

AURORA WATER CAPITAL PROJECTS UPDATE
DECEMBER 2023

PROJECTS UNDER CONSTRUCTION

Listed by Ward(s) in which construction is occurring. "All" indicates the project benefits the entire system specified and work may be occurring outside the city limits.

	WARD	PROJECT NAME	DESCRIPTION	LOCATION	UTILITY	STATUS
1.	I	Sand Creek Water Reuse Facility Rehabilitation and Improvements	This project involves addressing high groundwater around the secondary clarifiers, rehabilitation of the second clarifiers, repurposing a generator and a unit process evaluation.	The work is located at the Sand Creek Water Reuse Facility.	Wastewater	The plant continues to ramp down production of reuse water for the season. Work includes: 1. Phased clarifier shutdowns, cleaning, painting and equipment installation; 2.Main plant electric breaker replacement and generator commissioning; 3. Phased blower demolition. Next month, there will be a switch over to the first upgraded secondary clarifier and first new blower. Once those new facilities are online and functional, the second clarifier and blower will be brought down for replacement. Substantial completion is anticipated for mid-March.
2.	I, II	SC10 and SC11 Sanitary Sewer Upgrades Project	The project includes two of the identified "priority" capital improvement programs from the 2017 Wastewater Management Plan. The work includes replacing the existing manholes and sanitary sewer line with larger capacity pipes to meet existing and future needs.	Work will be completed from I-225 and East Colfax Avenue to the High Line Canal Trail.	Wastewater	Council approval and contracting was completed. The Notice to Proceed was issued. Aurora Real Property and the contractor are continuing to work on securing permanent and temporary easements for the project over the next eight months. Aurora Water is working on the License Agreement and Memorandum of Understanding (MOU) for the alignment along the Highline Canal. The pilot planting garden along the Highline Canal will be completed as a separate standalone project. Construction mobilization is planned for August.
3.	I, V	SC2 and SC5 Sanitary Sewer Upgrades Project	This project includes two of the identified priority capital improvement programs from the 2017 Wastewater Management Plan. The work includes replacing the existing manholes and sanitary sewer line with larger capacity pipes to meet existing and future system needs.	Construction in Ward 1 will be located near Havana Street, from East Colfax Avenue to Jamaica Street. In Ward 5, construction will occur on East Quincy Avenue, near Smoky Hill Road, and on South Ouray Way.	Wastewater	The SC2 sanitary project is delayed with a remobilization in early summer. Because groundwater levels are unseasonably high, there is an increased constructability risk for open trench construction with wet soils.
4.	II	Buckley Space Force Base Vault Relocation	The city is adding an additional turn lane on East Mississippi Avenue into Buckley Air Force Base (BAFB) resulting in the need to relocate an existing meter vault and the associated SCADA panel.	Construction will occur at East Mississippi Avenue and Aspen Street.	Water	The contractor is working on a solution to repair leaks in the vault. The flow transmitter panel is ready and will be installed with a site activation test in mid-January.
5.	II	First Creek Interceptor Segments 1B, 1C and 1D	This work will involve the installation of 19,000 feet of 41" interceptor connected to the Second Creek Interceptor (Metro Water Recovery (MWR) project) to create a gravity path for wastewater to the MWR Treatment Plant. Our First Creek and Prologis lift stations will become obsolete.	The interceptor will traverse multiple municipalities including the City and County of Denver. Segments 0 through 1E begin at Aurora's Prologis Lift Station and terminate at Denver's Gateway Lift Station.	Wastewater	Bid Package 1- Crew 1 continues working on the new meter structure vault located at High Point Boulevard and Crew 2 has encountered unmarked gas, electric, and fiber optic lines at High Point Boulevard and Argonne. This has necessitated the crew to relocate to south of 64th and Argonne while the utility conflicts are resolved with Xcel Energy. Bid Package 2- Tunnel Crew 2 has completed the microtunnel and are working to install the carrier pipe and backfill the shafts. Tunnel Crew 1 is working at the Green Valley Ranch Boulevard tunnel with the launch shaft almost installed. Open Cut Crew 1 is installing pipe parallel to Dunkirk and Open Cut Crew 2 is working north of Green Valley Ranch Boulevard.

