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# Capital Improvement Plan Detail





## **Organizational unit summaries and analysis**

A capital project is defined in Metro's capital improvement plan (CIP) as any physical asset acquired or constructed by Metro with a total capital cost of \$100,000 or more and a useful life of at least five years. The CIP for the next five years, FY 2013-14 through FY 2017-18, includes 163 projects with anticipated new spending of \$189.5 million.

This section contains capital improvement plan project summaries for each department, including the funding source for each project.

### **Total projects summary by year**

Each section begins with a complete listing of the projects contained in the current capital budget. The chart shows the expected expenditures by year; the total of all years, including prior years, and the five-year total.

### **Overview of projects**

The narrative addresses significant issues regarding each unit's capital budget. The overview includes information about new projects that are in the capital budget proposal and may address changes in timing and scope of projects previously listed.

### **Project funding**

This section of the narrative discusses the sources of funding for the various projects and any significant funding issues. The contribution to the General Renewal and Replacement Account increases each fiscal year for the existing assets. When significant new assets are added, the contribution to this fund also increases. Beginning in FY 2013-14 the standard 2 percent increase in the renewal and replacement contribution is expected to increase 0.25 percent each fiscal year until it reaches 3 percent.



**Finance and  
Regulatory  
Services**



## Total projects summary by year

	ID	Prior Years	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	Total
<b>SOLID WASTE GENERAL ACCOUNT</b>								
Solid Waste Information System (SWIS)	65720	825,000	180,000	0	0	0	0	1,005,000
<b>TOTAL SOLID WASTE GENERAL ACCOUNT</b>		<b>825,000</b>	<b>180,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,005,000</b>
<b>SOLID WASTE RENEWAL AND REPLACEMENT ACCOUNT</b>								
Enforcement Vehicle Replacement	76856	60,000	60,000	30,000	30,000	30,000	30,000	240,000
<b>TOTAL SOLID WASTE RENEWAL AND REPLACEMENT ACCOUNT</b>		<b>60,000</b>	<b>60,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>240,000</b>
<b>TOTAL FINANCE AND REGULATORY SERVICES</b>		<b>885,000</b>	<b>240,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>1,245,000</b>
<b>FIVE YEAR TOTAL, FY 2013-14 THROUGH FY 2017-18</b>	<b>360,000</b>		<b>Total Number of Projects 2</b>					

## Major funding sources

	Prior Years	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18
Fund Balance- Capital Reserve	825,000	180,000	0	0	0	0
Fund Balance- Renewal and Replacement	60,000	60,000	30,000	30,000	30,000	30,000
<b>Total- Finance and Regulatory Services</b>	<b>885,000</b>	<b>240,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>

Finance and Regulatory Services' responsibilities include management of solid waste rate setting, regional solid waste enforcement efforts, agency financial management and management of the General Asset Management Fund.

### **OVERVIEW OF PROJECTS**

The Solid Waste Information System (SWIS) project to streamline the data gathering function of the solid waste disposal system was implemented on July 1, 2012. Phase II of the project, to be implemented in FY 2013-14, will improve management reporting and create additional program efficiencies. The enforcement division of Finance and Regulatory Services maintains a replacement schedule for vehicles and typically replaces one vehicle each year; in FY 2013-14, two vehicles will be replaced.

### **PROJECT FUNDING**

The SWIS project is funded by the Solid Waste and Recycling General Account. Projects financed through this account are typically new capital assets designed to increase the efficiency and effectiveness of Metro's solid waste disposal system. The enforcement vehicles are funded by the Solid Waste and Recycling Renewal and Replacement Account when scheduled replacements are purchased.

### **OPERATIONAL IMPACTS**

Operational efficiencies are expected from the SWIS project, but they have not been quantified. Staff will be able to direct more time to analysis and less time to data management.



# Information Services



## Total projects summary by year

	ID	Prior Years	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	Total
<b>GENERAL FUND</b>								
Metro Web	65663	160,175	431,930	0	0	0	0	592,105
<b>TOTAL GENERAL FUND</b>		<b>160,175</b>	<b>431,930</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>592,105</b>
<b>GENERAL FUND RENEWAL AND REPLACEMENT</b>								
Information Technology R&R Projects < \$100,000			176,003	269,722	285,913	195,704	432,301	1,359,643
Data Center	01514	206,200	80,300	0	0	0	0	286,500
Peoplesoft Upgrades (Regularly Scheduled)	65612	248,170	209,660	138,753	0	144,359	0	740,942
<b>TOTAL GENERAL FUND RENEWAL AND REPLACEMENT</b>		<b>454,370</b>	<b>465,963</b>	<b>408,475</b>	<b>285,913</b>	<b>340,063</b>	<b>432,301</b>	<b>2,387,085</b>
<b>TOTAL INFORMATION SERVICES</b>		<b>614,545</b>	<b>897,893</b>	<b>408,475</b>	<b>285,913</b>	<b>340,063</b>	<b>432,301</b>	<b>2,979,190</b>
<b>FIVE YEAR TOTAL, FY 2013-14 THROUGH FY 2017-18</b>		<b>2,364,645</b>	<b>Total Number of Projects 4</b>					

## Major funding sources

	Prior Years	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18
Fund Balance	160,175	431,930	0	0	0	0
Fund Balance- Renewal and Replacement	454,370	465,963	408,475	285,913	340,063	432,301
<b>Total- Information Services</b>	<b>614,545</b>	<b>897,893</b>	<b>408,475</b>	<b>285,913</b>	<b>340,063</b>	<b>432,301</b>

The Information Services capital budget includes most agency-wide hardware and applications. Applications and hardware specific to individual programs are found with those programs.

