

Capital Budget Briefing // Agenda

1 Capital Planning

FY 2017

Status

County-Wide

Transportation

Facilities & Prop Mgmt

Information Technology

Agenda

- Overview of County-Wide Capital Program
 - Goals for Today
 - Capital Needs
- Transportation
- Facilities and Property Management
- Information Technology
- 2018 Capital Program
- Questions

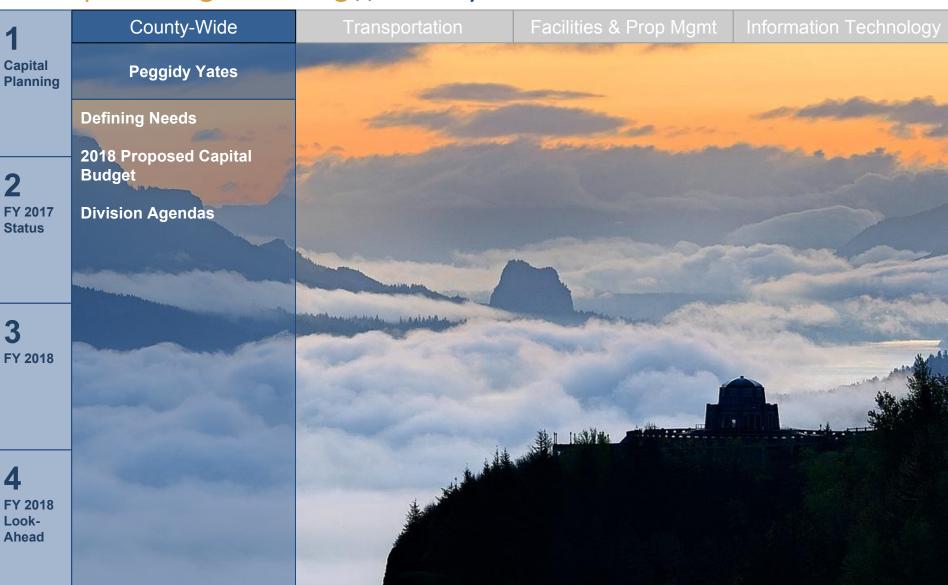


FY 2018

FY 2018 Look-Ahead



Capital Budget Briefing // County-Wide





1Capital
Planning

County-Wide

Transportation

Facilities & Prop Mgmt

Information Technology

Three Major County Capital Programs Focused on Infrastructure

2 FY 2017 Status

3

FY 2018

4 FY 2018 Look-Ahead County-Wide

Peggidy Yates

- IdentifyInfrastructureNeeds
- PrioritizeStrategies
- IdentifyInvestmentAlternatives
- Maintain 20 Yr Strategic Plan

Transportation (DCS)

Kim Peoples lan Cannon

- Fish Passages
- Bike and Pedestrian
- Roads
- Willamette River Bridges

Facilities & Property Management (DCA)

Sherry Swackhamer Henry Alaman

- PublicProperty
- Buildings

Information
Technology (DCA)

Sherry Swackhamer Bob Leek

- Computers
- Networks
- Data
- Applications
- Websites
- Telecom



Capital Budget Briefing // Purpose

1 Capital Planning County-Wide

Transportation

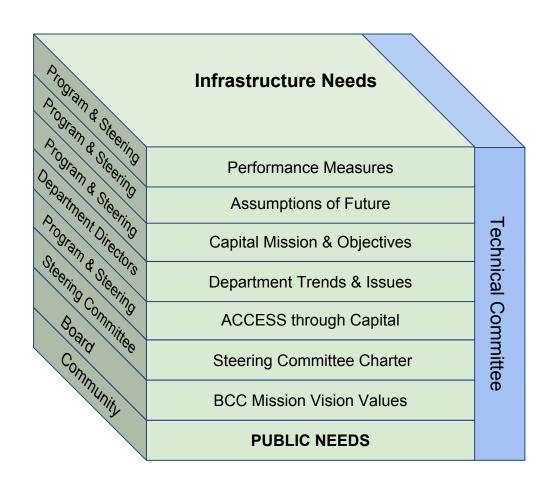
Facilities & Prop Mgmt

Information Technology

Strategic Capital Plan: Building Upon Community Needs

PY 2017 Status

3 FY 2018





1 Capital Planning County-Wide Transportation

Facilities & Prop Mgmt

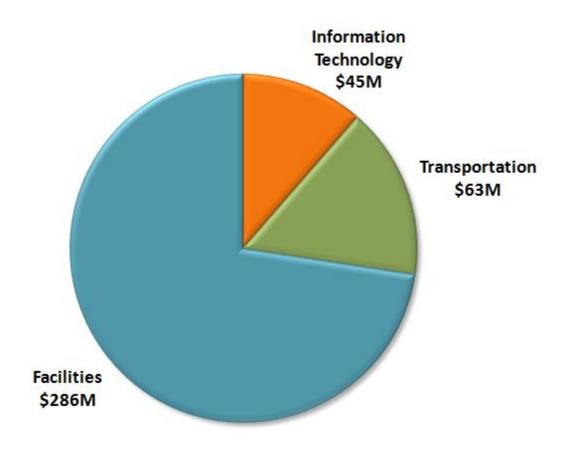
Information Technology

FY 2018 Requested Capital Funds (in \$Millions)

Total Proposed Capital Budget: \$394 Million



3 FY 2018





Capital Budget Briefing // Definitions

1Capital
Planning

County-Wide

Transportation

Facilities & Prop Mgmt

Information Technology

Annual Capital Budget Includes Three Divisions: Transportation, Facilities, and Information Technology

Capital Project Expenditures:

Routine Capital: Maintain existing assets or normal system wide projects i.e. operating capital HVAC

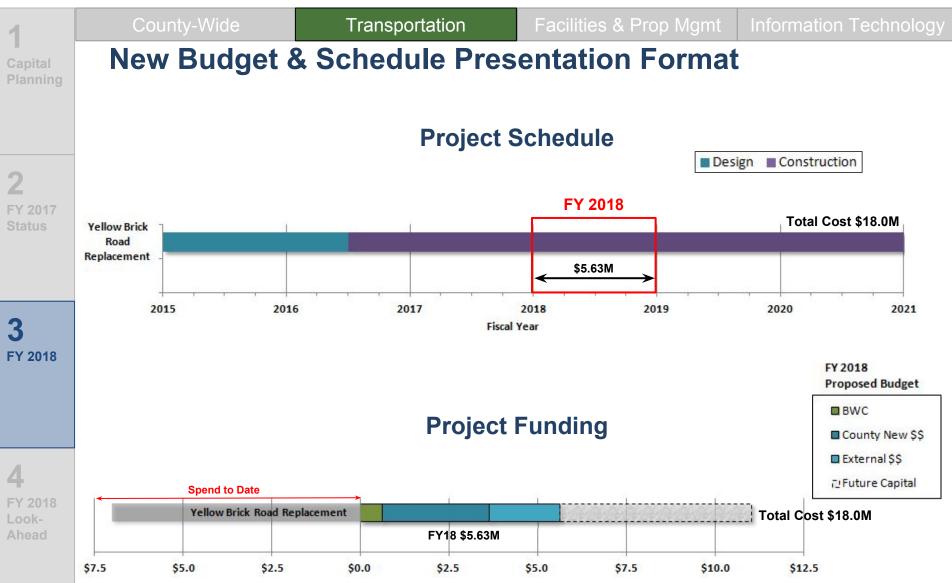
 Non Routine Major Capital: Investment in new assets or substantially alter the function, maintenance requirements, operations costs or capacity of current assets greater than \$1

million

Health Department Headquarters









Capital Budget Briefing // Transportation

Capital Planning

2FY 2017
Status

3 FY 2018

FY 2018 Look-Ahead



Transportation
Kim Peoples
Ian Cannon

- Fish Passages
- Bike and Pedestrian
- Roads
- Willamette River
 - **Bridges**
- Seismic

Liabilities





Capital Budget Briefing // Capital Planning

1 Capital Planning County-Wide

Transportation

Facilities & Prop Mgmt

nformation Technology

Department Strategies - Transportation

- Transportation Capital Improvement Plan & Program
 - Bridge CIP
 - Current Road CIP includes less than 20% of system
- Adequate stable funding
 - Current funding does not address Capital needs
 - Current funding creates deferred maintenance
 - Legislature
- Improve project delivery
 - Certification of federally funded projects
 - Upgrades and replacement of technology tools
 - Project delivery manual update
- Earthquake Ready Burnside Bridge





Capital Budget Briefing // FY 2017 Status

1 Capital unty-Wide Transportation

Facilities & Prop Mgmt

nformation Technology

FY 2017 Project Updates

- Sellwood Bridge Replacement
 - Total Project Cost \$325M
 - Outside (non-county) funding sources \$153M
 - Construction substantially completed in FY 2017. Final pier will be removed in summer 2017.
- Troutdale Road Sidewalk Infill
 - Total Project Cost \$100K
- Pleasant Valley School Flashers
 - Total Project Cost \$100K
- County ADA Plan
 - Total Project Cost \$20M
- Marine Drive Repair
 - Total Project Cost \$350K
 - Project cancelled due to prioritization of projects





