



FY 2017 Capital Budget

Transportation, Facilities and
Property Management, and
Information Technology

Department of County Management
Marissa Madrigal, Chief Operating Officer

Strategic Capital Planning
Peggy Coffman Yates, Director

Department of Community Services
Kim Peoples, Director

Department of County Assets
Sherry Swackhamer, Director

April 27, 2016

2017 Program Offer: 72013

Capital Asset Strategic Planning

- Guide and coordinate the County's Capital Asset Strategic Planning process
- Create and monitor a countywide capital plan
- Link capital planning through integrated modeling



2016 Highlights:

- Convened a Strategic Capital Planning Steering Committee
- Drafted a Committee Charter
- Recruited the Capital Asset Strategic Planning Director



- Proposed Capital Budget Overview
 - Background
 - Strategy
 - Status
- Transportation
- Facilities and Property Management
- Information Technology
- Wrap Up
- Questions



Background

- In the early 2000's reserves were dangerously low
 - Multiple years of mid-year budget cuts
 - One Time Only (OTO) spent to sustain programs
 - Limited investment in public infrastructure
- Deliberate 20 year capital planning is critical
- Focus to provide safe, resilient and modern infrastructure to deliver critical community services to the public



20 Year

- **Strategic Capital Plan:** Prioritize Projects Based on Long Range Values, Needs and Opportunities

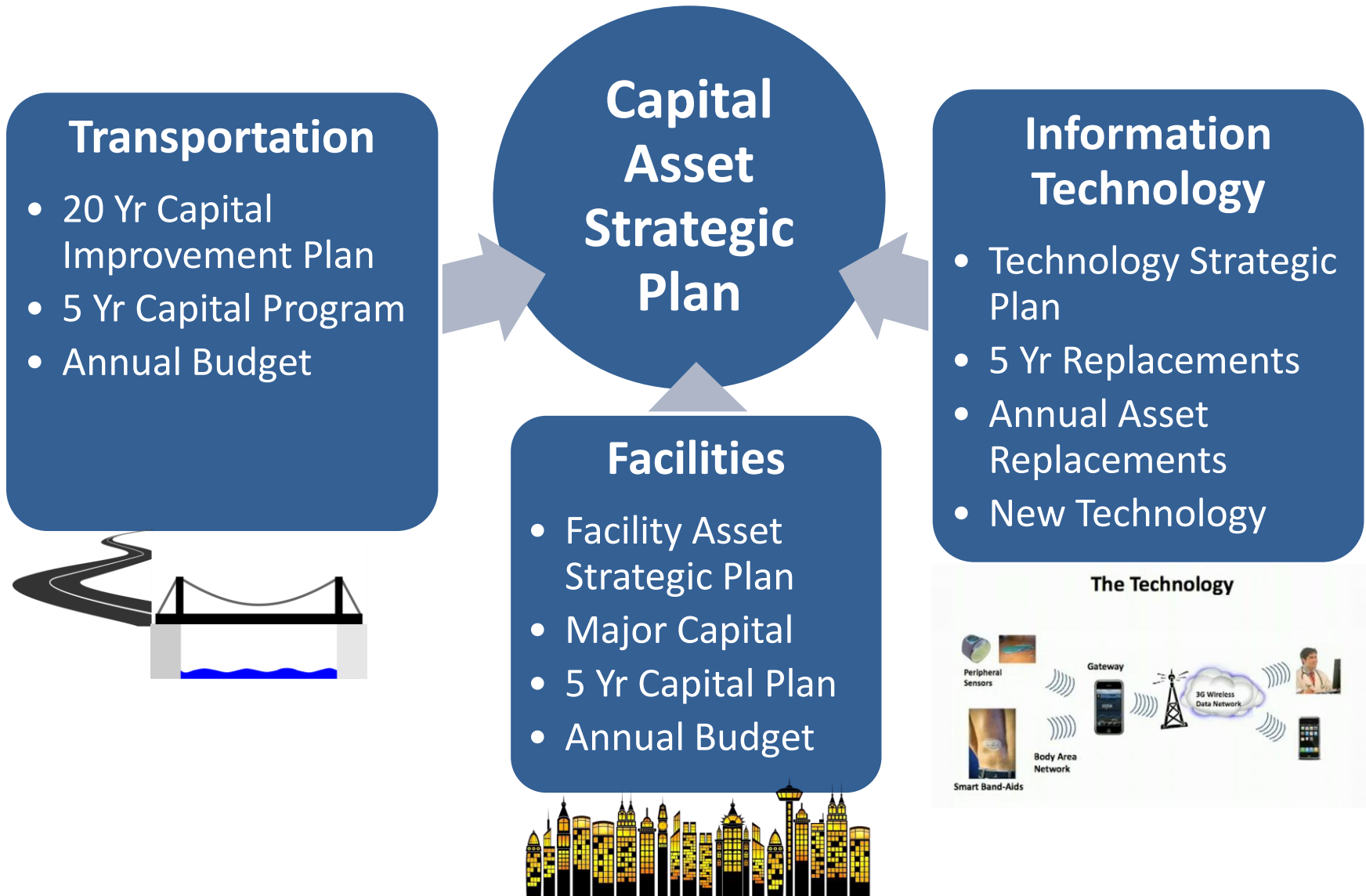
5 Year

- **Capital Improvement Program:** Captures financing, cash flow and construction schedules of all Capital Projects

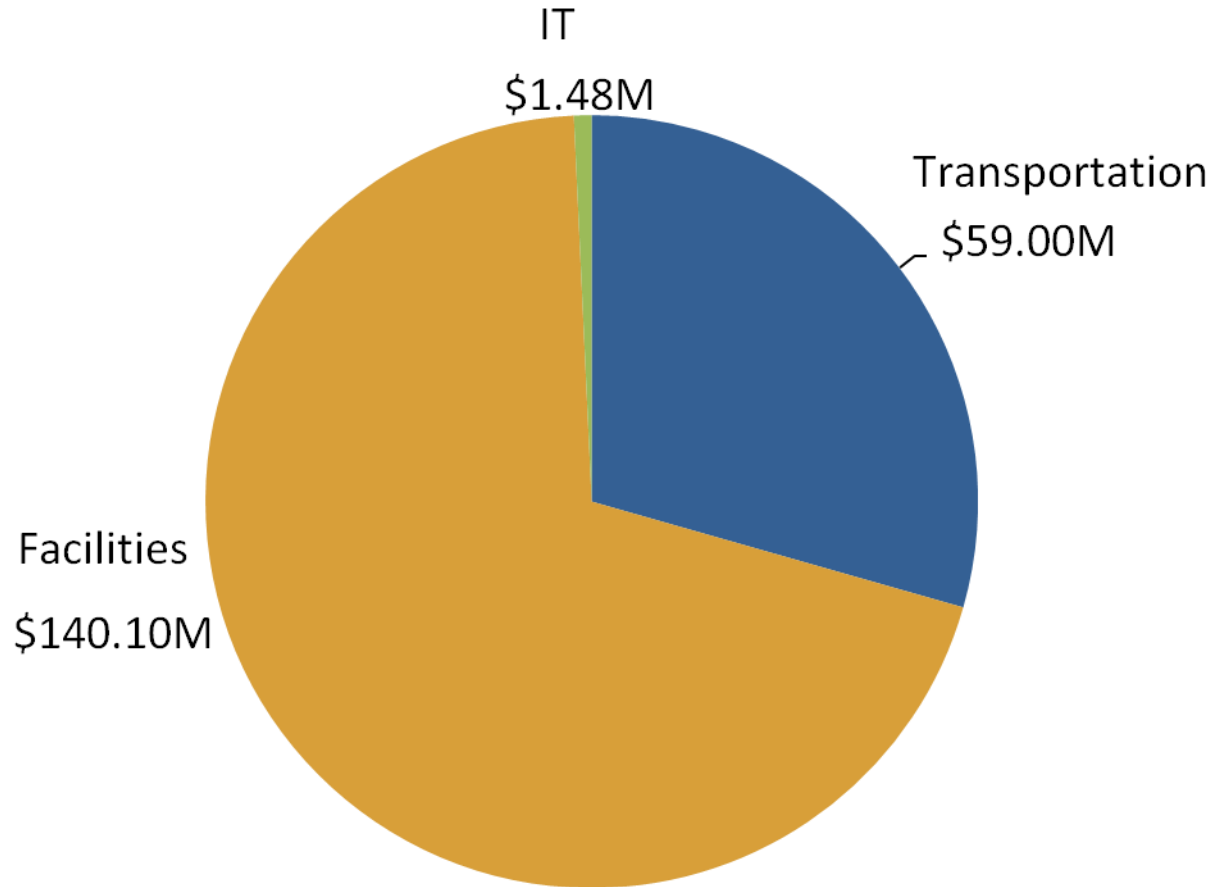
Annual

- **Capital Budget:** Identify upcoming year's schedule of work and funding requirements





FY 2017 Proposed New Funds: \$200.58M*



*Includes OTO, external funding and financing proceeds. Actual cash flow requirements will dictate timing of debt issuance.



