# 2008 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 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.

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<sup>&</sup>lt;sup>1</sup> Roads owned and maintained by the Port of Portland include:
NE Airport Way (between I-205 and the Airport terminal), 82<sup>nd</sup> 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.

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), 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).

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The Port Transportation Improvement Plan is a multimodal compilation of marine terminal, 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 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.

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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 show 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.

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 Projects Involving Other Funding Sources <sup>1</sup>	Project Cost <sup>2</sup>	Map ID#
Air Cargo Access	\$11,147,000	2,3,4,5,6
Channel Deepening	\$150,573,000	22
Columbia Blvd. Northbound Ramps on I-5	\$69,000,000	10
Columbia Blvd., Lombard St. Improvements at MLK	\$2,200,000 <sup>3</sup>	9
I-205 Interchange Improvement (NB On-Ramp)	\$27,200,000	7
I-205 Interchange Improvement (SB Off-Ramp)	\$2,740,000	8
Intelligent Transportation System (ITS) Improvements	\$1,480,000	1,13,48
Leadbetter St. Extension/Overcrossing	\$11,323,500	19
257 <sup>th</sup> interchange at I-84 improvement	\$9,400,000	44
North Lombard St. Improvement	\$3,610,000	14
238 <sup>th</sup> Ave. Extension	\$14,500,000	45
223 <sup>rd</sup> Ave. Widening	\$3,667,000	43
Sundial Road Reconstruction	\$772,600	42
Barnes to Terminal 4 Rail	\$3,000,000	20
Barnes Yard to Bonneville Yard Trackage	\$11,912,000 <sup>4</sup>	18
Kenton Rail Line Upgrade	\$25,382,000 <sup>4</sup>	25
Ramsey Rail Yard Complex	\$13,900,000 <sup>4</sup>	15
SRG Rail Yard Expansion	\$9,821,000	16
Terminal 2 Rail Improvements	\$1,535,000	47
Cathedral Park Quiet Zone	\$3,500,000	23
Portland Bulk Terminal 4th Rail Loop	\$7,000,000	17

#### Notes:

- Projects are not listed in order of priority and do not include aviation or non-rail marine terminal projects.
   Refer to Priority Reports for funding break-out.
   Costs for reconnaissance.
   Project cost shown is per I-5 Rail Capacity Study (2003), not per independent Port estimate.

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 Capital Projects Involving Other Funding Sources <sup>1</sup>	Project Cost	Map ID#
T-6 Container Crane Purchase	\$10,900,000	27
T-6 Optical Character Recognition	\$2,700,000	28
T-6 Wireless Network and Mobile Data Units	\$300,000	29
T-6 Berth Deepening and Scour Protection	\$3,400,000	30
Marine Access Control and Surveillance	\$3,400,000	31
T-6 Crane Rail Improvements and Tie Backs	\$4,600,000	32
T-6 Container Dock Extension	\$19,500,000	33
T-6 Additional Post-Panamax Cranes	\$20,000,000	34
T-6 Yard Equipment	\$1,750,000	37
T-6 Container Crane Modernization	\$4,000,000	38
T-6 Auto Facility Upgrade	\$10,200,000	35
Terminal 4 Automobile Yard Expansion	\$2,500,000	36
Terminal 4 Barge Facility Relocation	\$8,000,000	39
Berth 503 Dock Rehabilitation	\$4,700,000	24
Berth Deepening: Berths 401, 501, and 503	\$1,600,000	40
Terminal 4 Pipeline Infrastructure	\$5,600,000	26

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

Priority Aviation Capital Projects Involving Other Funding Sources <sup>1</sup>	Project Cost	Map#
TTD relocation of Taxiway B, Phase 1 & 2	\$2,200,000	41
HIO High Speed Exits	\$2,430,000	49
HIO Taxiway A3 extension	\$2,200,000	50
PDX North Runway rehabilitation	\$11,200,000	11
PDX North Runway extension	\$61,000,000	12
PDX ITS	\$1,000,000	1
Mulino Airport Development Improvements	\$2,200,000	51

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

## 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, and time frame.

## 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
4S9	Mulino Airport

#### Time Frame:

Projects identified in the PTIP are shown as occurring in the 5, 10, or 20-year time frames. Project 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.

# **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	Total Cost	Priority	Area Map
1	PDX ITS	Intelligent Transportation Systems in the PDX area.	Improve traveler information and automated vehicle identification system at PDX.	10	\$1,000,000	<b>Z</b>	Priority Map
2	Cornfoot Rd./Airtrans Way Signal Improvement	Construct new traffic signal.	Retain efficient movement of traffic to PDX properties.	5	\$650,000	$\mathbf{Z}$	Priority Map
3	Alderwood/Columbia Blvd. Intersection Improvements	Widen and signalize intersection at Alderwood Rd. and Columbia Blvd.	Provide transportation link to the cargo area located within the south airport area and to support Columbia Corridor freight movement.	5	\$1,460,000		Priority Map
4	Alderwood Rd. Intersections Improvement	Improve Alderwood Rd./Cornfoot Rd. and Alderwood Rd./82nd Ave. intersections. Add signals, turn lanes.	Provide efficient movement of traffic to PDX and PIC properties.	5	\$1,528,000	V	Priority Map
5	47th Ave. (at Columbia Blvd.) Intersection Improvements	Widen and channelize NE 47th Ave. intersection at NE Columbia Blvd.	Provide improved traffic flow to air cargo facilities located within the south airport area.	5	\$4,100,000		Priority Map
6	82nd Ave. SB Ramp/Columbia Blvd.	Construct additional through lane in each direction. Add a new turn lane. Signalize.	Mitigate PDX Growth Impacts.	10	\$3,409,000	V	Priority Map
7	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.	10	\$27,200,000	V	Priority Map
8	I-205 Interchange - SB Off-Ramp at Airport Way	Widen I-205 SB off-ramp at Airport Way.	Provide additional capacity for anticipated growth at interchange.	5	\$2,740,000	.✓	Priority Map

Map ID	Project Name	Project Description	Purpose	Time Frame	Total Cost	Priority	Area Map
9	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. Improve rail network performance on the Kenton mainline in the vicinity of 11th Avenue.	5	\$16,835,000	<b>)</b>	Priority Map
10	I-5/Columbia Blvd. Improvement	Construct a full interchange at Columbia Blvd. or the functional equivalent.	Improve connections between Columbia Blvd. and I-5 for trucks.	10	\$69,000,000	<b>∑</b>	Priority Map
11	PDX North Runway Rehabilitation	Rehabilitate the North Runway.	Keep the runway in safe operating condition.	5	\$11,200,000	$ \mathbf{Z} $	Priority Map
12	PDX North Runway Extension	Extend the length of the North Runway by up to 1,828 feet.	Preserve international and domestic long haul service while south runway is closed.	5	\$61,000,000	¥	Priority Map
13	Rivergate ITS	Intelligent Transportation System in Rivergate.	Improve traffic efficiency in Rivergate by connecting information about the roadway system to ODOT's Highway ITC systems.	5	\$480,000	V	Priority Map
14	Widen Lombard-Purdy to Simmons	Widen North Lombard St. from 600 feet south of North Rivergate Blvd. to the Columbia Slough. Add bike lanes and sidewalks.	Increase multi-modal capacity to accommodate growth in surrounding development.	5	\$3,610,000		Priority Map
15	Ramsey Rail Improvements	Construct up to six tracks and a second lead into/through the Ramsey Rail Yard. Project adds rail storage and staging separate from main line tracks.	Support trade related transportation infrastructure, policy, and services by constructing a key rail project to increase Rivergate and regional capacity, and to allow dual unit train access to Terminal 5.	5	\$13,900,000	Ŋ	Priority Map

Map ID	Project Name	Project Description	Purpose	Time Frame	Total Cost	Priority	Area Map
16	SRG Rail Yard Expansion	Construct a second lead and five storage tracks in South Rivergate Yard	Increase unit train capacity to Terminal 5 and other South Rivergate facilities.	5	\$9,821,000	<u> </u>	Priority Map
17	Portland Bulk Terminal 4th Rail Loop	Design and construct a fourth rail loop within Portland Bulk Terminal's potash export facility at Terminal 5.	The project will increase the throughput capacity by facilitating the receipt and dispatch of unit trains.	5	\$7,000,000	V	Priority Map
18	Barnes Yard to Bonneville Yard Trackage	Construct additional unit train trackage (approximately 16,000 linear feet) between Bonneville and Barnes rail yards.	Address limited Rivergate staging area for unit trains approaching or departing the marine terminals. Reduce switching bottlenecks, limits to terminal access and other operational conflicts in the Columbia Corridor.	5	\$11,912,000	Y	Priority Map
19	Leadbetter St. Extension/Overcrossing	Complete Leadbetter St. loop to Marine Dr. (Pacific Gateway/Terminal 6 intersection) including a road bridge over rail line.	Provide access to developing properties and eliminate rail/auto conflict at future intersection.	5	\$11,323,500	V	Priority Map
20	Barnes to Terminal 4 Rail	Provide a new track from Barnes Yard to Terminal 4	Improve rail access to Terminal 4.	5	\$3,000,000	$\overline{\mathbf{z}}$	Priority Map
21	T-5 Unit Rail Loop #3	Construct one additional loop track.	Increase rail storage and rail handling capability of existing bulk terminal.	5	\$3,534,000	<b>&gt;</b>	Priority Map
22	Channel Deepening	Deepen the Columbia River channel to 43 feet between the mouth of Columbia River and Portland/Vancouver Harbor.	Serve panamax bulk vessels and post-Panamax container vessels.	5	\$150,573,000	V	Priority Map
23	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	\$3,500,000	V	Priority Map

Map ID	Project Name	Project Description	Purpose	Time Frame	Total Cost	Priority	Area Map
24	Berth 503 Dock Rehabilitation	Repair the priority components of Berth 503 to address advanced corrosion on the girders and beams which support the dock structure.	Make significant and necessary life-extending repairs to Berth 503 to keep the structure serviceable for the next 30 years.	5	\$4,700,000	<b>V</b>	Priority Map
25	Kenton Rail Line Upgrade	Upgrade existing track to second main track with new double track from Peninsula Junction to 1-205 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	V	Priority Map
26	Terminal 4 Pipeline Infrastructure	Design and build a new common user pipeline system.	Develop a new pipeline system to to serve as many as four potential liquid bulk tenants over Berth 401.	5	\$5,600,000		Priority Map
27	Terminal 6 Container Crane #6381 Purchase	Purchase a post-panamax crane to bring the number of post-panamax cranes at Terminal 6 to four. Scheduled for delivery in 2008	Facilitate efficient handling of larger container ships.	5	\$10,900,000	<b>&gt;</b>	Priority Map
28	Terminal 6 Optical Character Recognition	Install Optical Character Recognition software and hardware.	Automate data capture at the truck gates.	5	\$2,700,000	<b>~</b>	Priority Map
29	Terminal 6 Wireless Network and Mobile Data Units	Install a wireless network covering the Terminal 6 facility and provide new mobile data units (MDUs) to send data over that network.	Improve operational efficiencies at Terminal 6.	5	\$300,000	Z	Priority Map
30	T-6 Berth Deepening and Scour Protection	Construct scour protection and deepen Terminal 6 container berths.	Permit better utilization for vessels calling Terminal 6.	5	\$3,400,000	✓	Priority Map
31	Marine Access Control and Surveillance	Install new security gate systems at at Terminals 4 and 6.	Strengthen access gate and perimeter security at Terminals 4 and 6.	5	\$3,400,000	<b>&gt;</b>	Priority Map

Map ID	Project Name	Project Description	Purpose	Time Frame	Total Cost	Priority	Area Map
32	T-6 Crane Rail Improvements and Tie Backs	Construct additional crane rail tie- backs to Berth 604 east and Berth 605, and add 100 feet of crane rail to Berth 604 west.	Improve the strength of the dock and provide crane rail necessary to handle two post-panamax vessels at the same time.	5	\$4,600,000	V	Priority Map
33	Terminal 6 Container Dock Extension	Extend Berth 605 upstream by 600 feet or more.	Lengthen the berth to preserve Terminal 6 as a three-berth facility capable of handling longer vessels.	5	\$19,500,000	V	Priority Map
34	Terminal 6 Additional Post-Panamax Cranes	Acquire two post-panamax cranes in addition to Crane #6381.	Provide a two-berth post- panamax vessel capability at Terminal 6.	5	\$20,000,000	V	Priority Map
35	Terminal 6 Auto Facility Upgrades	Modify Berth 607 dock, expand the rail ramp, study rail crossing feasiblity at Terminal 6.	Increase operating efficiencies at the Honda facility.	5	\$10,200,000	$\mathbf{\nabla}$	Priority Map
36	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.	5	\$2,500,000		Priority Map
37	Terminal 6 Yard Equipment	Purchase eight (8) container chassis and three (3) reachstackers.	The newer container chassis allow for a decrease in vessel turn-around time. The new reachstackers will increase hours between down times for maintenance.	5	\$1,750,000	V	Priority Map

Map ID	Project Name	Project Description	Purpose	Time Frame	Total Cost	Priority	Area Map
38	Terminal 6 Container Crane Modernization	On Crane 6379, upgrade electronics and provide new programmable logic controllers for the motor drives. On Crane 6378 (heavy lift crane) upgrade the electronics, provide new motor drive. Relocate in the line-up and paint the trolley girder beam.	This project will modernize some of the Port's older container cranes, improving efficiencies in the transfer of containerized cargo between four modes of transportation: ocean vessel, rail, truck, and river barge.	5	\$4,000,000	>	Priority Map
39	Terminal 4 Barge Facility Relocation	Design and construct a new barge receiving facility at the Terminal 4 grain facility. Slip 1, the location of the existing barge facility, will potentially be used as a confined disposal facility as part of the Terminal 4 Early Action Sediment Clean-up.	Approximately 40 to 50 percent of all wheat and barley exported from the Columbia\Willamette River system is delivered to the export terminal by barge. This includes wheat grown by Oregon grain growers.	5	\$8,000,000	Ø	Priority Map
40	Berth Deepening: Berths 401, 501, and 503	Deepen berths at Terminals 4 and 5 to allow deeper draft vessels to transit the planned 43 foot channel.	Allow better utilization of panamax-class bulk vessels.	5	\$1,600,000	V	Priority Map
41	TTD Relocation of Taxiway B Phase 1 & 2	Relocate Taxiway B 50 feet to the south.	Comply with new FAA requirements for distances between taxiways and runways. Reduce FAA restrictions on the size of aircraft using the runway.	5	\$2,200,000	S	Priority Map
42	Sundial Road Improvement	Improve the roadway section from Marine Drive to the north access of the Troutdale Reynolds Industrial Park.	Accommodate Troutdale Reynolds Industrial Park and other traffic.	5	\$772,600	V	Priority Map
43	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	V	Priority Map

Map ID	Project Name	Project Description	Purpose	Time Frame	Total Cost	Priority	Area Map
44	257th Interchange at I-84 Improvement	Improve function of split diamond interchange at 257th.	Improve access from north and south of the interchange to 1-84.	10	\$9,400,000	V	Priority Map
45	238th Avenue Extension	Construct new connector between Sandy Blvd. and Marine Drive.	To improve access from developing industrial areas to the interstate.	10	\$14,500,000	V	Priority Map
46	Freight Data Repository	Create a repository of regional freight data (primarily truck data), including from the region's Freight Data Collection project.	Collect truck counts from jurisdictions in the region using a tool that standardizes reported data and makes it available for use by others.	5		V	Priority Map
47	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.	Increase rail capacity and operating efficiencies at Terminal 2.	5	\$1,535,000	V	Priority Map
48	PSU ITS Expansion	Expand PSU's existing web based ITS "count sensor" program beyond the freeway to some key arterials throughout the region.	To secure truck flow and congestion data.	5			Priority Map
49	HIO High Speed Exits	Construct high speed exits on the airport's longest runway.	Relieve a portion of the over capacity of the airport system until a third runway is constructed in 2010 and 2011.	5	\$2,430,000		Priority Map
50	HIO Taxiway A3 Extension	Extend Taxiway A3 near the airport's longest runway.	Allow aircraft to exit the runway faster and relieve a portion of the over capacity of the airport system until a third runway is constructed in 2010 and 2011.	5	\$2,200,000	V	Priority Map

Map ID	Project Name	Project Description	Purpose	Time Frame	Total Cost	Priority	Area Map
51	Mulino Airport Development Improvements	Construct private access improvements as part of a larger project of development improvements.	Construct fuel facilities, hangars, and provide vehicle access to support redevelopable parcels.	5	\$2,200,000	<u>&gt;</u>	Priority Map
52	122nd Ave./Airport Way Intersection Improvement	Add turn lanes, channelization and signal modifications.	Mitigate PDX, Cascade Station, and Portland International Center Growth Impacts.	5	\$895,000		PDX/PIC
53	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
54	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
55	Airport Way Terminal Entrance Roadway Relocation	Relocate and widen Airport Way northerly at Terminal entrance.	Maintain adequate access and circulation in the terminal area.	5	\$12,818,000		PDX/PIC
56	Sandy Boulevard/105th Avenue	Add a southbound left-turn lane.	Accommodate projected growth from the development of CS/PIC.	5	\$327,000		PDX/PIC
57	Airport Way/Holman Street	Add a northbound right-turn lane and extend the northbound left-turn lane	Accommodate projected traffic growth from the development of CS/PIC	5	\$440,000		PDX/PIC

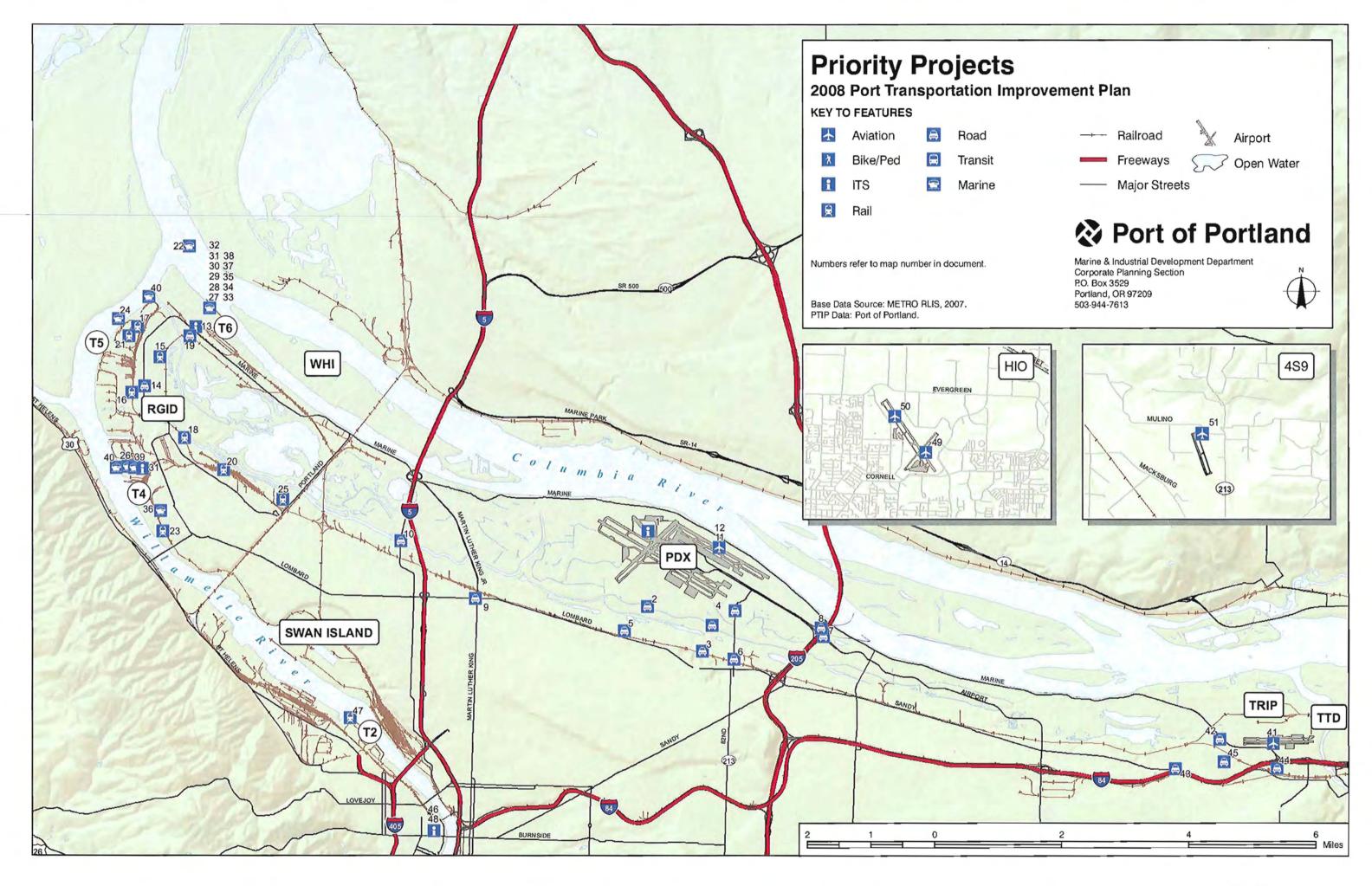
Map ID	Project Name	Project Description	Purpose	Time Frame	Total Cost	Priority	Area Map
58	PDX Transportation Demand Management (TDM)	Implement strategies at PDX and PIC properties that reduce auto trips in the airport area. Programs to be undertaken with other area businesses/developers to maximize effectiveness; possible administration through a transportation management association (TMA). Costs will be ongoing operational costs, not capital costs.	Fulfill TDM requirements of PDX Master Plan. Implement TDM projects and programs recommended in the PDX Alternative Modes Study.	5			PDX/PIC
59	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
60	Airport Way East Terminal Access Link Roadway	Construct Airport Way East Terminal access link roadway (Terminal Access Study, project R6, to be scoped by PDX Master Plan).	Facilitate direct East Terminal access, preventing failure of Main Terminal Roadway.	10	\$16,900,000		PDX/PIC
61	Airport Way Return and Exit Roadways	Realign the existing Terminal Exit Roadway to the north to facilitate the construction of Concourse B and Terminal Expansion East	Maintain adequate access and circulation in the terminal area.	10	\$5,660,000		PDX/PIC
62	Widen Airport Way West of 82nd	Widen Airport Way from terminal to 82nd Ave.	Provide improved traffic flow to the PDX Terminal and the surrounding PDX properties.	10	\$7,910,000		PDX/PIC
63	82nd Ave./Airport Way Grade Separation	Construct grade-separated overcrossing.	Provide efficient movement of traffic to PDX properties.	10	\$92,000,000		PDX/PIC
64	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			PDX/PIC