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6.	II	Murphy Creek Rampart Delivery System (RDS) - Sand Creek Reuse System (SCRS) Interconnection and Delivery Vault	The project will evaluate and design an expansion of the Rampart Delivery System (RDS), including a turnout vault in Murphy Creek. Also, a connection between the RDS and the Sand Creek Reuse System will be evaluated for possible delivery of water along the reuse pipeline.	The project is focused at Murphy Creek.	Water	Submittal preparation and reviews are ongoing. Restoration was installed in December. Tie-ins to the reuse and golf pipelines are pushed to February. From December 2023 through March 2024 there will be limited work done while waiting for the electrical and instrumentation components to be delivered and fabricated. Re-mobilization is planned for March.
7.	II	36" Gun Club Pipeline (East 56th Avenue to East 64th Avenue)	This is the second phase of the 36" Gun Club Pipeline, which picks up at East 56th Avenue and continues north to East 64th Avenue.	This project extends from East 56th Avenue and Gun Club Road to East 64th Avenue.	Water	Delivery of steel pipe is to begin mid-January. The project will begin at the northern connection point south of 64th Avenue and move south.
8.	II	Zone 5 and Zone 4 Pressure Relief Valve (PRV)	In order to better maintain the transmission and distribution system, a PRV will be designed and installed on the 60-inch diameter steel pipeline along Jewell Avenue to control flow between pressure zones 4 and 5.	The work will be located at East Jewell Avenue and Powhaton Road.	Water	Submittal preparation and reviews are ongoing. The fiber tie-in was completed in November. Conflict with an Xcel Energy electrical pole has been resolved. Construction mobilization is planned for February or March.
9.	III	2022 Pressure Relief Valve (PRV) Vault Improvements	This work will involved improvements to Pressure Relief Valves (PRV) and Air Relief Valves (ARV) in fifteen water vaults located throughout the city.	Work will occur on Potomac Street, just south of East 2nd Avenue.	Water	Factory Acceptance Testing is set on the Programmable Logic Controller (PLC) for the week of January 8 with Site Acceptance testing to follow. The Pressure Release Valve (PRV) has been initiated for hydraulic operational mode.
10.	III	Aurora Eastern Utility Extension	This project will identify an alignment and secure utility easements for potable and non-potable transmission line extensions to northeast Aurora.	The project is located at East 26th Avenue, north of I-70, from Powhaton Road to Imboden Road.	Water and Wastewater	Approximately 48% of the new steel pipeline has been installed. The butterfly valve vaults are being installed. The tunneling activities under I-70 have been completed and the tunneling beneath the Union Pacific Railroad is anticipated to start in January. The pipeline is expected to be completed by June.
11.	V	Griswold Water Purification Facility (WPF) Filter Performance Improvements Project	The project includes engineering design of a program of filter rehabilitation including replacing existing backwash troughs with media retaining troughs, effluent valves, and flow meters.	Work will be located at the Griswold WPF.	Water	The Programmable Logic Controller (PLC) and HMI programs are still currently under review by City SCADA staff. Once completed, staff will coordinate completing the Factory Acceptance Testing (FAT).
12.	V	Griswold Solids Handling Improvements Project	The project includes engineering the design of new filter backwash recovery basins utilizing sand drying bed technology similar to the system recently constructed at the Wemlinger Water Purification Facility. The project also includes other backwash and filter waste improvements.	This project is located at the Griswold Water Purification Facility (WPF).	Water	The contractor continued to work on the electrical and mechanical installation at the backwash recycle pump station. Installation of the roofing was completed. Installation of gravel and sand was initiated for Basin No. 1. Leak repairs were also initiated in Basin No. 2. City staff and the contactor completed the installation, testing, and patching of the new fiber and communication lines.
13.	VI	Pump Station Miscellaneous Improvements - Work Package 3 (Aurora Pump Station Improvements)	This project includes general electrical and mechanical improvements to the Aurora Reservoir Pump Station. Improvements will be delivered using a Construction Manager/General Contractor (CM/GC) delivery method.	The Aurora Reservoir Pump Station is located on the north side of the Aurora Reservoir.	Water	The security panel passed the Factory Acceptance Testing (FAT) and will be installed this month and an on-site acceptance will be scheduled. The aeration panel is anticipated to be ready for FAT in March.

