FY 2020 Capital Budget Briefing

Transportation, Facilities & Property Management, and Information Technology

> Strategic Capital Planning Program Peggidy Coffman Yates, Director

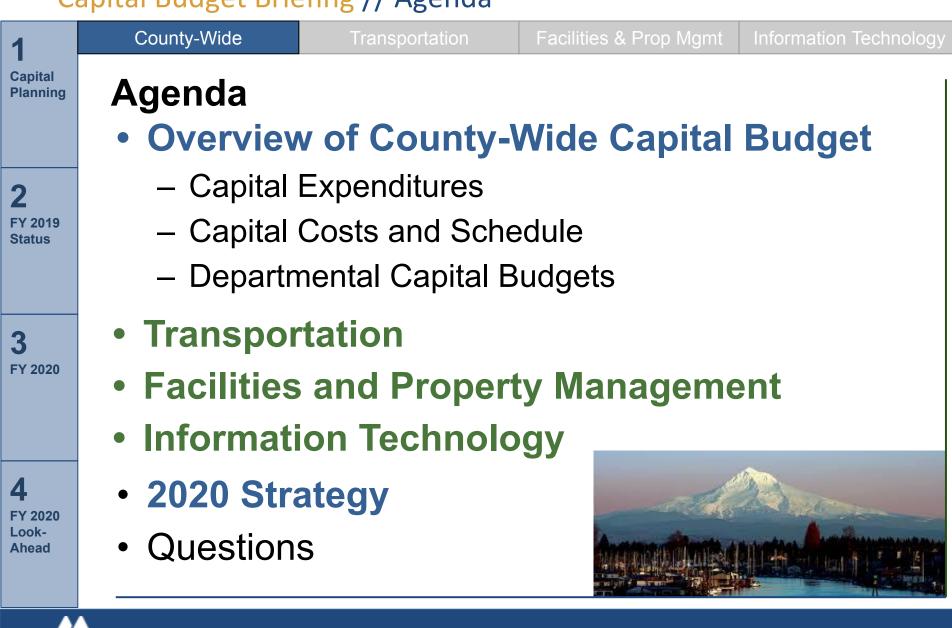
Department of Community Services Ian Cannon, County Engineer

Department of County Assets

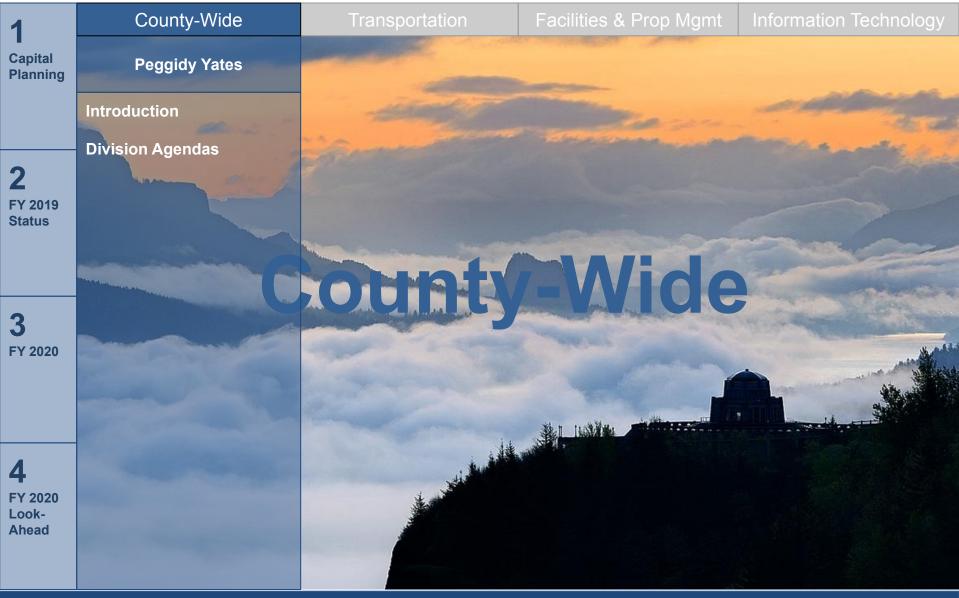
Bob Leek, Interim Director Naomi Butler, Interim Facilities Director Tracey Massey, Interim Deputy CIO

May 1, 2019

Capital Budget Briefing // Agenda

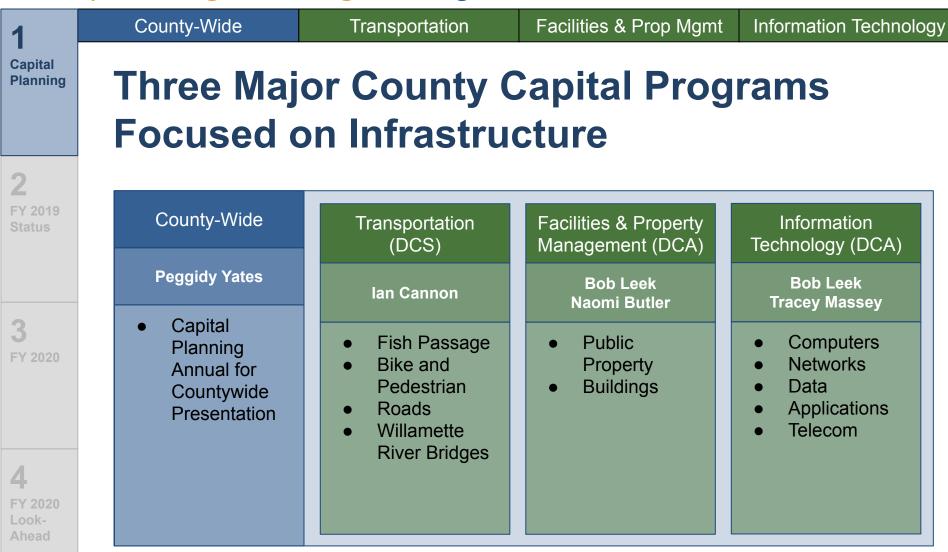


Capital Budget Briefing // County-Wide





Capital Budget Briefing // Background





Capital Budget Briefing // Definitions



Transportation, Facilities, and Information Technology

Capital Expenditures:

- Routine Capital: Maintain existing assets and normal system wide projects i.e. operating capital HVAC
- Non Routine Major Capital: Investment in new infrastructure assets or substantially redevelop current assets that are greater than \$1 million

4 FY 2020 Look-Ahead

FY 2019 Status

> Multnomah County Central Courthouse

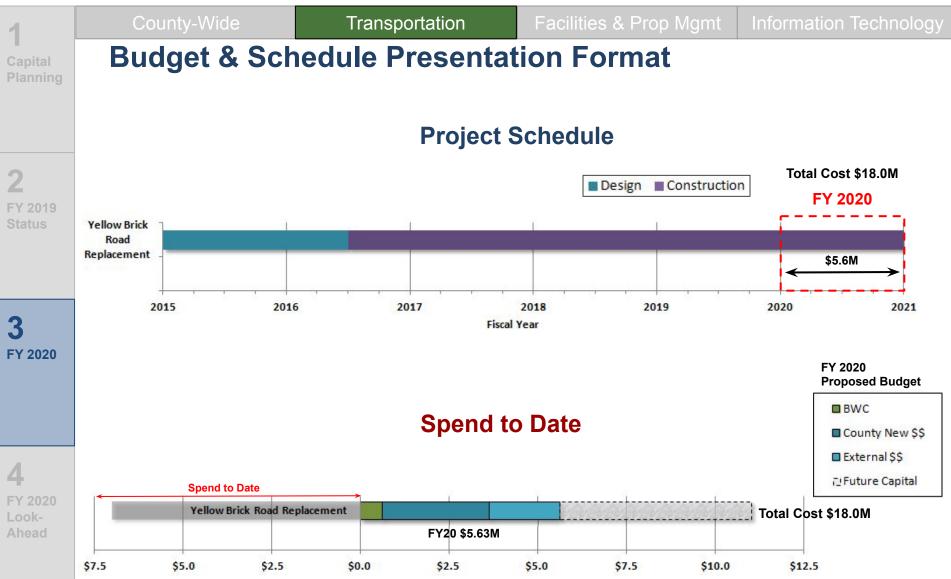




Burnside Bridge

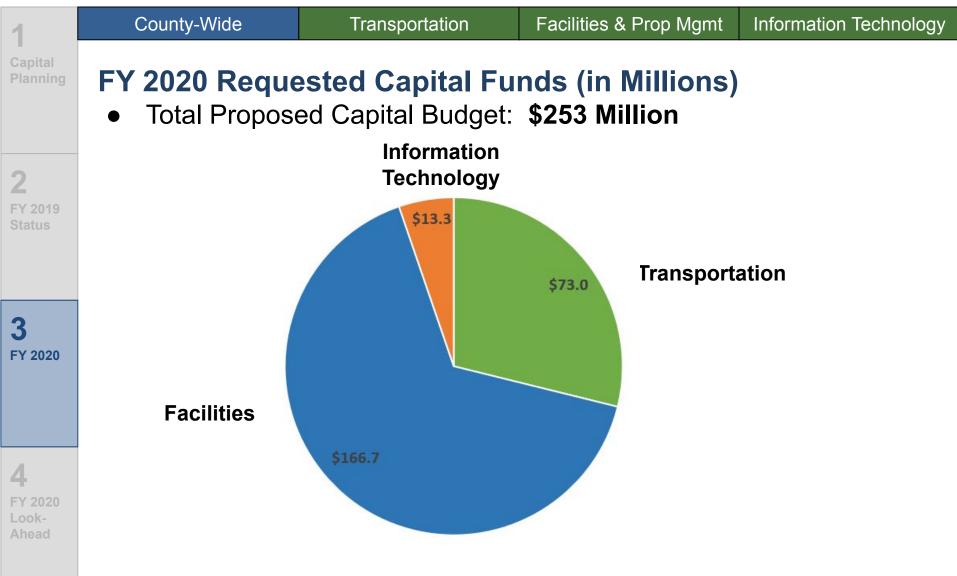


Capital Budget Briefing // FY 2020 Proposed Budget





Capital Budget Briefing // FY 2020 Proposed Budget





Capital Budget Briefing // Transportation

		• • •		1
1	County-Wide	Transportation	Facilities & Prop Mgmt	Information Technology
Capital Planning		lan Cannon		
	and the second	• Fish Passage		
2		Bike and		
FY 2019		Pedestrian		A
Status	A Caller	Roads		
		זרכיל פינכשר "י"		
		E.ric.je	PACUL	
3 FY 2020		Seismic		
FT 2020		Liabilities		
4				
- FY 2020				
Look- Ahead				