Map ID	Project Name	Project Description	Purpose	Time Frame	Total Cost	Priority	Area Map
65	I-205 Auxiliary Lane SB	New I-205 auxiliary lane from Airport Way to Columbia Blvd.	Provide additional capacity for anticipated growth in 1-205 corridor.	20			PDX/PIC
66	92nd Drive (Columbia Way to Alderwood Rd.)	Improve NE 92nd Drive from Columbia Slough to Alderwood Road.	Provide efficient movement of traffic between Columbia Way and Alderwood Road.	5	\$2,406,547		PDX/PIC
67	SW Quad Access	Provide street access from 33rd Ave. into SW Quad.	Provide efficient movement of traffic to developing PDX properties.	5	\$5,917,500		PDX/PIC
68	PDX Light Rail Station/Track Realignment	Realign light rail track into terminal building.	Accommodate terminal expansion plans.	10	\$14,000,000		PDX/PIC
69	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
70	Alternative Fuels Station	Construct a PDX alternative fuels station that will be accessible from both airside and landside	Provide refueling capabilities for both airside and landside (public) CNG vehicles. Encourage airport businesses to convert fleets to CNG to improve air quality.	5	\$1.000,000		PDX/PIC
71	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
72	I-5 Delta Park Widening	Widen I-5 to 6 lanes (Victory Blvd. to Lombard)	Improve efficiency and safety on I-5 between Victory Blvd. and Lombard.	5	\$68,963,000		Rivergate
73	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	\$1,200,000,000		Rivergate

Map ID	Project Name	Project Description	Purpose	Time Frame	Total Cost	Priority	Area Map
74	Kelly Point Park Access Trail/40 Mile Loop Trail	Bike/pedestrian trail along the north bank of the Columbia Slough.	Construct portion of 40 Mile Loop Trail in Rivergate.	5	\$101,500		Rivergate
75	Terminal 6 Internal Overcrossing	Construct a rail overcrossing at Terminal 6.	Increase efficient movement for rail and Terminal 6 tenants.	5	\$3,500,000		Rivergate
76	Marine Dr. Improvement Phase 2	Construct rail overcrossing on Marine Dr.	Avoid road/rail conflict.	20	\$18,000,000		Rivergate
77	West Hayden Island Bridge and Access Rd.	Construct 4-lane bridge to West Hayden Island, west alignment with 90' clearance and associated ramp infrastructure.	Provide access to Port's marine development and to existing development on Hayden Island.	10	\$49,800,000		Rivergate
78	West Hayden Island Rail Access	Rail access to support West Hayden Island development.	Advance rail-dependent development.	20			Rivergate
79	West Hayden Island Rail Yard	Seven track rail yard connected to facility trackage.	Advance rail development on West Hayden Island.	20			Rivergate
80	Lombard St./St. Louis Ave./Ivanhoe St. Multimodal Improvements	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 at St. Louis Ave. and at Philadelphia Ave., such as realignment and signalization.	Maintain truck movement and minimize conflicts with bicycles and pedestrians between Philadelphia Ave. and Lombard St. at Pier Park.	5	\$1,129,821		Rivergate
81	T6 Rail Support Yard Improvements	Construct an additional 6,800 feet of arrival/departure track and 8,500 feet of storage track.	Increase Terminal 6 rail capacity.	10	\$8,750,000		Rivergate
82	Burgard Bridge Replacement	Upgrade structure.	Replace the bridge with a slab on grade to eliminate weight restrictions.	5	\$1,445,000		Rivergate

Map ID	Project Name	Project Description	Purpose	Time Frame	Total Cost	Priority	Area Map
83	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	\$600,000		Rivergate
84	Reynolds Site Road Access Phase 2 and 3	Placeholder for potential road improvements to serve Phase 2 and 3 industrial development. Actual project will be developed in coordination with stakeholders.	Address off-site transportation impacts.	10			Troutdale/TRIP
85	Sundial Rd./Troutdale Reynolds Industrial Park Accesses	Add northbound right turn lanes at Swigert Way and the northmost Troutdale Reynolds Industrial Park Access.	Accommodate Troutdale Reynolds Industrial Park traffic.	5	\$228,917		Troutdale/TRIP
86	Marine Drive/Sundial Road	Signalize the intersection.	Support Access to Troutdale Reynolds Industrial Park	5	\$260,250		Troutdale/TRJP
87	Marine Drive Improvement and Extension	Convert Marine Drive one-way southbound to two-way under I-84 and widen to five lanes.	Ensure adequate long term interchange operation.	10	\$20,400,000		Troutdale/TRIP
88	Riverside Drive Extension	Riverside Dr. Extension (190th) to Sandy Blvd.); improve to collector standards.	Serve developing industrial parcels.	5	\$4,500,000		Troutdale/TRIP
89	Sandy Blvd. Widening to 4 lanes	Sandy Blvd. widen to 4 lanes and center turn lane (165th-202nd) with sidewalks and bike lanes.	Improve east west capacity and serve developing industrial property.	10	\$26,040,578		Troutdale/TRIP
90	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		Troutdale/TRJP

Map ID	Project Name	Project Description	Purpose	Time Frame	Total Cost	Priority	Area Map
91	Reynolds Site Road Access (Swigert Way)	Construct new roadway.	Provide Troutdale Reynolds Industrial Park traffic circulation.	5	\$4,696.000		Troutdale/TRIP
92	North Willamette Greenway Trail	Pedestrian and bicycle trail from the St. Johns Bridge to the Steel Bridge along the Willamette River.	Improve pedestrian and bicycle connectivity in North Portland.	20	\$200,000		T2/Swan Island
93	Going St. Rail- Overcrossing Improvement	Widen intersection and add additional eastbound lane on structure.	Provide through movement capacity for traffic entering and exiting Swan Island.	5	\$3,000,000		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 Sullivans 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. Currently UP rail traffic entering Portland from the east and intending to head south on the Brooklyn Sub must take the Kenton Line to Peninsula Junction then travel through the Peninsula Tunnel to connect with the Brooklyn Sub north of Albina Yard. This project will eliminate delay and increase system capacity.	5	\$15,000,000		T2/Swan Island



Project Name: PDX ITS

Map ID: 1 Time Frame: 10 years Total Cost: \$1,000,0	00.000,0
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Project Type: ITS Year of Cost Estimate: 2007

Operation Area Priority Map

Project Description: Intelligent Transportation Systems in the PDX area.

State: City:

Purpose: Improve traveler information and automated vehicle

identification system at PDX. Port Share

Committed:

JDE NUM: 100680

RTP Related: 4029

Port Share
Forecasted: \$1,000,000.00

Recent Study: PDX ITS Plan (2001)

Private:
Other:

☐ Conditioned Project ✓ RTP 2025 Constrained Unfunded: \$0.00

☐ Identified in STIP ☑ RTP 2025 Illustrative Estimate Rating: 3c

# Project Name: Cornfoot Rd./Airtrans Way Signal Improvement

Map ID: 2 Time Frame: 5 years <u>Total Cost:</u> \$650,000.00

Project Type: Road Year of Cost Estimate: 2006

Operation Area Priority Map Federal:

Project Description: Construct new traffic signal.

State: \$504,000.00

City:

Purpose: Retain efficient movement of traffic to PDX properties.

Port Share

Committed: \$146,000.00

JDE NUM: 810015, 810037

Port Share
Forecasted:

RTP Related: 4055 Private:

Recent Study: PDX Conditional Use Master Plan (2003)

Other:

☐ Conditioned Project ☑ RTP 2025 Constrained <u>Unfunded:</u>

✓ Identified in STIP ✓ RTP 2025 Illustrative Estimate Rating: 3c

Project Name: Alderwood/Columbia Blvd. Intersection Improvements

Map ID: 3 Time Frame: 5 years **Total Cost:** \$1,460,000,00 Year of Cost Project Type: Road 2002 Estimate: Operation Area Priority Map Federal: Project Description: Widen and signalize intersection at Alderwood Rd. and State: Columbia Blvd. City: SDC: Purpose: Provide transportation link to the cargo area located within the south airport area and to support Columbia Corridor Port Share freight movement. Committed: Port Share JDE NUM: 810020 Forecasted: RTP Related: 4041 Private: Recent Study: Cascade Station/Portland Int'l Center Environmental Other: Assessment Transportation Analysis (2004) Unfunded: \$1,460,000.00 ☐ Conditioned Project ✓ RTP 2025 Constrained Estimate Rating: 3c ☐ Identified in STIP ✓ RTP 2025 Illustrative Project Name: Alderwood Rd. Intersections Improvement Map ID: 4 Time Frame: 5 years Total Cost: \$1,528,000.00 Year of Cost Project Type: Road 2006 Estimate: Operation Area Priority Map Federal:

Project Description: Improve Alderwood Rd./Cornfool Rd. and Alderwood

Rd./82nd Ave. intersections. Add signals, turn lanes.

Purpose: Provide efficient movement of traffic to PDX and PIC

properties.

JDE NUM: 810014, 810016

RTP Related: 4042 Recent Study: PDX Conditional Use Master Plan (2003)

✓ Conditioned Project ✓ Identified in STIP

RTP 2025 Constrained

RTP 2025 Illustrative

State:

\$1,218,000.00

SDC:

City:

Port Share Committed:

Port Share Forecasted:

\$310,000.00

Private: Other:

Unfunded:

Estimate Rating: 2b

Federal:

Private:

State:

2006

## PRIORITY PROJECTS

Project Name: 47th Ave. (at Columbia Blvd.) Intersection Improvements

Map ID: 5 Time Frame: **Total Cost:** \$4,100,000.00 5 years

Year of Cost Project Type: Road

Estimate: Operation Area Priority Map

Project Description: Widen and channelize NE 47th Ave. intersection at NE

State: \$3,330,000.00 Columbia Blvd.

City:

SDC: Purpose: Provide improved traffic flow to air cargo facilities located

> within the south airport area. Port Share Committed:

Port Share JDE NUM: 810013

\$770,000.00 Forecasted: RTP Related: 4040

Recent Study: PDX Conditional Use Master Plan (2003)

Other:

Unfunded: ✓ Conditioned Project ✓ RTP 2025 Constrained

Estimate Rating: 3c ✓ Identified In STIP RTP 2025 Illustrative

Project Name: 82nd Ave. SB Ramp/Columbia Blvd.

new turn lane. Signalize.

Map ID: 6 Time Frame: Total Cost: \$3,409,000.00 10 years

Year of Cost Project Type: Road 2006 Estimate:

Operation Area Priority Map Federal: \$2,000,000.00

Project Description: Construct additional through lane in each direction. Add a

City:

SDC: Purpose: Mitigate PDX Growth Impacts. Port Share

Committed: \$1,409,000.00

Port Share JDE NUM: 810011 Forecasted:

RTP Related: 4044 Private:

Recent Study: Cascade Station/Portland Int'l Center Environmental Other:

Assessment Transportation Analysis (2004)

Unfunded: ✓ Conditioned Project ✓ RTP 2025 Constrained

Estimate Rating: 3c ✓ Identified in STIP **✓** RTP 2025 Illustrative

Project Name: 1-205 Interchange - NB On-Ramp at Airport Way

Map ID: 7 Time Frame: 10 years Total Cost: \$27,200,000.00 Year of Cost Project Type: Road 2006 Estimate: Operation Area Priority Map Federal: \$1,000,000.00 Project Description: New I-205 NB on-ramp and/or other improvements at I-State: 205/Airport Way interchange. City: SDC: Purpose: Provide additional capacity for anticipated growth in area Port Share Committed: \$7,000,000.00 Port Share JDE NUM: 810009 Forecasted: RTP Related: 2069 Private: Recent Study: Cascade Station/Portland Int'l Center Environmental Other: Assessment Transportation Analysis (2004) Unfunded: \$19,200,000.00 ☐ Conditioned Project RTP 2025 Constrained Estimate Rating: 3c ✓ Identified in STIP RTP 2025 Illustrative Project Name: I-205 Interchange - SB Off-Ramp at Airport Way Map ID: 8 Time Frame: 5 years **Total Cost:** \$2,740,000.00 Year of Cost Project Type: Road 2006 Estimate: Operation Area Priority Map Federal: Project Description: Widen I-205 SB off-ramp at Airport Way. State: City: SDC: Purpose: Provide additional capacity for anticipated growth at interchange. **Port Share** Committed: \$2,740,000.00 Port Share JDE NUM: 810012 Forecasted: RTP Related: 2070 Private: Recent Study: Cascade Station/Portland Int'l Center Environmental Other: Assessment Transportation Analysis (2004) Unfunded: ✓ Conditioned Project ✓ RTP 2025 Constrained

RTP 2025 Illustrative

☐ Identified in STIP

Estimate Rating: 2a

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

Map ID:	9		Time Frame:	5 y	ears	Total Cost:	\$16,835,000.00
Project Type:	Road					Year of Cost Estimate:	2004
Operation Area	Priority Map					Federal:	\$2,000,000.00
Project Description:	Improve freight mo Lombard St.	ver	ment between Columb	oia Blv	d. and	State:	
						<u>City:</u>	\$114,455.00
Purpose:	Improve connectiv	ih <i>ı a</i>	and better distribute fro	eiaht t	raffic	SDC:	
	between Columbia	Bl	vd. and Lombard St. Ir on the Kenton mainlin	mprov	e rail	Port Share Committed:	\$114,455.00
JDE NUM:						Port Share Forecasted:	
RTP Related:	4037					Private:	
Recent Study:	Columbia Corridor	Tra	ansportation Study (19	99)		Other:	
☐ Condition	oned Project	<b>V</b>	RTP 2025 Constrai	ned		<u>Unfunded:</u>	\$14,606,090.00
		<b>V</b>	RTP 2025 Illustrativ			Estimate Rating:	
Project Name:	I-5/Columbia	a E	Blvd. Improvem	<u>nent</u>			
Map ID:	10		Time Frame:	10 y	ears/	Total Cost:	\$69,000,000.00
Project Type:	Road					Year of Cost Estimate:	2006
Operation Area	Priority Map					Federal:	
Project Description:	Construct a full into functional equivale		nange at Columbia BN	vđ. or	the	State:	
						City:	
Purnose	Improve connectic	ne	between Columbia Blo	vd an	rd I-5 for	SDC:	
, al pood	trucks.	110	between columnia bi	<b>v</b> o. ar	u 1 0 10	Port Share Committed:	
JDE NUM:	810009					Port Share	
RTP Related:	4006					Foreçasted: Private:	
Recent Study:	I-5 Delta Park Envi	ron	mental Assessment (2	2006)		Other:	
			DTB			Unfunded:	\$69,000,000.00
		<b>✓</b>	RTP 2025 Constrai			Estimate Rating:	
I Identific	on in Side	•	BILD 2025 IIIIciratii	VA.			

Project Name: PDX North Runway Rehabilitation

Map ID: 11	Time Frame: 5 ye	ears <u>Total Cost:</u>	\$11,200,000.00
Project Type: Aviation		Year of Cost Estimate:	
Operation Area Priority Map		Federal:	
Project Description: Rehabilitate the f	North Runway.	State:	
		<u>City:</u>	
Purpose: Keep the runway	in sale operating condition	SDC:	
Talpose: Reep the followay	in sale operating condition.	Port Share Committed:	
JDE NUM: 100334		Port Share	
RTP Related:		<u>Forecasted:</u> Private:	
Recent Study:		Other:	
_	_	<u>Unfunded:</u>	\$11,200,000.00
Conditioned Project	RTP 2025 Constrained	Estimate Rating:	\$11,200,000.00
☐ Identified in STIP	RTP 2025 Illustrative	Estimate Hatting.	
Project Name: PDX North	Runway Extension		
Project Name: PDX North  Map ID: 12	Runway Extension  Time Frame: 5 ye	ears <u>Total Cost:</u>	\$61,000,000.00
Map ID: 12 Project Type: Aviation		ears <u>Total Cost:</u> Year of Cost Estimate:	\$61,000,000.00 2007
Map ID: 12 Project Type: Aviation Operation Area Priority Map	Time Frame: 5 y	Year of Cost Estimate: Federal:	
Map ID: 12 Project Type: Aviation	Time Frame: 5 y	Year of Cost Estimate: Federal:	2007
Map ID: 12 Project Type: Aviation Operation Area Priority Map	Time Frame: 5 y	Year of Cost Estimate: Federal:	2007
Map ID: 12 Project Type: Aviation Operation Area Priority Map Project Description: Extend the length	Time Frame: 5 your form of the North Runway by up to 1,	Year of Cost Estimate: Federal: 328 feet. State: City: SDC:	2007
Map ID: 12 Project Type: Aviation Operation Area Priority Map Project Description: Extend the length	Time Frame: 5 you had been seen to 1, the North Runway by up to 1, tional and domestic long haul seen	Year of Cost Estimate: Federal: 328 feet. State: City: SDC:	2007
Map ID: 12 Project Type: Aviation Operation Area Priority Map Project Description: Extend the length	Time Frame: 5 you had been seen to 1, the North Runway by up to 1, tional and domestic long haul seen	Year of Cost Estimate:  Federal:  State: City: SDC: Port Share Committed: Port Share	2007
Map ID: 12 Project Type: Aviation Operation Area Priority Map Project Description: Extend the length Purpose: Preserve internal south runway is	Time Frame: 5 you had been seen to 1, the North Runway by up to 1, tional and domestic long haul seen	Year of Cost Estimate:  Federal:  State: City: SDC: Port Share Committed:	2007
Map ID: 12 Project Type: Aviation Operation Area Priority Map Project Description: Extend the length  Purpose: Preserve internal south runway is a	Time Frame: 5 years of the North Runway by up to 1, tional and domestic long haul sendosed.	Year of Cost Estimate:  Federal:  State: City: SDC: Port Share Committed: Port Share Forecasted:	2007
Map ID: 12 Project Type: Aviation Operation Area Priority Map Project Description: Extend the length  Purpose: Preserve internal south runway is a  JDE NUM: 100334  RTP Related:	Time Frame: 5 years of the North Runway by up to 1, tional and domestic long haul sendosed.	Year of Cost Estimate:  Federal:  State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	2007

Project Name: Rivergate ITS

Map ID: 13 Time Frame: **Total Cost:** \$480,000,00 5 years Year of Cost Project Type: ITS 2007 Estimate: Operation Area Priority Map 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:** Private: Recent Study: Other: Unfunded: \$480,000.00 Conditioned Project RTP 2025 Constrained Estimate Rating: 3c ☐ Identified in STIP RTP 2025 Illustrative Project Name: Widen Lombard-Purdy to Simmons Map ID: 14 Time Frame: 5 years **Total Cost:** \$3,610,000.00 Year of Cost Project Type: Road 2006 Estimate: Operation Area Priority Map Federal: Project Description: Widen North Lombard St. from 600 feet south of North State: \$3,610,000.00 Rivergate Blvd. to the Columbia Slough. Add bike lanes and sidewalks. City: SDC: Purpose: Increase multi-modal capacity to accommodate growth in surrounding development. Port Share Committed: Port Share JDE NUM: 100386 Forecasted: RTP Related: 4063 Private: Recent Study: Other: Unfunded: RTP 2025 Constrained ☐ Conditioned Project Estimate Rating: 2b ✓ Identified in STIP RTP 2025 Illustrative

