## AURORA WATER CAPITAL PROJECTS UPDATE

### MAY 2023

**PROJECTS UNDER CONSTRUCTION**

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

<table>
<thead>
<tr>
<th>WARD</th>
<th>PROJECT NAME</th>
<th>DESCRIPTION</th>
<th>LOCATION</th>
<th>UTILITY</th>
<th>STATUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1, I</td>
<td>Sand Creek Water Reuse Facility Rehabilitation and Improvements</td>
<td>This project involves addressing high groundwater around the secondary clarifiers, rehabilitation of the second clarifiers, repurposing a generator and a unit process evaluation.</td>
<td>The work is located at the Sand Creek Water Reuse Facility.</td>
<td>Wastewater</td>
<td>The contractor and Aurora project manager continue to hold bi-weekly meetings to discuss submittals and plan for the work this fall.</td>
</tr>
<tr>
<td>1, II</td>
<td>2022 Water System Improvement Project</td>
<td>Water system improvements totaling approximately 10,700 feet of new water pipeline are proposed at five different locations throughout the city.</td>
<td>Work will be completed at the following locations: the AMC Loop (East Alameda Parkway to East Alameda Drive), South Evanston Drive to South Fairplay Way, South Eagle Circle, North Dillon Way at East 6th Avenue, and South Mississippi Avenue and South Idalia Street Loop.</td>
<td>Water</td>
<td>The contractor is 100% complete in the Country Village Townhome site (5 Evanston Way &amp; Fairplay); 100% complete in the Sunridge Townhome complex located on the east side of 5 Evanston Way; 99% complete at AMC; 99% complete at Granada Park - Montessori School site (Chambers &amp; Mississippi). The horizontal directional drilling (HDD) installation is complete pending the Phillips 66 crossing approval. The Town Center water line installation is at 80% complete and the fire line installations are in process.</td>
</tr>
<tr>
<td>1, V</td>
<td>SC2 and SC5 Sanitary Sewer Upgrades Project</td>
<td>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.</td>
<td>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.</td>
<td>Wastewater</td>
<td>The construction for the Ouray segment near E Union Avenue and S Ouray Way is installed. The cure-in-place pipeline rehabilitation at SC5 was completed along with landscaping restoration in the Avalon community. Submittal review and other construction planning is ongoing. The project will then be on hold for six weeks while Xcel Energy relocates dry utilities in the SC2 project area. Work will resume in mid-July.</td>
</tr>
<tr>
<td>1, II</td>
<td>First Creek Interceptor (FCI) Connection to the Prologis Lift Station</td>
<td>The First Creek Interceptor will eventually connect to the Prologis Lift Station and eliminate the need for the First Creek and Prologis Lift Stations. This project is evaluating new underground utilities for potential conflicts.</td>
<td>The Prologis Lift Station is located on Smith Road, just west of E470.</td>
<td>Wastewater</td>
<td>Construction is underway. Groundwater dewatering, installation of the new sanitary pipe and manholes are complete. The installation of the relocated water line is complete. Asphalt restoration and landscaping restoration is planned for June. Punchlist items and Substantial and Final completion planned for late June and August.</td>
</tr>
<tr>
<td>2, II</td>
<td>Buckley Space Force Base Vault Relocation</td>
<td>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.</td>
<td>Construction will occur at East Mississippi Avenue and Aspen Street.</td>
<td>Water</td>
<td>Construction began and the vault was placed on May 26. Coordination with Buckley Space Air Force Base is ongoing. Placement of the Supervisory Control and Data Acquisition (SCADA) panel is being expedited to avoid delays and a busy schedule later in the summer.</td>
</tr>
<tr>
<td>6, II</td>
<td>First Creek Interceptor Segments 1B, 1C and 1D</td>