Capital Budget Briefing // Capital Planning

1	County-Wide	Transportation	Facilities & Prop Mgmt	Information Technology				
- Capital Planning	Department Strategies - Transportation							
2 FY 2019 Status	 Transportation Capital Improvement Plan & Program Bridge CIP minor update since 2015 major effort Road CIP major update Completion anticipated Fall 2019 American with Disabilities Act 							
3 FY 2020	 Funding Current funding inadequate for Capital needs Current funding causes deferred maintenance HB 2017 not a panacea 							
4 FY 2020 Look- Ahead	 Earthquake Working Robust s Strong compared 	oportunities Ready Burnside I on environmental r takeholder and cor ollaboration with pa ect Delivery Proce	eview phase nmunity involveme irtner agencies	nt				

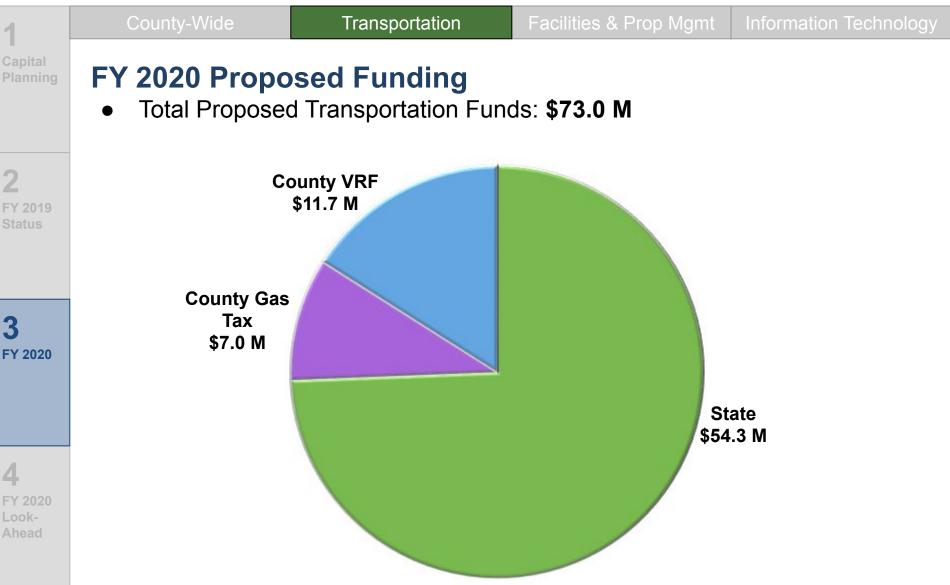
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Capital Budget Briefing // FY 2019 Status

1	County-Wide	Transp	oortation	Facilities & Prop Mgmt	Information Technology	
Capital Planning	apital FV 2019 Project Undates					
	Project	FY 2019 Revised Budget	Est. FY 2019 Spend	FY 2019 Status		
2 FY 2019 Status	Sandy Blvd	1.1M	1.1M	Construction Complete		
	Newberry Rd Slide	1.0M	1.0M	Construction Complete		
	Germantown Rd Slide	0.3M	0.3M	Construction Complete		
3	Rocky Point Rd	0.3M	0.3M	Construction Complete		
FY 2020	Discovery Blocks ADA	0.1M	0.1M	Construction Complete		
	2018 Drainage Improvements	0.1M	0.1M	Construction Complete		
4	Lusted Road	0.1M	0.1M	Construction Complete		
FY 2020 Look- Ahead	Bridge Programmable Logic Controllers (PLCs)	0.4M	0.4M	Morrison Bridge Complete. Broa FY 2020	dway Bridge scheduled for	
- FY 2020 Look-	Lusted Road Bridge Programmable			Morrison Bridge Complete. Broa	dway Bridge scheduled f	