### **OVERVIEW OF PROJECTS**

The FY 2013-14 through FY 2017-18 Information Services capital budget contains four projects; three are scheduled renewal and replacement projects, including the completion of the relocation of Metro's Data Center to the Oregon Convention Center. Also included is the second and final year of the conversion of the Metro website to the Drupal platform. This project, budgeted as a general expense in the General Fund, has been co-managed by Communications and Information Services.

Renewal and replacement projects support preservation of Metro's various technology systems and servers and include upgrades to business software.

### **PROJECT FUNDING**

Projects for agency-wide applications are generally funded by cost allocation transfers from the participating funds into the General Asset Management Fund. The two-year web project is an exception and is located in the General Fund to capture both capital and non-capital costs in a single location.

### **OPERATIONAL IMPACTS**

The operational impact for most of these projects is the ongoing cost to fund renewal and replacement.



# **Parks and Environmental Services**



## Total projects summary by year

	ID	Prior Years	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	Total
<b>MRC GENERAL FUND RENEWAL AND REPLACEMENT</b>								
Property Services R&R Projects < \$100,000			177,916	134,137	0	123,100	77,600	512,753
PES Fleet	70001		105,037	144,268	26,994	79,255	336,752	692,306
Metro Regional Center Roof Replacement	01320	0	512,404	0	0	0	0	512,404
Central Environmental System	TBD	0	0	126,800	0	0	0	126,800
MRC Daycare Carpets	TBD	0	0	0	156,000	0	0	156,000
Rooftop Air Handler RAC 1	TBD	0	0	0	250,000	0	0	250,000
Rooftop Air Handler RAC 2	TBD	0	0	0	175,000	0	0	175,000
Rooftop Air Handler RAC 3	TBD	0	0	0	0	0	125,000	125,000
<b>TOTAL MRC GENERAL FUND RENEWAL AND REPLACEMENT</b>		<b>0</b>	<b>795,357</b>	<b>405,205</b>	<b>607,994</b>	<b>202,355</b>	<b>539,352</b>	<b>2,550,263</b>
<b>REGIONAL PARKS SPECIAL ACCOUNTS FUND</b>								
Oxbow Park Improvements	70207	0	364,778	0	0	0	0	364,778
<b>TOTAL REGIONAL PARKS SPECIAL ACCOUNTS FUND</b>		<b>0</b>	<b>364,778</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>364,778</b>
<b>REGIONAL PARKS CAPITAL FUND</b>								
Glendoveer Golf Course Improvements	GF104	70,000	261,000	0	0	0	0	331,000
Oxbow Erosion Reconstruction	70213	0	148,250	0	0	0	0	148,250
<b>TOTAL REGIONAL PARKS CAPITAL FUND</b>		<b>70,000</b>	<b>409,250</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>479,250</b>
<b>PARKS GENERAL FUND RENEWAL AND REPLACEMENT</b>								
Parks R&R Projects < \$100,000			538,984	992,202	183,893	81,580	173,491	1,970,150
Blue Lake Trail	70234	0	195,595	0	0	0	0	195,595
Oxbow Park Gravel Roads	TBD	0	0	303,250	0	0	0	303,250
Glendoveer Golf Cart Path	TBD	0	0	160,000	0	0	0	160,000
Wrought Iron Fencing at Lone Fir	TBD	0	0	102,000	0	0	0	102,000
Paving at Blue Lake Park	TBD	0	0	206,500	0	0	0	206,500
Chinook Landing Boarding Dock and Steel Pilings	TBD	0	0	0	140,599	0	0	140,599
Chinook Landing Asphalt Pavement (5.2 acres)	TBD	0	0	0	0	270,700	0	270,700
<b>TOTAL PARKS GENERAL FUND RENEWAL AND REPLACEMENT</b>		<b>0</b>	<b>734,579</b>	<b>1,763,952</b>	<b>324,492</b>	<b>352,280</b>	<b>173,491</b>	<b>3,348,794</b>
<b>SOLID WASTE GENERAL ACCOUNT</b>								
Solid Waste General Account Non CIP Projects			280,000	175,000	10,000	10,000	10,000	485,000
Metro Central Organics/Food Handling Area Improvements	76872	230,000	150,000	0	0	0	0	380,000
Metro Central Storm Water Improvements	76873	25,000	400,000	0	0	0	0	425,000
Improvements to Metro South truck entrance/exit	76840	0	100,000	0	0	0	0	100,000
Metro South Camera Expansion	77102	0	100,000	0	0	0	0	100,000
Metro South Rainwater Harvesting	77101	0	10,000	90,000	0	0	0	100,000
Metro South Storm Water Treatment	77104	0	50,000	250,000	0	0	0	300,000
Metro Central Camera Expansion	77106	0	100,000	0	0	0	0	100,000
Disposal System (Road Map) Software	65770		150,000	0	0	0	0	150,000
Reader Board at Metro South Entrance	76833	0	0	200,000	0	0	0	200,000
Future Master Facility Plan Improvements	TBD	0	0	400,000	1,000,000	1,000,000	1,000,000	3,400,000
<b>TOTAL SOLID WASTE GENERAL ACCOUNT</b>		<b>255,000</b>	<b>1,340,000</b>	<b>1,115,000</b>	<b>1,010,000</b>	<b>1,010,000</b>	<b>1,010,000</b>	<b>5,740,000</b>
<b>SOLID WASTE LANDFILL CLOSURE ACCOUNT</b>								
St. Johns - Perimeter Dike Stabilization and Seepage Control	76986	763,283	3,000	3,000	0	0	0	769,283
St. Johns - Landfill Remediation	76995	0	1,000,000	1,000,000	0	0	0	2,000,000
SJLF- adapting flares to lower gas flow rates	77001	0	5,000	100,000	0	0	0	105,000
SJLF- Replace PLC and data device	77002	0	45,000	0	0	0	0	45,000
<b>TOTAL SOLID WASTE LANDFILL CLOSURE ACCOUNT</b>		<b>763,283</b>	<b>1,053,000</b>	<b>1,103,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,919,283</b>
<b>SOLID WASTE RENEWAL AND REPLACEMENT ACCOUNT</b>								
SW Renewal and Replacement Acct Non CIP			675,595	300,000	380,000	300,000	300,000	1,955,595
Metro Central - Replace Slow Speed Shredder	76889	0	50,000	550,000	0	0	0	600,000
Metro South - Modify Entry Way to Ops Bldg.	76842	0	175,000	0	0	0	0	175,000
Metro Central- Floor Repairs	76898	0	150,000	0	0	0	0	150,000
Metro South HHW Roof	76876	0	0	175,000	0	0	0	175,000
Metro South Bays -1 & 2 Ventilation System	76836	0	0	0	105,000	0	0	105,000
Metro Central - Compactor #3	TBD	0	0	0	0	1,400,000	0	1,400,000
Metro South - Compactor #2	TBD	0	0	0	0	1,000,000	0	1,000,000
Metro Central - Compactor #1	TBD	0	0	0	0	0	1,400,000	1,400,000
Metro Central- Conveyor #1	TBD	0	0	0	0	0	400,000	400,000
Metro South - Compactor #1	TBD	0	0	0	0	0	1,000,000	1,000,000
<b>TOTAL SOLID WASTE RENEWAL AND REPLACEMENT ACCOUNT</b>		<b>0</b>	<b>1,050,595</b>	<b>1,025,000</b>	<b>485,000</b>	<b>2,700,000</b>	<b>3,100,000</b>	<b>8,360,595</b>
<b>TOTAL PARKS AND ENVIRONMENTAL SERVICES</b>		<b>1,088,283</b>	<b>5,747,559</b>	<b>5,412,157</b>	<b>2,427,486</b>	<b>4,264,635</b>	<b>4,822,843</b>	<b>23,762,963</b>
<b>FIVE YEAR TOTAL, FY 2013-14 THROUGH FY 2017-18</b>	<b>22,674,680</b>		<b>Total Number of Projects 45</b>					

