

CLACKAMAS COUNTY BOARD OF COUNTY COMMISSIONERS

Sitting/Acting as the
Governing Body of Clackamas Water Environment Services

Policy Session Worksheet

Presentation Date: 20 Sep 2023 **Approx. Start Time:** 11:30AM **Approx. Length:** 30 min

Presentation Title: Water Environment Services Capital Projects Update

Department: Water Environment Services

Presenters: Greg Geist, Director

Other Invitees: Jeff Stallard, Capital Program Manager

WHAT ACTION ARE YOU REQUESTING FROM THE BOARD?

Purpose of the Policy Session is to update the Board of upcoming/current capital projects and programs in the WES 2024-2029 (Fiscal Years 2024/25 - 2028/29) Capital Improvement Plan (CIP). We welcome feedback and questions from the Board.

EXECUTIVE SUMMARY:

WES operates and maintains more than 350 miles of sanitary sewers, interceptors and force mains, twenty-three wastewater pumping stations, and five water resource recovery facilities. WES is also responsible for surface water management facilities within its fifty-eight square mile service area and coordinating with partner jurisdictions who are co-permittees under a jointly-issued MS4 permit.

WES' CIP is a rolling five-year plan that identifies and prioritizes wastewater and stormwater construction projects and major equipment purchases. Updated annually, the CIP provides planning level schedules, budget estimates, and identifies funding sources for projects. The CIP puts forward a prioritized plan that will maintain existing facilities, allow efficient, cost-effective operations and support service area growth while continuing to protect public health and water quality. The proposed five-year CIP for the wastewater system is estimated at \$239.8 million and includes the recommendations of several planning documents prepared by WES capital delivery staff and their consultants. The proposed five-year CIP for surface water is \$19.8 million.

Staff will present status updates of key ongoing projects, and share the highlights of the draft CIP.

The WES FY 24/25-28/29 CIP will be presented to the WES Advisory Committee for consideration in September 2023 and November 2023. WES staff will present the updated 5-year CIP to the Board in early 2024 for adoption.

FINANCIAL IMPLICATIONS (current year and ongoing):

Is this item in your current budget? YES NO

What is the cost? N/A – Inform/Update

What is the funding source? N/A – Inform/Update

STRATEGIC PLAN ALIGNMENT:

- How does this item align with your Department's Strategic Business Plan goals?
This is consistent with WES' Performance Clackamas strategic plan for the Capital Program which is to develop a CIP that will estimate cost and implementation schedule for major investments necessary to support partner communities and economic development over the next 20 years.
- How does this item align with the County's Performance Clackamas goals?

Supports the County's strategic priority of building strong infrastructure.

LEGAL/POLICY REQUIREMENTS: N/A

PUBLIC/GOVERNMENTAL PARTICIPATION: N/A

OPTIONS:

1. N/A


RECOMMENDATION: N/A – Inform/Update

ATTACHMENTS:

WES Capital Projects Update Presentation

SUBMITTED BY:

Division Director/Head Approval 

Department Director/Head Approval 

County Administrator Approval _____

For information on this issue or copies of attachments, please contact Chris Koontz @ 503-679-4034



