

King County Upcoming Capital Projects

April 21, 2025

Presentation Schedule

- 10:00am - 12:00pm:** Announcements
Executive Climate Office
Facilities Management Division (FMD)/Harborview Bond
Road Services Division
Metro
Solid Waste Division (SWD)
Parks
- 12:00pm - 12:30pm:** ***BREAK***
- 12:30pm - 2:00pm:** Water and Land Resources Division (WLRD)
Wastewater Treatment Division (WTD)

Staying Connected

All of King County's upcoming capital projects are posted on Procurement & Payables page: [Upcoming Capital Projects - King County, Washington](#)

Hide fields Filter Group Sort ...								Q	
<input type="checkbox"/>	Project	Value	Est. Ad Date	Type	Agency	Contact Name	Contact En		
1	Site Security Improvements	\$3,000,000.00		A/E Consultant	Metro Transit	Peggy Murray	pmurray@l		
2	RapidRide R Line Design & Services During Construction	\$17,000,000.00		A/E Consultant	Metro Transit	Peggy Murray	pmurray@l		
3	South Facilities Roof Replacement	\$1,400,000.00		Construction	Metro Transit	Peggy Murray	pmurray@l		
4	Central Base Parking Garage Gate/Arm System Replacem...	\$200,000.00		A/E Consultant	Metro Transit	Peggy Murray	pmurray@l		
5	KCCF Elevator Upgrades			Construction	Facilities Management	Manny Flores	manuel.flor		
6	Program Engineering Services for Supplemental Complia...			A/E Consultant	Wastewater	Ian Smith	ismith@kin		
7	2025 Countywide Pavement Preservation	\$4,585,000.00	4/21/2025	Construction	Roads	Sayed Torak	storak@kin		
8	Stossel Long Term Project Construction	\$2,600,000.00	4/22/2025	Construction	Water & Land	Valerie Wu	vwu@kingc		
9	Progressive DB Services for South Interceptor	\$36,000,000.00	4/22/2025	Progressive Design...	Wastewater	Scott Mingus	scott.mingi		
10	Big Finn Field 4 Fence and Dugout Replacement	\$900,000.00	4/23/2025	Construction	Parks	Shazaad Jarrahan	shazaad.jar		

King County International Airport/Boeing Field (BFI)

The airport is currently working on Vision 2045, meeting all the components of an Airport Master Plan. The plan will provide a roadmap of projects to maintain the airport according to guidance from the Federal Aviation Administration (FAA) and account for potential environmental and socioeconomic impacts.

Contact: Troy Chen, Community Engagement Coordinator
E-mail: trchen@kingcounty.gov

Executive Climate Office



CPRG Multifamily Decarbonization:

**Program Administrator Contract
Opportunity**

Program Overview & Opportunity

- **King County CPRG:** Focuses on equitable building decarbonization.
- **Current RFA:** Seeks up to 3 contractors for the Multifamily Building Decarbonization program.
- **Three Key Roles:**
 - NOAH Program Administrator
 - Energy Benchmarking Contractor
 - Technical Assistance Contractor
- **Apply for multiple roles!** Total contract: \$14.6M.
- **Applications Open:** April 1st - **Close:** April 30th





Key Contractor Responsibilities

- **NOAH Program Administrator:** Manage NOAH decarbonization projects: outreach, assessments, upgrades, subcontractor coordination, performance monitoring. Ideal: Experience with relevant contractors, LIDAC, NOAH, project management.
- **Energy Benchmarking Contractor:** Benchmark multifamily buildings using ENERGY STAR Portfolio Manager, provide reports, and guidance on building performance laws. Ideal: Experience with multifamily performance, ESPM, utility relations, compliance.
- **Technical Assistance Contractor:** Conduct ASHRAE audits, develop decarbonization plans, and identify financing. Ideal: Experience with multifamily decarbonization technical assistance and financing.

Eligibility & Next Steps

- **Eligible Applicants:** Qualified non-profit or for-profit entities for each role. No specific certifications required.
- **Opportunity:** Contribute to King County's climate goals and support affordable housing decarbonization.
- **Apply by April 30th!**
- **For more information, contact:**

Riley Lynch (she/her/hers)
Multifamily Building Decarbonization Program
Manager
Executive Climate Office (ECO)
rilynch@kingcounty.gov



bit.ly/multifamilyrfa

Harborview Bond Program

HARBORVIEW
MEDICAL CENTER

UW Medicine



King County



King County

HARBORVIEW BOND PROGRAM*

Focused on the future of Harborview

April 2025

*The Harborview Bond Program is a King County & UW Medicine Collaboration

HarborviewBondProgram.com



Early drafted rendering
of new tower

ABOUT

Harborview Medical center



Provide healthcare
for the most
vulnerable
residents of King
County



Develop and maintain
leading-edge centers
of emphasis



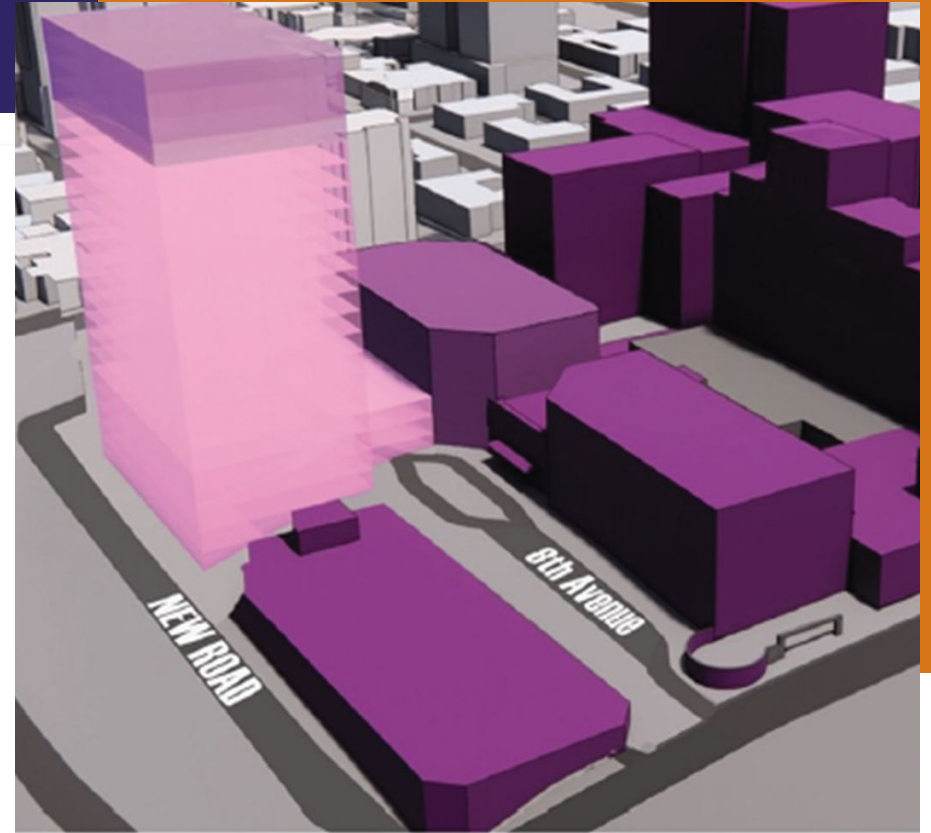
PROGRAM TEAM

- A strong collaborative team at the helm, includes key individuals from:
 - King County
 - Harborview Medical Center
 - UW Medicine
 - Design and construction companies
 - Additional consultants

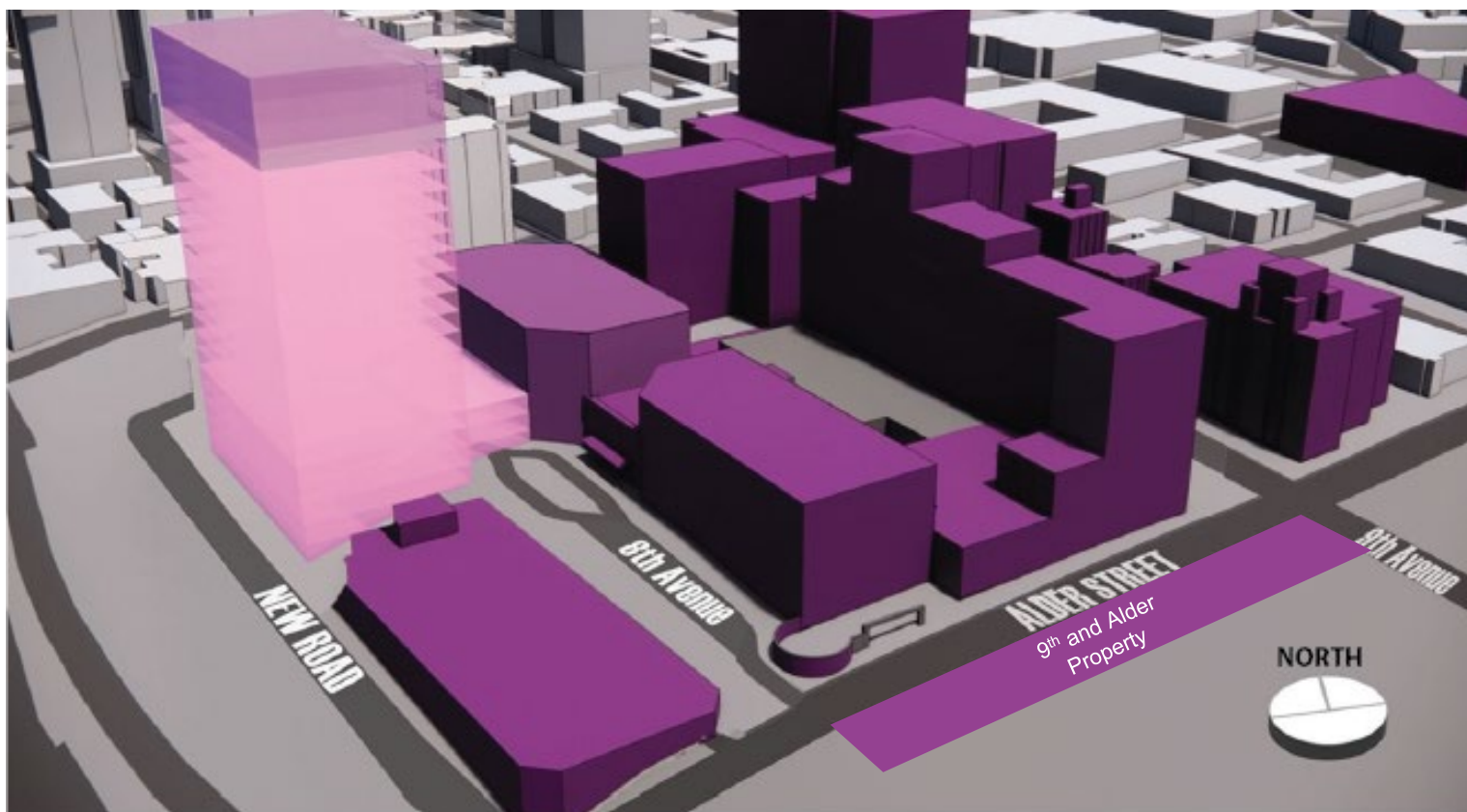


BOND PROGRAM goals

1. New inpatient medical tower
2. Renovations to essential hospital services in older hospital spaces
3. Renovations to County spaces in older hospital spaces
4. Infrastructure developments to support facilities



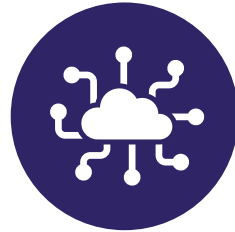
CAMPUS VISION





CAMPUS IMPROVEMENTS

New medical tower, phase 1 focus



State-of-the-art
technology



Expanded and
updated emergency
department



Expansion of
single beds



Improved access for patients,
staff and visitors

Co-location workspace



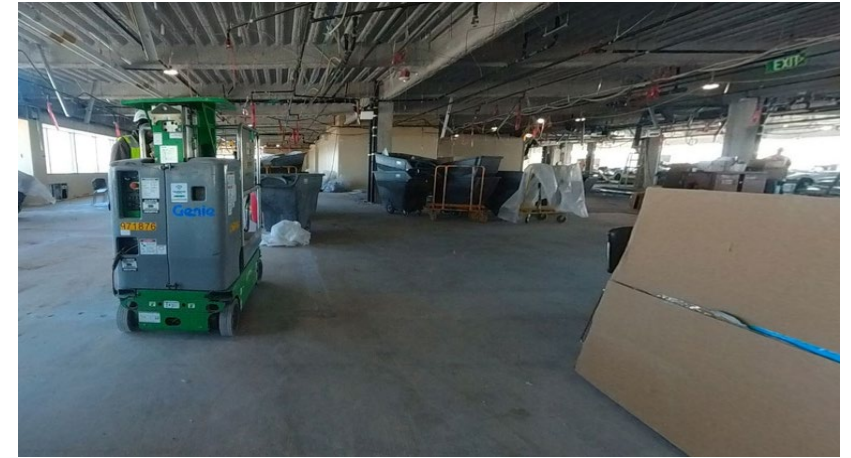
- Multi-story office workspace
 - Use for meetings and collaboration spaces to meet Bond goals
- Temporary modular building
- Use for phases from planning to construction of Bond goals

New tower anticipated schedule*

CONTRACT BID SCHEDULE	DATE
Procurement	Q2 2025
Selection of Design-Builder	Q3 2025
GMP Negotiations	Q3 2027
Completion	~2032

CONNECT WITH US

Sign up for our newsletter at
[KingCounty.Gov/Harborview](https://kingcounty.gov/harborview)



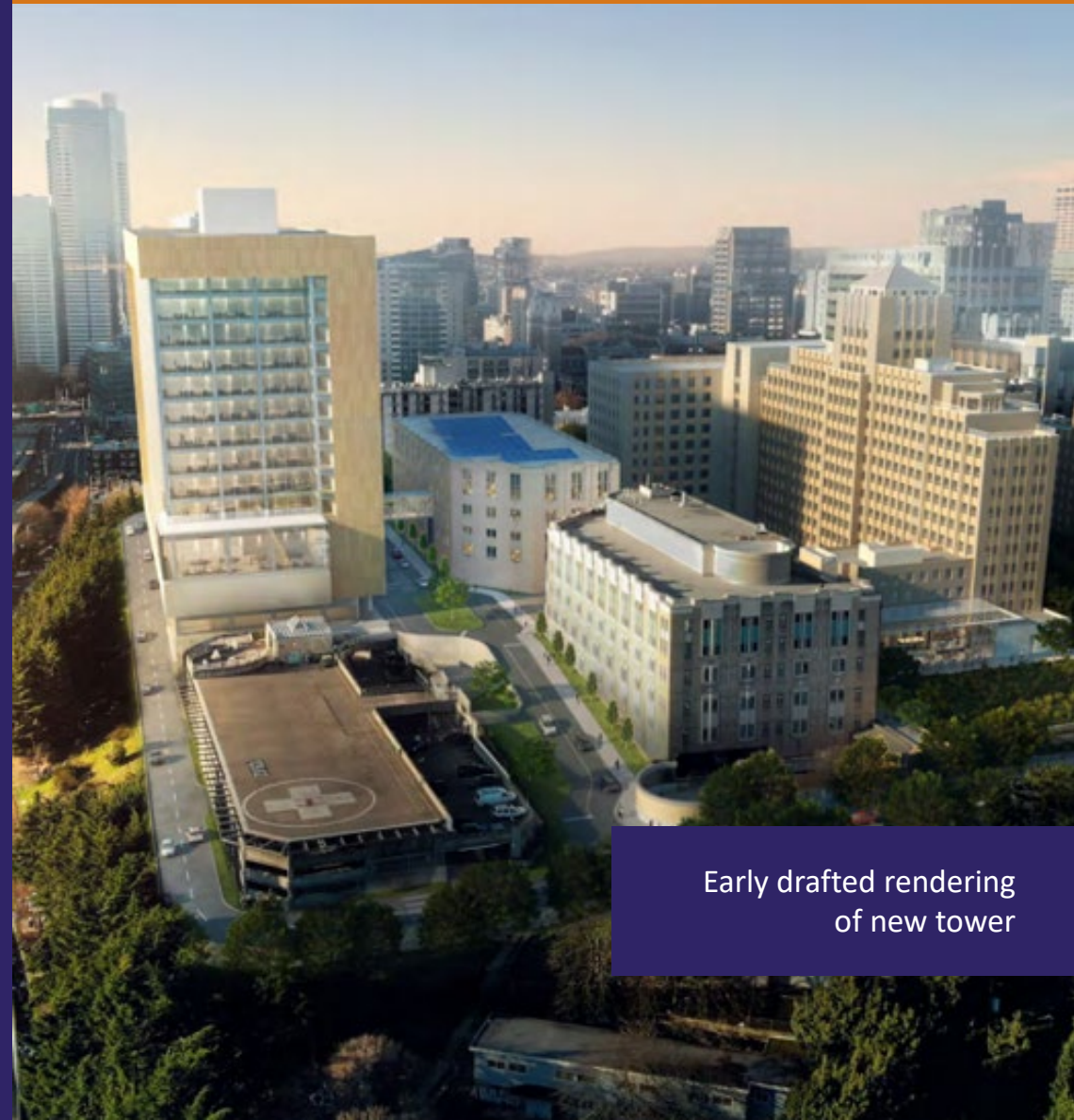
QUESTIONS?

HARBORVIEW
MEDICAL CENTER

UW Medicine



King County



Early drafted rendering
of new tower

Road Services Division



King County

Department of Local Services

Road Services Division

How can we serve you?



King County

Department of Local Services

Road Services Division

King County Contractor Networking & Outreach Event

April 21, 2025

King County Road Services Division



Mission

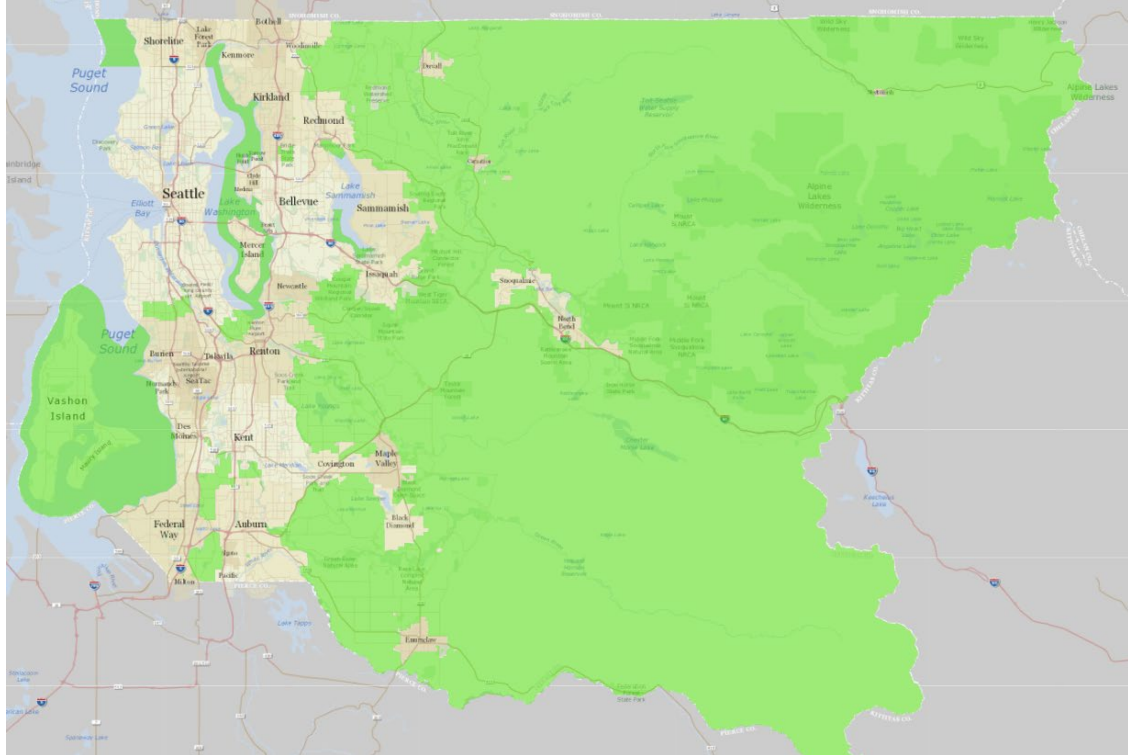
Connecting communities with a safe and reliable road network for all.

Vital Statistics

- ~1500 miles of unincorporated county roads
- 185 bridges
- 6 regional maintenance facilities
- 395 employees



Where is Unincorporated King County?