Project Name: Ramsey Rail Improvements

☐ Conditioned Project

☐ Identified in STIP

Map ID: 15 Time Frame: Total Cost: \$13,900,000.00 5 years Year of Cost Project Type: Rail Estimate: 2006 Operation Area Priority Map Federal: \$4,600,000.00 Project Description: Construct up to six tracks and a second lead into/through State: \$6,800,000.00 the Ramsey Rail Yard. Project adds rail storage and staging separate from main line tracks. City: SDC: Purpose: Support trade related transportation infrastructure, policy, and services by constructing a key rail project to increase Port Share Rivergate and regional capacity, and to allow dual unit train Committed: access to Terminal 5. Port Share JDE NUM: 100606 Forecasted: RTP Related: 4082 Private: \$2,500,000,00 Recent Study: I-5 Rail Capacity Study (HDR, 2003) Other: Unfunded: ☐ Conditioned Project ✓ RTP 2025 Constrained Estimate Rating: 2b ✓ Identified in STIP ✓ RTP 2025 Illustrative Project Name: SRG Rail Yard Expansion Map ID: 16 Time Frame: Total Cost: 5 years \$9,821,000.00 Year of Cost Project Type: Rail 2007 Estimate: Operation Area Priority Map Federal: Project Description: Construct a second lead and five storage tracks in South State: Rivergate Yard City: SDC: Purpose: Increase unit train capacity to Terminal 5 and other South Rivergate facilities. Port Share Committed: Port Share JDE NUM: 100352 \$878,800.00 Forecasted: RTP Related: 4068 Private: Recent Study: Marine Terminal Master Plan 2020 (2003)

RTP 2025 Constrained

RTP 2025 Illustrative

Other: Unfunded:

Estimate Rating: 2a

\$8,942,200.00

Project Name: Portland Bulk Terminal 4th Rail Loop

Map ID:	17		Time Frame:	5 ye	ears	Total Cost:	\$7,000,000.00
Project Type:	Rail					Year of Cost Estimate:	
Operation Area	Priority Map					Federal:	
Project Description:	Design and consi Terminal's potash	truct n exp	a fourth rail loop with ort facility at Termina	in Porti	and B	State:	
						<u>City:</u>	
Purpose:	The project will in	crea	se the throughout ca	nacity h	nv.	SDC:	
			and dispatch of unit		-,	Port Share Committed:	
JDE NUM:	100956					Port Share	
RTP Related:						Forecasted: Private:	
Recent Study:						Other:	
		_				<u>Unfunded:</u>	\$7,000,000.00
	ned Project		RTP 2025 Constra	ined		Estimate Rating:	φ7,000,000.00
☐ Identifie	d in STIP		RTP 2025 Illustrat	ive		Lotimate Hating.	
Project Name:	Barnes Yard	d to	Bonneville Y	ard T	rack	<u>rage</u>	
Map ID:	18		Time Frame:	5 y	ears	Total Cost:	\$11,912,000.00
Project Type:	Rail					Year of Cost Estimate:	2003
Operation Area	Priority Map					Federal:	
Project Description:	Construct addition 16,000 linear feet	nal u t) bet	init train trackage (ap ween Bonneville and	proxima Barnes	ately s rail	State:	
	yards.	ards.				City:	
Purpose:	Address limited F	Rivero	gate staging area for	unit trai	ins	SDC:	
,	approaching or di switching bottlen	lepar ecks,	ting the marine termi , limits to terminal ac n the Columbia Corrid	nals. Re cess an	educe	Port Share Committed:	
JDE NUM:						Port Share Forecasted:	
RTP Related:	4071					Private:	
Recent Study:	I-5 Rail Capacity	Study	y (HDR, 2003)			Other:	
☐ Condition	ned Project		RTP 2025 Constra	ined		<u>Unfunded:</u>	\$11,912,000.00

Project Name: Leadbetter St. Extension/Overcrossing

Map ID: 19 Time Frame: 5 years Total Cost: \$11,323,500.00 Year of Cost Project Type: Road 2007 Estimate: Operation Area Priority Map Federal: \$6,466,193.00 Project Description: Complete Leadbetter St. loop to Marine Dr. (Pacific State: \$4,857,307.00 Gateway/Terminal 6 intersection) including a road bridge City: SDC: Purpose: Provide access to developing properties and eliminate rail/auto conflict at future intersection. Port Share Committed: Port Share JDE NUM: 500157 Forecasted: RTP Related: 4087 Private: Recent Study: Other: Unfunded: ✓ Conditioned Project RTP 2025 Constrained Estimate Rating: 2b Identified in STIP RTP 2025 Illustrative Project Name: Barnes to Terminal 4 Rail Map ID: 20 Time Frame: 5 years Total Cost: \$3,000,000.00 Year of Cost Project Type: Rail 2005 Estimate: Operation Area Priority Map Federal: Project Description: Provide a new track from Barnes Yard to Terminal 4 State: City: SDC: Purpose: Improve rail access to Terminal 4. Port Share Committed: Port Share JDE NUM: 100658 \$3,000,000.00 Forecasted: RTP Related: Private: Recent Study: Marine Terminal Master Plan 2020 (2003) Other: Unfunded: Conditioned Project RTP 2025 Constrained Estimate Rating: 25 Identified in STIP RTP 2025 Illustrative

Project Name: T-5 Unit Rail Loop #3

Map ID:	21	Time Frame:	5	years	Total Cost:	\$3,534,000.00
Project Type:	Rail				Year of Cost Estimate:	2006
Operation Area	Priority Map				Federal:	
Project Description:	Construct one ac	ditional loop track.			State:	
					City:	
Purpose:	Increase rail stor	age and rail handling capa	hilih	of existing	SDC:	
, alposol	bulk terminal.	age and rainfial billing capa	шлиу	OI CASIII	Port Share Committed:	\$3,534,000.00
JDE NUM:	100466				Port Share Forecasted:	
RTP Related:					Private:	
Recent Study:	Marine Terminal	Master Plan 2020 (2003)			Other:	
Condition	oned Project	RTP 2025 Constra	ined		<u>Unfunded:</u>	
	ed in STIP	RTP 2025 Illustrati			Estimate Rating:	2c
Project Name:	Channel De	eepening				
Map ID:	22	Time Frame:	5	years	Total Cost:	\$150,573,000.00
Project Type:	Marine				Year of Cost Estimate:	
Operation Area	Priority Map				Federal:	
Project Description:	Deepen the Columb mouth of Columb	mbia River channel to 43 to bia River and Portland/Van	feet t	oetween er Harbo	the State:	
					City:	
Purpose:	Serve panamax I	oulk vessels and post-Pan	amax	x contain	sDC:	
•	vessels.				Port Share Committed:	
JDE NUM:	700000, 700001				Port Share Forecasted:	
RTP Related:	4067				Private:	
Recent Study:					Other:	\$150,573,000.00
(1)						
	oned Project	RTP 2025 Constra	ined	L	<u>Unfunded:</u>	

Project Name: Cathedral Park Quiet Zone

Map ID:	23		Time F	rame:	5 yea	IS	Total Cost:	\$3,500,000.00
Project Type:	Rail						Year of Cost Estimate:	2007
Operation Area	Priority Map						Federal:	
Project Description:	Address rail swite rail crossings in the	ching he St	noise by in . Johns Ca	nproving m thedral Par	nultiple p k area.	ublic	State:	
							City:	
Purpose:	To allow auto imp	nort o	nerations t	o continue	In arow	io N	SDC:	
. a.poss.	Portland and imp						Port Share Committed:	
JDE NUM:	100831						Port Share	
RTP Related:							Forecasted: Private:	
Recent Study:							Other:	
	and Barbart		DTD 0000				Unfunded:	\$3,500,000.00
	oned Project			Constrai		Es	stimate Rating:	
	d in STIP	ш	RTP 2025	illustratn	ve		_	
Project Name:	Berth 503 D	<u>Doc</u>	k Rehal	bilitatio	<u>n</u>			
Map ID:	24		Time F	rame:	5 yea	rs	Total Cost:	\$4,700,000.00
Project Type:	Marine						Year of Cost Estimate:	
Operation Area	Priority Map						Federal:	
Project Description:	Repair the priority advanced corros	y con	nponents o	Berth 503	to addre	ess h	State:	
	support the dock						City:	
Purnose:	Make significant	and r	nococcan l	ifo ovtondir	na ranair	0.10	SDC:	
i dipose.	Berth 503 to keep years.						Port Share Committed:	
JDE NUM:	100829						Port Share	
RTP Related:							Forecasted: Private:	
Recent Study:							Other:	
_			RTP 2025	5 Constral	ned			\$4,700,000.00
☐ Condition				5 Constrat		<u>Es</u>	Other:	\$4,700,000.00

Project Name: Kenton Rail Line Upgrade

Map ID:	25	Time	Frame:	10	years	Total Cost:	\$25,382,000.00
Project Type:	Rail					Year of Cost Estimate:	2003
Operation Area	Priority Map					Federal:	
Project Description:	double track from	Peninsula Ju	nction to 1-2	205 an	d increa	se State:	
	track speeds beto to Reynolds on U with ODOT.					City:	
Purpose:	Expand rail capac	city and reduc	e delays for	r great	er	SDC:	
	efficiency.					Port Share Committed:	
JDE NUM:						Port Share	
RTP Related:	4070					<u>Forecasted:</u> <u>Private:</u>	
Recent Study:	I-5 Rail Capacity	Study (HDR, 2	2003)			Other:	
Condition	oned Project	☐ RTP 202	25 Constra	ained		Unfunded:	\$25,382,000.00
☐ Identifie	d in STIP	✓ RTP 202	25 Illustrat	live		Estimate Rating:	
FIUICUL Name.	Terrinoai 4 I	Pinelline II	miasimi				
Project Name:		Pipeline II	masiru	Cluit	<u>∠</u>		
Map ID:			Frame:		<u>∠</u> years	Total Cost:	\$5,600,000.00
Map ID: Project Type:	26 Marine					Total Cost: Year of Cost Estimate:	\$5,600,000.00 2007
Map ID: Project Type: Operation Area	26 Marine Priority Map	Time	Frame:	5	years	Year of Cost	
Map ID: Project Type:	26 Marine Priority Map	Time	Frame:	5	years	Year of Cost Estimate:	
Map ID: Project Type: Operation Area	26 Marine Priority Map	Time	Frame:	5	years	Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area Project Description:	26 Marine Priority Map Design and build	Time a new commo	Frame:	5 eline s	years ystem.	Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	26 Marine Priority Map	Time a new commo	Frame:	5 eline s	years ystem.	Year of Cost Estimate: Federal: State: City: SDC: Port Share	
Map ID: Project Type: Operation Area Project Description:	26 Marine Priority Map Design and build Develop a new pi	Time a new commo	Frame:	5 eline s	years ystem.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed:	
Map ID: Project Type: Operation Area Project Description:	26 Marine Priority Map Design and build  Develop a new pi potential liquid bu	Time a new commo	Frame:	5 eline s	years ystem.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose:	26 Marine Priority Map Design and build  Oevelop a new pi	Time a new commo	Frame:	5 eline s	years ystem.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	26 Marine Priority Map Design and build  Oevelop a new pi potential liquid bu	Time a new commo	Frame:	5 eline s	years ystem.	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 Marine Priority Map Design and build  Develop a new pi potential liquid bu	Time a new commo	Frame: on user pipe to to serve or Berth 401	eline s as ma	years ystem.	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 Marine Priority Map Design and build  Oevelop a new pi potential liquid bu	Time a new commo	Frame:	eline s e as ma l.	years ystem.	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	\$5,600,000.00

Project Name: <u>Terminal 6 Container Crane #6381 Purchase</u>

Map ID: 27	Time Frame:	5 years	Total Cost:	\$10,900,000.00
Project Type: Marine	·		Year of Cost Estimate:	
Operation Area Priority	/ Мар		<u>Federal:</u>	
post-p	ase a post-panamax crane to bring the sanamax cranes at Terminal 6 to four.	ne number of . Scheduled fo	Ctoto	
deliver	y in 2008		<u>City:</u>	
Purpose: Facilità	ate efficient handling of larger contain	ner ships.	SDC:	
, <b>,</b>			Port Share Committed:	
JDE NUM: 10036	4, 100841		Port Share Forecasted:	
RTP Related:			Private:	
Recent Study:			Other:	
☐ Conditioned P	roject RTP 2025 Constra	ined	<u>Unfunded:</u>	\$10,900,000.00
☐ Identified in S			Estimate Rating:	
Project Name: Tern	ninal 6 Optical Characte	r Recogn	<u>iition</u>	
Project Name: Tern Map ID: 28	ninal 6 Optical Characte Time Frame:	r Recogn	Total Cost:	\$2,700,000.00
Map ID: 28 Project Type: ITS	Time Frame:			\$2,700,000.00
Map ID: 28 Project Type: ITS Operation Area Priority	Time Frame:	5 years	Total Cost: Year of Cost Estimate:	\$2,700,000.00
Map ID: 28 Project Type: ITS Operation Area Priority	Time Frame: y Map Optical Character Recognition softw	5 years	Total Cost: Year of Cost	\$2,700,000.00
Map ID: 28 Project Type: ITS Operation Area Priority Project Description: Install	Time Frame: y Map Optical Character Recognition softw	5 years	Total Cost: Year of Cost Estimate: Federal:	\$2,700,000.00
Map ID: 28 Project Type: ITS Operation Area Priority Project Description: Install hardw	Time Frame: y Map Optical Character Recognition software.	5 years	Total Cost: Year of Cost Estimate: Federal: State:	\$2,700,000.00
Map ID: 28 Project Type: ITS Operation Area Priority Project Description: Install hardw	Time Frame: y Map Optical Character Recognition softw	5 years	Total Cost: Year of Cost Estimate: Federal: State: City:	\$2,700,000.00
Map ID: 28 Project Type: ITS Operation Area Priority Project Description: Install hardw	Time Frame:  y Map  Optical Character Recognition software.  nate data capture at the truck gates.	5 years	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	\$2,700,000.00
Map ID: 28 Project Type: ITS Operation Area Priority Project Description: Install hardw Purpose: Autom	Time Frame:  y Map  Optical Character Recognition software.  nate data capture at the truck gates.	5 years	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed:	\$2,700,000.00
Map ID: 28 Project Type: ITS Operation Area Priority Project Description: Install hardw Purpose: Autom JDE NUM: 10084	Time Frame:  y Map  Optical Character Recognition software.  nate data capture at the truck gates.	5 years	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	\$2,700,000.00
Map ID: 28 Project Type: ITS Operation Area Priority Project Description: Install hardw Purpose: Autom JDE NUM: 10084 RTP Related:	Time Frame:  y Map  Optical Character Recognition software.  nate data capture at the truck gates.  0, 100532	5 years	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	\$2,700,000.00 \$2,700,000.00

Project Name: Terminal 6 Wireless Network and Mobile Data Units

Map ID:	29	Time Frame:	5 years	Total Cost:	\$300,000.00
Project Type:	ITS			Year of Cost Estimate:	
Operation Area	Priority Map			Federal:	
Project Description:	and provide new	mobile data units (MDUs)		States	
	over that network	ζ.		<u>City:</u>	
Purpose	Improve operation	onal efficiencies at Termina	16	SDC:	
1 2.1	mpiovo opoiduo			Port Share Committed:	
JDE NUM:	500156			Port Share	
RTP Related	:			Forecasted:	
Recent Study	:			Private:	
,				Other:	
☐ Conditi	oned Project	RTP 2025 Constra	ined	<u>Unfunded:</u>	\$300,000.00
Identifie	ed in STIP	RTP 2025 Illustrati	ive	Estimate Rating:	
			D1	-	
Project Name:	T-6 Berth D	<u>Deepening and So</u>	our Prot	<u>ection</u>	
Project Name:		Deepening and So Time Frame:	5 years	Total Cost:	\$3,400,000.00
Map ID Project Type:	: 30 Marine				\$3,400,000.00
Map ID Project Type: Operation Area	: 30 Marine Priority Map	Time Frame:	5 years	<u>Total Cost:</u> <u>Year of Cost</u>	\$3,400,000.00
Map ID Project Type:	: 30 Marine Priority Map	Time Frame: protection and deepen Te	5 years	Total Cost: Year of Cost Estimate:	\$3,400,000.00
Map ID Project Type: Operation Area	: 30  Marine  Priority Map  Construct scour	Time Frame: protection and deepen Te	5 years	Total Cost: Year of Cost Estimate: Federal:	\$3,400,000.00
Map ID Project Type: Operation Area Project Description	: 30  Marine  Priority Map  Construct scour container berths.	Time Frame:  protection and deepen Tea	5 years rminal 6	Total Cost: Year of Cost Estimate: Federal: State:	\$3,400,000.00
Map ID Project Type: Operation Area Project Description	: 30  Marine  Priority Map  Construct scour container berths.	Time Frame: protection and deepen Te	5 years rminal 6	Total Cost: Year of Cost Estimate: Federal: State: City:	\$3,400,000.00
Map ID Project Type: Operation Area Project Description	: 30  Marine  Priority Map  Construct scour container berths.	Time Frame:  protection and deepen Tea	5 years rminal 6	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share	\$3,400,000.00
Map ID Project Type: Operation Area Project Description Purpose	: 30  Marine  Priority Map  Construct scour container berths.  Permit better utili	Time Frame:  protection and deepen Tea	5 years rminal 6	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	\$3,400,000.00
Map ID Project Type: Operation Area Project Description Purpose	Marine Priority Map Construct scour container berths. Permit better utili	Time Frame:  protection and deepen Tea	5 years rminal 6	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	\$3,400,000.00
Map ID Project Type: Operation Area Project Description  Purpose  JDE NUM RTP Related Recent Study	Marine Priority Map Construct scour container berths. Permit better utili	Time Frame:  protection and deepen Tea	5 years rminal 6	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	\$3,400,000.00 \$3,400,000.00

Project Name: Marine Access Control and Surveillance

Map ID:	31	Time Frame:	5 years	Total Cost:	\$3,400,000.00
, , , , , , , , , , , , , , , ,	ITS			Year of Cost Estimate:	
Operation Area	Priority Map			Federal:	
Project Description:	Install new securi	ity gate systems at at Tern	ninals 4 and 6	State:	
				<u>City:</u>	
Purnose:	Strengthen acces	ss gate and perimeter sec	urily at	SDC:	
	Terminals 4 and		uniy ut	Port Share Committed:	
JDE NUM:	100344			Port Share	
RTP Related:				<u>Forecasted:</u> <u>Private:</u>	
Recent Study:				Other:	
Condition	ned Project	RTP 2025 Constra	ined	<u>Unfunded:</u>	\$3,400,000.00
	d in STIP	RTP 2025 Illustrati		Estimate Rating:	
Project Name:	T-6 Crane F	Rail Improvement	s and Tie	Backs	
Map ID:	32	Time Frame:	5 years	<b>Total Cost:</b>	\$4,600,000.00
Project Type:	Marine			Year of Cost Estimate:	
Operation Area	Priority Map			Federal:	
Project Description:	and Berth 605, a	onal crane rail tie-backs to nd add 100 feet of crane r			
	west.			City:	
Purpose:	Improve the strer	ngth of the dock and provi	de crane rail	SDC:	
		ndle two post-panamax ve		Port Share Committed:	
JDE NUM:	100241			Port Share	
RTP Related:				Forecasted:	
Recent Study:				Private:	
necent Study.				<u>Private:</u> Other:	
		RTP 2025 Constra	ined	<u>Private:</u> <u>Other:</u> <u>Unfunded:</u>	\$4,600,000.00
☐ Condition		RTP 2025 Constra		Other:	\$4,600,000.00

Project Name: Terminal 6 Container Dock Extension

Map ID:	33	Time Frame:	5 years	Total Cost:	\$19,500,000.00
Project Type:	Marine			Year of Cost Estimate:	
Operation Area	Priority Map			Federal:	
Project Description:	Extend Berth 605	supstream by 600 feet or r	nore.	State:	
				City:	
Duwasas				SDC:	
Purpose.		th to preserve Terminal 6 of handling longer vessels.	as a three-b	Port Share Committed:	
JDE NUM:	100359			Port Share Forecasted:	
RTP Related:				Private:	
Recent Study:				Other:	
☐ Condition	oned Project	RTP 2025 Constra	ined	<u>Unfunded:</u>	\$19,500,000.00
_	ed in STIP	RTP 2025 Illustrati	ve	Estimate Rating:	
Project Name:	Terminal 6	Additional Post-P	anamay	Crange	
rojoot riamor	Teminal D.	Additional 1 03(-1	anamax	Cranes	
Map ID:		Time Frame:	5 years	Total Cost:	\$20,000,000.00
Map ID: Project Type:					\$20,000,000.00
Map ID: Project Type: Operation Area	34 Marine Priority Map	Time Frame:	5 years	Total Cost: Year of Cost	\$20,000,000.00
Map ID: Project Type:	34 Marine Priority Map	Time Frame:	5 years	Total Cost: Year of Cost Estimate:	\$20,000,000.00
Map ID: Project Type: Operation Area	34 Marine Priority Map Acquire two post	Time Frame:	5 years	Total Cost: Year of Cost Estimate: Federal:	\$20,000,000.00
Map ID: Project Type: Operation Area Project Description:	34 Marine Priority Map Acquire two post #6381.	Time Frame:	5 years	Total Cost: Year of Cost Estimate: Federal: State:	\$20,000,000.00
Map ID: Project Type: Operation Area Project Description:	34 Marine Priority Map Acquire two post #6381.	Time Frame: -panamax cranes in additi	5 years	Total Cost: Year of Cost Estimate: Federal: State: City:	\$20,000,000.00
Map ID: Project Type: Operation Area Project Description:	34 Marine Priority Map Acquire two post #6381.  Provide a two-be Terminal 6.	Time Frame: -panamax cranes in additi	5 years	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	\$20,000,000.00
Map ID: Project Type: Operation Area Project Description: Purpose:	34 Marine Priority Map Acquire two posts #6381.  Provide a two-be Terminal 6.	Time Frame: -panamax cranes in additi	5 years	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed:	\$20,000,000.00
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	34 Marine Priority Map Acquire two post #6381.  Provide a two-be Terminal 6.	Time Frame: -panamax cranes in additi	5 years	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	\$20,000,000.00
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	34 Marine Priority Map Acquire two post #6381.  Provide a two-be Terminal 6.	Time Frame: -panamax cranes in additi	5 years on to Crane capability at	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	\$20,000,000.00