## OVERVIEW OF PROJECTS

### General Renewal and Replacement

Of the 19 projects for Parks and Property Management and Property Services, all but three are scheduled renewal and replacement projects. The largest projects are fleet purchases and the replacement of the roof at the Metro Regional Center. Projects are funded primarily by the renewal and replacement reserve. The General Fund will also fund a review of Oxbow Park to determine how to respond to the continuing erosion at the park and to update the 1997 master plan and plan for the park's future. This project is carried forward from FY 2012-13. The Council must approve the master plan and any projects prior to expenditure of these funds.

### Solid Waste Revenue Fund

Projects for the Solid Waste Operating program fall into three categories:

#### General Account

Projects financed through the Solid Waste General Account are typically new capital assets designed to increase the efficiency and effectiveness of Metro's two transfer stations: Metro Central and Metro South. The majority of these projects are outlined in detail in a Master Facility Plan for the transfer stations, last updated in FY 2008-09. The Master Facility Plan and this capital budget are based on the following goals:

- Improve waste recovery and recycling.
- Reduce traffic congestion and improve site safety.
- Maximize station efficiencies.
- Improve facilities for Metro and station operator personnel.

The current five-year plan includes 11 General Account projects. The largest project planned for FY 2013-14 is the Metro Central Storm Water Improvements project.

#### Landfill Closure

The St. Johns Landfill Account is restricted to financing capital projects needed to close the St. Johns Landfill and maintain post-closure performance standards. The projects in the capital budget represent a series of improvements that are needed to minimize erosion damage, restore native vegetation, provide wastewater pretreatment, repair the landfill cover and dike systems and provide adequate facilities for staff.

#### Renewal and Replacement Account

Projects financed through the Renewal and Replacement Account are replacements of equipment and rehabilitation of facilities necessary to realize the optimal lifespan of capital components. Every three years the program contracts with an engineering firm to assess the condition of equipment and facilities and calculate annual contribution amounts to the Renewal and Replacement Account. The latest study was performed in FY 2011-12 in conjunction with a Metro-wide renewal and replacement study. The largest projects in the current five-year plan are multiple compactor replacements scheduled for the last two years of the plan.

## Major funding sources

	Prior Years	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18
Fund Balance- Renewal and Replacement	0	2,580,531	3,194,157	1,417,486	3,254,635	3,812,843
Grants	0	73,250	0	0	0	0
Fund Balance- Capital Reserve	325,000	2,040,778	1,115,000	1,010,000	1,010,000	1,010,000
Fund Balance- Landfill Closure	763,283	1,053,000	1,103,000	0	0	0
<b>Total- Parks and Environmental Services</b>	<b>1,088,283</b>	<b>5,747,559</b>	<b>5,412,157</b>	<b>2,427,486</b>	<b>4,264,635</b>	<b>4,822,843</b>

## **MAJOR FUNDING SOURCES**

Most capital projects associated with Parks and Property Management have been funded with renewal and replacement reserves, grants funds matched with General Fund dollars or special one-time appropriations such as the FY 2012-13 appropriations for Oxbow Park. Primary financing for Solid Waste Operations projects is derived from reserves established for that purpose.

