\$15,000,000
	40				
•		e i fame (Tears).	20 years	Year of Cost	\$15,000,000
Project Type:	Road			Estimate:	2003
Operation Area	PDX/PIC			<u>Federal:</u>	
Project Description:	Widen Columbia B	Blvd. to five lanes.		State:	
				<u>City:</u>	
Purpose:	Address system be	ottleneck along Columbia	a Blvd.	SDC:	
•				Port Share Committed:	
JDE NUM:				Port Share	
RTP Related:	10376			<u>Forecasted:</u> <u>Private:</u>	
Recent Study:	East Columbia-Lor Transportation Ana	mbard Connector Study alysis (2000)		Other:	
Port Strategic Area:				<u>Unfunded:</u>	\$15,000,000
✓ RTP 2035 Illustra		☐ Conditioned Proj	ject <u>l</u>	Estimate Rating:	
✓ RTP 2035 Constr	rained	Identified in STIP	,		

Project Name: PDX Transportation Demand Management (TDM)

Map ID:	50 Time Frame (Years): 5 years	<u>Total Cost:</u>	
Project Type:	Other	Year of Cost Estimate:	
Operation Area	PDX/PIC	<u>Federal:</u>	
Project Description:	Implement strategies at PDX and PIC properties that	State:	
	reduce auto trips in the airport area. Programs to be undertaken with other area businesses/developers to		
	maximize effectiveness; possible administration through transportation management association.		
Purpose:	Fulfill TDM requirements of PDX Master Plan. Implemen	<u>SDC:</u> t	
	TDM projects and programs recommended in the PDX Alternative Modes Study.	Port Share	
	,	Committed:	
JDE NUM:		<u>Port Share</u> Forecasted:	
RTP Related:	10380	Private:	
Recent Study:	PDX Employee TDM Program Study (2002)	Other:	
Port Strategic Area:	Regional Leadership in Transportation	<u>Unfunded:</u>	
RTP 2035 Illustra		Estimate Rating:	
RTP 2035 Consti	_	<u></u> _	
	PIC Ped/Bike Network		
Map ID:	Time Frame (Years): 10 years	Total Cost:	\$1,163,835
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 the	State:	
	CS/PIC Plan District.	City:	
		SDC:	
Purpose:	Improve bike/ped circulation in PIC.	Port Share	
		Committed:	
JDE NUM:		Port Share	
RTP Related:	10368	Forecasted:	
	East Airport Area Ped. & Bike Study(1999)	Private:	
		Other:	
Port Strategic Area:	Regional Leadership in Industrial Land	<u>Unfunded:</u>	\$1,163,835
▼ RTP 2035 Illustra	tive Conditioned Project	Estimate Rating: 30	
✓ RTP 2035 Const	rained Identified in STIP		

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

Map ID:	52 T i	ime Frame (Ye	ears):	10 yea	ars	Total Cost:	\$158,000,000
Project Type:	Road					Year of Cost Estimate:	2007
Operation Area	PDX/PIC					<u>Estimate.</u> <u>Federal:</u>	2007
Project Description:	Construct grad	e-separated overc	rossing.			<u>state:</u>	
						<u>State.</u> <u>City:</u>	
						SDC:	
Purpose:	Provide efficier	nt movement of traf	ffic to PDX	(propert	ties.	<u>SDC.</u> Port Share	
						Committed:	
JDE NUM:	101474					Port Share Forecasted:	\$158,000,000
RTP Related:	10362					<u>Private:</u>	ψ100,000,000
Recent Study:	Airport Futures	Transportation Imp	pact Study	y (2010)		Other:	
Port Strategic Area	: Retain and Gro	ow Key Services				<u>Unfunded:</u>	
✓ RTP 2035 Illustra			ned Proj	ject	<u>E</u>	stimate Rating: 3	3c
✓ RTP 2035 Const	rained	Identifie	d in STIP	•			
Project Name:	<u>I-205 Aux</u>	liary Lane N	<u>B</u>				
Map ID:	53 T	ime Frame (Ye	ears):	20 yea	ars	Total Cost:	\$5,775,000
Map ID: Project Type:	53 Ti	ime Frame (Ye	ears):	20 yea	ars	Year of Cost	\$5,775,000
•		ime Frame (Ye	ears):	20 yea	ars		\$5,775,000
Project Type:	Road PDX/PIC New auxiliary la	·				Year of Cost Estimate:	\$5,775,000
Project Type: Operation Area	Road PDX/PIC	·				Year of Cost Estimate: Federal:	\$5,775,000
Project Type: Operation Area Project Description:	Road PDX/PIC New auxiliary la Blvd.	ane from I-84 to I-2	05 NB bef	fore Coli	umbia	Year of Cost Estimate: Federal: State:	\$5,775,000
Project Type: Operation Area Project Description:	Road PDX/PIC New auxiliary la Blvd.	·	05 NB bef	fore Coli	umbia	Year of Cost Estimate: Federal: State: City:	\$5,775,000
Project Type: Operation Area Project Description: Purpose:	Road PDX/PIC New auxiliary la Blvd. Provide addition traffic.	ane from I-84 to I-2	05 NB bef	fore Coli	umbia	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	\$5,775,000
Project Type: Operation Area Project Description: Purpose:	Road PDX/PIC New auxiliary la Blvd. Provide additional traffic. 810022	ane from I-84 to I-2	05 NB bef	fore Coli	umbia	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	\$5,775,000
Project Type: Operation Area Project Description: Purpose:	Road PDX/PIC New auxiliary la Blvd. Provide additional traffic.	ane from I-84 to I-2 anal capacity for an	05 NB bef	fore Coli	umbia	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	\$5,775,000
Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Road PDX/PIC New auxiliary la Blvd. Provide additional traffic. 810022	ane from I-84 to I-2 onal capacity for an ansp. Study (1998)	05 NB bet	fore Coli	umbia	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	
Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	Road PDX/PIC New auxiliary la Blvd. Provide additional traffic. 810022 Airport Area Traffic Regional Lead	ane from I-84 to I-2 anal capacity for an ansp. Study (1998)	05 NB bet	fore Colu	umbia n area	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	\$5,775,000 \$5,775,000

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

Map ID:	54 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	ss from 33rd Ave. into S	SW Quad.	State:	
				City:	
D				SDC:	
Purpose:	Provide efficient mo properties.	vement of traffic to dev	eloping PDX	Port Share Committed:	
JDE NUM:	100757			Port Share	
RTP Related:				Forecasted:	
		o Moster Dien (2002)		<u>Private:</u>	
necent Study.	PDX Conditional Us	e Master Plan (2003)		<u>Other:</u>	
Port Strategic Area:	Regional Leadershi	p in Industrial Land		<u>Unfunded:</u>	\$5,917,500
✓ RTP 2035 Illustra	ative	☐ Conditioned Pro	ject	Estimate Rating: 3c	
✓ RTP 2035 Consti	rained	Identified in STIF	•		
Project Name:		Braided Ramps	<u>3</u>		
Map ID:	55 Time	Frame (Years):	20 years	Total Cost:	\$59,000,000
Project Type:	Road			Year of Cost <u>Estimate:</u>	2007
Operation Area	PDX/PIC			<u>Federal:</u>	
Project Description:	Construct braided rand Cascade Interc	amps between the I-20 hange.	5 interchange	State:	
		<u> </u>		<u>City:</u>	
Duman				SDC:	
Purpose:	Maintain satety and interchanges.	capacity of Airport Wa	y and	Port Share Committed:	
JDE NUM:	101227			Port Share	
RTP Related:				Forecasted:	
	PDX Airport Way RC)W Concept (1000)		<u>Private:</u>	
necent olday.	I DA Allpolt Way AC	ZVV Concept (1999)		Other:	
Port Strategic Area:	Retain and Grow Ke	ey Services		<u>Unfunded:</u>	\$59,000,000
✓ RTP 2035 Illustra	ative	Conditioned Pro	ject	Estimate Rating: 30	
✓ RTP 2035 Consti	rained	Identified in STIF	•		