3 FY 2017 Status

FY 2018 Look-Ahead



1 Capital Planning Transportation

Facilities & Prop Mgmt

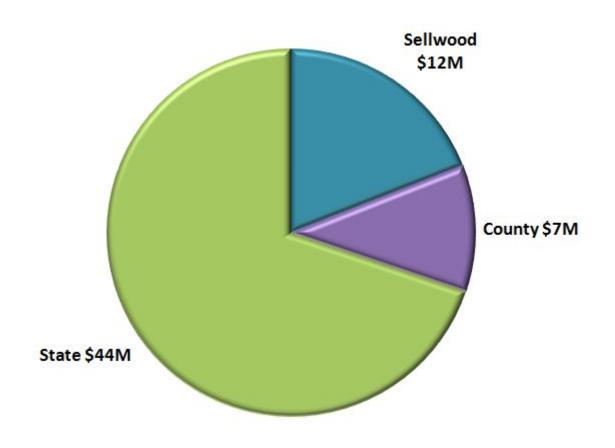
nformation Technology

FY 2018 Proposed Funding

Total Proposed Transportation Funds: \$63M

2 FY 2017 Status

3 FY 2018





1 Capital Planning Transportation

Facilities & Prop Mgmt

Information Technology

FY 2018 Proposed Capital Funds

Total Proposed Use of Funds: \$63M



3 FY 2018





1Capital
Planning

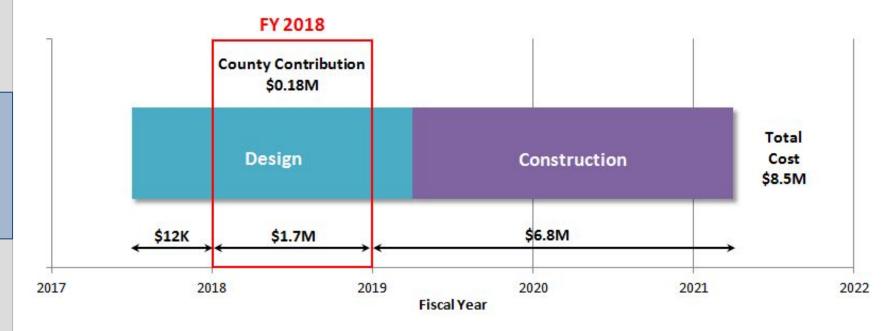
Transportation

Facilities & Prop Mgmt

nformation Technology

238th Drive - Schedule

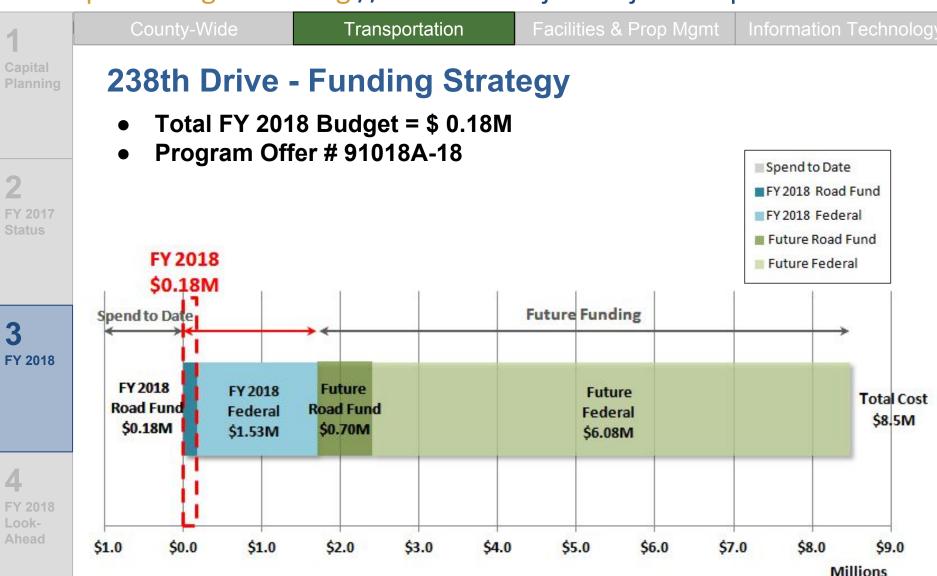
- Total FY 2018 Budget = \$ 0.18M
- Program Offer # 91018A-18