Project Name: Terminal 6 Auto Facility Upgrades

Map ID:	30	Time Frame	e: 5 years	Total Cost:	\$10,200,000.00
Project Type:	Marine			Year of Cost Estimate:	
Operation Area	Priority Map			Federal:	
Project Description:	Modify Berth 607 crossing feasiblity	dock, expand the rail at Terminal 6.	ramp, study rail	State:	
				City:	
Purpose:	Increase operation	g efficiencies at the H	londa facility.	SDC:	
,		<b>3</b>	,	Port Share Committed:	
JDE NUM:	100304, 100323			Port Share	
RTP Related:				Forecasted: Private:	
Recent Study:				Other:	
				Unfunded:	\$10,000,000,00
☐ Condition	oned Project	RTP 2025 Con	strained		\$10,200,000.00
☐ Identifie	d in STIP	RTP 2025 Illus	trative	Estimate Rating:	
Project Name:		Automobile Ya	ırd Expansi	<u>on</u>	
Map ID:	36	Time Fram	e: 5 years	Total Cost:	\$2,500,000.00
Project Type:	Marine				
Oneveties Avec				Year of Cost Estimate:	
Operation Area	Priority Map				
Operation Area Project Description:	Priority Map  Design and cons	rruct six acres of pord orage of imported aut	ous pavement comobiles.	Estimate:	
•	Priority Map  Design and cons	truct six acres of poro orage of imported aut	ous pavement comobiles.	Estimate: Federal:	
Project Description:	Priority Map  Design and cons parking for the st	orage of imported aut	omobiles.	Estimate: Federal: State:	
Project Description:	Priority Map  Design and cons parking for the statement of the statement of the project will pro	orage of imported aut rovide additional land needs of Toyota, sup	omobiles.  to meet auto	Estimate: Federal: State: City: SDC:	
Project Description:	Priority Map  Design and cons parking for the statement of the statement o	orage of imported aut rovide additional land needs of Toyota, sup	omobiles.  to meet auto	Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Project Description: Purpose:	Priority Map  Design and cons parking for the statement of the statement o	orage of imported aut rovide additional land needs of Toyota, sup	omobiles.  to meet auto	Estimate: Federal: State: City: SDC: Port Share Committed:	
Project Description: Purpose: JDE NUM:	Priority Map  Design and consparking for the statement of	orage of imported aut rovide additional land needs of Toyota, sup	omobiles.  to meet auto	Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	
Project Description: Purpose:  JDE NUM: RTP Related: Recent Study:	Priority Map  Design and consparking for the statement of	orage of imported aut rovide additional land needs of Toyota, sup	to meet auto porting the Port's	Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	\$2,500,000.00

Project Name: Terminal 6 Yard Equipment

Map ID:	37	Ti	me Frame:	5	years	Total Cost:	\$1,750,000.00
, , , , , , , , , , , , , , , ,	Marine					Year of Cost Estimate:	
Operation Area	Priority Map					Federal:	
Project Description:	Purchase eight (8 reachstackers.	3) contair	ner chassis and	three	(3)	State:	
						City:	
Purpose:	The newer contain	ner chas	sis allow for a c	lecreas	se in ves	SDC:	
,	turn-around time. hours between do	The new	v reachstackers	will inc		Port Share Committed:	
JDE NUM:	100944, 100529					Port Share	•
RTP Related:						Forecasted: Private:	•
Recent Study:						Other:	
Condition	ned Project	Пят	P 2025 Const	rained		<u>Unfunded</u>	\$1,750,000.00
	d in STIP	_	P 2025 Illustra			Estimate Rating	1
Project Name:	Terminal 6	Conta	iner Crane	Mo	<u>derni</u>	zation	
Project Name:			iner Crane		derni years	zation Total Cost	\$4,000,000.00
						<u>Total Cost</u> <u>Year of Cost</u>	
Map ID:	38					Total Cost Year of Cost Estimate	
Map ID: Project Type: Operation Area	38 Marine Priority Map On Crane 6379, u	<b>T</b> i	ime Frame:	5 provid	years de new	Total Cost Year of Cost Estimate Federal:	
Map ID: Project Type:	38 Marine Priority Map On Crane 6379, u programmable lo Crane 6378 (heav	Ti upgrade ogic conti vy lift cra	ime Frame: electronics and rollers for the m ne) upgrade the	5 provid otor dr e electr	years de new rives. Or ronics,	Total Cost  Year of Cost  Estimate  Federal:  State:	
Map ID: Project Type: Operation Area	38 Marine Priority Map On Crane 6379, uprogrammable lo	Ti upgrade ogic contr vy lift cra or drive.	ime Frame: electronics and rollers for the m ne) upgrade the	5 provid otor dr e electr	years de new rives. Or ronics,	Total Cost Year of Cost Estimate Federal: State:	
Map ID: Project Type: Operation Area Project Description:	38 Marine Priority Map On Crane 6379, uprogrammable lo Crane 6378 (heavy provide new moto the trolley girder to this project will recontainer cranes, containerized car	Ti upgrade ogic contr vy lift cra or drive. i beam. noderniz, i mprovirgo betw	electronics and rollers for the mane) upgrade the Relocate in the esome of the Fing efficiencies in een four modes	provide oter dree electrine-up	years  de new ives. Or ronics, o and pa	Total Cost Year of Cost Estimate Federal: State: aint SDC:	
Map ID: Project Type: Operation Area Project Description: Purpose:	38 Marine Priority Map On Crane 6379, L programmable lo Crane 6378 (heav provide new mote the trolley girder to This project will re container cranes, containerized car ocean vessel, rail	Ti upgrade ogic contr vy lift cra or drive. i beam. noderniz, i mprovirgo betw	electronics and rollers for the mane) upgrade the Relocate in the esome of the Fing efficiencies in een four modes	provide oter dree electrine-up	years  de new ives. Or ronics, o and pa	Total Cost Year of Cost Estimate Federal: State: aint City: SDC: of Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	38 Marine Priority Map On Crane 6379, uprogrammable lo Crane 6378 (heavy provide new moto the trolley girder to this project will recontainer cranes, containerized car	Ti upgrade ogic contr vy lift cra or drive. i beam. noderniz, i mprovirgo betw	electronics and rollers for the mane) upgrade the Relocate in the esome of the Fing efficiencies in een four modes	provide oter dree electrine-up	years  de new ives. Or ronics, o and pa	Total Cost Year of Cost Estimate Federal: State: SDC: Of Port Share Committed: Port Share Forecasted:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	38 Marine Priority Map On Crane 6379, L programmable lo Crane 6378 (heav provide new mote the trolley girder to This project will re container cranes, containerized car ocean vessel, rail	Ti upgrade ogic contr vy lift cra or drive. i beam. noderniz, i mprovirgo betw	electronics and rollers for the mane) upgrade the Relocate in the esome of the Fing efficiencies in een four modes	provide oter dree electrine-up	years de new ives. Or ronics, o and pa	Total Cost Year of Cost Estimate Federal: State: Sint Of Port Share Committed: Port Share Forecasted: Private:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	38 Marine Priority Map On Crane 6379, L programmable lo Crane 6378 (heav provide new mote the trolley girder to This project will re container cranes, containerized car ocean vessel, rail	Ti upgrade ogic contr vy lift cra or drive. i beam. noderniz, i mprovirgo betw	electronics and rollers for the mane) upgrade the Relocate in the esome of the Fing efficiencies in een four modes	provide oter dree electrine-up	years de new ives. Or ronics, o and pa	Total Cost Year of Cost Estimate Federal: State: SDC: Of Port Share Committed: Port Share Forecasted: Private: Other:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	38 Marine Priority Map On Crane 6379, L programmable lo Crane 6378 (heav provide new mote the trolley girder to This project will re container cranes, containerized car ocean vessel, rail	upgrade gic contr vy lift cra or drive. beam. noderniz, improvi rgo betw I, truck, a	electronics and rollers for the mane) upgrade the Relocate in the esome of the Fing efficiencies in een four modes	provide oter dree electrine-up	years de new vives. Or ronics, o and pa dder ransfer on	Total Cost Year of Cost Estimate Federal: State: Sint Of Port Share Committed: Port Share Forecasted: Private:	\$4,000,000.00

Project Name: Terminal 4 Barge Facility Relocation

Map ID:	39	Time Frame:	5 years	Total Cost:	\$8,000,000.00
Project Type:	Marine			Year of Cost Estimate:	
Operation Area	Priority Map			Federal:	
Project Description:	Terminal 4 grain fa barge facility, will p disposal facility as	acility. Slip 1, the location potentially be used as a cospart of the Terminal 4 Ea	of the existin onfined	State:	
Purpose:	exported from the delivered to the ex	to 50 percent of all wheat Columbia\Willamette Rive cont terminal by barge. To pregon grain growers.	er system is	SDC: Port Share Committed:	
JDE NUM:	100472			Port Share Forecasted:	
RTP Related:				Private:	
Recent Study:				Other:	
Condition	oned Project	RTP 2025 Constrai	inod	<u>Unfunded:</u>	\$8,000,000.00
	ed in STIP	RTP 2025 Illustration		Estimate Rating:	
Project Name:	Dorth Donn	oning Portha 101	I 501 a	nd 502	
Project Name:	рени реери	ening. Denns 401	1, 50 1, ai	<u>110 303</u>	
Map ID:		Time Frame:	5 years	Total Cost:	\$1,600,000.00
Map ID: Project Type:	40 Marine				\$1,600,000.00
Map ID: Project Type: Operation Area	40 Marine Priority Map	Time Frame:	5 years	Total Cost: Year of Cost Estimate: Federal:	\$1,600,000.00
Map ID: Project Type:	40 Marine Priority Map Deepen berths at	Time Frame:	5 years w deeper dra	Total Cost: Year of Cost Estimate: Federal:	\$1,600,000.00
Map ID: Project Type: Operation Area	40 Marine Priority Map Deepen berths at	Time Frame: Terminals 4 and 5 to allow	5 years w deeper dra	Total Cost: Year of Cost Estimate: Federal:	\$1,600,000.00
Map ID: Project Type: Operation Area Project Description:	Marine Priority Map Deepen berths at vessels to transit to	Time Frame: Terminals 4 and 5 to allow the planned 43 foot channed 44 foot cha	5 years w deeper dra nel.	Total Cost: Year of Cost Estimate: Federal:  State:	\$1,600,000.00
Map ID: Project Type: Operation Area Project Description:	Marine Priority Map Deepen berths at vessels to transit to	Time Frame: Terminals 4 and 5 to allow	5 years w deeper dra nel.	Total Cost: Year of Cost Estimate: Federal: State: City:	\$1,600,000.00
Map ID: Project Type: Operation Area Project Description:	Marine Priority Map Deepen berths at vessels to transit to the second sec	Time Frame: Terminals 4 and 5 to allow the planned 43 foot channed 44 foot cha	5 years w deeper dra nel.	Total Cost: Year of Cost Estimate: Federal:  State: City: SDC: Port Share Committed: Port Share	\$1,600,000.00
Map ID: Project Type: Operation Area Project Description: Purpose:	40 Marine Priority Map Deepen berths at vessels to transit to the control of the	Time Frame: Terminals 4 and 5 to allow the planned 43 foot channed 44 foot cha	5 years w deeper dra nel.	Total Cost: Year of Cost Estimate: Federal:  State: City: SDC: Port Share Committed:	\$1,600,000.00
Map ID: Project Type: Operation Area Project Description: Purpose:	Marine Priority Map Deepen berths at vessels to transit to the contract of the	Time Frame: Terminals 4 and 5 to allow the planned 43 foot channed 44 foot cha	5 years w deeper dra nel.	Total Cost: Year of Cost Estimate: Federal:  State: City: SDC: Port Share Committed: Port Share Forecasted:	\$1,600,000.00
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Marine Priority Map Deepen berths at vessels to transit to transit to the transit	Time Frame: Terminals 4 and 5 to allow the planned 43 foot channed 44 foot cha	5 years w deeper dra nel.	Total Cost: Year of Cost Estimate: Federal:  State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	\$1,600,000.00 \$1,600,000.00
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Marine Priority Map Deepen berths at vessels to transit to the contract of the	Time Frame: Terminals 4 and 5 to allow the planned 43 foot channal tion of panamax-class but	5 years  v deeper dra  nel.  lik vessels.	Total Cost: Year of Cost Estimate: Federal:  State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	

Project Name: TTD Relocation of Taxiway B Phase 1 & 2

Map ID:	41	Time Frame:	5 ye	ears	Total Cost:	\$2,200,000.00
Project Type:	Aviation				Year of Cost Estimate:	
Operation Area	Priority Map				Federal:	
Project Description:	Relocate Taxiway 8	B 50 feet to the south.			State:	
					City:	
Burnoco	Openhalist and F	70 A		h . h	SDC:	
rui pose.		FAA requirements for dista ays. Reduce FAA restricti e runway.			Port Share Committed:	
JDE NUM:	100282 100281				Port Share	
RTP Related:					Forecasted: Private:	
Recent Study:					Other:	
					Unfunded:	\$2,200,000.00
	oned Project [	☐ RTP 2025 Constrai		Es	timate Rating:	02,200,000.00
Identifie	ed in STIP [	RTP 2025 Illustration	ve		imate nating.	
Project Name:	Condial De-	d Improvement				
rojest Name.	Sundial Roa	<u>a improvement</u>				
Map ID:		Time Frame:	5 y	ears	Total Cost:	\$772,600.00
Map ID: Project Type:	<b>42</b> Road		5 y	ears	Total Cost: Year of Cost Estimate:	\$772,600.00 2007
Map ID: Project Type: Operation Area	42 Road Priority Map	Time Frame:			Year of Cost	
Map ID: Project Type:	42 Road Priority Map Improve the roadw	Time Frame:	Orive to	the	Year of Cost Estimate:	
Map ID: Project Type: Operation Area	42 Road Priority Map Improve the roadw	Time Frame:	Orive to	the	Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area Project Description:	42 Road Priority Map Improve the roadworth access of the	Time Frame:  vay section from Marine Ce Troutdate Reynolds Inde	Orive to ustrial (	the Park,	Year of Cost Estimate: Federal: State:	
Map ID: Project Type: Operation Area Project Description:	42 Road Priority Map Improve the roadworth access of the	Time Frame:	Orive to ustrial (	the Park,	Year of Cost Estimate: Federal: State: City:	
Map ID: Project Type: Operation Area Project Description:	42 Road Priority Map Improve the roadworth access of the Accommodate Troother traffic.	Time Frame:  vay section from Marine Ce Troutdate Reynolds Inde	Orive to ustrial (	the Park,	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose:	42 Road Priority Map Improve the roadwrorth access of the Accommodate Troother traffic.	Time Frame:  vay section from Marine Ce Troutdate Reynolds Inde	Orive to ustrial (	the Park,	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:	42 Road Priority Map Improve the roadwrorth access of the Accommodate Troother traffic.	Time Frame:  vay section from Marine Ce Troutdate Reynolds Inde	Orive to ustrial (	the Park,	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:	Accommodate Troother traffic.	Time Frame:  vay section from Marine C e Troutdale Reynolds Industria	Orive to ustrial I	the Park,	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:	42 Road Priority Map Improve the roadwrorth access of the Accommodate Troother traffic.	Time Frame:  vay section from Marine Ce Troutdate Reynolds Inde	Drive to ustrial i al Park	the Park, and	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2007 \$772,600.00

Project Name: 223rd Avenue Widening

Map ID:	43	Time	Frame:	5 years	Total Cost:	\$3,667,000.00
Project Type:	Road				Year of Cost Estimate:	
Operation Area	Priority Map				Federal:	
Project Description:	Widen to three lan	es between H	lalsey St and	d Marine Driv		
					City:	
					SDC:	
Purpose:	Upgrade the facili standards.	ty to major co	llector urbar	n street	Port Share Committed:	
JDE NUM:					Port Share Forecasted:	
RTP Related:					Private:	
Recent Study:					Other:	
☐ Condition	oned Project	☐ RTP 202	25 Constrai	ned	<u>Unfunded:</u>	\$3,667,000.00
	d in STIP	☐ RTP 202	25 Illustrati	ve	Estimate Rating:	N/A
Project Name:		hange at	I-84 Im	proveme	<u>ent</u>	
Map ID:	44	Time	Frame:	10 years	Total Cost:	\$9,400,000.00
Project Type:	Road				Year of Cost Estimate:	2006
Operation Area	Priority Map				Federal:	\$1,000,000.00
Project Description:	Improve function	of split diamo	nd interchar	ige at 25/th.	State:	\$100,000.00
					City:	\$100,000.00
Purpose			بطلاكم طليبمما			
	improve access i	rom north and	South of the	e interchange	e to SDC:	
	I-84.	rom north and	i south of the	e interchang	Port Share Committed:	
JDE NUM	I-84.	rom north and	South of the	e interchang	Port Share	
RTP Related:	1-84.	rom north and	south of the	e interchang	Port Share Committed: Port Share	
	1-84.	rom north and	south of the	e interchang	Port Share Committed: Port Share Forecasted:	
RTP Related:	1-84.		25 Constra		Port Share Committed: Port Share Forecasted: Private:	\$8,200,000.00

Project Name: 238th Avenue Extension

Map ID:	45	Time Frame:	10	years	Total Cost:	\$14,500,000.00
Project Type:	Road				Year of Cost Estimate:	
Operation Area	Priority Map				Federal:	
Project Description:		nnector between Sandy	Blvd.	and Marine		
	Drive.				City:	
					SDC:	
Purpose:	To improve accessinterstate.	ss from developing indu	strial a	reas to the	Port Share	
					Committed:	
JDE NUM:					Port Share Forecasted:	
RTP Related:					Private:	
Recent Study:					Other:	
Condition	oned Project	RTP 2025 Const	rained	ı	Unfunded:	\$14,500,000.00
F	d in STIP	RTP 2025 Illustra	ative	<u>E</u> :	stimate Rating:	N/A
Project Name:	Freight Dat	a Repository				
Map ID:	46	Time Frame:	5	years	Total Cost:	
Project Type:	ITS				Year of Cost	
Operation Area	Priority Map				Estimate:	
roject Description: Create a repository of regional freight data (primarily truck					Estimate: Federal:	
Project Description.	Create a reposito	ory of regional freight da	la (prin	narily truck	Federal:	
Project Description.	Create a reposito data), including for project.	ory of regional freight da rom the region's Freight	ta (prin Data (	narily truck Collection		
	data), including fi project.	rom the region's Freight	Data (	Collection	Federal: State: City: SDC:	
	data), including fi project.  Collect truck coutool that standard	rom the region's Freight nts from jurisdictions in dizes reported data and	Data (	Collection gion using a	Federal: State: City: SDC: Port Share	
	data), including for project.  Collect truck cour	rom the region's Freight nts from jurisdictions in dizes reported data and	Data (	Collection gion using a	Federal: State: City: SDC: Port Share Committed:	
	data), including fi project.  Collect truck cou tool that standard for use by others	rom the region's Freight nts from jurisdictions in dizes reported data and	Data (	Collection gion using a	Federal: State: City: SDC: Port Share Committed: Port Share	
Purpose:	data), including fi project.  Collect truck cou tool that standard for use by others	rom the region's Freight nts from jurisdictions in dizes reported data and	Data (	Collection gion using a	Federal: State: City: SDC: Port Share Committed:	
Purpose: JDE NUM:	data), including fi project.  Collect truck cou tool that standard for use by others	rom the region's Freight nts from jurisdictions in dizes reported data and	Data (	Collection gion using a	Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	
Purpose:  JDE NUM:  RTP Related:  Recent Study:	data), including fi project.  Collect truck cou tool that standard for use by others	rom the region's Freight nts from jurisdictions in dizes reported data and	Data (	Collection gion using a s it available	Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	