**Parks and  
Natural  
Areas Local  
Option Levy**



## Total projects summary by year

	ID	Prior Years	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	Total
<b>PARKS LEVY FUND</b>								
Parks Levy R&R < \$100,000			315,000	560,000	555,000	90,000		1,520,000
Blue Lake Entry Drive/Booth Renovation	LI200	0	200,000	0	0	0	0	200,000
Blue Lake Native Landscaping Upgrades	LI201	0	100,000					100,000
Blue Lake Sports Feature Renovations	TBD	0		200,000				200,000
Blue Lake Traffic/Parking Improvements	TBD	0		200,000				200,000
Blue Lake Playground/Restroom Renovations	TBD	0		850,000				850,000
Blue Lake Office/Maintenance Bldg. Renovations	TBD	0		500,000				500,000
Blue Lake Boat Concession Renovation	TBD	0			125,000			125,000
Blue Lake Pathway Renovations	TBD	0			150,000			150,000
Blue Lake Solar Power Installation	TBD	0			100,000			100,000
Blue Lake Utility Replacements	TBD	0			350,000			350,000
Blue Lake Swim Beach/Restroom Renovation	TBD	0			350,000			350,000
Blue Lake Additional Permanent Shelters	TBD	0			250,000			250,000
Blue Lake Drainage Improvements	TBD	0				100,000		100,000
Oxbow Play Area Renovations	LI003	0	200,000					200,000
Oxbow Maintenance Area Reconfiguration	TBD	0		250,000				250,000
Oxbow Office/Residence Renovation	TBD	0		200,000				200,000
Oxbow Restroom Construction	TBD	0		125,000				125,000
Oxbow Fire Road Repairs	TBD	0			100,000			100,000
Oxbow Cabins	TBD	0			200,000			200,000
Oxbow Additional Group Camp	TBD	0				125,000		125,000
Howell Shelter	TBD	0			120,000			120,000
Gleason- Broughton Beach Improvements	TBD	0			100,000			100,000
Gleason Entrance Booth/Gate	TBD	0			100,000			100,000
Sauvie Island Boat Ramp Dock Replacement	TBD	0		125,000				125,000
Smith and Bybee Ramp and Pathway Renovations	TBD	0		100,000				100,000
Sustainability Center Projects, TBD	TBD	0	750,000	750,000	750,000	750,000	750,000	3,750,000
<b>TOTAL PARKS LEVY</b>		0	1,565,000	3,860,000	3,250,000	1,065,000	750,000	10,490,000
<b>FIVE YEAR TOTAL, FY 2013-14 THROUGH FY 2017-18</b>		<b>10,490,000</b>		<b>Total Number of Projects 27</b>				

## Major funding sources

	Prior Years	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18
Local Options Levy	0	1,565,000	3,860,000	3,250,000	1,065,000	750,000
<b>Total- Parks and Natural Areas Levy</b>	<b>0</b>	<b>1,565,000</b>	<b>3,860,000</b>	<b>3,250,000</b>	<b>1,065,000</b>	<b>750,000</b>

# **Parks and Natural Areas Local Option Levy**

The voter-approved Parks and Natural Areas Local Option Levy provides funding to complete capital and renewal and replacement projects at Metro's parks and natural areas.

## **OVERVIEW OF PROJECTS**

The FY 2013-14 through FY 2017-18 Parks and Natural Areas Levy capital budget contains 27 projects. The largest project over the five-year plan is the renovation of the playground and restroom at Blue Lake Park. The largest projects in FY 2013-14 are the renovation of the Blue Lake entry drive and renovations to the play area at Oxbow Park.

## **PROJECT FUNDING**

All funding in the five-year plan is from the proceeds of the Parks and Natural Areas Local Option Levy.



# Sustainability Center



## Total projects summary by year

	ID	Prior Years	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	Total
<b>NATURAL AREAS FUND</b>								
Natural Areas Acquisition		82,830,000	20,000,000	5,000,000	5,000,000	4,000,000	0	116,830,000
40 Mile Loop Trail Construction	71730	0	1,087,760	0	0	0	0	1,087,760
Natural Areas Information System (Terramet) Phase III	52004	650,000	350,000	0	0	0	0	1,000,000
<b>TOTAL NATURAL AREAS FUND</b>		<b>83,480,000</b>	<b>21,437,760</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>4,000,000</b>	<b>0</b>	<b>118,917,760</b>
<b>REGIONAL PARKS CAPITAL FUND</b>								
Canemah Bluff Phase I (Carryforward)	70494	44,000	75,000	0	0	0	0	119,000
Canemah Bluff Phase II	70495	0	139,681	0	0	0	0	139,681
<b>TOTAL REGIONAL PARKS CAPITAL FUND</b>		<b>44,000</b>	<b>214,681</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>258,681</b>
<b>TOTAL SUSTAINABILITY CENTER</b>		<b>83,524,000</b>	<b>21,652,441</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>4,000,000</b>	<b>0</b>	<b>119,176,441</b>
<b>FIVE YEAR TOTAL, FY 2013-14 THROUGH FY 2017-18</b>	<b>35,652,441</b>		<b>Total Number of Projects 5</b>					

## Major funding sources

	Prior Years	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18
G.O. Bonds- Natural Areas	83,480,000	20,602,050	5,000,000	5,000,000	4,000,000	0
Fund Balance- Capital Reserve	44,000	214,681	0	0	0	0
Grants	0	835,710	0	0	0	0
<b>Total- Sustainability Center</b>	<b>83,524,000</b>	<b>21,652,441</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>4,000,000</b>	<b>0</b>

The Sustainability Center capital projects include the acquisition of natural areas and the planning and development of new facilities for the parks system.