<td>This work will involve the installation of 19,000 feet of 41” interceptor connected to the Second Creek Interceptor (Metro Wastewater Reclamation District (MWRD) project) to create a gravity path for wastewater to the MWRD Treatment Plant. Our First Creek and Prologis lift stations will become obsolete.</td>
<td>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.</td>
<td>Wastewater</td>
<td>Bid Package 1: the microtunnel at Picadilly and the guided auger bore under the Blue Gama Draw are underway. The contractor is also working on the new meter structure vault located at High Point Boulevard. Bid Package 2: the flooding in early May impacted the project site just west of Dunkirk. The site flooded, with some material washing downstream. The contractor self-reported to the State and is working with the City and County of Denver’s environmental compliance team. The contractor is preparing for tunneling activities.</td>
</tr>
<tr>
<td>No.</td>
<td>II</td>
<td>Project Description</td>
<td>Detailed Description</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----</td>
<td>----</td>
<td>---------------------</td>
<td>----------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Murphy Creek Rampart Delivery System (RDS) - Sand Creek Reuse System (SCRS) Interconnection and Delivery Vault</td>
<td>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.</td>
<td>The project is focused at Murphy Creek.</td>
<td>Water</td>
<td>City Council approved and a contract is complete. A pre-construction meeting is scheduled for the first week in June to be followed by submittal preparation and reviews.</td>
</tr>
<tr>
<td>8</td>
<td>2022 PRV Vault Improvements</td>
<td>This work will involved improvements to Pressure Relief Valves (PRV) and Air Relief Valves (ARV) in fifteen water vaults located throughout the city.</td>
<td>Work will occur on Potomac Street, just south of East 2nd Avenue.</td>
<td>Water</td>
<td>The contractor is working on pipe installation out of the PRV vault to the north. The project is currently at 65% complete.</td>
</tr>
<tr>
<td>9</td>
<td>2021 Water Vault Improvements</td>
<td>This work involves PRV vault improvements, upgrading vault off-pavement locations for safety, electrical, HVAC improvements and PLC cabinet upgrades.</td>
<td>Work will be located at Havana at East 1st Avenue and Jewell at Peoria Street.</td>
<td>Water</td>
<td>Substantial Completion was issued and the punch list is out.</td>
</tr>
<tr>
<td>10</td>
<td>Griswold Water Purification Facility (WPF) Filter Performance Improvements Project</td>
<td>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.</td>
<td>Work will be located at the Griswold WPF.</td>
<td>Water</td>
<td>The contractor completed the installation of the new media retaining troughs and air scour piping in Filter 10.</td>
</tr>
<tr>
<td>11</td>
<td>Griswold Water Purification Facility Surge Tank Improvement Project</td>
<td>The purpose of this project is to design and construct new surge tanks to provide vacuum relief on the Zone 4 pipeline. Additionally, the existing Zone 4 piping will be evaluated to create a new or improved cold start line for the WPF.</td>
<td>Work will be located at the Griswold Water Purification Facility (WPF).</td>
<td>Water</td>
<td>The wet weather created low demand and required mechanical trouble-shooting and repairs which, in turn, delayed the Site Acceptance Testing (SAT) of the cold start pipeline. In June, after the SAT and final function testing is completed, the Substantial and Final completion can be issued. There is a possibility that a contract extension may be needed for the contractor. Punchlist items are nearly resolved for the cold start pipeline and surge tank system.</td>
</tr>
<tr>
<td>12</td>
<td>Griswold WPF Finished Water Reservoir Repairs and Clearwell Valve Replacement Project</td>
<td>The Scope of Work for this project includes conducting various repairs inside the 15 million gallon (MG) finished water storage tank including concrete tee roof repairs, recoating of steel piping, and other miscellaneous improvements.</td>