Policy Session – September 20, 2023

WES Capital Projects Update



CLACKAMAS

WATER
ENVIRONMENT
SERVICES

Presenter:
Greg Geist, Director

PROTECT WATER QUALITY AND PUBLIC HEALTH

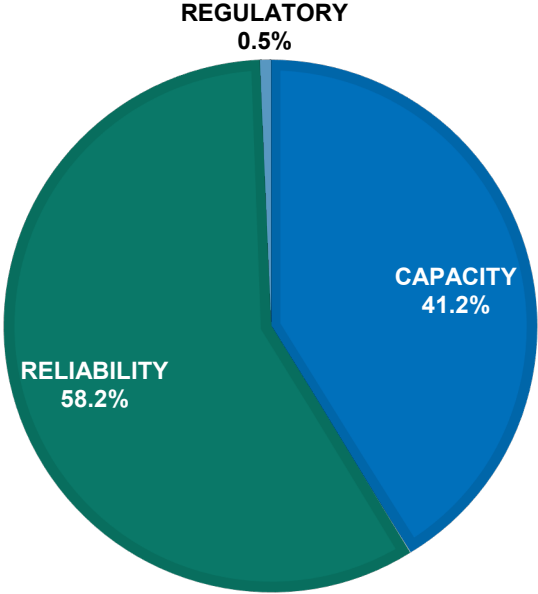


CIP is Based on Thoughtful Planning



Wastewater CIP Priorities

Capacity and Reliability



5 YEAR CIP

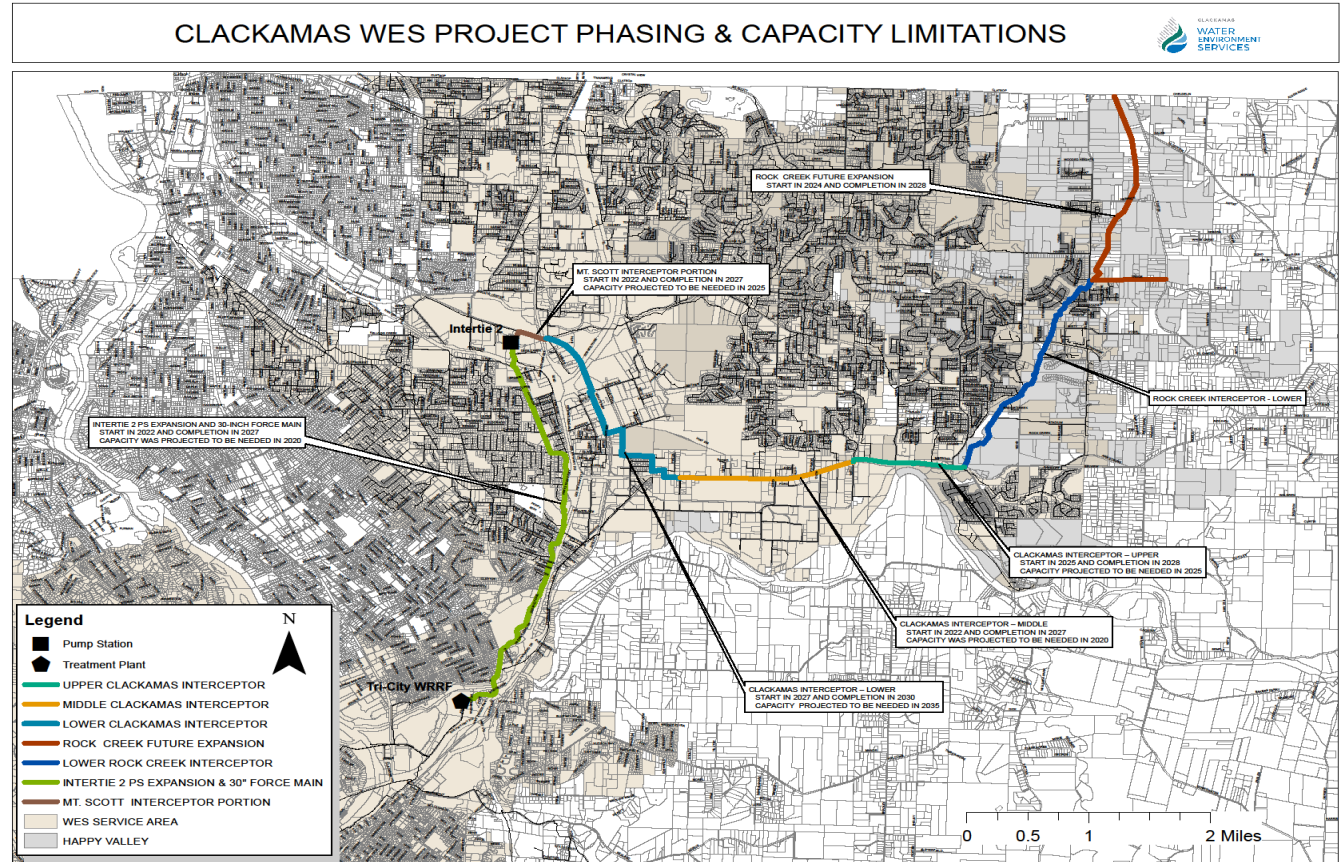
Tri-City WRRF Outfall Project



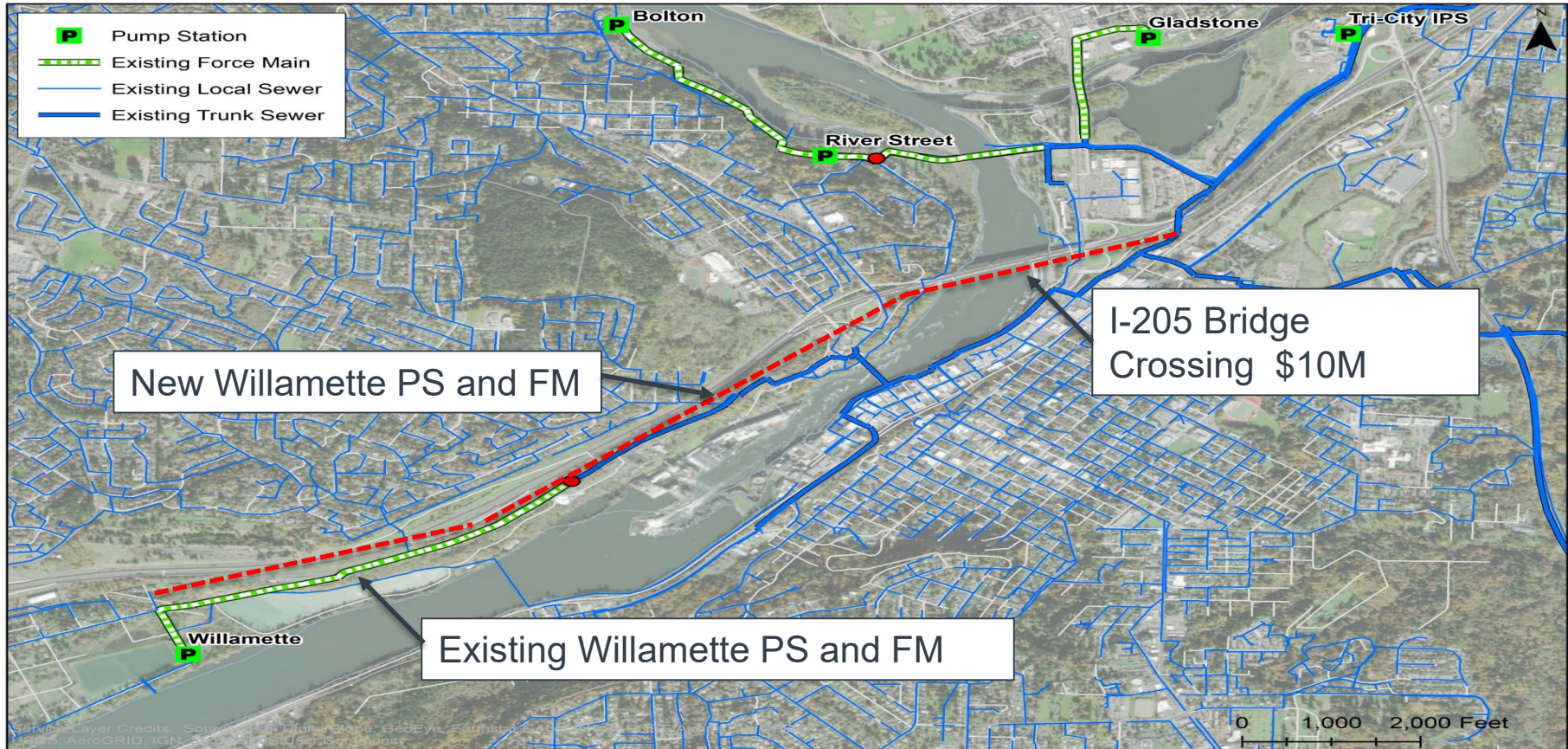
- Progressive Design-Build delivery
- Negotiating Guaranteed Maximum Price with construction to begin in 2024
- Combination of two outfalls will provide build out capacity
- New outfall in service 2026

Clackamas Interceptor Program - \$46M

- Three Clackamas Interceptor segments (Upper, Middle, Lower)
- Mt Scott Interceptor
- Project is Under Design and will be built in 3 phases



Willamette Interceptor Program - \$30.4M



Ongoing Programs - \$1.8M

- Programs Include
 - Treatment plant rehab and replacement
 - Pump station rehab and replacement
 - Collection system rehab
- Projects are identified using CCTV inspection and condition assessment information
- Prioritized based on risk.