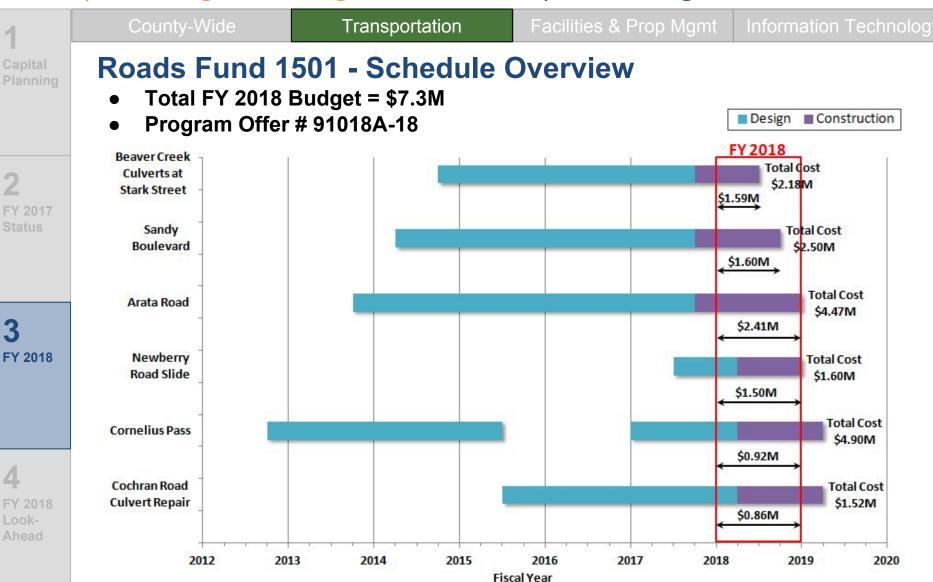
PY 2017 Status

3 FY 2018

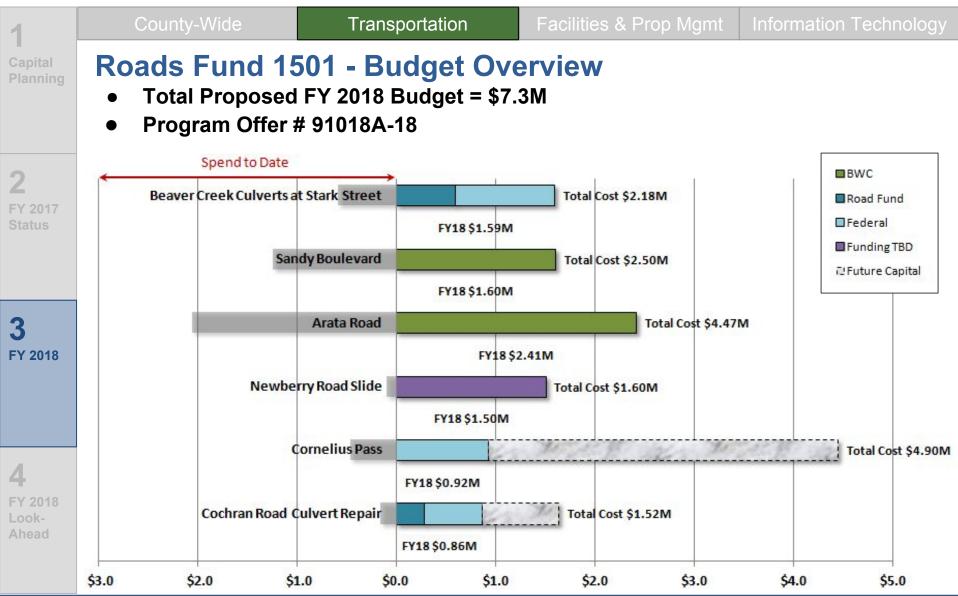














1Capital
Planning

County-Wide

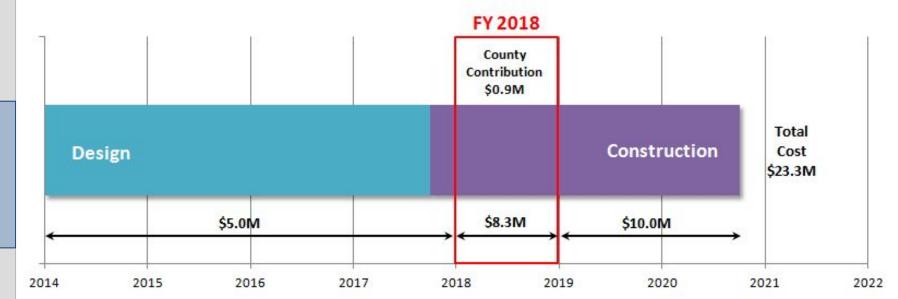
Transportation

Facilities & Prop Mgmt

nformation Technology

Burnside Bridge Maintenance - Schedule

- Total FY 2018 Budget = \$ 0.9M
- Program Offer # 91018A-18



FY 2017 Status

3 FY 2018



1 Capital

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Transportation

Facilities & Prop Mgmt

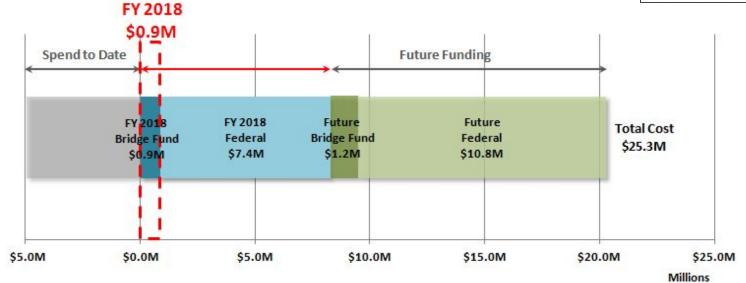
nformation Technology

Burnside Bridge Maintenance - Funding Strategy

Total FY 2018 Budget = \$ 0.9M

Program Offer # 91018A-18







FY 2018



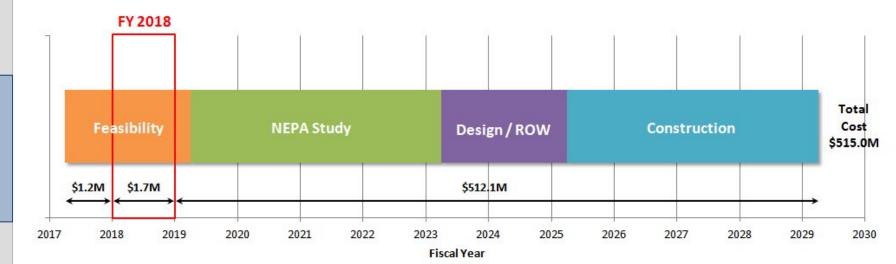
1 Capital Transportation

Facilities & Prop Mgmt

nformation Technology

Earthquake Ready Burnside Bridge - Schedule

- Total FY 2018 Budget = \$ 1.7M
- Program Offer # 91018A-18



PY 2017 Status

3 FY 2018



1 Capital

FY 2018

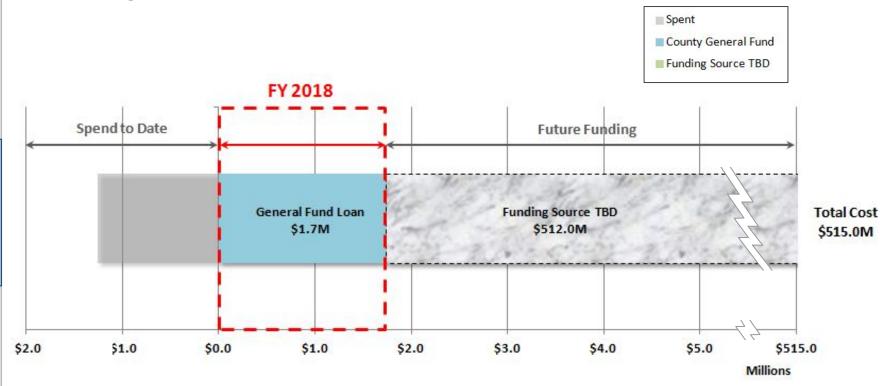
Transportation

Facilities & Prop Mgmt

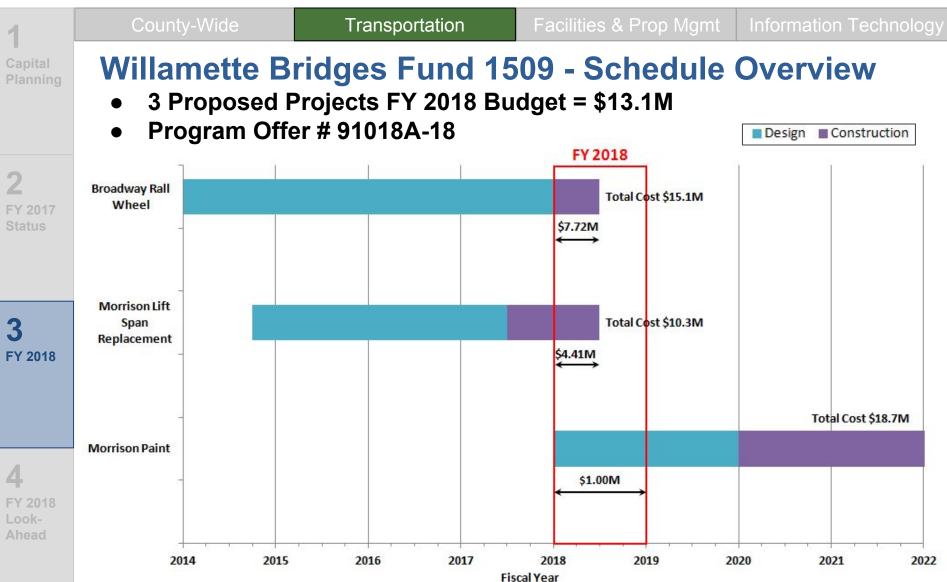
nformation Technology

Earthquake Ready Burnside Bridge - Funding Strategy

- Total FY 2018 Budget = \$ 1.7M
- Program Offer # 91018A-18









1 Capital Planning Transportation

Facilities & Prop Mgmt

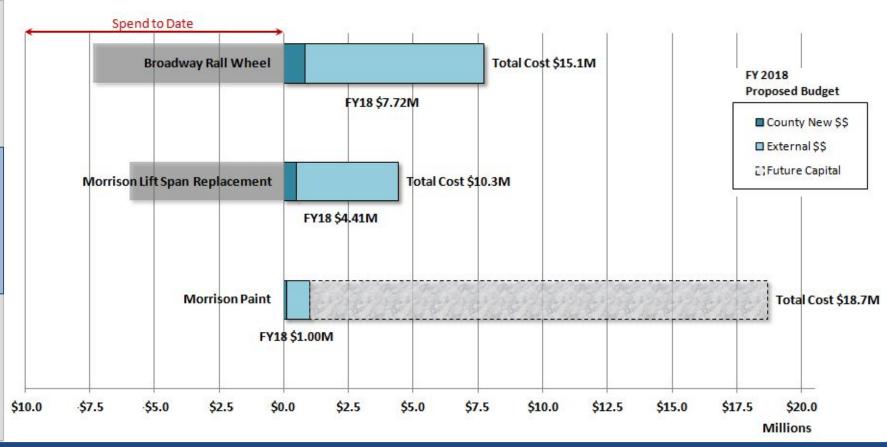
nformation Technology

Willamette Bridges Fund 1509 - Budget Overview

- 3 Proposed Projects FY 2018 Budget = \$13.1M
- Program Offer # 91018A-18



3 FY 2018





Capital Budget Briefing // FY 2018

1Capital
Planning

County-Wide

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Facilities & Prop Mgmt

Information Technology

Seismic Liabilities

Project Name	Seismic Liability
Burnside Seismic Resiliency (Feasibility Study, Environmental Impact Study, Final Design and Construction)	\$516.0M
Hawthorne Bridge Limited Seismic Retrofit	\$44.9M
Broadway Bridge Limited Seismic Retrofit	\$52.6M
Morrison Bridge Limited Seismic Retrofit	\$91.9M
Total Estimated Seismic Liability	\$705.4M

2

FY 2017

FY 2018

FY 2018 Look-Ahead





Capital Budget Briefing // FY 2018

1Capital
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Major Milestones

Work Planned for Completion:

- Morrison Bridge Deck
- Broadway Rall Wheel Replacement
- Sandy Blvd
- Beaver Creek Fish Passage

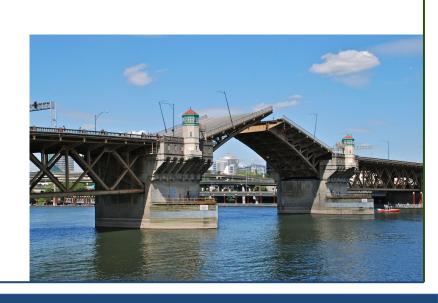
Work in Progress:

- Burnside Maintenance
- Earthquake Ready Burnside
- Arata Road

Work Planned to Start:

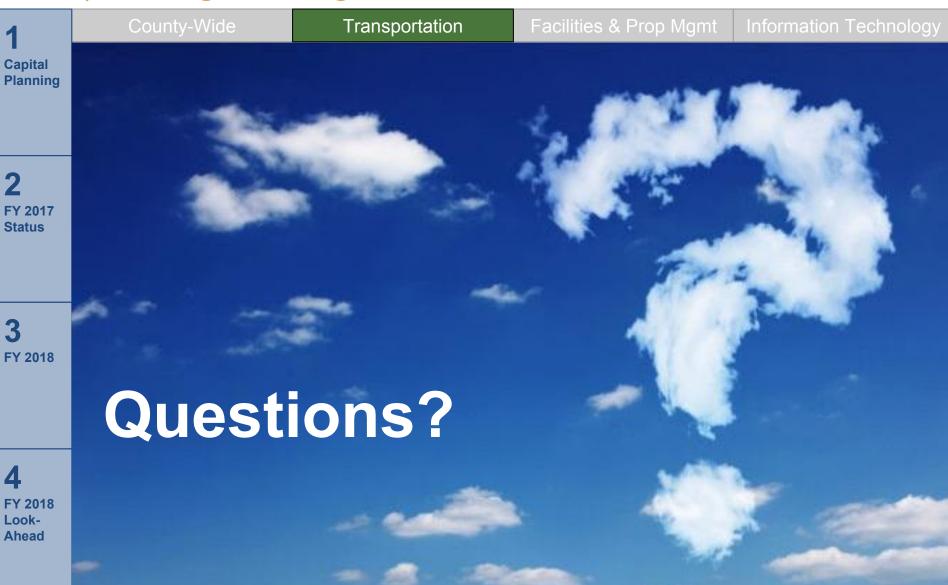
- Cornelius Pass Construction
- 238th Design
- Morrison Paint Design





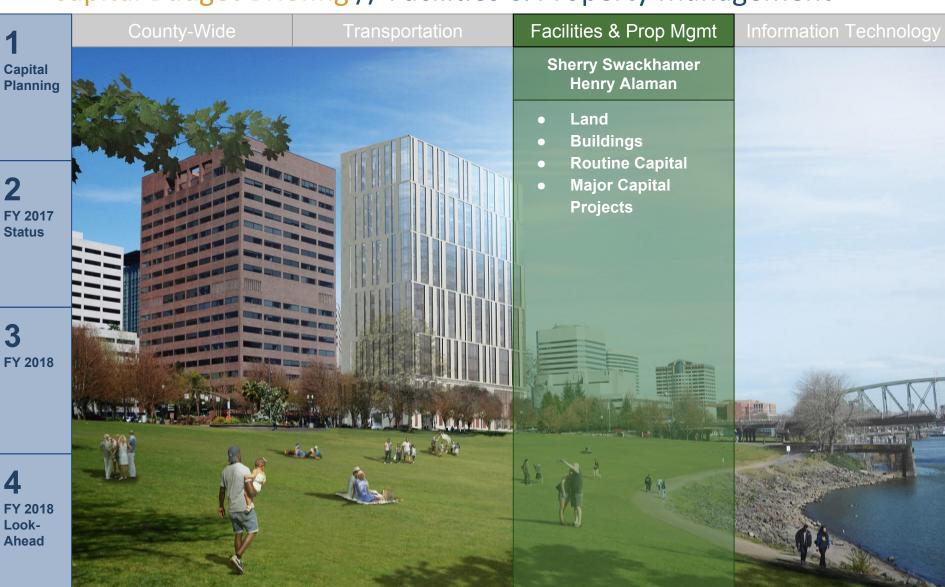


Capital Budget Briefing // FY 2018





Capital Budget Briefing // Facilities & Property Management





Capital Budget Briefing // Capital Planning

1 Capital Planning County-Wide

Transportation

Facilities & Prop Mgmt

Information Technology

Department Strategies - Facilities

Guiding Principle

Provide access to safe, functional and adaptable facilities in a financially responsible, socially equitable and environmentally sustainable manner.

Strategic Goals

- Enhance department/agency service delivery
- Optimize capital reinvestments to meet long-term objectives
- Maintain value of County owned assets

4 FY 2018 Look-Ahead



Capital Budget Briefing // Capital Planning

1 Capital Planning County-Wide

Transportation

Facilities & Prop Mgmt

Information Technology

Planning Process - Facilities

Assess Current Building Portfolio

- Seismic Studies
- Building Assessments
- Functionality for Programmatic Needs
- Utilization Rates

Identify Future Needs

- Lifecycle Replacements
- Changes in Department Service Delivery
- Workplace Trends

Prioritize for Capital Planning

- 20 Year Strategic Capital Plan
- 5 year Capital Improvement Plan
- Annual Capital Budget





Capital Budget Briefing // FY 2017 Status

1Capital
Planning

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Facilities & Prop Mgmt

Information Technology

FY 2017 Project Updates

2FY 2017
Status

5 FY 2018

FY 2018 Look-Ahead

Project	FY 2017 Budget	Est. FY 2017 Spend	FY 2017 Status
MCDC Detention Electronics	\$100,000	\$100,000	Complete - planning project.
Yeon Annex Reception & Lobby	\$156,315	\$156,315	Complete.
Multnomah County Central Courthouse	\$98,602,542	\$46,727,350	Construction - Groundbreaking Ceremony held on October 4, 2016. The Historic Landmarks Commission approved the design on December 12, 2016. Site work began on October 25, 2016. Excavation and shoring are underway.
Gladys McCoy Health Headquarters	\$65,451,152	\$10,935,301	Construction -The City's Design Review Commission approved the design on November 10, 2016. The Groundbreaking Ceremony was held on December 14, 2016. Construction began February 17, 2017. Foundation and excavation work are underway.
Energy Savings Performance Contract (ESPC) - Water	\$1,496,627	\$1,496,627	Construction - Construction began 11/1/16. Kitchen work is completed. Electrical work is 80% complete with just a few dorms remaining. Plumbing work is approximately 75% complete. Estimated construction completion is 5/30/17.
ESPC - JJC Lighting	\$1,275,000	\$1,275,000	Construction - Construction began the first week of January 2017 with mockups installed. Exterior light retrofits complete; work is progressing throughout building interior. Estimated construction completion is 6/30/17.

^{*}Estimated spend as of February 2017



Capital Budget Briefing // FY 2017 Status

1 Capital Planning Transportation

Facilities & Prop Mgmt

Information Technology

FY 2017 Project Updates Continued

2			
FY 2017			
Status			

3 FY 2018

FY 2018 Look-Ahead

Project	FY 2017 Budget	Est. FY 2017 Spend	FY 2017 Status
Yeon Above Ground Fuel Tank	\$436,661	\$436,661	Construction - On-site construction started in February, 2017. Tanks have been installed. Asphalt patching is planned for May, 2017 (weather dependent).
DCJ Mid County (East Campus)	\$6,750,000	\$5,142,574	Design/Construction - Board approved FAC-1 on September 22, 2016 to purchase facility in the Mid-county area for \$4.25M. Completing schematic design and obtaining preliminary cost estimates.
Animal Services Upgrade	\$1,368,171	\$153,542	Planning - Contract has been approved and is in execution process. Next steps are to schedule pre-construction meeting and establish schedule. Project will be substantially complete 90 days after on-site construction commences. Project schedule delayed due to prolonged contract negotiations.
Sheriff Office Headquarters	\$5,390,766	\$1,941,723	On-hold - On December 8, 2016 the BCC approved the purchase of a 4.5A site in Troutdale for \$1.25M as a possible site for MCSO operations. MCSO is currently evaluating overall facility requirements given opportunities with other public safety entities.

*Estimated spend as of February 2017



1 Capital Planning Transportation

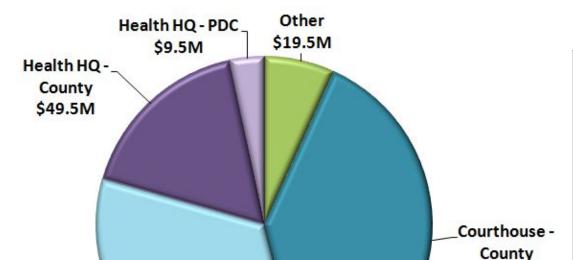
Facilities & Prop Mgmt

\$112.3M

nformation Technology

FY 2018 Proposed Capital Funds

Total Proposed FPM Capital Budget: \$286.3M*



Other:

Asset Preservation Fund \$4.2M

Capital Improvement Fund \$4.9M

Library Fund \$1.4M

DCJ Mid County (East Campus) \$5.3M

MCDC Detention Electronics \$3.8M

4FY 2018
Look-

FY 2018

Courthouse State

\$95.5M

*Includes OTO, ISR revenue, financing proceeds, and external funding.