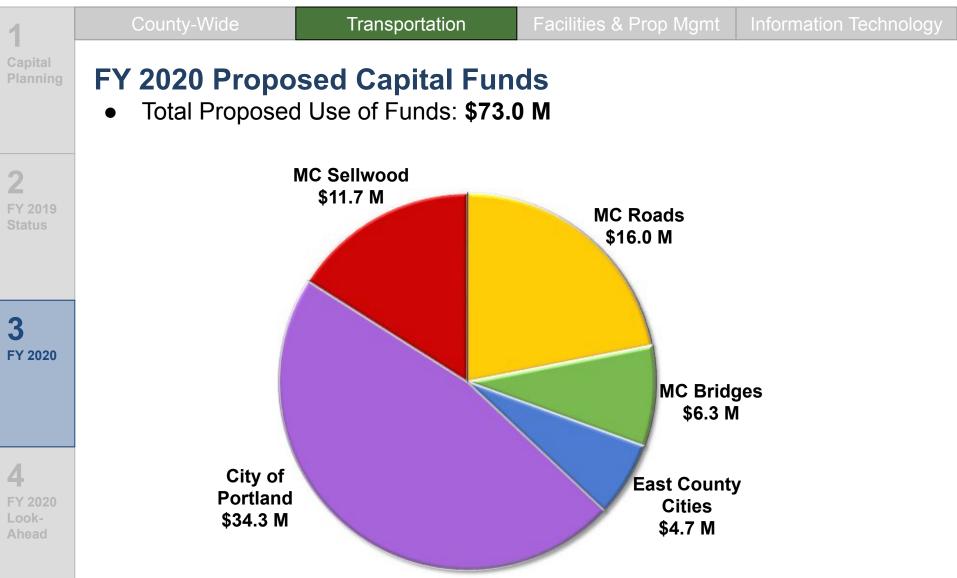


Capital Budget Briefing // FY 2020 Proposed Budget



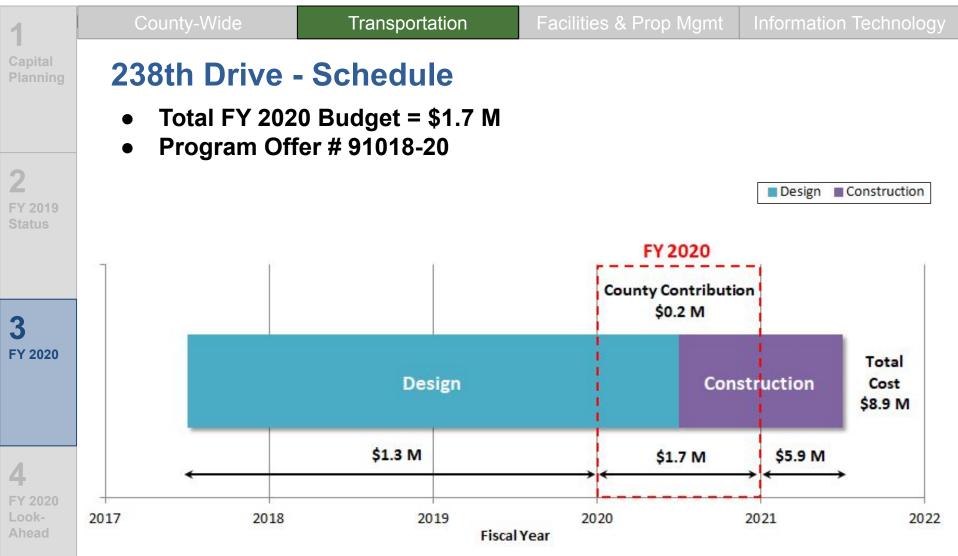


Capital Budget Briefing // FY 2020 Proposed Budget



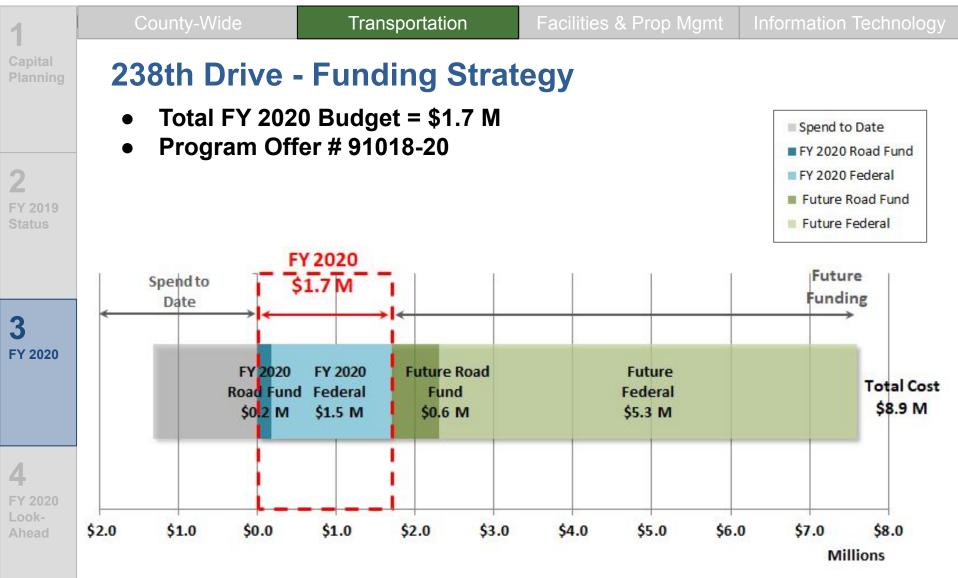


Capital Budget Briefing // FY 2020 Major Project Proposed



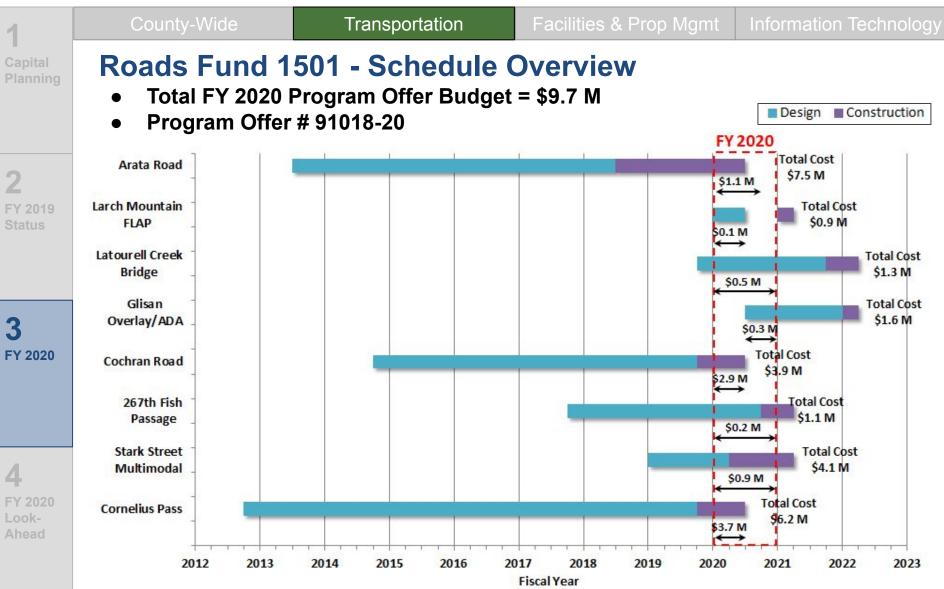


Capital Budget Briefing // FY 2020 Major Project Proposed



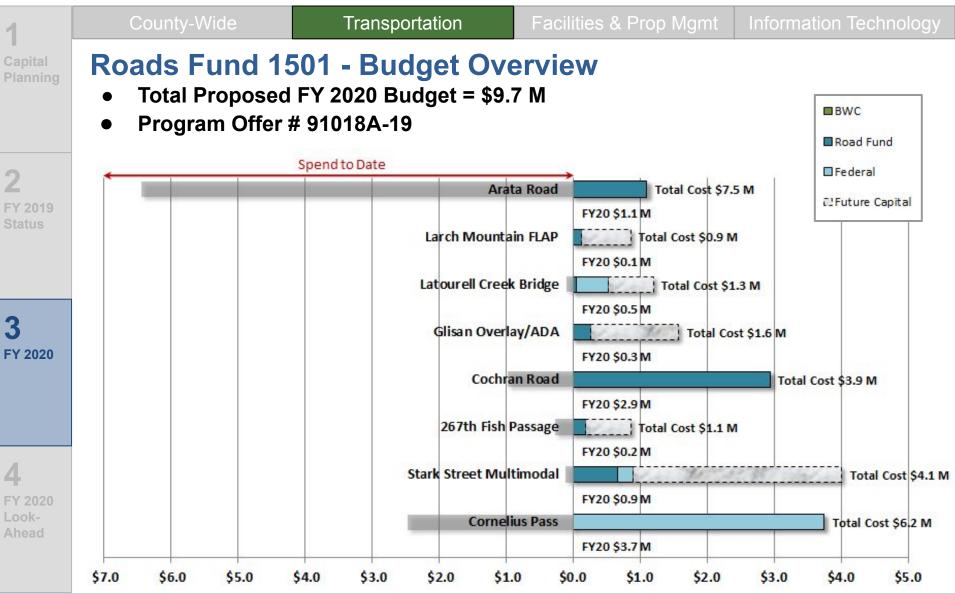


Capital Budget Briefing // FY 2020 Proposed Budget



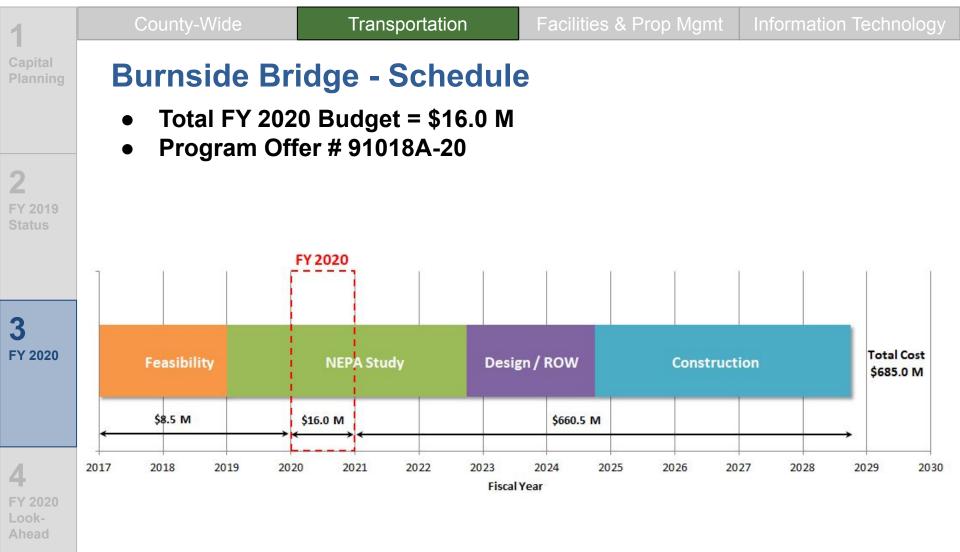


Capital Budget Briefing // FY 2020 Proposed Budget



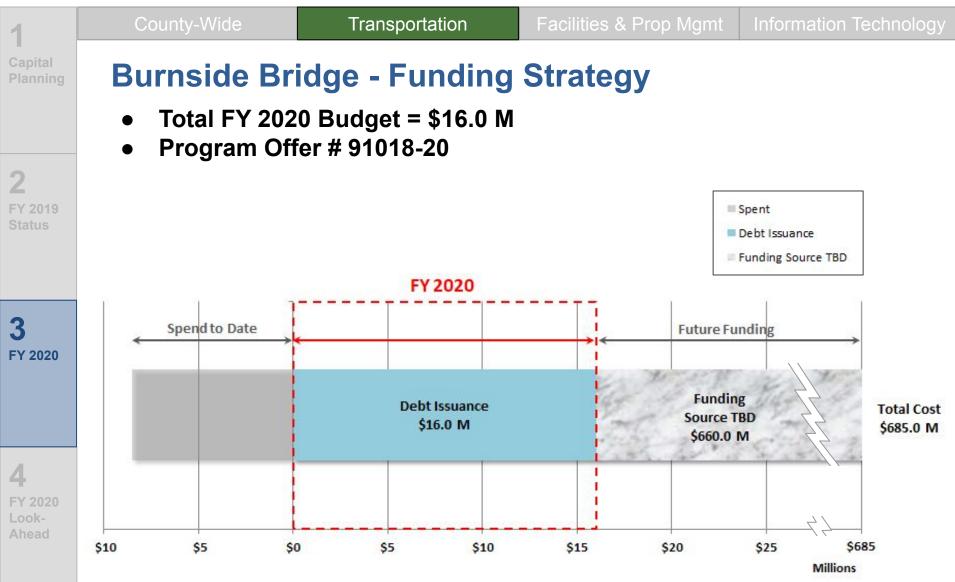


Capital Budget Briefing // FY 2020 Major Project



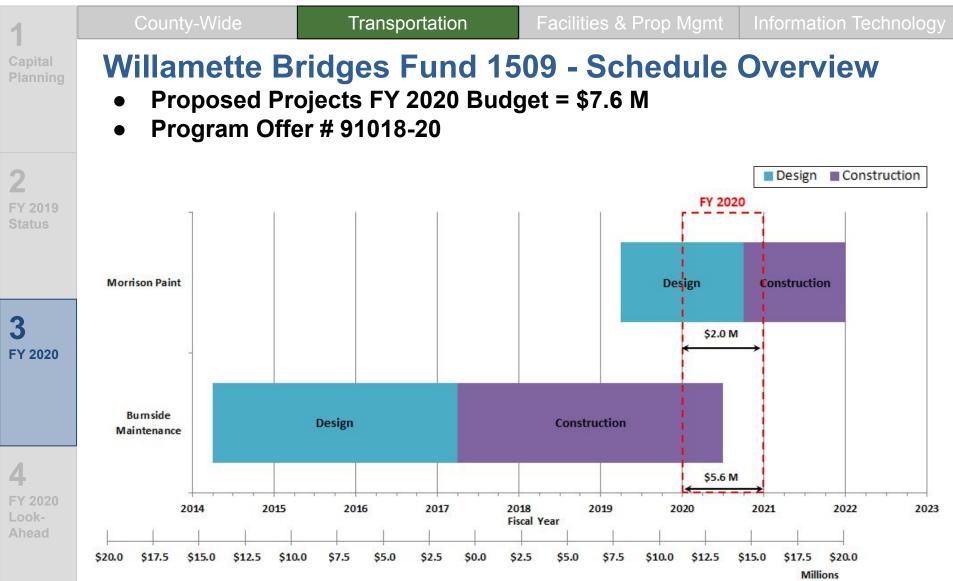


Capital Budget Briefing // FY 2020 Major Project Budget



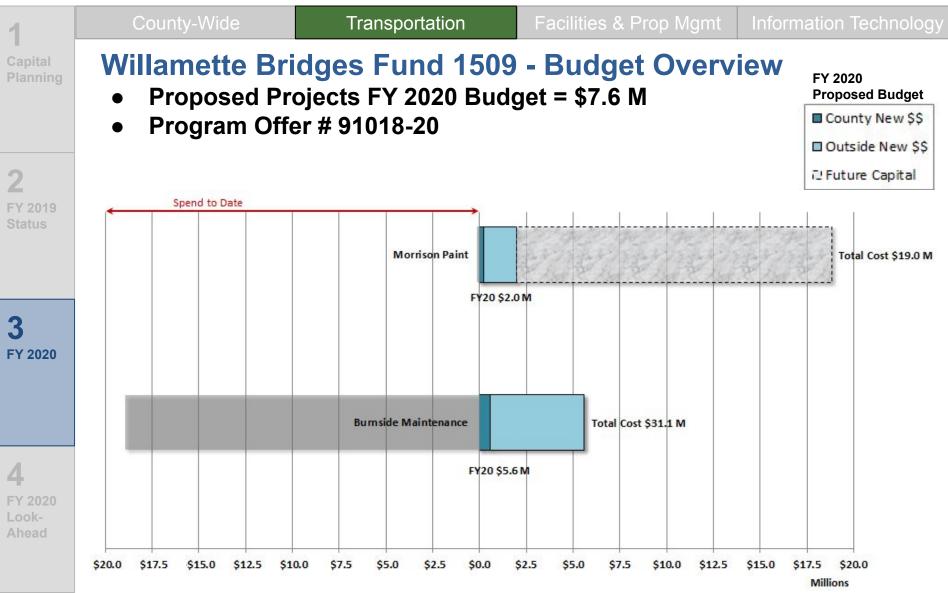


Capital Budget Briefing // FY 2020 Budget





Capital Budget Briefing // FY 2020 Proposed Budget





Capital Budget Briefing // FY 2020

Cou	nty-Wide	Transportation	Facilities & Prop Mg	gmt Information T	echnology
Seismic Liabilities					
Р	roject Name			Seismic Liability	
				\$516.07 M	
Hawthorne Bridge L	Limited Seismic Retrofit		\$44.89 M		
В	roadway Bridge	Limited Seismic Retrofit		\$52.63 M	
Μ	orrison Bridge L	imited Seismic Retrofit		\$91.88 M	
Т	otal Estimate	d Seismic Liability		\$705.47 M*	
	Sei P B In H B	Project Name Burnside Seismic Impact Study, Fina Hawthorne Bridge Broadway Bridge Morrison Bridge L	Seismic Liabilities Project Name Burnside Seismic Resiliency (Feasibility St Impact Study, Final Design and Construction	Seismic Liabilities Project Name Burnside Seismic Resiliency (Feasibility Study, Environmental Impact Study, Final Design and Construction) Hawthorne Bridge Limited Seismic Retrofit Broadway Bridge Limited Seismic Retrofit Morrison Bridge Limited Seismic Retrofit	Seismic LiabilitiesProject NameSeismic LiabilityBurnside Seismic Resiliency (Feasibility Study, Environmental Impact Study, Final Design and Construction)\$516.07 MHawthorne Bridge Limited Seismic Retrofit\$44.89 MBroadway Bridge Limited Seismic Retrofit\$52.63 MMorrison Bridge Limited Seismic Retrofit\$91.88 M

*Represents estimated total cost at target construction time





Capital Budget Briefing // FY 2020

	County-Wide	Transportation	Facilities & Prop Mgmt	Information Technology
apital lanning	Major Mile	stones		
	Work Planned for	or Completion:		
	 Arata Road 			
2	 Cornelius Pa 	iss Road		
Y 2019 tatus	 Cochran Roa 	ad Culvert		
	 Burnside Ma 	intenance		
	 Work in Progres 	S:		
2	 Earthquake I 	Ready Burnside		
Y 2020	 – 238th Drive 			
	 Morrison Pai 	nt	S	~
	 Latourell Fal 	ls Bridge		
	 267th Culver 	t		
1	Work Planned to	o Start:		
Y 2020 ook-	 Hawthorne E 	Bridge East Ramps		
head	 Stark Street 	Multi-Modal		
	— Larch Mount	ain Federal Lands Acc	ess	



Capital Budget Briefing // FY 2020

1	County-Wide	Transportation	Facilities & Prop Mgmt	Information Technology
- Capital Planning				
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2		States and	and the second	4 6
FY 2019 Status				
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3 FY 2020	and the second sec			
	Questi	ons?	-	
4 FY 2020				the second
Look- Ahead				
		- 4		

Capital Budget Briefing // Facilities & Property Management

1	County-Wide	Transportation	Facilities & Prop Mgmt	Information Technology
∎ Capital Planning			Bob Leek Naomi Butler	
			 Land Buildings Routine Capital 	
2 FY 2019 Status			• Major Capital Projects	