- Green area is **Unincorporated King County**.
- Scan QR code
 - Find an Address or Place
 - Within Unincorporated King County
- Source: <https://kingcounty.maps.arcgis.gov>



Bridges & Structures

Novelty Hill Bridge Granite and painted steel. Duvall, WA. King County Public Art Collection. Photo: joefreemanjunior.com

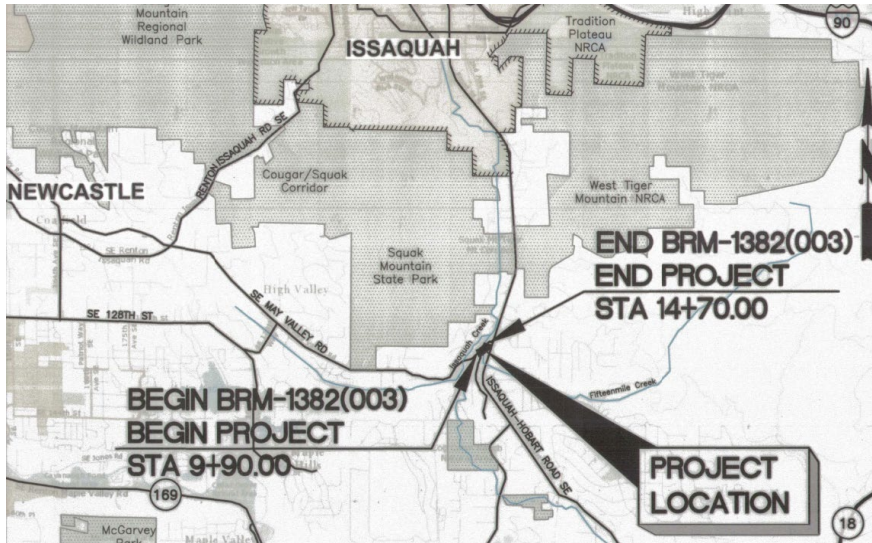


Bridges & Structures

Project Name	Planned Construction	Cost Estimate
Judd Creek Bridge Resurfacing	Summer 2026	\$1.25M
Boise X Connection Bridge Replacement	Summer 2026	\$4.24M
Fifteen Mile Creek Bridge Replacement	Summer 2026	\$4.22M



Fifteen Mile Creek Bridge Replacement



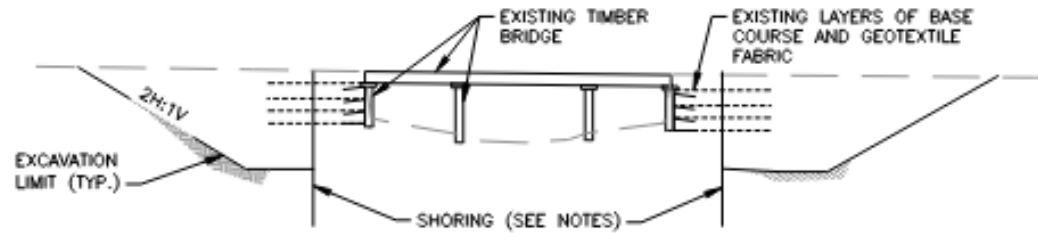
24/7 Road Helpline: 206-477-8100

[KingCounty.gov/roads](https://www.kingcounty.gov/roads)

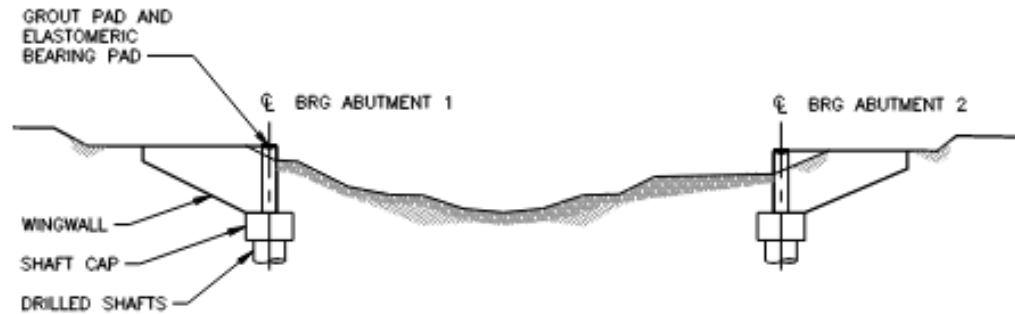


King County
Department of Local Services
Road Services Division

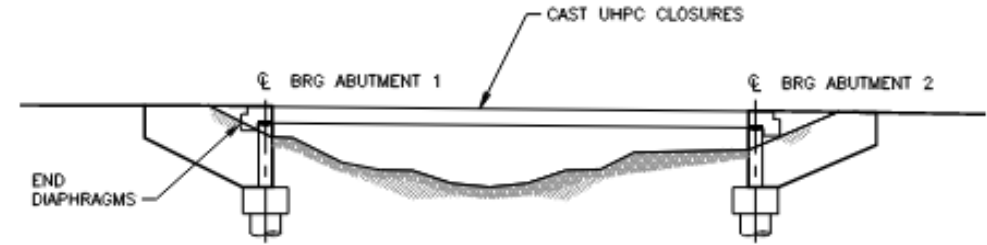
Fifteen Mile Creek Bridge Replacement



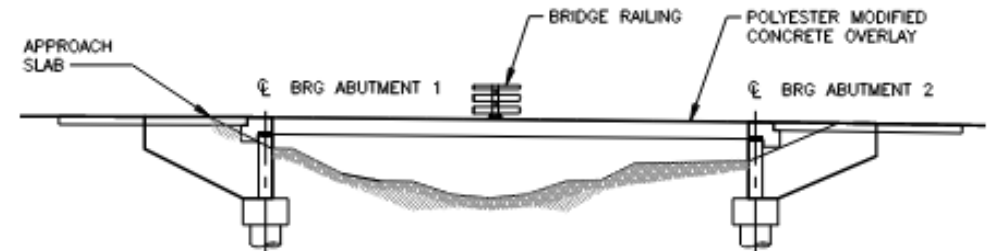
STAGE 1



STAGE 2



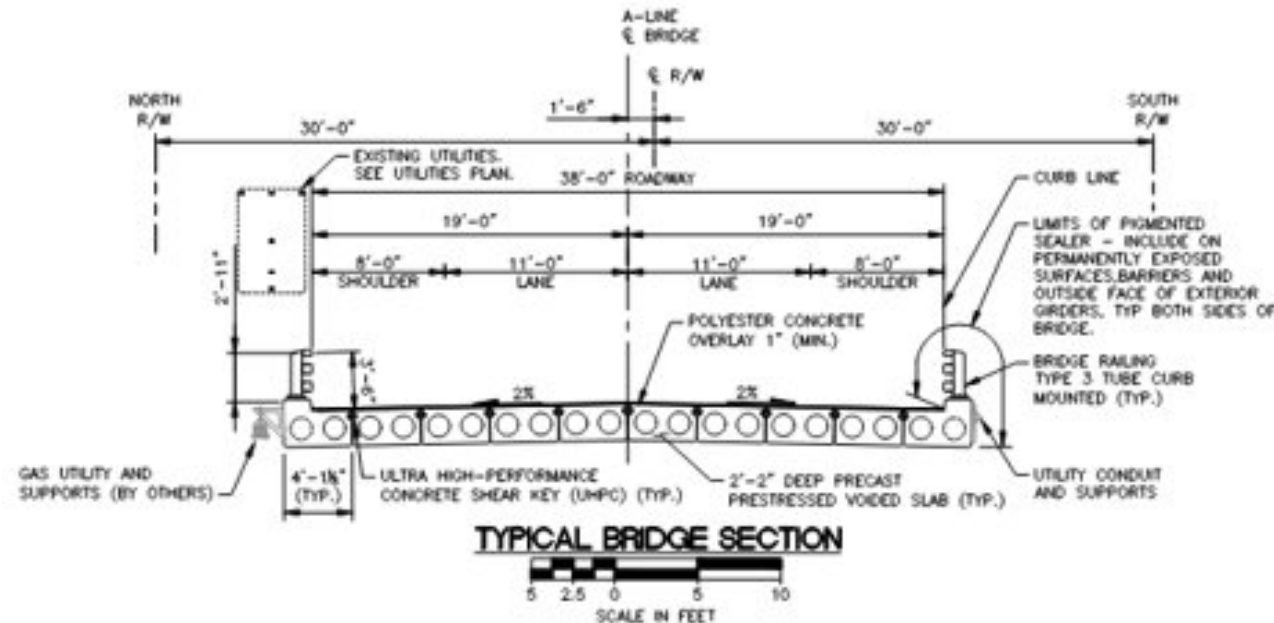
STAGE 3



STAGE 4



Fifteen Mile Creek Bridge Replacement



Project Name	Location	Planned Construction	Cost Estimate
Fifteen Mile Creek Bridge Replacement	May Valley	Summer 2026	\$4.22M

Fish Passage

Fish passage has returned to the stream at 284th Ave SE near Enumclaw after this 2023 project.



Fish Passage

Project Name	Design RFP	Cost Estimate	Planned Construction	Cost Estimate
SE High Point Way Culvert Construction and Fish Passage	July 2025	TBD		
SE Mud Mountain Road Fish Passage Improvements	July 2025	\$1.56m		
NE 100th St at Ames Creek Fish Passage Improvement	Spring 2026	\$820K		
SE 424th St near 254th Ave SE Fish Passage Improvements	Fall 2026	\$1.0M		
SE Fairwood Boulevard East of 151st Ave SE Culvert Replacement			2025	TBD
NE 128th Way Culvert Replacement			Fall 2025	\$1.38M
Avondale RD NE at NE 144th Pl			Spring 2026	\$1.84M
NE 165th at 176th Ave NE				\$1.78M
SE 92nd St Flood Improvement			2026	TBD



NE 100th St at Ames Creek Fish Passage



- Evaluate Existing System
- Flood Modeling
 - FEMA Flood Plain
 - Snoqualmie River
 - Ames Creek

- Remove & Replace vs. Upgrades
 - i.e. Automatic Gate System
- Flood Protection
- Improved Fish Passage

Project Name	Design RFP	Cost Estimate	Planned Construction	Cost Estimate
NE 100th St at Ames Creek Fish Passage Improvement	Spring 2026	\$820K	TBD	TBD



Traffic & Road

Crews completed paving, lane striping, and installed native plants in March 2024 at the new roundabout near Redmond, WA.



24/7 Road Helpline: 206-477-8100

[KingCounty.gov/roads](https://kingcounty.gov/roads)



King County
Department of Local Services
Road Services Division

Traffic & Road

Project Name	Planned Construction	Cost Estimate
16th Ave SW Pedestrian Improvements	July 2025	\$808K
Countywide Guardrail Installation	August 2025	\$715K
68th Ave S/S 124th St Pavement/ADA Improvements	Nov 2025	\$1.24M
NE Big Rock Road Overlay	Winter 2026	\$1.93M
SE Covington-Sawyer RD Sightline Improvements	Spring 2026	\$1.19M
White Center Pedestrian Safety Improvements	Spring 2026	\$405K
SE Lake Francis Road Haul Mitigation	Spring 2026	\$1.6M
57th Ave Sidewalk	Spring 2026	\$1.25M
2026 Countywide Pavement Preservation	2026	TBD

24/7 Road Helpline: 206-477-8100

KingCounty.gov/roads



King County
Department of Local Services
Road Services Division

More Information



Roads' Projects & Programs



Active Capital Projects












More Information

[HOME](#) / [EXECUTIVE SERVICES](#) / [FBOD](#) / [PROCUREMENT AND PAYABLES](#) / [UPCOMING CAPITAL PROJECTS](#)

Upcoming Capital Projects

Plan ahead for these construction, architecture, and engineering projects.

 Hide fields	 Filter	 Group	 Sort		...	
<input type="checkbox"/>	Project	Value	Est. Ad Date	Type		
1	Site Security Improvements	\$3,000,000.00		A/E Consultant		
2	RapidRide R Line Design & Services During Construction	\$17,000,000.00		A/E Consultant		
3	South Facilities Roof Replacement	\$1,400,000.00		Construction		
4	Central Base Parking Garage Gate/Arm System Replacem...	\$200,000.00		A/E Consultant		
5	KCCF Elevator Upgrades			Construction		
6	Program Engineering Services for Supplemental Complia...			A/E Consultant		
7	2025 Countywide Pavement Preservation	\$4,585,000.00	4/21/2025	Construction		
8	Stossel Long Term Project Construction	\$2,600,000.00	4/22/2025	Construction		
9	Progressive DB Services for South Interceptor	\$36,000,000.00	4/22/2025	Progressive De		
10	Big Finn Field 4 Fence and Dugout Replacement	\$900,000.00	4/23/2025	Construction		
11	Five Mile Park Parking Lot Lighting	\$800,000.00	4/23/2025	Construction		
12	Little Lake Forest Parking Area	\$750,000.00	4/25/2025	Construction		
144 records		Sum \$1,174,263,045.00				
			 Download CSV	 View larger version		

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PROCUREMENT AND PAYABLES

201 S. Jackson St.

7th Floor

Seattle, WA 98104

Hours: 8 a.m. - 4:30 p.m.

206-263-9400 ext. 4

TTY Relay 711

procurement.web@kingcounty.gov

Web View

00 Hide fields										Filter	Group	IT Sorted by 1 field	...
<input type="checkbox"/>	Project	Value	Est. Ad Date	Type	Agency	Contact Name	Contact Email Address	Phone	Updated				
50	Fifteen Mile Creek Bridge #493C Replacement	\$4,223,000.00	9/2/2025	Construction	Roads	Jessy Jose	jessy.jose@kingcounty.gov	(206) 477-3542	3/26/2025				
51	Boise X Connection Bridge #3055A Replacement	\$4,243,000.00	9/9/2025	Construction	Roads	Henry Jin	hejin@kingcounty.gov	(206) 263-7988	3/26/2025				
52	16th Ave SW Pedestrian improvements	\$687,930.00	7/1/2025	Construction	Roads	Jon Linders	jliners@kingcounty.gov	(206) 263-0316	4/15/2025				
53	Judd Creek Bridge #3184 Deck Repair	\$1,247,000.00	2/24/2026	Construction	Roads	Ben Roark	ben.roark@kingcounty.gov	(206) 477-3029	4/15/2025				
54	S Langston Rd at 125th Ave S Drainage Improvement	\$2,150,000.00	7/1/2028	Construction	Roads	Jon Cassidy	jon.cassidy@kingcounty.gov	(206) 477-2588	4/15/2025				
55	SE Covington-Sawyer Rd Sightline improvement	\$1,185,000.00	3/2/2026	Construction	Roads	Jun Wang	jun.wang@kingcounty.gov	(206) 477-9089	4/15/2025				
56	SE 240th St Fish Passage Culvert Replacement	\$4,517,000.00	2/1/2027	Construction	Roads	Lica Dulan	lica.dulan@kingcounty.gov	(206) 477-4681	4/15/2025				
57	Bear Creek Basin Culvert Replacements (185th Ave NE bri...	\$4,397,000.00	4/1/2027	Construction	Roads	Lica Dulan	lica.dulan@kingcounty.gov	(206) 477-4681	4/15/2025				
58	180th at 408th Fish Passage Culvert	\$3,236,000.00	1/14/2028	Construction	Roads	Hendrik Ufkes	hufkes@kingcounty.gov	(206) 263-2804	4/15/2025				
59	NE 128th Way Culvert Replacement	\$1,381,000.00	9/8/2025	Construction	Roads	Lica Dulan	lica.dulan@kingcounty.gov	(206) 477-4681	4/15/2025				
60	2025 Countywide Guardrail Installation	\$715,000.00	8/5/2025	Construction	Roads	Jon Linders	jliners@kingcounty.gov	(206) 263-0316	4/15/2025				
61	Update 2016 Roads Design and Construction Standards	\$350,000.00	7/31/2025	A/E Consultant	Roads	Clara Gao	cgao@kingcounty.gov	(206) 477-4893	2/18/2025				
62	SE High Point Way Culvert Construction and Fish Passage		7/31/2025	A/E Consultant	Roads	Chris Chen	yuchen@kingcounty.gov	(206) 263-1042	2/18/2025				
63	SE 424th St near 254th Ave SE fish passage improvement	\$1,000,000.00	8/1/2025	A/E Consultant	Roads	John Scanlon	jscanlon@kingcounty.gov	(206) 477-9403	2/18/2025				
64	SE Mud Mountain Road Fish Passage Improvement	\$1,550,000.00	7/22/2025	A/E Consultant	Roads	Hiromal Premachandra	hpremachandra@kingcounty.gov	(206) 263-9801	2/18/2025				
65	NE 100th St at Ames Creek fish passage improvement	\$820,000.00	3/1/2026	A/E Consultant	Roads	Michael Walker	michwalker@kingcounty.gov	(206) 477-5012	2/18/2025				
66	Work Order Survey and Property Services for Road Servic...	\$500,000.00	5/5/2025	A/E Consultant	Roads	Jon Cassidy	jon.cassidy@kingcounty.gov	(206) 793-8020	3/26/2025				
67	2025 Countywide Pavement Preservation	\$4,585,000.00	4/21/2025	Construction	Roads	Sayed Torak	storak@kingcounty.gov	(206) 263-1965	4/15/2025				
68	2025 Bituminous Surface Treatment	\$2,093,000.00	5/15/2025	Construction	Roads	Sayed Torak	storak@kingcounty.gov	(206) 263-1965	3/26/2025				
69	Upgrade Overhead Flashers to LED Stop Signs	\$618,000.00	5/15/2025	Construction	Roads	Jun Wang	Jun.Wang@kingcounty.gov	(206) 477-9089	3/26/2025				
70	66th Ave S/S 124th St Pavement/ADA Improv.	\$1,236,000.00	11/17/2025	Construction	Roads	Sayed Torak	storak@kingcounty.gov	(206) 263-1965	4/15/2025				
71	Bear Creek Basin Culvert Replacements (Avondale Rd NE ...	\$3,613,000.00	4/1/2026	Construction	Roads	Lica Dulan	lica.dulan@kingcounty.gov	(206) 477-4681	4/15/2025				

<https://kingcounty.gov/en/dept/executive-services/about-king-county/business-operations/finance-business-operations/procurement-payables/upcoming-projects>

24/7 Road Helpline: 206-477-8100

KingCounty.gov/roads



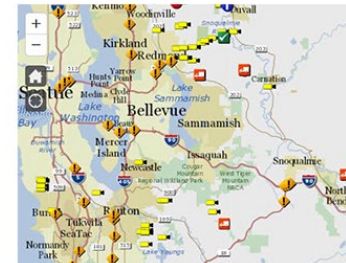
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Road Services Division

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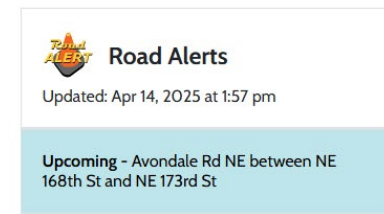
Visit: kingcounty.gov/roads

- Project websites, winter weather information
- **Road Alerts:** Email or SMS Text notifications [**KingCounty.gov/RoadAlert**](https://kingcounty.gov/RoadAlert)
- **MyCommute Map:** Road Closures and Lane Restrictions [**KingCounty.gov/MyCommute**](https://kingcounty.gov/MyCommute)
- **24/7 Road Helpline:** – **206-477-8100** or [**maint.roads@kingcounty.gov**](mailto:maint.roads@kingcounty.gov)
- **Social media:**
 - @KCRoads: X (Twitter)
 - @KingCountyLocalServices: Facebook & Instagram

My Commute Map



Find [closed](#) and [restricted roads](#) in unincorporated King County.



Follow us on social media for engaging and helpful posts

[Tweets by kcrowds](#)

Traffic cameras



[More traffic cameras](#)

CONTACT ROAD SERVICES

24/7 Road Helpline: 206-477-8100 or 1-800-527-6237

201 S. Jackson St., M/S KSC-LS-0313
Seattle, WA 98104

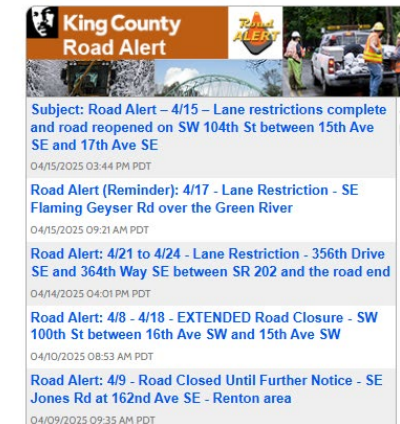
Email: maint.roads@kingcounty.gov

The Road Maintenance email inbox is monitored Monday-Friday, 6 a.m. - 4:30 p.m., not including holidays.

Social: [X \(Twitter\)](#) [Instagram](#) [Facebook](#)

Road Alerts

Sign-up for [email and text alerts](#) about significant weather-related road closures, road construction projects, and natural disasters in unincorporated King County.