## **OVERVIEW OF PROJECTS**

This capital plan includes the acquisition of natural areas, planning and supervision of the construction of a segment of the 40-mile Loop Trail at Blue Lake Park and the next phase of Terramet, the database that manages acquired property information.

## **PROJECTS FUNDING**

The land purchases and information system are funded by the Natural Areas Bond Fund. The 40-mile Loop Trail Project, if it is able to proceed, will be funded by the Oregon Department of Transportation (77 percent) and Metro match (23 percent). Metro will supervise this project with expenditures being paid directly by ODOT. At the project's conclusion, the value will be booked as a Metro asset. The Canemah Bluff projects are funded by capital fund balance.

## **OPERATIONAL IMPACTS**

Operating costs include a component for renewal and replacement where appropriate and the expected operating costs of the new parks.



# Visitor Venues





Metro's Visitor Venues include the Oregon Convention Center (OCC), the Portland Center for the Performing Arts (PCPA), the Portland Exposition Center (Expo), and the Oregon Zoo. Consolidated in July 2010 to enhance collaboration on operational issues, the team actively works toward a common mission of maintaining world-class gathering and entertainment spaces.

## **Visitor Venues**

## OCC Total projects summary by year

	ID	Prior Years	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	Total
<b>MERC FUND</b>								
OCC - Original Roof Replacement	8R031	100,000	1,180,000	1,500,000	0	0	0	2,780,000
OCC - Replacement Dance Floors	8R051	0	126,000	0	0	0	0	126,000
OCC - Audio/Visual Equipment	8N022	0	100,000	0	0	0	0	100,000
OCC - Portland Ballroom Can Lighting Replacement	8R053	0	112,000	0	0	0	0	112,000
OCC - Process Loop Piping Replacement	8R054	0	185,000	0	0	0	0	185,000
OCC - Replace Chrome Entry Doors- Original Side	8R033	0	225,000	0	0	0	0	225,000
OCC - CCTV Replacement (Carryforward)	8R032	0	248,005					
OCC - Carpet Replacement	TBD	0	0	85,000	2,100,000	0	0	2,185,000
OCC - Upgrade Two-Way Radio System	TBD	0	0	275,000	0	0	0	275,000
OCC - Telecommunications VOIP Upgrade	TBD	0	0	185,000	0	0	0	185,000
OCC - Meeting Room Chair Replacement	TBD	0	0	0	960,000	0	0	960,000
OCC - HVAC Replacement Design and Engineering	TBD	0	0	0	200,000	0	0	200,000
OCC - Chiller Units Replacement	TBD	0	0	0	0	1,500,000	0	1,500,000
OCC - Cooling Tower (4) Replacement	TBD	0	0	0	0	725,000	0	725,000
OCC - Boiler Replacement (2)	TBD	0	0	0	0	500,000	0	500,000
OCC - Lobby Areas Furniture Replacement	TBD	0	0	0	0	400,000	0	400,000
OCC - Exhibit Hall Folding Chair Replacement	TBD	0	0	0	0	0	1,000,000	1,000,000
OCC - Table Replacement (Expansion Side)	TBD	0	0	0	0	0	475,000	475,000
OCC - Roof Replacement (Expansion Side)	TBD	0	0	0	0	0	1,800,000	1,800,000
<b>TOTAL OREGON CONVENTION CENTER</b>		<b>100,000</b>	<b>2,176,005</b>	<b>2,045,000</b>	<b>3,260,000</b>	<b>3,125,000</b>	<b>3,275,000</b>	<b>13,733,000</b>
<b>FIVE YEAR TOTAL, FY 2013-14 THROUGH FY 2017-18</b>		<b>13,633,000</b>	<b>Total Number of Projects 19</b>					

## OCC Major funding sources

	Prior Years	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18
Fund Balance- Renewal and Replacement	100,000	1,741,005	2,045,000	3,260,000	3,125,000	3,275,000
TLT Capital Reserves		435,000	0	0	0	0
<b>Total- Oregon Convention Center</b>	<b>100,000</b>	<b>2,176,005</b>	<b>2,045,000</b>	<b>3,260,000</b>	<b>3,125,000</b>	<b>3,275,000</b>

The Oregon Convention Center (OCC) is owned by Metro, managed by the Metropolitan Exposition Recreation Commission, and is home to regional and national conventions and trade shows.

## **OVERVIEW OF PROJECTS**

The FY 2013-14 through FY 2017-18 OCC capital budget contains 19 projects; one is new capital, and the remainder are renewal and replacement. Replacement projects costing in excess of \$1,000,000 are the roof over the original portion of the convention center, the facility's carpet, chiller units, exhibit hall folding chairs and the roof on the expansion side of the building. The new capital project includes audiovisual upgrades that are key to maintaining business in a competitive environment.