Project Name: Alternative Fuels Station

Map ID:	56 Tim	e Frame (Years):	5 years	Total Cost:	\$1,000,000
Project Type:	Other			Year of Cost Estimate:	2001
Operation Area	PDX/PIC			<u>Estimate.</u> <u>Federal:</u>	2001
Project Description:	Construct a PDX a	alternative fuels station.		<u>r ederar.</u> State:	
				<u>City:</u>	
				SDC:	
Purpose:		capabilities for both lands courage airport business nprove air quality.			
JDE NUM:				Port Share	
RTP Related:				Forecasted:	
Recent Study:				<u>Private:</u>	
necent olday.				Other:	
Port Strategic Area:	Portwide Environn	nental Strategy		<u>Unfunded:</u>	\$1,000,000
RTP 2035 Illustra		Conditioned Pro	•	Estimate Rating: 3c	
RTP 2035 Constr	rained	Identified in STIF	•		
Project Name:	SW Quad D	rainage Improve	<u>ements</u>		
Map ID:	57 Tim	e Frame (Years):	5 years	Total Cost:	\$1,250,000
Project Type:	Other			Year of Cost	2008
Operation Area	PDX/PIC			Estimate:	2000
Project Description:	Drainage improve	ments in SW Quad throu	gh	<u>Federal:</u>	
	modifications to the	ne existing drainage char pacity of the Broadmoor F	nnels and	State:	
	,	•	·	City:	
Purpose:	Provide additional airport traffic.	capacity for anticipated	growth in	<u>SDC:</u> <u>Port Share</u>	
				Committed:	
JDE NUM:	101625			Port Share Forecasted:	\$1,250,000
RTP Related:				<u>r orecasted:</u> <u>Private:</u>	+ ·,
Recent Study:				Other:	
Port Strategic Area:	Regional Loadoro	hin in Industrial Land		<u> </u>	
RTP 2035 Illustra		Conditioned Pro	ject	Estimate Rating: 3c	
RTP 2035 Constr	rained	Identified in STIF	-		

Project Name: Widen APW Outbound East of 82nd

Map ID:	58 Time	Frame (Years):	10 years	Total Cost:	\$3,335,000
Project Type:	Road			Year of Cost	2010
Operation Area	PDX/PIC			<u>Estimate:</u> <u>Federal:</u>	2010
Project Description:	Add New Lane			<u>rederal.</u> <u>State:</u>	
				<u>State.</u> <u>City:</u>	
				SDC:	
Purpose:	Provide additional passenger traffic.	capacity for anticipated	growth in	Port Share	
				Committed:	
JDE NUM:	101228			Port Share Forecasted:	\$3,335,000
RTP Related:				Private:	
Recent Study:	PDX Airport Futures	s 2010 Master Plan		Other:	
Port Strategic Area:	Retain and Grow K	(ey Services		<u>Unfunded:</u>	
RTP 2035 Illustra	ntive	☐ Conditioned Pro	oject	Estimate Rating: 30	
RTP 2035 Consti	rained	Identified in STI	P		
Project Name:	Deplaning C	Curbside Roadw	vay Lane:	<u>S</u>	
Map ID:	59 Time	Frame (Years):	20 years	Total Cost:	\$2,976,000
Project Type:	Road			Year of Cost Estimate:	2010
Operation Area	PDX/PIC			<u>Federal:</u>	20.0
Project Description:	Add New Lane			<u>r ederal:</u> State:	
				<u>City:</u>	
				SDC:	
Purpose:	Provide additional opassenger traffic.	capacity for anticipated	growth in	Port Share Committed:	
IDE NUM				Port Share	
JDE NUM:				Forecasted:	\$2,976,000
RTP Related:				<u>Private:</u>	
Recent Study:	PDX Airport Futures	s 2010 Master Plan		Other:	
Port Strategic Area:	Retain and Grow K	(ey Services		<u>Unfunded:</u>	
RTP 2035 Illustra	ative	Conditioned Pro	oject	Estimate Rating:	
RTP 2035 Consti	rained	Identified in STI	P		

Project Name: Deplaning Curbside Roadway Loading

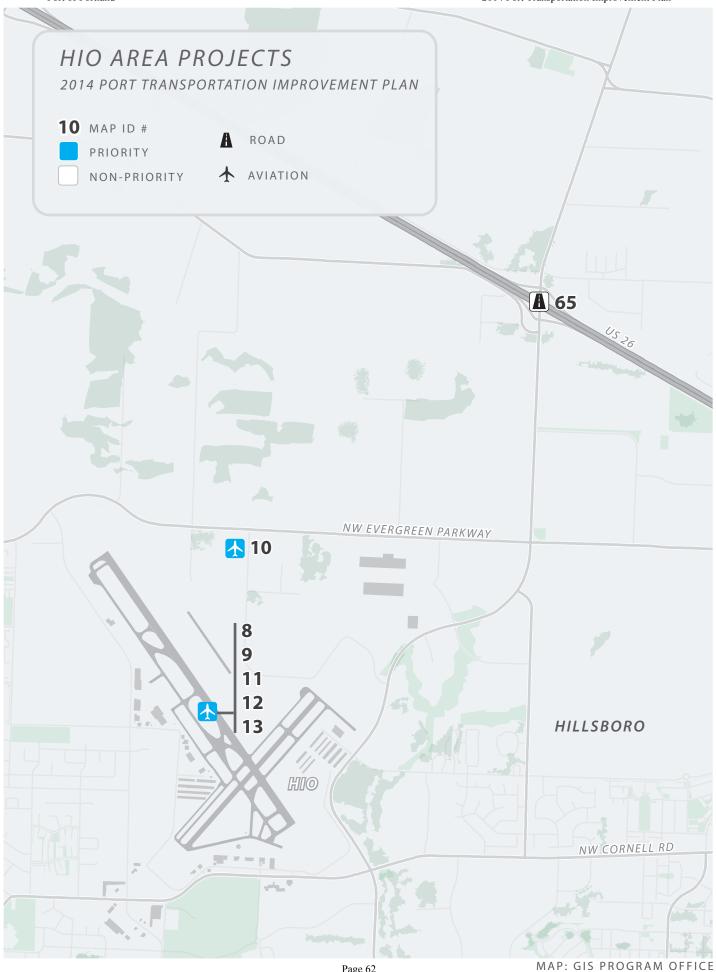
Map ID:	60 Time	e Frame (Years):	20 years	<u>Total Cost:</u>	\$324,000
Project Type:	Road			Year of Cost Estimate:	2010
Operation Area	PDX/PIC			<u>Federal:</u>	
Project Description:	Add New Lane			State:	
				City:	
				SDC:	
Purpose:	Provide additional passenger traffic.	capacity for anticipated	I growth in	Port Share Committed:	
JDE NUM:	101467			Port Share	
RTP Related:				Forecasted:	\$324,000
	PDX Airport Future	es 2010 Master Plan		Private:	
neceni ciaay.	1 DATA II POLLI GIGIC	55 ZOTO Waster Flam		Other:	
Port Strategic Area:	Retain and Grow I	Key Services		<u>Unfunded:</u>	
RTP 2035 Illustra	ative	Conditioned Pro	•	Estimate Rating:	
RTP 2035 Constr	rained	Identified in STI	Р		
Project Name:	Airport Way	Westbound Ap	proachi	ng Return Road	
Map ID:	61 Tim	e Frame (Years):	20 years	Total Cost:	\$1,080,000
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:	Provide additional	capacity for anticipated	I growth in	SDC:	
	passenger traffic.			<u>Port Share</u> <u>Committed:</u>	
JDE NUM:	101471			<u>Port Share</u> <u>Forecasted:</u>	\$1,080,000
RTP Related:				Private:	. , ,
Recent Study:	PDX Airport Future	es 2010 Master Plan		Other:	
Port Strategic Area:	Retain and Grow I	Kay Sanjicas		<u> </u>	
RTP 2035 Illustra		Conditioned Pro	piect	Estimate Rating:	
RTP 2035 Constr		Identified in STI	•		