1 Capital Planning County-Wide

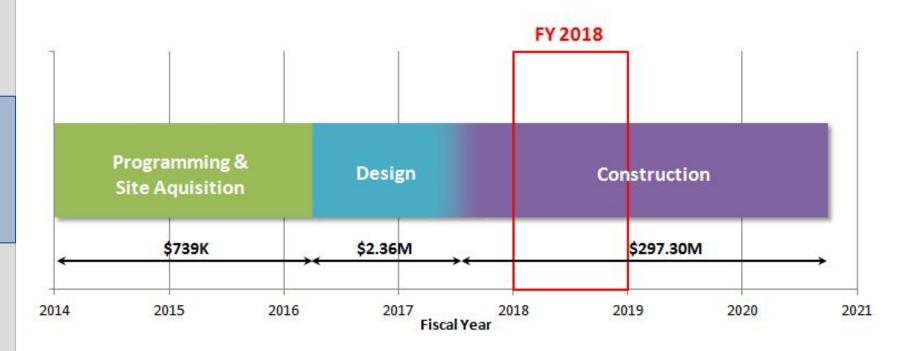
Transportation

Facilities & Prop Mgmt

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Multnomah County Central Courthouse - Fund 2500 Schedule

Proposed FY 2018 Budget = \$237.5M Program Offer # 78212



FY 2018 Look-Ahead

FY 2018





2 FY 2017 Status

3 FY 2018

4 FY 2018 Lookounty-Wide Transportation

Facilities & Prop Mgmt

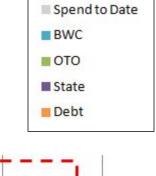
FY 2018

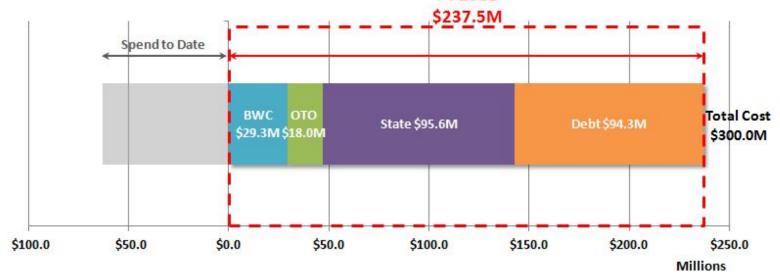
nformation Technology

Multnomah County Central Courthouse - Fund 2500

Funding Strategy

Proposed FY 2018 Budget = \$237.5M Program Offer # 78212





*BWC, State, and Debt estimated as of February 2017



FY 2018

Facilities & Prop Mgmt

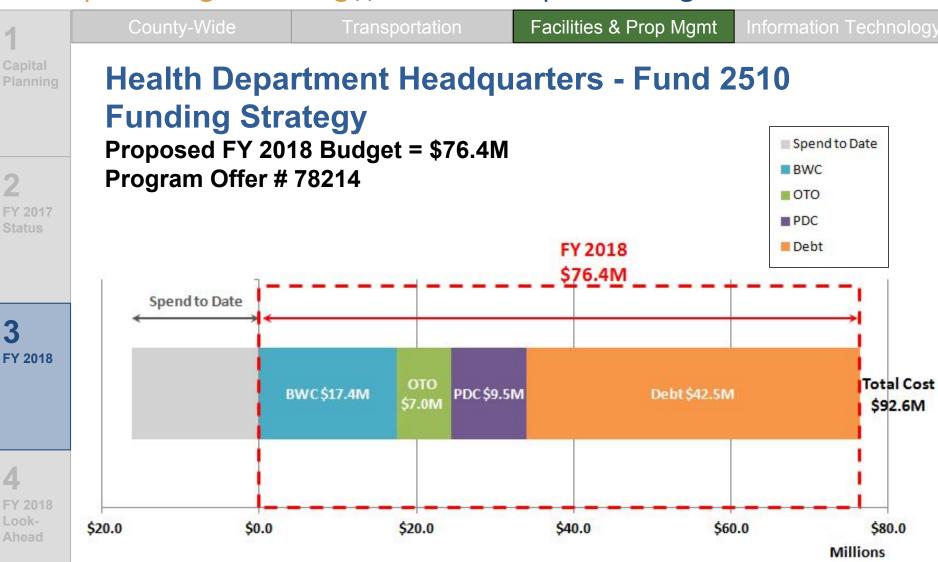
Health Department Headquarters - Fund 2510 Schedule

Proposed FY 2018 Budget = \$76.4M Program Offer # 78214



^{*}Initial programming was for a 96K sq ft building. When it was determined that more space was needed, the city zoning maps had to be amended to accommodate the additional height. Once the new height was approved, the additional space was programmed.









1 Capital Transportation

Facilities & Prop Mgmt

Information Technology

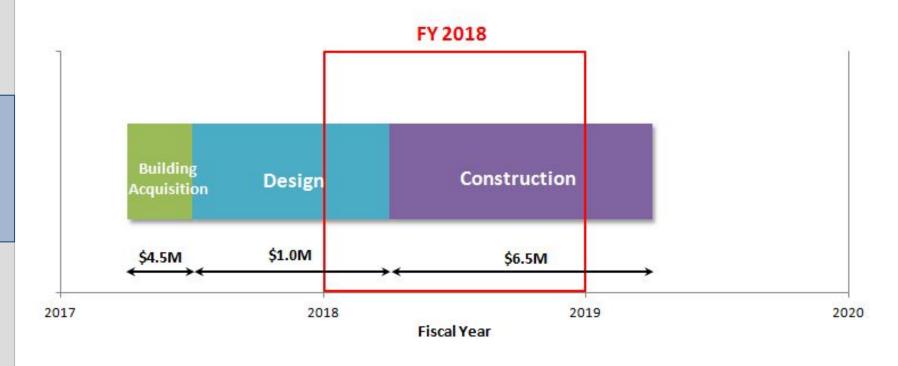
DCJ Mid County (East Campus) - Schedule

Proposed FY 2018 Budget = \$6.9M Program Offer # 78220

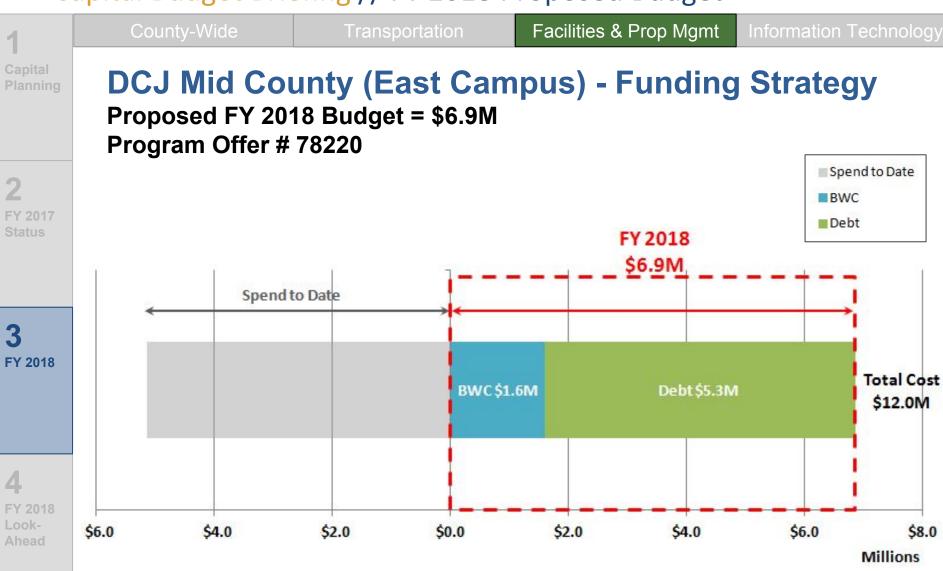
PY 2017 Status

3 FY 2018

FY 2018 Look-









*BWC and Debt estimated as of February 2017

Capital Budget Briefing // Capital Improvement Fund 2507

1Capital
Planning

Transportation

Facilities & Prop Mgmt

Information Technology

FY 2018 One Time Only Project Requests

Yeon-Vance Site Assessment PO # 78224

- Feasibility study to determine options for future development and/or disposition of County owned parcels
- \$100K

Multnomah Building Seismic Assessment PO # 78222

- Initial assessment of the seismic risk and related costs for mitigation work
- \$100K

Multnomah County Detention Center Electronics PO #78221

- Upgrade of intercom and video surveillance systems
- \$3.8M

5 FY 2018



Capital Budget Briefing // Capital Improvement Funds 2507

1Capital
Planning

County-Wide

Transportation

Facilities & Prop Mgmt

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Capital Improvement Fund 2507