## **PROJECT FUNDING**

OCC's project funding in this five-year plan comes primarily from renewal and replacement reserves. The new capital project as well as several renewal and replacement projects that support sustainability will utilize a reserve developed in years in which transient lodging tax collections exceed 7 percent growth.

## PCPA Total projects summary by year

	ID	Prior Years	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	Total
<b>MERC FUND</b>								
PCPA - AHH HVAC & Lighting Controls Updates	8N062	0	250,000	250,000	0	0	0	500,000
PCPA - AHH EIFS Replacement Phase II	8N063	0	175,000	0	0	0	0	175,000
PCPA - Keller Cooling Tower & Associated Piping	8R069	0	10,000	250,000	0	0	0	260,000
PCPA - Newmark Lighting Overhaul	8R072	0	56,000	42,000	130,000	0	0	228,000
PCPA - AHH Boilers	TBD	0	0	150,000	0	0	0	150,000
PCPA - ASCH Chiller and Associated Piping	TBD	0	0	10,000	350,000	0	0	360,000
PCPA - Keller Roof and Drains Replacement	TBD	0	0	250,000	300,000	300,000	0	850,000
PCPA - Keller Fore Stage (Pit) Elevator Lift	TBD	0	0	250,000	250,000	0	0	500,000
PCPA - Keller Front of House and Backstage Elevators	TBD	0	0	100,000	0	0	0	100,000
PCPA - AHH Elevators- Controllers and Interiors	TBD	0	0	0	150,000	150,000	0	300,000
PCPA - ASCH HVAC Controls Updates	TBD	0	0	0	262,000	0	0	262,000
PCPA - ASCH Portland Sign Renewal	TBD	0	0	0	100,000	100,000	0	200,000
PCPA - Keller Main Speakers	TBD	0	0	0	125,000	0	0	125,000
PCPA - Newmark Stage Floor	TBD	0	0	0	100,000	0	0	100,000
PCPA - AHH Roof	TBD	0	0	0	0	200,000	0	200,000
PCPA - ASCH Elevators Overhaul and Interiors	TBD	0	0	0	0	300,000	0	300,000
PCPA - AHH EIFS Replacement Phase III	TBD	0	0	0	0	0	350,000	350,000
PCPA - Keller HVAC Control Upgrades	TBD	0	0	0	0	0	350,000	350,000
PCPA - Keller Carpet Front of House	TBD	0	0	0	0	0	150,000	150,000
<b>TOTAL PCPA</b>		<b>0</b>	<b>491,000</b>	<b>1,302,000</b>	<b>1,767,000</b>	<b>1,050,000</b>	<b>850,000</b>	<b>5,460,000</b>
<b>FIVE YEAR TOTAL, FY 2013-14 THROUGH FY 2017-18</b>		<b>5,460,000</b>	<b>Total Number of Projects 19</b>					

## PCPA Major funding sources

	Prior Years	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18
Fund Balance- Renewal and Replacement	0	491,000	1,302,000	1,767,000	1,050,000	850,000
<b>Total- PCPA</b>	<b>0</b>	<b>491,000</b>	<b>1,302,000</b>	<b>1,767,000</b>	<b>1,050,000</b>	<b>850,000</b>

Portland Center for the Performing Arts (PCPA) facilities are owned by the City of Portland and managed by the Metropolitan Exposition Recreation Commission through an intergovernmental agreement between Metro and the City of Portland. PCPA provides world class entertainment spaces for residents and visitors in three buildings:

- Antoinette Hatfield Hall (AHH), containing Dolores Winningstad Theatre, Newmark Theatre and Brunish Hall.
- Arlene Schnitzer Concert Hall (ASCH).
- Keller Auditorium.

### **OVERVIEW OF PROJECTS**

The FY 2013-14 through FY 2017-18 PCPA capital budget contains 19 projects that are all renewal and replacement in nature. The largest project in the five year plan is the \$850,000 replacement of the roof and drains at the Keller Auditorium. The largest project in year one of the plan is the HVAC and lighting controls updates project at Antoinette Hatfield Hall.

### **PROJECT FUNDING**

All projects in this five-year plan are funded by renewal and replacement reserves.

## Expo Total projects summary by year

	ID	Prior Years	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	Total
<b>MERC FUND</b>								
Expo - Portable Bleacher Replacement	8R007	130,000	50,000	0	0	0	0	180,000
Expo - Parking Lot Asphalt Maintenance/Replacement	8R040	100,000	50,000	50,000	50,000	60,000	60,000	370,000
Expo - Roof Repair - Hall D , Hall C	8R039/043	0	265,000	0	0	0	0	265,000
Expo - Hall D Lobby and Meeting Room Upgrades	8R042	0	100,000	0	0	0	0	100,000
Expo - Lighting Efficiency Improvements	8R044	0	384,003	0	0	0	0	384,003
Expo - Roof Repair - Hall E Lobby/Mtg Rooms	TBD	0	0	100,000	0	0	0	100,000
Expo - Electrical Upgrade - Halls A/B	TBD	0	0	140,000	0	0	0	140,000
Expo - Roof Repair - Hall D (Barrel)	TBD	0	0	0	200,000	0	0	200,000
Expo - Update Phone System	TBD	0	0	0	100,000	0	0	100,000
Expo - Roof Repair - Hall E Loading Dock/Storage	TBD	0	0	0	0	200,000	0	200,000
Expo - Roof Repair - Hall E (Barrel)	TBD	0	0	0	0	0	350,000	350,000
<b>TOTAL EXPO CENTER</b>		<b>230,000</b>	<b>849,003</b>	<b>290,000</b>	<b>350,000</b>	<b>260,000</b>	<b>410,000</b>	<b>2,389,003</b>
<b>FIVE YEAR TOTAL, FY 2013-14 THROUGH FY 2017-18</b>		<b>2,159,003</b>	<b>Total Number of Projects 11</b>					