Project Name: <u>Terminal Exit Roadway at P. O. Curves</u>

Map ID:	62 Tim	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:	
				<u>City:</u>	
Purpose:		l capacity for anticipa	ted growth in	SDC:	
	passenger traffic.			<u>Port Share</u> <u>Committed:</u>	
JDE NUM:	101472			<u>Port Share</u> <u>Forecasted:</u>	\$1,500,000
RTP Related:				<u>Private:</u>	. , ,
Recent Study:	PDX Airport Futur	es 2010 Master Plan		Other:	
Port Strategic Area:	Retain and Grow	Key Services		<u>Unfunded:</u>	
RTP 2035 Illustra		Conditioned	Project	Estimate Rating:	
RTP 2035 Constr		☐ Identified in \$	-		
Project Name:	Terminal Ex	kit Roadway at	Parking I	<u>Plaza</u>	
Map ID:	63 Tim	e Frame (Years): 20 years		\$1,104,000
Project Type:	Road			<u>Year of Cost</u> <u>Estimate:</u>	2010
Operation Area	PDX/PIC			<u>Federal:</u>	
Project Description:	Add New Lane			State:	
				<u>City:</u>	
				SDC:	
Purpose:	Provide additional passenger traffic.	Il capacity for anticipa	ted growth in	Port Share Committed:	
JDE NUM:	101473			Port Share	
RTP Related:				Forecasted:	\$1,104,000
		one 0010 Manter Dian		<u>Private:</u>	
necent study:	PDX Airport Futur	es 2010 Master Plan		Other:	
Port Strategic Area:	Retain and Grow	Key Services		<u>Unfunded:</u>	
RTP 2035 Illustra	ative	Conditioned	Project	Estimate Rating:	
RTP 2035 Constr	rained	Identified in §	STIP		

Project Name: Mitigation Land Bank

Map ID:	64 Time Fr	ame (Years):	5 years	Total Cost:	
Project Type:	Other			Year of Cost Estimate:	
Operation Area	PDX/PIC			Federal:	
Project Description:	Plan for, purchase, and mitigation bank.	develop a site for us	e as a	State:	
				<u>City:</u>	
Purpose:	Provide a site for enviro	r Port	SDC:		
. u.pooo.		Provide a site for environmental mitigation for Port transportation and other development projects.			
JDE NUM:				<u>Port Share</u> Forecasted:	
RTP Related:				<u>r orecasted.</u> Private:	
Recent Study:				Other:	
Port Strategic Area:	Portwide Environmenta	l Strategy		<u>Unfunded:</u>	
RTP 2035 Illustra		Conditioned Proje	ct	Estimate Rating:	
RTP 2035 Constr	rained	Identified in STIP			



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Project Name: Brookwood Parkway/Hwy 26 Interchange Improvements

Map ID:	65 Time Fra	ame (Years): 5	years	Total Cost:	\$45,000,000
Project Type:	Road			Year of Cost Estimate:	2009
Operation Area	Hillsboro			<u>Federal:</u>	
Project Description:	Construct a new westbo			State:	\$45,000,000
	relocate nearby local ro	pads.		<u>City:</u>	
Purpose:	Improve access to HIO	and area industry.		SDC:	
·	,	,		Port Share Committed:	
JDE NUM:				Port Share Forecasted:	
RTP Related:	11178			Private:	
Recent Study:				Other:	
Port Strategic Area:	Regional Leadership in	Transportation		<u>Unfunded:</u>	
✓ RTP 2035 Illustra	ative	Conditioned Project	<u>Es</u>	<u>timate Rating:</u>	
✓ RTP 2035 Constr	rained 🗸	Identified in STIP			

Project Name: Cathedral Park Quiet Zone

Map ID:	66 Time	Frame (Years):	5 years	Total Cost:	\$8,200,000
Project Type:	Rail			Year of Cost	2007
Operation Area	Rivergate			<u>Estimate:</u> <u>Federal:</u>	2007
Project Description:	Address rail switch	ing noise by improving	multiple public	<u>rederal.</u> State:	
	rail crossings in the	e St. Johns Cathedral Pa	ark area.	<u>State.</u> <u>City:</u>	
				SDC:	
Purpose:		rt operations to continu ove neighborhood livabi		Port Share	
	Tottland and impre	ve neighborhood livabl	ity.	Committed:	
JDE NUM:	810051			<u>Port Share</u> <u>Forecasted:</u>	
RTP Related:	10375			<u>Private:</u>	
Recent Study:	Cathedral Park Whi Parametrix (2007)	istle Free Zone Strategio	o Options,	Other:	
Port Strategic Area:	` ,	ey Services		<u>Unfunded:</u>	\$8,200,000
✓ RTP 2035 Illustra	tive	☐ Conditioned Pro	ject	Estimate Rating:	
✓ RTP 2035 Constr	ained	Identified in STII	•		
Project Name:	North Portlar	nd Junction			
Map ID:	67 Time	Frame (Years):	10 years	Total Cost:	\$9,160,000
Project Type:	Rail			Year of Cost Estimate:	2003
Operation Area	Rivergate			<u>Federal:</u>	
Project Description:				State:	
	traffic control tie-in	and increased turning r	adius.	<u>Otate:</u> <u>City:</u>	
				SDC:	
Purpose:	Accommodate high provides greater ca	Accommodate higher rail speeds at the junction which			
	provided greater ec		nction which		
JDE NUM:		граску.	nction which	Port Share Committed:	
		ιρασιιγ.	nction which	Port Share Committed: Port Share	
RTP Related:		распу.	nction which	Port Share Committed: Port Share Forecasted:	
RTP Related: Recent Study:			nction which	Port Share Committed: Port Share Forecasted: Private:	
Recent Study:	I-5 Rail Capacity St	udy (HDR, 2003)	nction which	Port Share Committed: Port Share Forecasted: Private: Other:	\$9.160.000
	I-5 Rail Capacity St	udy (HDR, 2003)		Port Share Committed: Port Share Forecasted: Private:	\$9,160,000

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

Map ID:	68 Time	e Frame (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 numb	per of lanes and add trar	nsit capacity	<u>Federal:</u>	
	across the river.		, ,	State:	
				<u>City:</u>	
Purpose:		dal capacity across the	Columbia Rive		
	and relieve conges	stion.		Port Share Committed:	
JDE NUM:				Port Share Forecasted:	
RTP Related:	10893			<u>Porecasted.</u> Private:	
Recent Study:	I-5 Transportation Strategic Plan (200	and Trade Partnership F 02)	inal	Other:	
Port Strategic Area:				<u>Unfunded:</u>	\$2,982,000,000
✓ RTP 2035 Illustra	itive	☐ Conditioned Pro	ject	Estimate Rating:	
✓ RTP 2035 Constr	ained	✓ Identified in STII	P		
Project Name:	West Hayde	n Island Rail Ac	cess		
Map ID:	69 Time	e Frame (Years):	20 years	Total Cost:	\$3,000,000
Project Type:	Rail			Year of Cost Estimate:	
Operation Area	Rivergate			<u>Federal:</u>	
Project Description:	Rail access to sup	port West Hayden Island	d developmer		
				<u>City:</u>	
Purnose:	Advance rail depo	ndent development.		SDC:	
i dipose.	Advance rail-depe	пиет иечеюртет.		Port Share Committed:	
JDE NUM:	100348			Port Share	
RTP Related:				Forecasted:	
		nd Concept Plan 2012		Private:	
				Other:	ФО 000 000
Port Strategic Area:				<u>Unfunded:</u>	\$3,000,000
✓ RTP 2035 Illustra		Conditioned Pro	-	Estimate Rating:	
✓ RTP 2035 Constr	ained	Identified in STII	P		