24/7 Road Helpline: 206-477-8100

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King County
Department of Local Services
Road Services Division

Title VI Survey



<https://forms.office.com/g/n2Mi4DAbbS>



Questions & Answers

24/7 Road Helpline: 206-477-8100

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Road Services Division

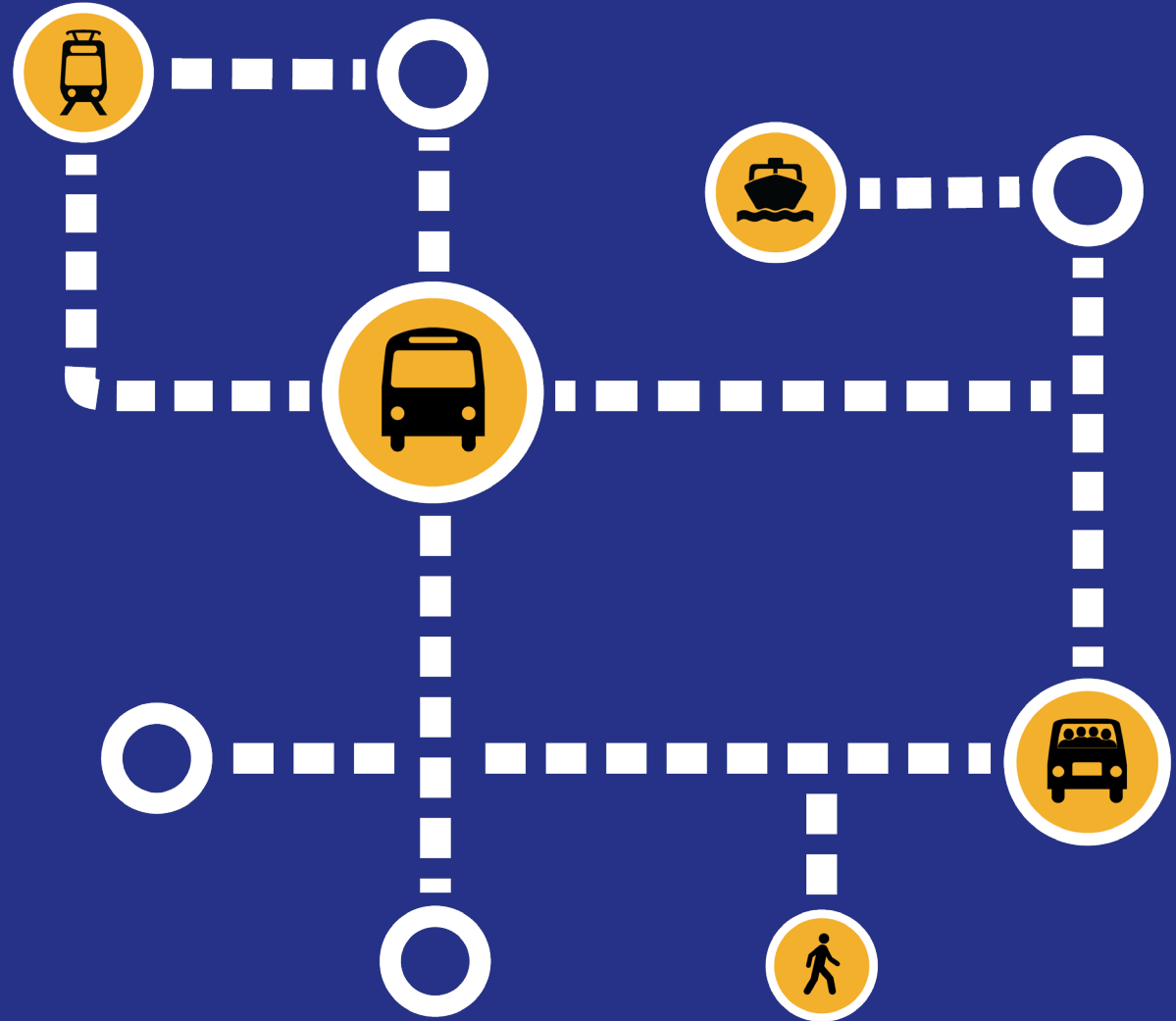
Metro

King County Metro Transit: Capital Programs and Upcoming Projects

Prepared by Dana Coppernoll-Houston

Presented by Jen Mayer

21 April 2025

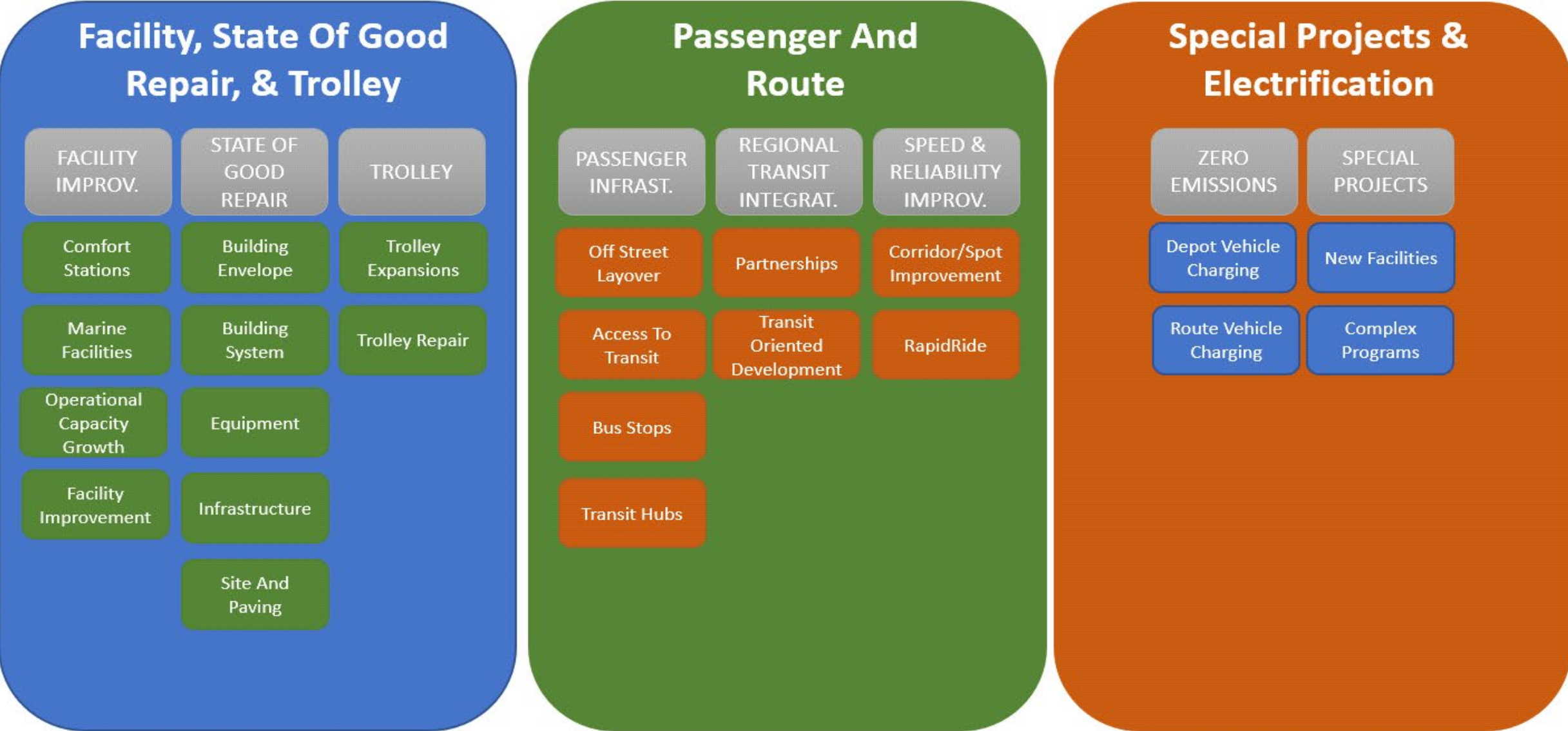


King County Metro

- 2,132 square miles service area
- Serves 2.1+ million population
- Provides 400,000 daily rides, removing 190,000 cars from the road
- 1,600+ buses fleet– including 185 zero-emission buses
- Planning for a 100% zero-emissions fleet
- Increase to 2,200 battery-electric buses and electric trolley buses – to achieve King County’s Strategic Climate Action Plan target



Capital Project Delivery - Project Management Unit



Facility Improvements

Metro's Facility Improvement Program Supports New Construction and Major Improvements to Metro's Facilities

- New Maintenance and Support Facilities
- Major Remodels
- New Equipment / Process
- New Transit Bases



Upcoming Project:

Central Base Parking Garage/Gate/Arm System Replacement

- Advertising Date: TBD
- Project Manager:
- Estimated Value: \$200,000

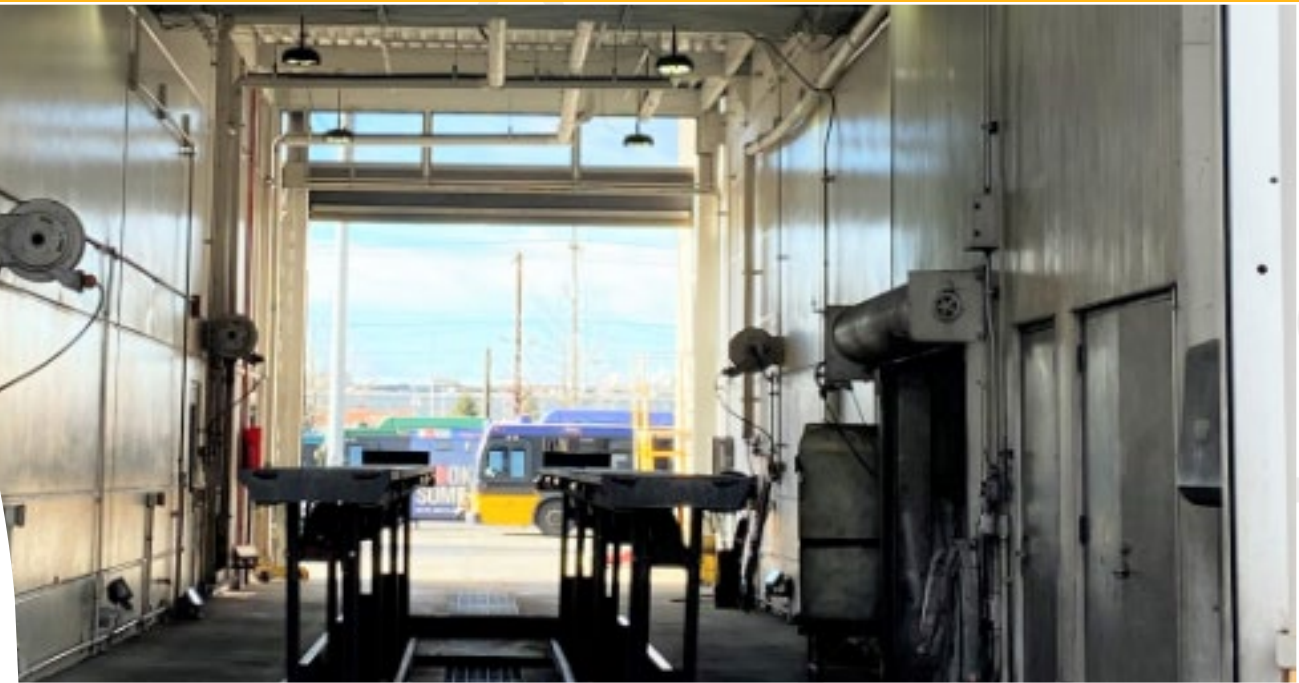
This is an **A/E Consultant project** to plan

- Replacement of six (6) entrance and exit wooden-arm gates and access control units
- Demolition of six (6) existing wooden-arm gates and access control units and three (3) ticketing units

State of Good Repair Programs

The state of good repair program supports replacement of items such as:

- HVAC Systems
- Major & Minor Equipment
- Paving
- Building Envelope
- Infrastructure & Major Utilities, includes Trolley System



Upcoming Projects:

State of Good Repair Program Bundles

Bundle 1 - 2024 to 2031

22 projects, \$500k-\$9M

- Underground Storage Tanks
- Equipment Replacement
- Park and Rides
- Bus Lifts
- Fire Suppression
- Comfort Stations
- Building Systems
- Underground Utilities

Bundle 2 – 2025 to 2030

7 projects, \$2M-\$14M

- Traction Power Substation Refurbishment

Trolley Programs

The trolley program supports Metro's all-electric trolley bus fleet, covering:

- Trolley Expansion
- Trolley Repair



Upcoming Project:

Rainier Vision Zero Trolley Project

- Anticipated Advertising Date: May 29th 2025
- Estimated Value: \$550,000

This is a **Construction project** that will make several trolley Overhead Catenary System (OCS) changes on Rainier Avenue South, including:

- Modify existing trolley wire from South Henderson Street to South Graham Street to align it with a Business Access and Transit (BAT) lane
- Modify existing trolley wire from South Alaska Street to South Rose Street to align it with the lane the bus currently travels in
- Re-install and modify trolley turnback infrastructure at the intersection of Rainier Avenue South and South Graham Street as well as South Rose Street

Passenger Infrastructure

Metro's Passenger Infrastructure programs focuses on passenger needs such as:

- Off street layover
- Access to Transit
- Bus Stops
- Transit Hubs



Speed and Reliability

In addition to RapidRide's designated corridors, Metro's Speed & Reliability programs focuses on other improvement needs including:

- Corridor Improvements
- Spot Improvements
- Trolley Expansion Modification Program

These works are generally achieved through:

- In-house Metro crews for trolley overhead work
- Local jurisdictions and/or their contractors
- King County on-call construction contracts



Advertised Project: ***RapidRide I Line Bus Rapid Transit Improvements***

- Anticipated Advertising Date: ***This project is currently being advertised!***
- Estimated Value: \$70,000,000

All questions should be directed to Kelly McKeever
(Kelly.McKeever@kingcounty.gov, 206-263-9389)

To access projects currently being advertised, please go to the [King County E-Procurement Portal](#).

Zero-Emissions Initiative

Metro is moving to a 100% zero-emissions fleet powered by renewable energy by 2035

- The 2023-2024 budget includes:
 - Purchasing battery-electric buses
 - Building zero-emissions infrastructure



King County serves all residents by promoting fairness and opportunity and eliminating inequities.

King County Strategic Plan: Fair and Just Shared Prosperity



Affordable, safe, quality housing
Access to parks and natural resources
Equity in county practices
Access to affordable, healthy, local food
Equitable law and justice system
Community and public safety
Access to safe and efficient transportation
Access to health and human services
Healthy built and natural environments
Quality education
Family wage jobs and job training
Early childhood development
Strong, vibrant neighborhoods
Economic development

DETERMINANTS OF EQUITY

The conditions in which people live, work and play are determinants of equity. Equal opportunity in these areas is necessary for all people to thrive and achieve their full potential regardless of race, income or language spoken.

www.kingcounty.gov/Equity

Available to all residents. Some programs may require ID. Call 206.467.1111 for more info.



King County Equity and Social Justice

Committed to maximizing outreach to and participation of Small Contractors and Suppliers (SCS) and Apprenticeship Utilization

King County Metro Transit Performance - Construction

- \$53 million payments to date – with 21.8% SCS firms.
- 17 Metro projects with 219,723 total labor hours. with 16.7% (or 236,764) apprentice hours.
- All active transit projects meeting / exceeding apprenticeship requirements.

Equity & Social Justice (ESJ) In Implementation

Metro Seeks Consultants & Contractors Who Will Help:

- Address ESJ determinants, pursue pro-equity practices and integrate community stakeholder collaboration into our projects
- Go beyond mitigating harm: identify opportunities to reduce inequities through our investments
- Help us implement our programs, including ESJ credits in our Green Building Ordinance (GBO) Sustainable Infrastructure scorecard, Equity Impact Reviews, etc.

More information about determinants of equity and equity impact reviews here: [Determinants of Equity data tool - King County, Washington](#)

Green Building Ordinance ESJ Credits

All KC capital projects need to respond to ESJ credits in the sustainable infrastructure scorecard

Consultants and contractors support implementation of these credits

[Scorecard Reference](#)

Thank You

Questions?



Solid Waste Division

The background image shows an outdoor industrial setting, likely a waste transfer station. A large concrete structure with a corrugated metal roof is visible on the left. In the center, a blue Doosan forklift is parked on a wet asphalt surface. A worker in a dark jacket and pants stands next to a large, teal-colored metal container or bin. The container has a black plastic bag hanging from its side and a small open compartment on the right. The ground is wet and reflective, suggesting recent rain. In the background, there are green trees and a cloudy sky.

King County Solid Waste Division

Capital Improvement Projects

Project Management Office

Bow Lake South Processing Area (SPA) Canopy

Construction Phase: Q3 2025

Bow Lake Recycling and Transfer Station:
18800 Orillia Rd S, Seattle WA 98188

Construction budget: \$2.95 million

In accordance with Washington Administrative Code 173-350-021, recycled material must be managed and stored to preserve its value, and exposure to moisture contaminates the materials, rendering them non-recyclable refuse that consumes valuable landfill space. Covering the processing area preserves materials and provides stormwater mitigation, as rainwater flowing through recyclables also may become contaminated.

Includes the design and implementation of several improvements including but not limited to canopy cover.

Construction trades required: Electrician, Plumber, Mason, Ironworkers, Painters, Concrete finisher, and Sheet metal workers



4 Interior Header Project

Construction Phase: Q1 2026

Cedar Hills Regional Landfill:
16650 228th Ave SE, Maple Valley WA 98038

Construction budget: \$8,204,797

This project will replace a header that experiences frequent failures, leading to atmospheric intrusion and requiring a high level of maintenance.

The new design will also reduce friction losses in the pipe, providing increased vacuum to the southern portion of the landfill.

Construction trades required: Heavy Civil, Mechanical



Cedar Hills Regional Landfill Leachate Discharge Line Improvements

Design Phase: Q4 2025

The discharge line begins at the Cedar Hills Regional Landfill and routed approximately seven miles to the intersection of 154th and State Route (SR) 169, where it discharges to a manhole managed by King County's Wastewater Treatment Division.

Design budget: \$2.2 million

Locate, map, and assess the condition of piping, joints, and associated mechanical equipment.

Detect high risk areas for urgent repairs, ascertain locations for installation of new access points, and identify opportunities for relocating the existing leachate discharge line out of the travel lanes of SR 169.

Construction trades required: Truck drivers, Heavy equipment operators, Pipe fitters.



Vashon Organics Collection Area Improvement

Design Phase: Q3 2025

Vashon Recycling and Transfer Station:
18900 Westside Hwy SW, Vashon, WA 98070

Engineering/design budget: \$283,363

Construction budget: \$1,595,471

Develop an engineered solution to improve organics collection capacity and operational efficiency.

Two alternatives identified:

- (1) reconfigure the existing organics collection area, and
- (2) create a new collection area to the north of the station.

The proposed configuration will also provide space for organic material to be collected in 53-foot trailers rather than 40-yard roll-off containers.

Construction trades required: Civil, Electrical, Structural



Cedar Hills North Flare Station Replacement

Design Phase: Q3 2025

Cedar Hills Regional Landfill:
16650 228th Ave SE, Maple Valley WA 98038

Design budget: \$2.5 million

The open flare has been used to absorb the excess landfill gas (LFG) available during the shift from flaring LFG to sending LFG to an onsite processing plant.

This project will update three of the five flares and provide the ability to turn down the flare during the LFG transition so the open flare will no longer be required.

This project will replace three of the enclosed ground flares with new flares with a higher turn down ratio.

Construction trades required: Civil, Mechanical, Electrical



**The
King County
Solid Waste
Division
appreciates your
interest in these
upcoming projects.**

Thank you.



King County Solid Waste Division

Contact Information

Jesse Gonzalez

Project Control Officer / Contracts Manager

E: jesse.gonzalez@kingcounty.gov

T: 206-263-9335

Parks

King County Parks Capital Program



King County

PARKS

Your Big Backyard

KC Parks

- More than 205 parks
- 185 miles of regional trails
- 215 miles of backcountry trails
- 32,000 acres of open space



King County

PARKS

Your Big Backyard

KC Parks

- Funded by 6-year voter approved levy
- Current period 2019-2025
- August vote for 2026-2031 period



PARKS LEVY GOALS



EXISTING PARK & TRAILS

Take care of King County's existing system of parks and trail, ensuring the system remains clean, safe, and open.



INCREASE ACCESS

Make parks and recreation opportunities more accessible for all King County residents to enjoy.



REGIONAL TRAILS

Improve regional trails and mobility, ensuring that essential connections are completed and existing trails are maintained.



OPEN SPACE

Grow and connect regional space and natural lands, protect habitat important for fish and wildlife and providing recreation opportunities.