Questions





FY 2017 Transportation Capital Budget

Presentation to the Board of
County Commissioners

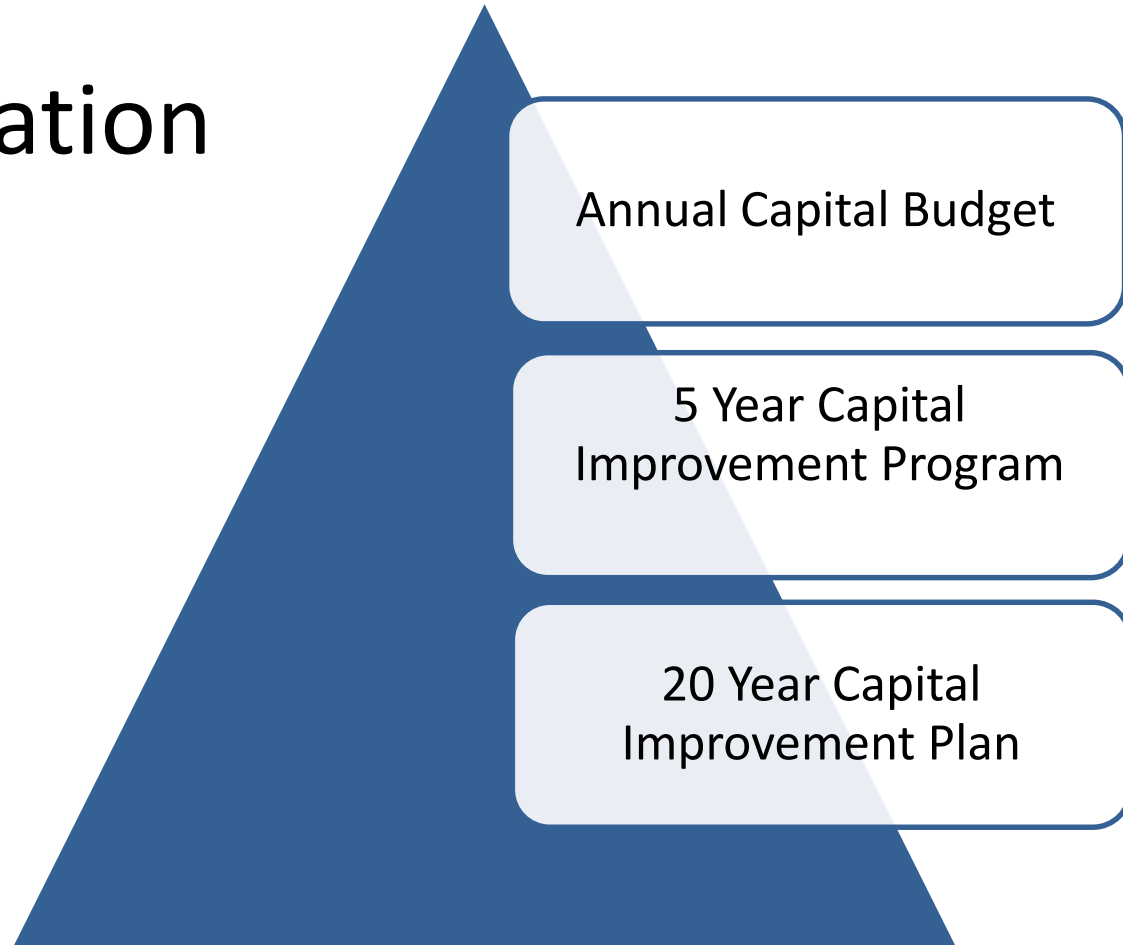
Department of Community Services

Kim Peoples, Department Director

Ian Cannon, Transportation
Director/County Engineer

April 27, 2016

Transportation Capital Planning

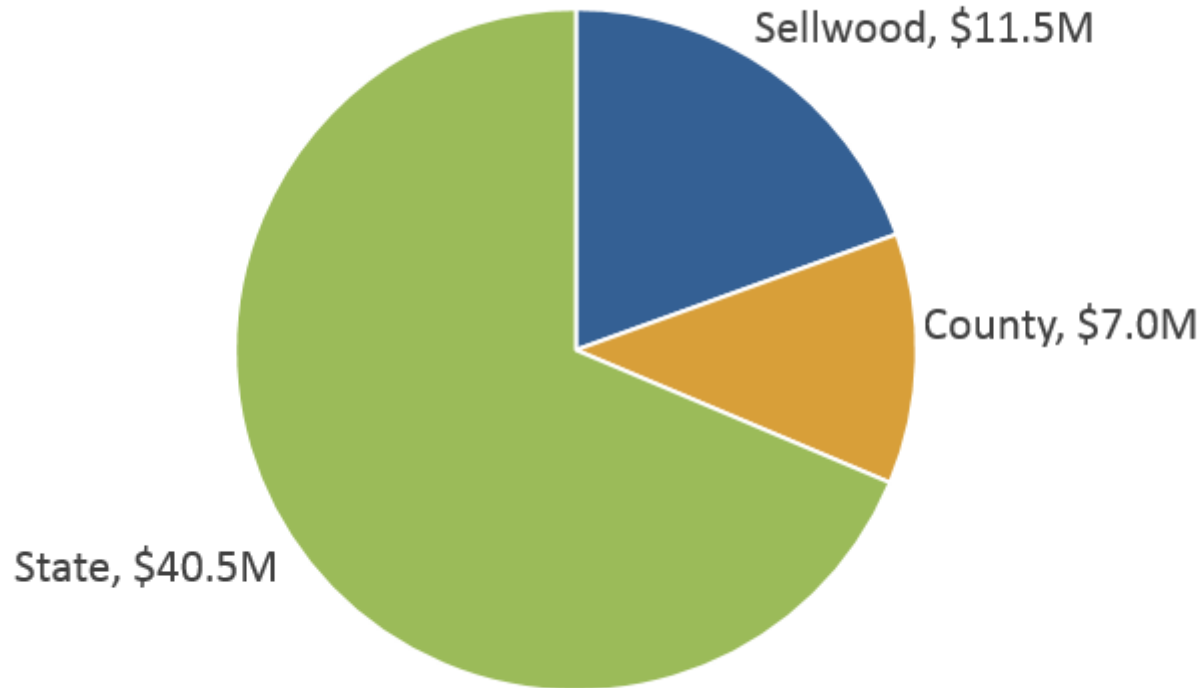


Capital Planning Process

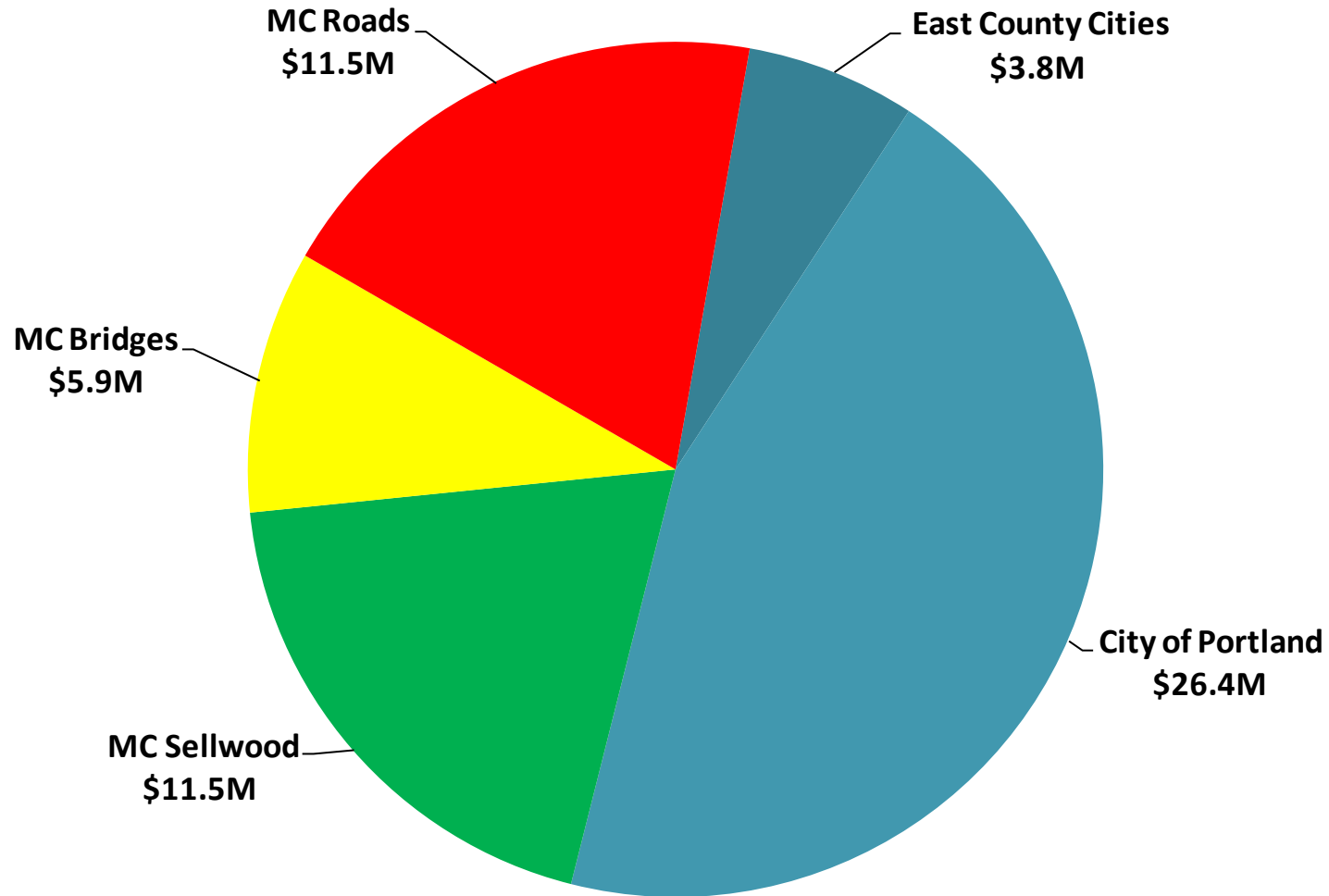
- Selection Criteria:
 - Safety
 - Support Land Use Goals
 - Engineering Evaluation
 - Community Input
 - Equity Lens
 - Other Board Values
 - Seismic Resiliency
- Regional Transportation Plan
 - Administered by Metro
 - Federal funds
 - Within Metro boundaries
 - Not rural