Project Name: West Hayden Island Rail Yard

Map ID:	70 Tim	ne Frame (Years):	20	years	Total Cost:	\$9,500,000
Project Type:	Rail				Year of Cost Estimate:	
Operation Area	Rivergate				<u>Federal:</u>	
Project Description:	Seven track rail y	ard connected to facility	/ tracka	ige.	<u>r odoran</u> State:	
					<u>City:</u>	
				SDC:		
Purpose:	Advance rail deve	elopment on West Hayd	len Islar	nd.	Port Share Committed:	
JDE NUM:	100348				Port Share	
RTP Related:					<u>Forecasted:</u> <u>Private:</u>	
Recent Study:	West Hayden Isla	and Concept Plan 2012			Other:	
Dout Stratogic Area	D				<u>Unfunded:</u>	\$9,500,000
Port Strategic Area:		Conditioned P	roject		Estimate Rating:	ψο,σοσ,σσσ
▼ RTP 2035 Illustra		Identified in ST	•		<u> </u>	
Dualast Name.					DI	
Project Name:		en Island Interio	or Ac	cess	<u> </u>	
Map ID:		en Island Interio ne Frame (Years):		cess years	Total Cost:	\$13,600,000
Map ID: Project Type:						\$13,600,000 2012
Map ID: Project Type: Operation Area	71 Tim	ne Frame (Years):	10	years	<u>Total Cost:</u> <u>Year of Cost</u>	
Map ID: Project Type:	71 Tim	ne Frame (Years):	10	years	Total Cost: Year of Cost Estimate:	
Map ID: Project Type: Operation Area	71 Tim Rivergate Construct interior	ne Frame (Years):	10	years	Total Cost: Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area Project Description:	71 Tim Rivergate Construct interior berth access.	ne Frame (Years):	10 overpas	years	Total Cost: Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	71 Tim Rivergate Construct interior berth access.	ne Frame (Years):	10 overpas	years	Total Cost: Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	71 Tim Rivergate Construct interior berth access.	ne Frame (Years):	10 overpas	years	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose:	71 Tim Rivergate Construct interior berth access.	ne Frame (Years):	10 overpas	years	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:	71 Tim Rivergate Construct interior berth access. Provide roadway	ne Frame (Years):	10 overpas	years	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	71 Tim Rivergate Construct interior berth access. Provide roadway West Hayden Isla	ne Frame (Years): roadway including rail of the for new West Hayden Is and Concept Plan 2012	10 overpas	years	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:	71 Time Rivergate Construct interior berth access. Provide roadway West Hayden Isla Retain and Grow	ne Frame (Years): roadway including rail of the for new West Hayden Is and Concept Plan 2012	10 overpas	years	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2012

Project Name: St. Johns Pedestrian District

Map ID:	72 Time	e Frame (Year	's): 5 years	<u>Total Cost:</u>	\$5,000,000
Project Type:	Road			Year of Cost Estimate:	2005
Operation Area	Rivergate			<u>Federal:</u>	Φ1 010 7 00
Project Description:	Improvements cou	ld include restripin	g, curb extensior		\$1,013,788
	and other pedestrian and bicycle amenities on Lombar St. that do not impede truck movement, as well as			rd <u>State.</u>	
	intersection improv			<u>City:</u>	\$116,033
Purpose:	Maintain truck movement and minimize conflicts with bicycles and pedestrians between Philadelphia Ave. an Lombard St. at Pier Park.			SDC:	
				Port Share Committed:	
JDE NUM:				Port Share	
RTP Related:	10182			<u>Forecasted:</u> <u>Private:</u>	
Recent Study:	St. Johns Truck Str	ategy Report & Re	commendation	Other:	
	(2001)				40.070.470
Port Strategic Area:	Regional Leadersh	nip in Transportatio	n	<u>Unfunded:</u>	\$3,870,179
RTP 2035 Illustra	ative	Conditioned	d Project	Estimate Rating:	
Project Name:	Burgard Brid	dge Replace	<u>ment</u>		
Map ID:	73 Time	Frame (Year	' s): 5 years	Total Cost:	\$1,445,000
Project Type:	Road			Year of Cost	
Operation Area	Rivergate			<u>Estimate:</u>	2004
Project Description:	· ·			<u>Federal:</u>	
Project Description.	opgrade structure.		State:	\$1,445,000	
				<u>City:</u>	
Purpose:	Replace the bridge with a slab on grade to eliminate weight restrictions.		SDC:		
·			Port Share Committed:		
JDE NUM:				Port Share	
RTP Related:				<u>Forecasted:</u> <u>Private:</u>	
Recent Study:				Other:	
- . .				Unfunded:	
Port Strategic Area:					
RTP 2035 Illustra		Conditioned	•	Estimate Rating:	
☐ RTP 2035 Constr	rained	✓ Identified in	n STIP		

Project Name: Columbia Blvd./Portland Rd. Intersection Improvements

Map ID:	74 Time Frame (Years): 5 years	Total Cost:	\$1,214,000
Project Type:	Road	Year of Cost Estimate:	2006
Operation Area	Rivergate	<u>Federal:</u>	2000
Project Description:	Redesign could include realignment of travel lanes, channelization, signalization, signing or new sidewalks	Ctata	\$538,380
	and curbs.	<u>City:</u>	
Purpose:	Reinforce through truck movements on minor and maj	SDC:	
	truck streets (Portland Rd. and Columbia Blvd. respectively), minimizing neighborhood cut-through tra	Port Share	
JDE NUM:		Port Share	
RTP Related:	10229	<u>Forecasted:</u> <u>Private:</u>	
Recent Study:	St. Johns Truck Strategy Report & Recommendation	Other:	
Port Strategic Area:	(2001) Regional Leadership in Transportation	<u>Unfunded:</u>	\$675,620
✓ RTP 2035 Illustra		Estimate Rating:	
✓ RTP 2035 Constr			
	North Burgard/Lombard Street Imp		
Map ID:		<u>Total Cost:</u> <u>Year of Cost</u>	\$14,588,000
Project Type:	Road	Estimate:	2009
Operation Area	Rivergate	<u>Federal:</u>	
Project Description:	Widen Burgard to 3 Lanes with bike lanes and sidewa from UPRR bridge to Columbia.	lks <u>State:</u>	
		<u>City:</u>	
Purpose:		SDC:	
	Improve freight mobility, safety and industrial site acce	Port Share Committed:	
JDE NUM:		Port Share	
RTP Related:	10218	<u>Forecasted:</u> <u>Private:</u>	
Recent Study:		Other:	
Dort Stratogia Aras	5	Unfunded:	\$14,588,000
✓ RTP 2035 Illustra	Regional Leadership in Transportation tive Conditioned Project	Estimate Rating:	ψ1-1,000,000
RTP 2035 Illustra		_ountain namigi	

Project Name: Willamette River Channel Deepening

Map ID:	76 T	ime Frame (Years):	10 years	Total Cost:	\$200,000,000
Project Type:	Marine			Year of Cost Estimate:	
Operation Area	Rivergate			<u>Estimate.</u> <u>Federal:</u>	
Project Description:	Deepen the po	ortions of the Willamette Rive	er with deep d	raft State:	
	infrastructure to	o -43' where appropriate.		<u>City:</u>	
_				SDC:	
Purpose:	To allow Willamette River terminals to also benefit from the Columbia River's new controlling depth.			he Port Share Committed:	
IDE NIIM.				Port Share	
JDE NUM: RTP Related:				Forecasted:	
				<u>Private:</u>	
Recent Study:				Other:	
Port Strategic Area:	Regional Lead	dership in Transportation		<u>Unfunded:</u>	\$200,000,000
RTP 2035 Illustra		Conditioned Pro	•	Estimate Rating:	
RTP 2035 Constr	rained	☐ Identified in STI	P		
Project Name:	Terminal (6 Honda Rail Exte	<u>nsion</u>		
Map ID:	77 T	ime 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	rail yard in order to provide	more capacit	<u>Federal:</u>	
	for current tena			<u>State.</u>	
Purpose:	Capacity improvements for current tenants.		<u>City:</u>		
			SDC:		
				Port Share Committed:	
JDE NUM:	100323			<u>Port Share</u> <u>Forecasted:</u>	
RTP Related:				<u>Private:</u>	
Recent Study:				Other:	
Port Strategic Area:	Retain and Gr	ow Key Services		<u>Unfunded:</u>	\$1,000,000
RTP 2035 Illustra		Conditioned Pro	ject	Estimate Rating: 3c	
RTP 2035 Constr	ained	Identified in STI			

