



# CIP

CAPITAL IMPROVEMENT PLAN  
2025-2029

Updated December 1, 2023  
Discussion - Draft 2

96-Inch Water Transmission Main Relocation and  
Isolation Valve Installations  
Photo Submitted by: Corey Brecht  
of Water and Field Services



CIP Delivery Team

## CAPITAL IMPROVEMENT PLAN FY 25-29 DISCUSSION DRAFT 2

### Capital Planning Committee Meeting December 12, 2023

**Dima El-Gamal**, PhD, PE, LEED @ AP.  
Capital Improvement Planning Director

**Jody Caldwell**, PE  
Chief Planning Officer

# AGENDA



CIP Delivery Team

# AGENDA



- CIP DISCUSSION DRAFT 1 FEEDBACK
- MAJOR CIP CHANGES SINCE DISCUSSION DRAFT 1
- RECAP AND NEXT STEPS

# KEY TAKEAWAYS



CIP Delivery Team

## 💧 Discussion Draft # 1

- 💧 Presented to CPC on October 17, 2023
- 💧 Public comment period on Draft 1 from Oct 18 - Nov 15, 2023

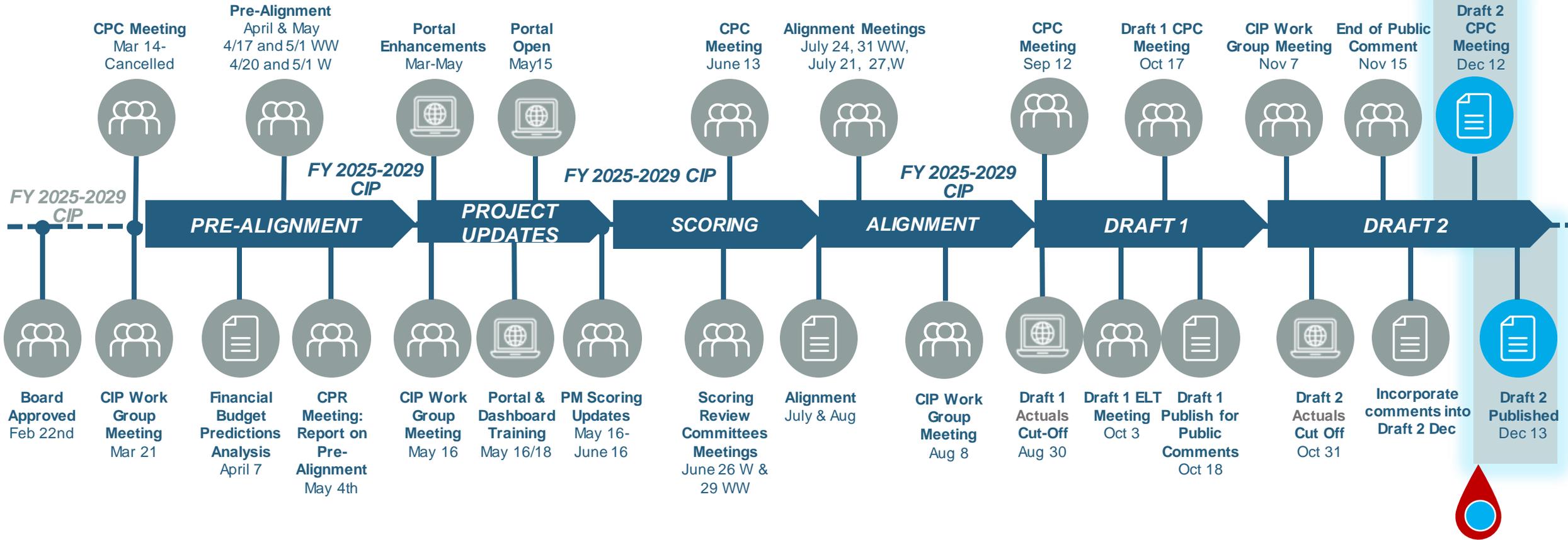
## 💧 Discussion Draft #2

- 💧 Is complete
- 💧 Published Dec 13, 2023
- 💧 Reflects FY 24 actuals as of October 31, 2023 and PM updates as of Nov 20, 2023

## 💧 FY 25-29 CIP is in alignment with the GLWA's Financial Plan

## 💧 Ready to move to the next approval stage

# WE ARE HERE TODAY



We Are Here



**CPC** – Capital Planning Committee | **CIP** – Capital Improvement Plan  
**CPR** – Capital Program Review | **PM** – Project Manager | **ELT** – Executive Leadership Team



CIP Delivery Team

# FY 25-29 DISCUSSION DRAFT #2 FEEDBACK ON DISCUSSION DRAFT #1

# FEEDBACK SUMMARY ON DISCUSSION DRAFT #1



- ◆ **Document: FY 25-29 CIP Discussion Draft #1**
- ◆ **FY 25-29 CIP Discussion Draft #1 Release Date: October 18, 2023**
- ◆ **Public Comments Due Date: November 15, 2023**
- ◆ **Overall positive feedback FY 25-29 CIP Discussion Draft 1**
- ◆ **No major comments received during the public comment period**