FY 2017 Transportation Revenue \$59M



FY 2017 Revenue Distribution \$59.0M



FY 2017 Program Offer: 91013-17



Road Services Fish Passage - Culverts

Project	FY 2016 Funding	FY 2017 Funds	Status	Estimated Completion
Marine Drive Repair (\$0.35M)	\$0.35M	\$0.35M	Construction	FY 2017
SE 267 th Ave Replacement (\$0.36M)	-	\$0.36M	Design	FY 2018
Cottrell Rd Replacement (\$0.37M)	\$0.37M	\$0.30M	Design/Construction	FY 2018
Stark St Replacement (\$1.20M*)	\$1.20M	\$0.90M	Design/Construction	FY 2018
Reeder Rd Replacement (\$0.30M)	\$0.30M	-	Design	FY 2018
Cochran Rd Replacement (\$0.68M)	\$0.18M	\$0.68M	Design	FY 2019

* Indicates projects using federal funds



FY 2017 Program Offer: 91013-17



Road Services Roads

Project	FY 2016 Funding	FY 2017 Funds	Status	Estimated Completion
Arata Road (\$4.50M*)	\$3.90M	\$3.80M	Construction	FY 2017
Sandy Boulevard (\$1.70M*)	\$0.70M	\$1.44M	Construction	FY 2017
Oxbow Park Road Repair (\$0.48M)	\$0.48M	\$0.30M	Design	FY 2018
238 th Drive (\$9.50M*)	-	\$0.45M	Design	FY 2019
Cornelius Pass (\$4.90M*)	-	\$0.75M	Design	FY 2019

* Indicates projects using federal funds



FY 2017 Program Offer: 91013-17



Bike and
Pedestrian

Project	FY 2016 Funding	FY 2017 Remaining	FY 2017 Status	Estimated Completion
Troutdale Road Sidewalk Infill (\$0.10M)	\$0.07M	\$0.03M	Design	FY 2017
Sandy Boulevard Sidewalk Infill (\$0.08M)	\$0.08M	\$0.04M	Construction	FY 2017
East County ADA Ramps (\$0.05M)	\$0.05M	\$0.03M	Construction	FY 2017
WRB Bike/Pedestrian Master Plan (\$0.10M)	-	\$0.10M	Study	FY 2018

FY 2017 Program Offer: 91013-17



Willamette River Bridges

Project	FY 2016 Funding	FY 2017 Funds	Status	Estimated Completion
Sellwood Bridge Replacement (\$321.10M*)	\$61.60M	\$37.50M	Construction	FY 2017
Morrison Deck Replacement (\$7.90M*)	\$1.50M	\$5.90M	Design and Construction	FY 2017
Burnside Feasibility Study (\$3.00M)	\$0.50M	\$1.30M	Study	FY 2018
Broadway Rall Wheel (\$10.00M*)	\$1.00M	\$8.50M	Design and Construction	FY 2018
Burnside Maintenance (\$29.97M*)	\$2.25M	\$1.69M	Design	FY 2019

* Indicates projects using federal funds



Seismic Liabilities

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

Total Estimated Seismic Liability: \$705.4M



Transportation Highlights:

- 5 Year Program Summary
 - Roads: infill, bicycle/pedestrian connectivity, fish passage, NO pavement rebuild
 - Willamette River Bridges: Sellwood, preservation, Burnside Seismic Resiliency
- 20 Year Need
 - Roads: \$0.5 billion
 - Willamette River Bridges: \$1.3 billion

What's Next?

- Funding
 - Federal funding essentially flat
 - 2017 State Legislature
 - Local Initiative?
- Burnside Seismic Planning Phase
- Comprehensive Roadway Needs Study



Questions





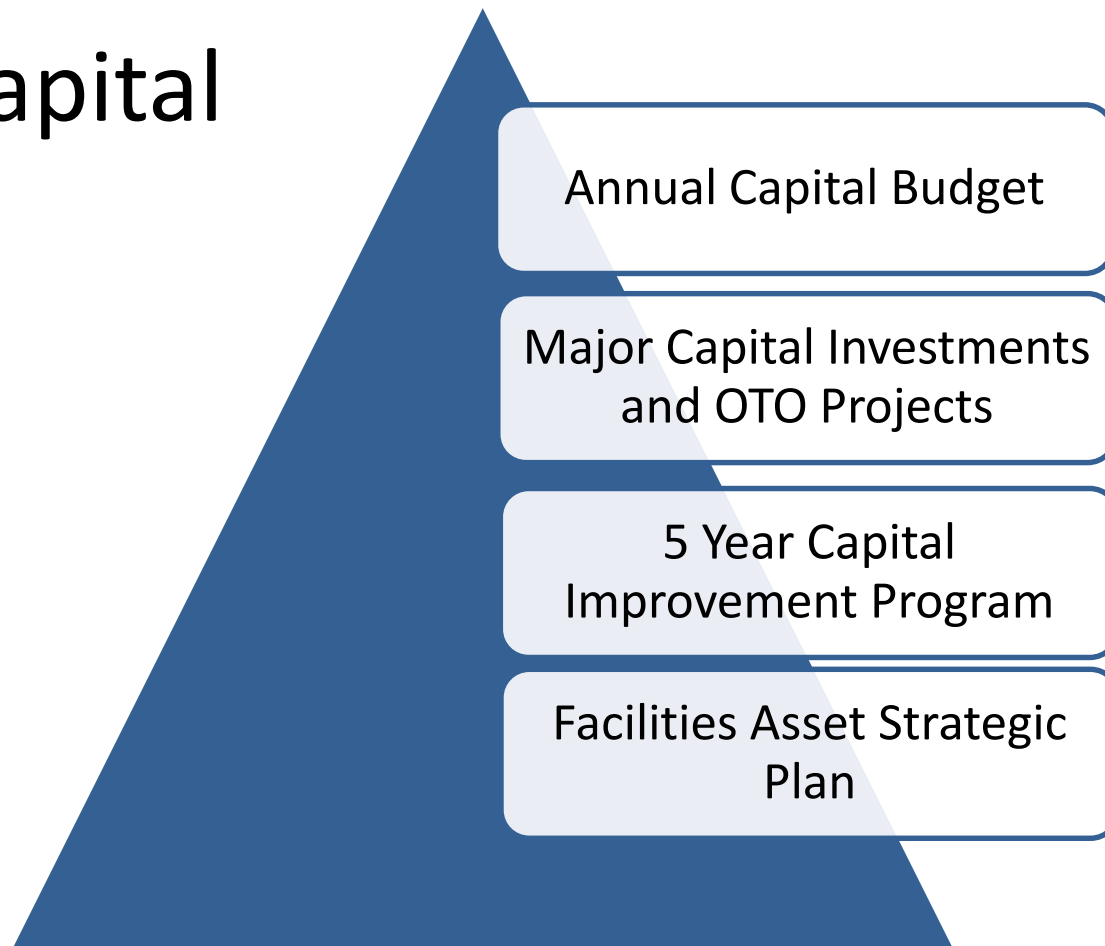
FY 2017 Facilities and Property Management Capital Budget

Presentation to the
Board of County Commissioners

Department of County Assets
Sherry Swackhamer, Director & CIO
Henry Alaman, Director of Facilities &
Property Management