3 FY 2020	Face	lities a		
4 FY 2020 Look- Ahead				



Capital Budget Briefing // Capital Planning

1	County-Wide	Transportation	Facilities & Prop Mgmt	Information Technology
Conitol				

Capital Planning

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 a current asset management plan

4 FY 2020 Look-Ahead



Capital Budget Briefing // Capital Planning

1	County-Wide	Transportation	Facilities & Prop Mgmt	Information Technology		
- Capital Planning	Planning Process - Facilities					
	Assess Cur	rent Building Port	folio			
0	• Seismic	Studies				
2	• Building	Condition Assessn	nents			
FY 2019 Status	 Function 	ality for Programm	atic Needs			
	 Utilizatio 	n Rates				
	 Identify Fut 	ure Needs				
3	 Lifecycle 	Replacements				
FY 2020	 Changes 	s in Department Se	rvice Delivery			
	 Workpla 	ce Evolution				
	Prioritize fo	r Capital Planning				
	• 20 Year	Strategic Capital P	an			
4	 5 year C 	apital Improvemen	t Plan			
FY 2020 Look-	 Annual C 	Capital Improvemer	nt Budget			
Ahead						

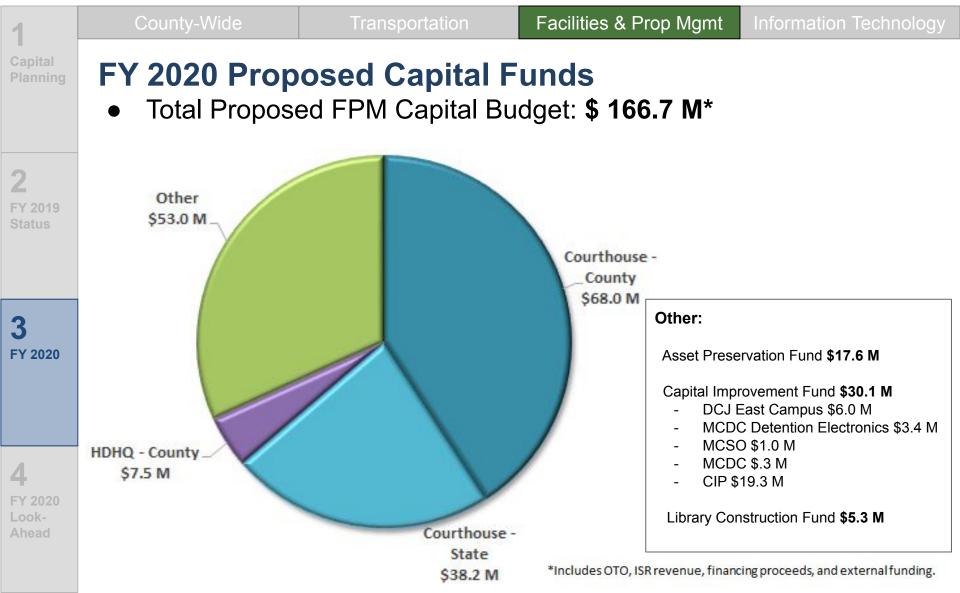
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Capital Budget Briefing // FY 2019 Status

1	County-Wide	Trans	portation	Facilities & Prop Mgmt Information Technology	
Capital	FY 2019 Pro	ject Upd	ates		
Planning	Project	FY 2019 Revised Budget	Est. FY 2019 Spend	FY 2019 Status	
2	Multnomah County Central Courthouse	\$213,217,626	\$145,217,626	Construction Phase - County and State executed the Phase III Disbursement Agreement. Courtroom millwork installation beginning. Facade system and stone installation is on-going. Hawthorne bridge reconstruction work soon complete.	
FY 2019 Status	Gladys McCoy Health Headquarters	\$31,803,676	\$24,303,676	Close out Phase - Construction completed in 2019. The building is operational and open to the public as of April 9th. Staff moves were completed in April. Project construction audit will be conducted and completed in early FY 2020.	
	MCSO Facilities Relocation and Reconfiguration	\$4,166,405	\$4,804	Planning Phase - MCSO has reviewed preliminary cost estimates for two potential sites. MCSO is currently re-evaluating their overall needs.	
3	MCDC Detention Electronics	\$3,600,000	\$200,000	Construction Phase - Procurement is underway, once contractor is onboard, fabrication will take apx 3 months and installation will take 12 months	
FY 2020	MCDC Cell Lighting and Window Covers	\$950,000	\$650,000	Construction Phase -The Inmate Cell Light Covers are completed. Installation of 287 Secured Cell Window Covers and Security Glass are 60% complete. Anticipated Completion date is June 2019	
4	DCJ Mid County (East Campus)	\$7,150,331	\$1,150,331	Construction Contract with Cedar Mill Construction has been executed and construction will start June 2019. Estimated construction time is 12 months. Returning to the BCC in June or July for a briefing and approval of the next stage of the FAC-1 process.	
FY 2020 Look- Ahead	Yeon-Vance Site Assessment	\$150,000	\$150,000	Planning Phase - The solicitation for Master Planning consultant is in process. The project team continues the technical investigatory work on the property to determine the existing conditions that will help inform future development options.	
	MCSO River Patrol Boat Houses Capital Improvement	\$1,036,728	\$20,000	Design Phase - Project design complete. Submitting for procurement / working with City of Portland on permitting. Estimate project completion is June 2020.	