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# FY 25-29 DISCUSSION DRAFT #2 CHANGES SINCE DISCUSSION DRAFT #1

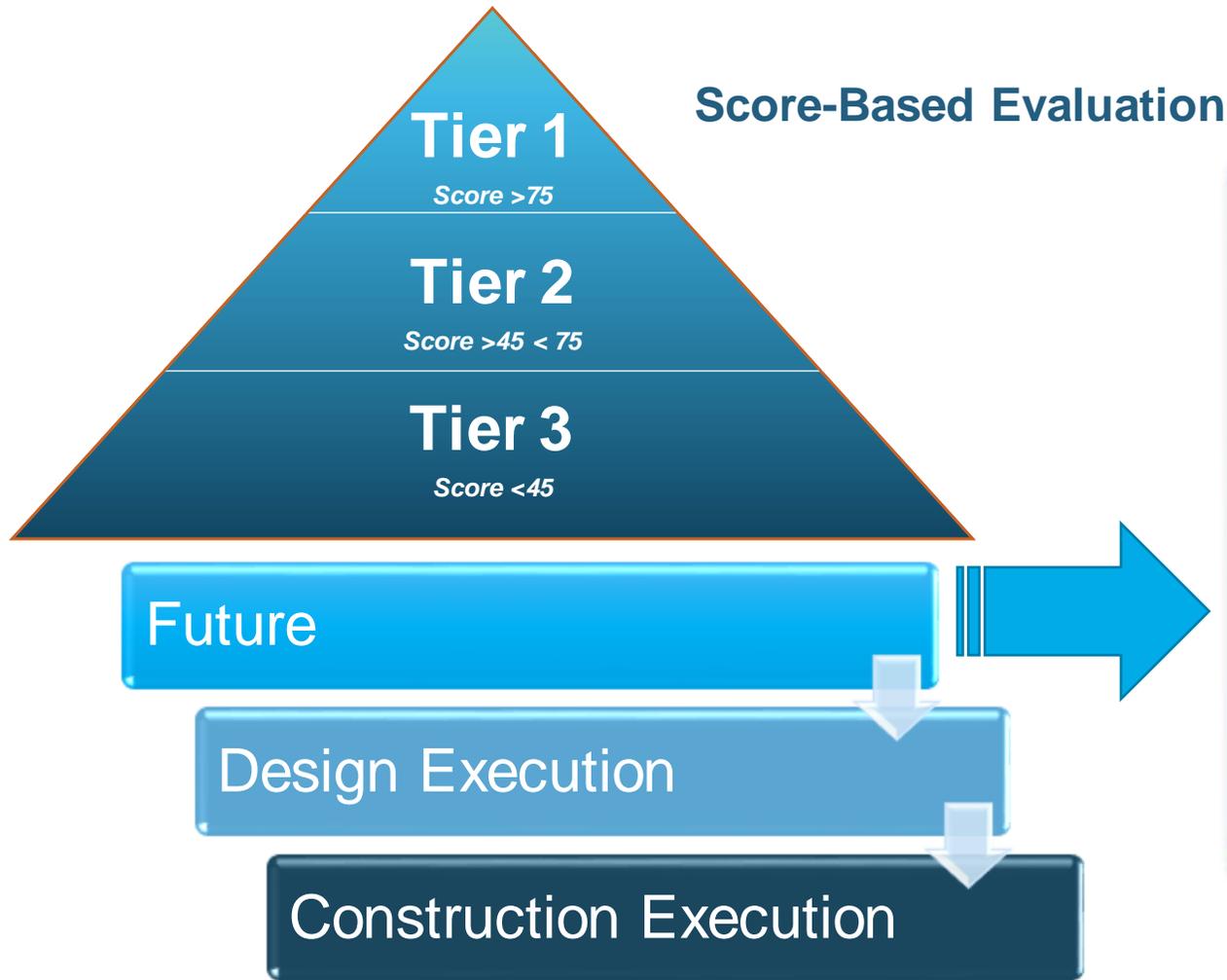
# FY 25-29 CIP DISCUSSION DRAFT 2 MODIFICATIONS



## 💧 New in Draft #2

- 💧 **Added Chapter 4-Finance**
- 💧 **New Document cover designed and added**
- 💧 **Amendment to Acknowledgment pages**
- 💧 **Realtime updates:**
  - 💧 Incorporated Actuals as of October 31, 2023
  - 💧 Projects Cost and Schedule updated as of Nov 20, 2023
- 💧 **Miscellaneous quality review updates**

# FY 25-29 CIP PRIORITIZATION



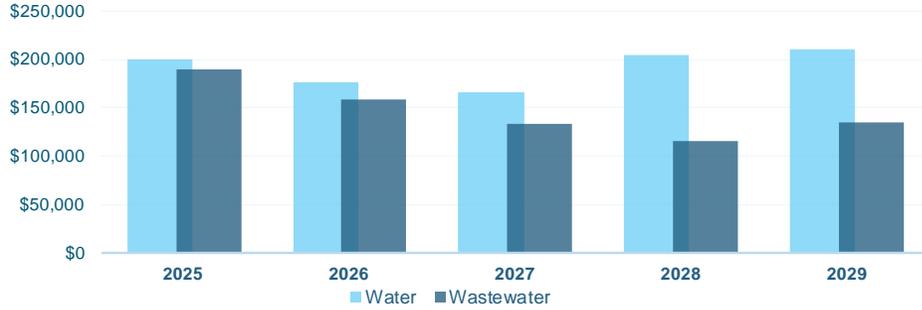
- Holistic Decision Factors
  - Predecessor Projects
  - Delivery Flexibility
  - Funding Source
  - Financial Plan
  - Proactive Planning
  - Constructability
  - Operational Considerations
  - Efficient Resource Allocation
  - Integrated Asset Management