Project Name: Terminal 2 Rail Improvement

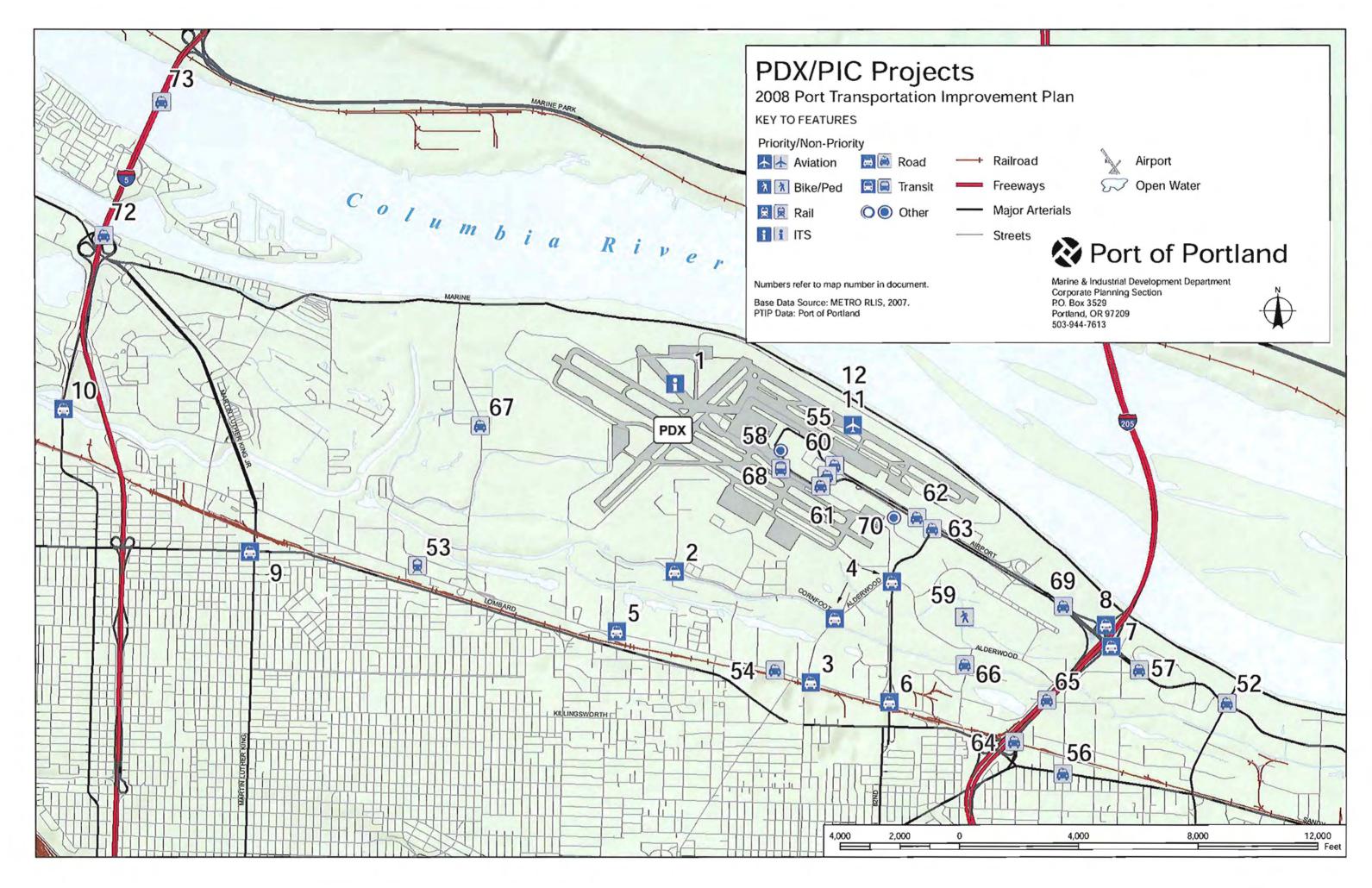
Map ID:	47	Time Frame:	5 years	Total Cost:	\$1,535,000.00
Project Type:	Rail			Year of Cost Estimate:	2007
Operation Area	Priority Map			Federal:	
Project Description:	and connect it with	the outer loop (Track 15)	). A third tra	State:	
	may also be consti	ructed and a rail scaling s	station adde	City:	
Purpose:	Increase rail canad	city and operating efficien	cies at Tern	SDC:	
, a post	2.	only and operating chickers	olos at Tem	Port Share Committed:	
JDE NUM:				Port Share Forecasted:	
RTP Related:				Private:	
Recent Study:				Other:	
☐ Condition	oned Project	RTP 2025 Constrai	ned	Unfunded:	\$1,535,000.00
	ed in STIP	RTP 2025 Illustrativ		Estimate Rating:	Вс
Project Name:	PSU ITS Exp	<u>pansion</u>			
Map ID:	48	Time Frame:	5 years	Total Cost:	
Project Type:	ITS			Year of Cost Estimate:	
Operation Area	Priority Map			Federal:	
Project Description:		sting web based ITS "cou he freeway to some key a		State:	
	throughout the reg	gion.		City:	
Purpose:	To secure truck flo	ow and congestion data.		SDC:	
,,		www.		Port Share Committed:	
JDE NUM:				Port Share	
RTP Related:				Forecasted: Private:	
Recent Study:	1			Other:	
Condition	oned Project	RTP 2025 Constrai	ined	<u>Unfunded:</u>	
_	ed in STIP	RTP 2025 Illustrati		Estimate Rating:	V/A

Project Name: HIO High Speed Exits

Map ID:	49	Time Frame:	5 yea	rs	Total Cost:	\$2,430,000.00
	Aviation				Year of Cost Estimate:	
Operation Area	Priority Map				Federal:	
Project Description:	Construct high spe	eed exits on the airport's l	longest r	unway.	State:	
					City:	
Purnose:	Relieve a portion o	of the over capacity of the	airnort	evetem	SDC:	
1 41 6000.		y is constructed in 2010 a			Port Share Committed:	
JDE NUM:	100464				Port Share	
RTP Related:					Forecasted: Private:	
Recent Study:					Other:	
					Unfunded:	\$2,430,000.00
	oned Project	RTP 2025 Constrai		Esi	imate Rating:	421,000,000
☐ Identifie	d in STIP	RTP 2025 Illustrati	ve			
Project Name:	HIO Taxiway	y A3 Extension				
Project Name:		y A3 Extension  Time Frame:	5 yea	ars	Total Cost:	\$2,200,000.00
Map ID: Project Type:	50 Aviation		5 yea	ars	Total Cost: Year of Cost Estimate:	\$2,200,000.00
Map ID: Project Type: Operation Area	50 Aviation Priority Map	Time Frame:			Year of Cost	\$2,200,000.00
Map ID: Project Type:	50 Aviation Priority Map	Time Frame:			Year of Cost Estimate:	\$2,200,000.00
Map ID: Project Type: Operation Area	50 Aviation Priority Map	Time Frame:			Year of Cost Estimate: Federal:	\$2,200,000.00
Map ID: Project Type: Operation Area Project Description:	50 Aviation Priority Map Extend Taxiway A	Time Frame: 3 near the airport's longes	st runway	y.	Year of Cost Estimate: Federal: State:	\$2,200,000.00
Map ID: Project Type: Operation Area Project Description:	50 Aviation Priority Map Extend Taxiway A: Allow aircraft to exof the over capaci	Time Frame:	st runway	y. portion	Year of Cost Estimate: Federal: State: City:	\$2,200,000.00
Map ID: Project Type: Operation Area Project Description:	50 Aviation Priority Map Extend Taxiway A: Allow aircraft to ex of the over capaci runway is construct	Time Frame: 3 near the airport's longes dit the runway faster and re	st runway	y. portion	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	\$2,200,000.00
Map ID: Project Type: Operation Area Project Description: Purpose:	50 Aviation Priority Map Extend Taxiway A: Allow aircraft to exof the over capacirunway is construct	Time Frame: 3 near the airport's longes dit the runway faster and re	st runway	y. portion	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	\$2,200,000.00
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	50 Aviation Priority Map Extend Taxiway At Allow aircraft to ex of the over capaci runway is construct	Time Frame: 3 near the airport's longes dit the runway faster and re	st runway	y. portion	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	\$2,200,000.00
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	50 Aviation Priority Map Extend Taxiway At Allow aircraft to ex of the over capaci runway is construct 100655	Time Frame:  3 near the airport's longes  it the runway faster and re ity of the airport system uncted in 2010 and 2011.	st runway elieve a ntil a thir	y. portion	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	\$2,200,000.00 \$2,200,000.00
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	50 Aviation Priority Map Extend Taxiway At Allow aircraft to ex of the over capaci runway is construct	Time Frame: 3 near the airport's longes dit the runway faster and re	st runway elieve a ntil a thin	y. portion d	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	

Project Name: Mulino Airport Development Improvements

Map ID:	51	Time Frame:	5 years	<b>Total Cost:</b>	\$2,200,000.00	
Project Type:	Aviation			Year of Cost Estimate:	2007	
Operation Area	Priority Map			Federal:		
Project Description:	Construct private acceproject of developmen		part of a larg	State:		
	, ,					
Purnose:	Construct fuel facilities	s, hangars, and provid	le vehicle	SDC:		
r urpooc.	access to support red	. ,	ic verileic	Port Share Committed:	\$1,200,000.00	
JDE NUM:				Port Share Forecasted:	\$200,000.00	
RTP Related:				Private:		
Recent Study:				Other:		
☐ Condition	oned Project	RTP 2025 Constrain	ned	<u>Unfunded:</u>	\$800,000.00	
☐ Identifie	d in STIP	RTP 2025 Illustrativ	/e	Estimate Rating:		



Project Name: 122nd Ave./Airport Way Intersection Improvement

Map ID:	52	Time Frame:	5 years	Total Cost:	\$895,000.00
Project Type:	Road			Year of Cost Estimate:	2006
Operation Area	PDX/PIC			<u>Federal:</u>	
Project Description:	Add turn lanes, ch	annelization and signal n	nodification	s. <u>State:</u>	
				City:	
Purnose:	Mitigate PDY Cas	cade Station, and Portlar	nd Internalia	SDC:	
, a pose.	Center Growth Imp		Port Share Committed:		
JĐE NUM:	810010			Port Share	\$905 000 00
RTP Related:	4045			Forecasted: Private:	\$895,000.00
Recent Study:		Portland Int'l Center Environment (2004) Sportation Analysis (2004)		Other:	
✓ Condition		RTP 2025 Constra		<u>Unfunded:</u>	
-		RTP 2025 Illustrati		Estimate Rating:	2a
		1 O - 1 DI I	1. C-00	aina Elimination	
Project Name:			.): Cros		
Map ID:		Time Frame:	5 years	Total Cost:	\$1,000,000.00
Map ID: Project Type:	53 Rail				\$1,000,000.00 2007
Map ID: Project Type: Operation Area	53 Rail POX/PIC	Time Frame:	5 years	Total Cost: Year of Cost Estimate: Federal:	
Map ID: Project Type:	53 Rail POX/PIC	Time Frame:	5 years	Total Cost: Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area	53 Rail PDX/PIC If feasible, eliminat	Time Frame:	5 years	Total Cost: Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area Project Description:	53 Rail PDX/PIC If feasible, eliminat alternate roadway	Time Frame:  te the at-grade crossing access.	5 years	Total Cost: Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	53 Rail PDX/PIC If feasible, eliminat alternate roadway	Time Frame:	5 years	Total Cost: Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	53 Rail PDX/PIC If feasible, eliminat alternate roadway	Time Frame:  te the at-grade crossing access.	5 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:	Fail PDX/PIC If feasible, eliminat alternate roadway Improve Kenton M conflict.	Time Frame:  te the at-grade crossing access.	5 years	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed:	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	Fail PDX/PIC If teasible, eliminat alternate roadway Improve Kenton M conflict.	Time Frame:  te the at-grade crossing access.	5 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: Recent Study:	Fail PDX/PIC If teasible, eliminat alternate roadway Improve Kenton M conflict.	Time Frame:  te the at-grade crossing access.	5 years	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	

Project Name: Columbia Blvd. Widening (82nd Ave. - 60th Ave.)

Map ID:	54	Tim	ne Frame:	20	years	Total Cost:	\$15,000,000.00
Project Type:	Road					Year of Cost Estimate:	2003
Operation Area	PDX/PIC					Federal:	2000
Project Description:	Widen Columbia	Blvd. to five	e lanes.			State:	
						City:	
						SDC:	
Purpose:	Address system to	oottleneck	along Columb	ia Blvo	d.	Port Share Committed:	
JDE NUM:						Port Share Forecasted:	
RTP Related:						Private:	
Recent Study:	East Columbia-Lo Transportation Ar	ombard Co	onnector Study	′		Other:	
☐ Condition	oned Project		2025 Constr	ained		<u>Unfunded:</u>	\$15,000,000.00
	d In STIP	RTP	2025 Illustra	tive		Estimate Rating:	
Project Name:	Airport Way	/ Termir	nal Entrar	ice F	Road	way Relocation	
Map ID:	55	Tin	ne Frame:		years	Total Cost:	\$12,818,000.00
Project Type:	55 Road	Tin			years		\$12,818,000.00 2006
Project Type: Operation Area	Road PDX/PIC		ne Frame:	5		<u>Total Cost:</u> <u>Year of Cost</u>	
Project Type: Operation Area	Road PDX/PIC		ne Frame:	5		Total Cost: Year of Cost Estimate:	
Project Type: Operation Area	Road PDX/PIC Relocate and wid		ne Frame:	5		Total Cost: Year of Cost Estimate: Federal:	
Project Type: Operation Area Project Description:	Road  PDX/PIC  Relocate and wid entrance.	den Airport	ne Frame: Way northerly	5 at Ten	minal	Total Cost: Year of Cost Estimate: Federal: State: City: SDC:	
Project Type: Operation Area Project Description:	Road PDX/PIC Relocate and wid	den Airport	ne Frame: Way northerly	5 at Ten	minal	Total Cost: Year of Cost Estimate: Federal: State: City: SDC:	
Project Type: Operation Area Project Description:	Road  PDX/PIC  Relocate and widentrance.  Maintain adequatarea.	den Airport	ne Frame: Way northerly	5 at Ten	minal	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	2006
Project Type: Operation Area Project Description: Purpose:	Road  PDX/PIC  Relocate and widentrance.  Maintain adequatarea.	den Airport	ne Frame: Way northerly	5 at Ten	minal	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed:	
Project Type: Operation Area Project Description: Purpose: JDE NUM:	Road  PDX/PIC  Relocate and widentrance.  Maintain adequatarea.  100827 4032	len Airport	ne Frame: Way northerly and circulation	5 at Ten	minal	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	2006
Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Road  PDX/PIC  Relocate and widentrance.  Maintain adequatarea.  100827  4032  PDX Term. Access	den Airport	ne Frame: Way northerly and circulation	5 at Ten	minal	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	2006
Project Type: Operation Area Project Description: Purpose:  JDE NUM: RTP Related: Recent Study:	Road  PDX/PIC  Relocate and widentrance.  Maintain adequatarea.  100827 4032	te access a	ne Frame: Way northerly and circulation	5 at Ten	minal	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	\$12.818,000.00

Project Name: Sandy Boulevard/105th Avenue

мар ір:	90		Time Frame:	5	years	Iotal Cost:	\$327,000.00
Project Type:	Road					Year of Cost Estimate:	2006
Operation Area	PDX/PIC					<u>Estimate.</u> Federal <u>:</u>	2000
Project Description:	Add a southboun	nd left	-turn lane.			State:	
						<u>City:</u> SDC:	
Purpose:	Accommodate pr	roject	ed growth from the	deve	elopment	of Port Share	
	00,710.					Committed:	
JDE NUM:						Port Share Forecasted:	
RTP Related:						Private:	\$327,000.00
Recent Study:			and Int'l Center Envi tation Analysis (200		nental	Other:	
☐ Conditio	oned Project	П	RTP 2025 Constr		d	<u>Unfunded:</u>	
	ed in STIP		RTP 2025 Illustra		_	Estimate Rating: N/A	J
Project Name:	Airport Way	y/Hc	olman Street				
Map ID:	57		Time Frame:	5	years	Total Cost:	\$440,000.00
Project Type:	Road					Year of Cost Estimate:	2006
Operation Area	PDX/PIC					Federal:	
Project Description:	Add a northboun northbound left-to			end ti	he	State:	
						City:	
Purpose:	Accommodate p	roject	ted traffic growth fro	m th	e	SDC:	
·	development of (					Port Share Committed:	
JDE NUM:						Port Share Forecasted:	
RTP Related:						Private:	\$440,000.00
Recent Study:	Cascade Station, Assessment Tran	/Portla	and Int'l Center Env tation Analysis (200	ironn 4)	nental	Other:	
☐ Condition	oned Project		RTP 2025 Constr	aine	d	<u>Unfunded:</u>	
☐ Identifie	ed in STIP		RTP 2025 Illustra	tive		Estimate Rating: 2b	

Project Name: PDX Transportation Demand Management (TDM)

Map ID:	58	Time Frame:	5 years	Total Cost:	
Project Type:	Other			Year of Cost	
Operation Area	PDX/PIC			Estimate:	
Project Description:	reduce auto trips ir undertaken with ott maximize effectived transportation man	es at PDX and PIC prop the airport area. Progr ner area businesses/de ness; possible administ agement association (I onal costs, not capital o	ams to be velopers to ration through MA). Costs v		
Purpose:	Fulfill TDM requirer	nents of PDX Master Pla programs recommende	an. Implemen	Port Share Committed:	
JDE NUM:				Port Share	
RTP Related:				<u>Forecasted:</u> <u>Private:</u>	
Recent Study:	PDX Employee TD	M Program Study (2002	)	Other:	
				<u>Unfunded:</u>	
	oned Project	RTP 2025 Constra		Estimate Rating:	N/A
Identifie	d in STIP	RTP 2025 Illustrat	ive		7
Project Name:	PIC Ped/Bik	e Network			
Project Name:		e Network  Time Frame:	10 years	Total Cost:	\$1,163,835.00
Map ID: Project Type:			10 years	Total Cost: Year of Cost Estimate:	\$1,163,835.00 2007
Map ID: Project Type: Operation Area	59 8ike/Ped PDX/PIC	Time Frame:	•	Year of Cost <u>Estimate:</u> Federal:	
Map ID: Project Type:	59 8ike/Ped PDX/PIC	Time Frame:	•	Year of Cost <u>Estimate:</u> Federal:	
Map ID: Project Type: Operation Area	59  Bike/Ped  PDX/PIC  Construct bike and	Time Frame:	•	Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area Project Description:	59 8ike/Ped PDX/PIC Construct bike and CS/PIC Plan District	Time Frame: I pedestrian facilities as	•	Year of Cost Estimate: Federal: State:	
Map ID: Project Type: Operation Area Project Description:	59  Bike/Ped  PDX/PIC  Construct bike and	Time Frame: I pedestrian facilities as	•	Year of Cost Estimate: Federal: State: City:	
Map ID: Project Type: Operation Area Project Description:	59 8ike/Ped PDX/PIC Construct bike and CS/PIC Plan District Improve bike/ped	Time Frame: I pedestrian facilities as	•	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose:	59  8ike/Ped  PDX/PIC  Construct bike and CS/PIC Plan District  Improve bike/ped	Time Frame: I pedestrian facilities as	•	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:	59  8ike/Ped  PDX/PIC  Construct bike and CS/PIC Plan District  Improve bike/ped 4	Time Frame: I pedestrian facilities as	•	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:	59  8ike/Ped  PDX/PIC  Construct bike and CS/PIC Plan District  Improve bike/ped  4086  East Airport Area F	Time Frame: I pedestrian facilities as ct.	shown in the	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	

Project Name: Airport Way East Terminal Access Link Roadway

Map ID: 60 Time Frame: 10 years Total Cost: \$16,900,000.00 Year of Cost Project Type: Road 2005 Estimate: Operation Area PDX/PIC Federal: Project Description: Construct Airport Way East Terminal access link roadway State: (Terminal Access Study, project R6, to be scoped by PDX City: SDC: Purpose: Facilitate direct East Terminal access, preventing failure of Main Terminal Roadway. Port Share Committed: Port Share JDE NUM: 100619 \$16,900,000.00 Forecasted: RTP Related: 4033 Private: Recent Study: PDX Term. Access Study (2005) Other: Unfunded: □ Conditioned Project ✓ RTP 2025 Constrained Estimate Rating: 3c Identified in STIP ✓ RTP 2025 Illustrative Project Name: Airport Way Return and Exit Roadways Map ID: 61 Time Frame: 10 years Total Cost: \$5,660,000,00 Year of Cost Project Type: Road 2005 Estimate: Operation Area PDX/PIC Federal: Project Description: Realign the existing Terminal Exit Roadway to the north to State: facilitate the construction of Concourse B and Terminal **Expansion East** City: SDC: Purpose: Maintain adequate access and circulation in the terminal Port Share Committed: \$0.00 Port Share JDE NUM: 100620 \$5,660,000.00 Forecasted: RTP Related: 4031 Private: Recent Study: PDX Term. Access Study (2005) Other: Unfunded: \$0.00 Conditioned Project ✓ RTP 2025 Constrained Estimate Rating: 3c ☐ Identified in STIP ✓ RTP 2025 Illustrative