April 27, 2016

Facilities Capital Planning

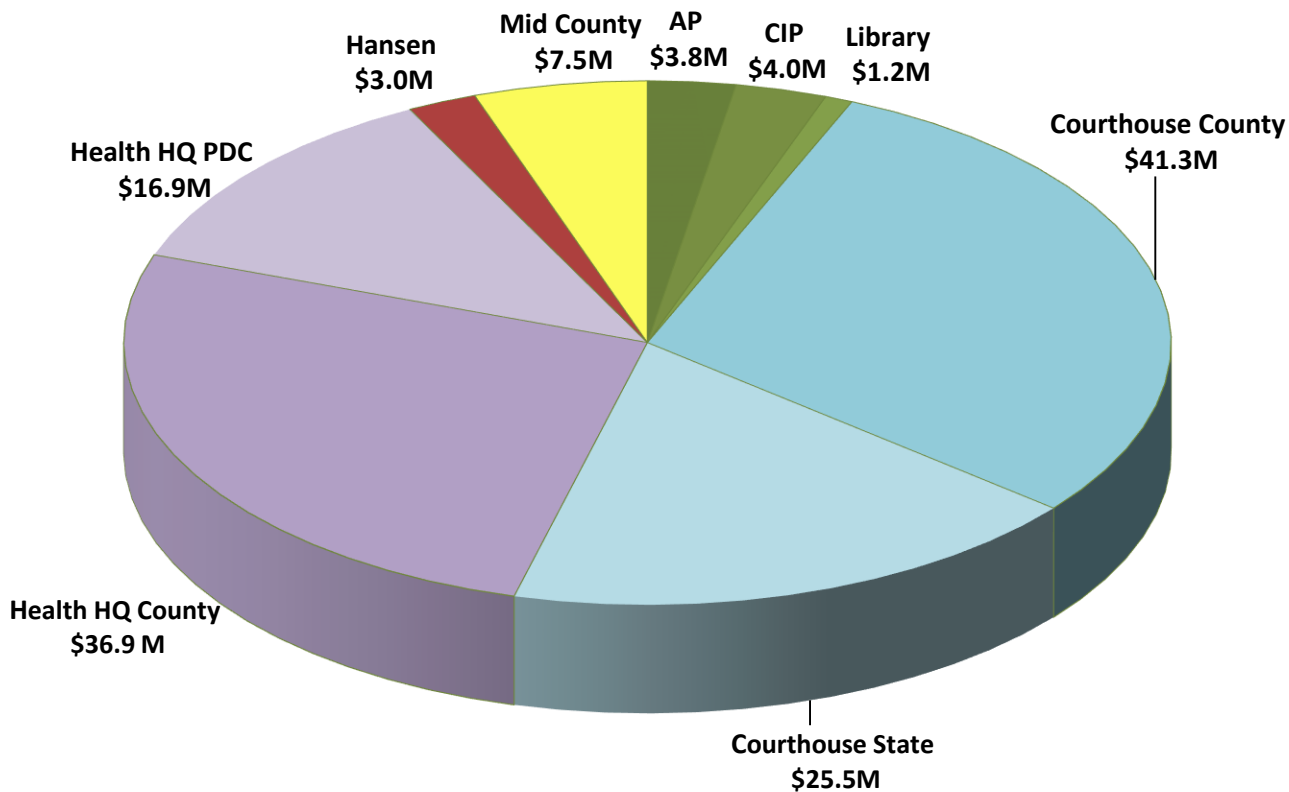


Facilities Capital Planning Objectives

- Improve County program delivery by locating facilities that are accessible, functional and provide long term flexibility
- Recapitalize aging inventory of buildings
- Focus on life cycle of systems and condition assessment
- Improve department/agency service delivery
- Prioritize investments based on condition and life cycle needs



FY 2017 Facilities Proposed New Funds: \$140.1M*



*Includes OTO, financing proceeds, and external funding. Actual cash flow will dictate timing of debt issuance.



FY 2017 Major Capital Investments and OTO Requests

Program Offer	Description	Carryover from FY 2016	FY 2017 OTO Proposed
78212-17	Facilities Downtown Courthouse	\$31.9M	\$19.9M
78214-17	Health Headquarters Construction	\$11.0M	n/a
78218-17	Hansen Building Replacement	\$2.4M	\$3.0M
78220-17	DCJ Mid County Facility	n/a	\$7.5M
79221-17	MCDC Detention Electronics	n/a	\$0.1M



Program Offer: 78212-17

Downtown Courthouse Capital Fund

Downtown Courthouse Capital Fund \$ Millions	Total	County	State
Total Project Budget (range of \$295M - \$300M)	\$300.0	\$175.0	\$125.0
Prior Years' Spend	\$15.4	\$8.4	\$7.0
FY 2017 Proposed Budget (Carryover, OTO, Financing, and External)	\$98.6	\$73.2	\$25.4



FY 2017 Milestones:

- Close sale on three condo units and adjacent property
- Complete Courthouse design and permitting
- Break ground

Program Offer: 78214-17

Health Department Headquarters

Health Headquarters Capital Fund \$ Millions	Total
Total Project Budget (range of \$85M - \$95M)	\$95.0M
Prior Years' Spend	\$5.3M
FY 2017 Proposed Budget (Carryover, Financing and External)	\$64.8M



FY 2017 Milestones:

- Approve design phase (BCC)
- Complete design and permitting
- Break ground

Program Offer: 78218-17

Hansen Building Replacement:

Hansen Building Replacement Capital Fund \$ Millions	Total
Total Project Budget	\$22.1
Prior Years' Spend	\$0.3
FY 2017 Proposed Budget (Carryover and OTO)	\$5.4



FY 2017 Milestones:

- Finalize site selection
- Perform test fits and due diligence
- Approve design phase (BCC)

Program Offer: 78220-17

DCJ Mid-County Facility (Placeholder)

DCJ Mid-County Facility Capital Fund \$ Millions	Total
One Time Only (Proposed)	\$7.5
Prior Years' Spend	\$0.0
FY 2017 Proposed Budget	\$7.5



FY 2016 Achievements

- Completed programming
- Executed option on identified site
- Completed condition assessment and appraisal

Next Steps

- Complete property acquisition
- Approve PSA and FAC-1 (BCC)



Program Offer: 78221-17 MCDC Detention Electronics

New Planning Project to be
completed in FY 2017

MCDC Detention Electronics Capital Fund \$ Millions	Total
Total Project Budget	\$0.1
Prior Years' Spend	\$0.0
FY 2017 Proposed Budget	<u>\$0.1</u>
Remaining Balance to be funded	\$0.0

FY 2016 Capital Program OTO Projects in Process

	FY 2016 Budget	Carryover from FY 2016	2016 Project Status	Estimated Completion
Animal Services Upgrade (\$1M)	N/A	\$0.81M	Planning	TBD
Yeon Above Ground Fuel Tank Replacement (\$0.45M)	\$0.45M	\$0.31M	Finalizing design	FY 2017
Yeon Annex – Reception & Lobby Remodel (\$0.17M)*	\$0.17M	\$0.16M	Potential Redesign	FY 2017
Energy Savings Performance Contract (ESPC) - JJC Lighting (\$1.04M)	\$1.04M	\$1.04M	Contracting	FY 2017
ESPC – Inverness Jail Water (\$1.5M)	\$1.50M	\$1.50M	Contracting	FY 2017
MCSO Suicide Prevention Projects- Vent Covers (\$0.56M)	\$0.56M	\$0.00M	Substantially Complete	FY 2016

*Yeon Annex project current budget of \$.16M will be amended in May.



Summary FY 2017 Capital Improvement/ Asset Preservation Funds

Program Offer	Description	Carryover From FY 2016	FY 2017 Fees	FY 2017 Other Sources	Total
78205-17	CIP	\$7.1M	\$4.0M	\$1.2M	\$11.8M
78206-17	AP	\$9.6M	\$3.8M	\$0.3M	\$13.8M



Capital Improvement/Asset Preservation Projects: FY 2016 & FY 2017 Highlights

Complete in FY 2016

- MCIJ detention electronics
- Mead 4th floor interior upgrades
- Justice Center courtroom upgrades
- Skyline and Springdale Road Shops Upgrades



Ahead in FY 2017

- Mead 5th floor interior upgrades
- Willamette River Boathouse replacement
- Multnomah Building exterior waterproofing
- Animal Services electrical service upgrade (FY 2018)
- North Portland Dental Clinic addition

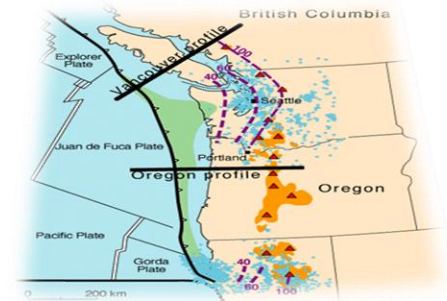


Seismic Liability

Building Name	Tier	Seismic Liability	Building Name	Tier	Seismic Liability
Multnomah Building	Tier 1	\$26.00M	Multnomah County Court House	Tier 2/3	\$57.00M
Multnomah Building Garage	Tier 1	\$8.50M	Justice Center	Tier 2/3	\$40.40M
Juvenile Justice Complex	Tier 1	\$4.20M	John B Yeon Facility	Tier 2/3	\$15.00M
Inverness Jail	Tier 1	\$2.20M	Gladys McCoy Building	Tier 2/3	\$13.00M
			Mead Building	Tier 2/3	\$10.00M
<i>All Other Tier 1 Buildings</i>		<u>\$9.60M</u>	<i>All Other Tier 2/3 Buildings</i>		<u>\$8.90M</u>
Total:		\$50.50M	Total:		\$144.30M