**Project Status Based Evaluation**

# FY 25-29 Discussion Draft 2-CIP AT A GLANCE



## 5-Year Outlook

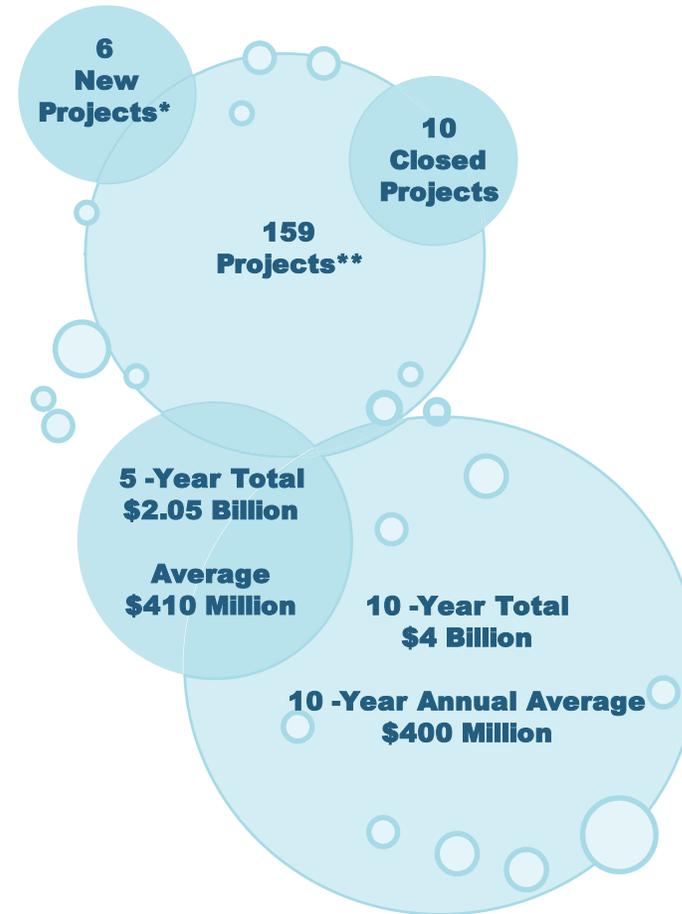


Financial figures in \$1,000s and rounded

WATER	
5-Year Total	\$1,071,788
5-Year Average	\$214,358
10-Year Total	\$2,180,458
10-Year Average	\$218,046

WASTEWATER	
5-Year Total	\$982,525
5-Year Average	\$196,505
10-Year Total	\$1,822,439
10-Year Average	\$182,244

Updated from Draft 1\*



\*3 NEW PROJECTS FROM PROGRAMS

\*\* IN ADDITION TO THE 159 PROJECTS, THERE ARE:  
 +2 RECLASSIFIED PROJECTS  
 +3 CANCELLED PROJECTS



\* Based on Oct 31, 2023, Actuals and PM cost and schedule updates as of Nov 20, 2023

# FY 25-29 CIP SUMMARY-MODIFICATIONS



CIP Document	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	5-Year Total
<b>Draft #2 Water CIP FY 25-29</b>	\$206,773	\$207,333	\$209,752	\$227,823	\$236,331	\$190,550	\$1,071,788
<b>Draft #1 Water CIP FY 25-29</b>		\$200,445	\$216,667	\$232,717	\$227,364	\$184,305	\$1,061,498
<b>Difference (\$)</b>		\$6,888	-\$6,915	-\$4,894	\$8,966	\$6,245	\$10,291
<b>Difference (%)</b>		3.44%	-3.19%	-2.10%	3.94%	3.39%	0.97%