Fund goal

 To maintain and improve the building systems of Tier 2 and Tier 3 buildings

Fund Status

- Beginning Working Capital: \$6.7M
- 2018 Proposed Budget: \$23.2M

Top 3 Projects for FY 2018

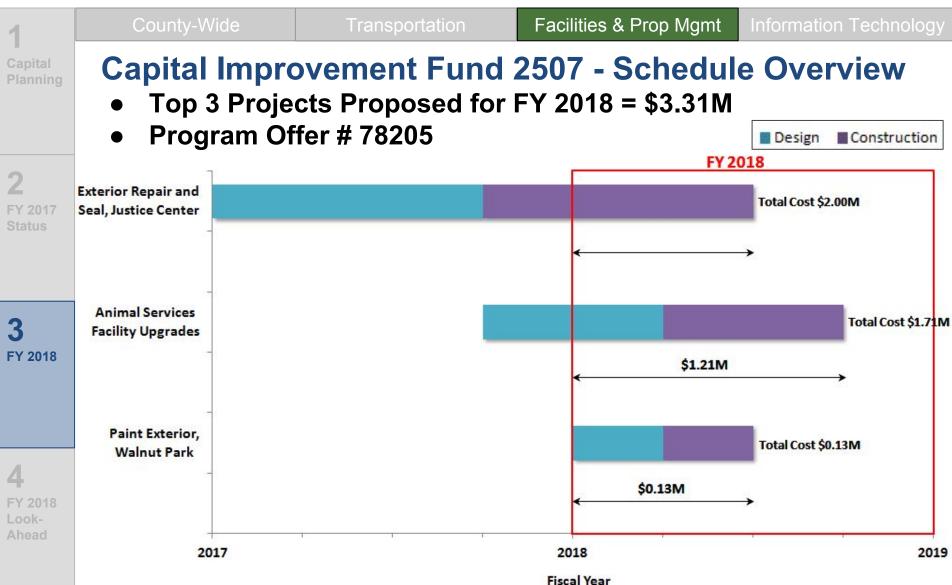
- Justice Center: Exterior Repair and Seal
- Animal Services: Animal Services Facility Upgrades
- Walnut Park: Paint Exterior



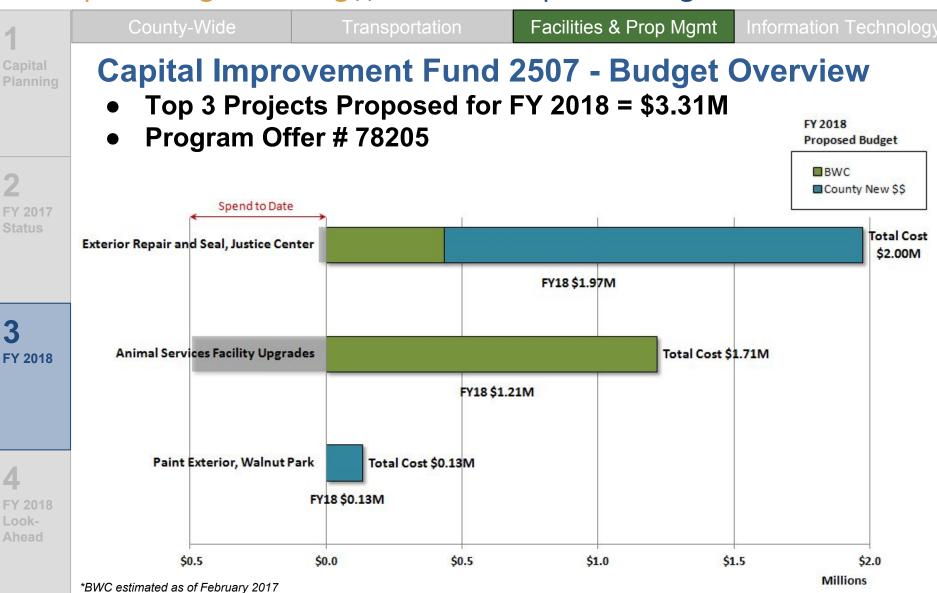
3 FY 2018

FY 2018 Look-











Capital Budget Briefing // Asset Preservation Fund 2509

1 Capital County-Wide

Transportation

Facilities & Prop Mgmt

Information Technology

Asset Preservation Fund 2509

Fund goal

To adequately invest in key building systems in Tier 1 buildings

Fund Status

- Beginning Working Capital: \$10.9M
- FY 2018 Proposed Budget: \$15.9M

Top 3 Projects Proposed for FY 2018

- Multnomah Building: Replace South Cooling Tower
- Juvenile Justice Complex: Rebuild 3 Chillers
- Inverness Jail: Replace Motorized Chop Gate

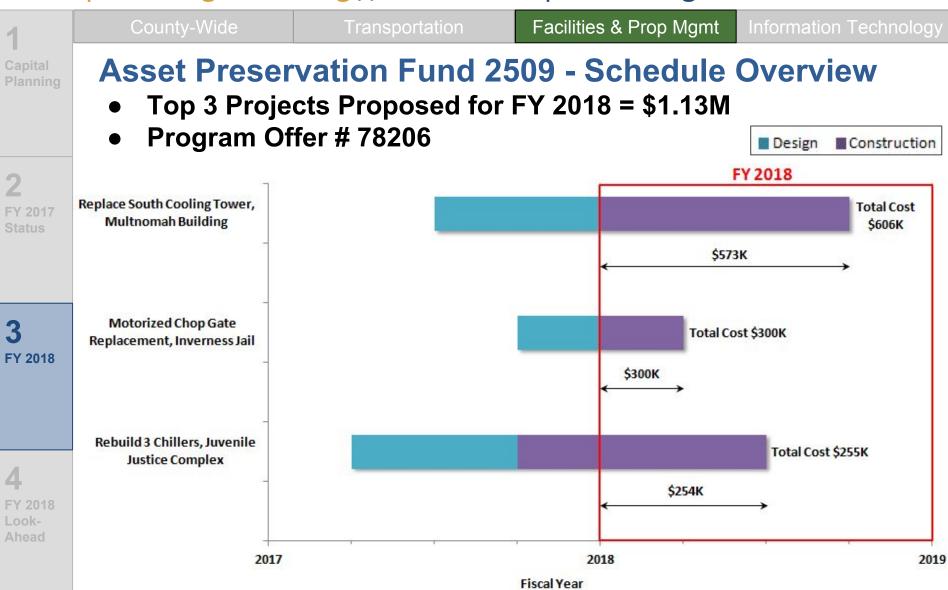




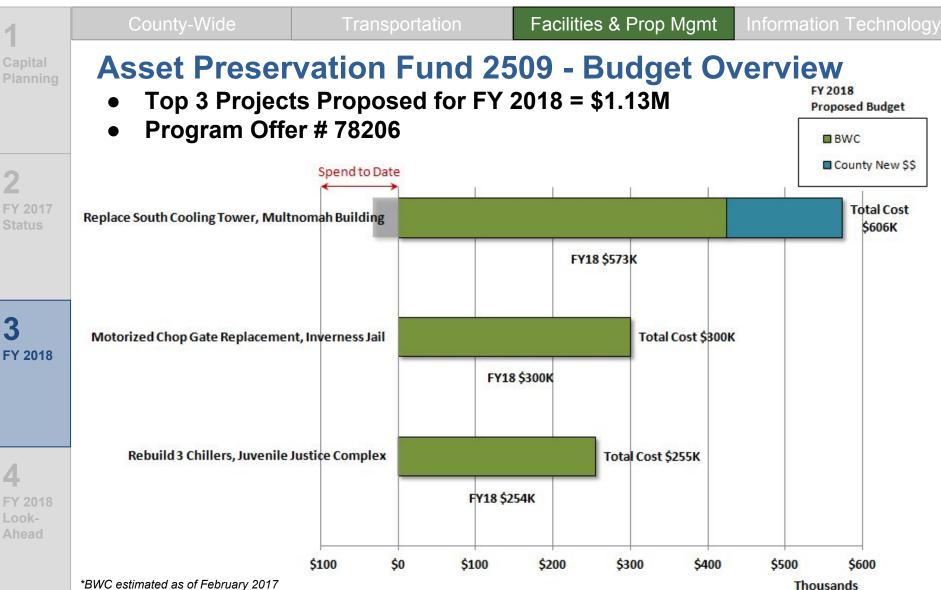
FY 2018 Look-Ahead

FY 2018











Capital Budget Briefing // Seismic Liability

1Capital
Planning

Transportation

Facilities & Prop Mgmt

Information Technology

Seismic Liability

2FY 2017
Status

3 FY 2018

Owned Buildings	2017*	Owned Buildings, Con't	2017*
Justice Center	\$48.9M	Gladys McCoy Building**	\$15.7M
Multnomah Building & Garage	\$41.8M	Multnomah County Courthouse (existing)**	\$70.0M
John B Yeon Facility	\$18.2M	All Other Properties***	\$22.4M
Mead Building	\$12.1M	Total Seismic Liability	\$236.9M
Juvenile Justice Center	\$5.1M	Less Buildings Being Replaced	-\$85.7 M
Inverness Jail	\$2.7M	Adjusted Seismic Liability	\$151.2M

^{*}Estimated adjustment for construction inflation only (x1.21) from original 2009 report.

Source: 2009 Multnomah County Seismic Analysis, by Hennebery Eddy. Actual cost may vary.