Project Name: Columbia River Anchorage Improvements

Map ID:	78 Time F	rame (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 se	even stern buoys at di	fferent	<u>Federal:</u>	\$1,728,500
	anchorages up and d	lown the Columbia Riv	ver.	State:	
				<u>City:</u> SDC:	
Purpose:	Allow for the anchorage terminals that could co			at	
	terrilliais triat could c	unerwise be loading/c	iriloadii ig cai	Committed:	
JDE NUM:				Port Share Forecasted:	\$153,400
RTP Related:				<u>r orecasted:</u> <u>Private:</u>	\$100,400
Recent Study:	Feasibility Study			Other:	\$460,100
Port Strategic Area:	Regional Leadership	in Transportation		<u>Unfunded:</u>	
RTP 2035 Illustra		Conditioned Proj	iect	Estimate Rating: 30	
RTP 2035 Constr	ained	Identified in STIF		_	
Project Name:				Total Coats	
Map ID:		rame (Years):	5 years	<u>Total Cost:</u> <u>Year of Cost</u>	\$3,649,084
Project Type:	Road			Estimate:	2006
Operation Area	Rivergate			<u>Federal:</u>	
Project Description:	Construct a rail overc	rossing at Terminal 6.		State:	
				City:	
Purpose:	Increase efficient mov	vement for rail and Te	rminal 6 tena	nts.	
·				Port Share Committed:	
JDE NUM:	100324			Port Share	\$2,640,094
RTP Related:	10378			<u>Forecasted:</u> <u>Private:</u>	\$3,649,084
Recent Study:	Marine Terminal Mast	er Plan 2020 (2003)		Other:	
Port Strategic Area:	Potain and Crow Key	Sonioco		<u>Unfunded:</u>	
✓ RTP 2035 Illustra		Services Conditioned Proj	iect	Estimate Rating: 2b	
✓ RTP 2035 Constr		Identified in STIF			

Project Name: T6 Second Entrance

Map ID:	80 Tim	e Frame (Years):	20 years	Total Cost:	\$12,000,000
Project Type:	Road			Year of Cost	2008
Operation Area	Rivergate			<u>Estimate:</u> <u>Federal:</u>	2000
Project Description:	Construct second	l entrance and rail overcr	ossing.	<u>rederal.</u> <u>State:</u>	
				<u>State.</u> <u>City:</u>	
				SDC:	
Purpose:	Improve capacity	and safety at T6.		Port Share	
				Committed:	
JDE NUM:	102056			Port Share Forecasted:	
RTP Related:	11306			Private:	
Recent Study:	Terminal 6 Access	s Improvement Alternativ	es (2008)	Other:	
Port Strategic Area:	Retain and Grow	Key Services		<u>Unfunded:</u>	\$12,000,000
✓ RTP 2035 Illustra		Conditioned Pro	ject	Estimate Rating: 30	
RTP 2035 Consti	rained	Identified in STII	P		
Project Name:	T6 Suttle Ro	oad Entrance			
Map ID:	81 Tim	e Frame (Years):	20 years	Total Cost:	\$3,000,000
Project Type:	Road			Year of Cost Estimate:	2008
Operation Area	Rivergate			<u>Federal:</u>	2000
Project Description:	Construct access	road from terminus of St	uttle Road.	<u>r ederar:</u> State:	
				<u>City:</u>	
				SDC:	
Purpose:	To support develo	opment of east end of T6		Port Share	
				Committed:	
JDE NUM:				Port Share	
RTP Related:	11307			<u>Forecasted:</u>	
Recent Study:	Suttle Road Impro				
-	'	ovement Options (2008)		<u>Private:</u>	
		ovement Options (2008)		<u>Private:</u> <u>Other:</u>	¢2 000 000
Port Strategic Area:		Key Services		<u>Private:</u> <u>Other:</u> <u>Unfunded:</u>	\$3,000,000
Port Strategic Area: RTP 2035 Illustra RTP 2035 Consti	ative		-	<u>Private:</u> <u>Other:</u>	\$3,000,000

Project Name: T6 Development Project

Map ID:	82 1	Γime Frame (Years	5): 10 years	<u>Total Cost:</u>	\$76,000,000
Project Type:	Marine			Year of Cost Estimate:	2012
Operation Area	Rivergate			Federal:	
Project Description:	This program	includes Additional Scou	ur Protection, T6	State	
	Electrical Upg	ercrossing, Two New PPN grades, Yard Gantry Crar		City:	
		500' Departure Tracks.		SDC:	
Purpose:		is needed to upgrade the of the container terminal t		oand ———	
				Port Share	
JDE NUM:				Forecasted:	
RTP Related:				<u>Private:</u>	
Recent Study:				Other:	
Port Strategic Area:	Retain and G	row Key Services		<u>Unfunded:</u>	\$76,000,000
RTP 2035 Illustra	ative	Conditioned	Project	Estimate Rating:	
RTP 2035 Const	rained	Identified in	STIP		
Project Name:		Lay Berth Impro	<u>vements</u>		
Map ID:	83 1	Γime Frame (Years	5): 5 years	Total Cost:	\$500,000
Project Type:	Marine			Year of Cost Estimate:	2012
Operation Area	Rivergate			<u>Federal:</u>	
Project Description:	This project w	vill design, permit and ins ogrades necessary to allo	stall electrical low vessels to lay	State:	
	berth at B416		resesse to lay	<u>City:</u>	
Durmaga	T			SDC:	
Purpose:	This will help	needed to allow vessels the Port retain and grow transportation infrastruc	key services and		
JDE NUM:				Port Share	
RTP Related:				Forecasted:	
Recent Study:				Private:	
•				Other:	
Port Strategic Area:	Retain and G	row Kev Services		Hafundadı	
RTP 2035 Illustra				<u>Unfunded:</u>	\$500,000
RTP 2035 Const		Conditioned	-	Estimate Rating:	\$500,000

Project Name: <u>T4 Stormwater Improvements</u>

Map ID:	84	Time Frame ((Years):	5 years	Total Cost:	\$4,100,000
Project Type:	Marine				Year of Cost Estimate:	2012
Operation Area	Rivergate				<u>Estimate.</u> <u>Federal:</u>	2012
Project Description:					State:	
		uch as dust filterir and/or various typ	0 1 1			
	treatment me	echanisms.			SDC:	
Purpose:	master plans needed in or	apital projects ide ning process. The der to comply with uality regulations.	improvement	ts will be	Port Share	
JDE NUM:	·	, 0			Port Share	
RTP Related:					<u>Forecasted:</u> <u>Private:</u>	
Recent Study:					Other:	
Dawl Chrotonia Area	5 5				<u>Unfunded:</u>	\$4,100,000
Port Strategic Area:					Estimate Rating:	ψ4,100,000
RTP 2035 Illustra			itioned Proj ified in STIP		<u>LStillate natility.</u>	
Project Name:						
Map ID:		Time Frame ((Years):	10 years	Total Cost:	\$3,000,000
Project Type:	Marine				Year of Cost Estimate:	
Operation Area	Rivergate				<u>Federal:</u>	
Project Description:	Design and parking for the	construct six acres	s of porous pa	avement biles.	State:	
	, ,				<u>City:</u>	
Durnosa:	The project y	vill provide additio	anal land to m	poot outo	SDC:	
i dipose.	storage capa	acity needs of Toy mport business lin	ota, supporti		Port Share Committed:	
JDE NUM:	100769				Port Share	
RTP Related:					Forecasted: Private:	
Recent Study:					Other:	
Port Strategic Area:	Pogional La	adorobio in Indust	rial Landa		<u>Unfunded:</u>	\$3,000,000
RTP 2035 Illustra			itioned Proj	ect	Estimate Rating:	. , , -
RTP 2035 Constr			ified in STIP		 _	

Project Name: UPRR North Portland Junction Crew Change Point

Map ID:	Time Frame (Years): 5 years	<u>Total Cost:</u>	
Project Type:	Rail	Year of Cost Estimate:	
Operation Area	Rivergate	Federal:	
Project Description:	Move the crew change location closer to North Portland Junction.	State:	
		<u>City:</u>	
_		SDC:	
Purpose:	Speed the crew change process and minimize the delays to both UP and BNSF with the current operation.	Port Share Committed:	
JDE NUM:		Port Share	
		Forecasted:	
RTP Related:		<u>Private:</u>	
Recent Study:	Port Rail Plan	Other:	
Port Strategic Area:	Regional Leadership in Transportation	<u>Unfunded:</u>	
RTP 2035 Illustra		stimate Rating:	
RTP 2035 Consti	rained Identified in STIP		
Project Name:	BNSF Fallbridge Double Tracking		
Map ID:	Time Frame (Years): 10 years	Total Cost:	\$72,000,000
Project Type:	Rail	Year of Cost Estimate:	
Operation Area	Rivergate	<u>Federal:</u>	
Project Description:	Double Track Fallbridge line to Washougal.	State:	
		<u>City:</u>	
_		SDC:	
Purpose:	Increases capacity of the BNSF east-west mainline serving Port of Portland.	Port Share	
		Committed:	
JDE NUM:		Port Share	
RTP Related:		Forecasted:	
Recent Study:	Port Rail Plan	Private:	
•		Other:	
	Regional Leadership in Transportation	<u>Unfunded:</u>	\$72,000,000
RTP 2035 Illustra		stimate Rating:	
RTP 2035 Consti	rained Identified in STIP		