Example Project

East Lake Sammamish Trail Construction



King County

PARKS

Your Big Backyard

Example Project

Boardwalk construction

Lake to Sound Trail - SeaTac



King County

PARKS

Your Big Backyard



Example Project Eastrail Wilburton Trestle

Example Project Central Maintenance Facility

BUILDING E -
COVERED EQUIPMENT

BUILDING D -
COVERED EQUIPMENT

BUILDING C - STORAGE

BUILDING B - SHOPS

FLEET VEHICLES, EQUIPMENT AND MATERIAL YARD

STAFF
AND
VISITOR
PARKING

BUILDING A - CREW AND ADMINISTRATIVE OPERATIONS

NORTH

JEFFERSON AVE. NE



King County

PARKS

Your Big Backyard



Example Project

Ravensdale Synthetic Turf Field



King County

PARKS

Your Big Backyard

Major Maintenance Categories



Recreation Buildings
& Systems



Operations &
Maintenance Shops



Parking Lots &
Pathways



Utilities



Culverts & Drainage



ADA Improvements



Aquatic Facilities &
Docks



General Park
Amenities



Natural Resources



Ballfields & Sports
Courts



Backcountry Trails



Synthetic Turf Fields



Play Areas



King County

PARKS

Your Big Backyard

Future Program Highlight



Bridge and Trestle Rehab
~\$18M in improvements over the next 6 years



Future Program Highlight



**Regional Trails Major Maintenance
~\$32M in improvements over next 6 years**

Future Program Highlight

Fish Passage and Drainage Infrastructure

Total proposed new funding ~\$40M

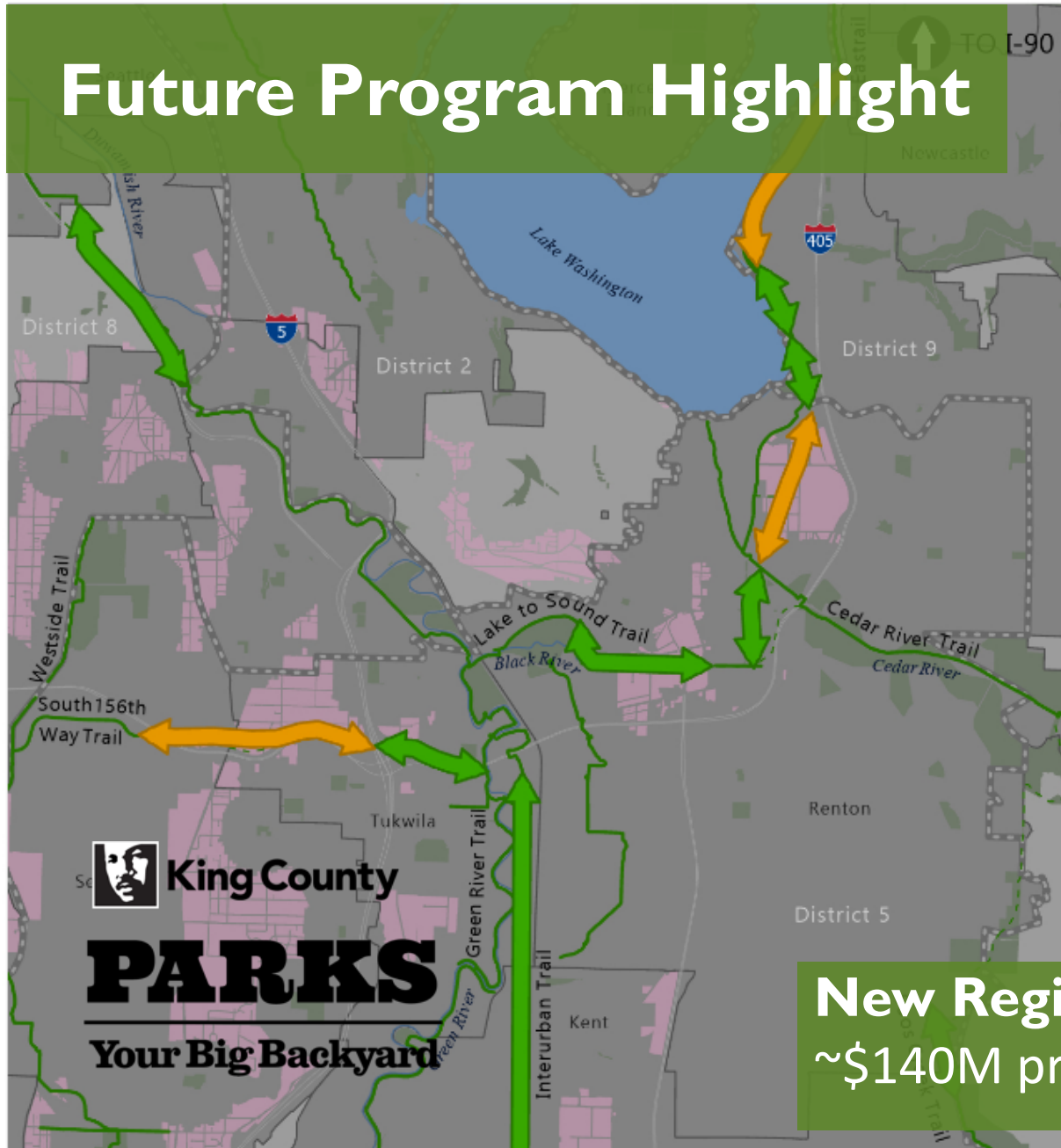


King County

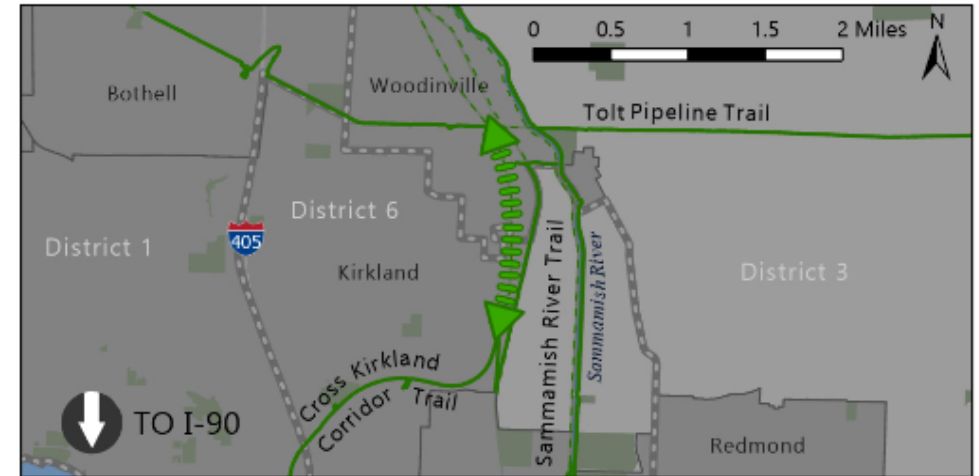
PARKS

Your Big Backyard

Future Program Highlight



Regional Trails and Improvements



Legend

2032 Project Status

- Shovel Ready
- Completed
- Completed - Interim Trail
- 2025 Existing Regional Trail
- King County RTNR
- King County Council District Boundary

- Opportunity Area
- City
- Unincorporated King County

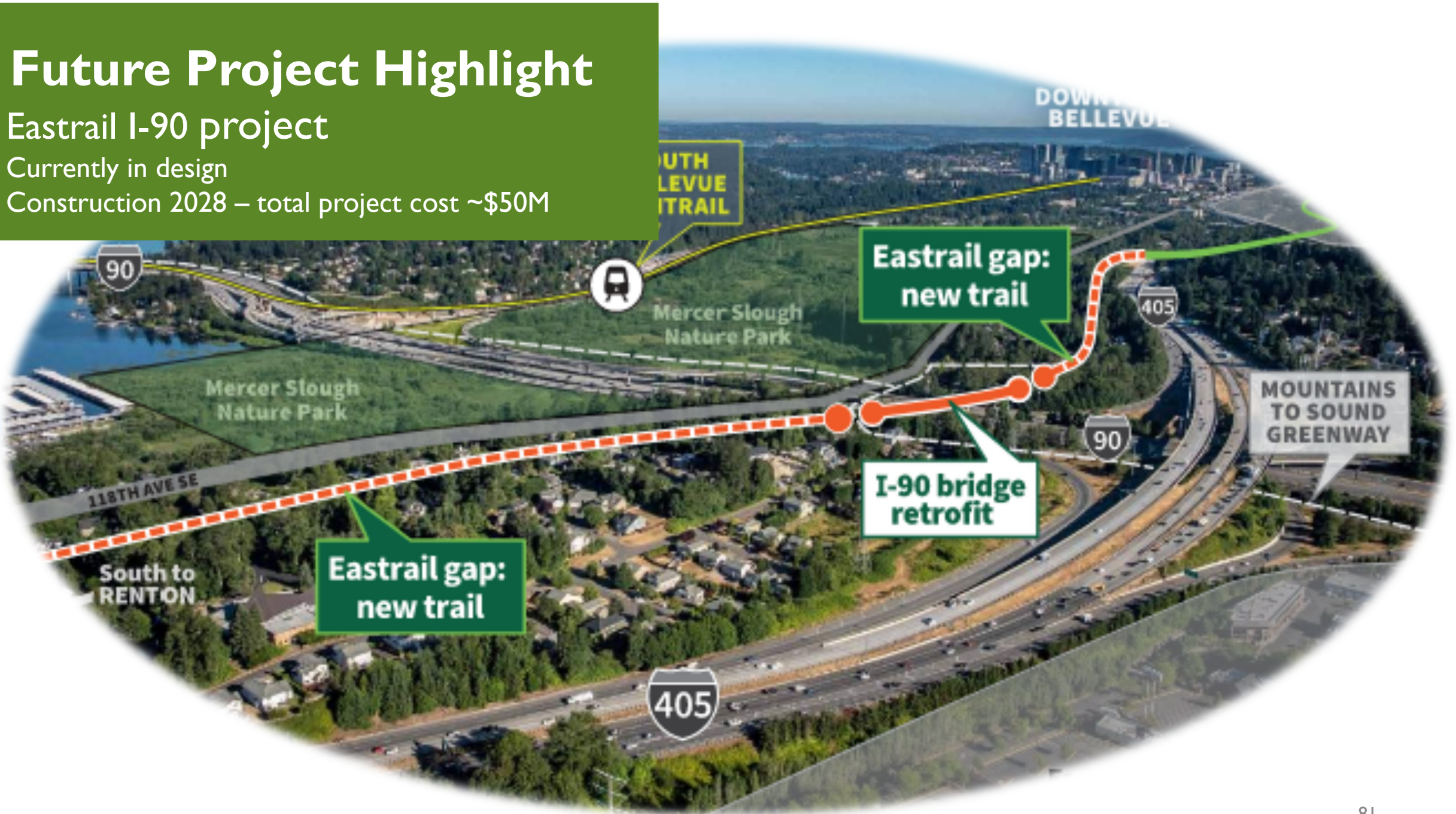
New Regional Trails – Design and Construction
~\$140M proposed over next 6 years

Future Project Highlight

Eastrail I-90 project

Currently in design

Construction 2028 – total project cost ~\$50M



Future Project Highlight

Skyway Park Community Center

Currently in design

Construction starting 2027-28 (estimated)

Total project cost ~\$40M



Future Project Highlight

Weyerhaeuser King County Aquatic Center

~\$22M in critical mechanical system rehabilitation



King County
PARKS
Your Big Backyard

Upcoming Capital Projects

Hide fields Filtered by Agency Group Sorted by 1 field											
<input type="checkbox"/>	Project	Value	Est. Ad Date	Type	Agency	Contact Name	Contact Email Address	Phone	Updated		
1	Green River Trail Extension	\$9,000,000.00	4/1/2026	Construction	Parks	Jason Rich	jason.rich@kingcounty.gov	(206) 427-8576	8/26/2024		
2	Green to Cedar Interim Trail	\$7,000,000.00	5/24/2025	Construction	Parks	Jason Rich	jason.rich@kingcounty.gov	(206) 427-8576	3/10/2025		
3	Soos Creek Trail 5a	\$5,500,000.00	1/15/2026	Construction	Parks	Jason Rich	jason.rich@kingcounty.gov	(206) 427-8576	8/26/2024		
4	Playground Construction Work Order	\$5,000,000.00	11/14/2025	Construction	Parks	Brenda Bradford	brenda.bradford@kingcounty.gov	(206) 477-1030	3/10/2025		
5	Construction Management Services Project Specific Work Order	\$5,000,000.00	1/3/2026	A/E Consultant	Parks	Jason Rich	jason.rich@kingcounty.gov	(206) 427-8576	1/16/2025		
6	Marymoor Stormwater Facility	\$2,400,000.00	4/26/2025	Construction	Parks	Jason Rich	jason.rich@kingcounty.gov	(206) 427-8576	3/6/2025		
7	Asphalt Paving and Concrete Work Order	\$2,000,000.00	12/4/2025	Construction	Parks	Claire Jonson	claire.jonson@kingcounty.gov	(206) 477-4720	3/10/2025		
8	Solar Lighting and Power for Parks	\$1,750,000.00	5/18/2025	Construction	Parks	Brenda Bradford	brenda.bradford@kingcounty.gov	(206) 477-1030	3/6/2025		
9	Eastrail Central Wilburton	\$1,500,000.00	11/3/2025	Construction	Parks	Jason rich	jason.rich@kingcounty.gov	(206) 427-8576	3/10/2025		
10	2277-2 Bridge Replacement	\$1,500,000.00	6/1/2025	Construction	Parks	Jason Rich	jason.rich@kingcounty.gov	(206) 427-8576	5/6/2024		
11	Lakeland North Park	\$1,500,000.00	10/4/2025	A/E Consultant	Parks	Jason Rich	jason.rich@kingcounty.gov	(206) 427-8576	3/10/2025		
12	Interurban Trail Auburn to Kent	\$1,300,000.00	6/7/2025	Construction	Parks	Tri Ong	tri.ong@kingcounty.gov	(206) 477-3591	3/6/2025		
13	Big Finn Field 4 Fence and Dugout Replacement	\$900,000.00	4/23/2025	Construction	Parks	Shazaad Jarrahian	shazaad.jarrahian@kingcounty.gov	(206) 477-8492	3/6/2025		
14	Five Mile Park Parking Lot Lighting	\$800,000.00	4/23/2025	Construction	Parks	Jon Polka	jon.polka@kingcounty.gov	(206) 477-7591	3/10/2025		
15	Little Lake Forest Parking Area	\$750,000.00	4/25/2025	Construction	Parks	Mary Lear	mary.lear@kingcounty.gov	(206) 477-4749	2/18/2025		
16	Lake Geneva Park Improvements	\$750,000.00	5/18/2025	Construction	Parks	Brenda Bradford	brenda.bradford@kingcounty.gov	(206) 477-1030	1/16/2025		
17	Petrovitsky Park Splash Pad	\$730,000.00	2/5/2026	Construction	Parks	Leigh Nelson	lnelson@kingcounty.gov	(206) 263-0866	1/16/2025		
18	Marymoor Gateway Trail - Utilities	\$650,000.00	6/17/2025	Construction	Parks	Shazaad Jarrahian	shazaad.jarrahian@kingcounty.gov	(206) 477-8492	3/10/2025		
19	Soos Creek Trail Asset Improvements	\$600,000.00	5/1/2025	Construction	Parks	Tri Ong	tri.ong@kingcounty.gov	(206) 477-3591	3/6/2025		
20	118th Eastrail Connector	\$550,000.00	11/15/2025	Construction	Parks	Jason Rich	jason.rich@kingcounty.gov	(206) 427-8576	11/22/2024		
21	Tolt MacDonald Bridge Tripods Repairs	\$500,000.00	5/18/2025	Construction	Parks	Yukying (Phoebe) Cheung	ycheung@kingcounty.gov	(206) 477-2163	3/10/2025		
29 records		Sum \$49,680,000.00									

Upcoming Capital Projects - King County, Washington

An aerial photograph of a lush green forested valley. A river flows through the lower right portion of the image. In the background, a range of mountains is visible under a clear blue sky. The text "Thank you! Questions?" is overlaid in the center of the image.

Thank you!

Questions?



King County

PARKS

Your Big Backyard

Thank you

Join us again at **12:30pm** to hear from:

Water Land and Resources Division (WLRD)

Wastewater Treatment Division (WTD)

Water Land and Resources Division

Water and Land Resources Division

King County Contractor Outreach and Networking Event

April 21, 2025

Chase Barton, Managing Engineer, River & Floodplain Capital Unit
WLRD Capital Delivery Section

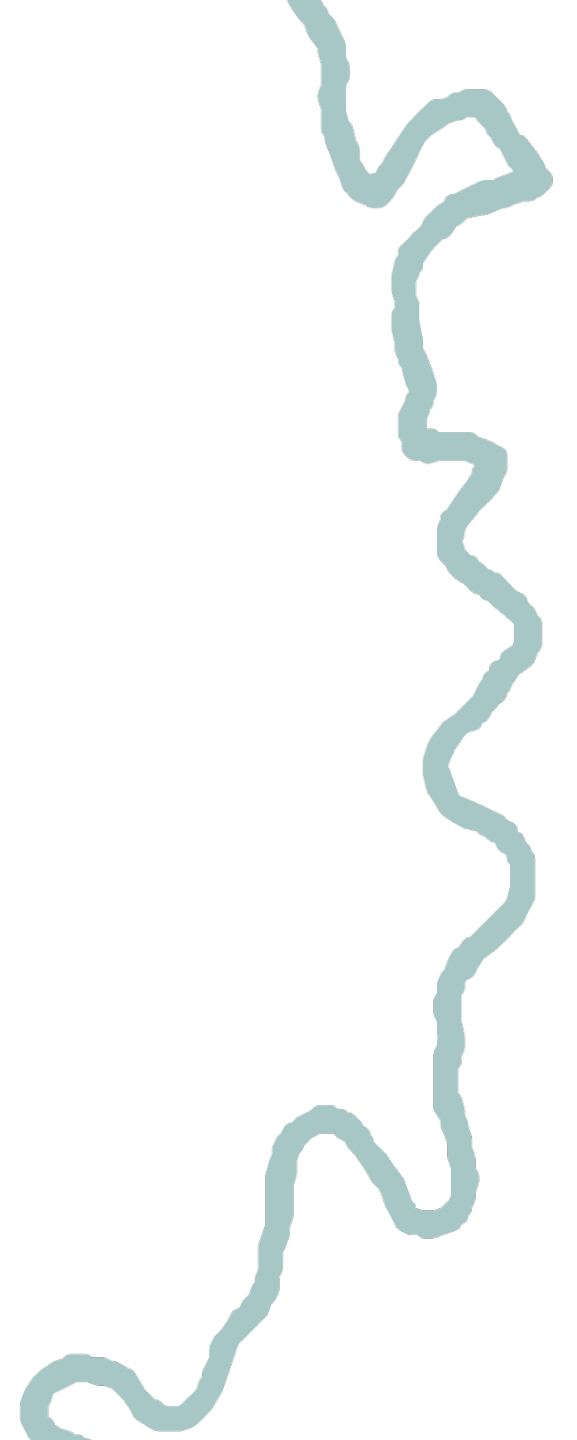


King County

Upcoming Capital Projects

- Belmondo Levee Repair Project
- Stossel Right Bank Revetment Improvement Project
- Dutchman Road Revetment Repair Project
- Fort Dent Levee Repair Project
- Tabor-Crowall-Brodell Revetments 2020 Repair Project
- Rutledge Johnson Floodplain Reconnection Project
- Auburn Narrows Floodplain Restoration Project