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14.	VI	Senac Creek Interceptor (formerly called SEAM Interceptor)	This project involves the design of the wastewater service line for the City of Aurora SEAM site.	The future SEAM facility will be located on city property between Baldwin and Senac Creeks, north of East Quincy Avenue and east of South Gun Club Road.	Wastewater	The three open cut crews are working north and south of Jewell Avenue. The tunnel crew has excavated the launch shaft for the Jewell road crossing and has started their tunnel operations.
15.	VI	Piney Creek Lift Station Repairs	This project will involve an assessment of the existing lift station to address odor control, perimeter fencing as well as heaving and cracking concrete supports.	The work will occur at Piney Creek Lift Station.	Wastewater	The ductbanks are ready for concrete, permanent platforms have been installed and the 16" manhole air relief valves have been installed. The security system raceways are completed.
16.	VI	Carbon Dioxide SCADA and Electrical Improvements	This project will add SCADA for Aurora Water's lease of a carbon dioxide system.	The work will be located at East Quincy Avenue at Buckley Road.	Water	Substantial and final completion notices have been issued. THIS PROJECT WILL BE REMOVED FROM THE SPREADSHEET NEXT MONTH.
17.	VI	Binney Water Purification Facility (WPF) Hydrogen Peroxide Tank Replacement	The existing aluminum hydrogen peroxide storage tanks have corroded to a point that a hole has been found. Several options were considered and it was decided to replace the two existing aluminum tanks with two polypropylene tanks	The project is located at the Binney Water Purification Facility	Water	Installation of Tank #1 is complete and the installation of Tank #2 is scheduled for February.
18.	VI	Binney Water Purification Facility (WPF) Flocculation Sedimentation Basin Structure	The existing flocculation and sedimentation basins at the facility are currently uncovered, which has lead to water quality issues (primarily algae growth) and leaves them subject to extreme weather events. A new structure will be built over the basins.	The project is located at the Binney WPF.	Water	The material submittals process is ongoing. Foundations have been installed. Construction continues.
19.	VI	Binney WPF Ultraviolet Advanced Oxidation Process (UVAOP) Clean-In-Place System Phase 2 Design	This project includes expanding the UVAOP clean-in-place system to the remaining South Train UV Units	Binney Water Purification Facility.	Water	A contractor has been awarded the contract to expand the existing UVAOP clean-in-place system. The contractor is working on submittals with construction anticipated to begin In March.
20.	All	Strontia Springs PRV Station Improvements	The work will include improvements to the Programmable Logic Controller (PLC), the roof, safety items, the power feed and the generator.	The project is located at Strontia Springs Reservoir.	Water	Fiber Work Change Directive (WCD) pricing is in negotiations. This WCD include the necessary fiber work at the Strontia site as well as the Denver Water Foothills Treatment Plant. SCADA electrical completion is now projected for December due to Programmable Logic Controller (PLC) and component delivery delays.
21.	All	North Campus Well Field Expansion - Former Thornton Property	This project entails increasing the capacity of the North Campus Well Field through the installation of six additional groundwater production wells on property located immediately north of the existing well field.	The North Campus Well Field is located in Weld County along the South Platte River, between Fort Lupton and Brighton.	Water	The new wells will be operational at the beginning of 2024 and produce at least 1 million gallons per day (MGD). A final walkthrough was completed and a final punch list item was created. The punch list items will be near completion by the end of January. Road work continues and should also be completed by the end of January.

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22.	All	Rampart 54" Pre-Cast Concrete Pipe (PCCP) Sliplining - Phase 2	This is Phase 2 of the Rampart PCCP Sliplining program. This phase of the project will begin where the Rampart PCCP pipeline crosses under Interstate 25. This phase will terminate approximately 1,500 feet northeast of I-25, near DTC Parkway.	The work will be located along the Rampart pipeline alignment, within the Denver Tech Center.	Water	An additional valve at Intertie #3 has been installed and tested. The contractor will begin installing the sliplining pipe this month. The project is scheduled to be complete by the end of March. Once the sliplining is complete, the contractor will perform the repair to the air-vac blowoff pipe at the Holly Pump Station.
23.	All	South Platte Bank Stabilization - Phase II	This project entails the design and subsequent construction of riverbank stabilization measures along an approximately 750-foot reach of the South Platte River at Aurora Water's Prairie Waters System North Campus Well Field.	The North Campus Well Field is located on the west bank of the South Platte River approximately midway between Brighton and Fort Lupton.	Water	Construction which began in October is now substantially complete. Final completion is anticipated for February.