Project Name: Widen Airport Way West of 82nd

Map ID: 62 Time Frame: Total Cost: 10 years \$7,910,000.00 Year of Cost Project Type: Road 2007 Estimate: Operation Area PDX/PIC Federal: Project Description: Widen Airport Way from terminal to 82nd Ave. State: City: SDC: Purpose: Provide improved traffic flow to the PDX Terminal and the surrounding PDX properties. Port Share Committed: \$0.00 Port Share JDE NUM: 100773 \$7,910,000.00 Forecasted: RTP Related: 4021 Private: Recent Study: Airport Way Rehabilitation Program (2007) Other: Unfunded: \$0.00 Conditioned Project ✓ RTP 2025 Constrained Estimate Rating: 3c ☐ Identified in STIP ✓ RTP 2025 Illustrative Project Name: 82nd Ave./Airport Way Grade Separation Map ID: 63 Time Frame: Total Cost: \$92,000,000.00 10 years Year of Cost Project Type: Road Estimate: 2007 Operation Area PDX/PIC Federal: Project Description: Construct grade-separated overcrossing. State: City: SDC: Purpose: Provide efficient movement of traffic to PDX properties. Port Share Committed: Port Share JDE NUM: \$92,000,000.00 Forecasted: RTP Related: 4028 Private: Recent Study: East Airport Area Traffic Needs Study(1996) Other: Unfunded: Conditioned Project RTP 2025 Constrained Estimate Rating: 3c ☐ Identified in STIP RTP 2025 Illustrative

Project Name: 1-205 Auxiliary Lane NB

Map ID:	64		Time Frame:	20	years	Total Cost:
Project Type:	Road					Year of Cost Estimate:
Operation Area	PDX/PIC					Federal:
Project Description:	New auxiliary lane Blvd.	from	1-84 to I-205 NB be	fore (	Columbia	State:
						City:
Durnoso	Desirate and different		an't day antinia atad		th != ====	SDC:
Purpose.	traffic.	сар	acity for anticipated	grow	in in area	Port Share Committed:
JDE NUM:						Port Share Forecasted:
RTP Related:	2072					Private:
Recent Study:	Airport Area Trans	sp. St	ludy (1998)			Other:
☐ Condition	oned Project		RTP 2025 Constra	ined		<u>Unfunded:</u>
☐ Identifie	ed in STIP	$\checkmark$	RTP 2025 Illustrat	lve		Estimate Rating:
Project Name:	l-205 Auxilia	an/ l	l ane SB			
<b>,</b>	1 200 / taxiiie	<u> </u>	<u>Lario GB</u>			
Map ID:		<u> </u>	Time Frame:	20	years	Total Cost:
		<u> </u>		20	years	Year of Cost
Map ID:	65	<u> </u>		20	years	Year of Cost Estimate:
Map ID: Project Type:	65 Road POX/PIC		Time Frame:		,	Year of Cost Estimate: Federal:
Map ID: Project Type: Operation Area	65 Road POX/PIC		Time Frame:		,	Year of Cost Estimate: Federal:
Map ID: Project Type: Operation Area Project Description:	65 Road POX/PIC New I-205 auxiliar	ry lan	Time Frame: e from Airport Way t	o Col	umbia Bi	Year of Cost Estimate: Federal:  State: City: SDC:
Map ID: Project Type: Operation Area Project Description:	65 Road POX/PIC New I-205 auxiliar	ry lan	Time Frame:	o Col	umbia Bi	Year of Cost Estimate: Federal: State: City: SDC:
Map ID: Project Type: Operation Area Project Description:	65 Road PDX/PIC New I-205 auxiliar Provide additional corridor.	ry lan	Time Frame: e from Airport Way t	o Col	umbia Bi	Year of Cost Estimate:  Federal:  State: City: SDC: Port Share Committed: Port Share
Map ID: Project Type: Operation Area Project Description: Purpose:	65 Road POX/PIC New I-205 auxiliar Provide additional corridor.	ry lan	Time Frame: e from Airport Way t	o Col	umbia Bi	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:
Map ID: Project Type: Operation Area Project Description: Purpose:	65 Road PDX/PIC New I-205 auxiliar Provide additional corridor.	y lan	Time Frame: e from Airport Way to	o Col	umbia Bi	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:	65 Road PDX/PIC New I-205 auxiliar Provide additional corridor.	y lan	Time Frame: e from Airport Way to acity for anticipated	o Col	umbia Bi	Year of Cost Estimate:  Federal:  State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	65 Road PDX/PIC New I-205 auxiliar Provide additional corridor.	y lan	Time Frame: e from Airport Way to	o Col	umbia Bi	Year of Cost Estimate:  Federal:  State: City: SDC: Port Share Committed: Port Share Forecasted: Private:

Project Name: 92nd Drive (Columbia Way to Alderwood Rd.)

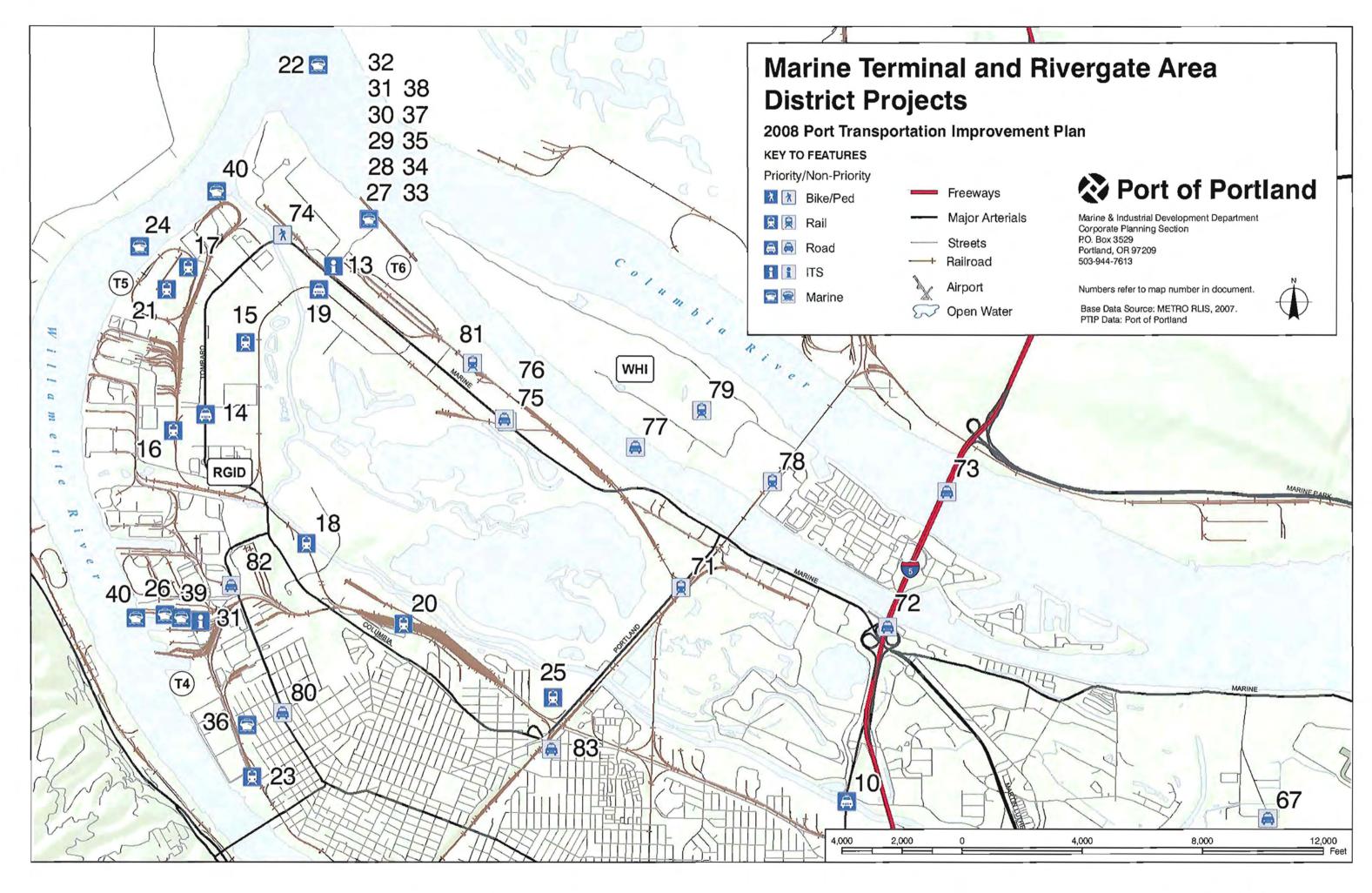
Map ID:	66		Time Frame:	5 years	Total Cost:	\$2,406,547.00
Project Type:	Road				Year of Cost Estimate:	2005
Operation Area	PDX/PIC				Federal:	
Project Description:	Improve NE 92nd Alderwood Road.		e from Columbia Slou	igh to	State:	
					City:	
Durnoso	Dravida alfiniant a	20110	ment of traffic between	n Calumbia	SDC:	
ruipose.	Way and Alderwo			Port Share Committed:	\$1,289,255.00	
JDE NUM:	810017				Port Share Forecasted:	
RTP Related:	4039				Private:	\$1,117,292.00
Recent Study:					Other:	
Condition	oned Project		RTP 2025 Constrai	ned	<u>Unfunded:</u>	\$0.00
	ed in STIP		RTP 2025 (Illustrati		Estimate Rating:	N/A
Project Name:	SW Quad A	CCE	<u> </u>			
Map ID:	67		Time Frame:	5 years	Total Cost:	\$5,917,500.00
Project Type:	Road				Year of Cost Estimate:	2007
Operation Area	PDX/PIC				Federal:	
Project Description:	Provide street acc	cess	from 33rd Ave. into S	W Quad.	State:	
					O:1	
					<u>City:</u>	
Purnose	Provide efficient	2016	amont of traffic to down	alanian PDV	SDC:	
Purpose:	Provide efficient r properties.	nove	ement of traffic to devi	eloping PDX	SDC:	
Purpose: JDE NUM:	properties.	nove	ement of traffic to devi	eloping PDX	SDC: Port Share Committed: Port Share	\$5,917,500.00
·	properties.	move	ement of traffic to devi	eloping PDX	SDC: Port Share Committed:	\$5,917,500.00
JDE NUM: RTP Related:	properties. : 100757 : 4017		ement of traffic to devi	eloping PDX	SDC: Port Share Committed: Port Share Forecasted:	\$5,917,500.00
JDE NUM: RTP Related: Recent Study:	properties. : 100757 : 4017				Port Share Committed: Port Share Forecasted: Private:	

Project Name: PDX Light Rail Station/Track Realignment

Map ID:	68		Time Frame:	10	years	Total Cost:	\$14,000,000.00
Project Type:	Transit					Year of Cost Estimate:	2006
Operation Area	PDX/PIC					Federal:	
Project Description:	Realign light rail to	track in	to terminal buildin	g.		State:	
						City:	
Burnoso	Assessment data to		evenencies plans			SDC:	
Furpose.	Accommodate te	erminai	expansion plans.			Port Share Committed:	
JDE NUM:	100662					Port Share	\$14,000,000.00
RTP Related:	4060					Forecasted: Private:	\$14,000,000,00
Recent Study:	PDX Term. Acces	ss Stud	dy (2005)			Other:	
Condition	oned Project	<b>V</b>	RTP 2025 Constr	alne	d	<u>Unfunded:</u>	
	ed In STIP		RTP 2025 Illustra		-	Estimate Rating:	3c
Project Name:	Airport Ma	, Dro	idad Dama				
rojeot Name.	Airport way	y Dia	<u>iideu nampi</u>	2			
Map ID:			Time Frame:		years	Total Cost:	\$59,000,000.00
Map ID: Project Type:	69 Road				years	Total Cost: Year of Cost Estimate:	\$59,000,000.00 2007
Map ID: Project Type: Operation Area	69 Road PDX/PIC		Time Frame:	20	,	Year of Cost Estimate: Federal:	
Map ID: Project Type:	69 Road PDX/PIC	ed ramp	Time Frame:	20	,	Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area	69 Road PDX/PIC Construct braide	ed ramp	Time Frame:	20	,	Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area Project Description:	69 Road PDX/PIC Construct braide	ed ramp erchan	Time Frame: os between the 1-2 age.	20 05 int	erchang	Year of Cost Estimate: Federal:  State:	
Map ID: Project Type: Operation Area Project Description:	69 Road PDX/PIC Construct braide and Cascade Inte	ed ramp erchan	Time Frame: os between the 1-2 age.	20 05 int	erchang	Year of Cost Estimate: Federal:  State: City:	
Map ID: Project Type: Operation Area Project Description:	Road PDX/PIC Construct braide and Cascade Intel Maintain safety a interchanges.	ed ramp erchan	Time Frame: os between the 1-2 age.	20 05 int	erchang	Year of Cost Estimate:  Federal:  State: City: SDC: Port Share Committed: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose:	Road PDX/PIC Construct braide and Cascade Intel Maintain safety a interchanges.	ed ramp erchan	Time Frame: os between the 1-2 age.	20 05 int	erchang	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:	Road PDX/PIC Construct braide and Cascade Intermediate and Cascade Intermediate and Cascade Intermediate Amaintain safety a interchanges.	ed ramp lerchan and cap	Time Frame:  os between the I-2  ge.  pacity of Airport W	20 05 int	erchang	Year of Cost Estimate:  Federal:  State: City: SDC: Port Share Committed: Port Share	
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	Road PDX/PIC Construct braide and Cascade Intermediate and Cascade Intermediate and Cascade Intermediate Amaintain safety a interchanges.	ed ramperchan	Time Frame:  os between the I-2  ge.  pacity of Airport W	20 05 int	erchang	Year of Cost Estimate:  Federal:  State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	

Project Name: Alternative Fuels Station

Map ID:	70	Time Frame:	5 years	Total Cost:	\$1,000,000.00
Project Type:	Other			Year of Cost Estimate:	2001
Operation Area	PDX/PIC			Federal:	
Project Description:		alternative fuels station tha both airside and landside	t will be	State:	
				City:	
Durnoco	Describe astrolina	and the little of the books of the latest de-		SDC:	
Furpose.	(public) CNG veh	capabilities for both airside icles. Encourage airport but the CNG to improve air quality.	usinesses to	Port Share Committed:	
JDE NUM:				Port Share	
RTP Related:				Forecasted: Private:	
Recent Study:				Other:	
☐ Condition	oned Project	RTP 2025 Constrain	ned	<u>Unfunded:</u>	\$1,000,000.00
☐ Identifie	d in STIP	RTP 2025 Illustrativ	/e <u>E</u>	Stimate Rating: 3	С



Project Name: North Portland Junction

Map ID: 71 Time Frame: 10 years **Total Cost:** \$9,160,000.00 Year of Cost Project Type: Rail 2003 Estimate: Operation Area Rivergate Federal: Project Description: Upgrade railroad with revised crossovers, centralized traffic State: control tie-in and increased turning radius. City: SDC: Purpose: Accommodate higher rail speeds at the junction which provides greater capacity. Port Share Committed: Port Share JDE NUM: Forecasted: RTP Related: 4093 Private: Recent Study: I-5 Rail Capacity Study (HDR, 2003) Other: Unfunded: \$9,160,000.00 ☐ Conditioned Project RTP 2025 Constrained Estimate Rating: N/A ☐ Identified in STIP ✓ RTP 2025 Illustrative Project Name: 1-5 Delta Park Widening Map ID: 72 Time Frame: 5 years Total Cost: \$68,963,000.00 Year of Cost Project Type: Road 2006 Estimate: Operation Area Rivergate Federal: \$31,497,581.00 Project Description: Widen I-5 to 6 lanes (Victory Blvd. to Lombard) State: \$37,465,419.00 City: SDC: Purpose: Improve efficiency and safety on I-5 between Victory Blvd. and Lombard. Port Share Committed: Port Share JDE NUM: Forecasted: RTP Related: 4005 Private: Recent Study: An Environmental Assessment is in progress for this Other: project. Unfunded: ☐ Conditioned Project ✓ RTP 2025 Constrained **Estimate Rating:** ✓ Identified in STIP RTP 2025 Illustrative

Recent Study:

✓ Conditioned Project

☐ Identified in STIP

### RIVERGATE AREA PROJECTS

Project Name: 1-5 Columbia River Crossing

Map ID:	73	Time Frame:	10	years	Total Cost:	,200,000,000.00
Project Type:	Road				Year of Cost	2002
Operation Area	Rivergate				Estimate:	2002
Project Description:	Increase the number of across the river.	of lanes and add trans	sit cap	oacity	<u>Federal:</u> <u>State:</u>	
					City:	
Purpose:	Increase multi-modal of	capacity across the C	:olum	hia Rive	SDC:	
, al pooci	and relieve congestion		Joidin	DIG T IIV	Port Share Committed:	
JDE NUM:					Port Share	
RTP Related:	4003				Forecasted: Private:	
Recent Study:	I-5 Transportation and	Trade Partnership Fi	inal		Other:	
	Strategic Plan (2002)					1,200,000,000.00
☐ Condition	ned Project	RTP 2025 Constra	Ined			
					Estimate Hating:	IV/A
✓ Identifie	d in STIP	RTP 2025 Illustrati	ve		Estimate Rating:	IN/A
✓ Identifie	_			Mile		N/A
	Kelly Point Par		/40	Mile years		\$101,500.00
Project Name:	Kelly Point Par	k Access Trail	/40		Loop Trail  Total Cost:  Year of Cost	\$101,500.00
Project Name:	Kelly Point Par	k Access Trail	/40		Loop Trail  Total Cost:  Year of Cost  Estimate:	
Project Name:  Map ID:  Project Type:	Kelly Point Par  74  Bike/Ped  Rivergate  Sike/pedestrian trail al	k Access Trail Time Frame:	/40 5	years	Loop Trail  Total Cost: Year of Cost Estimate: Federal:	\$101,500.00
Project Name:  Map ID:  Project Type:  Operation Area	Kelly Point Par 74  Bike/Ped Rivergate	k Access Trail Time Frame:	/40 5	years	Loop Trail  Total Cost: Year of Cost Estimate: Federal: State:	\$101,500.00
Project Name:  Map ID:  Project Type:  Operation Area	Kelly Point Par  74  Bike/Ped  Rivergate  Sike/pedestrian trail al	k Access Trail Time Frame:	/40 5	years	Total Cost: Year of Cost Estimate: Federal: State: City:	\$101,500.00
Project Name:  Map ID:  Project Type:  Operation Area  Project Description:	Kelly Point Par  74  Bike/Ped  Rivergate  Sike/pedestrian trail al	k Access Trail Time Frame:	/40 5	years Columb	Total Cost: Year of Cost Estimate: Federal: State: City: SDC:	\$101,500.00
Project Name:  Map ID:  Project Type:  Operation Area  Project Description:	Kelly Point Par  74  Bike/Ped  Rivergate  Bike/pedestrian trail at Slough.	k Access Trail Time Frame:	/40 5	years Columb	Total Cost: Year of Cost Estimate: Federal: State: City:	\$101,500.00
Project Name:  Map ID:  Project Type:  Operation Area  Project Description:	Kelly Point Par  74  Bike/Ped  Rivergate  Bike/pedestrian trail at Slough.  Construct portion of 4	k Access Trail Time Frame:	/40 5	years Columb	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share	\$101,500.00
Project Name:  Map ID:  Project Type:  Operation Area  Project Description:  Purpose:	Kelly Point Par  74  Bike/Ped  Rivergate  Bike/pedestrian trail at Slough.  Construct portion of 44	k Access Trail Time Frame:	/40 5	years Columb	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	\$101,500.00 2005

✓ RTP 2025 Constrained

✓ RTP 2025 Illustrative

Other: Unfunded:

Estimate Rating: 26

Project Name: Terminal 6 Internal Overcrossing

Map ID:	: /5		Time Frame:	5	years	Total Cost:	\$3,500,000.00
Project Type:	Road					Year of Cost Estimate:	2006
	Rivergate					Federal:	
Project Description:	Construct a rail of	vercr	ossing at Terminal 6.			State:	
						City:	
Purpose	! Increase efficient	t mov	ement for rail and Ten	mins	al 6 Iena	SDC:	
, 4, 6000	inordase emergri	· · · · · ·			<i>3</i> 0 10114	Port Share Committed:	
JDE NUM:	100324					Port Share	\$3,500,000.00
RTP Related:	:					<u>Forecasted:</u> <u>Private:</u>	40,000,000
Recent Study:	: Marine Terminal	Maste	er Plan 2020 (2003)			Other:	
Conditi	oned Project		RTP 2025 Constrai	nod	i	Unfunded:	
	ed in STIP		RTP 2025 illustration		1	Estimate Rating:	2b
Project Name:		<u>Imp</u>		<u>ise</u>	<u>2</u>		
Map ID:	: 76		Time Frame:	20	years	Total Cost:	\$18,000,000.00
Project Type:	Road					Year of Cost Estimate:	2003
Operation Area						Federal:	
Project Description	Construct rail ov	ercros	ssing on Marine Dr.			State:	
						City:	
Purpose	: Avoid road/rail c	onflic	L.			SDC:	
						Port Share Committed:	
JDE NUM	:					Port Share Forecasted:	
RTP Related	4064					Private:	
Recent Study	:					Other:	
☐ Conditi	oned Project		RTP 2025 Constrai	ined	ı	<u>Unfunded:</u>	\$18,000,000.00
	ed In STIP	<u> </u>	RTP 2025 Illustrati			Estimate Rating:	3c

Project Name: West Hayden Island Bridge and Access Rd.