King County Engagement Hub



Chase Barton, PE, LG

Managing Engineer

River and Floodplain Capital Unit

WLRD Capital Delivery Section

Chase.Barton@kingcounty.gov

206-477-4854

Thank you

Wastewater Treatment Division

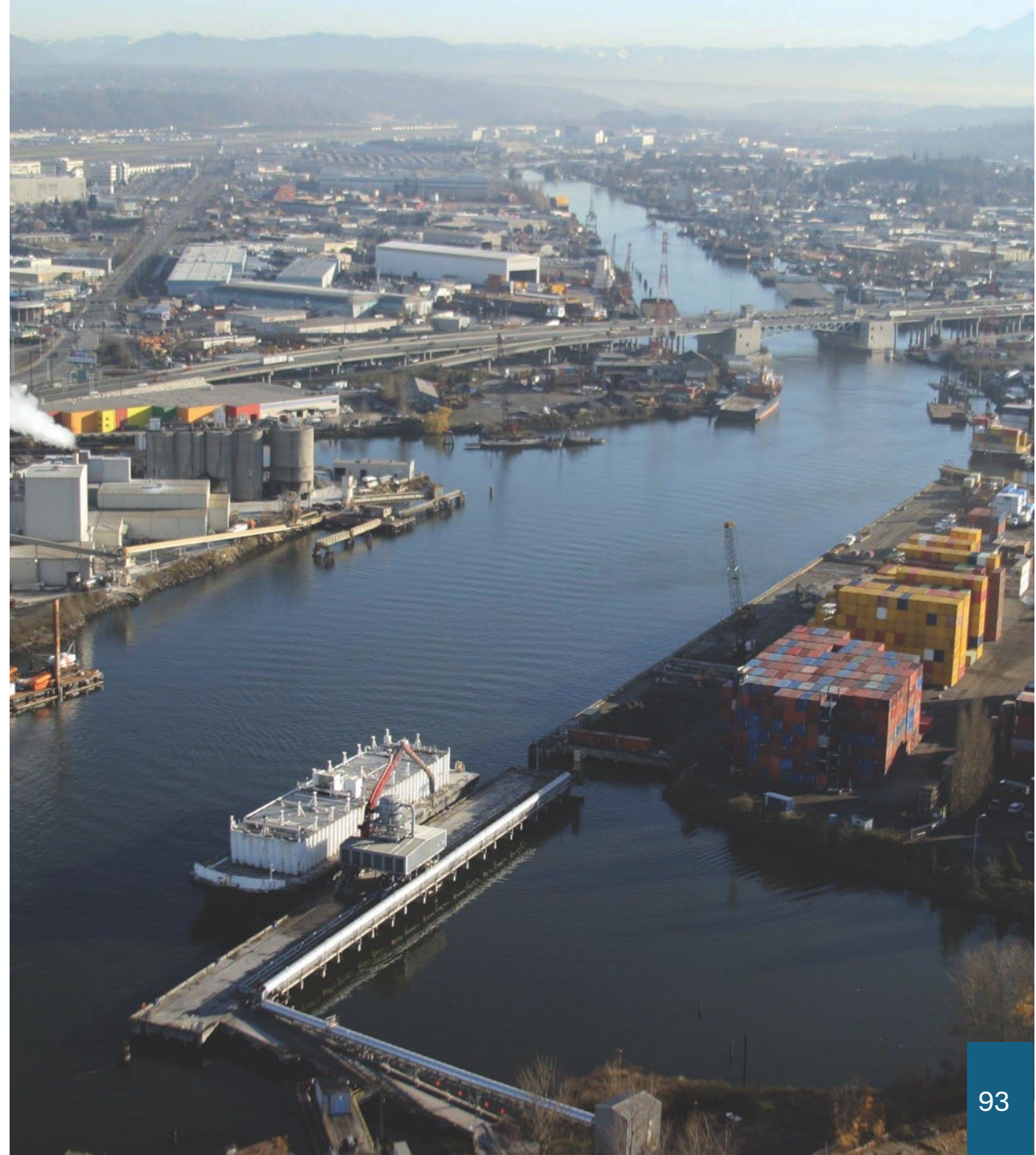


King County | Wastewater Treatment

Upcoming Contracting Opportunities

Agenda

- Staying Connected with WTD
- Offsite Facilities Program
- South Treatment Plant Facility Program
- Brightwater Facility Program
- West Point Facilities Program
- CSO Program
- Supplemental Compliance & Corrective Action Program



Staying Connected with WTD

Upcoming events

Collaborative Delivery Projects

Upcoming Events



- Next Virtual Open House: 3rd Quarter 2025
- 1:1 Project Team Meetings
 - Next available dates: May 6 – 14, 2025
 - Sign-up available now – visit WTD Upcoming Contract Opportunities page



Collaborative Delivery Projects

Project	CPARB-PRC	Anticipated Advertisement
GC/CM Services for South Plant Influent Pump Station	Approved 1/23/2025	CURRENTLY ADVERTISED
PDB Services for South Interceptor Rehabilitation	Approved 9/26/2024	4/22/2025
GC/CM Services for Black Diamond Trunk Capacity Upgrade	Approved 12/4/2024	7/17/2025
Mouth of Duwamish CSO Program – Package 1	Anticipated for 5/22/2025	
GC/CM Services for Sammamish Plateau Diversion	Anticipated for 7/24/2025	8/26/2025

Offsite Facilities Program

Multi-Disciplinary Construction Contract

Lake Hills and NW Lake Sammamish Sewer Upgrade

Sammamish Plateau Diversion

Division Wide Offsite Level Controls & Communication Upgrade Program

Division Wide Force Main Inspection Access Program

Lakeland Hills Pump Station Replacement

Multi-Disciplinary Construction Contract (\$8 Million likely to be advertised Q3 2025)

Offsite Facilities Program

Lake Hills and NW Lake Sammamish Sewer Upgrade (Design Bid Build)

Offsite Facilities Program

Project objective and route

- Upgrading 4.5 miles of sewer pipes in Redmond to provide service for another 50+ years
- King County has developed a pipeline route based on field investigations and input from jurisdictions, partner agencies and the community



Project Schedule and Cost

Estimated Approx. Construction Contract Cost: \$121M (though this estimate is several years old)

Milestone	Estimated Schedule
Anticipated Advertisement	Q4 2026
NTP	Q1 2027
Substantial Completion	Q4 2029

Thank you

Liz Matson, Project Manager

206-477-0084

Elizabeth.Matson@kingcounty.gov



King County | Wastewater Treatment

Sammamish Plateau Diversion (GC/CM)

Offsite Facilities Program

Project Background and Need



Project will address regional conveyance system capacity needs by diverting flows out of the South Lake Sammamish Planning Area to the north; this will alleviate capacity needs at several King County conveyance facilities.

Project Scope, Cost, and Schedule

- Design and build a conveyance line capable of diverting approximately 7-10 mgd of flow.
- Anticipated to include approximately 20,000 LF of new pipe.
- In predesign phase and several preliminary alternatives have been identified based on pipeline corridor and hydraulic configuration (i.e., gravity, force main, pump station improvements)

Estimated Approx. Construction
Contract Cost: \$58 Million

Milestone	Estimated Schedule
Anticipated PRC Approval	Q3 2025
Advertisement	Q4 2025
NTP	Q3 2026

Thank you

Meredith Redmon, Project Manager

206-477-5488

Meredith.Redmon@kingcounty.gov



King County | Wastewater Treatment

Division Wide Offsite Level Controls & Communication Upgrade Program

Offsite Facilities Program

Program Background and Need

- WTD currently utilizes Siemens (Moore) Model 353 single-loop Level Indicating Controllers (LIC) for wet well level control. The manufacturer Siemens issued a product retirement notification in 2017, signifying the end of production for these controllers.
- Due to Siemens parts support for the Moore controllers being limited to current stock on hand, WTD operations is struggling to locate replacement parts for the Moore controllers and has had to resort to surplus and auction sites to procure replacement circuit boards. Because of this obsolescence, firmware versions compatibility of the programmable logic controllers (PLC) have lagged, increasing WTD's risk exposure to functional errors within the software. A failure of either the PLC or Moore LIC could result in a sanitary sewer overflow event at an offsite facility.



Program Scope

- The scope of this program is to bring all offsite facility wet well level controls and communications equipment into conformance with WTD Design Standards to improve safety, reliability, and operability. This program will replace obsolete level controls and communications equipment at Pump Stations (PS,) Regulator Stations (RS,) and Combined Sewer Overflow (CSO) facilities located throughout the service area.
- The scope of this program will encompass 68 offsite facilities. The program scope includes program specific tasks only. Project specific tasks and deliverables will align with the WTD Project Management Manual and Project Management Plan (PgMP).





Program Area

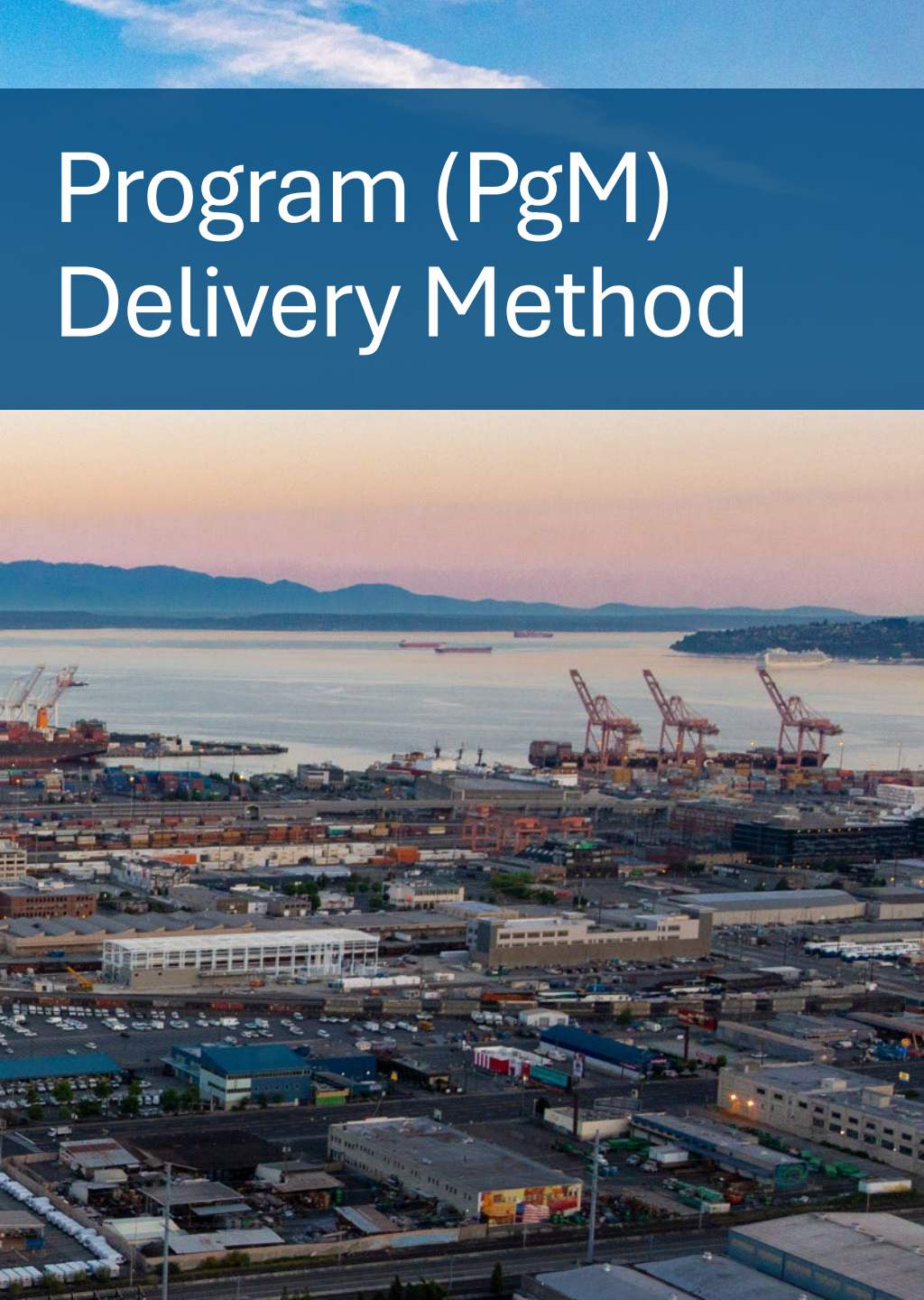
All offsite facilities, 68 offsite facilities, including 41 Pump Station (PS), 23 Regulator Station (RS), and 4 Combined Sewer Overflow (CSO) are selected to be included in the program.

Program Schedule and Cost

Estimated Approx. Construction
Contract Cost: \$145M

Milestone	Estimated Schedule
Program Chartered	08/31/2023
Advertisement	See Bundle 1 Schedule
NTP	See Bundle 1 Schedule

“Our Mission, We protect public health and the environment by collecting and cleaning wastewater while recovering valuable resources for a thriving Puget Sound region.”

An aerial photograph of a port and city at sunset. The sky is a mix of blue, orange, and pink. In the background, there are mountains. The middle ground shows a large body of water with several ships and cranes. The foreground shows a city with various buildings, parking lots, and industrial areas.

Program (PgM) Delivery Method

PgM Delivery Method

- WTD has gone through the project information gathering assessing the goodness of fit and delivery type selection. WTD Alternative Delivery Committee (ADC) and the program team deemed that the program is not suitable for collaborative delivery methods such as GC/CM, PDB, or others. The program will be delivered using the traditional Design Bid Build (DBB) method.
- The Program will be delivered in approximately Ten (10) bundles each bundle will be representing approx. 4-8 facilities.
- Bundle 1 - Division Wide Offsite Level Controls and Communications Program, Phase 1 Predesign scope is being finalized for submittal to the offsite facilities Program Manager and Engineering to start the engineering and design utilizing preexisting program engineering contract.



A swimmer wearing a blue cap and goggles is captured mid-stroke in the ocean. The swimmer's head is above water, and their arms are extended forward, creating a splash. The water is a deep blue-grey color with visible ripples and waves.

Year #	1	2	3	4	5	6	7	8	9	10	11	
Year	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	
	Bundle 1 (6 facilities)											
			Bundles 2-4 (21 facilities)									
					Bundles 5-7 (22 facilities)							
						Bundles 8-10 (19 facilities)						
Projects/Sites	6	21		22		19						
Total:	68											
	10 Years											

10 Years

Program Bundle 1 Facilities

The sub projects will be following WTD PM practices, phase gates, and processes designed for effective project planning and delivery of WTD's capital portfolio of programs, projects, and contracts. 1st Bundle list of facilities (6 Sites) are:

1. Matthews Park, WEST POINT OFFSITE
2. Richmond Beach, WEST POINT OFFSITE
3. South Mercer Island, SOUTH PLANT OFFSITE
4. Interurban, SOUTH PLANT OFFSITE
5. South Henderson, SOUTH PLANT OFFSITE
6. Woodinville, SOUTH PLANT OFFSITE

Sites selections are subject to change, the Consultant will work with Program Management Owner Advisory (PMOA) and O&M to further develop the first and future Bundles considering construction sequencing, limitations and opportunities.



Bundle 1 Schedule and Cost

Estimated Approx.
Construction Contract
Cost: \$16M

Milestone	Estimated Schedule
Bundle 1 Chartered	04/16/2024
Advertisement	Q2 2028
NTP	Q3 2028



“All labor that uplifts humanity has dignity and importance and should be undertaken with painstaking excellence. Life's most persistent and urgent question is, 'What are you doing for others?’”– Dr. Martin Luther King, Jr.

Division Wide Force Main Inspection Access Program

Offsite Facilities Program

Program Background and Need

- Wastewater Treatment Division (WTD) has 53 Force Mains (FM) that continually operate under full pipe conditions. These force mains vary in age, diameter, length, and material.
- While reviewing the initial force main inventory, WTD identified that 27 of the original 53 force mains were found to not need inspection access.
- This program intends to investigate the feasibility of implementing permanent access points on 26 WTD force main lacking permanent inspection access points.
- Project currently working towards Program Charter development & approval.



Program Scope

- The scope of this program is to bring all the 26 of 53 force mains into conformance with WTD Design Standards to improve safety, reliability, and operability by installing permanent inspection access.
- Total of 150 anticipated access points are needed
- Total of 150,423 (feet) length of Force Mains
- Force Mains were installed between 1972 – 2006 (19-73 years old system).



Project Area – List of Force Mains

#	Force Main Location	Length (combined if dual) (ft)	Diameter (in)	Dual/Single	Installation Year (Earliest if multiple years listed)	Prioritization Category	Driver	Anticipated Access Holes
1	JUANITA FORCE MAINS*	9,724	18/24	Dual	1954	1	Age, Diameter	8
2	SWEYOLOCKEN FORCE MAINS	4,262	20	Dual	1964	1	Age	2
3	NORTH BEACH FORCE MAIN*	7,599	14	Single	1963	1	Age	5
4	BELLEVUE FORCE MAINS	8,140	20	Dual	1965	1	Age, Diameter	7
5	KIRKLAND FORCE MAIN	3,239	14	Dual	1965	1	Age	3
6	YARROW BAY FORCE MAIN	1,292	14	Single	1967	1	Age	2
7	VASA PARK FORCE MAINS	5,012	24	Dual	1982	2	Age	5
8	YORK FORCE MAIN 48"	8,757	48	Dual	1991	2	Diameter	9
9	YORK FORCE MAIN 30"	8,736	30	Dual	1991	2	Diameter	9
10	WEST SEATTLE FORCE MAIN*	10,549	30	Single	1997	2	Diameter	14
11	INTERURBAN FORCE MAINS	11,641	24	Dual	1992	2	Diameter, Age	10
12	MEDINA FORCE MAIN*	10,383	18	Single	1988	2	Age	9
13	YORK WET WELL DRAIN FORCE	2,558	6	Dual	1989	2	Age, Diameter	2
14	CARKEEK FORCE MAIN	7,207	24	Single	1994	2	Diameter, Length	7
15	LAKE BALLINGER-MCALEER FORCE	2,646	20	Single	1991	3	Age	3
16	RICHMOND BEACH-EDMONDS FORCE	5,595	20	Single	1991	3	Age	5
17	BLACK DIAMOND FORCE MAIN	3,325	10	Single	1992	3	Age, Diameter	4
18	VASHON FORCE MAIN	15,718	2	Single	1999	3	Age, Material	15
19	ALGONA-PACIFIC FORCE MAIN	3,663	12	Single	1968	3	Diameter	4
20	HENDERSON STREET FORCE MAINS	2,048	20	Dual	2006	3	Installation	2
21	BARTON FORCE MAIN	6,247	30	Dual	1957	4	PI	6
22	MURRAY FORCE MAINS	1,333	27	Dual	1957	4	PI	2
23	53RD AVENUE FORCE MAIN	4,353	24	Single	1952	4	PI	4
24	HIDDEN LAKE FORCE MAIN	2,517	14	Single	1962	4	PI	3
25	LAKELAND HILLS FORCE MAINS	5,309	12/20	Dual	1980	4	PI	8
26	63RD AVENUE FORCE MAINS	1,516	24	Single	1989	4	PI	2
* Representative Force Main								

Program Schedule and Cost

Estimated Approx. Construction Contract Cost: \$40M

Milestone	Estimated Schedule
Anticipated Advertisement	Q1 2028
NTP	Q3 2028
Substantial Completion	Q4 2031

Thank you

Moe Alavi, Capital Project Manager

Email: malavi@kingcounty.gov



King County | Wastewater Treatment

Lakeland Hills Pump Station Replacement

Offsite Facilities Program



Project Background

The existing pump station:

- Located within the Roegner Park in Auburn
- Serves between White River and Lake Tapps in King County and some portions of Pierce County.
- Built in 1981 by the City of Auburn and WTD assumed ownership and operational responsibility in 1997.
- Aging technology and will not handle the growing demand of sewer services



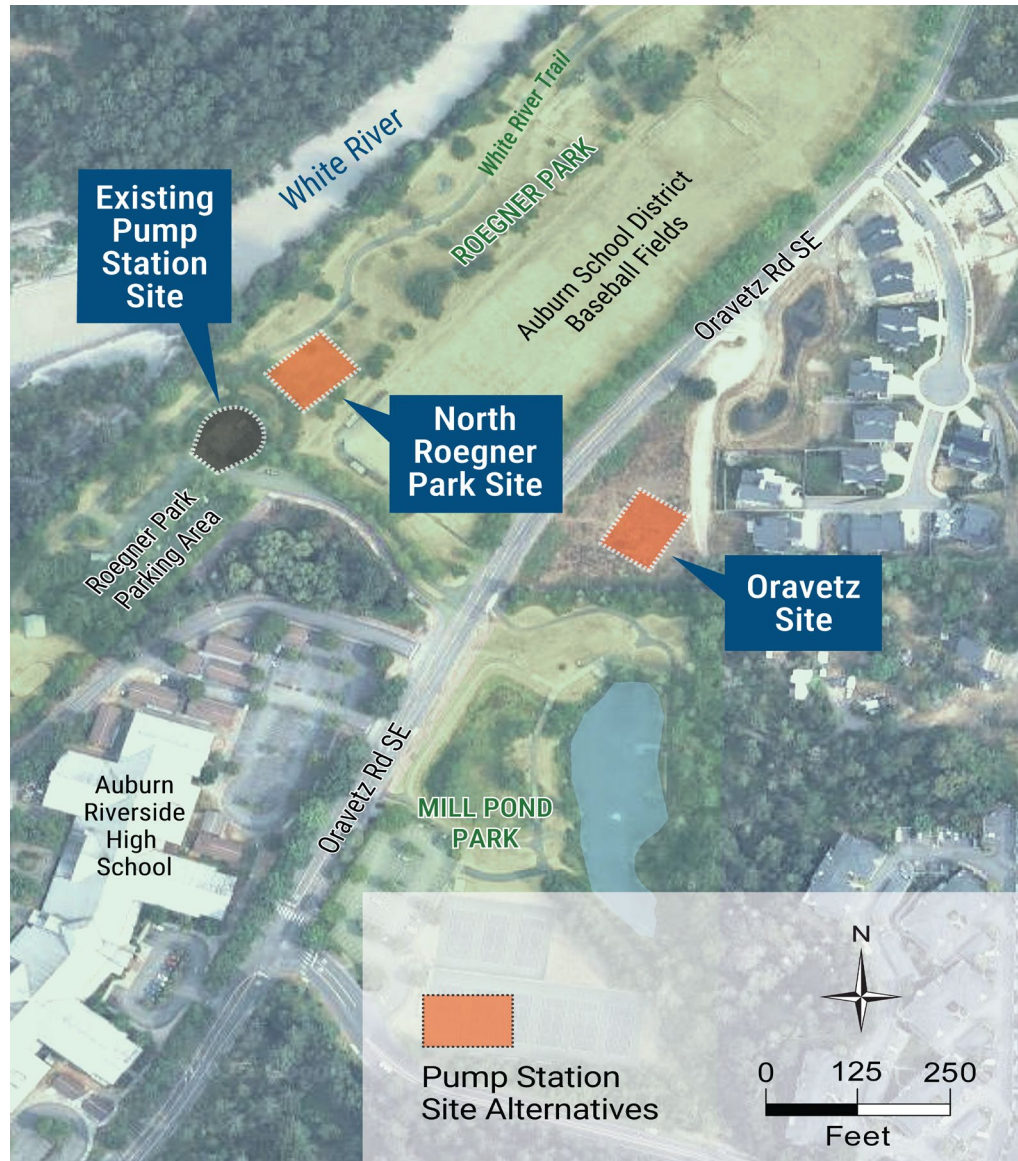
Project Overview

Project objective

Replacement of the pump station that fully complies with the current WTD standards that allows for future increase in population in the service area.