PROJECTS UNDER DESIGN

Listed by Ward(s) in which construction is occurring. "All" indicates the project benefits the entire system specified and work may be occurring outside the city limits.

	WARD	PROJECT NAME	DESCRIPTION	LOCATION		STATUS
24.	I	Stanley Marketplace Water Quality Pond	This project involves the construction of a water quality pond west of the newly redeveloped Stanley Marketplace. The pond will be located west of the new parking lot.	The project is located northwest of East 23rd Avenue and Dallas Street.	Stormwater	Plans review for early grading are ongoing.
25.	I	Havana Park Pond and Del Mar Parkway	This project will design improvements to the detention pond located in Havana Park.	Havana Park is on Del Mar Parkway, between East 10th and East 11th avenues.	Stormwater	The construction contractors have been approved through the Statement of Qualifications (SOQ) process and the bid was advertised in December. The bid opening is currently scheduled for January 31.
26.	I	2023 Water System Improvements Project	Water system improvements will occur at three locations within the city in 2023.	Work will occur on East 25th Avenue, from Havana to Peoria; Montview Boulevard, between Havana and Peoria; and East 11th Avenue, from Del Mar Parkway to Nome Street.	Water	There were three interested bidders and staff anticipates a contract award for construction in January.
27.	I, II	2024 Water System Improvement Project	Water System Improvements are proposed at three locations within the city.	Portions of: Burns/Lydeva, Aurora Hills/Queensborough and Zurcher subdivisions, and Montview Boulevard (Peoria to Fitzsimmons Parkway).	Water	The first package (Zurcher, Lydeva and Alvarado subdivisions) is in Civil Plan Review. The second package (Hoffman Boulevard, Sable and Altura subdivisions) is ready for the 60% design review.
28.	I, V	Manhole Restoration Project	This project will involve the inspection and/or rehabilitation of 12 manholes throughout Aurora.	Five manholes and located on East 19th Avenue between Florence Street and the alley after Elmira Street. One is located on Galena Street between Colfax Avenue and Del Mar Parkway. Two are located on 13th Avenue between Kingston Street and Joliet Street in front of the Kenton Elementary School. Two are located next to Tollgate Creek near the intersection of East 4th Avenue and Sable Boulevard.	Wastewater	Public Works has requested the contractor put together a Site Waste Management Plan (SWMP) for the City which will require an amendment for the project.

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29.	II	Wagner Concrete Channel Rehabilitation	This project will begin the process of rehabilitating concrete channels in Aurora that were identified as needing repair work in a 2021 study. Specifically the Wagner Concrete Channel.	Work will take place at Tower Road and 22nd Avenue.	All	One proposal was received and the evaluation committee has reviewed and accepted this proposal. Scope, schedule and fee discussions will now begin with the firm.
30.	II	ACRE Box Elder Aquifer Storage and Recovery (ASR) Pilot Facility	The project will commission a pilot ASR facility in northeast Aurora.	Look for this project near East 26th Avenue and the Watkins-ACRE property.	Water	Monthly sample collection of the monitoring wells was completed. A geochemical water quality analysis and modeling has been added to the current work scope. The final report is due in February.
31.	II	First Creek Interceptor (FCI) Gravity System Tie-in	This project will design and consolidate the tasks needed to switch over to the First Creek and Second Creek gravity sewer lines.	Prologis Lift Station, First Creek LS and Second Creek LS.	All	Civil Plans have begun. The engineer is also compiling and creating specs.
32.	II	Picadilly Road Storm Sewer Improvements	A storm pipe is planned from Smith Road to an outfall at First Creek. The interchange at I-70 and Picadilly Road is currently being designed by Public Works. A future expansion of Picadilly Road both require the outfall for storm runoff.	Picadilly Road between Smith Road and First Creek.	Stormwater	A kick off meeting was held in December and the design team is collecting data to prepare for design.
33.	II	Eagle Ridge Utility Protection Project	There is existing sanitary sewer and reclaimed pipelines along the southern boundary of the property. The project will entail bank stabilization to protect the existing Aurora Water utilities and the Parks, Recreation and Open Space Department (PROS) property.	Picadilly Road and East Stephen D. Hogan Parkway.	All	The project charter was executed. The project requirements and request for proposal will be drafted in January.
34.	II, IV, V	2024 Miscellaneous Storm Sewer Improvements	This project will design and construct repairs for the deteriorating storm pipes in four locations throughout the city.	Multiple points around the city to include Colfax Avenue and Dunkirk Street; Colfax Avenue and Jasper Street; Mansfield Avenue and Tower Road, and Havana Street and Idaho Place.	Stormwater	The design team continues to refine the design. Submittal for review is anticipated in January.
35.	III	WC-06 - Alameda Stormwater Outfall Improvements. WC-16 - Dakota Tributary Improvements (Westerly Creek Studies & Storm Improvements)	This work will involve storm sewer outfall and tributary improvements.	Alameda Avenue (Havana to Exposition Park) and Dakota Avenue (Moline Street to Exposition Park).	Stormwater	The design is proceeding to 30%. The priority set on Alameda and Havana flood warning signs. The contractor has completed the Virginia Drive street flooding study and updates.
36.	III	Murphy Creek Drainageway Improvements and Irrigation Pond	This project will make improvements to the Murphy Creek Drainageway and reroute Gun Club Creek around the existing irrigation pond.	Work will be located at Murphy Creek and Jewell Avenue.	Stormwater	The 30% design is complete and under stakeholder review.
37.	III	Pond #3 at Conservatory on the Plains Rehabilitation	Constructed in 2005, this pond experiences issues with maintenance difficulties such as sediment build-up/poor access, low outfall functionality, low water quality, and is not built up to current MHFD standards. This project aims to address those issues.	You will find this project located at South Jericho Way and East Hampden Avenue.	Stormwater	The project will be moving to the construction phase in January. The contractor is on board and a pre-construction meeting will be held in early January. The first few weeks will be focused on submittal reviews and mobilization.