Estimated Total \$195 Million

- *Seismic Assessment: Resolution 03-094*



Library Capital Summary

Library Capital Fund

- Program Offer 78213-17
- FY 2016 Project Balance \$2.2M
- FY 2017 Revenue \$1.2M

Central Library Seismic: \$10.1M

All other Library Seismic*: \$8.3M

Total \$18.4M



Complete in FY 2016

- Rockwood Library maker space, roof and exterior work
- Library ISOM/Adm Building second floor renovation and roof

* (includes Title Wave and ISOM)

Ahead in FY 2017

- Gregory Heights Roof and Siding Replacement (FY 2018)
- Gresham HVAC Replacements (FY 2018)
- Woodstock flooring replacement

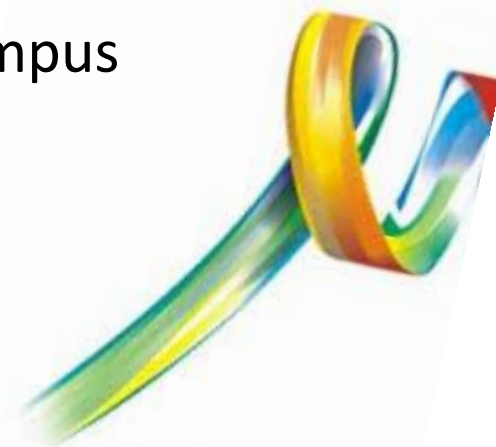


- **Facilities Highlights:**

- Reduction of seismic liability and near term capital reinvestment obligations through new construction project
- Reduction of capital, operating costs, and security risks through consolidation of multiple smaller facilities into single campus

- **What's Next?**

- Continue development efforts
- Capital and operations rate analysis
- Property assessments
- Disposition of North Williams, McCoy, Historic Courthouse



Questions





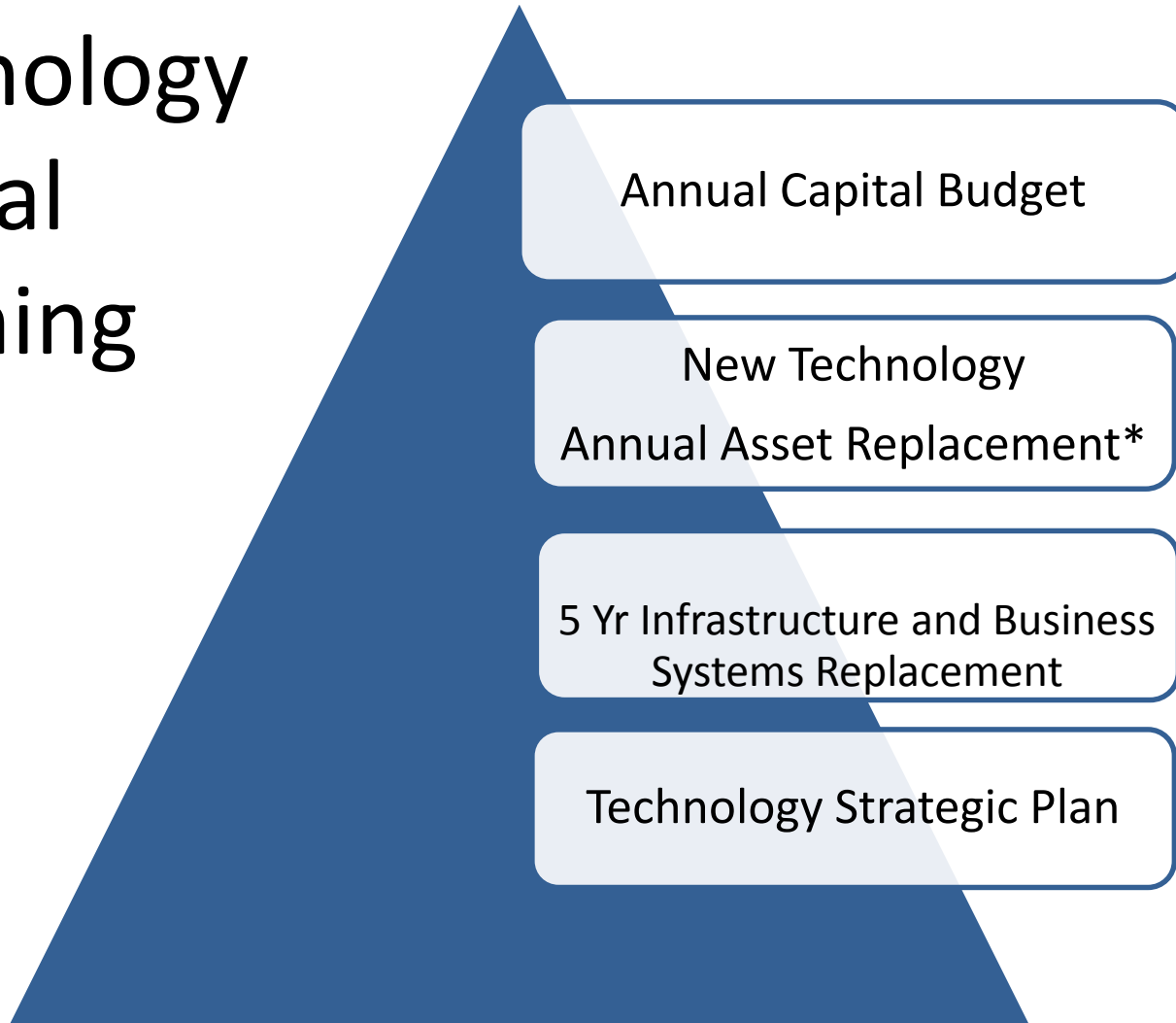
FY 2017 Information Technology Capital Budget

Presentation to the Board of
County Commissioners

Department of County Assets
Sherry Swackhamer, Director & CIO

April 27, 2016

Technology Capital Planning



*Included in rates



Capital Planning Process

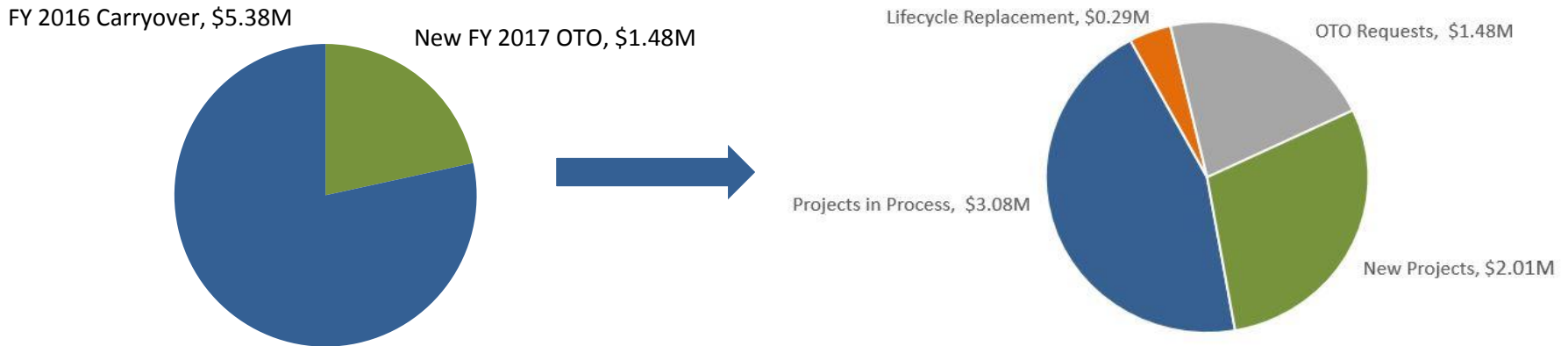
- Guiding Principles
 - Modernization
 - Security
 - Resilience
- Selection Criteria
 - Improved service quality to constituents
 - Reduced County risk or liability or mandate
 - Return on investment
 - Significant and sustainable cost savings or revenue
 - Amount and availability of IT resources



