

Inc. 1890

March 2024 2023 Q4 Report

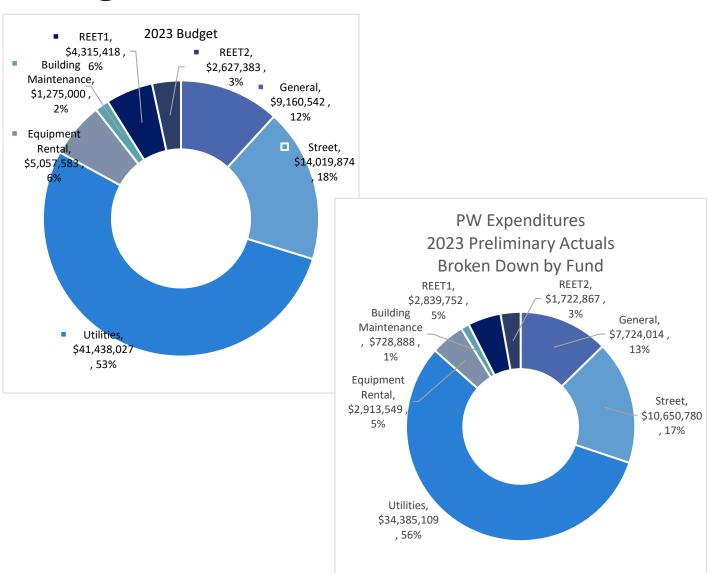
CITY OF EDMONDS WA

Organization

The Public Works Department provides care and maintenance to the City's physical infrastructure. We strive to enhance reliability and performance of these systems while maintaining a safe, clean, and healthy environment.

Our goal is to serve the community and to enhance the quality of life in the city. We achieve this through a department that is community and customer focused. We embrace leadership in environmental and energy design concepts & principles and leverage technology & management principles to achieve operational effectiveness.

Budget Overview



Facilities

People

Total positions approved	12
Loss	0
Gains	0
Current Vacancies	0

By The Numbers

Facilities	
# of Buildings	21
Square footage	455,702
# Of restrooms maintained	36
Leases	7 & 3 Fire Stations
Total SF of leased buildings	36,000 & 26,900

Q4 Highlights

Quarter four was highlighted by several projects nearing completion including the Public Safety Solar project, Anderson Center transom window replacements and Gym floor refurbishment and striping. And the Public Safety lobby ADA upgrades restrooms, court/council chamber, and police lobby. Vendor coordination supporting Library grand opening including fire alarm, building balancing and HVAC operation and lighting controls. Projects development for projected 2024 projects including Anderson center South wall leak, Fire Station 16 fire alarm system, beach ranger station door and Public Safety parking lot fence and automatic gates.

Training

Facilities completed training general building winter controls settings ahead of winter weather, high visibility clothing when working in dark and communication on and off job for call in work. Custodians trained on types of ice melt and proper application amounts as well as how to read the SDS sheets for ice melt and other chemicals.

Projects

Library Upgrade:

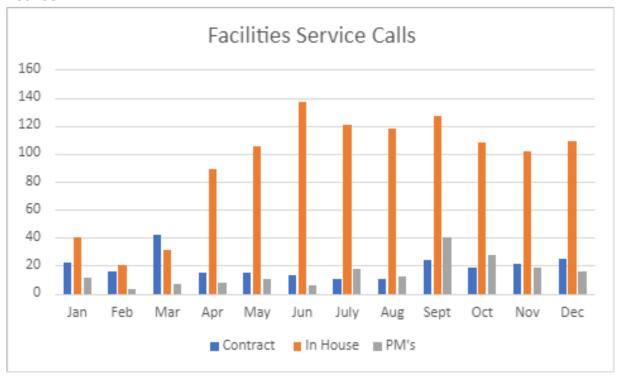
Library remodel support is on-going, Facilities attends weekly construction meetings and is advising Faber Construction. Grand opening event is scheduled for 1/13/24. Building systems and schedules are adjusted for occupancy. Fire and building final inspections scheduled for week of January 8th.

2023 Active Projects

Projects (Planned)	Status	Budget
Public Safety Solar Plant	Complete/Punch List	\$690,385.00
Public Safety Card reader replacements	Complete	\$20,000.00
Expansion of Public EV charging network	Complete	\$230,000.00
Painting Exterior Fire Station 16	Complete	\$70,000.00
Interior Painting at six buildings	In Progress (95%)	\$240,000.00
Library Lobby painting (in house labor)	Complete	\$21,000.00
Library book drop demo	Complete	\$4,000.00
Library parking lot insulation repair	Complete	\$25,000.00
Electrical Service completed at City Park building	Complete	\$80,000.00
Fleet EV chargers added at two locations (8 fleet chargers)	In Progress	\$90,000.00
Anderson Center Fire Panel Replacement	Complete	\$110,000.00
	Scheduled for Dec	
Anderson Center Gym floor refinishing	Break	\$60,000.00
Anderson Center transom window replacement	In Progress	\$190,000.00
Anderson Center Elevator machine upgrade (code forced)	Complete	\$90,000.00
Anderson Center Elevator and lobby (Flooring)	Complete	\$17,000.00
Anderson Center Investment grade audit for HVAC	In Progress	\$95,000.00
Anderson Center drinking fountains upgraded with bottle fillers	In Progress	\$16,000.00
Fire Station 17 Garage ceiling refurbishment	Complete	\$100,000.00
Fire Alarm radio updates at 4 locations	Complete	\$20,000.00
City Park gazebo roof replacement	Complete	\$20,000.00
City Park building parking lot repair/overlay	Complete	\$160,000.00
Meadowdale Club House flooring and stair coverings at pre-school	Complete	\$20,000.00
Public Works fleet electrical drops	Complete	\$8,000.00
	Total	\$1,223,615.00

Projects (Unplanned)	Status	Budget
Anderson Center boiler tube replacement	Complete	\$30,000.00
Boys and Girls Club flooring repairs	Complete	\$47,000.00
Police pedestrian fence	In Progress	\$126,655.90
Neighborhood City Office hallway door/wall (in house)	Complete	\$5,000.00
Public Safety Lobby ADA door updates	Complete	\$60,000.00
Public Safety office remodels, Detectives, Patrol, and Sargent's	Complete	TBD
Support 4th of July, Porch Fest and Palozza events	Complete	\$1,500.00
City Hall water pressure reducing valve rebuild (thanks Water Division)	Complete	\$500.00
City Hall Emergency sewer pipe replacement	Complete	\$4,500.00
City Hall Fire Marshal office relocation	Complete	\$2,000.00
Library remodel construction support	Complete	\$15,000.00
Library emergency window frame replacement	Complete	\$15,000.00
Library fire alarm system replacement	Complete	\$12,000.00
Library security system	Complete	\$8,000.00
Library HVAC control upgrade	Complete	\$10,000.00
City Park emergency water supply line replacement (thanks Water Division)	Complete	\$2,000.00
Beach Ranger Station entry door replacement	Complete 1/2024	\$15,000.00
7th Ave sidewalk project (Storm fund 50% and Bond 50%)	on hold	\$300,000.00
	Total	\$569,459.10

Metrics



Sewer and Water

Sewer

People

Total positions approved	7
Loss	0
Gains	0
Current Vacancies	0

By The Numbers

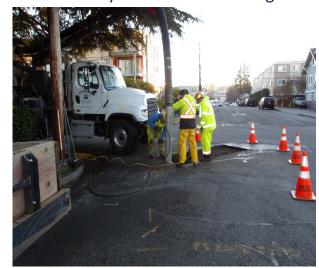
Sewer	
Sewer pipes	186 Miles
Sewer lift stations	14
Residential grinder pumps	29
Accounts	9800
Manholes and cleanouts	3425
Sewer Comprehensive Plan	August 2013

Q4 Highlights

The Sewer Department is responsible for the maintenance of 14 sanitary lift stations, 3200 sanitary sewer manholes and over 186 miles of sanitary sewer mains serving

9800 customer accounts. Seven FTE's are responsible for these functions as well as the maintenance of 26 residential grinder pumps.

 Sewer Department continues to clean and inspect sewer lines using the TV truck, push cameras and visual inspection of manholes. During the fourth quarter of 2023 they cleaned and inspected 44,158 feet of sewer main and inspected 568 manholes.



They also performed root cutting in 7900 linear feet of main.

- The Sewer Crew performed 673 utility locates in the third quarter.
- Crews cleared three pump blockages lift stations to prevent sewer overflows.
- Sewer Department crews repaired 1 sewer main and 3 sewer laterals during the fourth quarter which historically would have required an outside contractor.
- Crews focused on sewer cleaning, inspection and pipe rating. Sewer crews followed up with in-house main line repairs of pipe breaks identified during the forementioned inspection programs.



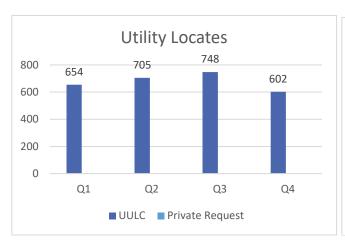
Sewer Staff have completed cold weather safety and driving training.

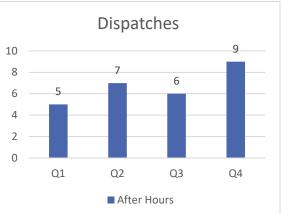
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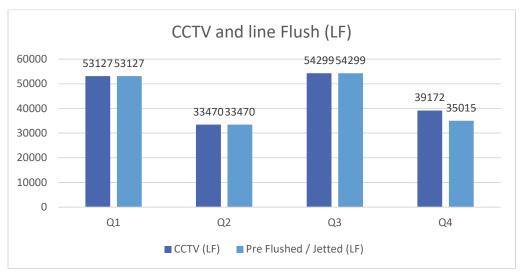
Projects

Crew continues to identify and correct system deficiencies utilizing the CCTV truck and pipe rating system.