<td>Griswold Water Purification Facility</td>
<td>Water</td>
<td>The contractor completed construction activities and a notice of Substantial Completion was issued.</td>
</tr>
<tr>
<td>13</td>
<td>Griswold Solids Handling Improvements Project</td>
<td>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.</td>
<td>This project is located at the Griswold Water Purification Facility (WPF).</td>
<td>Water</td>
<td>Due to the plant not starting up as well as low water demand, the completion of the Site Acceptance Testing (SAT) of the backwash supply system improvements was delayed. The SAT will resume in early June. The contractor continued working on installing the yard pipe, leak testing the splitter box and recycle pump station, and installing the footing and slabs for Basins 1 and 2.</td>
</tr>
<tr>
<td>No.</td>
<td>Project Description</td>
<td>Details</td>
<td>Category</td>
<td>Dates</td>
<td></td>
</tr>
<tr>
<td>-----</td>
<td>--------------------</td>
<td>---------</td>
<td>----------</td>
<td>-------</td>
<td></td>
</tr>
<tr>
<td>14. VI</td>
<td>Pump Station Miscellaneous Improvements - Work Package 3 (Aurora Pump Station Improvements)</td>
<td>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.</td>
<td>Water</td>
<td>The security panel and aeration panel are in the final stages of coordination and should be completed in June.</td>
<td></td>
</tr>
<tr>
<td>15. VI</td>
<td>Quincy Reservoir Intertie Project</td>
<td>This project will increase the safety, flexibility and operability of the Quincy Reservoir Intertie. This project is located at Quincy Reservoir.</td>
<td>Water</td>
<td>Fiber optic check out is scheduled for early June and pre-Site Acceptance Testing is currently scheduled for June 5. The project will begin close out once these items are complete.</td>
<td></td>
</tr>
<tr>
<td>16. VI</td>
<td>Senac Creek Interceptor (formerly called SEAM Interceptor)</td>
<td>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</td>
<td>Wastewater</td>
<td>Phase 2 is currently bidding, with a bid opening slated for June.</td>
<td></td>
</tr>
<tr>
<td>17. VI</td>
<td>Pinney Creek Lift Station Repairs</td>
<td>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 Pinney Creek Lift Station.</td>
<td>Wastewater</td>
<td>The security wall has been repaired and work on the forcemain inside the lift station continues.</td>
<td></td>
</tr>
<tr>
<td>18. VI</td>
<td>Carbon Dioxide SCADA and Electrical Improvements</td>
<td>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.</td>
<td>Water</td>
<td>After Site Acceptance Testing (SAT) was completed, operations determined that a low flow feed system is now required. A Request for Proposal (RFP) has been issued and a change order is likely.</td>
<td></td>
</tr>
<tr>
<td>19. All</td>
<td>Strontia Springs PRV Station Improvements</td>
<td>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.</td>
<td>Water</td>
<td>The Programmable Logic Controller (PLC) procurement is delayed pending the SCADA Team Submittal Reviews. WCD-Phase 1 Fiber at Strontia PRV Site is released for installation (Waiting for SCADA review/approval). WCD-Phase 2 Fiber work at the Foothills Treatment Plant is pending (Denver Water has installed new conduit for fiber feed). Staff are waiting on SCADA written proposal. The PLC is projected to be out six to nine months after Submittal Approval. The new generator has been tested and operations training is delayed until the PLC is complete.</td>
<td></td>
</tr>
<tr>
<td>20. All</td>
<td>North Campus Well Field Expansion - Former Thornton Property</td>
<td>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.</td>
<td>Water</td>
<td>All wells have mechanical equipment installed. Pouring pads for the electrical equipment will be the next major milestone begins in early June. Staff continue ongoing work and discussions around the Programmable Logic Controller (PLC) construction and programming.</td>
<td></td>
</tr>
</tbody>
</table>