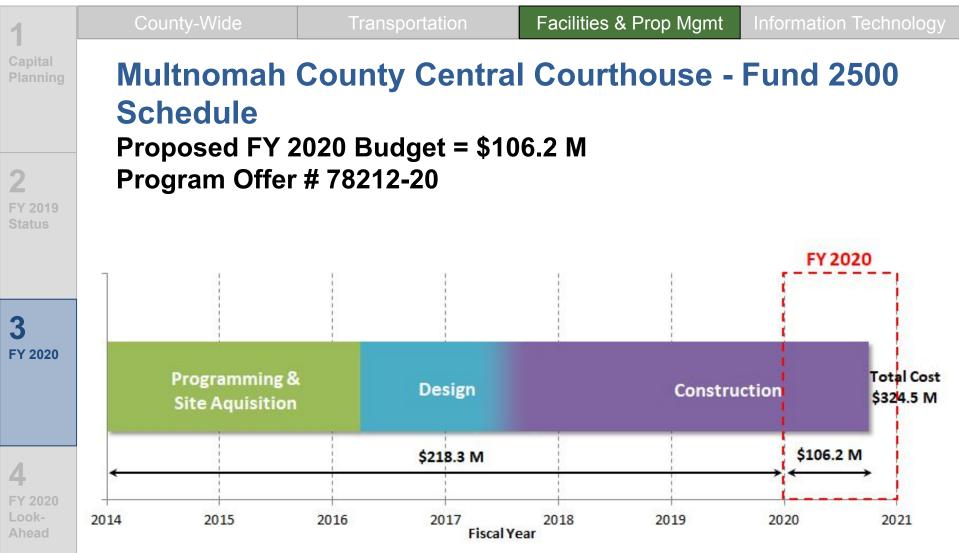


Capital Budget Briefing // FY 2020 Budget



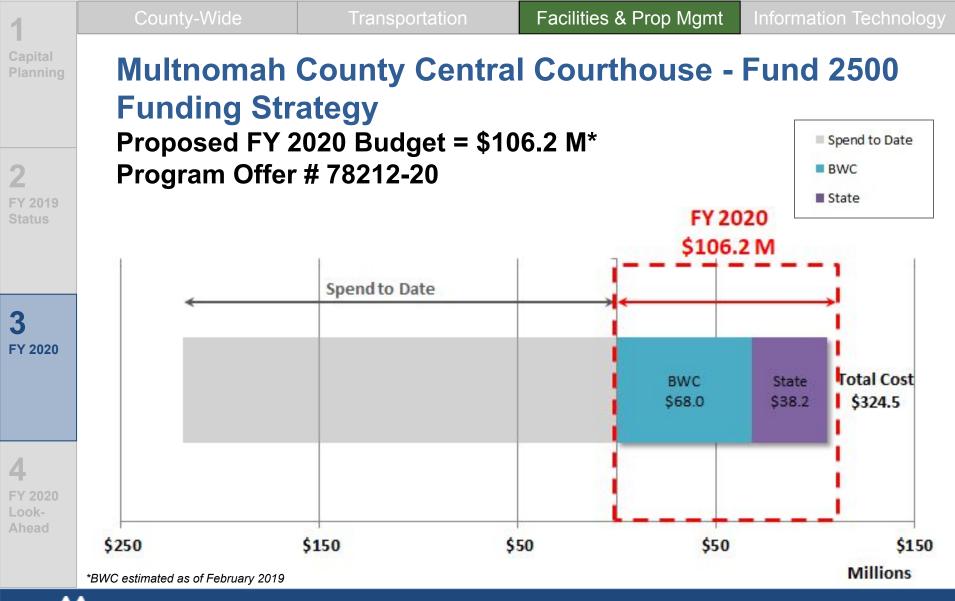


Capital Budget Briefing // FY 2020 Major Projects Schedule



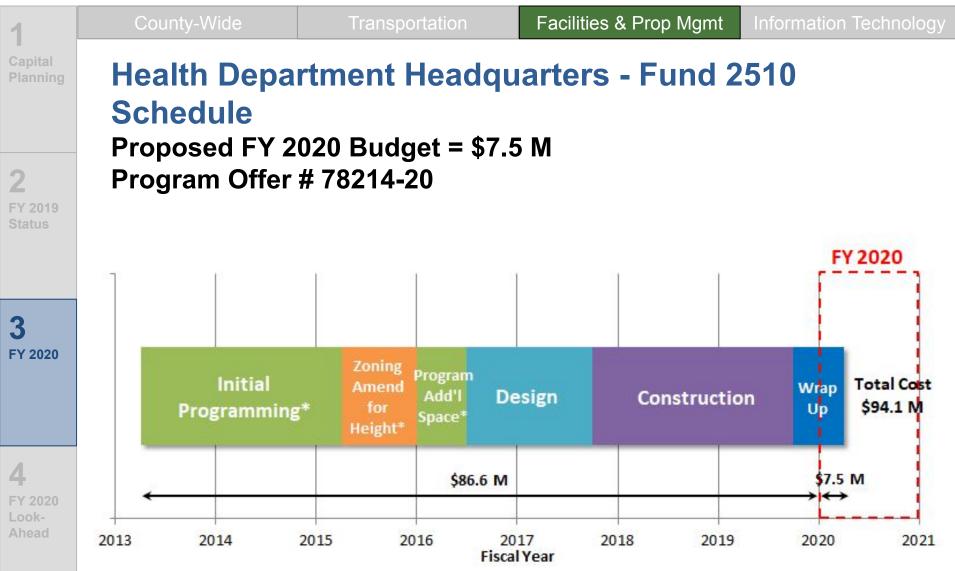


Capital Budget Briefing // FY 2020 Major Projects - Budget



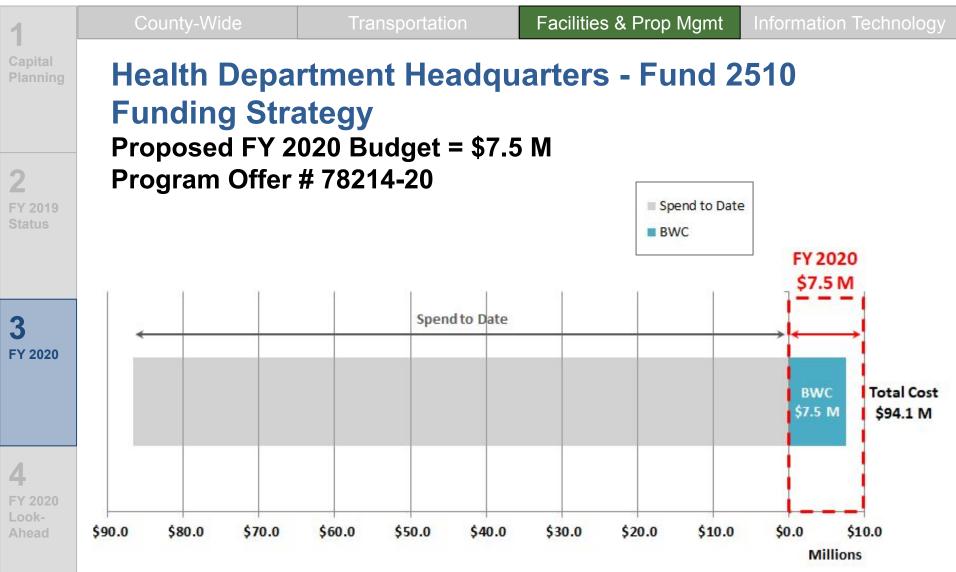


Capital Budget Briefing // FY 2020 Proposed Schedule



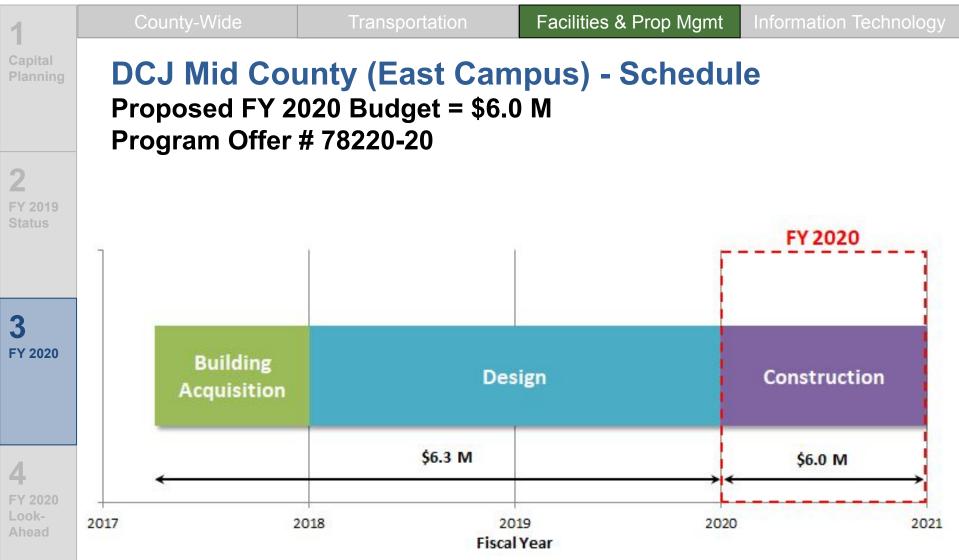


Capital Budget Briefing // FY 2020 Budget



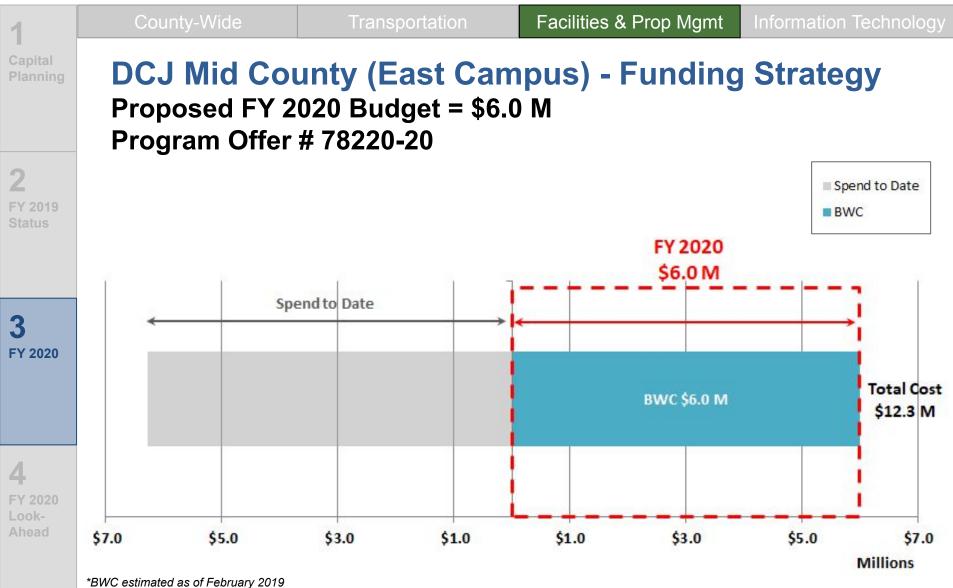


Capital Budget Briefing // FY 2020 Schedule





Capital Budget Briefing // FY 2020 Budget



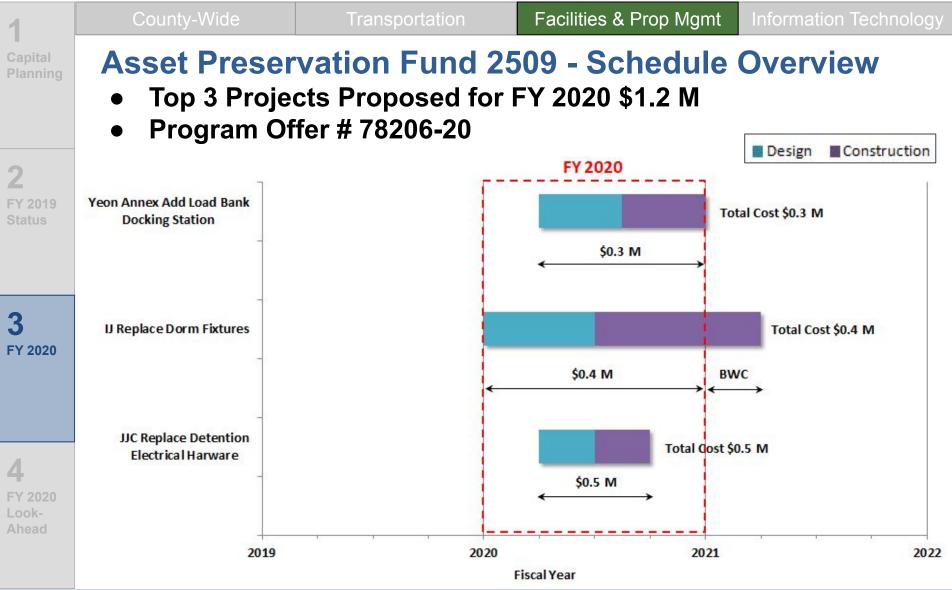


C	apital Budget Brie	eting // Asset Pro	eservation Fund 25	b09
1	County-Wide	Transportation	Facilities & Prop Mgmt	Information Technology
Capital Planning	Asset Preserv	vation Fund 2	509	
	 Fund goal 			
2	– To adequa	tely invest in key	building systems in ⁻	Fier 1 buildings
FY 2019 Status	Fund Status			
	– Beginning	Working Capital:	\$ 11.8 M	
	– FY 2020 P	roposed Budget:	\$17.6 M	
3	Top 3 Project	s Proposed for F	FY 2020	- and
FY 20 2 0	– JJC Repla	ce Detention Elec	: Hdwre: \$0.5 M	
	– IJ Replace	Dorm Fixtures: \$	0.4 M	
	– Yeon Anne	x Add Load Bank	ing System: \$0.3 M	