Metrics







Water

People

Total positions approved	9
Loss	0
Gains	0
Current Vacancies	0

By The Numbers

Water	
Reservoirs	4 total 7.5 MG (one 3M & three 1.5M)
Water Pipes	138 Miles
Service Connections	10,372
Pressure Reducing Stations	19
Valves	3129
Hydrants	1205
Blow-off	305
Backflow Assemblies	2692
Comprehensive Water System Plan	October 2017

Highlights

The Water Division is responsible for the maintenance and operation of the City's water distribution system for the constant and safe delivery of potable water to over 10,372 accounts. The Water Division operates and maintains all storage and conveyance facilities including over 138 miles of distribution mains, 18 pressure reducing stations, three 1,500,000-gallon reservoirs, and one 3,000,000 gallon reservoir and pumping station. Nine FTE's are responsible for the above functions.



Q4

- The Water Department installed four new water services during the 4th quarter.
- The Water Quality Department collected over 160 samples during the third quarter.
- Water Department had 29 afterhours calls for service during the third quarter.
- Performed 781 utility locates.
- Replaced 80 water meters.
- This quarter we repaired 3 water service leaks and repaired two cast iron water main breaks in December.
- PFAS water quality sampling was performed as required by the USEPA
 Unregulated Contaminate Monitoring Rule 5 (UCMR 5), results were received with no presence of PFAS detected.

Training

Water Staff have completed cold weather safety and driving training.

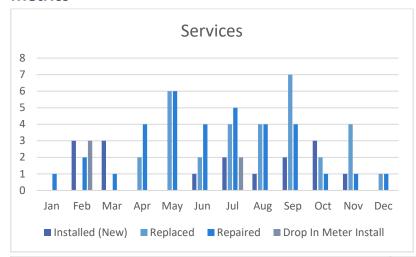
Projects

Water Crews upgraded services that required repair in the two previous quarters. We had three cast iron main

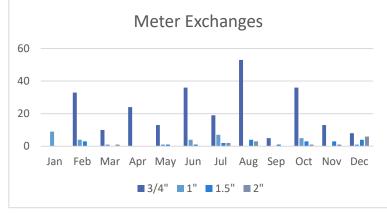


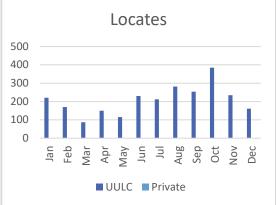
breaks during 2023, two of which occurred in December. This October we continued to monitor the Five Corners steel reservoirs for corrosion control optimization, the results of which were satisfactory this year.

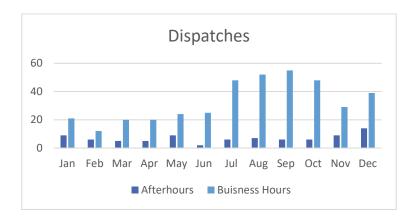
Metrics











Storm & Street



Storm

People

Total positions approved	8
Loss	
Gains	
Current Vacancies	1

(Trevor 11/22) Storm Maintenance position

By The Numbers

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Storm	
Vegetation Control sites/locations	145
Stormwater catch basins	6971
Stormwater manholes	1682
Stormwater Culverts	2309
Detention Systems, Bio Swales & Rain gardens	632
Miles of Stormwater pipe	140
Creek areas monitored weekly	56

Q4 Highlights

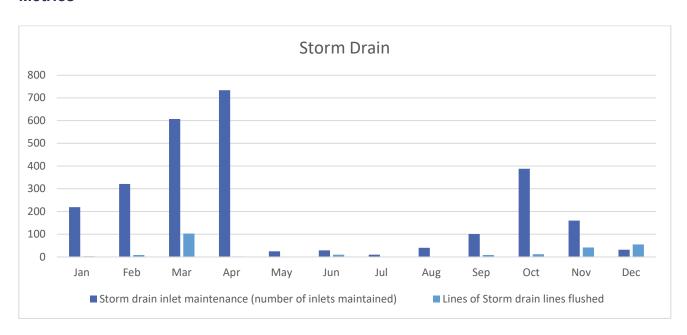
During the fourth quarter we have done numerous sump maintenance processes drawing down the water levels in preparation of heavy rain events. The "Atmospheric Rivers" seem to be happening more frequently requiring us to maintain our sump levels. We dug out the Perrinville Diversion structure as well as our in-house decant facility. We've been doing a lot of hauling of waste materials accumulated by these processes.



Training

Nothing to report this period.

Metrics



Street

People

Total positions approved	9
Loss	1
Gains	
Current Vacancies	1

(Chuck 4/23) Signal Tech position open

By The Numbers

290
143
497
4444
25
33
71
24
18
7823
59
26
93



Q4 Highlights

Early in the fourth quarter the crew went through our snow and ice equipment to prepare for our winter response. The Council approved the purchase of a brine machine that we will incorporate into our response strategies this year. The city experienced two freeze events that our anti-ice equipment was mobilized and performed as expected. Our Halloween set up, one of the bigger events, went off without issue. Multiple RRFB and RFB installs and repairs were done both in support of the City's School Zone camera project and pedestrian safety program. We



completed the Overlay support program by backing edges and applying hot tape at our freshly overlaid streets. The city experienced a couple heavy windstorms that added to our hazard tree removal processes, 7 trees and 4 locations along with the typical clean-up after a wind event.

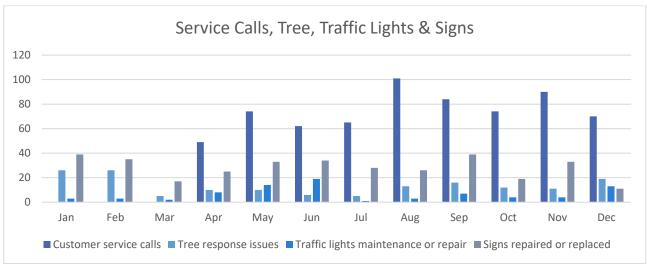
Primary Snow Routes

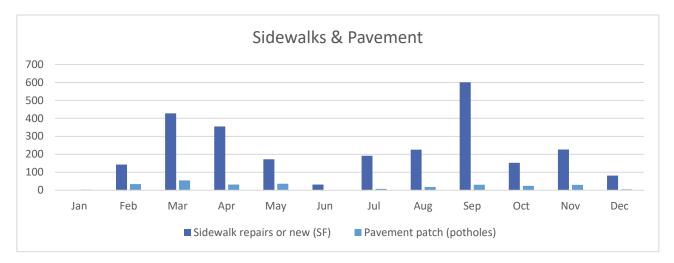


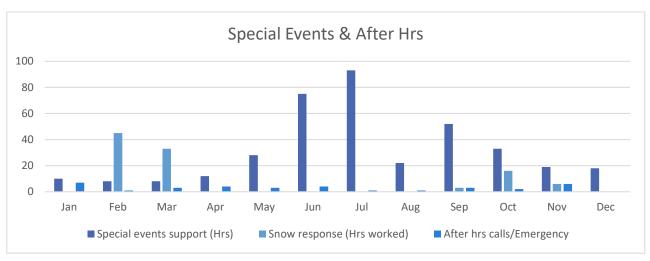
Training

Nothing to report this period.

Metrics







Wastewater Treatment Plant

People

Total positions approved	20
Loss	0
Gains	1
Current Vacancies	2

By The Numbers

Sewer Treatment Plant	
Treatment capacity	11.8 MGD
Current Average flow	6.5 MGD Winter,
	4 MGD Summer
Constructed	1957
Plant updated	1986-91
Plant update (carbon recovery)	2019-23
Service Area	



Q4 Highlights

Staff:

No changes this period.

Completed Projects:

- New SCADA servers installed and updated to latest version of Wonderware and Hach/Wims.
- A new valve and actuator installed on NPW system.





New heating unit installed in 300 bldg.

- HP air compressor repaired and put back in service.
- Screw Press 603 Feed Pump Rebuilt





Process:

The plant performed well during Q4. We processed over 450 million gallons of wastewater this quarter and processed over 2197 wet tons of biosolids. During the wet season, as plant influent flows increased, we put tanks and equipment in service as necessary to maintain process integrity and meet NPDES discharge permit requirements.

Odor Control:

Odor complaints remained minimal, as to be expected with cold and wet weather. We continue to work with Bioair on the overall system odor study which will evaluate the entire Lake Ballinger sewer line and help us to determine proper odor control equipment and sizing. We also continue to take odor readings at several locations along that line often and try to respond to each odor complaint in a timely fashion. We will continue to be proactive to try to minimize or eliminate these odors.

Carbon Recovery Project:

Commissioning continued through December 8th, at which point the contractor ceased operations until after the new year. They expect to resume commissioning around the end of January. Several issues with the process need to be addressed including: carbon filter issues, dust issues, processing influent screenings, and a few others. We have

produced and hauled approximately 9.7 tons of flexchar with the system in Q4 and potentially have two businesses interested in beneficial reuse of the product depending on laboratory analysis of the product.