^{**}Indicates buildings that are in the process of being replaced.

^{***}Total seismic liability of all remaining County owned buildings combined.

Capital Budget Briefing // Library Operating Capital Summary

1Capital
Planning

County-Wide

Transportation

Facilities & Prop Mgmt

nformation Technology

Library Operating Capital Summary

Central Library Seismic

- \$12.2M (2017)

Fund Status

- Beginning Working Capital: \$2.4M
- FY 2018 Proposed Budget: \$3.7M

FY 2017 Completed Project Highlights

- Woodstock Library Reconfigure and replace flooring
- Central Library Renovate elevators

FY 2018 Project Highlights

- Central Library: Renovate elevators (continued)
- Gresham Library: Resurface roof
- Gregory Heights Library: Restore roof and replace siding









Capital Budget Briefing // Major Milestones

1Capital
Planning

County-Wide

Transportation

Facilities & Prop Mgmt

nformation Technology

FY 2018 Look Ahead

- Update Facilities Asset Strategic Plan
- Analyze Capital Rate Structure
- Consolidation
- Redevelopment and Disposition Planning

3 FY 2018





Capital Budget Briefing // Major Milestones

1 Capital Planning Transportation

Facilities & Prop Mgmt

nformation Technology

Questions

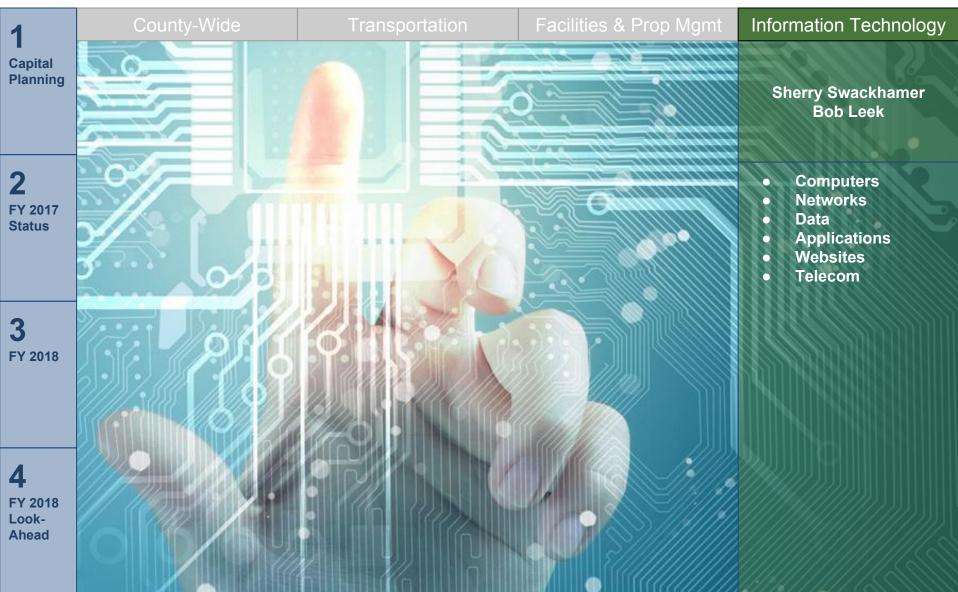
2 FY 2017 Status

3 FY 2018





Capital Budget Briefing // Information Technology





Capital Budget Briefing // IT Capital Planning

1 Capital Planning County-Wide

Transportation

Facilities & Prop Mgmt

Information Technology

Department Strategies - Information Technology

Guiding Principles

- Modernization
- Resilience
- Security

Selection Criteria

- Improved service quality to constituents
- Reduced County risk or liability or mandate
- Return on investment
- Return on mission
- Significant and sustainable cost savings or revenue
- Amount and availability of IT resources









Capital Budget Briefing // IT Capital Planning

1 Capital Planning County-Wide

Transportation

Facilities & Prop Mgmt

Information Technology

Planning Process - Information Technology

Assess Current Technology Portfolio

- Technology Fitness Assessment
- Customer Feedback
- Mandates

Identify Future Needs

- Lifecycle Replacements
- Changes in Department Service Delivery needs
- Technology Trends

Prioritize for Capital Planning

- 20 year perspective
- 5 year technology improvement plan
- Annual Capital Budget







Capital Budget Briefing // IT Capital Planning: Fit Assessment

1 Capital Planning County-Wide

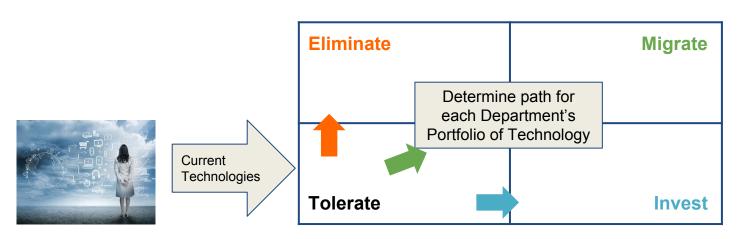
Transportation

Facilities & Prop Mgmt

Information Technology

Technology Fitness Assessment

- Categorize the most critical technology components and applications utilized by each Department; develop risk mitigation plan for each
- Assessment Questions measure Technical Quality and Business Value:
 - How well does the application meet the current business process?
 - What is the level of data quality and integrity, and how available is it to the business?
 - How reliable and robust is the application; how dependent is it on key resources?
 - How well does the application align with the current and future system architectures?
 - To what extent will the application meet the future needs of the business?







Capital Budget Briefing // FY 2017 Status

1 Capital Planning Transportation

Facilities & Prop Mgmt

Information Technology

FY 2017 Project Updates

2 FY 2017 Status

5 FY 2018

FY 2018 Look-

Project	Budget	Est. Spend	FY 2017 Status
DA: Crimes Replacement Assessment	\$1,574,456	\$547,711	Planning - Resources within the County and the vendor have been identified. The project officially kicked off in January 2017. Gap analysis and business process reengineering work is underway. Continues in FY 2018.
ENT: Technology Improvement Program	\$288,000	\$18,924	Planning - Animal Services system replacement begins in March 2017. Remaining funds will be applied to technology replacement priorities. Continues in FY 2018.
DCM: Budget System Implementation	\$239,095	\$0	Planning - New system modules to include multi-year budgeting that will support grant and project budgeting. Continues in FY 2018.
DCM: Enterprise Resource Planning	\$2,008,714	\$1,513,83 7	Planning - Finishing design. Key contracts signed in December 2016. Project kicks off in June 2017. Remaining funds will be applied to technology replacement priorities.
DCM: SRM Optimization	\$150,000	\$150,000	Implementation - Contracting and Procurement module added to Sciquest.
MCHD/DCHS/DCJ Healthcare Transformation	\$766,720	\$77,901	Implementation - Continued progress on two projects, EDIE and Pre-Manage. Prioritization for additional projects is moving forward. Continues in FY 2018.

^{*}Estimated spend as of February 2017



Capital Budget Briefing // FY 2017 Status

1 Capital Planning Transportation

Facilities & Prop Mgmt

Information Technology

FY 2017 Project Updates - Continued

2 FY 2017 Status

3 FY 2018

Project	Budget	Est. Spend	FY 2017 Status
DCA: Cybersecurity	\$1,266,610	\$482,424	Implementation - Phase 3 - Multiple subcomponents to this project at various stages of development, implementation, and completion. Continues in FY 2018.
DCA: Continuity of Operations	\$114,630	\$40,510	Closing - The new VPN platform was fully operational in December 2016. Remaining funds will be applied to technology replacement priorities.
DCA Convergence/Voice Over IP	\$165,158	\$136,373	Closing - Estimated Completion June 2017. Remaining funds will be applied to technology replacement priorities.
DCM: SAP Enhancements	\$237,740	\$0	Cancelled - Due to the ERP Program, enhancements to SAP have been curtailed. Remaining funds will be applied to technology replacement priorities.
DCA: Portfolio Management	\$50,000	\$0	Cancelled - Facilities asset/portfolio management addressed as part of the ERP Program. Remaining funds will be applied to technology replacement priorities.