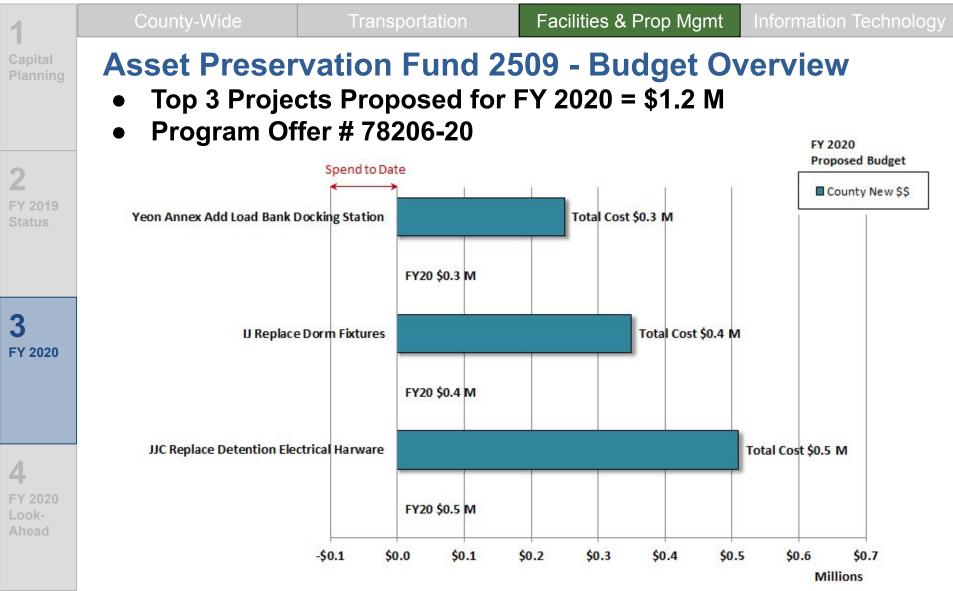
4 FY 2020 Look-Ahead

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Capital Budget Briefing // FY 2020 Schedule



Capital Budget Briefing // FY 2020 Budget





Capital Budget Briefing // Capital Improvement Funds 2507



FY 2028

Capital Improvement Fund 2507

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

Facilities & Prop Mgmt

- Fund Status
 - Beginning Working Capital: \$24.6 M
 - 2019 Proposed Budget: \$ 30.0 M
- Top 3 Projects for FY 2020
 - MCDC Replace 2 Motor Control Centers: \$0.4 M
 - Mead Replace Automatic Transfer Switch: \$0.2 M
 - Walnut Park Paint the Exterior: \$0.5 M

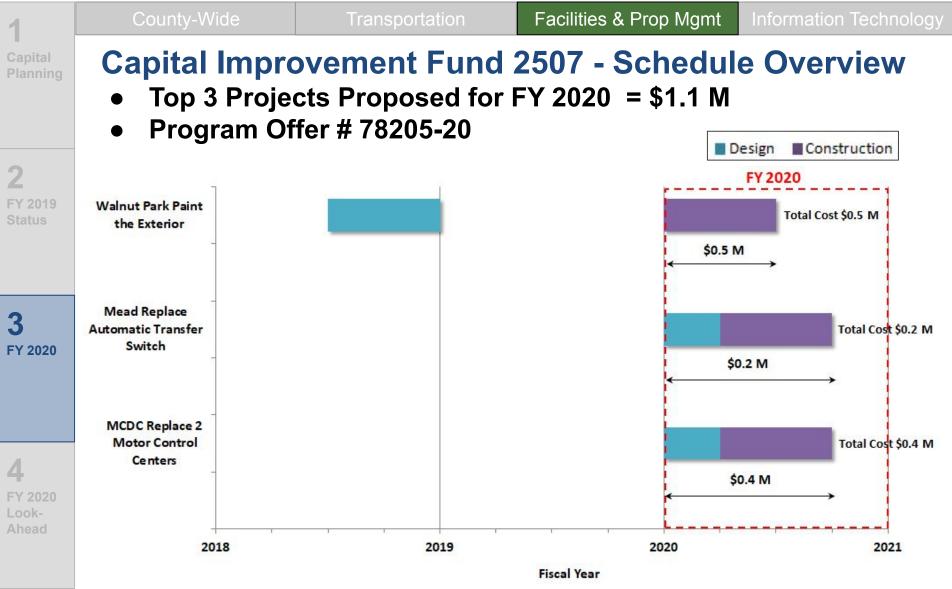






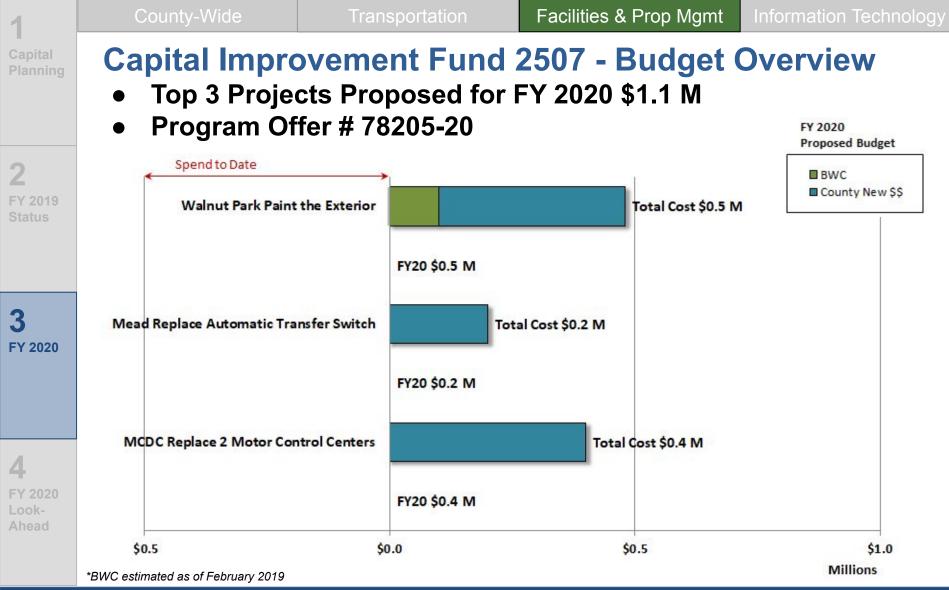


Capital Budget Briefing // FY 2020 Schedule





Capital Budget Briefing // FY 2020 Budget





Capital Budget Briefing // Seismic Liability

1	County-Wide	Transportation	Facilities & Prop Mgmt	Information Techno
apital anning	Seismic Liabi	lity		
	Owned Buildings			2020*
	Justice Center		\$51.43 M	
2 Y 2019 tatus	Multnomah Building & Garage			\$43.96 M
Status	John B Yeon Facility		\$19.14 M	
	Mead Building			\$12.73 M
3 FY 2020	Juvenile Justice Cente		\$5.36 M	
	Inverness Jail			\$2.84 M
	All Other Properties			\$23.56 M
	Total Seismic Liab	ility		\$159.02 M

*Estimated adjustment for construction inflation only (x1.052) from FY 2019. Source: 2009 Multnomah County Seismic Analysis, by Hennebery Eddy. Actual cost may vary. Old McCoy Building and Multnomah County Courthouse sold in FY 2019 reducing liability by \$90M. ***Estimated total seismic liability of all remaining County owned buildings combined.