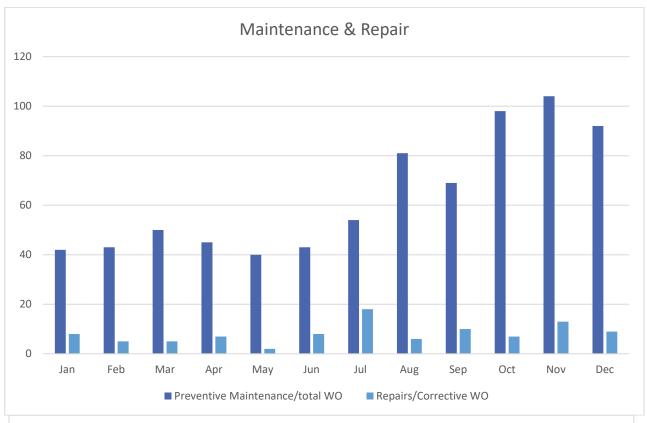


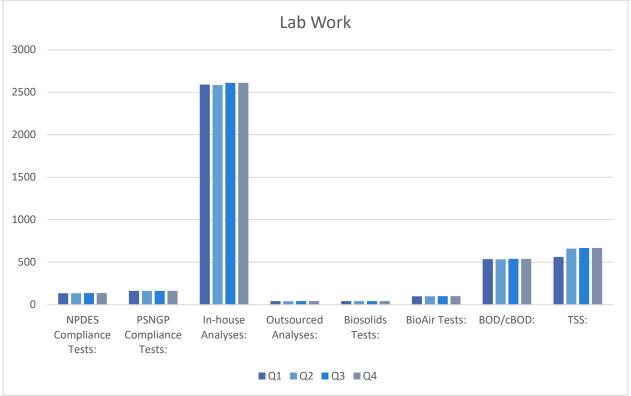




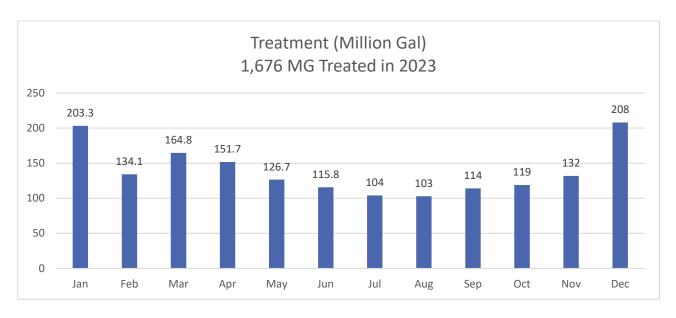


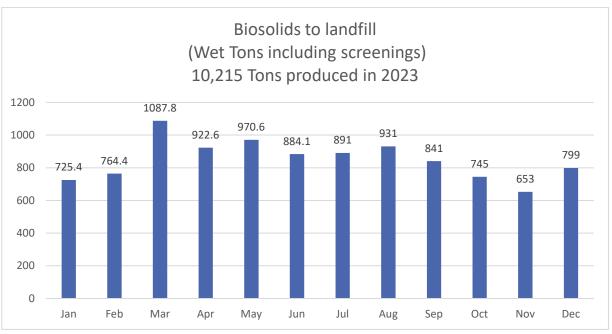
Metrics Operations and Maintenance.

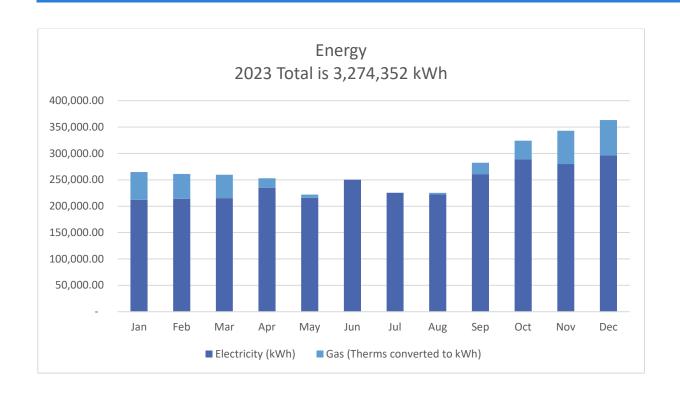




Solid Waste, Treatment







Fleet

Q1 Highlights

People

Total positions approved	4
Loss	0
Gains	0
Current Vacancies	0

By The Numbers

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Fleet	
PD Vehicles	43
PW Vehicles	125
Heavy Equipment (tractors, excavators etc)	27
Dump trucks (plows)	10
Electric Vehicles	11
Hybrid Vehicles	15

Trailers	19
Sweepers	2
Special Vehicles (camera truck, Vacuum truck)	7
Generators	14
Fuel island capacity (Unleaded)	22,000
Fuel island capacity (Diesel)	6,000
EV chargers	9

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Fleet - 2023 Goals

Goals that Fleet identified in the first quarter of 2023 were ambitious. Most of these goals were related to vehicle replacements and additions. Due to supply chain issues, inventory shortages, and delayed production, the list of carryforward projects from 2022 was well above average with 14 vehicle purchases. In addition to the large carryforward projects (14), the city council approved an unprecedented number of new vehicle additions (23) in addition to the regular scheduled vehicle replacements (9). The total number of vehicles and equipment to purchase in 2023 was 46. The intent was to purchase and outfit all 46 vehicles by the end of 2023.

2023 Achievements

Vehicle Procurement and Outfitting

Every vehicle purchase requires time to outfit and prepare before it can go into service as well as the time to decommission and surplus the vehicles being replaced. These new vehicle set-ups and teardowns take away from the regular workflow of the shop that must be performed to continue normal operations. Outfitting 20 of those vehicles with the necessary police equipment presented a unique challenge. Historically, fleet performed the police vehicle upfitting in house for quality control, scheduling accommodations, and flexibility for customizations. Performing the upfitting of 20 police vehicles in-house this year was not a feasible option. Fleet was able to secure a third party to execute these vehicles set ups. Fleet was also able to source all these vehicles in a competitive market with limited inventory by securing new interlocal agreements with Snohomish County and the State of Arizona.

Fleet has been able to put into service 18 new vehicles this year and are in the process of finalizing another 18 by January 2024. We were also able to decommission and surplus 11 old vehicles from the fleet.

Take-Home Vehicle Policy

The need for all these extra vehicles is to accommodate a new car per officer program. Issuing a car per officer also includes the ability to assign those vehicles as take-home vehicles. As of recent, we did not have any policy or language in place to support a take-home vehicle program. Drafting and implementing a take-home vehicle policy was a necessary requirement to successfully manage the police fleet. Fleet was successful in drafting and implementing a new Take-Home Vehicle Policy that was adopted by the city council in April.

New FTE Fleet Mechanic

Anticipating the impact of our growing our fleet, it was also our intention to address the limited staffing resources available by increasing our staffing in the department from 2 Fleet Mechanics to 3 Fleet Mechanics. Contributing factors to justify the need for the staffing increase include the trend of gradual fleet growth over the past decade, sudden fleet growth in 2023, and the specific application of those new vehicle additions being allocated as police patrol vehicles that require above average maintenance and repairs. Although police account for 1/3 of our total fleet, they account for 2/3 of our shop labor. The 2023 vehicle additions resulted in an increase of 125% for our current police patrol fleet. Fleet was successful in increasing our staff with the addition of a new Fleet Mechanic in October. The experience and expertise of our new Fleet Mechanic has resulted in significant progress and advancements in the services that we are able to provide.

CMMS and Fuel Site Updates

The existing asset management software and fuel site management software used by Fleet has been outdated for some time and has not been supported since 2017. For accuracy, reliability, and efficiency of the department, Fleet transitioned to a new asset management software that records all work orders, labor hours, inventory tracking, and parts costs. The updated software has improved the processes for reporting, accurate costs analysis, records retention, and work request submissions. The fuel site

management software updates included a new chip card reader at the fuel island and updated software. These updates have improved our ability to accurately record all costs associated with work performed and fuel transactions.

Unscheduled repairs and preventive maintenance

In addition to the unexpected increase in capital projects and operational changes, Fleet continued to execute its normal workflow with minimal interruptions. Fleet performed 341 preventative maintenance services, 367 unscheduled repairs, 25 safety recalls, and 18 vehicle accidents.

2024 Goals

The accomplishments of 2023 reflect a very busy year for Fleet. There remain a lot of capital projects that are in progress but have not been finalized. 2024 will start off with an above average number of carryforward projects. Most of them will be finalized within the first quarter and the remaining projects will continue to progress along with the regularly scheduled replacements. 2024 has 10 scheduled replacements that will be executed along with the 2023 carryforwards.

Training.

Our new Fleet Mechanic will continue to learn about the variety of equipment that we have. Street sweepers, Vactor trucks, police equipment, heavy equipment, snow removal equipment, and dump trucks are some of the things that we will be training on. Attending CDL school and acquiring his CDL will be among the list of accomplishments he will be completing.

Improved set up time of new vehicles

As stated in the achievements of 2023, the police vehicle outfitting was performed by an outside vendor. I intend on bringing the outfitting of these police vehicles back inhouse. This will ensure better quality control, project management, equipment sourcing, and customizations as we determine necessary. This will require additional hands-on training in-house and I will be working closely with our Fleet Mechanics on this throughout the year.

Safety and regulatory requirements

The fuel site located at Public Works was installed in 1995 and is going to require a well-planned and forecasted replacement plan. The aging underground storage tanks are in satisfactory condition but will need to be replaced soon. This replacement has been included in the CIP and will begin review and design for the replacements of our underground storage tanks.

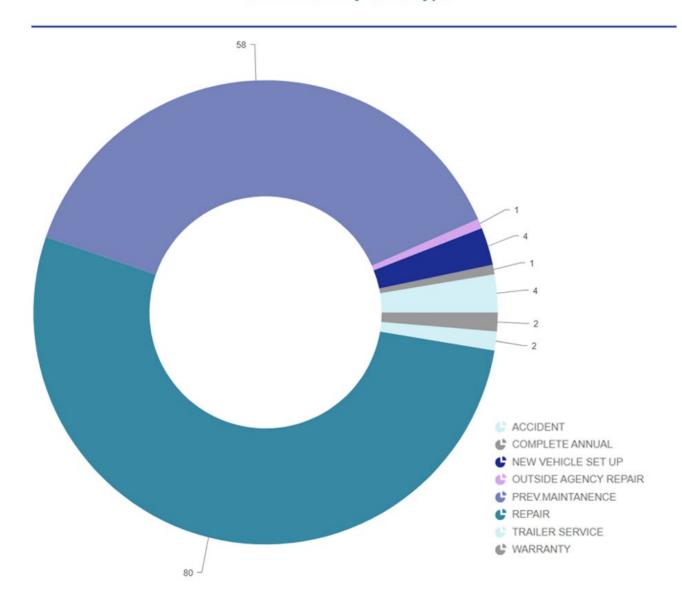
With vehicle use policies changing, including a new vehicle take home policy, Fleet is working to improve reporting and accountability for all fleet assets, this is critical for the operation and maintenance of the fleet and the readiness of the city.

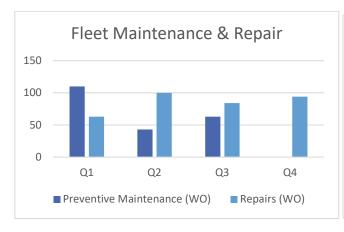
Budget

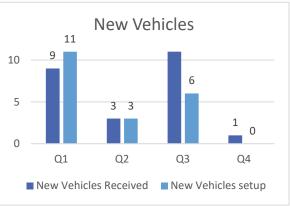
The 2024 budget has presented many new challenges as it relates to our daily operations. Fleet will be carefully monitoring and evaluating our expenses throughout the year. It is the intent to identify areas where reductions can be made without compromising the level of services provided. One area of focus is our fuel costs. Fleet intends on identifying all eligible vehicles for propane conversions. This results in a reduced fuel cost (currently at \$1.50/Gal) as well as reduced CO emissions.