Key project components

- Raw Sewage pump replacement
- New odor control, standby generator, new water service
- Mechanical, electrical, communication and instrumentation and controls system
- Discharge piping modifications
- Fencing, ascetics & landscaping features



Project Delivery Method and Current Status

Project Delivery method

- Design - Bid – Build (most likely)

Current status

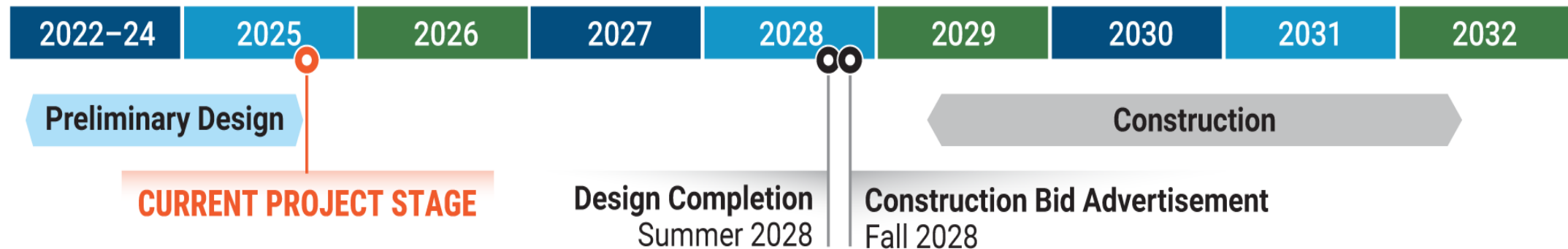
- Finalizing the alternative analysis
- Determining the new pump station site location

Estimated Construction Cost

- USD 56.5 million (early estimate)
- Cost adjustment is anticipated based on design progress and the prevailing market

Anticipated Construction Timeline

Lakeland Hills Pump Station Replacement Project



Thank you!

Sign up for project updates: <http://kingcounty.gov/Lakeland-hills>

Questions? Ask the project team!

Timothy Lowry, project manager

Email: tlowry@kingcounty.gov or Lakelandhills@Kingcounty.gov



King County | Wastewater Treatment

South Treatment Plant Facility Program

Electrical Improvements Program

Return Activated Sludge (RAS) PODs 1-6

Santler Building Redevelopment

Introduction



- Bry Polk – King County Program Manager
- Sumon Kanpirom – King County Program Engineer
- Petra Liskova – Consultant Program Manager
- Anna James – Consultant Deputy Program Manager
- Kevin Stively – Consultant Program Design Engineer



Who Are We?

- 12 year program
- ~\$800M in capital improvement projects
- Team composed of County, Program Manager/Owner's Advisor, and Program Design Engineer

Upcoming Projects (5 year timeframe)

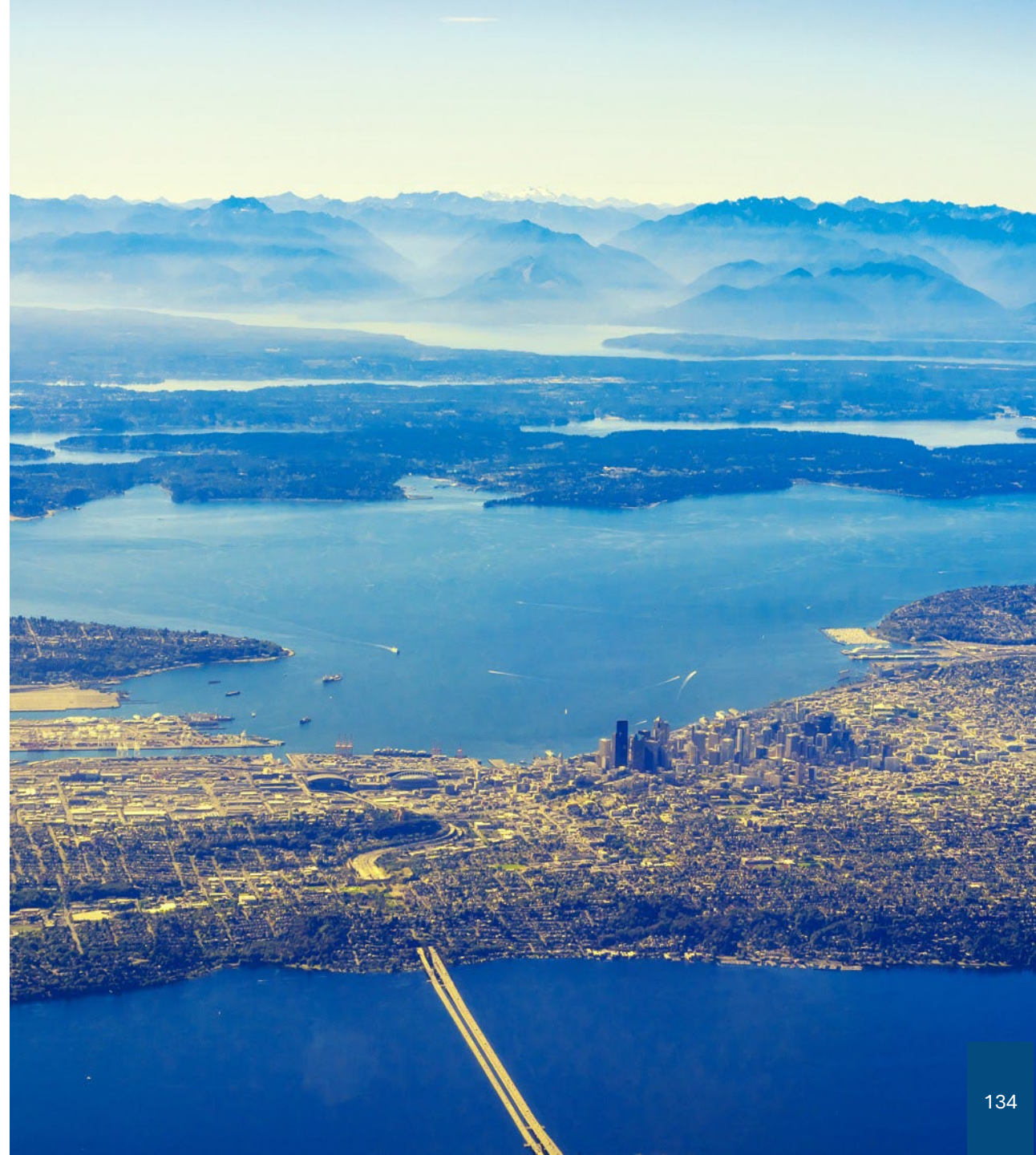
- Electrical Improvements
- RAS Pods 1-6 Piping and Component Replacement
- Santler Building Redevelopment
- Barscreen Upgrade
- Flow Control Structures (#1-4) Component Replacement
- Influent Gates & Actuators Replacement
- Mixed Sludge Line Replacement
- Chemical ORT System and Dewatering Carbon Scrubber Improvements
- Screening Dewatering Units Replacement
- Dewatering Carbon Tower and Scrubber
- Secondary Sedimentation Tanks Retrofit
- Access Gate Security Improvements
- Digester Circulation Pump Replacement
- Secondary Odor Control Storage System Improvements

Electrical Improvements Program

Project Scope

Replace 25 legacy electrical equipment items across multiple buildings within STP, including:

- Three 115/13.8 kV and 4160/480 V transformers
- Eleven medium and low voltage switchgear
- Eleven 480 V motor control centers
- 10-year program duration



Project Status

- Project Charter is currently in progress
- Alternatives analysis expected to start in Q1 2026
- Total construction cost is estimated at \$100M

Return Activated Sludge (RAS) PODs 1-6

Scope of Work

Replacement of:

- 12-, 18-, and 30-inch RAS pipes
- Fittings, valves, flowmeters
- Expansion joints
- Pipe supports
- RAS pumps, variable frequency drives (VFDs) and associated controls



Project Status

- Project Chartered
- Alternatives analysis expected to start Q4 2025
- Total construction cost is estimated at \$50M

Santler Building Redevelopment

Project Scope

Construction of a new 43,000 sqft two-story building at STP providing:

- Office and workspaces
- Storage
- Warehouse
- Gym



Project Status

- Project Charter is currently in progress
- Alternatives analysis expected to start Fall 2025
- Total construction cost is approximately \$120M

Thank you

Bry Polk, STP Program Manager, brdavis@kingcounty.gov

Petra Liskova, Jacobs Program Manager, petra.Liskova@jacobs.com



King County | Wastewater Treatment

Brightwater Facilities Program (BWFP)

2025-2028 Contracting Opportunities

Brightwater Operations Center Roof & HVAC Replacement

Brightwater Space Heating - Heat Pump Installation

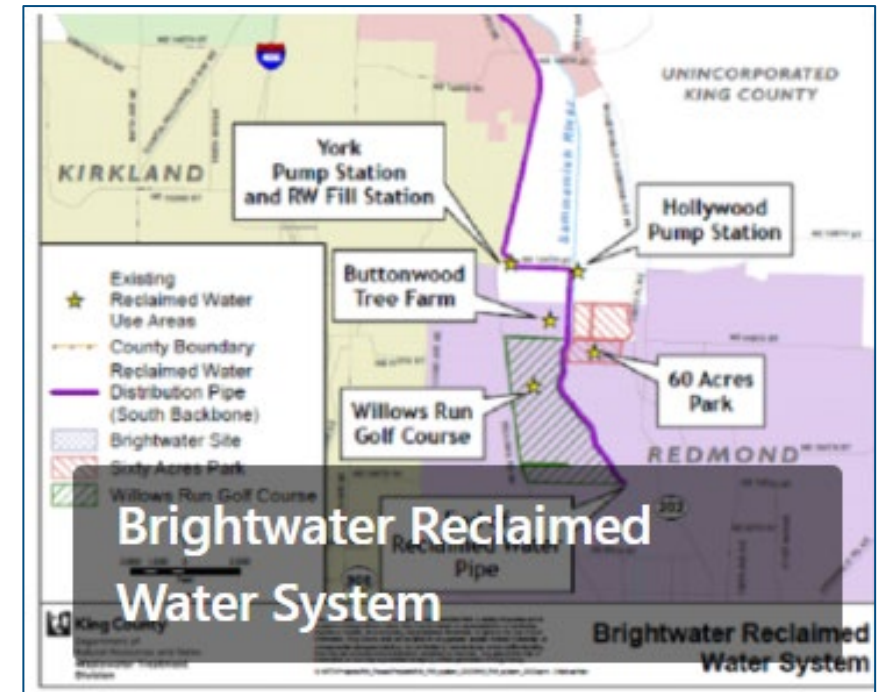
Brightwater Neuros NX-300 Blower Replacement

BW Reclaimed Water Storage

BWFP

The BWFP includes:

1. Brightwater Treatment Plant
2. Carnation Treatment Plant
3. Vashon Island Treatment Plant
4. Brightwater Reclaimed Water System

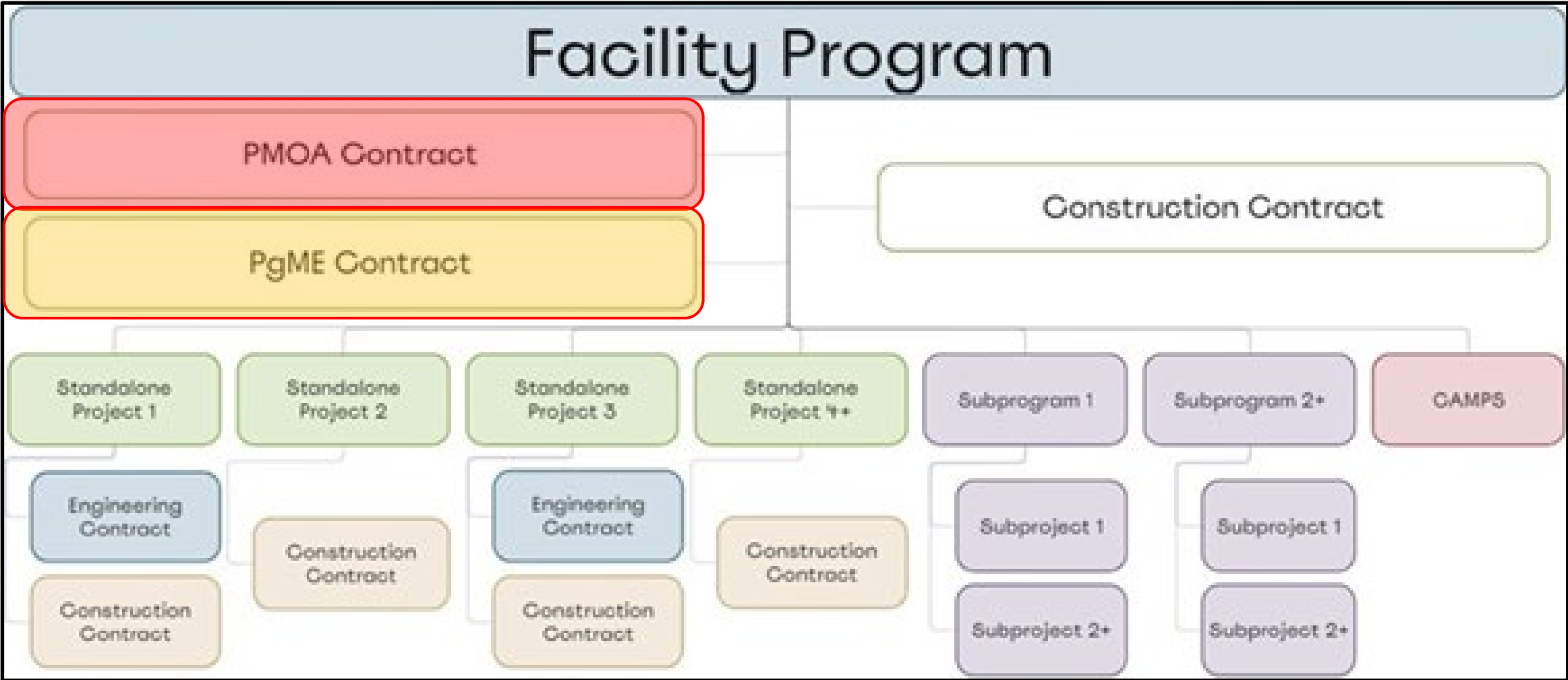


BWFP Planned Projects

- The BWFP charter identified 27 projects in the 6-years plan of 2025-2030 totaling \$577M.

Status	Number	Name	Estimate at Completion (Escalated)
New - Pending	REQ-162	Brightwater Aeration Basin No. 4	\$115,055,477
New - Pending	REQ-1390	BW Basins & Cassettes (11 & 12)	\$80,578,621
New - Pending	REQ-722	Brightwater Aeration Basin No. 5	\$78,874,760
Current	1134074	BW Reclaimed Water Storage	\$45,262,708
Unfunded	REQ-2178	Brightwater Digester Capacity	\$42,218,159
New - Pending	REQ-163	Brightwater Side Stream Removal Implementation	\$24,639,336
Current	1129532	BW Aeration Basin Optimization	\$21,755,812
Unfunded	REQ-167	Brightwater Recycled Water Pumping	\$19,214,790
New - Pending	REQ-120	Brightwater Influent Pump Station Optimization	\$17,805,182
New - Pending	REQ-2025	Carnation TP Controls Replacement	\$15,268,072
New - Pending	REQ-2027	Vashon TP SCADA Controls Replacement	\$15,268,072
New - Pending	REQ-149	Brightwater Operations Center Roof & HVAC Replacement	\$10,395,019
New - Pending	REQ-206	Brightwater Centrifuge No. 3	\$8,183,246
New - Pending	REQ-1802	Vashon WWTP Outfall Upgrade	\$6,847,340
New - Pending	REQ-659	Brightwater Biogas Conditioning	\$6,448,396
New - Pending	REQ-681	Brightwater Digester Gas Optimization	\$5,224,377
Unfunded	REQ-185	Brightwater Chemical Pipe System Replacement	\$4,737,941
New - Pending	REQ-161	Brightwater Membrane 9 & 10 Cassettes	\$4,098,609
New - Pending	1139106	Brightwater Neuros NX-300 Blower Replacement	\$3,702,313
New - Pending	REQ-2067	Brightwater Space Heating - Heat Pump Installation	\$3,374,548
Pending Close	1139041	BW Storage Tank Foam Spray System	\$3,054,885
New - Pending	REQ-699	Brightwater Odor Control Optimization	\$2,771,307
New - Pending	REQ-697	Brightwater Digester Circulation Pump Replacement	\$1,064,132
Unfunded	REQ-186	Brightwater IPS Reclaimed Water Sodium Hypochlorite Modifications	\$244,534
Unfunded	REQ-586	Brightwater and South Plant Virus Inactivation in Reclaimed Water Study	\$150,000
Various Asset Management Improvements			\$43,000,000
TOTAL			\$577,237,636

BWFP Delivery Method



BWFP Delivery Method

- **Program Management Owner Advisor (PMOA)** – One Consultant to assist the WTD in managing the program. Contract Executed (T.Y.Lin).
- **Program Engineering (PgME)** – One Consultant responsible for Design and Services During Construction of all projects in the program. Contract Advertised. Interviews are to be conducted soon and selection in April 2025
- **Contractors** – Not yet defined with the possibility of :
 - One Contractor responsible for the construction of all projects in the program.
 - Solicitation of a Contractor for each project in the program
- **Alternative Deliver Method** – Identified per project (DB, GCCM, ...etc.)



Brightwater Operations Center Roof & HVAC Replacement (1148138)



Scope

Replace the roof and associated heating, ventilation, and air conditioning (HVAC) equipment on top of the Brightwater Treatment Plant Operations Center (BOC) (92,000SF). The project will also add a solar panel system and remove a number of decommissioned equipment that are no long

Schedule

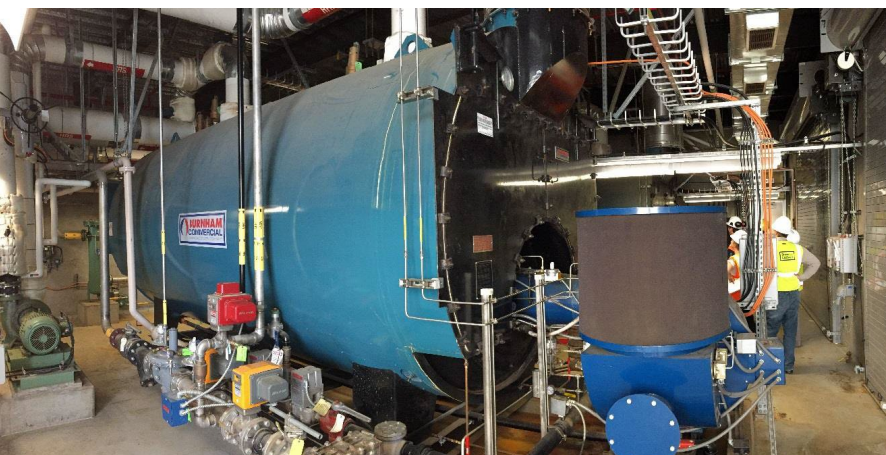
Project Started Jan. 2025.

Construction is planned in 2027.