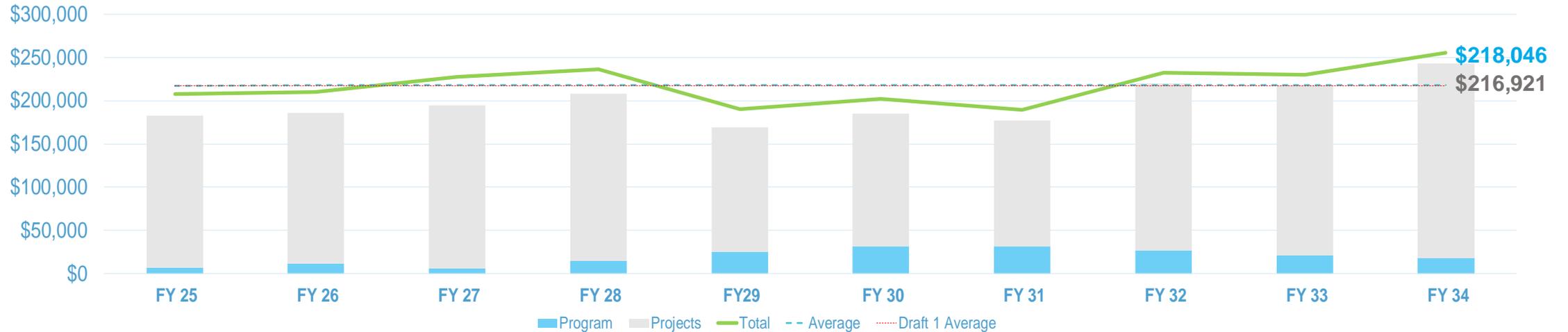
CIP Document	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	5-Year Total
<b>Draft #2 Wastewater CIP FY 25-29</b>	\$158,298	\$169,189	\$212,693	\$216,231	\$201,995	\$182,417	\$982,525
<b>Draft #1 Wastewater CIP FY 25-29</b>		\$180,801	\$188,271	\$214,106	\$198,382	\$178,341	\$959,901
<b>Difference (\$)</b>		-\$11,612	\$24,422	\$2,125	\$3,613	\$4,076	\$22,624
<b>Difference (%)</b>		-6.42%	12.97%	0.99%	1.82%	2.29%	2.36%

# FY 25-34 10-YEAR WATER CIP OUTLOOK



	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	FY 33	FY 34
<b>Program</b>	\$42	\$6,684	\$11,752	\$5,785	\$15,233	\$25,192	\$31,442	\$31,416	\$26,840	\$20,942	\$17,752
<b>Projects</b>	\$182,143	\$175,675	\$174,364	\$188,417	\$193,187	\$144,313	\$153,861	\$145,924	\$193,285	\$196,706	\$225,455
<b>Total</b>	<b>\$205,662</b>	<b>\$207,333</b>	<b>\$209,752</b>	<b>\$227,823</b>	<b>\$236,331</b>	<b>\$190,550</b>	<b>\$202,288</b>	<b>\$189,586</b>	<b>\$232,086</b>	<b>\$229,576</b>	<b>\$255,134</b>

10-Year Water CIP Outlook



0.92% increase in 10-year average from Draft 1 FY 25-29 CIP (\$ 216,921)

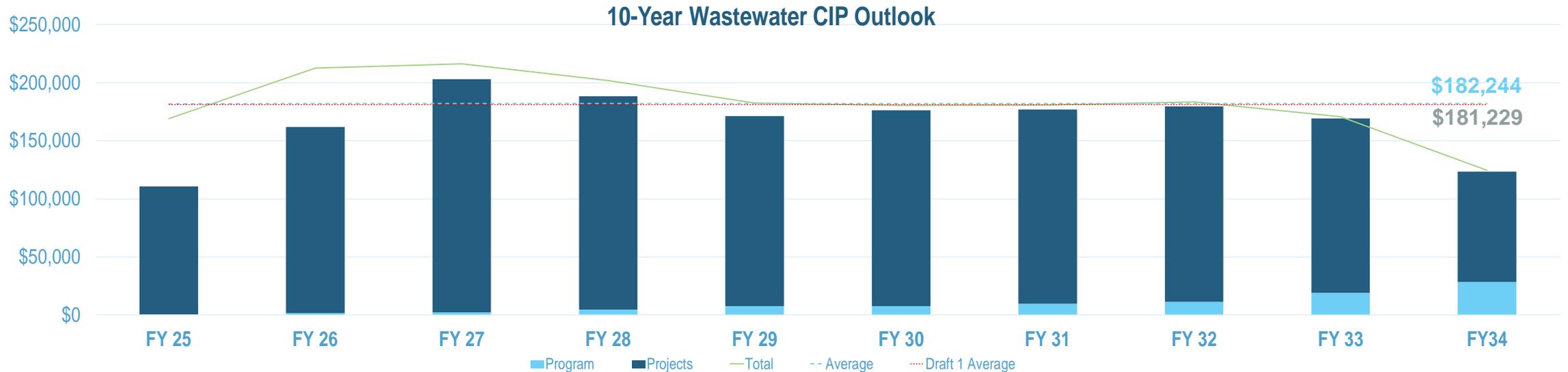


Financial figures in \$1,000s and rounded

# FY 25-34 10-YEAR WASTEWATER CIP OUTLOOK



	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	FY 33	FY 34
<b>Program</b>	\$474	\$712	\$1,741	\$2,241	\$4,700	\$7,531	\$7,531	\$9,812	\$11,259	\$18,996	\$28,429
<b>Projects</b>	\$78,674	\$110,046	\$160,214	\$200,964	\$183,772	\$163,736	\$168,713	\$167,184	\$168,404	\$150,431	\$95,038
<b>Total</b>	<b>\$158,298</b>	<b>\$169,189</b>	<b>\$212,693</b>	<b>\$216,231</b>	<b>\$201,995</b>	<b>\$182,417</b>	<b>\$180,433</b>	<b>\$180,716</b>	<b>\$183,392</b>	<b>\$170,901</b>	<b>\$124,472</b>



0.56% increase in 10-year average from Draft 1 FY 25-29 CIP (\$181,229)