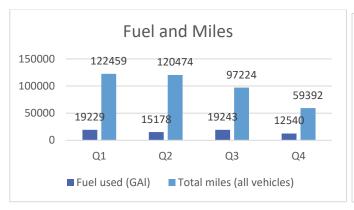
Metrics

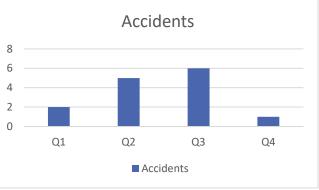
Work Orders by Work Type











Engineering

People

Total positions approved	18.5
Loss	0
Gains	0
Current Vacancies	1

Q4 Highlights

Grants:

SS4A Grant – The City will receive a \$300,000 federal grant through the U.S.
Department of Transportation's Safe Streets and Roads for All (SS4A) Grant
Program. This program is focused on the development or update of local
roadway safety plans by developing well-defined strategies to prevent roadway
fatalities and serious injuries. It will also identify and prioritize future projects to
help address roadway safety issues.

The City partnered with ten other agencies, including Puget Sound Regional Council (PSRC), on a \$2.87 million grant application. The City will be working closely with the agency to support the goal of reducing fatalities and serious injuries on roadways in the Puget Sound region.

 A Transportation Improvement Board (TIB) grant application was submitted for the SR104 Adaptive System project in August 2023. In November, TIB released their grant awards and the project did not score high enough to receive funding.

Contracts Awarded

December 2023

• **2024 Overlay Project** – Professional Services Agreement signed with CM Design for the 2024 Overlay Project- \$66,127 Contract

Training

December 2023

 Jenelle Ho, Associate Engineer, attended a Public Works Fundamentals course in Sequim, WA. The Engineering staff completed annual Title VI training in compliance with FHWA and WSDOT requirements to prohibit discrimination on our projects and programs.

Capital Projects

- Storm & Surface Water Comprehensive Plan
- A robust public engagement process was completed. This process included:
 - o Press releases,
 - Facebook and other social media
 - Traditional media postings,
 - Virtual workshops
 - Project survey, and.
 - An in-person event.



Feedback was achieved and used to refine project goals and develop an initial storm and surface water capital improvement plan that will be included in the Plan.

Flood Mitigation

Keep streets and private property dry to the maximum extent possible (Public health and safety & economic vitality).

Environmental Compliance

Comply with Ecology's Municipal Stormwater Permit and all other applicable environmental regulations.

Asset Management

Operate, maintain, and upgrade stormwater infrastructure in a cost-efficient manner.

Stormwater Retrofit Capital Projects

Improve existing infrastructure to reduce the impact of City stormwater flows on aquatic environments (On the Land).

Stream Habitat Improvements

Reconnect floodplains,
re-plant riparian
(streamside) corridor,
remove barrier culverts,
and improve in-stream
conditions. (In and adjacent
to the stream; City-owned
property only).

Additional information on this can be found the link below.

https://www.edmondswa.gov/cms/one.aspx?portalld=16495016&pageId=19792528

Citywide Bicycle Improvements/Elm Way Walkway Projects

This project is currently under suspension due to the weather. Construction will resume in early spring of 2024. The storm and roadway improvements on 228th ST SW from 78th PI W to 80th Ave, roadway work and pedestrian improvements along Bowdoin Way from 84th Ave W to 9th Ave S are complete. Work for the Citywide Bicycle Project will resume in early spring of 2024.



For the Elm Way Walkway Project, storm and roadway improvement work is 65% complete. Sidewalk and curb ramps are complete from 8th Ave S and Elm Way to Coronado Pl and Elm Way are complete. Restoration and striping will be completed in the spring of 2024.

7317 Lake Ballinger Property
 Purchase – Staff have been in negotiations with the property owner to acquire the property at 7317 Lake Ballinger Way. The purchase and sales agreement will be prepared in the first quarter of 2024 to complete the acquisition.



• 84th Ave Walkway (238th St – 234th St) -- A decision package requesting \$75,000 to fund up to 30% design of this project was approved by Council on 12/27/23. The completion of the 30% design is expected to take up to three months.

2023 Utility Replacement Project – Installation of sewer main on Maple St and



SR-104 was completed. Main St, Maple St, and SR-104 were repaved and striped. Due to inclement weather and material delays the completion of thermoplastic crosswalk bars and installation of Cured-in-place-pipe (CIPP) was postponed until Q1 of 2024.

 2024 Overlay Project – Design began in December on the overlay of approximately 3.5 lane-miles of City streets at various locations. The 2024 program is heavily focused on street segments in the Lake Ballinger and Maplewood neighborhoods. Additionally, several downtown streets will be paved after recent utility installations.

Private Development

- Through the quarter there was a high volume of Development related inquires over the phone, email, at the permit counter as well as in development review committee and pre-application meetings.
- The development team continued to assist prospective developers, homeowners, business owners, project design professionals and city staff with the information necessary to make development related decisions and move forward with project permitting and construction.

October 2023

 October brought the highest number of inspections performed in a month in 2023. On average 400 inspections are completed in a month and this past October staff recorded 465 inspections.

November 2023

Inspections totaled 394

December 2023

• The Engineering Development team (comprised of 5.5 FTE's) is down one staff person who is out on leave for several months. We expect to regain full staffing levels again the start of 2nd quarter 2024.

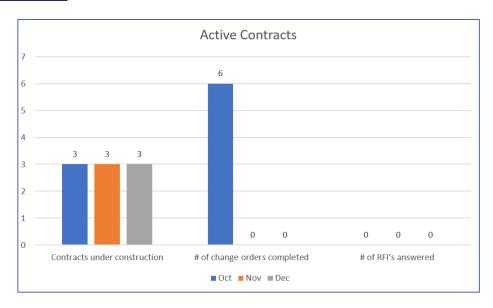
• December is always slower due to the weather changes and holidays, but things will quickly pick up again in 2024.

Metrics

Private Development



Construction





Engineering Project Status Reports

Public Works - Stormwater

PWD-01

Edmonds Marsh Water Quality Improvements (Phase 1)

Estimated Project Cost \$366,843

Expenditures to Date \$53,053

Estimated Construction Date Q2 2025

Estimated Completion Date Q3 2025

Project Manager Russell Lynch

Project Webpage



Project Description

The project will be improving water quality of stormwater runoff by replacing existing catch basins along the west side of SR-104, along the frontage of the Edmonds marsh. The catch basins will be replaced with catch basins that include water quality filter cartridges. Staff proposes this effort in order to provide water quality mitigation for all discharges that directly enter the marsh from these locations. The project will be divided into phases, with phase 1 replacing the catch basins on the west side of SR-104 and a future phase replacing the catch basins on the east side of SR-104.

Project Status

Preparation of Memorandum of Undertstanding between City and WSDOT is currently in progress. Preparation of Agreement between City and Department of Commerce to release appropriation funds is also currently in progress. The design consultant has also completed work on preliminary design of water quality treatment options.



Related Documents

City Council Actions

Design Contract Awarded 6/26/2023

Construction Contract Awarded

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Stormwater Utility Fund 422	\$152,836						\$152,836
ARPA Funds							
Secured Grants	\$214,007						\$214,007
Unsecured Grants							
Funding Source Total	\$366,843						\$366,843

Public Works - Stormwater

Perrinville Creek Flow Management Projects

PWD-03

Estimated Project Cost \$120,000

Expenditures to Date \$90,199

Estimated Construction Date Q3 2023

Estimated Completion Date Q4 2023

Project Manager Mike DeLilla

Project Webpage



Project Description

Reducing scouring flows to reduce sediments load in Perrinville Creek was identified in a previous basin report completed in 2015 as a critical element of restoring this creek which has been significantly impacted by urban development. The projects funded by this program are incremental steps toward recovering this stream run as adequate fish habitat. These efforts have become even more critical given recent challenges around the Perrinville Creek outfall area. This program is a fund for implementing projects within the Perrinville Creek basin to reduce scour flows in the creek. It allows staff flexibility to respond to ad-hoc opportunities such as rain garden cluster projects, or ensure matching funds are available for chasing grant applications for flow reductions projects.

Project Status

SnoCo Conservation District construction complete for Raingardens in Perrinville on 83rd ave W between 188th & 190th.



Related Documents

City Council Actions

Design Contract Awarded 3/16/2023

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Stormwater Utility Fund 422	\$120,000	\$100,000	\$100,000	\$100,000	\$100,000		\$520,000
ARPA Funds							
Secured Grants							
Unsecured Grants							
Funding Source Total	\$120,000	\$100,000	\$100,000	\$100,000	\$100,000		\$520,000

Public Works - Stormwater

Lower Perrinville Creek Restoration Project

PWD-04

Estimated Project Cost \$7,050,000

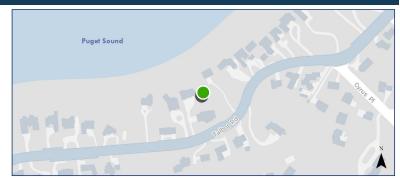
Expenditures to Date \$136,051

Estimated Construction Date TBD

Estimated Completion Date TBD

Project Manager Mike DeLilla

Project Webpage



Project Description

The purpose of this project is to improve the environmental health of the creek necessary to support fish habitat, and to restore the storm water capacity. The project consists of the modifications to three structures that currently prevent fish passage and are undersized for the flows on the creek, (1) the culvert at the BNSF track, remove and replace with a fish-friendly culvert or bridge with adequate flow capacity, (2) return flow to the creek between the diversion structure and the BNSF culvert by blocking the structure and restoring creek capacity and (3) culvert at Talbot Road, remove and replace with a fish-friendly culvert or bridge that provides adequate fish passage and storm water flow capacity. This project will increase the resiliency of the watershed by building the structures that mimic the natural channel performance necessary for fish habitat and stormwater flow capacity. The project also includes time and effort to research and apply for supplemental/additional funding sources for construction. Due to the project complexity and number of stakeholders, the planning and design phase is estimated to be 2-years.