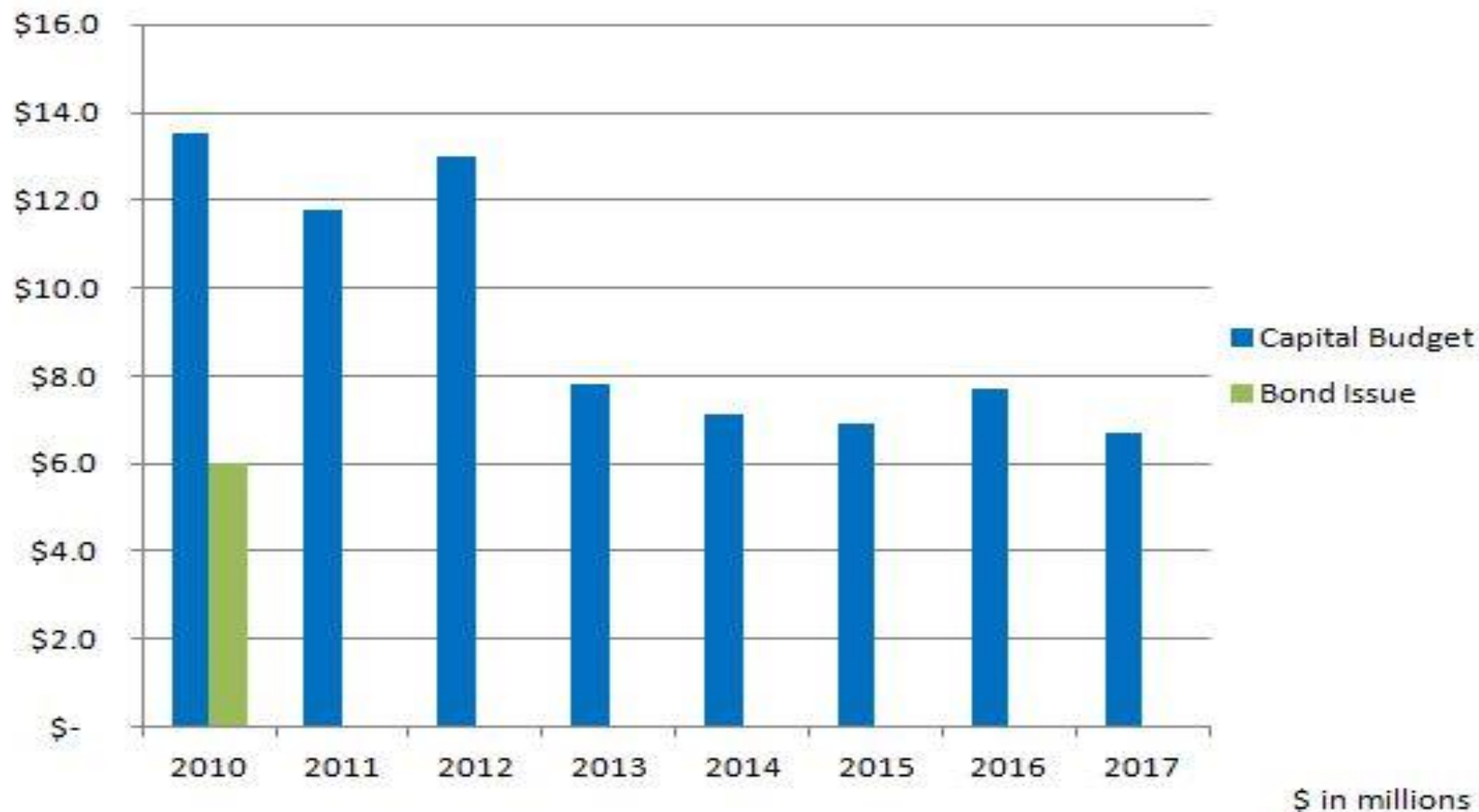
FY 2017 IT Proposed Capital Budget, \$6.86M

FY 2017 New OTO Funds \$1.48M

Carryover from FY 2016 Funds \$5.38M

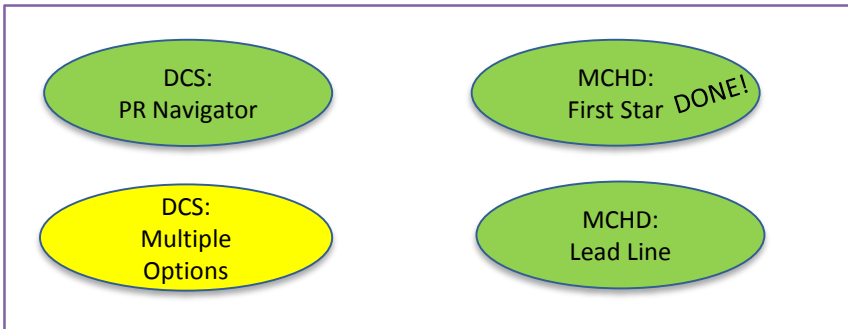


IT Capital Trends: 2010 to 2017 Proposed

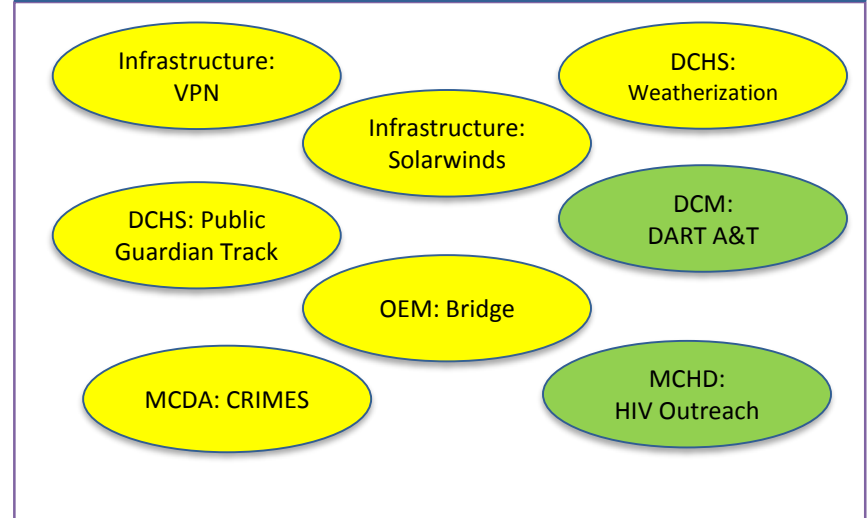


FY 2017 Capital Program // Information Technology

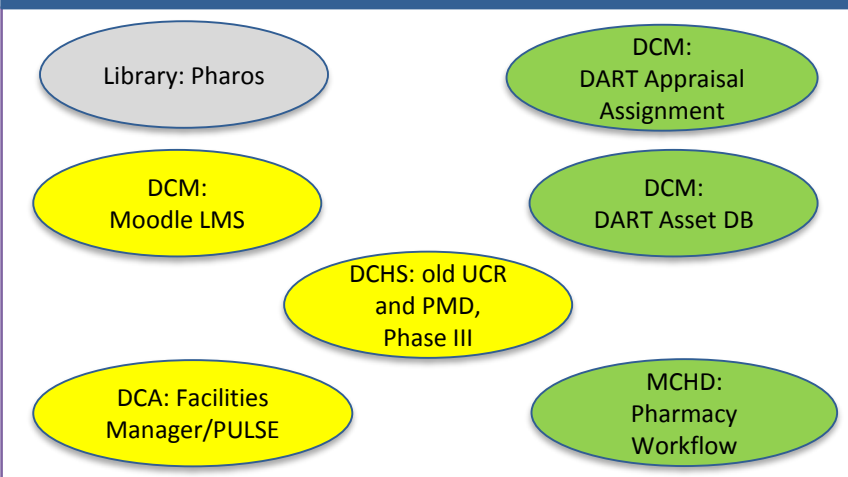
1. Dispose of and replace the application as soon as possible



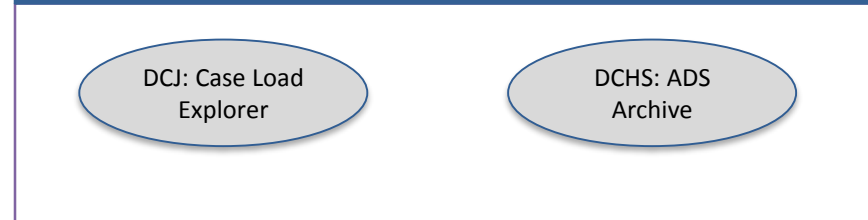
2. Freeze the application and find a replacement



3. Merge the application into other applications



4. Phase out the application over time with no replacement



At risk technologies

Legend:

- Green: Departmental Funding
- Yellow: Technology Capital Funding
- Gray: No Funding Required



FY 2016 Project Update

Project	FY 2016 Budget	Est. FY 2016 Spend	FY 2016 Status
DA: CRIMES Replacement Analysis*	\$100,000	\$5,000	Software selected. Contract in final review, pending funding approval.
DCA: Continuity of Operations/Remote Access*	\$378,500	\$263,900	Implementing. Hardware/software purchased.
DCA: Cybersecurity Initiatives*	\$1,725,000	\$729,400	Implementing. Critical system vulnerabilities addressed. New hardware and software purchased.
DCA: Facilities Asset Management*	\$500,000	\$79,000	Lease System selection in process. Remaining functionality and funds rolling into ERP Preparation and Design scope.
DCA: Network Convergence/Voice Over IP*	\$1,750,000	\$1,113,800	Implementing. Downtown Courthouse and Downtown Justice Center completed. Session Internet Protocol in process.
DCJ: Document Management System**	\$263,600	\$425,000	Implementing DCJ. Scope expanded to include other departments and provide county-wide tool in FY 2017. Licenses purchased in FY 2016 from savings.
DCM: Budget System Implementation*	\$239,100	\$0	Enhanced reporting project scheduled for FY 2017.
DCM: Enterprise Resource Planning Enhancements*	\$890,700	\$232,000	Implementing. SRM enhancements implemented and Performance Management software purchased.
DCM: Enterprise Resource Planning (ERP) Request for Proposal**	\$116,700	\$116,700	Implementing. System integrator and vendor selection in process.
Lifecycle Replacement Funding*	\$1,000,000	\$0	Priority projects spending plan included in FY 2017.
MCHD: Inspection System Implementation**	\$35,300	\$35,300	Completed.
MCHD/DCHS/DCJ: Healthcare Transformation*	\$388,700	\$55,000	Implementing. Digital Technology Program established. Two projects in process. Patient Portal planned for FY 2017.