Project Name: <u>Terminal 4 Grain Elevator Demolition</u>

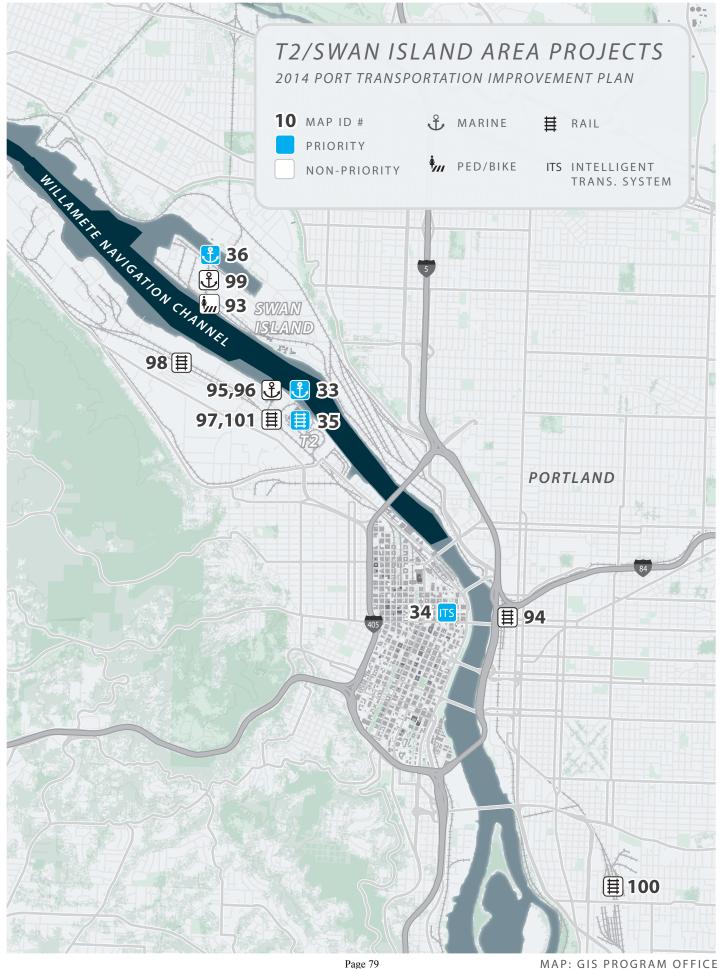
Map ID:	88 Tim	e Frame (Years):	10 years	Total Cost:	\$8,000,000
Project Type:	Marine			Year of Cost	2012
Operation Area	Rivergate			Estimate:	2012
Project Description:	Demolish the Terr	minal 4 grain elevator.		<u>Federal:</u>	
				State:	
				<u>City:</u>	
Purpose:		elevator will facilitate the		SDC:	
	of approximately a property in the Po	30 acres of vital marine in ortland Harbor.	ndustrial	Port Share Committed:	
JDE NUM:	810049			Port Share Forecasted:	
RTP Related:	11208			<u>Private:</u>	
Recent Study:	Terminal 4 Pier 1	Facility Plan (TEC Inc.)		Other:	
Port Strategic Area:	Regional Leaders	chin in Industrial Lands		<u>Unfunded:</u>	\$8,000,000
RTP 2035 Illustra	-	Conditioned Pro	niect E	stimate Rating:	
✓ RTP 2035 Consti		Identified in STI	•		
Project Name:					
Map ID:		e Frame (Years):	5 years	Total Cost: Year of Cost	\$1,529,000
Project Type:	Rail			Estimate:	2012
Operation Area	Rivergate			<u>Federal:</u>	
Project Description:	Construct addition Yard.	nal rail track in the Berth	410 and 411 Rai	State:	
				<u> </u>	
Durnooo	land and the settles			<u>City:</u>	
Puipose.		and a filler of the second line of	and the s		
	additional rail cap	ency of the rail yard by co pacity.	reating	City:	
JDE NUM:	additional rail cap		reating	City: SDC: Port Share Committed: Port Share	
JDE NUM:	additional rail cap		reating	City: SDC: Port Share Committed: Port Share Forecasted:	
	additional rail cap		reating	City: SDC: Port Share Committed: Port Share Forecasted: Private:	
RTP Related: Recent Study:	additional rail cap	pacity.	reating	City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	#4 F00 200
RTP Related: Recent Study: Port Strategic Area:	additional rail cap 102052 Retain and Grow	Key Services		City: SDC: Port Share Committed: Port Share Forecasted: Private: Other: Unfunded:	\$1,529,000
RTP Related: Recent Study:	additional rail cap 102052 Retain and Grow	pacity.	oject <u>E</u>	City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	\$1,529,000

Project Name: T4 Berth 405 and 408 Demolition

Map ID:	90	Time Frame (Years):	5	years	Total Cost:	\$18,747,222
Project Type:	Marine					<u>Year of Cost</u> <u>Estimate:</u>	2013
Operation Area	Rivergate					<u>Federal:</u>	20.0
Project Description:	Demolish Be	erth 405 and Berth	408.			<u>State:</u>	
						<u>City:</u>	
						SDC:	
Purpose:	Remove obs	solete berth structu	res.			Port Share Committed:	
JDE NUM:	810048					Port Share	
RTP Related:	010010					Forecasted:	
Recent Study:						Private:	
•						Other:	
Port Strategic Area:	Retain and					<u>Unfunded:</u>	\$18,747,222
RTP 2035 Illustra		_	tioned Pro	•		Estimate Rating:	
☐ RTP 2035 Constr	rained	identi	fied in STIF	•			
Project Name:	Bonnevi	<u>lle Rail Yard</u>	Build O	<u>ut</u>			
Map ID:	91	Time Frame (Years):	10 y	years	Total Cost:	\$3,600,000
Map ID: Project Type:	91 Rail	Time Frame (Years):	10 y	years	Year of Cost	
•		Time Frame (Years):	10 y	years	Year of Cost Estimate:	\$3,600,000 2013
Project Type: Operation Area	Rail Rivergate	·	·			Year of Cost Estimate: Federal:	
Project Type:	Rail Rivergate Construct tw	o interior yard tractor the e	ks and com	plete t	he douk	Year of Cost Estimate: Federal: State:	
Project Type: Operation Area	Rail Rivergate Construct tw track lead fre	o interior yard tractor the e	ks and com	plete t	he douk	Year of Cost Estimate: Federal: State: City:	
Project Type: Operation Area Project Description:	Rail Rivergate Construct tw track lead fre Barnes Yard	o interior yard tractor the e	ks and compast end of t	plete t	he douk	Year of Cost Estimate: Federal: State: City: SDC:	
Project Type: Operation Area Project Description:	Rail Rivergate Construct tw track lead fre Barnes Yard	o interior yard trac om the wye at the e	ks and compast end of t	plete t	he douk	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed:	
Project Type: Operation Area Project Description:	Rail Rivergate Construct tw track lead fre Barnes Yard	o interior yard trac om the wye at the e	ks and compast end of t	plete t	he douk	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Project Type: Operation Area Project Description: Purpose:	Rail Rivergate Construct tw track lead fre Barnes Yard Add rail stage	o interior yard trac om the wye at the e	ks and compast end of t	plete t	he douk	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed:	
Project Type: Operation Area Project Description: Purpose: JDE NUM:	Rail Rivergate Construct tw track lead from Barnes Yard Add rail stage	o interior yard tractom the wye at the ending the wye at the ending the wye at the ending capacity for Science and the wye at the ending capacity for Science and the wye at the ending capacity for Science and the wye at the ending capacity for Science and the wye at the ending capacity for Science and the wye at the ending capacity for Science and Capaci	ks and compast end of t	plete t	he douk	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:	Rail Rivergate Construct tw track lead fr Barnes Yard Add rail stag	ro interior yard tractom the wye at the ending the wind at the ending capacity for Science	ks and com east end of t	plete t	he douk	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:	Rail Rivergate Construct tw track lead from Barnes Yard Add rail stage Port Rail Plat Regional Le	no interior yard trace from the wye at the e ding capacity for So n	ks and com east end of t	plete t the yar ate.	the doub rd to	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2013