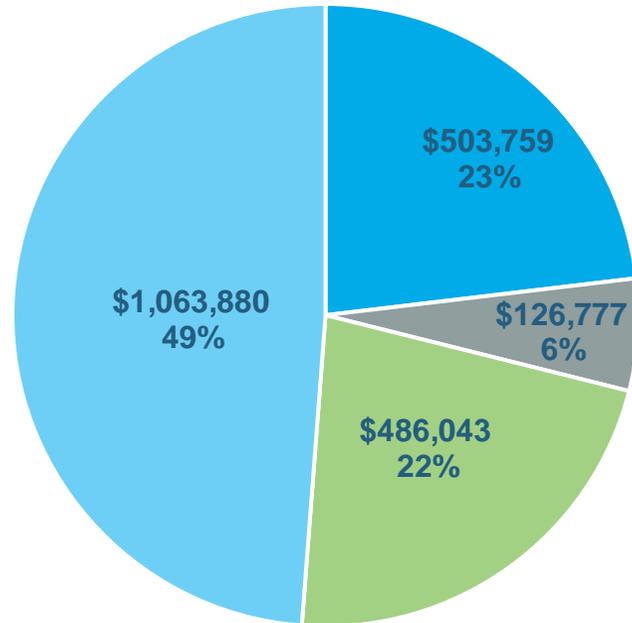


Financial figures in \$1,000s and rounded

# FY 25-29 CIP STATISTICS-FUNCTION

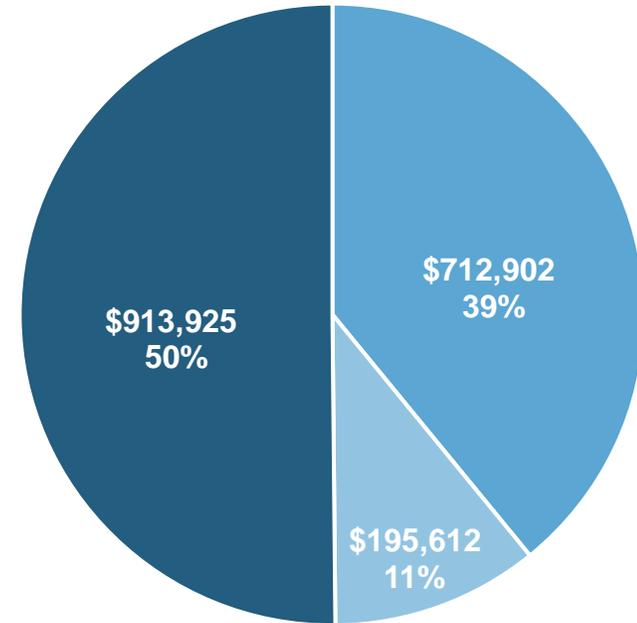


## WATER FY 25-29



- Water Pumps
- Water Storage
- Water Transmission
- Water Treatment

## WASTEWATER FY 25-29

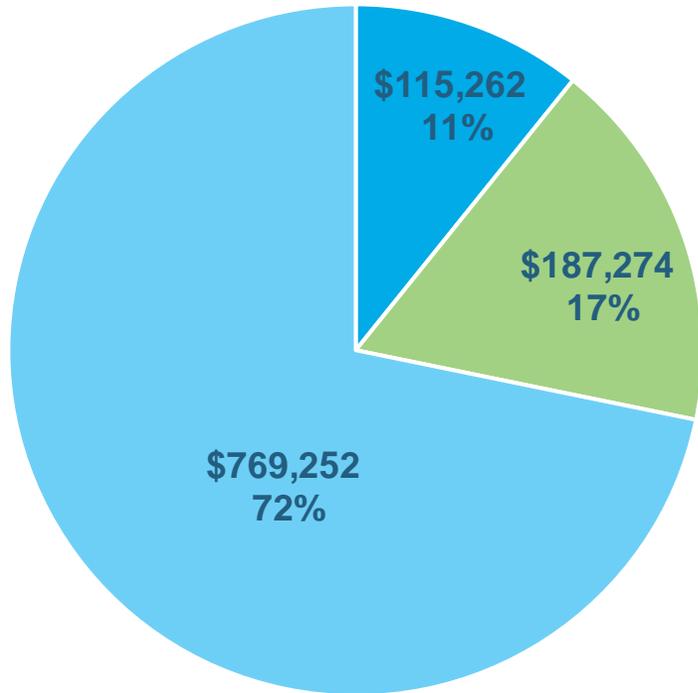


- Wastewater Conveyance/Pumps
- Wastewater CSO
- Wastewater Treatment