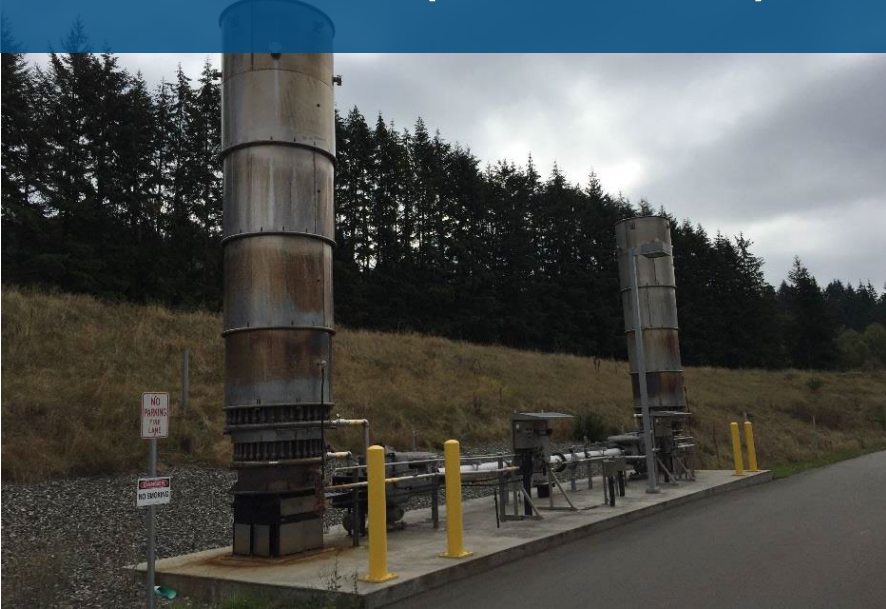
Construction Cost Estimate

\$5M





Brightwater Space Heating - Heat Pump Installation (1148144)



Scope

Isolate the space heating loop from the process loop and install heat pumps at Brightwater Treatment Plant to fulfill the plant's space heating loop needs. The project will also rehabilitate leaks in heat loop pipe between the plant and the Brightwater Operations Center building.

Schedule

Project Started Jan. 2025.

Construction is planned in 2027.

Construction Cost Estimate

\$6M



Brightwater Neuros NX-300 Blower Replacement (1139106)



Scope

Replace seven first generation Neuros NX300 blowers with modern turbo blowers that are easier and less expensive to maintain at the Brightwater Treatment Plant in Woodinville, WA.

Schedule

Project Started Jan. 2025.

Construction is planned in 2027.

Construction Cost Estimate

\$4M

BW Reclaimed Water Storage (1134074)

Scope

Construction of Reclaimed Water (RW) storage facility for the Brightwater RW distribution system. The RW storage facility will include the pumping, distribution piping, disinfection, and/or chlorine residual system needed to support permit compliant RW storage and distribution.

Schedule

Project Started Dec. 2018.

Construction is planned in 2028.

Construction Cost Estimate

\$28M

Thank you

Khaled EL-Guindy, *BWFP Program Manager*

(206) 477-3535

Khaled.EL-Guindy@kingcounty.gov



King County | Wastewater Treatment

West Point Facilities Program

Mechanical Work Order Contract

Electrical Work Order Contract

Digester Capacity Expansion Program

Introduction



The West Point Treatment Plant (WPTP) provides secondary treatment for approximately 700,000 residents and businesses in Seattle and northern King County.

- JR Meksavanh – King County Program Manager
- Nicole Ream – Consultant Program Manager

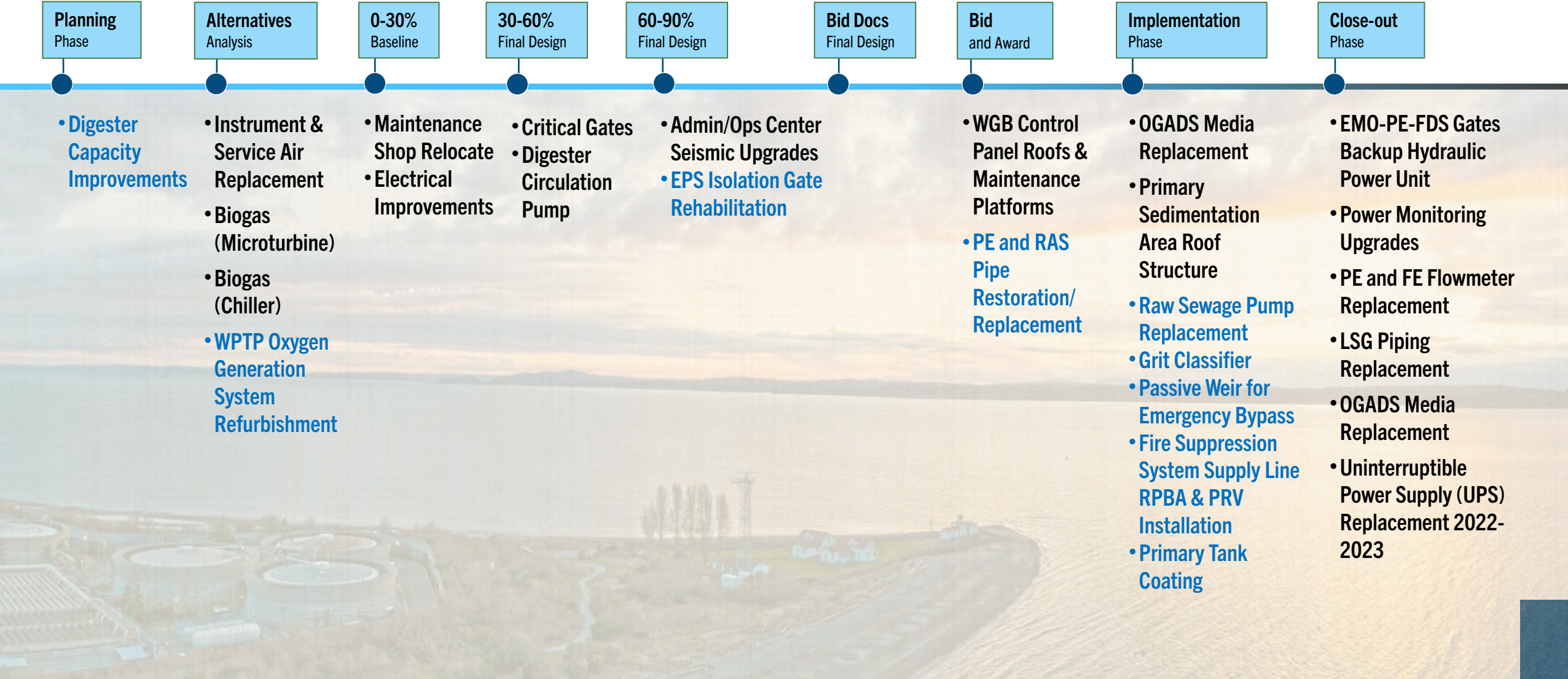


Who Are We?

- 12-year program
- More than \$1 billion in total work to be performed
- Team composed of County, Program Manager/Owner's Advisor

Projects Managed by the WFPF by Current Phase

As of February 2025



Mechanical Work Order

Contract Scope

Deliver small to medium-sized mechanical asset management projects at the West Point Treatment Plant and/or West Section

Types of work includes mechanical, repair and improvements to various systems within the wastewater treatment system



Contract Status

- Plan to advertise Q3 2025
- Duration will be 1 year with potential to extend an additional 1 year
- Total contract value is estimated at \$4-4.5M
- Location will be at West Point Treatment Plant or within the greater Seattle area west of Lake Washington
- Point of Contact is Jennifer Zutis, Project/Program Manager - jzutis@kingcounty.gov

Electrical Work Order

Contract Scope

Deliver small to medium-sized electrical asset management projects at the West Point Treatment Plant and/or West Section.

Types of work includes electrical, repair and improvements to various systems within the wastewater treatment system



Contract Status

- Plan to advertise Q3 2025
- Duration will be 1 year with potential to extend an additional 1 year
- Total contract value is estimated at \$4-4.5M
- Location will be at West Point Treatment Plant or within the greater Seattle area west of Lake Washington
- Point of Contact is Jennifer Zutis, Project/Program Manager jzutis@kingcounty.gov

Digester Capacity Expansion Program

Provide cost effective, long-term solutions to address solids treatment capacity needs at WPTP along with supporting systems

Project Scope

- Digester Expansion Facility Plans
- Construction Coordination for South Pod
- Digested Solids Storage Tanks
- Digester Gas System Upgrades
- Heating Loop Revisions
- NG Conversion or Propane Relocation
- Convert Digester 6
- Convert Digesters 4 and 5
- Cogeneration System Replacement



Project Status

- Digester Expansion Facility Plans expected 2026
- Other Digester Expansion activities TBD after receipt of Facility Plans



Thank you

JR Meksavanh, WFPF Program Manager, jrmeksavanh@kingcounty.gov
Nicole Ream, Stantec Program Manager, nicole.ream@stantec.com



King County | Wastewater Treatment

CSO Program

Mouth of Duwamish Wet Weather Facilities

April 21, 2025

Agenda

1. CSO Program Overview

2. Mouth of Duwamish Program (MDCSO)

- Program Objectives
- What We Are Building
- Program Components
- MDCSO Timeline/Roadmap
- Program Team Overview
- Delivery Plan Development

3. Equity and Social Justice (ESJ) Values and Objectives

4. Contracting Opportunities

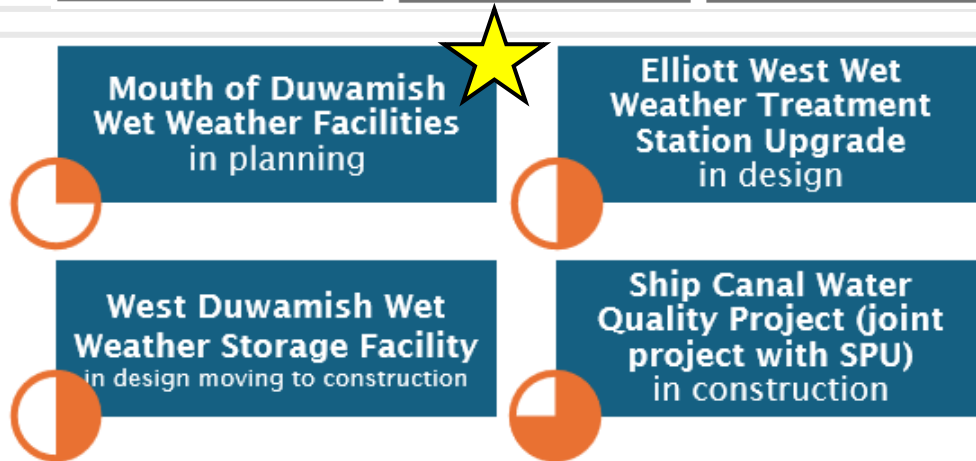
5. Supplemental Compliance and Corrective Action Program

CSO Delivery Program

Completed CSO Control Projects

Ballard Siphon Project	Barton CSO Control Project	Murray CSO Control Project	North Beach CSO Control Project
Georgetown Wet Weather Treatment Station	Rainier Valley Wet Weather Storage Project	South Magnolia CSO Control Project	

Active CSO Control Projects



Remaining CSO Control Projects

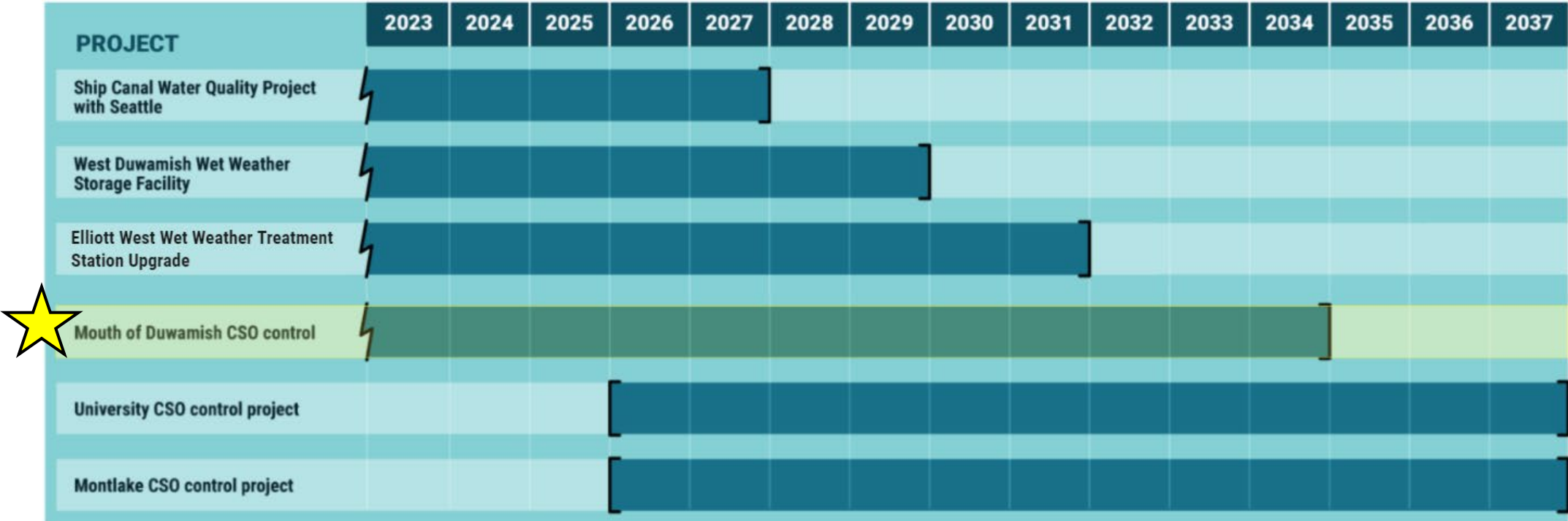
University/Montlake CSO Control	Supplemental Compliance (Barton, Magnolia, Hanford #1)
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**Mouth of Duwamish Wet Weather Facilities
Draft – Subject to Preliminary Draft Exemption**

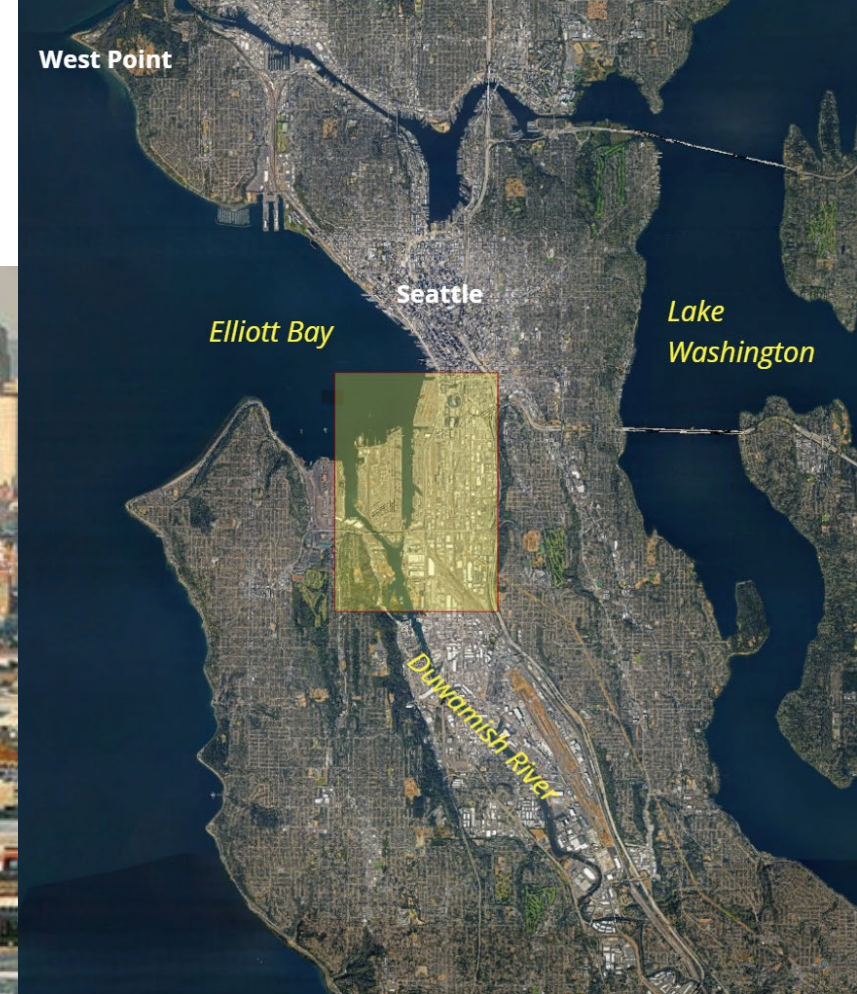
CSO Delivery – Problem Definition

- Delivery of the CSO Program must meet stringent Consent Decree (CD) schedule requirements.
- The schedule requires efficiency and demands resources, processes, and workflows that may not currently exist and/or need to be redefined



Mouth of Duwamish Wet Weather Facilities
Draft – Subject to Preliminary Draft Exemption

Mouth of Duwamish Wet Weather Facilities Program Description

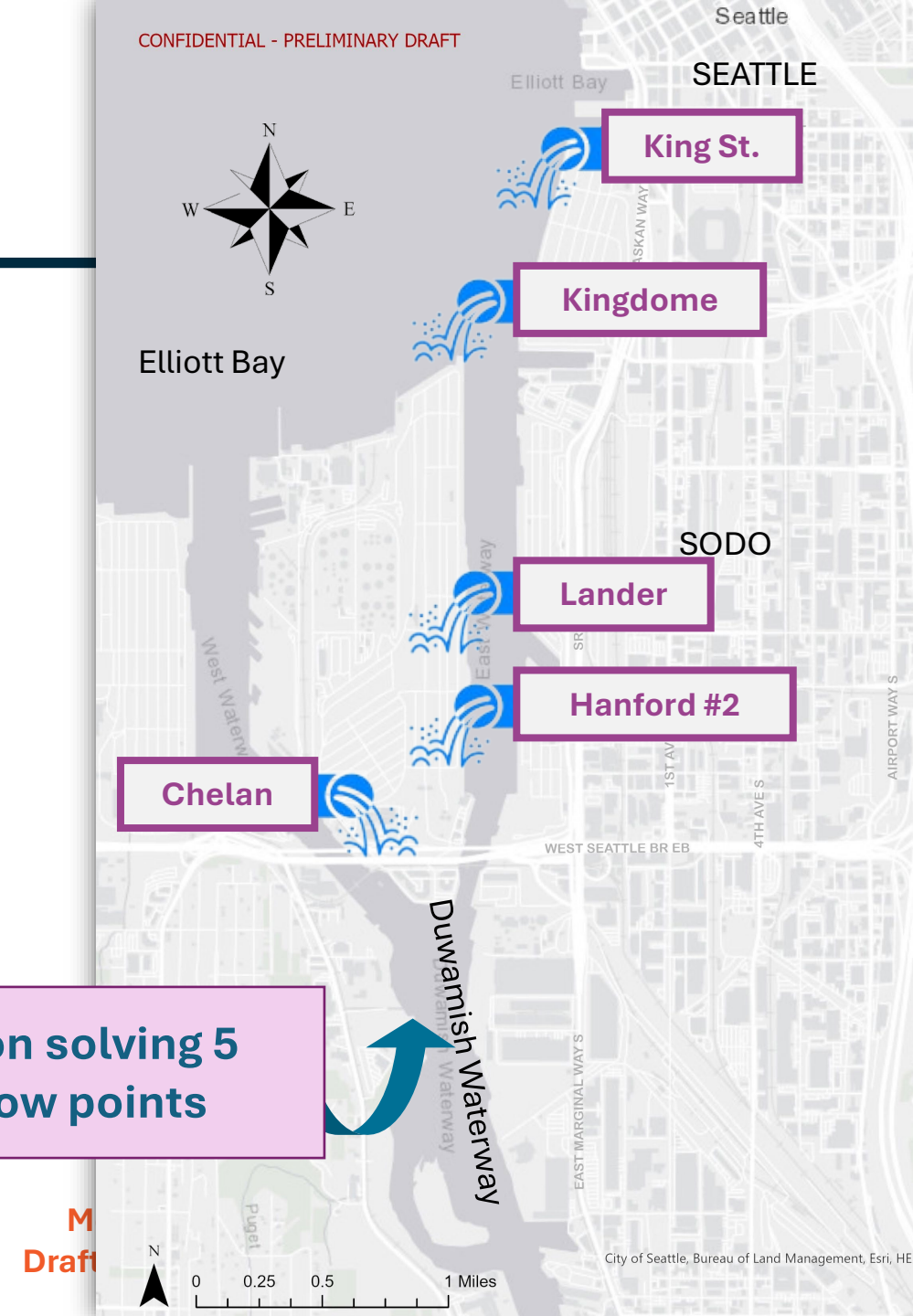


An integrative solution to control the discharges of five CSO outfalls that occur during wet weather events in Seattle, flowing to the mouth of the Duwamish River.

Program Objectives

- Deliver facilities to **control sewer overflows** during wet weather in the Duwamish River.
- Achieve **regulatory compliance** per RCW 90.48 and WAC 173-245.
- Appropriately **incorporate King County initiatives** including Equity and Social Justice and Strategic Climate Action Plan goals.
- Manage **multiple projects in a coordinated way**, with benefits that could not occur if the projects were handled separately.