Project Status

Construction easement negotiations with property owners & BNSF in progress. Preliminary stream alignment design in progress, coordination with DFW to extend the HPA for the diversions structure in progress and pursuing various grants to fund the City portion of the project. BNSF/Tribes pursuing RR culvert/bridge separately.



Related Documents

City Council Actions

Design Contract Awarded 6/16/2022

Construction Contract Awarded

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Stormwater Utility Fund 422	\$68,884	\$45,896	\$797,937	\$750,000			\$1,662,717
ARPA Funds	\$681,116	\$454,104	\$192,464				\$1,327,684
Secured Grants							
Unsecured Grants			\$1,809,599	\$2,250,000			\$4,059,599
Funding Source Total	\$750,000	\$500,000	\$2,800,000	\$3,000,000			\$7,050,000

Public Works - Stormwater

PWD-05

Seaview Infiltration Facility Phase 2

Estimated Project Cost \$742,000

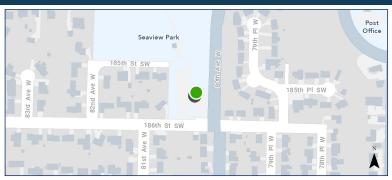
Expenditures to Date \$750,897

Estimated Construction Date Q4 2022

Estimated Completion Date Q2 2023

Project Manager Russell Lynch

Project Webpage



Project Description

Reducing scouring flows in order to reduce sediments load in Perrinville Creek was identified in a previous basin report completed in 2015 as a critical element of restoring this creek which has been significantly impacted by urban development. The project is an incremental step toward recovering this stream run as an adequate fish habitat. The grant for this project has already been secured. This project proposes construction of an infiltration system in Seaview Park, almost identical to the successful Phase 1 project which was completed in 2019, in order to infiltrate more runoff in the Perrinville Creek basin.

Project Status

Project closeout is in progress. The City secured a \$557,025 grant from the State of Washington Department of Ecology to help fund the \$415,643 construction contract amount.



Related Documents

City Council Actions

Design Contract Awarded 12/21/2020

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Carry Forward / Budget Amendments	\$367,045						\$367,045
Stormwater Utility Fund 422	\$2,500						\$2,500
ARPA Funds							
Secured Grants	\$7,500						\$7,500
Unsecured Grants							
Funding Source Total	\$377,045						\$377,045

Public Works - Stormwater

Phase 4 Storm Maintenance Project

PWD-11

Estimated Project Cost \$1,912,400

Expenditures to Date \$98,534

Estimated Construction Date Q2 2024

Estimated Completion Date Q4 2024

Project Manager Greg Malowicki

Project Webpage



Project Description

Annual storm drain replacement project for 2023 construction. Project proposes to replace or rehab storm drain infrastructure in several locations throughout the City. Location of work identified by City crews via first had knowledge or video inspection results. Much of Edmonds stormwater infrastructure is past its lifespan and requires routine replacement or repair in order to preserve the function of the storm drain system. Failure to conduct annual maintenance projects will increase chances of a storm drain system failure.

Project Status

Design nearly complete, 90% review underway. Project to be wrapped into 2024 Utility Replacement Proejct targeting March 2024 bid date.

Pre-Design

Final Design

Construction

Complete

Right of Way Status

N/A

Related Documents

City Council Actions

Design Contract Awarded

6/29/2023

Construction Contract Awarded

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Stormwater Utility Fund 422	\$290,000	\$1,622,400					\$1,912,400
ARPA Funds							
Secured Grants							
Unsecured Grants							
Funding Source Total	\$290,000	\$1,622,400					\$1,912,400

Public Works - Stormwater

Storm and Surface Water Comprehensive Plan

Estimated Project Cost \$733,000

Expenditures to Date \$250,726

Estimated Construction Date N/A

Estimated Completion Date Q4 2024

Project Manager Jerry Shuster

Project Webpage https://www.edmondswa.gov/c

Project Description

This project would be a comprehensive evaluation of the City's storm drain system and operations with recommendations for improvements or adjustments and recommended priorities for selecting future capital maintenance projects. No on-going cost are anticipated except to implement any recommended improvements or projects, which will be done as new capital projects with due budget planning/process.

Project Status

- Initial public engagement process completed.
- Draft project goals developed.
- Draft capital improvment plan for next seven years develped.



Related Documents

Stormwater Management Action Plan (SMAP) for Perrinville Creek

https://www.edmondswa.gov/UserFiles/Servers/Server_16494932/File/Perrinville%20Creek-SMAP_20230329%20FINAL.pdf https://cdnsm5-

hosted.civiclive.com/UserFiles/Servers/Server 16494932/File/Government/Departments/Public%20Works%20and%20Utilitie s/Stormwater%20Utility%20System/Storm%20and%20Surface%20Water/Final_2010_SWM_Comp_PLan_Text.pdf

City Council Actions

Design Contract Awarded

6/20/2023

Construction Contract Awarded

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Stormwater Utility Fund 422	\$600,000						\$600,000
Funding Source Total	\$600,000						\$600,000

Public Works - Stormwater 2023 SD Overlays

PWD-19

Estimated Project Cost \$200,000

Expenditures to Date \$116,398

Estimated Construction Date Q3 2023

Estimated Completion Date 10/30/23

Project Manager Ryan Hague

Project Webpage City Overlay



Project Description

Road pavement overlays to cover areas of roadways that were excavated and patched in previous years as part of the Annual Storm Maintenance Projects.

Project Status

Project is substantially complete.

Pre-Design Final Design

Construction

Complete

Right of Way Status

N/A

Related Documents

City Council Actions

Design Contract Awarded 12/16/2022

Construction Contract Awarded 8/15/2023 □ CT not awarded yet or not applicable

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Stormwater Utility Fund 422	\$200,000						\$200,000
ARPA Funds							
Secured Grants							
Unsecured Grants							
Funding Source Total	\$200,000						\$200,000

Public Works - Stormwater

PWD-22

7317 Lake Ballinger Way Purchase & Structure Removal

Estimated Project Cost \$750,000

Expenditures to Date \$51,088

Estimated Construction Date

Estimated Completion Date

Project Manager Russell Lynch

Project Webpage



Project Description

The project proposes to purchase an existing single family residential property located within the Lake Ballinger flood plain. The City secured a \$500,000 Department of Ecology grant to aid in this process. The home is the lowest property on the lake and is badly damaged from previous flooding to the point it is generally uninhabitable. It is also nearly undevelopable due to the flood plain and critical area regulations onsite.

The City intends to remove the home and any pollution generating surfaces from the site as part of the initial effort on the site. The grant has restrictions for allowing this parcel to be used for public use. After demolition of the structures and impervious surfaces, the planned site use would be for public utility benefit only. Because the City storm drain line for SR-104 cuts through in an easement immediately adjacent to this parcel, the City plans to pursue a future project to split appropriate flows from the City system and provide water quality treatment to the maximum extent feasible. The future project would provide water quality treatment for a very heavily trafficked highway (SR-104) and would make significant improvement in water quality to Lake Ballinger and its downstream course to Lake Washington via McAleer Creek.

Project Status

The City Attorney is preparing a purchase and sale agreement to acquire the property. The acquisition is anticipated to be completed in the first quarter of 2024.



Related Documents

City Council Actions

Design Contract Awarded

Construction Contract Awarded

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Stormwater Utility Fund 422	\$250,000						\$250,000
Secured Grants	\$500,000						\$500,000
Unsecured Grants							
Funding Source Total	\$750,000						\$750,000

Public Works - Stormwater

PWD-23

Perrinville Creek Basin Analysis Update

Estimated Project Cost TBD

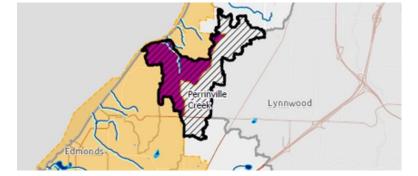
Expenditures to Date \$0

Estimated Construction Date N/A

Estimated Completion Date Q3 2024

Project Manager Mike DeLilla

Project Webpage



Project Description

Supplemental study to update Perrinville Creek 2015 basin analysis that determined possible locations for projects that would help decrease the peak storm flows during high rain events.

Project will be updated to reflect projects completed and also determine if there are other locations within the basin to aid in the reduction of peak flows in the basin.

Project Status

Update to 2015 Perrinville Flow Reduction Study Analysis. RFQ to hire consultant will be advertised Q3 2023. Have received notice from DOE that we will be receiving a \$469,200 grant that will be available for this projects. Proceeds will be shared with the City of Lynnwood so that this can be reviewed basin wide. Interlocal Agreement being drafted between Lynnwood and Edmonds. RFQ for the study to be published Q4 2023.



Related Documents

City Council Actions

Design Contract Awarded

Construction Contract Awarded

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Stormwater Utility Fund 422	\$150,000						\$150,000
ARPA Funds							
Secured Grants							
Unsecured Grants							
Funding Source Total	\$150,000						\$150,000

Public Works - Sewer

Phase 9 Sewer Replacement (2022)

PWS-01

Estimated Project Cost \$2,344,000

Expenditures to Date \$1,970,583

Estimated Construction Date Q2 2022

Estimated Completion Date 10/26/23

Project Manager Greg Malowicki

Project Webpage



Project Description

Per the approved 2013 Sewer Comprehensive Plan, the project will replace pipe and related appurtenances at various locations throughout the City due to old age, being undersized, need to increase capacity, or more prone to breakage due to its material properties.

Project Status

Project has reached substantial completion. Remaining punchlist work items issued to contractor. Awaiting CIPP subcontractor to finish punchlist and issue final payment.

Pre-Design Final Design Construction Complete Right of Way Status

Related Documents

City Council Actions

Design Contract Awarded 3/9/2021

Construction Contract Awarded 5/25/2022 □ CT not awarded yet or not applicable

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Carry Forward / Budget Amendments	\$650,000						\$650,000
Sewer Fund 423	\$30,000						\$30,000
Funding Source Total	\$680,000						\$680,000

Public Works - Sewer

Phase 10 Sewer Replacement (2023)

PWS-02

Estimated Project Cost \$2,018,700

Expenditures to Date \$1,381,813

Estimated Construction Date Q2 2023

Estimated Completion Date 2/9/24

Project Manager Greg Malowicki

Project Webpage 2023 Utility Replacement



Project Description

Per the approved 2013 Sewer Comprehensive Plan, the project will replace pipe and related appurtenances at various locations throughout the City due to old age, being undersized, need to increase capacity, or more prone to breakage due to its material properties.