# FY 25-29 CIP STATISTICS-PROJECT STATUS

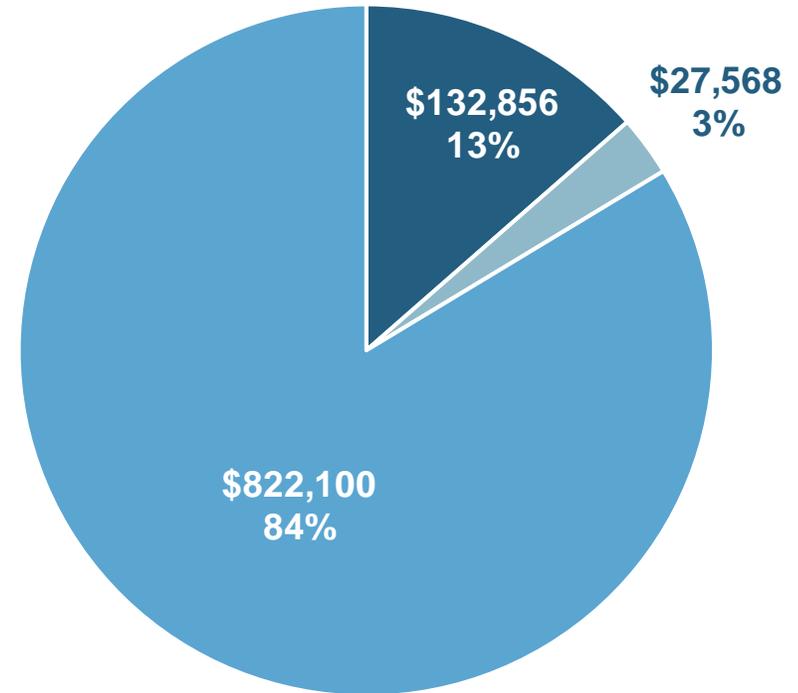


## WATER STATUS FY 25-29



- Active Water
- Future Planned Water
- Project Execution Water

## WASTEWATER STATUS FY 25-29

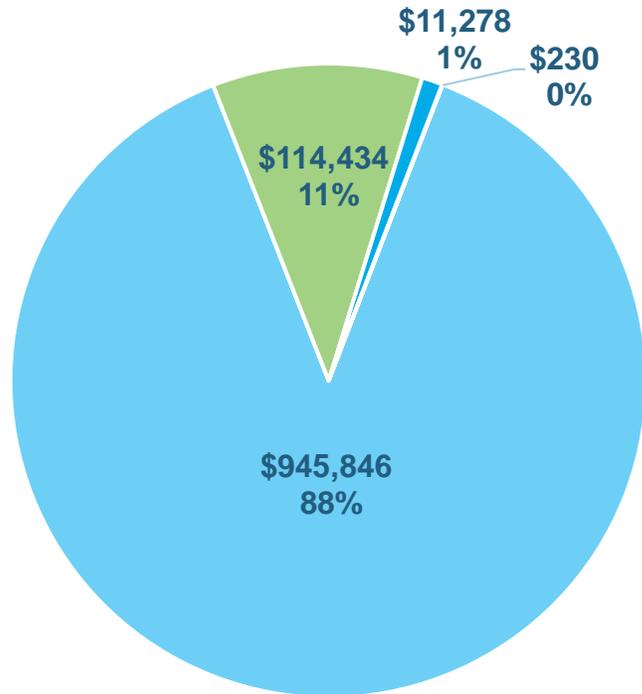


- Active Wastewater
- Future Planned Wastewater
- Project Execution Wastewater

# FY 25-29 CIP STATISTICS-SPEND CATEGORY

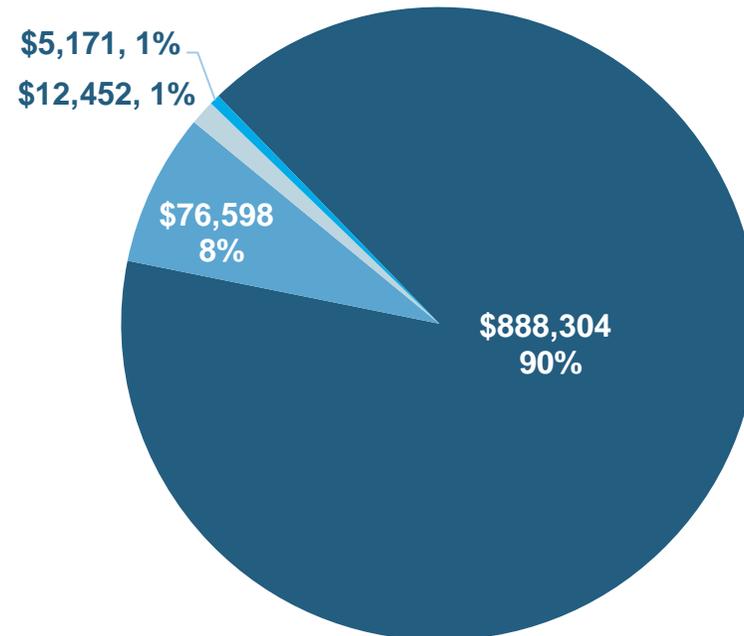


## WATER FY 25-29



- Construction