Map ID:	77		Time Frame:	10	years	Total Cost:	\$49,800,000.00
Project Type:	Road					Year of Cost Estimate:	2007
Operation Area	Rivergate					Federal:	
Project Description:	alignment with 90'	Construct 4-lane bridge to West Hayden Island, west alignment with 90' clearance and associated ramp					
	infrastructure.					<u>City:</u>	
Purpose:	Provide access to	Por	t's marine developm	ent a	nd to	SDC:	
			on Hayden Island.			Port Share Committed:	
JDE NUM:						Port Share Forecasted:	
RTP Related:	4061					Private:	
Recent Study:			Marine Termina) Deve ortation Analysis (199		ent	Other:	
☐ Condition	oned Project		RTP 2025 Constra		ı	<u>Unfunded:</u>	\$49,800,000.00
☐ Identifie	d in STIP	<b>V</b>	RTP 2025 Illustrat	ive		Estimate Rating:	
Project Name:	West Hayde	<u>n I</u>	Island Rail Ac	ces	<u>s</u>		
Map ID:	78		Time Frame:	20	years	Total Cost:	
Project Type:	Rail					Year of Cost Estimate:	
Operation Area	Rivergate					Federal:	
Project Description:	Rail access to sup	noqo	t West Hayden Island	d dev	elopmer		
						City:	
Durnose:	Advance rail-depe	ada	na) davalanment			SDC:	
i dipose.	Advance rain-depe	aide	як бечеюр/пепк.			Port Share Committed:	
JDE NUM:						Port Share	
RTP Related:	4069					<u>Forecasted:</u> <u>Private:</u>	
Recent Study:	West Hayden Islan (1994)	nd R	Rail Access Feasibility	y Stud	dy	Other:	
☐ Condition	oned Project		RTP 2025 Constra	ined	ı	<u>Unfunded:</u>	
☐ Identifie	ed in STIP	<b>V</b>	RTP 2025 Illustrat	ive		Estimate Rating:	

Project Name: West Hayden Island Rail Yard

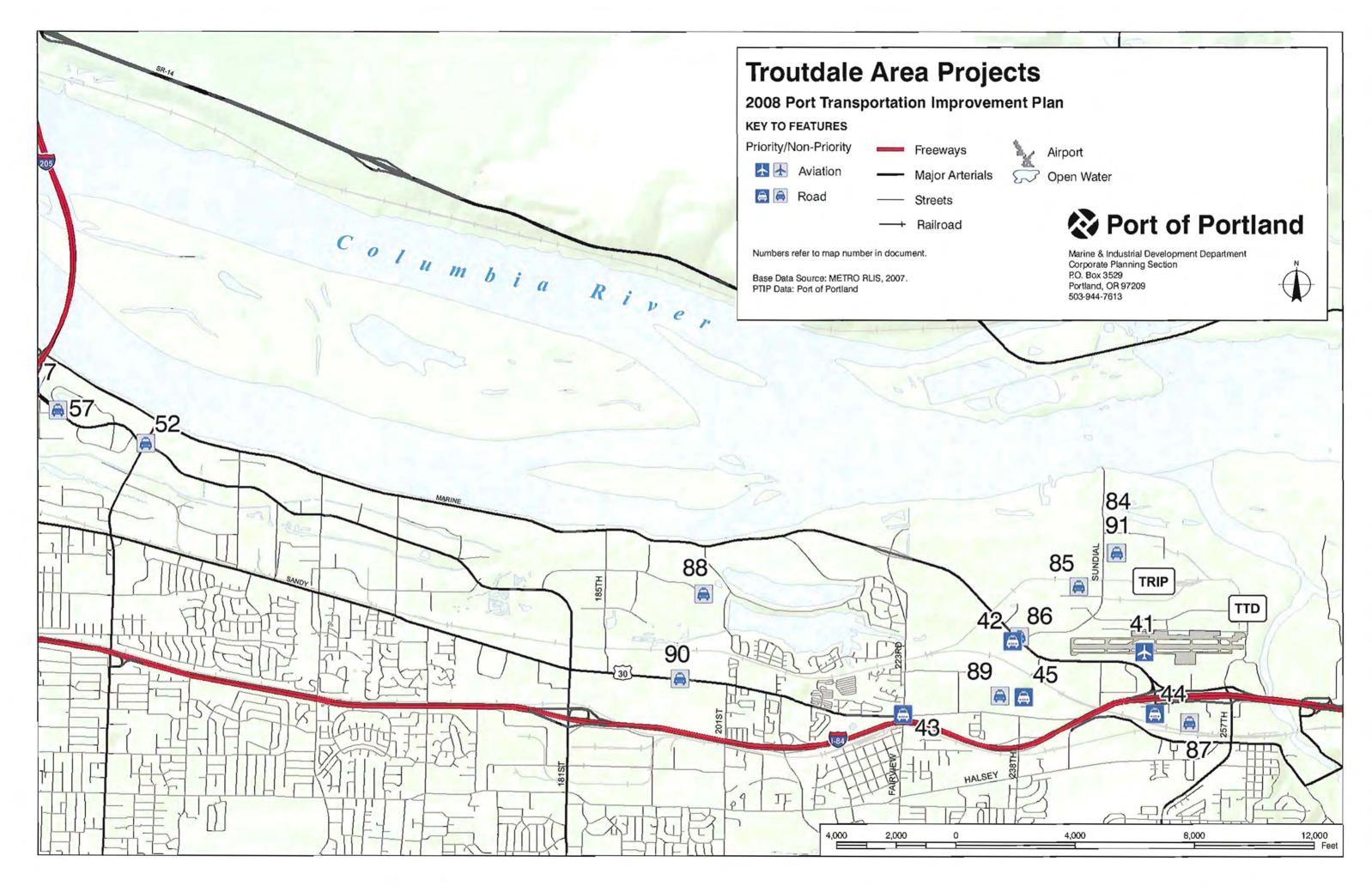
Map ID:	79		Time Frame:	20 years	Total Cost:	
Project Type:	Rail				Year of Cost	
Operation Area	Rivergate				Estimate:	
	·				<u>Federal:</u>	
Project Description:	Seven track rail ya	ara c	onnected to facility	гаскаде.	State:	
					<u>City:</u>	
Purpose:	Advance rail deve	eloom	nent on West Hayde	n Island	SDC:	
	7101010010110010	olopi.	ion on riournaya		Port Share Committed:	
JDE NUM:					Port Share	
RTP Related:	4078				Forecasted: Private:	
Recent Study:	West Hayden Isla (1994)	nd R	ail Access Feasibilit	y Study	Other:	
Condition	ned Project	П	RTP 2025 Constr	sined	<u>Unfunded:</u>	
	d in STIP		RTP 2025 Illustra		Estimate Rating:	
	4,11,-111		2020			
Project Name:	Lombard Si Improveme			lvanhoe (	St. Multimodal	
Map ID:	80		Time Frame:	5 years	Total Cost:	\$1,129,821.00
Project Type:	Road				Year of Cost Estimate:	2005
Operation Area	Rivergate				Federal:	\$1,013,788.00
Project Description:	Improvements co	uld ii	nclude restriping, cu and bicycle amenitie	irb extensions	State:	
	that do not imped	de tru	ick movement, as w	ell as intersec	city:	\$116,033.00
	improvements at St. Louis Ave. and at Philadelphia Ave., such as realignment and signalization.				SDC:	
Purpose:		estria	ent and minimize co ans between Philado ark.		Port Share	
					Committed:	
JDE NUM:					Port Share	
JDE NUM: RTP Related:					Port Share Forecasted:	
RTP Related:	1137		gy Report&Recomn	nendation	Port Share	
RTP Related: Recent Study:	1137 St. Johns Truck S	Strate	gy Report&Recomm		Port Share Forecasted: Private:	

Project Name: T6 Rail Support Yard Improvements

Map ID:	01	Time Frame:	10	years	Total Cost:	\$8,750,000.00
Project Type:	Rail				Year of Cost Estimate:	
Operation Area	Rivergate				Federal:	
Project Description:	Construct an additionand 8,500 feet of	itional 6,800 feet of arriva storage track.	al/dep	arture tra	State:	
					City:	
Purpose:	Increase Terminal	L6 rail canacity.			SDC:	
					Port Share Committed:	
JDE NUM:					Port Share	
RTP Related:					Forecasted: Private:	
Recent Study:	Mainline Manager	ment Terminal 6 Rail Stu	dy (20	006)	Other:	
					Unfunded:	69 750 000 00
☐ Condition	oned Project	RTP 2025 Constra	ained		Estimate Rating:	\$8,750,000.00
☐ Identifie	d in STIP	RTP 2025 Illustra	tive		Estimate Hatting.	3C
Project Name:	Burgard Bri	dge Replaceme	<u>nt</u>			
Project Name: Map ID:		dge Replaceme  Time Frame:		years	Total Cost:	\$1,445,000.00
Map ID: Project Type:	82 Road			years	Total Cost: Year of Cost Estimate:	\$1,445,000.00 2004
Map ID: Project Type: Operation Area	82 Road Rivergate	Time Frame:		years	Year of Cost	
Map ID: Project Type:	82 Road Rivergate	Time Frame:		years	Year of Cost Estimate:	
Map ID: Project Type: Operation Area	82 Road Rivergate	Time Frame:		years	Year of Cost Estimate: Federal:	2004
Map ID: Project Type: Operation Area Project Description:	82 Road Rivergate Upgrade structure	Time Frame: e.	5		Year of Cost Estimate: Federal: State: City: SDC:	2004
Map ID: Project Type: Operation Area Project Description:	82 Road Rivergate Upgrade structure	Time Frame:	5		Year of Cost Estimate: Federal: State: City: SDC:	2004
Map ID: Project Type: Operation Area Project Description:	82 Road Rivergate Upgrade structure Replace the bridgrestrictions.	Time Frame: e.	5		Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	2004
Map ID: Project Type: Operation Area Project Description: Purpose:	82 Road Rivergate Upgrade structure Replace the bridgrestrictions.	Time Frame:	5		Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	2004
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related:	82 Road Rivergate Upgrade structure Replace the bridgrestrictions.	Time Frame:	5		Year of Cost Estimate:  Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	2004
Map ID: Project Type: Operation Area Project Description: Purpose:	82 Road Rivergate Upgrade structure Replace the bridgrestrictions.	Time Frame:	5		Year of Cost Estimate:  Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2004
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	82 Road Rivergate Upgrade structure Replace the bridgrestrictions.	Time Frame:	5 o elim	inate wei	Year of Cost Estimate:  Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other: Unfunded:	2004 \$1,445,000.00
Map ID: Project Type: Operation Area Project Description: Purpose:  JDE NUM: RTP Related: Recent Study:	82 Road Rivergate Upgrade structure Replace the bridgrestrictions.	Time Frame: e. ge with a slab on grade to	5 o elim	inate wei	Year of Cost Estimate:  Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2004 \$1,445,000.00

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

Map ID:	83	Time Frame:	5 years	Total Cost:	\$600,000.00
Project Type:	Road			Year of Cost Estimate:	2006
Operation Area	Rivergate			Federal:	
Project Description:		nclude realignment of trave gnalization, signing or new		State:	
	curbs.			City:	
Purpose:	Reinforce through	n truck movements on mine	SDC:		
Purpose: Reinforce through truck movements on minor and major truck streets (Portland Rd. and Columbia Blvd. respectively), minimizing neighborhood cut-through traffic.				Port Share Committed:	
JDE NUM:				Port Share Forecasted:	
RTP Related:				Private:	
Recent Study:	St. Johns Truck S (2001)	itrategy Report&Recomme	ndation	Other:	
☐ Condition	ned Project	RTP 2025 Constrain	ned	<u>Unfunded:</u>	\$600,000.00
☐ Identifie	d in STIP	RTP 2025 Illustrativ	/e <u>E</u>	stimate Rating: N/A	



Project Name: Reynolds Site Road Access Phase 2 and 3

Map ID:	84	Time Frame:	10	years	Total Cost:	
	Road				Year of Cost Estimate:	
Operation Area	Troutdale/TRIP				Federal:	
Project Description:	Phase 2 and 3 ind	lustrial development. Ac	al road improvements to serve al development. Actual project will		Ctatas	
	be developed in c	coordination with stakeho	olaers.		City:	
Purpose:	Address off-site tr	ansportation impacts.			SDC:	
. ч. росс.	Address on site in	a roportation impacto.			Port Share Committed:	
JDE NUM:					Port Share	
RTP Related:					Forecasted:	
Recent Study:					Private:	
necent Study.					Other:	
☐ Condition	ned Project	RTP 2025 Constra	ained		<u>Unfunded:</u>	
☐ Identifie	d in STIP	RTP 2025 Illustra	tive		Estimate Rating: N	I/A
Duningt Manner	0	Troutdala Davin	ماطو	Indus	etrial Park Acces	200
Project Name:	Sundial Rd.,	/Troutdale Reyn	<u> Ulus</u>	muuc	sillai Fa <u>ik Access</u>	<u>505</u>
Project Name:  Map ID:		Time Frame:		years	Total Cost:	\$228,917.00
					Total Cost: Year of Cost	
Map ID:	85				Total Cost: Year of Cost Estimate:	
Map ID: Project Type:	85 Road Troutdale/TRIP Add northbound ri	Time Frame:	5 I Way	years and the	Total Cost: Year of Cost Estimate: Federal:	
Map ID: Project Type: Operation Area	85 Road Troutdale/TRIP Add northbound ri	Time Frame:	5 I Way	years and the	Total Cost: Year of Cost Estimate: Federal: State:	
Map ID: Project Type: Operation Area	85 Road Troutdale/TRIP Add northbound ri	Time Frame:	5 I Way	years and the	Total Cost: Year of Cost Estimate: Federal: State: City:	
Map ID: Project Type: Operation Area Project Description:	85 Road Troutdale/TRIP Add northbound rinorthmost Troutdale	Time Frame:	5 I Way ark Ac	years and the	Total Cost: Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	85 Road Troutdale/TRIP Add northbound rinorthmost Troutdale	Time Frame: ight turn lanes at Swiger ale Reynolds Industrial P	5 I Way ark Ac	years and the	Total Cost: Year of Cost Estimate: Federal: State: City: SDC:	
Map ID: Project Type: Operation Area Project Description:	85 Road Troutdale/TRIP Add northbound rinorthmost Troutdale Accommodate Tro	Time Frame: ight turn lanes at Swiger ale Reynolds Industrial P	5 I Way ark Ac	years and the	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	\$228,917.00
Map ID: Project Type: Operation Area Project Description: Purpose:	85 Road Troutdale/TRIP Add northbound rinorthmost Troutdale Accommodate Tro	Time Frame: ight turn lanes at Swiger ale Reynolds Industrial P	5 I Way ark Ac	years and the	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	\$228,917.00
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	85 Road Troutdale/TRIP Add northbound rinorthmost Troutdale Accommodate Tro	Time Frame: ight turn lanes at Swiger ale Reynolds Industrial P	5 I Way ark Ac	years and the	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	\$228,917.00
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	85 Road Troutdale/TRIP Add northbound rinorthmost Troutdale Accommodate Tro	Time Frame:  ight turn lanes at Swiger ale Reynolds Industrial P	5 I Way Park Ac	years and the	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	\$228,917.00
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	85 Road Troutdale/TRIP Add northbound rinorthmost Troutdale Accommodate Tro	Time Frame: ight turn lanes at Swiger ale Reynolds Industrial P	5 I Way Park Ac	years and the coess.	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	\$228,917.00 \$228,917.00

Project Name: Marine Drive/Sundial Road

Map ID:	00	Time Frame:	5	years	Total Cost:	\$260,250.00
Project Type:	Road				Year of Cost Estimate:	2007
Operation Area	Troutdale/TRIP				<u>Federal:</u>	
Project Description:	Signalize the inte	ersection.			State:	
					<u>City:</u>	
Durnosa	Cupped Access	ta Troutdala Bayaalda ladi	valcial	Dod's	SDC:	
rui pose.	· Support Access	lo Troutdale Reynolds Indu	usiria	raix	Port Share Committed:	\$260,250.00
JDE NUM	:				Port Share	
RTP Related	:				Forecasted: Private:	
Recent Study					Other:	
					Unfunded:	
✓ Conditi	oned Project	RTP 2025 Constra	ined		Estimate Rating:	30
☐ Identific	ed in STIP	RTP 2025 Illustrati	ive		<u> Lotimate nating.</u>	50
Project Name:	Marine Driv	ve Improvement a	ınd	Exter	nsion	
Map ID	: 87	Time Frame:	10	years	Total Cost:	\$20,400,000.00
Project Type:	Road	Time Frame:	10	years	Total Cost: Year of Cost Estimate:	\$20,400,000.00 2007
Project Type: Operation Area	Road Troutdale/TRIP				Year of Cost	
Project Type:	Road  Troutdale/TRIP  Convert Marine I				Year of Cost Estimate:	
Project Type: Operation Area	Road  Troutdale/TRIP  Convert Marine I	Drive one-way southbound			Year of Cost Estimate: Federal:	
Project Type: Operation Area Project Description	Road  Troutdale/TRIP  Convert Marine I under I-84 and w	Drive one-way southbound	i to tw	∕o-way	Year of Cost Estimate: Federal: State:	
Project Type: Operation Area Project Description	Road  Troutdale/TRIP  Convert Marine I under I-84 and w	Drive one-way southbound viden to five lanes.	i to tw	∕o-way	Year of Cost Estimate: Federal: State: City:	
Project Type: Operation Area Project Description	Road  Troutdale/TRIP  Convert Marine I under I-84 and w	Drive one-way southbound viden to five lanes.	i to tw	∕o-way	Year of Cost Estimate:  Federal: State: City: SDC: Port Share Committed: Port Share	
Project Type: Operation Area Project Description Purpose	Road  Troutdale/TRIP  Convert Marine I under I-84 and with the second se	Drive one-way southbound viden to five lanes.	i to tw	∕o-way	Year of Cost Estimate:  Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	
Project Type: Operation Area Project Description Purpose  JDE NUM	Road  Troutdale/TRIP  Convert Marine I under I-84 and w  Ensure adequate	Drive one-way southbound viden to five lanes.	i to tw	∕o-way	Year of Cost Estimate:  Federal: State: City: SDC: Port Share Committed: Port Share	
Project Type: Operation Area Project Description Purpose  JDE NUM RTP Related Recent Study	Road  Troutdale/TRIP  Convert Marine I under I-84 and w  Ensure adequate	Drive one-way southbound viden to five lanes.	d to two	∕o-way	Year of Cost Estimate:  Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	
Project Type: Operation Area Project Description  Purpose  JDE NUM  RTP Related  Recent Study	Road  Troutdale/TRIP  Convert Marine I under I-84 and w  Ensure adequate	Drive one-way southbound viden to five lanes. e long term interchange op	d to two	∕o-way	Year of Cost Estimate:  Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2007