Project Status

All sewer main and site restoration complete. Waiting for warm and dry weather to complete final thermoplastic pavement marking installation.



Related Documents

City Council Actions

Design Contract Awarded 3/22/2022

Construction Contract Awarded 4/26/2023 □ CT not awarded yet or not applicable

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Sewer Fund 423	\$1,689,212						\$1,689,212
Funding Source Total	\$1,689,212						\$1,689,212

Public Works - Sewer

Phase 11 Sewer Replacement (2024)

PWS-03

Estimated Project Cost \$2,314,297

Expenditures to Date \$118,600

Estimated Construction Date Q2 2024

Estimated Completion Date Q4 2024

Project Manager Greg Malowicki

Project Webpage



Project Description

Per the approved 2013 Sewer Comprehensive Plan, the project will replace pipe and related appurtenances at various locations throughout the City due to old age, being undersized, need to increase capacity, or more prone to breakage due to its material properties.

Project Status

90% design and review completed. Project to be combined with other utilites projects into the 2024 Utility Replacement Proejct.



Related Documents

City Council Actions

Design Contract Awarded 4/20/2023

Construction Contract Awarded

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Sewer Fund 423	\$349,517	\$1,964,780					\$2,314,297
Funding Source Total	\$349,517	\$1,964,780					\$2,314,297

Public Works - Sewer

Citywide CIPP Sewer Rehabilitation Phase 3

PWS-12

Estimated Project Cost \$423,710

Expenditures to Date \$23,090

Estimated Construction Date Q2 2023

Estimated Completion Date 2/9/24

Project Manager Greg Malowicki

Project Webpage 2023 Utility Replacement



Project Description

Per the approved 2013 Sewer Comprehensive plan and current video inspections of sewer mains, the project will line existing sewer mains that are subject root intrusion, infiltration and inflow, and damage that can be repaired by this trenchless method.

Project Status

Due to material delays the construction has been put on hold until January 2024.

Pre-Design Final Design Construction Complete

Right of Way Status

N/A

Related Documents

City Council Actions

Design Contract Awarded 8/10/2021

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Sewer Fund 423	\$423,710						\$423,710
Funding Source Total	\$423,710						\$423,710

Public Works - Sewer

2023 Sanitary Sewer Replacement Overlays

PWS-14

Estimated Project Cost \$200,000

Expenditures to Date \$160,496

Estimated Construction Date Q3 2023

Estimated Completion Date 10/30/23

Project Manager Ryan Hague

Project Webpage City Overlay



Project Description

Road pavement overlays to cover areas of roadways that were excavated and patched in previous years as part of the Sanitary Sewer Replacement Projects.

Project Status

Project is substantially complete.

Pre-Design

Final Design

Construction

Complete

Right of Way Status

N/A

Related Documents

City Council Actions

Design Contract Awarded 12/16/2022

Construction Contract Awarded 8/15/2023 □ CT not awarded yet or not applicable

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Sewer Fund 423	\$200,000						\$200,000
Funding Source Total	\$200,000						\$200,000

Public Works - Transportation

Annual Street Preservation Program

Estimated Project Cost \$1,126,000 (2023)

Expenditures to Date \$491,698

Estimated Construction Date Q3 2023

Estimated Completion Date 10/30/23

Project Manager Ryan Hague

Project Webpage City Overlay

Project Description

Annual pavement preservation program to maintain City streets.

Project Status

Project is substantially complete.

Pre-Design

Final Design

Construction

Complete

Right of Way Status

N/A

Related Documents

City Council Actions

Design Contract Awarded 12/16/2022

Construction Contract Awarded 8/15/2023 □ CT not awarded yet or not applicable

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Carry Forward / Budget Amendments	\$126,000						\$126,000
Street Fund 112 - Gas Tax & Multi-modal				\$150,000	\$150,000	\$150,000	\$450,000
REET Fund 125	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$3,000,000
REET Fund 126	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$3,000,000
Transportation Impact Fees							
General Fund		\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
Stormwater Utility Fund 422							
Federal Grants							
State Grants							
Unsecured Funding							
Funding Source Total	\$1,126,000	\$1,500,000	\$1,500,000	\$1,650,000	\$1,650,000	\$1,650,000	\$9,076,000

Public Works - Transportation

PWT-03

76th Ave W Overlay - 196th St SW to Olympic View Dr

Estimated Project Cost \$2,583,000

Expenditures to Date \$2,442,228

Estimated Construction Date Q3 2022

Estimated Completion Date 6/1/23

Project Manager Ryan Hague

Project Webpage City Overlay



Project Description

Pavement overlay of 76th Ave. W from 196th St. SW to Olympic View Dr. with pedestrian curb ramp upgrades and addition of a bike lane for the northbound movement. This is a joint project funded by the Cities of Edmonds and Lynnwood, since the west half of the street is in the City of Edmonds and the east half is in the City of Lynnwood.

Project Status

Construction is Substantially Complete

Pre-Design Final Design Construction Complete Right of Way Status

Related Documents

City Council Actions

Design Contract Awarded 4/29/2021

Construction Contract Awarded 7/26/2022 ☐ CT not awarded yet or not applicable

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Carry Forward / Budget Amendments	\$1,613,415						\$1,613,415
Street Fund 112 - Gas Tax & Multi-moda	al						
REET Fund 125							
REET Fund 126	\$3,315						\$3,315
Transportation Impact Fees							
General Fund							
Stormwater Utility Fund 422							
Federal Grants							
State Grants	\$11,685						\$11,685
Other							
Unsecured Funding							
Funding Source Total	\$1,628,415						\$1,628,415

Public Works - Transportation

Main St Overlay from 6th Ave to 8th Ave

Estimated Project Cost \$1,200,000

Expenditures to Date \$44,875

Estimated Construction Date Q3 2024

Estimated Completion Date Q3 2024

Project Manager Ryan Hague

Project Webpage



Project Description

Pavement overlay along Main St. from 6th Ave. to 8th Ave. with pedestrian curb ramps upgrades and eastbound bike lane. The project will be funded with a federal grant (funds available in 2023) and City funds for a local match.

Project Status

Design is ongoing and the project to advertise for bids in May 2024



Related Documents

City Council Actions

Design Contract Awarded 6/26/2023

Construction Contract Awarded

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Street Fund 112 - Gas Tax & Multi-modal							
REET Fund 125	\$31,400	\$156,000					\$187,400
REET Fund 126							
Transportation Impact Fees							
General Fund							
Stormwater Utility Fund 422							
Federal Grants	\$125,600	\$624,500					\$750,100
State Grants							
Unsecured Funding							
Funding Source Total	\$157,000	\$780,500					\$937,500

Public Works - Transportation

PWT-09

Hwy 99 Revitalization & Gateway Project - Stage 2

Estimated Project Cost \$9,891,000

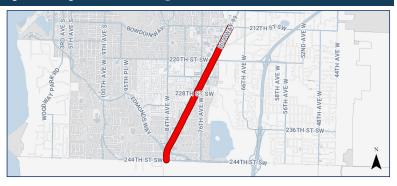
Expenditures to Date \$9,069,005

Estimated Construction Date Q2 2022

Estimated Completion Date 07/31/2024

Project Manager Jaime Hawkins

Project Webpage Highway 99 - Stage 2



Project Description

Installation of raised landscaped median along Highway 99 corridor from 244th St. SW to 212th St. SW, addition of "Gateway" signage on both ends of the corridor, and a new pedestrian HAWK signal just north of 234th St. SW. The project is funded from state funds provided by the Connecting Washington Transportation program, as well as REET funds.

Project Status

Project is substantially complete. All contract work is complete to date, except the one year plant establishment. The plant establishment will be completed by end of July 2024.



Related Documents

City Council Actions

Design Contract Awarded 7/21/2020

Construction Contract Awarded 5/3/2022 □ CT not awarded yet or not applicable

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Carry Forward / Budget Amendment	\$2,820,000						\$2,820,000
REET Fund 125							
REET Fund 126	\$81,000						\$81,000
Transportation Impact Fees							
General Fund							
Stormwater Utility Fund 422							
Federal Grants							
State Grants	\$2,565,000						\$2,565,000
Unsecured Funding							
Funding Source Total	\$5,466,000						\$5,466,000

Public Works - Transportation

PWT-10

Hwy 99 Revitalization & Gateway Project - Stage 3

Estimated Project Cost \$32,870,000

Expenditures to Date \$533,385

Estimated Construction Date Q1 2028

Estimated Completion Date Q4 2029

Project Manager Bertrand Hauss

Project Webpage https://www.edmondswa.gov/h



Project Description

The Stage 3 Highway 99 project limits are from 244th St SW to 238th St. SW. The project will add a planter strip on both sides of the street, new street lighting, improved stormwater facilities, targeted utility replacements, potential undergrounding of overhead utilities, landscaping and other softscape treatments. The Design and right of way phases are funded through secured Connecting Washington funds.

Project Status

The 30% Design Plans and Estimates were submitted in January 2024 for City review. Stormwater, water quality, environmental / BA requirements are still being discussed based on City of Edmonds Code and up-coming DOE revisions.



Related Documents

City Council Actions

Design Contract Awarded 6/1/2022

Construction Contract Awarded

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Street Fund 112 - Gas Tax & Multi-moda							
REET Fund 125							
REET Fund 126							
Transportation Impact Fees							
General Fund							
Water Utility Fund 421		\$20,000	\$20,000	\$135,000	\$100,000		\$275,000
Stormwater Utility Fund 422							
Sewer Utility Fund 423		\$10,000	\$10,000	\$10,000	\$30,000		\$60,000
Federal Grants							
State Grants	\$2,010,000	\$2,578,000	\$1,470,000	\$14,765,000	\$6,381,000		\$27,204,000
Unsecured Funding					\$5,241,000		\$5,241,000
Funding Source Total	\$2,010,000	\$2,608,000	\$1,500,000	\$14,910,000	\$11,752,000		\$32,780,000

Public Works - Transportation

Hwy 99 Revitalization & Gateway Project - Stage 4

PWT-11

Estimated Project Cost \$42,534,000

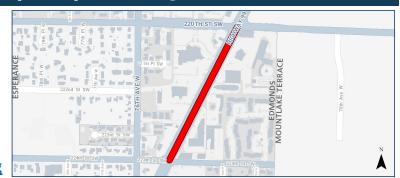
Expenditures to Date \$501,911

Estimated Construction Date 01 2028

Estimated Completion Date Q4 2029

Project Manager Bertrand Hauss

Project Webpage https://www.edmondswa.gov/g



Project Description

The Stage 4 Highway 99 project limits are from 224th St SW to approximately 500 feet north of 220th St. SW. The project will add a planter strip on both sides of the street, new street lighting, improved stormwater facilities, targeted utility replacements, potential undergrounding of overhead utilities, landscaping and other softscape treatments. The intersection of Highway 99 and 220th St. will be widened to add capacity and improve the level of service. The Design and right of way phases are funded through secured Connecting Washington funds, a federal grant and local traffic impact fees.