Focus on solving 5
overflow points



What We Are Building

Infrastructure to convey, store and treat combined sewer flow during storm events to avoid CSOs.

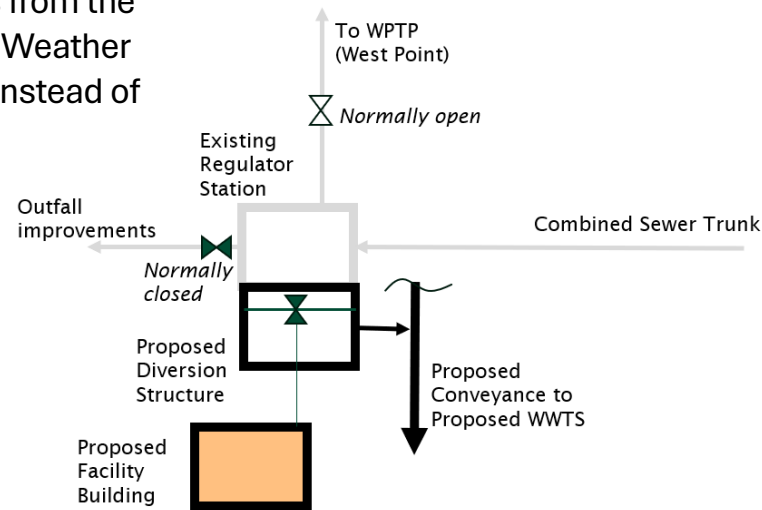
- Wet weather treatment facilities
- Wet weather storage facilities
- Diversion structures
- Conveyance pipelines
- New outfall
- System integration and SCADA



Program Components

Diversion Structures:

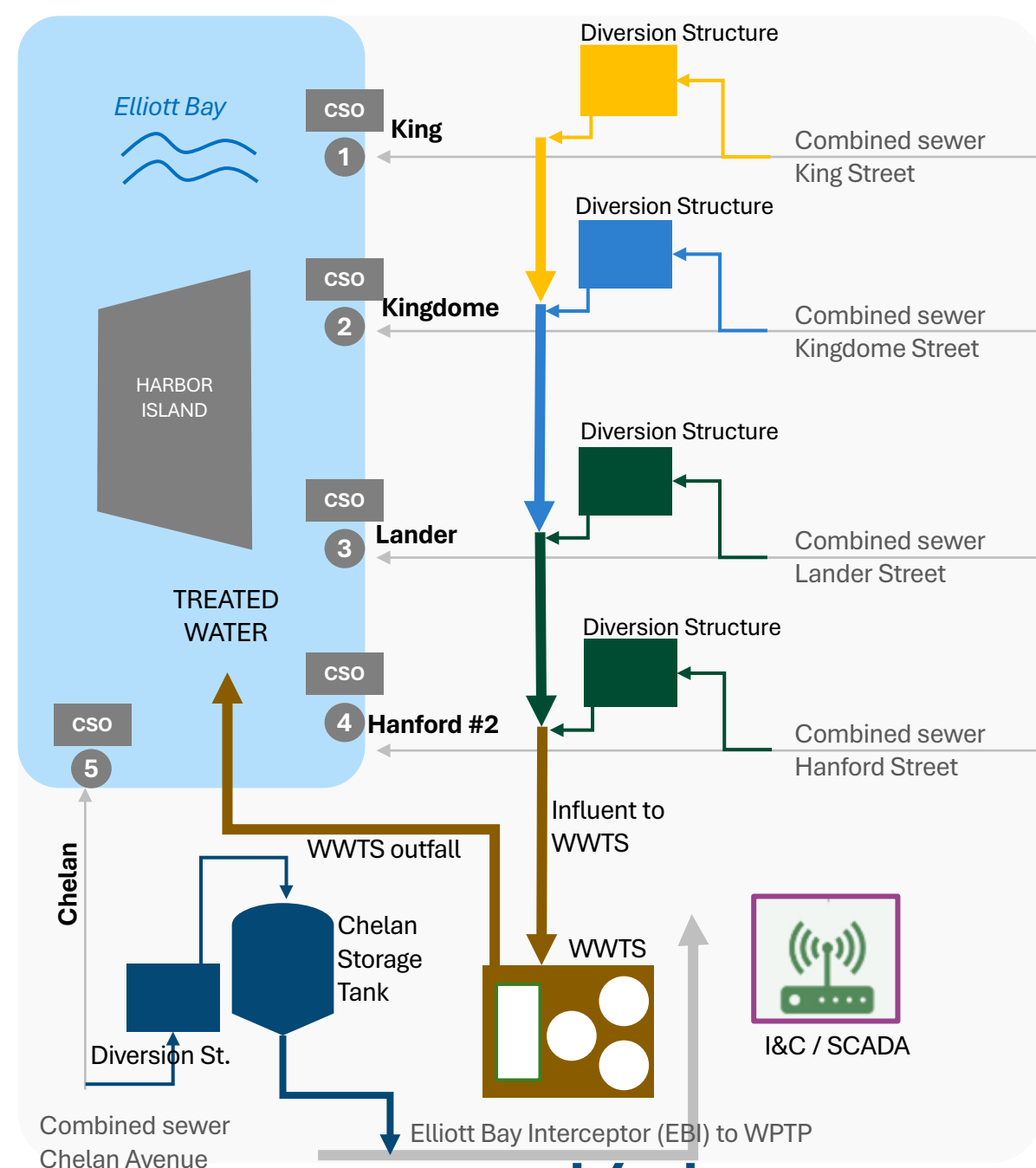
During heavy rainfall, new diversion structures will convey flows from the sewer trunk to the new Wet Weather Treatment Station (WWTS) instead of to CSO outfalls.



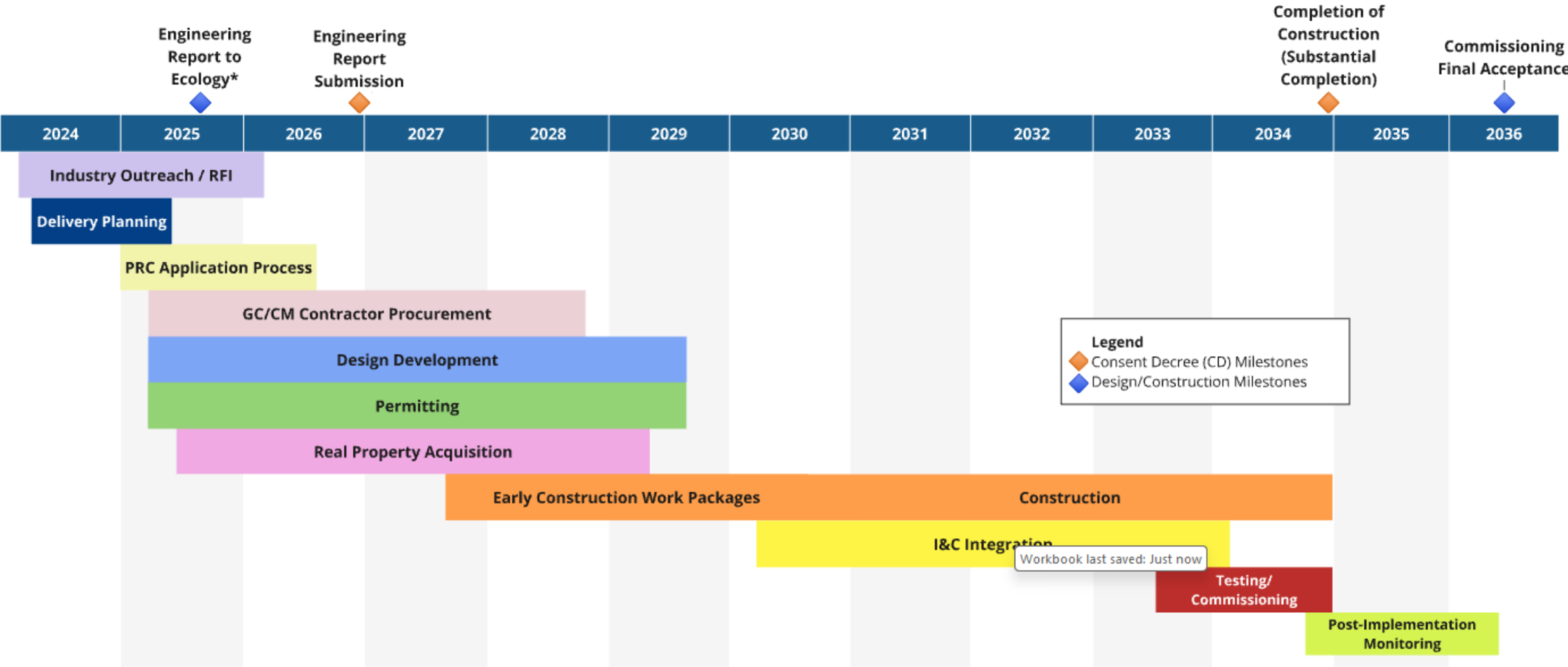
Flow Regulators:

These existing structures will be modified to meet new requirements.

Note: final configuration and locations are to be determined.

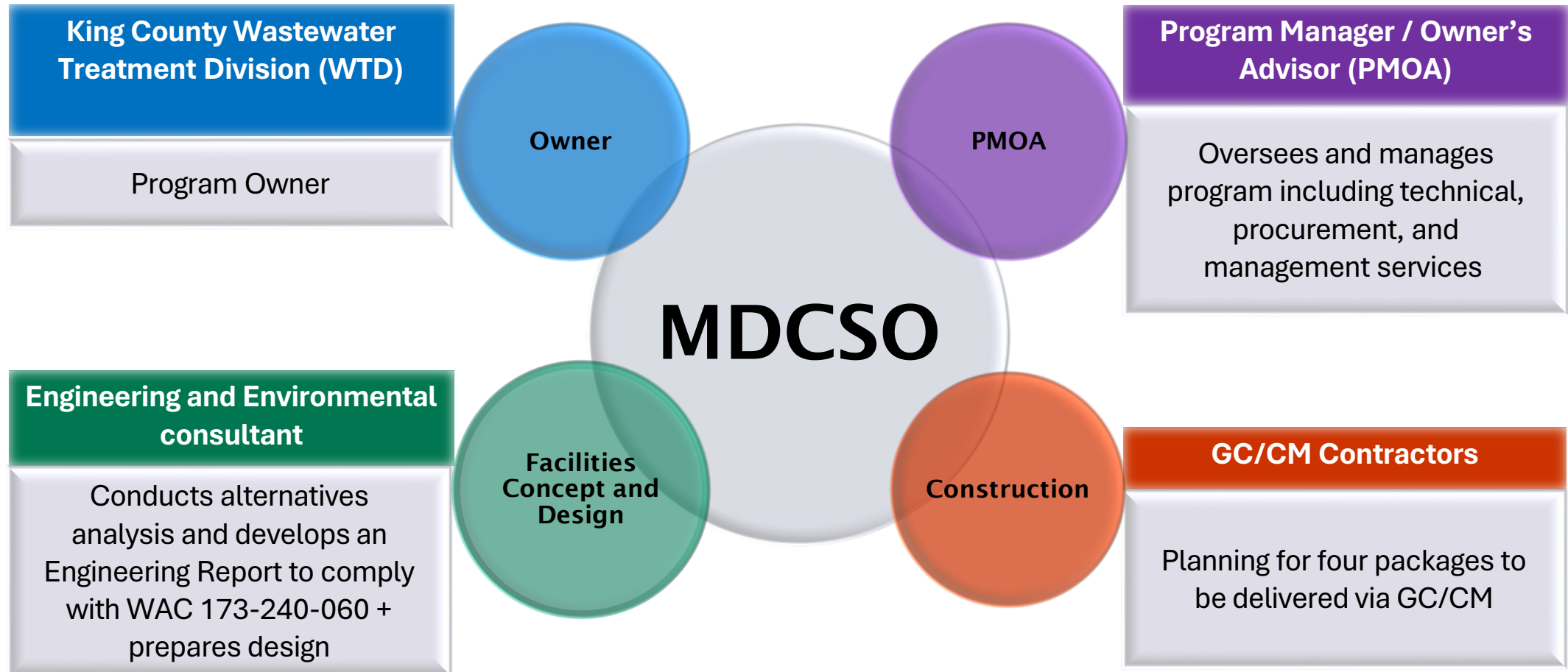


MDCSO Timeline/Roadmap

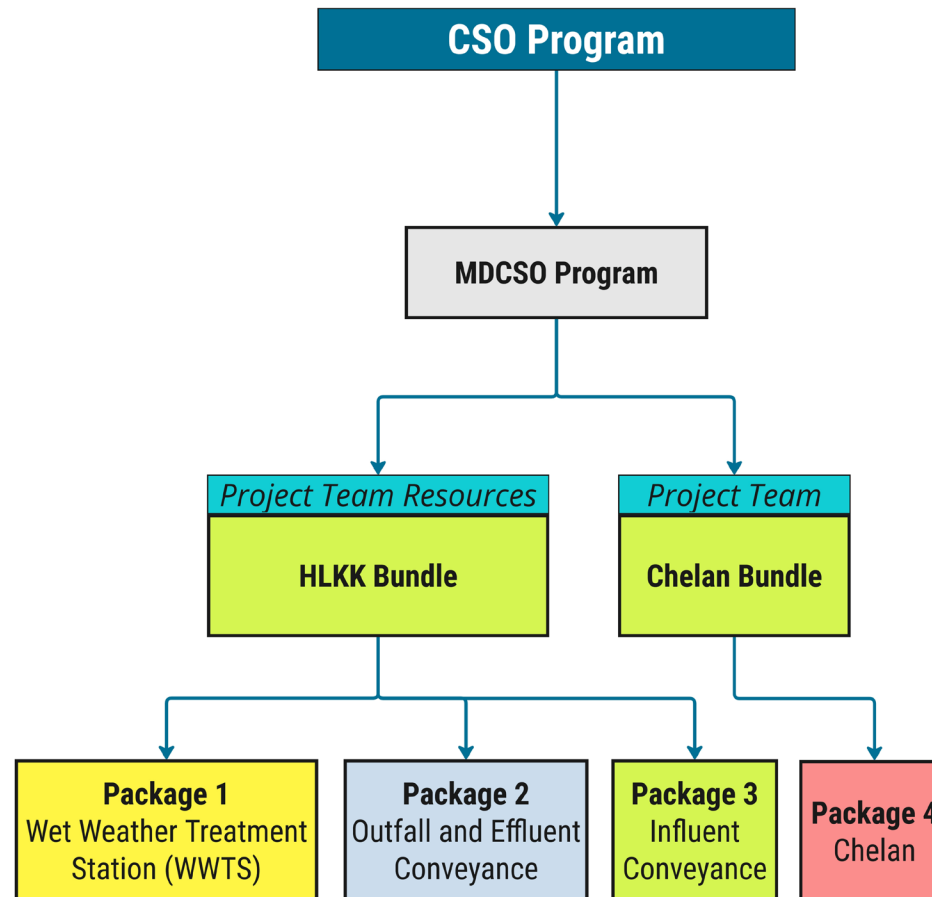


*Engineering Report to Ecology: Consent Decree milestone is in December 2026.

Program Team Overview



MDCSO Program Organization Structure

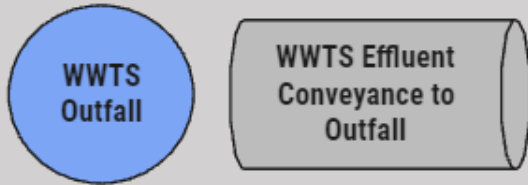


Draft Package Plan

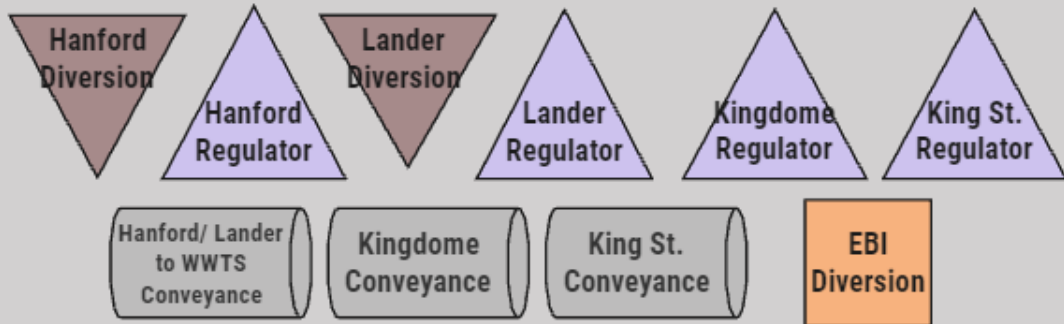
1. WWTS



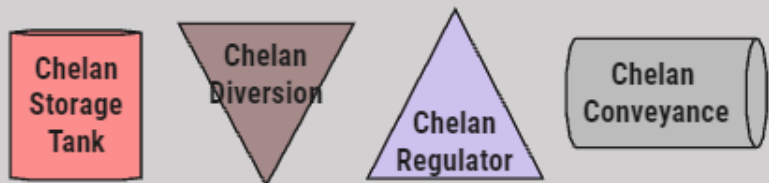
2. Effluent Outfall & Conveyance



3. Influent Conveyance



4. Chelan



Delivery Plan



Applied industry outreach lessons learned to maximize attractiveness of packages



Grouped components of the program for delivery that will require similar construction specialties



Applied risk management best practices to appropriately allocate risk



Developed packaging strategy to optimize delivery schedule to meet consent decree milestones

Mouth of Duwamish Wet Weather Facilities
Draft – Subject to Preliminary Draft Exemption

Equity and Social Justice (ESJ) Values and Objectives

Pro-Equity Contracting Goal

MDCSO projects will seek to go beyond meeting pro-equity contracting goals to promote long-term economic success of M/WBE businesses.

SBE, DBE and M/WBE Firm
Participation

Mentoring and Support



Equity and Social Justice (ESJ) Values and Objectives

Workforce Development Goal

MDCSO projects must meet the Master Community Workforce Agreement (MCWA) and seeks to connect under-represented communities in the program area with long-term, family-sustaining jobs.

Priority Hire

Workforce Requirements



Fall and Spring Job Fairs

South Seattle College

Contracting Opportunities

MDCSO Program will be divided into four work packages for delivery.

The County has just received responses to a Request for Information (RFI) to obtain further industry feedback.

We have developed a delivery plan and will have more information about specific opportunities in Q2, after the best apparent system alternative (BASA) is confirmed.

All packages are currently planned to be delivered via General Contractor/Construction Manager (GC/CM).

For more information, contact:	Steve Tolzman, MDCSO Program Supervisor	Steve.tolzman@kingcounty.gov (206) 477-5459
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Supplemental Compliance & Corrective Action Program

Program Background and Need

- WTD has completed a series of capital projects over the last 10 years for outfalls that are not currently meeting the Consent Decree requirement of one overflow event per year over a 20-year averaging period.
- Remedial actions have not been successful in bringing these outfalls into compliance and require new capital projects to meet the control standard.



Projects included in the Program

- Barton Street Pump Station (DSN 057)
 - Submit draft engineering report: **Dec 2027**
 - Construction substantial completion: **Dec 2034**
- South Magnolia CSO (DSN 006)
 - Submit draft engineering report: **Dec 2028**
 - Construction substantial completion: **Aug 2035**
- Hanford #1 CSO (DSN 031)
 - Submit draft engineering report: **Dec 2029**
 - Construction substantial completion: **Dec 2035**



Barton Street Pump Station

- Barton CSO Control project with Green Stormwater Infrastructure (GSI) completed in 2015
- Design capacity of 33 MGD is not being met. Current average is 27 MGD
- Average overflow rate has been 1.3 events per year
- Planning level options analysis completed December 2024



South Magnolia CSO

- South Magnolia CSO project was placed into service in 2015
- Several issues arose impacting performance including debris, collapsed pipe, weir and gate settings, and soil intrusion
- Remediation project completed in 2018, South Magnolia Wet Weather Storage Facility back online
- Average overflow rate has been 1.5 events per year
- Planning level options analysis is ongoing



Hanford #1 CSO

- Rainier Valley Wet Weather Storage project completed June 2018
- Lower than calculated capacity of the two trunks related to CSO basin
- Average overflow rate has been 2.5 events per year
- Planning level options analysis is ongoing



Engineering Services Procurement Schedule

Milestone	Estimated Schedule
Anticipated Advertisement	Q2 2025
NTP	Q3-Q4 2025
Substantial Completion	Varies per project: Q4 2034-2035

Contact information

For more information, contact:	Ian Smith, Supplemental Compliance Project Manager	<u>ismith@kingcounty.gov</u> (206) 477-5645
	Maud de Bel, Supervisor, CSO Control Projects	<u>mdebel@kingcounty.gov</u> (206) 263-8472

Q & A



King County | Wastewater Treatment



King County

Wastewater
Treatment