Project Name: Riverside Drive Extension

Map ID:	88		Time Frame:	5	years	Total Cost:	\$4,500,000.00
Project Type:	Road					Year of Cost Estimate:	
Operation Area	Troutdale/TRIP					Federal:	
Project Description:	Riverside Dr. Exte collector standard	ensior ds.	n (190th) to Sandy Bh	lvd.); i	improve	to State:	
						<u>City:</u>	
Purnose:	Serve developing	indu	etrial parcels			SDC:	
	odive developing	maa	silia parocis.			Port Share Committed:	
JDE NUM:						Port Share	
RTP Related:						Forecasted: Private:	
Recent Study:							
•						Other:	
☐ Condition	ned Project		RTP 2025 Constrai	ined		<u>Unfunded:</u>	\$4,500,000.00
ldentifie	d in STIP		RTP 2025 Illustrati	evi		Estimate Rating:	
Project Name:	Sandy Blvd	. W	idening to 4 la	anes	<u>S</u>		
			<u> </u>				
Map ID:			Time Frame:		years	Total Cost:	\$26,040,578.00
Map ID: Project Type:	89 Road					Total Cost: Year of Cost Estimate:	\$26,040,578.00
Map ID: Project Type: Operation Area	89 Road Troutdale/TRIP		Time Frame:	10	years	Year of Cost Estimate: Federal:	\$26,040,578.00
Map ID: Project Type:	89 Road Troutdale/TRIP	n to 4	Time Frame:	10	years	Year of Cost Estimate: Federal:	\$26,040,578.00
Map ID: Project Type: Operation Area	89 Road Troutdale/TRIP Sandy Blvd. wide	n to 4	Time Frame:	10	years	Year of Cost Estimate: Federal:	\$26,040,578.00
Map ID: Project Type: Operation Area Project Description:	89 Road Troutdale/TRIP Sandy Blvd. wide 202nd) with sidev	en to 4 walks	Time Frame: I lanes and center ture and bike lanes.	10 irn lan	years ne (165th	Year of Cost Estimate: Federal: State: City:	\$26,040,578.00
Map ID: Project Type: Operation Area Project Description:	89 Road Troutdale/TRIP Sandy Blvd. wide 202nd) with sidev	en to 4 walks	Time Frame:	10 irn lan	years ne (165th	Year of Cost Estimate: Federal: State: City:	\$26,040,578.00
Map ID: Project Type: Operation Area Project Description:	89 Road Troutdale/TRIP Sandy Blvd. wide 202nd) with sidev Improve east wes property.	en to 4 walks	Time Frame: I lanes and center ture and bike lanes.	10 irn lan	years ne (165th	Year of Cost Estimate: Federal: State: City: SDC: Port Share	\$26,040,578.00
Map ID: Project Type: Operation Area Project Description: Purpose:	89 Road Troutdale/TRIP Sandy Blvd. wide 202nd) with sidev Improve east wes property.	en to 4 walks	Time Frame: I lanes and center ture and bike lanes.	10 irn lan	years ne (165th	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	\$26,040,578.00
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM:	89 Road Troutdale/TRIP Sandy Blvd. wide 202nd) with sidev Improve east wes property.	en to 4 walks	Time Frame: I lanes and center ture and bike lanes.	10 irn lan	years ne (165th	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	\$26,040,578.00
Map ID: Project Type: Operation Area Project Description: Purpose: JDE NUM: RTP Related: Recent Study:	89 Road Troutdale/TRIP Sandy Blvd. wide 202nd) with sidev Improve east wes property.	en to 4 walks	Time Frame: I lanes and center ture and bike lanes.	10	years ne (165th	Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	\$26,040,578.00 \$26,040,578.00

Project Name: Sandy Blvd. Widening to 3 lanes

Map II	D: 90	Time	Frame:	10	years	Total Cost:	\$7,438,000.00
Project Type:	Road					Year of Cost Estimate:	
Operation Area	a Troutdale/TRIP					Federal:	
Project Descriptio	n: Sandy Blvd. wide sidewalks and bi	en to 3 lanes	(207th to 238	Bth), a	ıdd	State:	
	SIDEWAIKS AND DI	Re lailes.				City:	
Durnaa	•					SDC:	
Purpos	e: Improve east we industrial propert		na serve aa <sub>l</sub> a	acent	develop	Port Share Committed:	
JDE NUI	vi:					Port Share	
RTP Relate	<b>d:</b> 2074					Forecasted: Private:	
Recent Stud	y:					Other:	
Cond.	itioned Project	✓ DTD 2	025 Constra	hank		Unfunded:	\$7,438,000.00
	fied in STIP		025 Ullustrat			Estimate Rating:	N/A
(2) 140/11		<u> </u>	220 111401141				
Project Name	: Revnolds S	ite Road	Access	(Sv	viaert	Wav)	
•				,		····	
, Map I			e Frame:		years	Total Cost:	\$4,696,000.00
	D: 91					Total Cost: Year of Cost	\$4,696,000.00 2007
Map I Project Type Operation Area	D: 91 Road Troutdale/TRIP	Time				Total Cost:	
Map I Project Type:	D: 91 Road Troutdale/TRIP	Time				Total Cost: Year of Cost Estimate:	
Map I Project Type Operation Area	D: 91 Road Troutdale/TRIP	Time				Total Cost: Year of Cost Estimate: Federal:	
Map I Project Type: Operation Area Project Descriptio	D: 91 Road Troutdale/TRIP n: Construct new ro	Time	e Frame:	5	years	Total Cost: Year of Cost Estimate: Federal: State: City: SDC:	
Map I Project Type: Operation Area Project Descriptio	D: 91 Road Troutdale/TRIP	Time	e Frame:	5	years	Total Cost: Year of Cost Estimate: Federal: State: City: SDC:	
Map I Project Type: Operation Area Project Descriptio	D: 91 Road Troutdale/TRIP n: Construct new ro	Time	e Frame:	5	years	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share	
Map I Project Type: Operation Area Project Descriptio Purpos	D: 91 Road Troutdale/TRIP n: Construct new ro e: Provide Troutdal	Time	e Frame:	5	years	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	
Map I Project Type: Operation Area Project Descriptio Purpos JDE NUI	D: 91 Road Troutdale/TRIP n: Construct new ro e: Provide Troutdal M: d:	Time	e Frame:	5	years	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private:	
Map I Project Type: Operation Area Project Description Purpos JDE NUI RTP Relate Recent Stud	D: 91 Road Troutdale/TRIP n: Construct new ro e: Provide Troutdal W: d:	Time padway. e Reynolds Ir	e Frame: ndustrial Park	5 c traffi	years c circulal	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted:	
Map I Project Type: Operation Area Project Description  Purpos  JDE NUI RTP Relate Recent Stud	D: 91 Road Troutdale/TRIP n: Construct new ro e: Provide Troutdal M: d:	Time	e Frame:	5 ctraffi	years c circulal	Total Cost: Year of Cost Estimate: Federal: State: City: SDC: Port Share Committed: Port Share Forecasted: Private: Other:	2007 \$4,696,000.00

## T2/Swan Island Area Projects

2008 Port Transportation Improvement Plan

#### **KEY TO FEATURES**

Priority/Non-Priority Projects

Rike/Ped

Road

I ITS

🚊 📵 Rail

→ Railroad

Freeways

Major Arterials

- Streets

Open Water

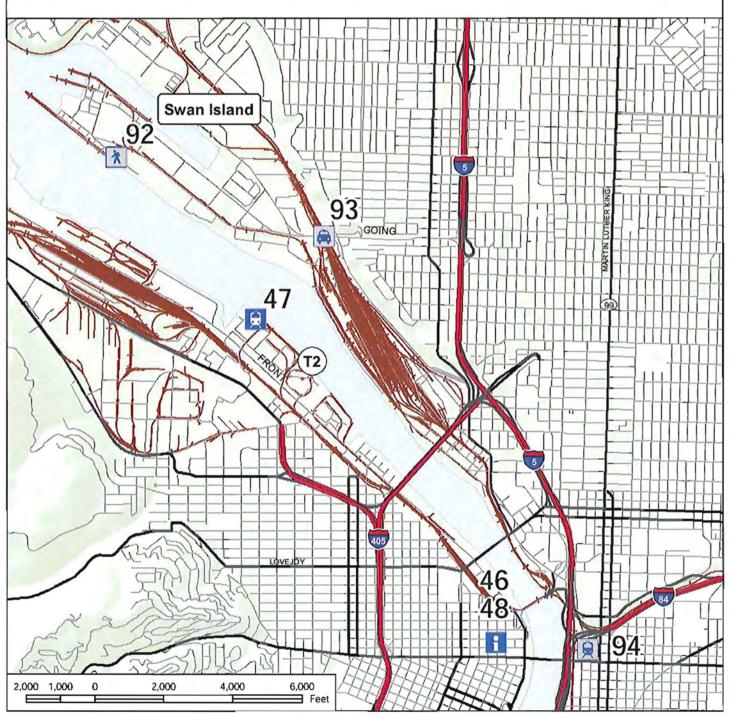
# Port of Portland

Marine & Industrial Development Department Corporate Planning Section PO. Box 3529 Portland, OR 97209 503-944-7613



Numbers refer to map number in document.

Base Data Source: METRO RLIS, 2007. PTIP Data: Port of Portland



### T2/SWAN ISLAND AREA PROJECTS

Project Name: North Willamette Greenway Trail

Map ID:	92	Time Frame:	20 years	Total Cost:	\$200,000.00
Project Type:	Bike/Ped			Year of Cost Estimate:	2007
Operation Area	T2/Swan Island			Federal:	2007
Project Description:	Pedestrian and bicy	cle trail from the St. Jo	hns Bridge to	the State:	
	Steel Bridge along to	ne Willamette River.		City:	
				SDC:	
Purpose:	Improve pedestrian Portland.	and bicycle connectivi	ty in North	Port Share Committed:	
JDE NUM:				Port Share Forecasted:	
RTP Related:	1147			Private:	
Recent Study:				Other:	
☐ Condition	oned Project	RTP 2025 Constra	ained	<u>Unfunded:</u>	\$200,000.00
	d in STIP	RTP 2025 Illustrat	ive	Estimate Rating:	
Project Name:	Going St. Rai	l-Overcrossing	Improve	<u>ment</u>	
Map ID:	93	Time Frame:	5 years	Total Cost:	\$3,000,000.00
Project Type:	Road			Year of Cost Estimate:	
Operation Area	T2/Swan Island			Federal:	
Project Description:	Widen intersection a structure.	and add additional eas	tbound lane o	State:	\$3,000,000.00
				<u>City:</u>	
Purpose:	Provide through mo	vement capacity for tra	affic entering a	SDC:	
·	exiting Swan Island.			Port Share Committed:	
JDE NUM:				Port Share Forecasted:	
RTP Related:	1109			Private:	
Recent Study:	Swan Island Transp	ortation Analysis (1995	5)	Other:	
☐ Condition					
	ned Project	RTP 2025 Constr	ained	<u>Unfunded:</u>	

### T2/SWAN ISLAND AREA PROJECTS

Project Name: Graham Line Connection

Map ID:	94		Time Frame:	5	years	Total Cost:	\$15,000,000.00
Project Type:	Rail					Year of Cost Estimate:	2006
Operation Area	T2/Swan Island					Federal:	
Project Description:	Graham Line, whi	ch ru	ns parallel with I-84 t	hrou	gh		
	Sullivans Gulch a line through Portla		e Brooklyn Sub, UP's	nort	h-south	City:	
Purpose:	This connection v	vill allo	ow UP rail traffic ente	ering	Portland	SDC:	
	Graham Line. Cu	rrently	outh onto the Brookly y UP rail traffic enterinding to head south of	ng Po	ortland	Port Share Committed:	
	travel through the Brooklyn Sub nor	Penir	iton Line to Peninsula nsula Tunnel to conn Albina Yard. This pro crease system capac	ect v	vith the	Port Share Forecasted:	
JDE NUM:							
RTP Related:						Private:	
Recent Study:	I-5 Rail Capacity	Study	(HDR, 2003)			Other:	
☐ Condition	oned Project		RTP 2025 Constra	ined		<u>Unfunded:</u>	\$15,000,000.00
Identifie	d in STIP		RTP 2025 Illustrati	ve	<u>E</u> :	stimate Rating:	N/A

### 2008 Priority Marine Terminal Capital Project List

Project	Description	Cost	Readiness	Strategic Impact
Terminal 6 Container Crane Purchase (Crane #6381) Project #(s): 100364, 100841	Purchase of one post-panamax container crane to permit the efficient handling of larger container ships. Includes required electrical upgrades to the dock. This crane will bring the number of post-panamax cranes at Terminal 6 to four.	\$10.9 million	The crane is scheduled for delivery in 2008. This project has received \$7.5 million in ConnectOregon funding.	Critical to meeting customer requirements.  810 jobs generated per weekly container service.  Direct Portland service saves Oregon shippers more than \$50 million annually.
Terminal 6 Optical Character Recognition Project #(s): 100840, 100532	Purchase and install OCR (Optical Character Recognition) software and hardware. Construct two buildings for housing the OCR hardware and associated infrastructure. Install License Plate OCR cameras on gate pedestals and integrate into Terminal Operating System.	\$2.7 million	This project is open and is in the construction phase. Target completion date is December 2007.	This project will automate data capture at the truck gates, increasing operational efficiency.
Terminal 6 Wireless Network and Mobile Data Units Project #(s): 100351	Install a wireless network covering the Terminal 6 facility and provide new mobile data units (MDUs) to send data over that network.	\$300,000	An assessment and alternative study is complete. Project is now in preliminary design.	This project will improve operational efficiencies associated with day to day activities at Terminal 6.
Terminal 6 Berth Deepening and Scour Protection Project #(s): 100194	Design, permitting, and construction of the scour protection and deepening of Terminal 6 container berths.	\$3.4 million	The installation of scour protection is complete. The berth deepening portion of the project will start in November 2007 and will be completed in February 2008.	The berth deepening, which is a key component of the Channel Improvement Project, will permit better utilization of vessels calling Terminal 6. The scour protection will protect the Port's investment in the dock structure.
Marine Access Control and Surveillance Project #(s): 100344	Install new security gate systems at Terminals 4 and 6; install or upgrade remote access gates, fencing improvements; install or upgrade of CCTV systems, and video analysis/policy management software.	\$3.4 million	The project is open and is presently under construction. Project completion is targeted for December 2007.	This project will strengthen entry gate and perimeter access controls and enhance CCTV surveillance capabilities at Terminals 4 and 6.

Project	Description	Cost	Readiness	Strategic Impact
T-6 Crane Rail Improvements and Tie Backs	Design, permit, and construct additional crane rail tie-backs to Berth 604 east and Berth 605, and add 100' crane rail to Berth 604 west.	\$4.6 million	Preliminary engineering has been completed. Final design and construction is contingent on business need.	This project will improve the strength of the dock and provide the crane rail necessary to handle two post-panamax vessels simultaneously, protecting existing investments and providing long-term access to markets to regional shippers.
Terminal 6 Container Dock Extension	Extension of Berth 605 upstream by 600 feet or more to facilitate handling of longer container vessels. Also includes the extension of the 100-ft gauge crane rail.	\$19.5 million	The pre-design for these improvements has been completed as part of the Terminal 6 Berth Improvement Study. Execution of this project is contingent upon the business situation.	Modern container vessels are not only deeper and wider, they are also longer. This project will lengthen the berths, preserving Terminal 6 as a three-berth facility capable of handling the longer vessels.
Terminal 6 Additional Post- Panamax Cranes	Acquisition of two additional post-panamax cranes (#6382 and #6382) to make Terminal 6 a two-berth post-panamax facility	\$20.0 million	Purchase of the additional cranes will be phased according to business need and availability of funding.	This project would provide Portland with a two-berth post-panamax vessel capability. It anticipates the eventual need to serve multiple post-panamax vessel strings at Terminal 6.
Terminal 6 Yard Equipment (New) Project #(s): 100944, 100529	Purchase eight (8) container chassis and three (3) reachstackers.	\$1.75 million	Implementation of this project is contingent on business need and funding.	The project uses newer container chassis that allow for a decrease in vessel turn around time. The new reachstackers will increase operating hours between down times for maintenance, and will also produce fewer air emissions than the equipment they will replace.
Terminal 6 Container Crane Modernization Project #(s): 100952, 100953	On Crane 6379, upgrade electronics and provide new programmable logic controllers for the motor drives. On Crane 6378 (heavy lift crane) upgrade the electronics, provide new PLCs to control motor drives. Relocate in the line-up and paint the trolley girder beam. On Cranes 6373, 6374, and 6375, upgrade the computer systems and software.	\$4 million	Implementation of this project is contingent on business need and funding.	This project will modernize some of the Port's older container cranes and thereby improve efficiencies in the transfer of containerized cargo between four modes of transportation: ocean vessel, rail, truck, and river barge.

Project	Description	Cost	Readiness	Strategic Impact
Terminal 6 Honda Facility Upgrade Project #(s): 100304, 100323, 100324	This program will cover three distinct projects: 1) Berth 607 dock modifications; 2) rail ramp expansion; and 3) a type, size, and location study for a rail crossing at Terminal 6.	\$10.2 million	A new lease with Honda was approved by the Port Commission in October 2004. The dock project is currently open and work is underway. The rail crossing study is complete. Construction of the rail crossing is contingent on business need.	The project is needed to meet customer requirements.  Approximately 200 direct jobs are generated by the Honda operation.  Overall Terminal 6 generates 1,500 direct jobs.
Terminal 4 Automobile Yard Expansion Project #(s): 100769	Design and construct 6 acres of porous pavement parking for the storage of imported automobiles.	\$2.5 million	Design is 90% complete.	The project will provide additional land to meet auto storage capacity needs of Toyota, in furtherance of the Port's automobile import line of business.  Toyota employs 200+ persons.
Terminal 4 Barge Facility Relocation Project #(s): 100472	Design and construct a new barge receiving facility for the Terminal 4 grain facility. Slip 1, the location of the existing barge facility, will potentially be used as a confined disposal facility as part of the Terminal 4 Early Action Sediment Clean-up rendering the existing barge facility unusable.	\$8.0 million	Relocation of the barge receiving facility is contingent upon the closure of Slip 1 and the resumption of grain operations at Terminal 4.	Approximately 40 to 50 percent of all wheat and barley exported from the Columbia\Willamette river system is delivered to the export terminal by barge. This includes wheat grown by Oregon grain growers. A barge facility is a critical component to the operations of the Terminal 4 grain elevator.
Berth 503 Dock Rehabilitation Project #(s): 100829	Repair the priority components of the Berth 503 to address advanced corrosion on the girders and beams which support the dock structure.	\$4.7 million	The project is open and work has begun.	This project makes significant and necessary life-extending repairs to Berth 503 to keep the structure serviceable for the next 30 years.

Project	Description	Cost	Readiness	Strategic Impact
Berth Deepening: Berths 401, 501, and 503 Project #(s): 100863, 100860, and 100861	Deepen berths at Terminal 4 and Terminal 5 to allow deeper draft vessels to transit the planned 43-foot channel.	\$1.6 million	The projects to deepen Berths 501 and 503 are now open and preliminary permitting efforts are underway. Berth 401 deepening is contingent upon business need.	The deeper berths will allow better utilization of panamax-class bulk vessels.
Portland Bulk Terminal 4th Rail Loop Project #(s): 100956	Design and construct a fourth rail loop within Portland Bulk Terminal's potash export facility at Terminal 5.	\$7 million	This project is contingent upon business need.	The project will increase the throughput capacity by facilitating the receipt and dispatch of unit trains.
Terminal 4 Pipeline Infrastructure Project #(s): 100955	Design and construct a common-user pipeline corridor to Berth 401 for the transport of liquid bulks to and from ships and barges.	\$5.6 million	This project is contingent upon business need and funding.	The pipeline infrastructure would serve as many as four tenants at Terminal 4. Total related employment is approximately 100 jobs.
Terminal 2 Rail Improvements	Design and construct an extension of the rail tracks serving Warehouse 205 to connect to the downstream end of the Terminal 2 rail loop. The project would also install a new rail scale.	\$1.5 million	This project is contingent upon business need and funding.	The project will improve rail service options and capacity within Terminal 2.

## **Aviation External Funding Project List**

Project	JDE Project #	Description	Cost	Readiness
TTD relocation of Taxiway B, Phase 1 & 2	100282 100281	In order to comply with new FAA requirements for distances between taxiways and runways, Taxiway B at Troutdale airport needs to be relocated 50 feet to the south. If the taxiway is not relocated, the FAA could restrict the size of aircraft that can land and take off at Troutdale or disallow future grants to the airport.	\$2.2M	Design to begin in June 2007 through April 2008. Construction during Summer of 2008 and 2009, May through October.
HIO High Speed Exits	100464	Hillsboro's runway system is currently at 107% capacity. The high speed exits constructed on the airport's longest runway will allow landing aircraft to exit the runway faster. This will help to relieve a portion of the over capacity of the airport system until a third runway is constructed in 2010 and 2011.	\$2.43M	Design underway to be completed in April of 2007. Construction during Summer 2007, May through November.
HIO Taxiway A3 extension	100655	Hillsboro's runway system is currently at 107% capacity. The extension of Taxiway A3 constructed near the airport's longest runway in coordination with the high speed exits will allow aircraft to exit the runway faster. This will help to relieve a portion of the over capacity of the airport system until a third runway is constructed in 2010 and 2011.	\$2.2M	Design to begin in June 2007 through April 2008. Construction during Summer of 2008 and 2009, May through October.

Project	JDE Project#	Description	Cost	Readiness
PDX ITS	100680	Improve traveler information and automated vehicle identification system.	\$1M	
PDX North Runway rehabilitation	100334	Rehabilitation of the north runway is a periodic effort (every 12 years) to keep the runway in safe operating condition for aircraft.	\$11.2M	Design to begin in June of 2008 through April of 2009. Construction during Summer 2009, May through October.
PDX North Runway Extension	100334	In order to preserve international service and domestic long haul routes to the Portland metropolitan region, an extension to the north runway is necessary to accommodate the larger aircraft when the south runway is closed for the summer in 2011. These larger aircraft require a runway longer than the 8000' north runway. Currently these aircraft exclusively use the south runway for take off which is 11,000 feet in length.	\$61M	Design to begin in June of 2009 through April of 2010. Construction during Summer 2010, May through November.
Mulino Airport Development Improvements	N/A	Construct a fueling system, hangars, and private access drive to serve parcels that can be redeveloped.	\$2.2M	Construction can begin starting in 2008.