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38.	V	Wemlinger Pressure Relief Valve (PRV) Vault Lid Replacement	The project will replace the PRV vault lid in Wemlinger parking lot to improve operation and maintenance (O&M) accessibility.	Wemlinger Water Purification Facility (WPF)	Water	The project charter was executed. The project requirements and request for proposal will be drafted in January.
39.	V	Griswold Water Purification Chlorine Dioxide Tank Replacement	Two existing chlorine dioxide tanks (3,200 gallon reinforced fiberglass) were installed during the 99/00 renovation. Both tanks are deteriorating and are needing replacement due to age. Multiple repairs have been made and the tanks can no longer be repaired.	Griswold Water Purification Facility	Water	Submittals for the tanks were received and reviewed by the design contractor and a change order was submitted with an amendment for the scope of work to include support during the construction phase. The construction contractor is working on getting the tanks released. A lead time of more than 20 weeks is expected.
40.	VI	Wemlinger Water Purification Facility Underground Storage Tank Removal	This project will remove an underground storage fuel storage tank used for a generator that is no longer needed. The generator is being relocated to the Sand Creek Water Reclamation Facility as part of an improvements project.	The project is located at East Quincy Avenue and Buckley Road.	Water	The Notice to Proceed was issued. A pre-construction meeting was held with CGRS and Stantec. The building permit was issued. Notice of intent from the Division of Oil and Public Safety (OPS) was approved. Stantec contract is under renewal for construction supervision and inspection.
41.	VI	Quincy Reservoir Phase I Best Management Practices - Hydroponics and Littoral Zone	This work will involve the design and construction of improvements as recommended in the Hazen and Sawyer report dated April 2021, including hydroponic systems and littoral zone restoration.	The project is located at East Quincy Avenue and West Toll Gate Creek.	Water	This project is still on hold pending the mini-master plan.
42.	VI	Quincy Pump Station Improvements	A conditions assessment, preliminary design and final design will establish improvements to correct building deficiencies and provide reliable and efficient operation of the Quincy Pump Station.	Quincy Pump Station is located at the base of Quincy Reservoir on East Quincy Avenue.	Water	Staff provided comments to the design engineer and a review meeting was held to discuss the comments. The engineer is currently responding to the comments provided. The next progress meeting is scheduled for January 8.
43.	VI	Binney Water Purification Facility (WPF) Backup Power Generation Improvements Project	This project entails the design and subsequent construction of a new backup power generation system at the Binney WPF. The new system will correct deficiencies and issues associated with the existing system, and increase system capacity.	The project is located at the Binney WPF.	Water	Discussions with the principal engineer are scheduled for early January to determine how best to proceed.
44.	VI	Wemlinger WPF Motor Control Center and Communication Improvements	The project will assess the motor control centers (MCC's) and determine the schedule needed for replacement, as many are reaching the end of their useful lives. The project also includes communication improvements needed for life safety (fire department) and water Operations (Grace Man Down) safety.	The work will be located at East Quincy Avenue at Buckley Road.	Water	The contractor worked on hydraulic modeling for the Zone 5 pump station and scheduled a workshop with City staff in January to review the findings and recommendations. In addition, a design amendment was brought to City Council for review.
45.	VI	Wemlinger WPF Filter Rehabilitation (Filter No. 2 and 12)	This project involves rehabilitating filter no. 2 and 12 which includes replacing the underdrain system and valve, transmitter, and instrumentation replacement due to the age of the equipment.	This project is located at the Wemlinger Water Purification Facility.	Water	A task order was issued to the contractor and the contractor initiated coordination with their subcontractor for removing filter media.