Project Name: Ramsey Yard Utilization

Map ID:	92 Time Frame (Years): 10 years	Total Cost:	\$1,700,000
Project Type:	Rail	Year of Cost Estimate:	2013
Operation Area	Rivergate	Federal:	
Project Description:	Connect existing set out track with industrial lead.	State:	
		<u>City:</u>	
Purpose:	Improve unit train staging capabilities at Ramsey Rail Ya	rd.	
·		Port Share Committed:	
JDE NUM:		Port Share Forecasted:	
RTP Related:		Private:	
Recent Study:	Port Rail Plan	Other:	
Port Strategic Area:	Regional Leadership in Transportation	<u>Unfunded:</u>	\$1,700,000
RTP 2035 Illustra	tive Conditioned Project	Estimate Rating: 30	
RTP 2035 Constr	ained Identified in STIP		



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Project Name: North Willamette Greenway Trail

Map ID:	93 Tim	ne 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 b Steel Bridge alone	picycle trail from Kelly Po ng the Willamette River.	int Park to the The money	State:	
		is project is for a study o		<u>City:</u>	
D				SDC:	
Purpose:		an and bicycle connectinate implementation with		Port Share Committed:	
JDE NUM:				Port Share	
RTP Related:				Forecasted:	
				<u>Private:</u>	
Recent Study:				Other:	
Port Strategic Area:	Regional Leaders	ship in Transportation		<u>Unfunded:</u>	\$500,000
✓ RTP 2035 Illustra		☐ Conditioned Pr	oject <u>Es</u>	<u>timate Rating:</u>	
✓ RTP 2035 Const	rained	Identified in ST	IP		
Project Name:	Graham Lir	ne Connection			
Map ID:	94 Tim	ne Frame (Years):	5 years	Total Cost:	\$15,000,000
Project Type:	Rail			Year of Cost Estimate:	2006
Operation Area	T2/Swan Island			<u>Federal:</u>	
Project Description:	This project will c	create a new track conne nich runs parallel with I-8	ction between the	State:	
	Sullivan's Gulch a	and the Brooklyn Sub, U		City:	
	line through Portla			SDC:	
Purpose:	from the east to to	will allow UP rail traffic er turn south onto the Brool is project will eliminate d	klyn Sub from the	Port Share Committed:	
JDE NUM:	, ,			Port Share	
RTP Related:				Forecasted:	
Recent Study:		Study (HDR 2003)		Private:	
nesent study.	i o naii capacity i	Glady (11D11, 2000)		<u>Other:</u>	
Port Strategic Area:	Pagional Loador				
DTD coop III	negional Leaders	ship in Transportation		<u>Unfunded:</u>	\$15,000,000
RTP 2035 Illustra		ship in Transportation Conditioned Pr	oject <u>Es</u>		\$15,000,000

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

Map ID:	95	Γime Fra	ame (Y	ears):	5 yea	ars	Total Cost:	\$1,500,000
Project Type:	Marine						Year of Cost Estimate:	2011
Operation Area	T2/Swan Isla	nd					<u>Federal:</u>	2011
Project Description:	Stormwater in	nprovemer	nts.				State:	
							<u>City:</u>	
							SDC:	
Purpose:	Enhance man performance						Port Share Committed:	
JDE NUM:	101667						Port Share Forecasted:	
RTP Related:							Private:	
Recent Study:							Other:	
Port Strategic Area:	Retain and G	row Key S	ervices				<u>Unfunded:</u>	\$1,500,000
RTP 2035 Illustra				ned Proj	ject	<u>E</u>	stimate Rating:	
RTP 2035 Constr	ained		Identifie	d in STIP	•			
Project Name:	T2 Stora	ge Buil	ding Ir	nprove	<u>ement</u>	<u>ts</u>		
Map ID:	96	Γime Fra	ame (Yo	ears):	5 yea	ars	Total Cost:	\$1,000,000
Project Type:	Marine						Year of Cost	2012
Operation Area	T2/Swan Isla	nd					Estimate:	2012
Project Description:						dings to	<u>Federal:</u>	
	allow for the	storage of	bulk carg	os such a			State:	
					s pulp.		<u>State.</u>	
Purpose:	This project is needed to upgrade the existing terminal				s pulp.		<u>State.</u> <u>City:</u>	
						ninal to	<u>City:</u> SDC:	
	more efficien					ninal to	<u>State.</u> <u>City:</u>	
JDE NUM:						ninal to	City: SDC: Port Share Committed: Port Share	
JDE NUM: RTP Related:						ninal to	City: SDC: Port Share Committed: Port Share Forecasted:	
						ninal to	City: SDC: Port Share Committed: Port Share Forecasted: Private:	
RTP Related: Recent Study:	more efficien	ily handle l	oulk cargo			ninal to	City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	\$1,000,000
RTP Related:	more efficien	ily handle l	oulk cargo		ing term		City: SDC: Port Share Committed: Port Share Forecasted: Private:	\$1,000,000

Project Name: Portland Terminal Railroad Power Switches

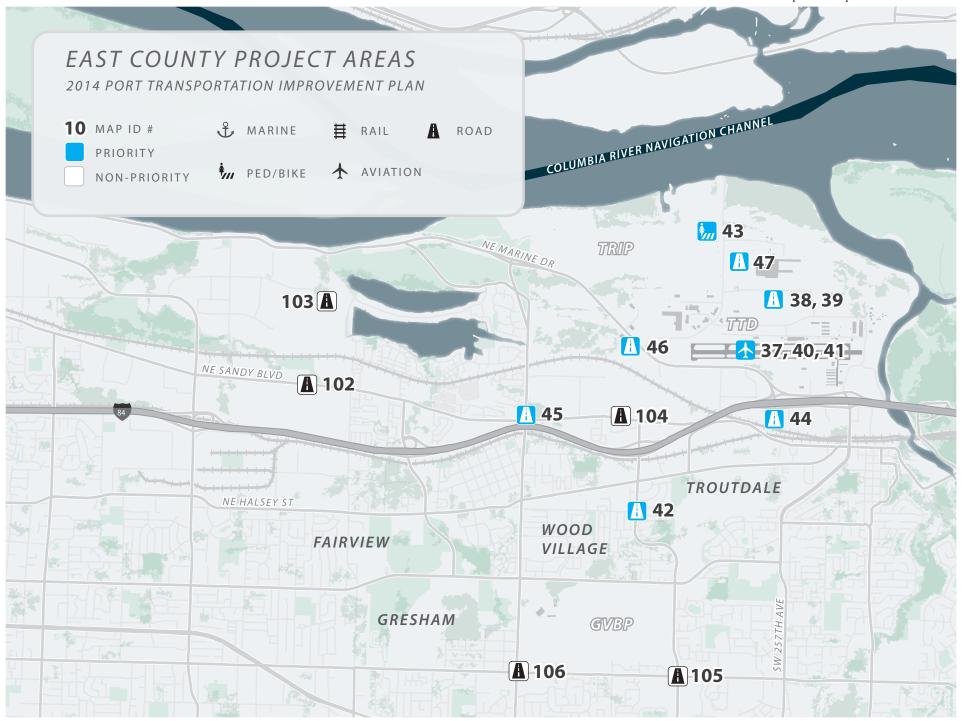
Map ID:	97 Time F	rame (Years):	5 years	Total Cost:
Project Type:	Rail			Year of Cost Estimate:
Operation Area	T2/Swan Island			Federal:
Project Description:			between	State:
	Lake Yard and Termin	al 2.		<u>City:</u>
				SDC:
Purpose:		es for trains to travel frog g blockage of mainline		Port Share Committed:
JDE NUM:				Port Share
RTP Related:				Forecasted:
Recent Study:	Port Pail Plan			<u>Private:</u>
riccent olday.	FUIT HAII FIAII			Other:
Port Strategic Area:	Regional Leadership	n Transportation		<u>Unfunded:</u>
RTP 2035 Illustra		Conditioned Proje	ct	Estimate Rating:
☐ RTP 2035 Constr	ained	Identified in STIP		
Project Name:	Portland Term	inal Mainline A	ccess Ir	<u>nprovements</u>
Map ID:	98 Time F	rame (Years):	5 years	Total Cost:
Project Type:	Rail			Year of Cost Estimate:
Operation Area	T2/Swan Island			Esumate:
Project Description:				
	Trains will arrive and o	lepart Lake Yard more	quickly, thu	<u>Federal:</u>
	Trains will arrive and creducing the BNSF I-5	depart Lake Yard more main line track blocka	quickly, thu ge time.	Federal: State:
	Trains will arrive and c reducing the BNSF I-5	lepart Lake Yard more i main line track blocka	quickly, thu age time.	Federal: State: City:
Purpose:	reducing the BNSF I-5	lepart Lake Yard more is main line track blocka ng the BNSF main line.	ige time.	Federal: State: City: SDC:
Purpose:	reducing the BNSF I-5	i main line track blocka	ige time.	Federal: State: City:
Purpose: JDE NUM:	reducing the BNSF I-5	i main line track blocka	ige time.	Federal: State: City: SDC: Port Share Committed: Port Share
	reducing the BNSF I-5	i main line track blocka	ige time.	Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:
JDE NUM:	reducing the BNSF I-5	i main line track blocka	ige time.	Federal: State: City: SDC: Port Share Committed: Port Share
JDE NUM: RTP Related: Recent Study:	reducing the BNSF I-5 Increase capacity alor Port Rail Plan	i main line track blocka	ige time.	Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:
JDE NUM: RTP Related:	reducing the BNSF I-5 Increase capacity alor Port Rail Plan Regional Leadership	i main line track blocka	ge time.	Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:

Project Name: <u>Dredge Oregon Booster Pump</u>

мар ір:	99 IIme	e Frame (Years):	5 years	<u> Iotal Cost:</u>	\$10,000,000
Project Type:	Marine			Year of Cost Estimate:	2012
Operation Area	T2/Swan Island			<u>Federal:</u>	
Project Description:	Refurbish or replace	ce Navigation Division 30	" booster pump.		
				City:	
_				SDC:	
Purpose:	Increase production Augmenting Pump	on and efficiency of Dredo oing capability.	ge Oregon by	Port Share Committed:	
JDE NUM:	102075			Port Share	
RTP Related:				Forecasted:	
Recent Study:				Private:	
-				Other:	* 40.000.000
Port Strategic Area:			-	<u>Unfunded:</u>	\$10,000,000
RTP 2035 Illustra		☐ Conditioned Proj		stimate Rating:	
Project Name:		klyn Yard Derails	<u>Project</u>		
Map ID:	100 Time	e Frame (Years):	5 years	Total Cost:	
Project Type:	Rail			Year of Cost Estimate:	
•	T2/Swan Island			<u>Federal:</u>	
Project Description:	Install power derai	ls at Brooklyn Yard conne	ections to main	State:	
				<u>City:</u>	
Durnosa:	Will raduce blocks	ge of north-south mainlin	o regulting in	SDC:	
r ui pose.	reduction of rail tra		ie ,resuiting in	Port Share Committed:	
JDE NUM:				Port Share	
RTP Related:				Forecasted: Private:	
Recent Study:	Port Rail Plan			Other:	
Port Strategic Area:	Regional Leaders	nip in Transportation		<u>Unfunded:</u>	
RTP 2035 Illustra		☐ Conditioned Proj	ect <u>Es</u>	stimate Rating:	
RTP 2035 Constr	rained	☐ Identified in STIP			

Project Name: T2 Track Reconfiguration and Siding

Map ID : 10	1 Time Frame (Years	b): 10 years <u>Total Cost:</u>	\$8,900,000
Project Type: Rail		<u>Year of Cost</u> <u>Estimate:</u>	2013
Operation Area T2/S	Swan Island	Federal:	
Project Description: Con	nstruct rail loop and support siding.		
		<u>City:</u>	
Purpose: Incre	Increase rail capacity at Terminal 2.	SDC:	
,	300 .a. 34pas.y a. 13a. <u>2</u> .	<u>Port Share</u> <u>Committed:</u>	
JDE NUM:		<u>Port Share</u> <u>Forecasted:</u>	
RTP Related:		Private:	
Recent Study: Port	t Rail Plan	Other:	
Port Strategic Area: Reta	ain and Grow Key Services	<u>Unfunded:</u>	\$8,900,000
RTP 2035 Illustrative	☐ Conditioned	Project <u>Estimate Rating:</u>	3c
RTP 2035 Constraine	ed Identified in	STIP	



Project Name: Sandy Blvd. Widening to 4 lanes

Map ID:	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>	
Durnosa:	Improve east west capacity and serve developing	SDC:	
ruipose.	industrial property.	Port Share Committed:	
JDE NUM:		Port Share	
RTP Related:		Forecasted:	
Recent Study:		<u>Private:</u>	
necent olday.		Other:	
Port Strategic Area:	Regional Leadership in Transportation	<u>Unfunded:</u>	\$10,000,000
✓ RTP 2035 Illustra	ative Conditioned Project <u>E</u>	Estimate Rating:	
✓ RTP 2035 Constr	rained Identified in STIP		
Project Name:	Riverside Drive Extension		
Map ID:	103 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)		
	Serve developing industrial parcels.	<u>City:</u>	
Purpose:		SDC:	
		Port Share Committed:	
JDE NUM:		Port Share	
RTP Related:		Forecasted:	
Recent Study:		Private:	
necent Study.		Other:	
Port Strategic Area:	Regional Leadership in Transportation	<u>Unfunded:</u>	\$10,975,110
RTP 2035 Illustra	ative Conditioned Project	<u> Stimate Rating:</u>	
RTP 2035 Constr	rained Identified in STIP		

Project Name: Sandy Blvd. Widening to 3 lanes

Map ID:	Time Frame (Years): 10 years	<u>Total Cost:</u>	\$7,438,000
Project Type:	Road	Year of Cost Estimate:	
Operation Area	East County	Federal:	
Project Description:	Sandy Blvd. widen to 3 lanes (207th to 238th), add sidewalks and bike lanes.	State:	
		<u>City:</u>	
_		SDC:	
Purpose:	Improve east west capacity and serve adjacent developing industrial property.	Port Share Committed:	
IDE NUM		Port Share	
JDE NUM:		Forecasted:	
RTP Related:	10399	Private:	
Recent Study:		Other:	
Port Strategic Area:	Regional Leadership in Transportation	<u>Unfunded:</u>	\$7,438,000
✓ RTP 2035 Illustra	tive Conditioned Project <u>E</u>	stimate Rating:	
✓ RTP 2035 Constr	rained Identified in STIP		
	NE Hogan at NE Stark Street		
Map ID:	105 Time Frame (Years): 5 years	Total Cost:	\$1,908,431
Project Type:	Road	Year of Cost Estimate:	2007
Operation Area	East County	<u>Federal:</u>	
Project Description:	Add right turn lanes on all approaches and second		
	northbound and southbound left turn lanes.	State:	
Purpose:		<u>City:</u>	
	Address intersection capacity affecting access to	SDC:	
	Gresham Vista Business Park.	Port Share Committed:	
JDE NUM:		Port Share Forecasted:	
RTP Related:	10511	<u>r orecasted:</u> <u>Private:</u>	
Recent Study:	East Metro Connections Plan	Other:	
Port Strategic Area	Regional Leadership in Transportation	<u>Unfunded:</u>	\$1,908,431
RTP 2035 Illustra		stimate Rating:	
✓ RTP 2035 Constr	_		

Project Name: NE 223rd at Stark

Map ID:	106 Time	Frame (Years):	5 years	Total Cost:	\$1,196,756
Project Type:	Road			Year of Cost Estimate:	2007
Operation Area	East County			<u>Estimate.</u> <u>Federal:</u>	2001
Project Description:	Add eastbound and northbound right turn lanes and southbound left turn lanes.			State:	
Durnosa				<u>City:</u>	
	Address intersection capacity affecting access to Gresham Vista Business Park.		SDC:		
. u.pooo.			Port Share Committed:		
JDE NUM:				Port Share Forecasted:	
RTP Related:	10473			Private:	
Recent Study: East Metro Connections Plan		Other:			
Port Strategic Area: Regional Leadership in Transportation Unfunded:			\$1,196,756		
▼ RTP 2035 Illustra	ative	☐ Conditioned Pro	ject	Estimate Rating:	
▼ RTP 2035 Const	rained	☐ Identified in STIF	•		