Project Status

The 30% Design Plan and Estimates were submitted in January 2024 for City review. Stormwater, water quality, environmental / BArequirements are being determined based on Edmonds City Code and up-coming DOE revisions.



Related Documents

City Council Actions

Design Contract Awarded 6/1/2022

Construction Contract Awarded

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Street Fund 112 - Gas Tax & Multi-modal			<u> </u>				
REET Fund 125							
REET Fund 126			\$704,000	\$565,000			\$1,269,000
Transportation Impact Fees	\$365,000	\$269,000	\$1,917,000	\$727,000			\$3,278,000
Water Utility Fund 421		\$40,000	\$40,000		\$300,000	\$300,000	\$680,000
Stormwater Utility Fund 422							
Sewer Utility Fund 423		\$20,000	\$20,000		\$150,000	\$150,000	\$340,000
Federal Grants	\$375,000	\$1,284,000	\$1,523,400	\$970,000			\$4,152,400
State Grants		\$1,087,000	\$143,600				\$1,230,600
Unsecured Funding					\$15,984,000	\$15,550,000	\$31,534,000
Funding Source Total	\$740,000	\$2,700,000	\$4,348,000	\$2,262,000	\$16,434,000	\$16,000,000	\$42,484,000

Public Works - Transportation

PWT-19

76th Ave W @ 220th St SW - Intersection Improvements

Estimated Project Cost \$9,000,000

Expenditures to Date \$587,387

Estimated Construction Date Q1 2027

Estimated Completion Date Q4 2027

Project Manager Bertrand Hauss

Project Webpage 76th @ 220th Intersection



Project Description

Reconfigure eastbound lanes to a left turn lane and through / right turn lane. Add eastbound and westbound dedicated left turn lanes with a protected-permitted phase. Provide right turn overlap for westbound movement during southbound left turn phase. (Additional improvements include wider sidewalk, bike lanes, and various utility improvements (including potential conversion overhead utility lines to underground). ROADWAY PROJECT PRIORITY #1 in 2015 Transportation Plan

Project Status

Progress was made on the 60% PS&E. Those documents are scheduled to be submitted to the City in January 2024. Progress was also made on the Environmental and BA documents and the DRAFTS are scheduled to be submitted to WSDOT in Q1 2024.

Pre-Design Construction Complete

Right of Way Status

0%

Related Documents

City Council Actions

Design Contract Awarded 6/3/2021

Construction Contract Awarded

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Street Fund 112 - Gas Tax & Multi-modal							
REET Fund 125							
REET Fund 126		\$316,000					\$316,000
Transportation Impact Fees	\$308,500	\$108,000	\$181,000				\$597,500
General Fund							
Stormwater Utility Fund 422							
Water Utility Fund 421	\$30,000	\$30,000	\$7,000	\$500,000			\$567,000
Federal Grants	\$372,750	\$346,000	\$274,750				\$993,500
State Grants							
Unsecured Funding				\$6,173,000			\$6,173,000
Funding Source Total	\$711,250	\$800,000	\$462,750	\$6,673,000			\$8,647,000

Public Works - Transportation

SR-104 Adaptive System - 236th to 226th

Estimated Project Cost \$4,400,000

Expenditures to Date \$208,754

Estimated Construction Date TBD

Estimated Completion Date TBD

Project Manager Bertrand Hauss

Project Webpage

Algorique (22 dn. S. S.W) 22 dn. S. S.W) 22 dn. S. S.W 22 dn. S. S.W

Project Description

Installation of an Adaptive System along SR-104 from 236th St. SW to 226th St. SW (total of five traffic signals along this stretch / spaced ~ ¼ mile from each other). No signal communication currently exists between any of the existing traffic signals. (SR-104 @ 236th St. SW, SR-104 @ 232nd St. SW, SR-104 @ 95th Pl. W, SR-104 @ 100th Ave. W, and SR-104 @ 226th St. SW). Possible future addition to this project may include addition of a traffic management center (TMC) at the Public Works Facility and connection of the Adaptive System to the TMC.

Project Status

The 30% plans were submitted to the City. The City will continue to pursue future grant opportunities for the Construction Phase.



Related Documents

City Council Actions

Design Contract Awarded 6/29/2022

Construction Contract Awarded

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Street Fund 112 - Gas Tax & Multi-moda					<u> </u>		
REET Fund 125	\$32,865						\$32,865
REET Fund 126							
Transportation Impact Fees							
General Fund							
Stormwater Utility Fund 422							
Federal Grants	\$210,575						\$210,575
State Grants							
Unsecured Funding			\$1,984,000				\$1,984,000
Funding Source Total	\$243,440		\$1,984,000				\$2,227,440

Public Works - Transportation

PWT-32

84th Ave W Walkway from 238th St SW to 234th St SW

Estimated Project Cost \$1,160,000

Expenditures to Date \$4,742

Estimated Construction Date TBD

Estimated Completion Date TBD

Project Manager Russell Lynch

Project Webpage



Project Description

Install sidewalk along 84th Ave. W from 238th St .SW to 234th St. SW, with curb and gutter. This project ranked #5 in the Long Walkway List of the 2015 Transportation Plan.

Project Status

After the project had been suspended during Fall 2023, a 2024 budget decision package requesting \$75,000 for up to 30% design was approved by Council on 12/27/23. Preliminary design to begin in January 2024.



Related Documents

City Council Actions

Design Contract Awarded

Construction Contract Awarded

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Street Fund 112 - Gas Tax & Multi-modal							
REET Fund 125							
REET Fund 126							
Transportation Impact Fees							
General Fund							
Stormwater Utility Fund 422							
ARPA Funds	\$160,000						\$160,000
Federal Grants							
State Grants							
Unsecured Funding		\$1,000,000					\$1,000,000
Funding Source Total	\$160,000	\$1,000,000					\$1,160,000

Public Works - Transportation

Citywide Bicycle Improvements Project

Estimated Project Cost \$2,234,000

Expenditures to Date \$866,423

Estimated Construction Date 8/7/2023

Estimated Completion Date 11/21/2023

Project Manager Jaime Hawkins

Project Webpage Citywide Bike

Project Description

Installation of bike lanes or sharrows along various street segments as identified on the Proposed Bike Facilities map of 2015 Transportation Plan. Bike lanes or sharrows will be added along 100th St. SW / 9th Ave. from 244th St. SW to Walnut St, Bowdoin Way from 9th Ave. to 84th Av., 228th St. SW from 80th Ave. to 78th Ave., and 80th Ave. from 228th St. SW to 220th St. SW. RRFB's will be added at various crossings along the Bowdoin and 9th Ave. / 100th St. SW corridors.

Project Status

This project is currently under suspension due to weather. Construction will resume in early spring of 2024. The storm and roadway imporvements on 228th ST SW from 78th PI W to 80th Ave, roadway work and pedestrian improvements along Bowdoin Way from 84th Ave W to 9th Ave S are and along 9th Ave S/100th Ave from Walnut ST to 3rd Ave S (Firdale) is 81% complete. Work will resume in early spring of 2024.



Related Documents

Parking and Traffic Report -

https://www.edmondswa.gov/UserFiles/Servers/Server_16494932/File/Government/Departments/Public%20Works%20and %20Utilities/Citywide%20Bicycle%20Improvements/Citywide%20Bicycle%20Improvements%20Parking%20and%20Operation s%20Report%2020210119.pdf

City Council Actions

Design Contract Awarded 11/4/2020

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Street Fund 112 - Gas Tax & Multi-m	odal						
REET Fund 125	\$522,347						\$522,347
REET Fund 126							
Transportation Impact Fees							
General Fund							
Stormwater Utility Fund 422							
Federal Grants							
State Grants							
Other (Sound Transit Grant)	\$1,249,500						\$1,249,500
Funding Source Total	\$1,771,847						\$1,771,847

Public Works - Transportation

Traffic Calming Program

Estimated Project Cost \$33,130

Expenditures to Date \$69,588

Estimated Construction Date Q4 2023

Estimated Completion Date Q1 2024

Project Manager Bertrand Hauss

Project Webpage Traffic Calming

Project Description

Install traffic calming devices (such as Radar Feedback signs, speed cushions, or other elements).

Project Status

The evaluation was completed and the top (2) stretches from all submittals were determined (Olympic View Dr. from Olympic Ave. to High St. and 8th Ave. S from Elm Way to 15th St. SW). The Mayor allocated additional funding to this program in 2023 (\$40,000). Speed tables will be installed along both stretches in Q1 2024.

Pre-Design Final Design Construction Complete

Right of Way Status

N/A

Related Documents

City Council Actions

Design Contract Awarded

Construction Contract Awarded

✓ CT not awarded yet or not applicable

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Carry Forward / Budget Amendments	\$30,000						\$30,000
Street Fund 112 - Gas Tax & Multi-modal							
REET Fund 125							
REET Fund 126	\$33,130	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$123,130
Transportation Impact Fees							
General Fund							
Stormwater Utility Fund 422							
Federal Grants							
State Grants							
Unsecured Funding							
Funding Source Total	\$63,130	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$153,130

PWT-52

Public Works - Transportation

Transportation Plan Update

Estimated Project Cost \$425,000

Expenditures to Date \$145,367

Estimated Construction Date n/a

Estimated Completion Date Q4 2024

Project Manager Bertrand Hauss

Project Webpage https://www.edmondswa.gov/g



Project Description

Update the City's long range transportation plan.