* Remaining dollars carryover to FY 2017

** Scheduled for completion in FY 2016

\$7,387,600

\$3,055,100

Note: Does not include ~\$1M in unappropriated dollars carried over to FY 2017

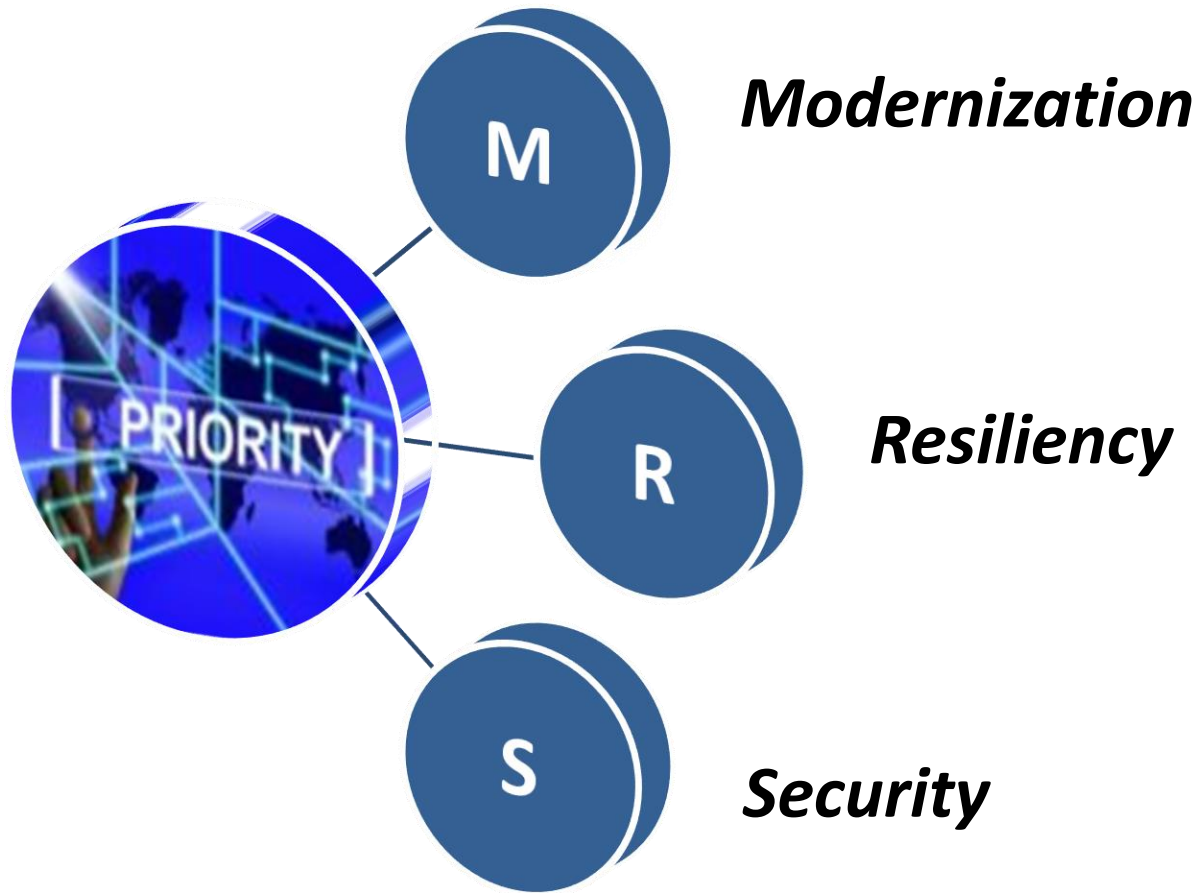


FY 2016 Projects Completed

- DA: CRIMES Replacement Analysis
- DCJ: Document Management System
- DCM: Enterprise Resource Planning Request for Proposal
- MCHD: Inspection System Implementation



FY 2017 Project Priorities



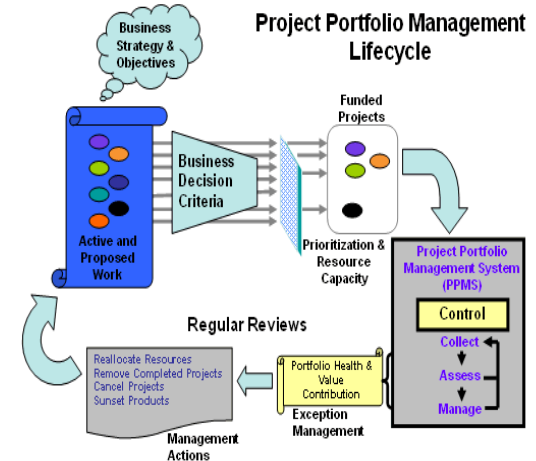
FY 2017 New One Time Only Request, \$1.48M

Program Offer	Description	Carryover from FY 2016	FY 2017 OTO Proposed
78319-17	CRIMES Replacement	\$0.09M	\$1.48M



FY 2017 Project Portfolio

- DA: CRIMES Replacement
- DCA: Continuity of Ops./Remote Access
- DCA: Cybersecurity Initiatives
- DCA: Interim SAP Upgrades
- DCA: Facilities Lease Management System
- DCA: Network Convergence Decommission and SIP Rollout
- DCHS: Universal Client Registry--Phase III
- DCM: Budget System Reporting Enhancements
- DCM: Enterprise Resource Planning Preparation and Design
- MCHD/DCHS/DCJ: Healthcare Transformation



FY 2017 Capital Projects Portfolio Details

Project	Program Offer	FY 2016 Carryover	FY 2017 OTO	Stage	Expected Completion
DA: CRIMES Replacement (\$1.57M)	78319	\$0.09M	\$1.48M	Contract ready to sign.	FY 2018
DCA: Continuity of Ops./Remote Access (\$0.60M)	78300	\$0.11M		Project 1: Complete Project 2: Implementing	FY 2015 FY 2017
DCA: Cybersecurity Initiatives (\$1.73M)*	78318	\$1.27M		Critical vulnerabilities resolved. Implementing tools: 3 phases.	FY2016 FY 2018
DCA: Facilities Lease Management (\$500K)**	78301A	\$0.05M		Software selection.	FY 2017
DCA: Network Convergence Decommission and SIP Rollout (\$7.66M)	78301B	\$0.16M		Closeout.	FY 2017
DCHS: Universal Client Registry (\$0.60M)	78301A	\$0.29M		Phase II: Complete Phase III: Designing	FY 2016 FY 2017
DCM: Budget System Reporting Enhancements (\$1.50M)	78301A	\$0.24M		Phase II: Initiate in FY 2017	FY 2017
DCM: Enterprise Resource Planning Preparation and Design (\$2.01M)*	78301A	\$2.01M		Phase II: Complete Phase III: Prep. and Design	FY 2016 FY 2017
DCM: Interim SAP Upgrades (\$0.90M)**	78301A	\$0.39M		Implementing.	FY 2017
MCHD/DCHS/DCJ: Healthcare Transformation (\$0.40M)*	78301A	\$0.77M		Projects 1 & 2: In process. Project 3: Patient Portal (FY 2017)	FY2017 FY2018

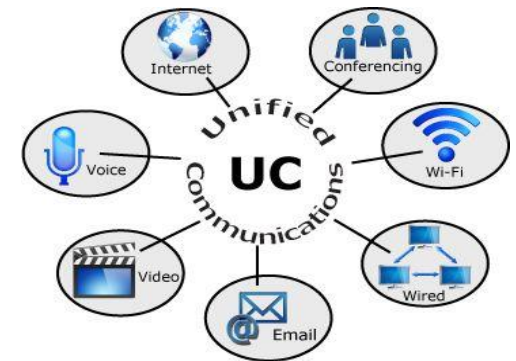
*Allocated additional carryover from FY 2016 based on prioritization

**Remaining carryover allocated to priorities



DCA Network Convergence/VoIP

- FY 2016 Scope
 - Courthouse and Justice Center complete
 - Hansen cancelled
 - Session Internet Protocol (SIP) rolling out
- FY 2017 Scope
 - SIP completion
 - Final decommissioning



Project Budget \$ Millions	Total
Revised Project Budget	\$7.66
Prior Years' Spend (estimated)	\$7.17
FY 2017 Proposed Budget	\$0.15
Dollars reallocated to Priorities	\$0.34

DCM Enterprise Resource Planning

- FY 2016 Scope
 - RFP developed and released
 - Product and system integrator demonstrations complete
 - Selection complete June, 2016

- FY 2017 Scope
 - Vendor contracting
 - Project planning and process analysis
 - Organization-wide change management

ERP: Enterprise Resource Planning System



The integration of business processes that optimize functions across the enterprise (e.g., Supply chain, finance, manufacturing/maintenance, HR, etc.)