^{*}Estimated spend as of February 2017



Capital Budget Briefing // FY 2018 Requests

1 Capital Planning Transportation

Facilities & Prop Mgmt

Information Technology

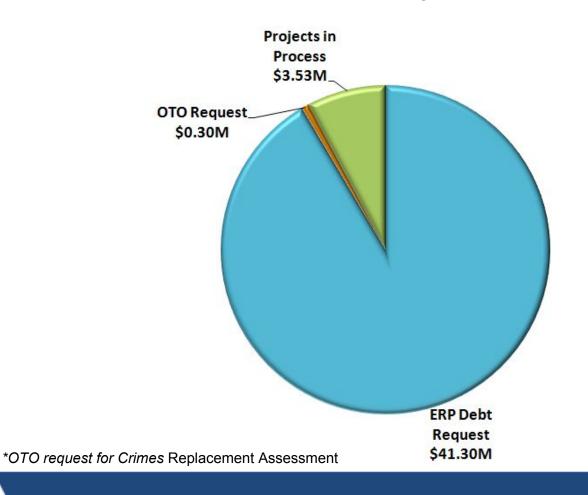
FY 2018 Project Requests

Total Proposed IT Capital Budget: \$45.13M



3 FY 2018

FY 2018 Look-



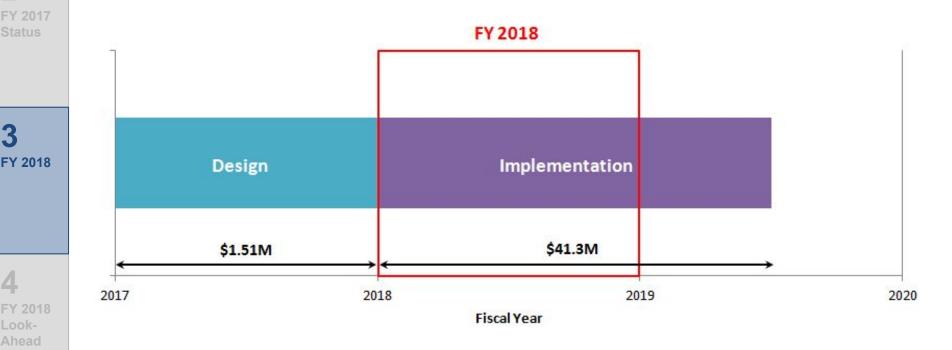


Capital Budget Briefing // FY 2018 Major Project Proposed

Information Technology

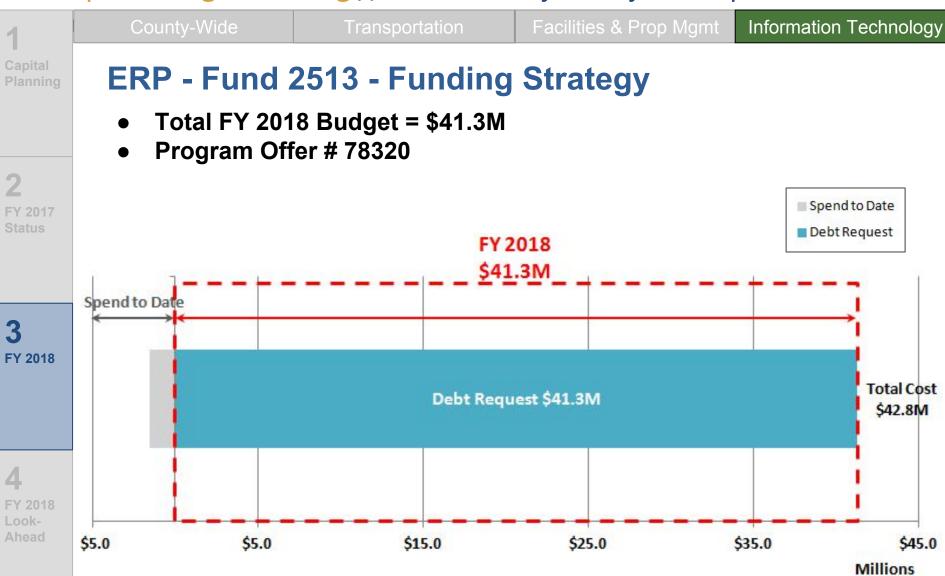
ERP - Fund 2513 - Schedule

- **Total FY 2018 Budget = \$41.3M**
- Program Offer # 78320





Capital Budget Briefing // FY 2018 Major Project Proposed





Capital Budget Briefing // Information Technology Fund 2508 &

1 Capital Planning County-Wide

Transportation

Facilities & Prop Mgmt

Information Technology

FY 2018 New and OTO Project Requests

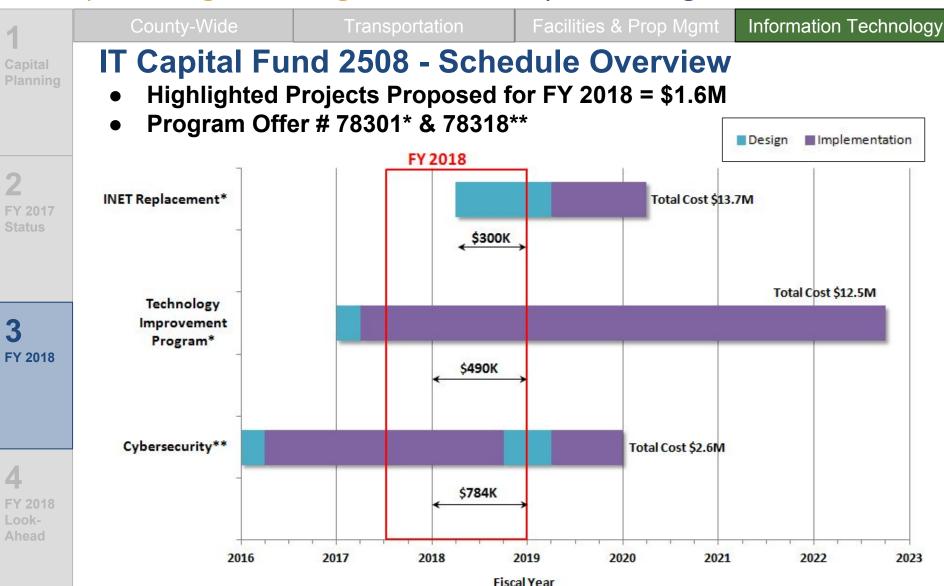
- CRIMES System Replacement PO # 78319
 - Replace the DA's obsolete case management system
 - Incremental funding for additional resources in FY 2018
 - \$300K
- Enterprise Resource Planning System Replacement PO # 78320
 - Replace obsolete enterprise resource planning system
 - Funding for implementation and first year of operations
 - \$41.3M

4 FY 2018 Look-Ahead

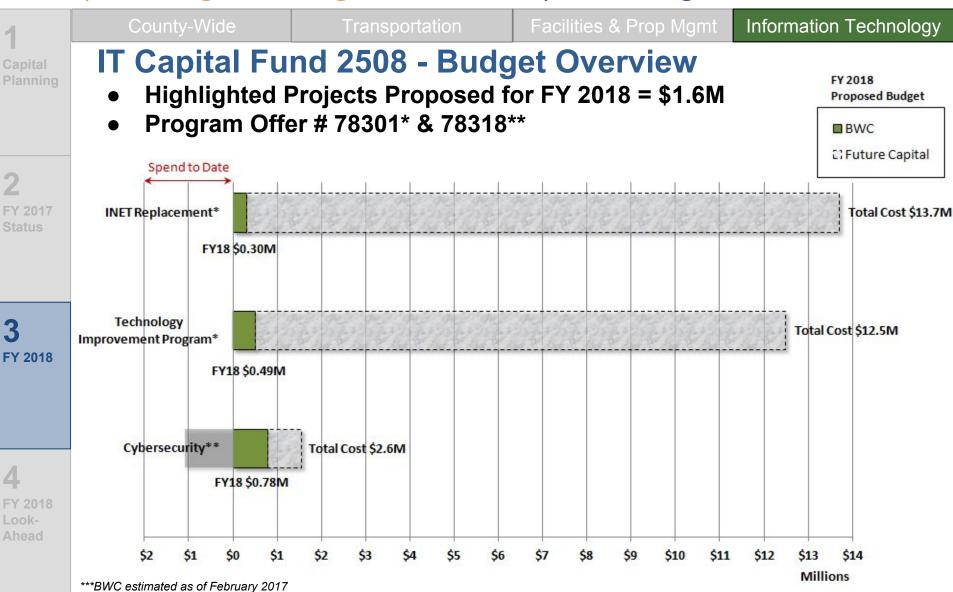
FY 2018













Capital Budget Briefing // Major Milestones

1 Capital Planning e Transportat

Facilities & Prop Mgmt

Information Technology

FY 2018 Look Ahead

- **Z** FY 2017
- ERP Program: the *primary focus*
- Complete projects in process
- Initiate Technology Fitness Assessment to address technology obsolescence

3 FY 2018





Capital Budget Briefing //

1 Capital Planning County-Wide

Transportation

Facilities & Prop Mgmt

Information Technology

Questions



PY 2017 Status

3 FY 2018





Capital Budget Briefing // County-Wide

County-Wide FY 2017 FY 2018 FY 2018 Look-**Ahead**



Capital Budget Briefing // Next Steps

1Capital
Planning

County-Wide

Transportation

Facilities & Prop Mgmt

nformation Technology

Strategic Capital Planning - Next Steps

20 Strategic Capital Needs Report July 2017

Policy Review and Recommendations October 2017

DRAFT 20 Year Strategic Capital Plan January 2018

3 FY 2018







Capital Budget Briefing // Questions

Capital Planning

2 FY 2018

3FY 2017
Status