Capital Budget Briefing // Library Operating Capital Summary

		011	/						
1	County-Wide Transportation Facilities & Prop Mgmt Information								
Capital Planning	Library Oper	ating Capi	ital Si	ummary					

- Central Library Seismic
 - \$ 13.49 M (Estimated FY 2020)
- Fund Status
 - Beginning Working Capital: \$ 2.7 M
 - FY 2020 Proposed Budget: \$ 5.3 M

• FY 2019 Completed Project Highlights

- Holgate Library Repainting Exterior
- Central Library Elevators
- FY 2020 Project Highlights
 - Midland Library Update Automation Controls: \$0.4 M
 - Central Library Replace Transformer: \$0.3 M
 - North Portland Replace Roofing / Modify Gutters: \$0.3 M

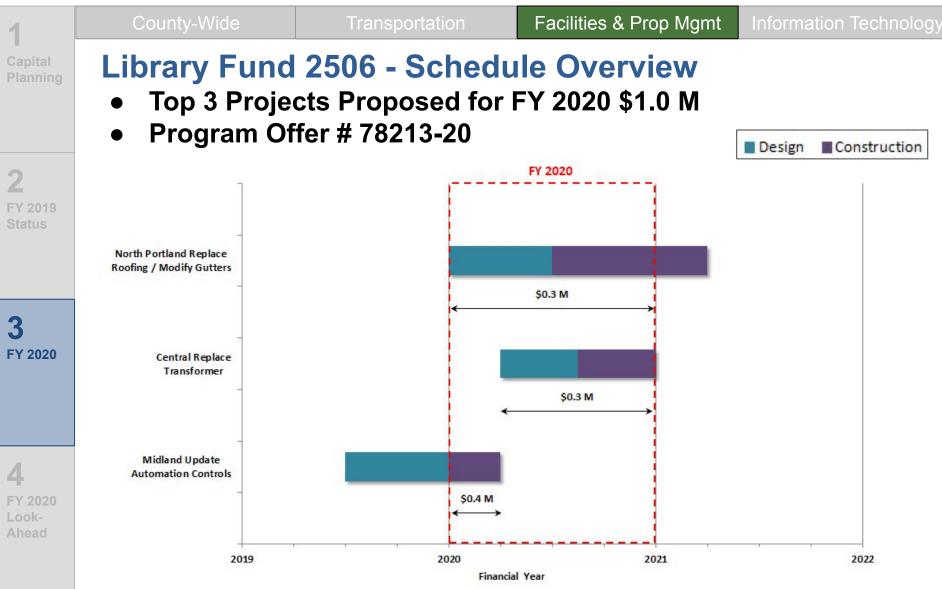




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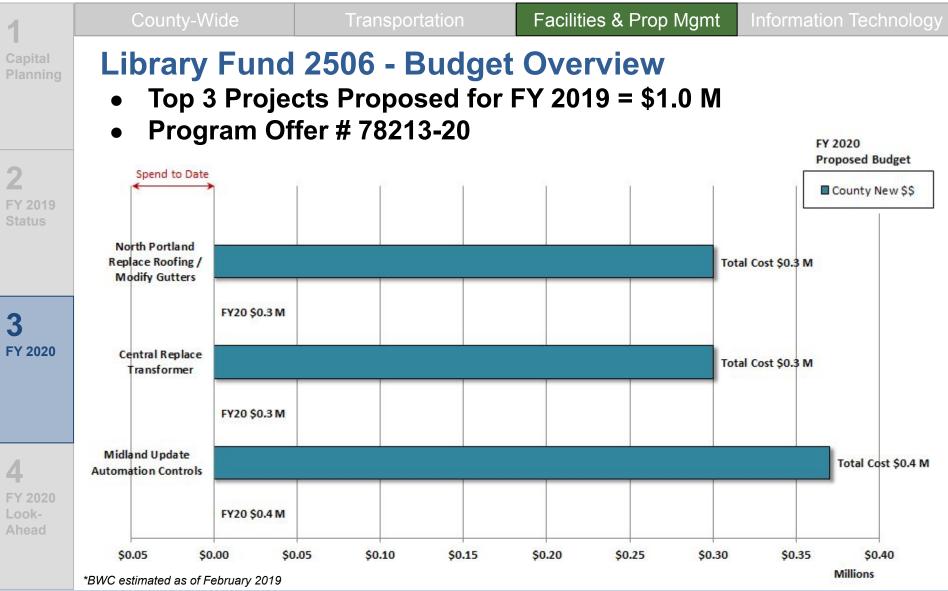
FY 2020

Capital Budget Briefing // FY 2020 Schedule





Capital Budget Briefing // FY 2020 Budget





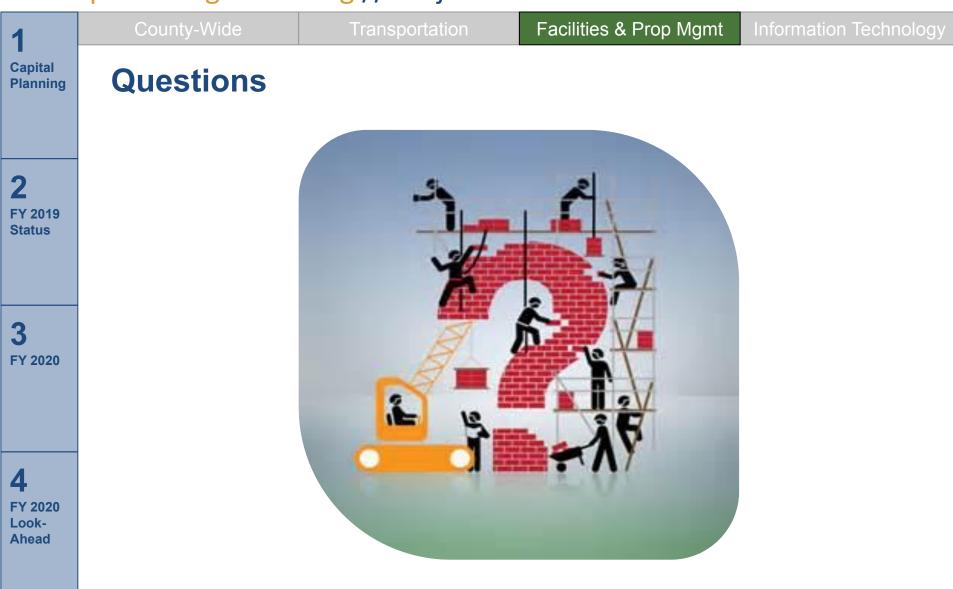
Capital Budget Briefing // Major Milestones

Capital Dudget Dhenng // Wajor Wilestones						
1	County-Wide	Transportation	Facilities & Prop Mgmt	Information Technology		
Capital Planning	FY 2020 Loo	k Ahead				
2	•	nstruction of DCJ	·			
FY 2019 Status	Continue Central Courthouse Construction for 2020 Opening					
otatus	 Continue condition, functional and risk assessments 					
	 Assess capita 	al rate and fund st	ructure			
3 FY 2020						
4						



FY 2020 Look-Ahead

Capital Budget Briefing // Major Milestones





Capital Budget Briefing // Information Technology

1	County-Wide	Transportation	Facilities & Prop Mgmt	Information Technology
Capital Planning				Bob Leek Tracey Massey
2 FY 2019 Status	Info	ormat	ion	 Computers Networks Data Applications Websites Telecom
3 FY 2020		hnok		
4 FY 2020 Look- Ahead				



Capital Budget Briefing // IT Capital Planning





Capital Budget Briefing // IT Capital Planning

1	County-Wide	Transportation	Facilities & Prop Mgm	Information Technology			
Capital Planning	Department Strategies - Information Technology						
	Selection	Criteria					
2 FY 2019 Status 3 FY 2020	 Reduct Regulation Return Return Return Signific cost state Amount of IT 	ved service quality to eed County risk or lia atory requirement on investment on mission cant and sustainable savings or revenue nt and availability resources tment readiness	bility				
Look- Ahead				49			

Capital Budget Briefing // IT Capital Planning

1	County-Wide	Transportation	Facilities & Prop Mgmt	Information Technolog
- Capital Planning	Planning Proc	ess - Informati	ion Technology	/
	 Assess Cur 	rrent Technology	Portfolio	Project Charter, Scope Project Schedule
2	 Technol 	ogy Improvement I	Program	Project Schedule
FY 2019		er feedback		Project Planning
Status	 Mandate 		Project R	Project Resource
	 Identify Fut 			Project Quality Project Budget & Cost
	 Lifecycle 	e replacements		
3	 Change 	s in Department se	ervice delivery need	ls
FY 2020	 Technol 	ogy trends		
	Prioritize for	or Capital Plannin	g	
	 20 Year 	Capital Plan		
1	○ 5 year te	echnology improve	ment plan	
4 FY 2020	 Annual 	Capital Budget		
Look- Ahead				
				50

Capital Budget Briefing // FY 2019 Investment Status

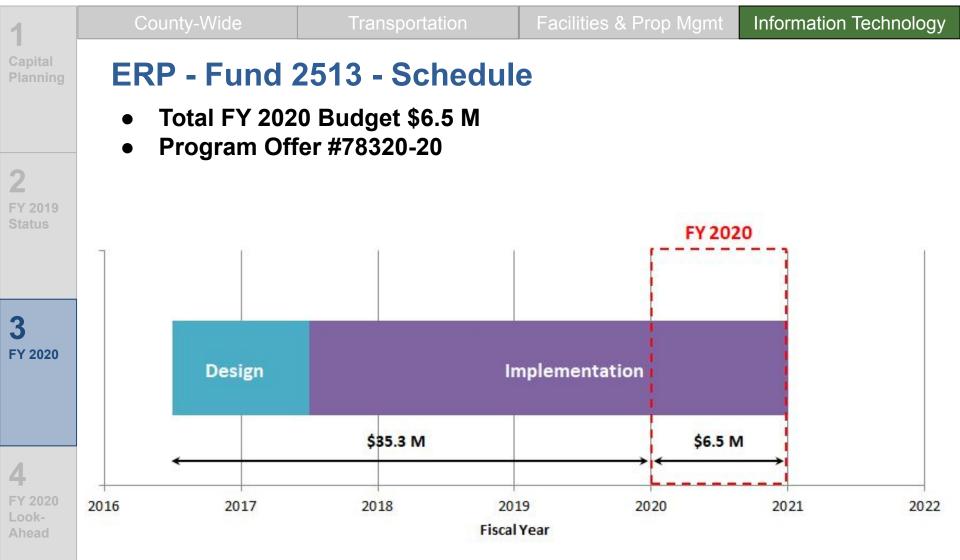
1	County-Wide	Tra	ansportatior	า	Facilities & Prop Mgmt	Information Technology
Capital Planning	Project	FY 2019 Revised Budget	Est. FY 2019 Spend	FY 201	FY 2019 Status	
2	DA: Crimes Replacement Assessment	\$973,222	\$24,000	On Hold	I - Pending discussions with vendor.	
FY 2019 Status	ENT: Technology Improvement Program	\$616,022	\$118,264	the Tecl projects	entation - program supports replacing nnology Fitness Assessment through to upgrade systems for Juvenile Jus Court Services were initiated and cor	multiple projects. In FY 2019, stice, Victims Restitution, and
3	DCM: Budget System Implementation	\$239,095	\$4,609		Planning - A system upgrade is scheduled for Questica. Budget and IT leadership are working on timing, scope, next steps, and strategic direction.	
FY 2020	DCM: Enterprise Resource Planning System (Multco Align)	\$24,499,934	\$18,651,505	Implementation - All software systems have gone live. The project team is focused on optimization and implementation of services that were not ready at go live. Project continues through FY 2020 to allow for decommissioning of legacy data and systems, future software releases, and business process optimization.		of services that were not ready 0 to allow for decommissioning
4 FY 2020 Look- Ahead	MCHD/DCHS/DCJ Health System Transformation	\$651,530	\$220,876	progran	Implementation - With EDIE, Pre Manage, and SCoPE operational, the program is focused on expanding service for SCoPE as well as new initiatives identified by the steering committee.	
	DCA: Cybersecurity	\$257,152	\$257,152	· ·	entation - Multiple subcomponents to of development, implementation, and	