Project Status

All the existing conditions have been laid out and the modeling calibration is close to being completed. Modeling results of the future conditions will be determined once the forecasted land use throughout the City is provided. Several Citizen Transportation Committee meetings took place. Discussions regarding Multimodal LOS have begun.



Related Documents

City Council Actions

Design Contract Awarded 5/20/2023

Construction Contract Awarded

✓ CT not awarded yet or not applicable

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Street Fund 112 - Gas Tax & Multi-modal	\$170,000	\$255,000					\$425,000
REET Fund 125							
REET Fund 126							
Transportation Impact Fees							
General Fund							
Stormwater Utility Fund 422							
Federal Grants							
State Grants							
Unsecured Funding							
Funding Source Total	\$170,000	\$255,000					\$425,000

PWT-54

Public Works - Transportation

PWT-55

Elm Way Walkway from 8th Ave. S to 9th Ave. S

Estimated Project Cost \$1,032,000

Expenditures to Date \$176,154

Estimated Construction Date 8/7/2023

Estimated Completion Date 11/21/2023

Project Manager Jaime Hawkins

Project Webpage Citywide Bike



Project Description

The walkway project is ranked #6 on the short walkway list from the 2015 Transportation Plan. The project will install approximately 700 feet of new sidewalk, six pedestrian curb ramps and modify the existing stormwater system on Elm Way between 8th Ave. S and 9th Ave. S.

Project Status

This project is currently under suspension due to weather. Construction will resume in early spring of 2024. The storm and roadway improvement work is 65%. Sidewalk and curb ramps are complete from 8th Ave S and Elm Way to Coronado Pl and Elm Way. Complete, restoration and striping will be completed in the spring of 2024.



Related Documents

City Council Actions

Design Contract Awarded 5/26/2021

Construction Contract Awarded 6/27/2023 ☐ CT not awarded yet or not applicable

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Street Fund 112 - Gas Tax & Multi-modal							
REET Fund 125							
REET Fund 126	\$552,047						\$552,047
Transportation Impact Fees							
General Fund							
Stormwater Utility Fund 422	\$349,927						\$349,927
Federal Grants							
State Grants							
Unsecured Funding							
Funding Source Total	\$901,974						\$901,974

Public Works - Transportation

2023 Traffic Signal Upgrades

Estimated Project Cost \$30,280

Expenditures to Date \$18,618

Estimated Construction Date Q3 2023

Estimated Completion Date Q2 2024

Project Manager Bertrand Hauss

Project Webpage

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Project Description

Upgrade traffic signal equipment at selected signalized intersections with new equipment within signal cabinet, new vehicular detection, new vehicle heads, and/or new pedestrian heads.

Project Status

The units for the addition of left turn phasing for the SR-104 movements at SR-104 @ 236th St. SW were purchased in 2023. The construction phase is scheduled to be completed in 2024.



Related Documents

City Council Actions

Design Contract Awarded

Construction Contract Awarded

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Street Fund 112 - Gas Tax & Multi-modal							
REET Fund 125	\$30,280						\$30,280
REET Fund 126							
Transportation Impact Fees							
General Fund							
Stormwater Utility Fund 422							
Federal Grants							
State Grants							
Unsecured Grants							
Funding Source Total	\$30,280						\$30,280

Public Works - Transportation

2023 Pedestrian Safety Program

Estimated Project Cost \$80,780

Expenditures to Date \$105,666

Estimated Construction Date Q3 2023

Estimated Completion Date Q1 2024

Project Manager Bertrand Hauss

Project Webpage https://www.policecareers.edm



Project Description

Addition of Rectangular Rapid Flashing Beacons (RRFB) and/or flashing LED lights around regulatory signs at selected locations throughout the City. This project will also be adding striping and signage.

Project Status

The anchors were installed for the (2) remaining locations where RRFB's will be installed (5th Ave. @ Howell Way and 5th Ave. S @ Pine St.). The units will be installed in Q1 2024. School zone flashing beacons were installed at Edmonds-Woodway High School (all approaches).



Related Documents

City Council Actions

Design Contract Awarded

Construction Contract Awarded

✓ CT not awarded yet or not applicable

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Street Fund 112 - Gas Tax & Multi-modal							
REET Fund 125	\$80,780						\$80,780
REET Fund 126							
Transportation Impact Fees							
General Fund							
Stormwater Utility Fund 422							
Federal Grants							
State Grants							
Unsecured Grants							
Funding Source Total	\$80,780						\$80,780

PWT-60

Public Works - Transportation Citywide Lighting Study

PWT-62

Estimated Project Cost \$60,000

Expenditures to Date \$17,165

Estimated Construction Date N/A

Estimated Completion Date Q1 2024

Project Manager Russell Lynch

Project Webpage

Project Description

The study will evaluate and inventory the City's existing street lighting system and identify gaps in service. The study will also develop a priority list of improvements and cost estimates, standard details for street and pedestrian lighting and policies for the addition of street lights on private developments and addition of street lights within residential neighborhoods.

Project Status

The lighting evaluation results are expected to be submitted by consultant by the end of February 2024.



Related Documents

City Council Actions

Design Contract Awarded 8/16/2023

Construction Contract Awarded

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Street Fund 112 - Gas Tax & Multi-modal							
REET Fund 125	\$60,000						\$60,000
REET Fund 126							
Transportation Impact Fees							
General Fund							
Stormwater Utility Fund 422							
Federal Grants							
State Grants							
Unsecured Grants							
Funding Source Total	\$60,000						\$60,000

Public Works - Transportation

2023 Guardrail Program

Estimated Project Cost \$20,190

Expenditures to Date \$4,564

Estimated Construction Date Q3 2023

Estimated Completion Date Q4 2023

Project Manager Bertrand Hauss

Project Webpage

Project Description

Install guardrails along selected stretches throughout the City with steep drop-offs and other safety issues.

Project Status

The guardrail installation along 203rd St. SW was completed.

Pre-Design Final Design Construction Complete Right of Way Status

Related Documents

City Council Actions

Design Contract Awarded

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Street Fund 112 - Gas Tax & Multi-modal	·			<u> </u>			
REET Fund 125	\$20,190						\$20,190
REET Fund 126							
Transportation Impact Fees							
General Fund							
Stormwater Utility Fund 422							
Federal Grants							
State Grants							
Unsecured Grants							
Funding Source Total	\$20,190						\$20,190

PWT-63

Public Works - Water

Phase 13 Annual Replacement Program (2023)

Estimated Project Cost \$2,122,100

Expenditures to Date \$2,166,266

Estimated Construction Date Q2 2023

Estimated Completion Date 2/9/24

Project Manager Greg Malowicki

Project Webpage 2023 Utility Replacement



Project Description

Per the approved 2017 Water Comprehensive Plan, the project will replace/maintain pipe and related appurtenances at various locations throughout the City due to old age, being undersized, need to increase flow or pressure, or more prone to breakage due to its material properties.

Project Status

Project substantially complete. Awaiting warm and dry weather to complete thermoplastic pavement marking installation.

Right of Way Status Construction Pre-Design Final Design Complete N/A

Related Documents

City Council Actions

Design Contract Awarded 2/4/2022

Construction Contract Awarded 4/26/2023 ☐ CT not awarded yet or not applicable

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Water Fund 421	\$1,700,000						\$1,700,000
Funding Source Total	\$1,700,000						\$1,700,000

Public Works - Water

Phase 14 Annual Replacement Program (2024)

PWW-03

Estimated Project Cost \$4,031,507

Expenditures to Date \$126,724

Estimated Construction Date Q2 2024

Estimated Completion Date Q4 2024

Project Manager Greg Malowicki

Project Webpage



Project Description

Per the approved 2017 Water Comprehensive Plan, the project will replace/maintain pipe and related appurtenances at various locations throughout the City due to old age, being undersized, need to increase flow or pressure, or more prone to breakage due to its material properties.

Project Status

90% design and review completed. Project to be combined with other utilites projects into the 2024 Utility Replacement Proejct.

Pre-Design Final Design Construction Complete Right of Way Status

Related Documents

City Council Actions

Design Contract Awarded 3/29/2023

Construction Contract Awarded

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Water Fund 421	\$506,128	\$3,525,379					\$4,031,507
Funding Source Total	\$506,128	\$3,525,379					\$4,031,507

Public Works - Water

2023 Waterline Replacement Overlays

PWW-10

Estimated Project Cost \$50,000

Expenditures to Date \$41,150

Estimated Construction Date Q3 2023

Estimated Completion Date 10/30/23

Project Manager Ryan Hague

Project Webpage 2023 Utility Replacement



Project Description

Road pavement overlays to cover areas of roadways that were excavated and patched in previous years as part of the Waterline Replacement Projects.

Project Status

Project is substantially complete.

Pre-Design Final Design Construction Complete Right of Way Status

Related Documents

City Council Actions

Design Contract Awarded 12/16/2022

Construction Contract Awarded 8/15/2023 □ CT not awarded yet or not applicable

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Water Fund 421	\$50,000						\$50,000
Funding Source Total	\$50,000						\$50,000

Public Works - Water

Yost & Seaview Reservoir Repairs & Upgrades

PWW-1

Estimated Project Cost \$9,600,000

Expenditures to Date \$237,867

Estimated Construction Date Q3 2025

Estimated Completion Date Q4 2026

Project Manager Greg Malowicki

Project Webpage



Project Description

This work is being done to provide structural upgrades, repair leakages, and upgrades to our two underground potable water storage reservoirs. Preliminary findings completed in early 2022 were used to determine order of magnitude/preliminary costs and next steps for the now planned repairs and upgrades project. Preliminary report for the Yost Reservoir, which is complete, shows that it will need a major structural and seismic retrofit, plus repairs to address leakage from the reservoir. Preliminary report for the Seaview Reservoir, which is in the process of being finalized, shows similar issues as the Yost Reservoir, but to a somewhat lesser scale.

Project Status

30% Design completed and reviewed. Awaiting 60% design from consultant.



Related Documents

City Council Actions

Design Contract Awarded 6/23/2022

Construction Contract Awarded

Project Funding	2023	2024	2025	2026	2027	2028	23-28 Total
Water Fund 421	\$805,000						\$805,000
Funding Source Total	\$805,000						\$805,000