## Expo Major funding sources

	Prior Years	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18
Fund Balance- Renewal and Replacement	230,000	465,000	290,000	350,000	260,000	410,000
Grants	0	284,003	0	0	0	0
TLT Capital Reserves	0	100,000	0	0	0	0
<b>Total- Expo Center</b>	<b>230,000</b>	<b>849,003</b>	<b>290,000</b>	<b>350,000</b>	<b>260,000</b>	<b>410,000</b>

Portland Expo Center (Expo) is owned by Metro and managed by the Metropolitan Exposition Recreation Commission. Expo is Oregon's largest multi-purpose facility. The 53-acre campus boasts five spacious exhibit halls totaling more than 333,000 square feet and 10 varied meeting rooms.

## **OVERVIEW OF PROJECTS**

The FY 2013-14 through FY 2017-18 Expo capital budget contains 11 projects; all are renewal and replacement. The largest project is a sustainable initiative that will retrofit lighting fixtures in Halls A, B, C and D, significantly lowering energy usage and operating costs.

## **PROJECT FUNDING**

The majority of the funding in this five-year plan comes from renewal and replacement reserves. The lighting improvements project is funded by a combination of Energy Trust of Oregon and Metro Sustainability program grants and funding from the MERC pooled capital account funded by transient lodging tax capital reserves.

## Oregon Zoo Total projects summary by year

	ID	Prior Years	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	Total
<b>ZOO INFRASTRUCTURE AND ANIMAL WELFARE BOND FUND</b>								
Elephant Habitat and Related Infrastructure	ZIP002	17,000,000	23,710,221	16,013,285	0	0	0	56,723,506
Remote Elephant Center	ZIP003	40,000	500,000	1,000,000	2,500,000	1,386,194	0	5,426,194
Condor Habitat	ZIP007	2,169,000	545,171	0	0	0	0	2,714,171
Education Center (CDZ)	ZIP006	860,000	144,725	1,479,310	10,665,513	517,233	0	13,666,781
Campus and Habitat Interpretive Design	ZIP013	426,000	101,225	1,231,489	710,912	313,683	510,530	3,293,839
One-percent for Art Design and Installation	ZIP012	97,795	107,575	107,575	107,575	107,575	107,575	635,668
Polar Bear Habitat	ZIP004	0	0	0	1,776,274	9,417,825	8,364,467	19,558,566
Primate and Rhino Habitats	ZIP005	0	0	0	0	670,558	2,753,931	3,424,489
<b>TOTAL ZOO INFRASTRUCTURE AND ANIMAL WELFARE BOND FUND</b>		<b>20,592,795</b>	<b>25,108,917</b>	<b>19,831,659</b>	<b>15,760,274</b>	<b>12,413,068</b>	<b>11,736,503</b>	<b>105,443,215</b>
<b>ZOO CAPITAL FUND</b>								
Bearwalk Remodel	ZBW06		45,000	0	0	0	0	45,000
Bond Commitment Elephant Lands	ZIP002	0	1,965,000	0	0	0	0	1,965,000
OZF Bond Commitment Remote Elephant Center	Zoo39	0	1,400,000	0	0	0	0	1,400,000
Stage Phase 1 Improvements	ZVS10	40,000	310,000	0	0	0	0	350,000
Cascade Grill Improvements	ZVS06	0	150,000	0	0	0	0	150,000
Commissary Modifications	ZVS08	200,000	100,000	0	0	0	0	300,000
Guest Amenities TBD	TBD	0	100,000	0	0	0	0	100,000
<b>TOTAL ZOO CAPITAL FUND</b>		<b>240,000</b>	<b>4,070,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,310,000</b>
<b>GENERAL FUND RENEWAL AND REPLACEMENT</b>								
Zoo R&R Projects < \$100,000			1,222,068	775,899	929,450	554,928	840,318	4,322,663
1500 kw Generator	ZRW052	0	1,000,000	0	0	0	0	1,000,000
Africa Interpretive Graphics	ZR37	0	108,856	0	0	0	0	108,856
Africafe Roof	ZRW001	8,000	203,000	0	0	0	0	211,000
Stellar Cove Ozone System	ZRW047	0	100,000	0	0	0	0	100,000
Zoo Parking Lot Renewal	ZR17	21,224	21,648	22,081	22,523	22,974	23,433	133,883
Zoo Railroad Track Replacement	ZR19	23,080	47,555	24,493	24,983	25,483	25,992	171,586
Perimeter USDA Fence 5 Replacement	Zoo24	59,620	60,813	62,029	63,270	64,535	65,826	376,093
Telephone System	TBD	0	0	259,543	0	0	0	259,543
Africafe Kitchen Elevator	TBD	0	0	120,000	0	0	0	120,000
Flooded Forest Interpretives	TBD	0	0	160,500	0	0	0	160,500
Swamp Building and Aviary Roof Replacement	TBD	0	0	102,600	0	0	0	102,600
Railroad Roundhouse Roof	TBD	0	0	0	128,883	0	0	128,883
Pig Holding and Exhibit Roof	TBD	0	0	0	0	0	131,286	131,286
Stellar Cove Digital Control System	TBD	0	0	0	0	0	121,899	121,899
Vet Medical Center X-Ray Machine	TBD	0	0	0	0	0	211,482	211,482
<b>TOTAL GENERAL FUND RENEWAL AND REPLACEMENT</b>		<b>111,924</b>	<b>2,763,940</b>	<b>1,527,145</b>	<b>1,169,109</b>	<b>667,920</b>	<b>1,420,236</b>	<b>7,660,274</b>
<b>TOTAL OREGON ZOO</b>		<b>20,944,719</b>	<b>31,942,857</b>	<b>21,358,804</b>	<b>16,929,383</b>	<b>13,080,988</b>	<b>13,156,739</b>	<b>117,413,488</b>
<b>FIVE YEAR TOTAL, FY 2013-14 THROUGH FY 2017-18</b>		<b>96,468,769</b>	<b>Total Number of Projects 31</b>					