3-Creeks Natural Area Floodplain Enhancement Project

Approx \$5M budget

- \$3M surface water funds
- \$1.45M deferred SRF interest
- \$620K Metro grant award

Work completed

- Site assessment & modeling
- Alternatives analysis
- 60% Plans
- Permit applications
- Extensive outreach

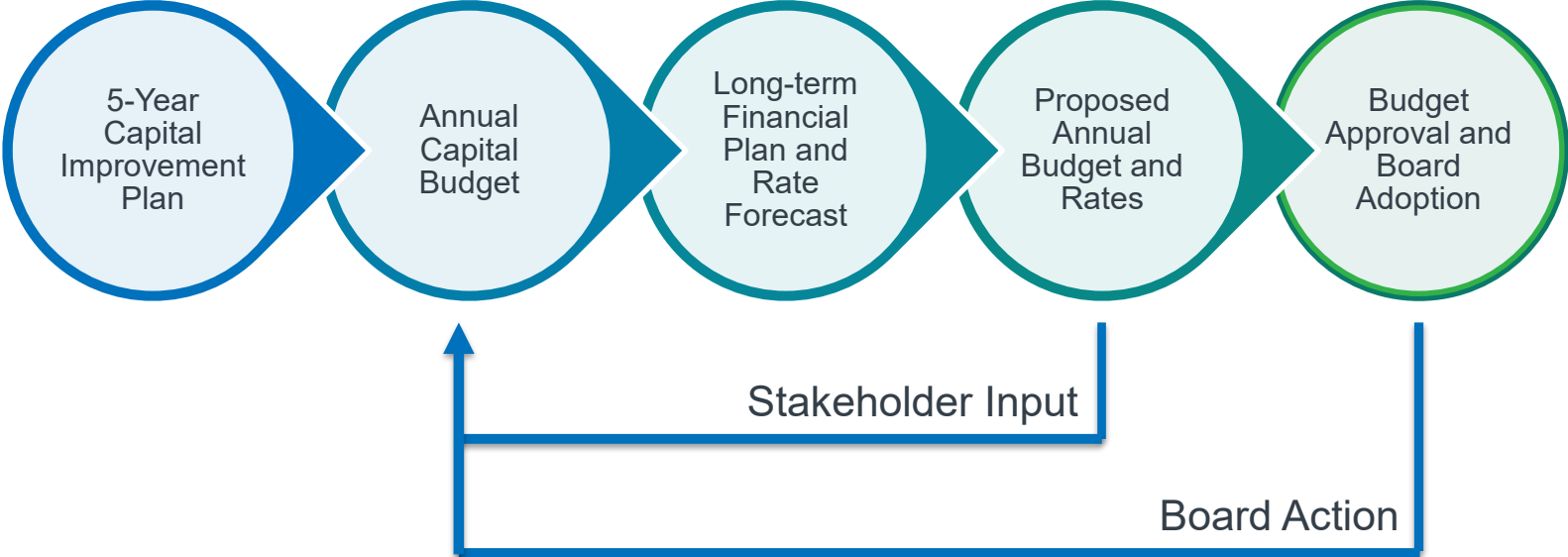
In progress

- Cultural resources survey
- 90% Plans
- Floodplain mapping
- Continued outreach
- Construction anticipated summer 2024



Financial Planning and Rate Impact

Connection between CIP, Budget, and Rates



Summary and Next Steps



- FY 2024/25 – 2028/29 total Wastewater CIP of \$239.8 Million, Surface Water CIP of \$19.8 Million
- September 14th WESAC presentation and request for input
- November 9th meeting, incorporating updates from WESAC input received
 - Motion of support requested
- If motion of support received, CIP will be presented to the Board of County Commissioners for adoption in January.



QUESTIONS?



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