Capital Budget Briefing // FY 2020 Capital Funding Information Technology 1 FY 2020 Capital Funding Total Proposed IT Capital Budget: \$13.3 M 2 **Corporate Broadband** Network Infrastructure Replacement Other \$2.0 M \$2.3 M Electronic Medical **Other: On-Going Projects** Records Corrections **Health Juvenile** Health Care Transformation: \$0.4 M 3 Detention \$1.0 M CRIMES: \$1.2 M **FY 2020** Technology Improvement Program: \$0.5 M **Facilities Capital** BudSoft: \$0.2 M **Project Management** Software \$1.0 M **IT Cyber Security** \$0.5 M ERP \$6.5 M

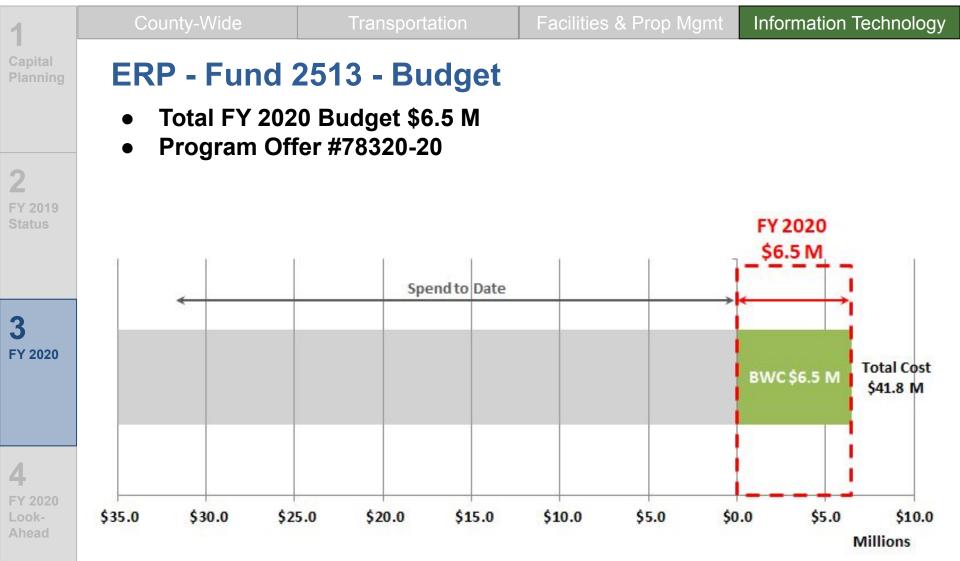


Capital Budget Briefing // FY 2020 Major Project Schedule





Capital Budget Briefing // FY 2020 Major Project Budget





Capital Budget Briefing // Information Technology Fund 2508

1 Capital Plannin

FY 2019

3

FY 2028

FY 2020 OTO Project Requests

Capital Project Management Software PO #78323-20 \$1.0 M

- Facilities current system is aging and no longer supported.
- Project will evaluate business requirements, procure a new system and implement the selected system.

Juvenile Justice Center Health EMR PO #78322-20 \$1.0 M

- Currently using a paper-based medical records system and medication delivery.
- Project will document requirements, conduct a procurement and implement the selected solution.

Corporate Broadband PO # 783321-20 \$2.0 M

- Exploring options for the County's corporate broadband infrastructure.
- Project will address the first phase of the transition in design and initial construction.

• IT Cyber Security PO #78318B-20 \$0.5M

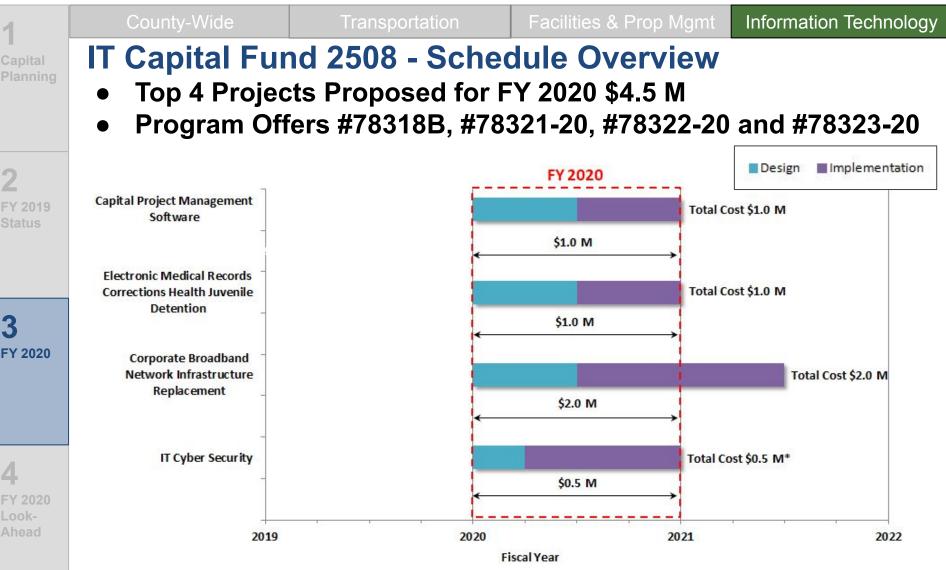
- Completing our capital investments in cyber security program begun in 2017. In the future, other investments will be part of IT rates.
- Projects in FY 2020 will include investments in cloud security, network access control related to Internet of Things, and mobile device security.



Information Technology

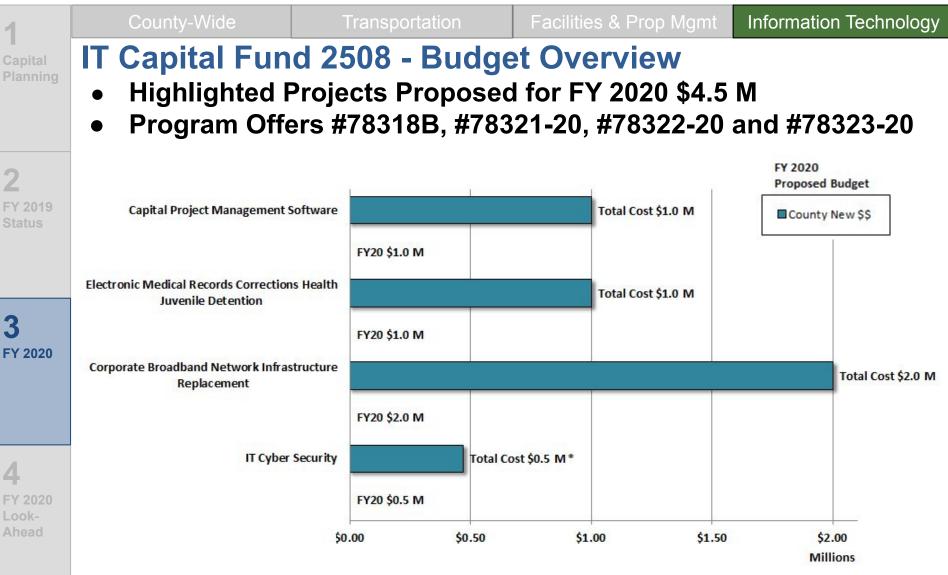
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Capital Budget Briefing // FY 2020 Budget





Capital Budget Briefing // FY 2020 Budget





Capital Budget Briefing // Major Milestones

1	County-Wide	Transportation	Facilities & Prop Mgmt	Information Technology
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FY 2020 Look Ahead

- Complete and close the Multco Align program
- Digital strategy refresh, including capital needs planning
- Continue the work in the Technology Improvement Program





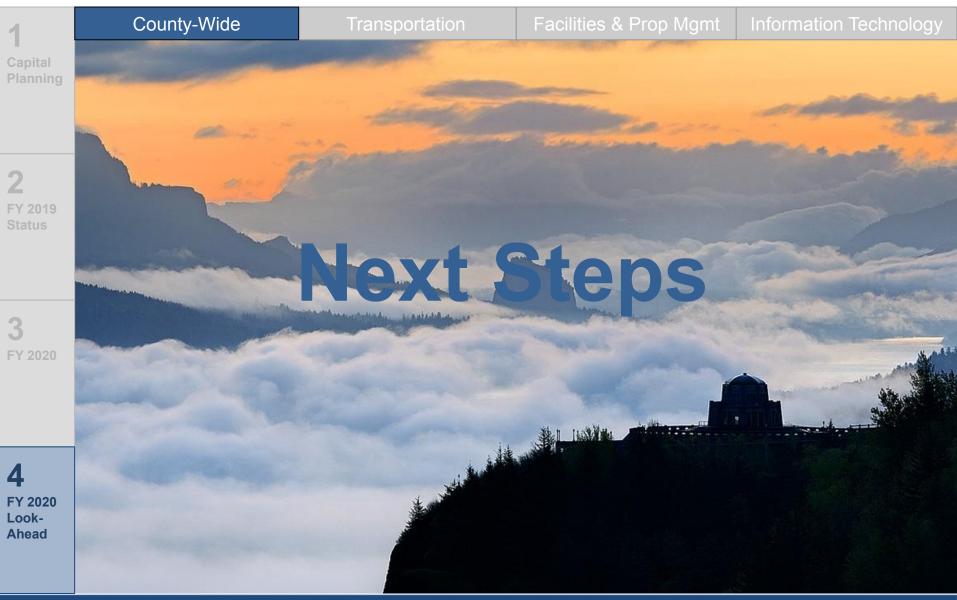
FY 2020 Look-Ahead

Capital Budget Briefing //

1	County-Wide	Transportation	Facilities & Prop Mgmt	Information Technology				
Capital Planning	Questions							
2 FY 2019 Status			8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9					
3 FY 2020								
4 FY 2020 Look- Ahead		► 10 44 ★ 10 <p< th=""><th></th><th></th></p<>						



Capital Budget Briefing // County-Wide





Capital Budget Briefing // Next Steps





Look-Ahead

Capital Budget Briefing // Questions

1	County-Wide	Transportation	Facilities & Prop Mgmt	Information Technology
Capital Planning				
2 FY 2019				
3 FY 2020 Status				
4 FY 2020 Look- Ahead	Questio			