Project Budget \$ Millions	Total
FY 2016 Budget	\$0.50
FY 2016 Spend (estimated)	\$0.58
FY 2017 Proposed Budget*	\$2.01

*Carryover from FY 2016 only, no new funding requested for FY 2017



DCA Cybersecurity

- FY 2016 Scope
 - Firewall replacement architecture analyzed and defined
 - Critical system vulnerabilities remediated
 - Email archive solution identified and contract negotiated
- FY 2017 Scope
 - Complete firewall replacement
 - Implement email archive system
 - Implement enhanced security awareness program
 - Deploy cloud application monitoring tools



Project Budget \$ Millions	Total
FY 2016 Budget	\$1.73
FY 2016 Spend (estimated)	\$0.73
Dollars Allocated to Project	\$0.27
FY 2017 Proposed Budget*	\$1.27

*FY 2016 carryover only, no new funding requested for FY 2017



MCHD/DCHS/DCJ: Healthcare Transformation

- FY 2016 Scope
 - Strategic Planning
 - Creation of Digital Technology Program
 - Implementation of two products:
Edie and Pre-Manage
- FY 2017 Scope
 - Patient/Client Portal Analysis and Design
 - Patient/Client Portal Development



Project Budget \$ Millions	Total
FY 2016 Budget	\$0.39
FY 2016 Spend (estimated)	\$0.06
Dollars Allocated to Project	\$0.32
FY 2017 Proposed Budget*	\$0.77

*Carryover from FY 2016 only, no new funding requested for FY 2017

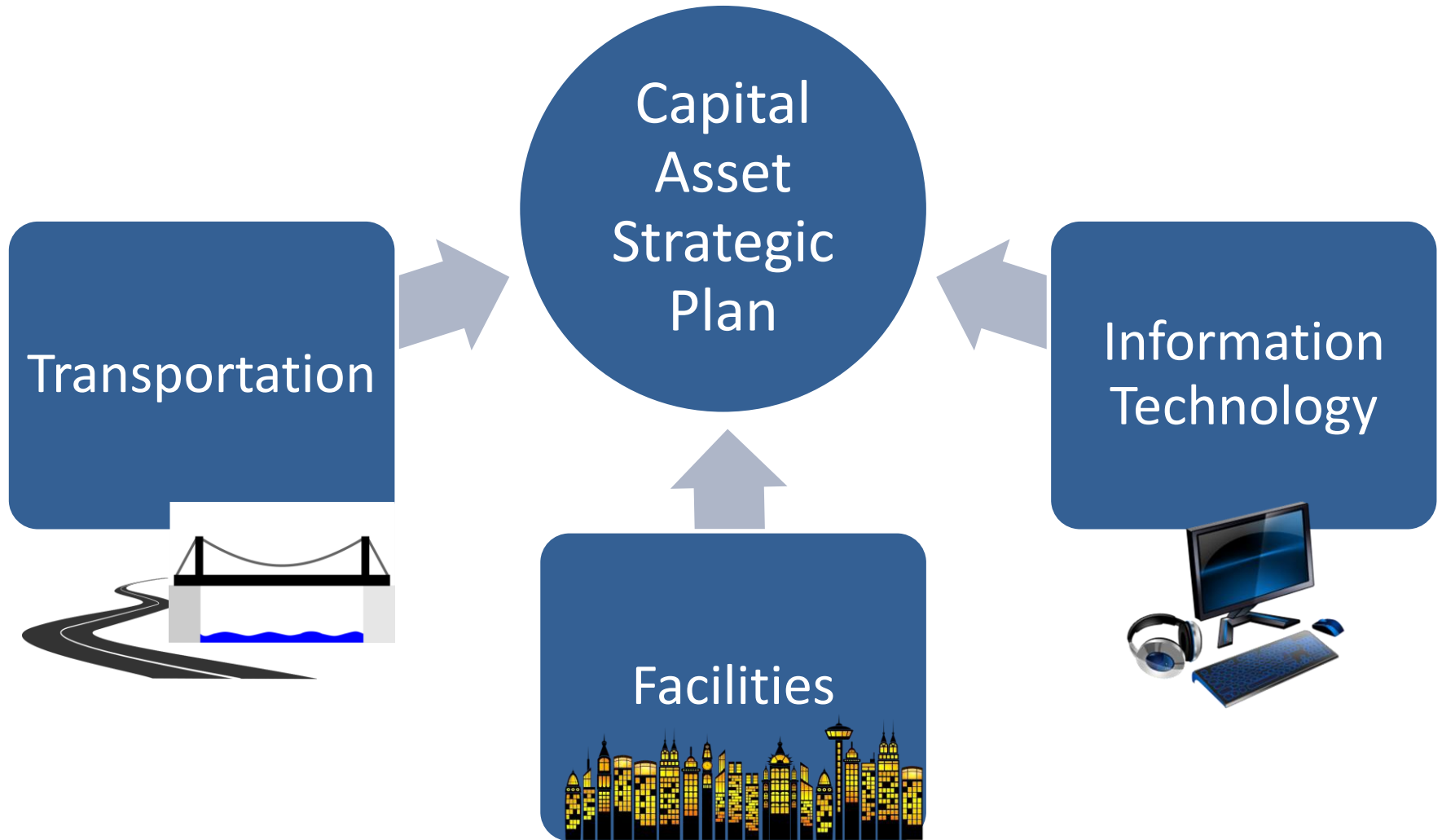


- **Technology Highlights:**
 - Developing Technology Strategic Plan
 - Completing Network Convergence Implementation Scope
 - Selecting ERP Vendor and Systems Integrator
 - Rolling out Business Intelligence and Data Analytics Processes and Products
- **What's Next?**
 - Capital Planning, New IT Capital Fund
 - ERP Planning and Preparation
 - CRIMES Implementation
 - Focus: Modernization, Resiliency, Security

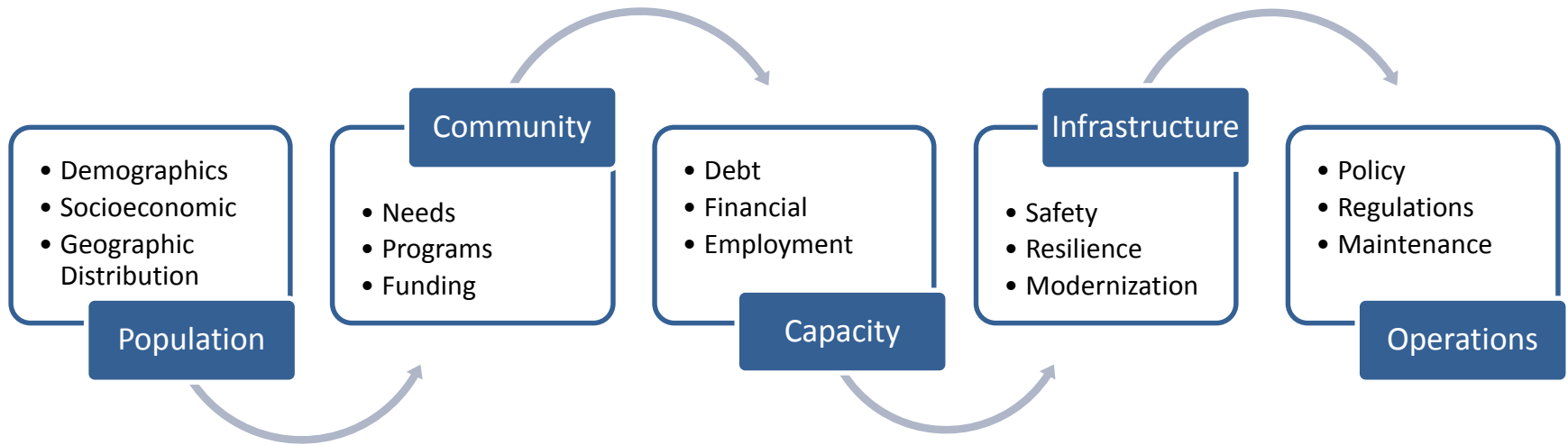


Questions





Capital Asset Strategic Plan: Planning Considerations



What's Next:

- Develop a coordinated 20 year Capital Asset Strategic Plan that addresses the County's infrastructure needs
- Design a framework to support a comprehensive, transparent and flexible planning model
- Establish a uniform process to monitor performance
- Develop a comprehensive capital report



Questions