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46.	VI	Piney Creek Lift Station Air Release Valve Road Regrading Project	The project includes regrading a sloped portion of a maintenance access road to eliminate safety concerns associated with the occurrence of large maintenance trucks sliding off the road.	You will find this project at Smokey Hill Road and E-470.	Wastewater	The civil plans are still currently under review by Public Works.
47.	VI	East Quincy Avenue Water Line Appurtenances Rehabilitation	The project's scope of work involves the design and installation of recommended improvements to restore operational confidence in the nineteen (19) ARVs on the 60-inch, and fourteen (14) ARVs on the 42-inch pipelines in East Quincy Avenue.	Work will occur on East Quincy Avenue between Quincy Reservoir and the Binney Water Purification Facility.	Water	Sequencing has been organized and setup. The contractor is expected to start construction in mid-January. Aurora Water is working on a solution to keep SEAM with water service during the final stage of the project; however, the City of Aurora Public Safety Training Center (CAPSTC) will be without water service.
48.	VI	Kings Pointe Interceptor	Design and construct Schedule B of the proposed interceptor between Kings Pointe and Cherry Creek Lift Station #15.	The work is to take place near Parker Road and Broncos Parkway.	Wastewater	Work on the 60% design will be delayed several weeks as Arapahoe County Water and Wastewater Authority (ACWWA) researches conflicting information in their flow data projections. The size of the pipe selected is critical and warrants double checking to ensure the proper capacity is taken into account.
49.	VI	Piney Creek Lift Station Power Improvements	This project will replace a temporary fix with a permanent solution that will allow the emergency generator to run reliably.	East Ottawa Drive near Piney Creek and East Arapahoe Road west of C470.	Wastewater	The bids were rejected and staff are currently negotiating with the low bidder.
50.	VI	Binney WPF Granular Activated Carbon (GAC) Expansion and Media Purchase	Design of the mechanical components required to complete adsorbers 4, 7 & 8. Also to be determined if the media to be utilized in these adsorbers will be GAC similar to the other 5 adsorbers.	Binney Water Purification Facility.	Water	The design engineer performed a condition assessment on the existing infrastructure. The engineer is exploring alternate media options to determine if there is a better media to remove contaminants than what has been used in the existing reactors. Once data is obtained from the pilot study, the design can be finalized. Thirty percent design drawings have been completed. A design workshop to review the drawings & specifications was held and yielded minor revisions to move the design drawings to 100% for bidding.
51.	VI	Zone 5 Tank and Zone 7 Pump Station	To provide redundancy to the Zone 5 area of Prairie Point and Zone 7/8 redundancy.	Located near Liberty Middle School.	Water	An alternatives workshop with a consultant was held. A model has been delivered and the consultant is working on 30% design.
52.	I,II,IV,V,VI	2024 PRV Vault Improvement Project	Rehabilitation of PRV Vaults that need to be proactively updated to provide upgraded vaults for safer access and improved asset function.	Peakview and Arapahoe; 1390 S. Potomac Street; 32nd and 34th (PRV03D-03); 32nd and Helena; Peoria and Parker; 15000 Smith Road; 4201 S. Parker Road; Hampden and Conservatory; 6th and Elkhart; 8th and Chambers; 28th and Sable; Iliff and Vaughn; Dunkirk and Louisiana.	Water	The contractor is working on responses and updates from the first review.
53.	All	Wild Horse Reservoir	This project involves the development of a new storage reservoir for the Homestake pipeline.	Wild Horse Reservoir will be located just south of Hartsel, Colorado, off Highway 9. County Road 53 borders the south property line.	Water	The drilling is complete and staff are waiting for the materials lab to complete the analysis for the design. The 30% design is on-going for both the pipeline and the dams. In addition, staff are interviewing for a Construction Manager (CM)/General Contractor (GC) who should be on-board by March or April.