- Design
- GLWA Salary
- Professional Services

## WASTEWATER FY 25-29



- Construction
- Design
- GLWA Salary
- Professional Services



Financial figures in \$1,000s and rounded



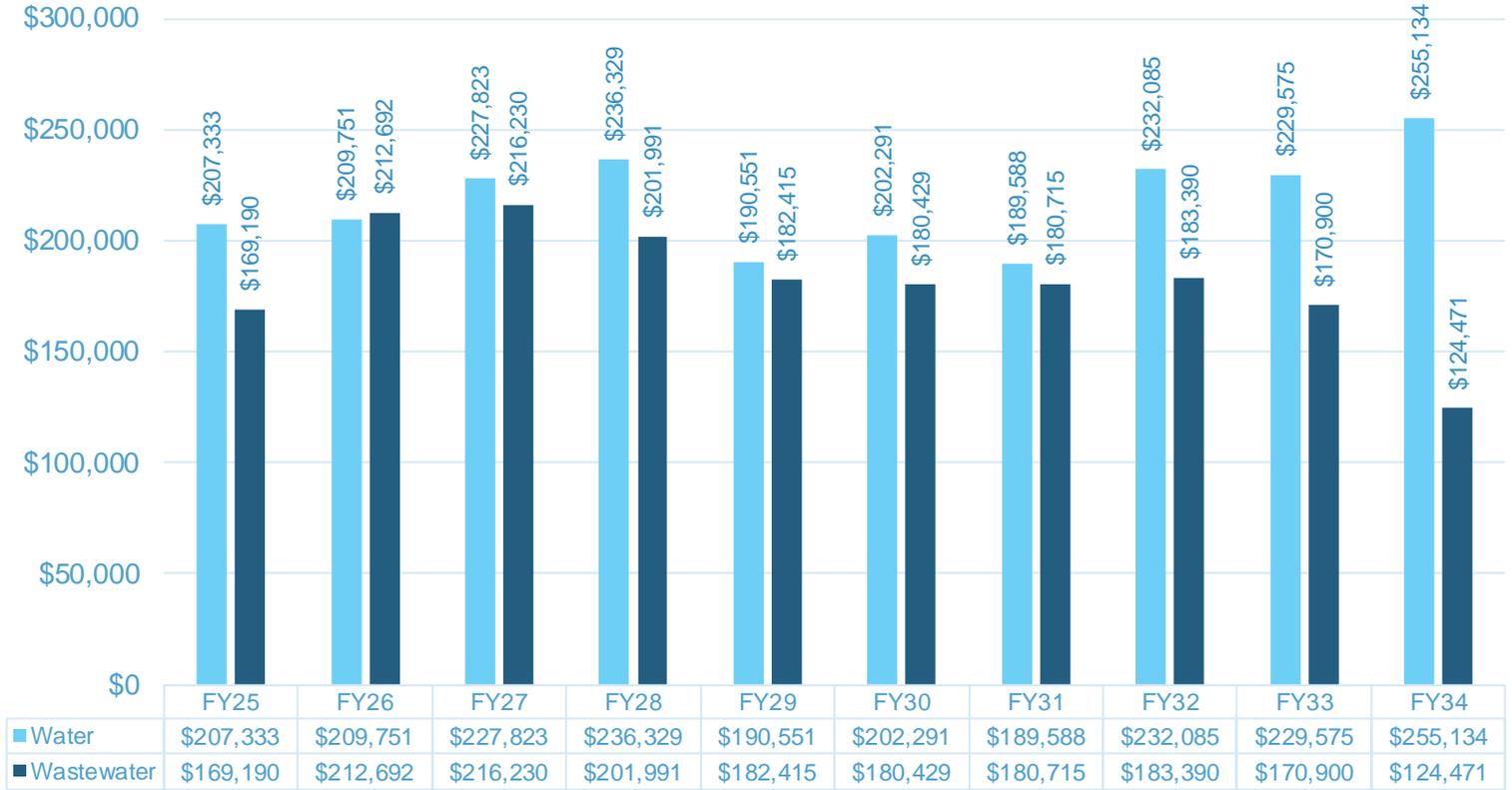
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# RECAP & NEXT STEPS

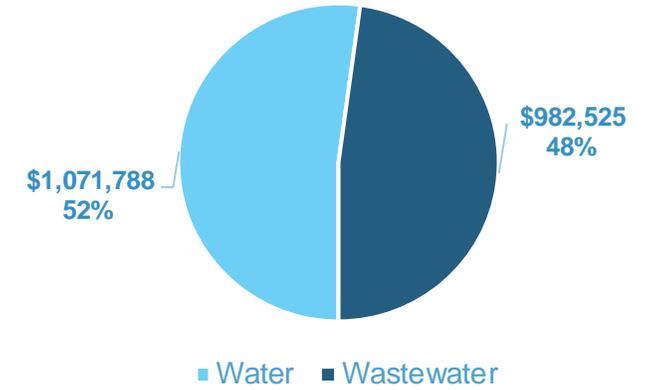
# WATER & WASTEWATER CIP FY 25-34 (10YR PROJECTIONS)