## Oregon Zoo Major funding sources

	Prior Years	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18
G.O. Bonds- Zoo	20,592,795	25,108,917	19,831,659	15,760,274	12,413,068	11,736,503
Donations	240,000	3,525,000	0	0	0	0
Fund Balance- Capital Reserve	0	545,000	0	0	0	0
Fund Balance- Renewal and Replacement	111,924	2,763,940	1,527,145	1,169,109	667,920	1,420,236
<b>Total- Oregon Zoo</b>	<b>20,944,719</b>	<b>31,942,857</b>	<b>21,358,804</b>	<b>16,929,383</b>	<b>13,080,988</b>	<b>13,156,739</b>

The FY 2013-14 through FY 2017-18 Oregon Zoo capital budget includes 31 projects. Eight projects are related to the Oregon Zoo Infrastructure and Animal Welfare bond measure.

## OVERVIEW OF PROJECTS

Adjustments to the scope and budget of zoo bond projects will continue as design is completed. Projects included in the current five-year plan are:

**Elephants Habitat and Related Infrastructure (Elephant Lands):** The project will provide a new elephant habitat allowing for an evolution in the way the elephants use their space, which supports the zoo's vision for elephants to live in family herds. Sub-projects include, 1) relocating the train, 2) a new perimeter service road, 3) relocating the Wild Life Live program and 4) water and energy sustainability measures, including LEED Silver Certification and a new campus geothermal loop, to reduce the use of fossil fuels for heating and cooling.

**Remote Elephant Center (offsite facility):** The 2008 bond called for assessment of the feasibility of an offsite facility. Staff is developing the capital and operating costs for a facility, assessing properties and reviewing ideas for funding sources.

**Condor Habitat:** The new exhibit will highlight the zoo's successful breeding program. The new habitat will inspire visitors to learn more about these iconic birds that once flew in Oregon.

**Education Center (Conservation Discovery Zone):** This project will provide dedicated space to increase the quality of conservation education opportunities at the zoo. It will provide spaces for classes, camps, exhibits, presentations and hands-on learning for children, families and adults. There will be space for traveling and temporary exhibits, and an insect zoo and Butterfly Lab will provide hands-on learning.

**Campus and Habitat Interpretive Design:** Interpretive elements are the printed, graphical and electronic activities, experiences and signage in and around exhibits that provide communication to connect guests with the zoo's animals, mission and values.

**One-percent for Art Design and Installation:** Metro Council Resolution 11-4282 approved the recommendation to use the Percent-for-Art funds for the zoo bond program programmatically rather than on a project-by-project basis. This enables a more strategic approach to the selection and installation of public art at the zoo and leverages the monies to greater effect for the public and the campus.

**Polar Bear Habitat:** The world's largest land predators, polar bears need space, and this proposed rebuild will offer them not only more room, but also a safer and more natural habitat to explore. Natural substrate, interesting views, scratching logs, enrichment infrastructure and adding complexity to the pools and exhibits can encourage more natural behavior. The remodel is needed to increase access to natural substrate, renovate and increase the efficiency of the water-filtration system, reduce temperatures, chill the pool water and increase both land and pool space.

**Primate and Rhino Habitats:** The primate exhibit will provide expanded homes. Enlarged indoor and outdoor areas will give chimpanzees and mandrills a sustainable and enriching environment. The new exhibit will be able to add new, younger chimps to its group. Larger, more natural habitats for the chimpanzees make it possible to support baby chimpanzees. Zookeepers will be able to separate the animals as necessary in the reworked exhibit without denying them an enriching environment. New holding spaces would allow keepers to address needs on a daily basis, provide

better health care and generally improve conditions for the animals. Improvements to the rhino habitat will provide an expanded home for the rhinos, which is a highly endangered species.

Five new capital projects not related to bond projects are planned for FY 2013-14. An upgrade to the Cascade Grill is carried forward from FY 2012-13, as are modifications to the Commissary. Other projects include phase one of improvements to the zoo's concert stage. Five years of renewal and replacement projects include 15 projects greater than \$100,000. The largest project is the installation of a 1500 kw generator that will be installed in partnership with Portland General Electric.

### **PROJECT FUNDING**

Of the \$96.5 million in zoo projects in the FY 2013-14 through FY 2017-18 CIP, \$84.8 million (88 percent) is funded from the Oregon Zoo Infrastructure and Animal Welfare Bond. The General Renewal and Replacement Account provides \$7.5 million (8 percent). Capital projects are funded by a mix of zoo capital reserves and donations from the Oregon Zoo Foundation.