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54.	All	North Campus Horizontal Wells Pilot Project	This project involves the identification and field evaluation of alternate groundwater production well designs for the North Campus Well Field.	The North Campus Well Field is located in Weld County along the South Platte River, between Fort Lupton and Brighton.	Water	The concrete caisson work will move into lateral drilling for the collection system in January. The first secant piles for the first water tight shaft is complete and will be excavated in late January. Microtunneling under the river is anticipated to begin in early February.
55.	All	Rampart 54" Pre-Cast Concrete Pipe (PCCP) Sliplining - Phase 3	Phase 3 will be the final phase of the Rampart 54" PCCP Sliplining Program. The project will begin where Phase 2 ended, near DTC Boulevard. It will continue northeast approximately 1,500 feet to Intertie 3.	The work will be located along the Rampart pipeline alignment, within the Denver Tech Center.	Water	Drawings are holding at 90% until the completion of Phase 2 and, subsequently, will be updated as needed. This project is scheduled to mobilize for construction in October with construction continuing through February 2025. Discussions will begin with building and property owners starting in January.
56.	All	North Campus Electrical Phase II	This project involves the design and construction of 17 electrical panels to replace the currently outdated panels installed in the riverbank filtration wellfield.	North Campus Riverbank Filtration Field.	Water	The contractor continues to build the Programmable Logic Control (PLC) panels.
57.	All	2023 PRV, ARV and Large Valve Vault Rehabilitation Project	Engineering/Design services will entail evaluation and design of 6 PRV Vaults, 9 water transmission valves (16" to 30" size), and 11 ARV Vaults. The overall purpose of this project will be to design for the rehabilitation, replacement or relocation.	6th Avenue and Chambers; 6th Avenue and Potomac; Mississippi and Moline; 6th Avenue and Shawnee; Sable and Alameda; 19th/Gun Club Road; Del Mar and Peoria; Mississippi Avenue and Peoria; Princeton and Reservoir; 13th and Peoria; 13th and Chambers; Colfax and Peoria; Montview and Peoria; Louisiana and South Biscay Street.	Water	The bid opening is slated for January 26. Construction is projected to start in Q1.
58.	All	Rampart Delivery System Expansion, Phase 1A	New 72" diameter steel pipe with new connection at the Rampart Reservoir and Intertie 1. Expansion of the existing Rampart Delivery System.	Located outside of the city limits in Englewood and Centennial.	Water	Proposals are being reviewed and a design engineer will be selected in January. Design is anticipated to take 12 months with construction activities in 2025 and 2026.

STUDIES AND ASSESSMENTS

Listed by Ward(s) in which construction is occurring. "All" indicates the project benefits the entire system specified and work may be occurring outside the city limits.

	WARD	PROJECT NAME	DESCRIPTION	LOCATION		STATUS
59.	VI	Groundwater Selenium Removal Study for Binney Water Purification Facility (WPF).	This project will examine the use and treatment of groundwater with excessive quantities of selenium that must be removed/treated before use/discharge.	The project is located at the Binney WPF.	Water	A consultant has been selected to determine where the underdrain discharge should enter the facility and how treatment of the groundwater to remove selenium will affect the treatment train. The project is on hold.
60.	All	Sand Creek Water Reclamation Facility Reclaimed Pipeline to Prairie Waters Pump Station 3	This study will explore a possible connection of the Sand Creek WRF reclaimed water network with the Prairie Waters raw water pipeline via conveyance Pump Station #3.	The study will be performed at the Sand Creek WRF distribution network to Prairie Waters Pump Station #3.	Water	Early works design and construction package is being negotiated with Aurora Water and a developer.
61.	All	Direct Potable Reuse Application and Water Treatment Master Plan	Study to explore submitting a Direct Potable Reuse Application to the Colorado Department of Public Health and Education (CDPHE) and complete a water treatment master plan.	Various	Water	Workshops continued on the Direct Potable Reuse Water Treatment Master Plan. Staff continued coordinating with internal and external stakeholders.