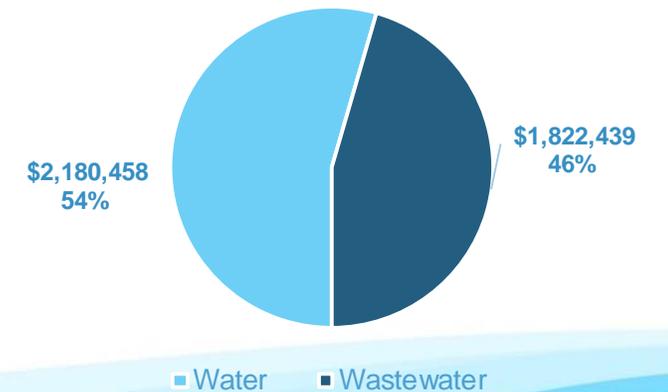
10 Year CIP



CIP FY 25-29 (5 Year) Business Unit



CIP FY 25-34 (10 Year) Business Unit

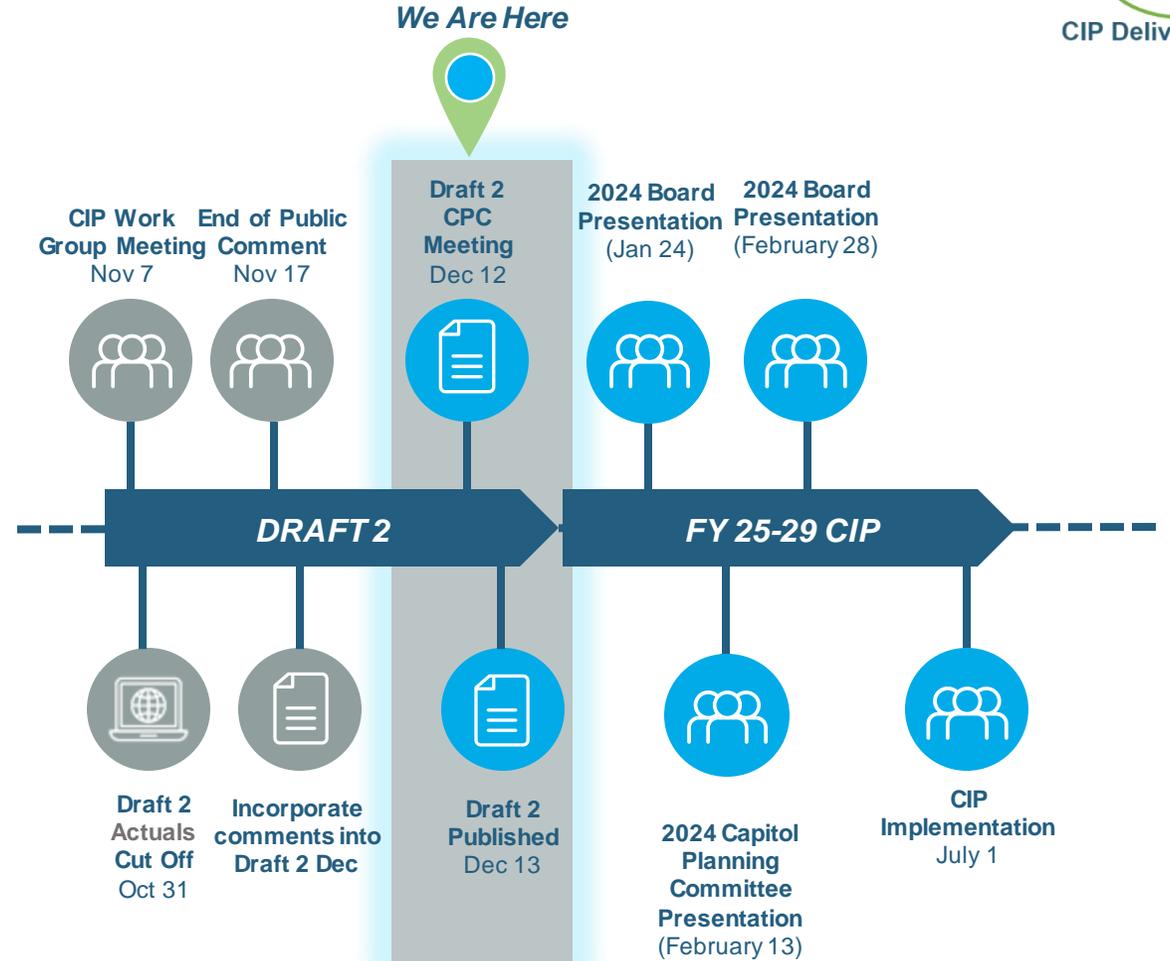
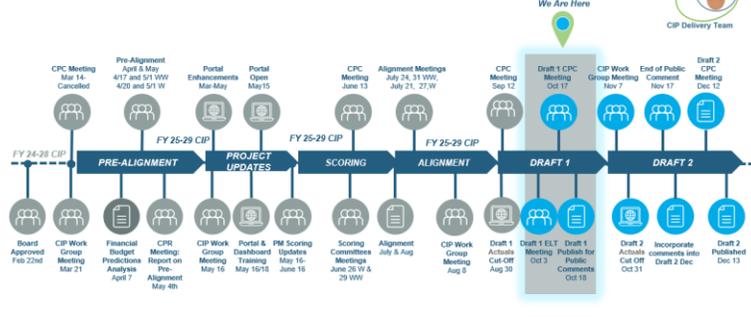


Financial figures in \$1,000s and rounded

# FY 25-29 ROADMAP- WHAT'S NEXT



## FY 25-29 ROADMAP- HOW WE GOT HERE



**CPC** – Capital Planning Committee | **CIP** – Capital Improvement Plan  
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# QUESTIONS & THANK YOU