6/13/2023
Aurora contract opportunities, visit https://www.bidnetdirect.com/colorado/city-of-aurora

3 of 8
# AURORA WATER CAPITAL PROJECTS UPDATE
## MAY 2023

### 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.*

<table>
<thead>
<tr>
<th>WARD</th>
<th>PROJECT NAME</th>
<th>DESCRIPTION</th>
<th>LOCATION</th>
<th>STATUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>11.</td>
<td>Stanley Marketplace Water Quality Pond</td>
<td>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.</td>
<td>The project is located northwest of East 23rd Avenue and Dallas Street.</td>
<td>Stormwater</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Staff held a progress meeting and a site meeting with a general contractor in May and is progressing toward 90% design. The Amanda process is scheduled to begin in August with final plans and specs by the end of November.</td>
</tr>
<tr>
<td>12.</td>
<td>Manhole Restoration Project</td>
<td>This project will involve the inspection and/or rehabilitation of 12 manholes throughout Aurora.</td>
<td>Work will occur near East 19th Avenue at Florence Street; East 4th Avenue and Sable Boulevard.</td>
<td>Wastewater</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>The potholing is complete and all utilities located. Staff are expecting 90% design by the end of June.</td>
</tr>
<tr>
<td>13.</td>
<td>Havana Park Pond and Del Mar Parkway</td>
<td>This project will design improvements to the detention pond located in Havana Park.</td>
<td>Havana Park is on Del Mar Parkway, between East 10th and East 11th avenues.</td>
<td>Stormwater</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>The submittal to Amanda has been delayed pending comments from Parks, Recreation &amp; Open Space (PROS).</td>
</tr>
<tr>
<td>14.</td>
<td>2023 Water System Improvements Project</td>
<td>Water system improvements will occur at three locations within the city in 2023.</td>
<td>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.</td>
<td>Water</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>The civil plans review are in the final stages</td>
</tr>
<tr>
<td>15.</td>
<td>SC10 and SC11 Sanitary Sewer Upgrades Project</td>
<td>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.</td>
<td>Work will be completed from I-225 and East Colfax Avenue to the High Line Canal Trail.</td>
<td>Wastewater</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Staff are preparing for the advertisement to bid.</td>
</tr>
<tr>
<td>16.</td>
<td>2024 Water System Improvement Project</td>
<td>Water System Improvements are proposed at three locations within the city.</td>
<td>Portions of: Burns/Jydeva, Aurora Hills/Queensborough and Zurich subdivisions, and Montview Boulevard (Peoria to Fitzsimmons Parkway).</td>
<td>Water</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Contractor is proceeding to 30% design.</td>
</tr>
<tr>
<td>17.</td>
<td>Wagner Concrete Channel Rehabilitation</td>
<td>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.</td>
<td>Work will take place at Tower Road and 22nd Avenue</td>
<td>All</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Rescoping of this project continues. Staff plan to go back out for an open Request for Proposal (RFP) that is more encompassing for the design of the maintenance work.</td>
</tr>
<tr>
<td>18.</td>
<td>36” Gun Club Pipeline (East 56th Avenue to East 64th Avenue)</td>
<td>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.</td>
<td>This project extends from East 56th Avenue and Gun Club Road to East 64th Avenue.</td>
<td>Water</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>A pre-construction meeting is scheduled for June 7 with Aurora Water staff, the engineer and contractor.</td>
</tr>
<tr>
<td>19.</td>
<td>ACRE Box Elder Aquifer Storage and Recovery (ASR) Pilot Facility</td>
<td>The project will commission a pilot ASR facility in northeast Aurora.</td>
<td>Look for this project near East 26th Avenue and the Watkins-ACRE property.</td>
<td>Water</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>The monthly sample collection of monitoring wells will continue through November.</td>
</tr>
<tr>
<td>20.</td>
<td>Zone 5 and Zone 4 Pressure Relief Valve (PRV)</td>
<td>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.</td>
<td>The work will be located at East Jewell Avenue and Powhaton Road.</td>
<td>Water</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>The Public Works Civil Plan Review and Building Department Reviews are approved. The project plans to go out for construction bidding in early June with the bid opening in mid-July.</td>
</tr>
</tbody>
</table>

---

6/13/2023  Aurora contract opportunities, visit https://www.bidnetdirect.com/colorado/city-of-aurora
<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>31.</td>
<td>First Creek Interceptor (FCI) Gravity System Tie-in</td>
<td>This project will design and consolidate the tasks needed to switch over to the First Creek and Second Creek gravity sewer lines.</td>
<td>Prologis Lift Station, First Creek LS and Second Creek LS.</td>
</tr>
<tr>
<td>32.</td>
<td>2024 Miscellaneous Storm Sewer Improvements</td>
<td>This project will design and construct repairs for the deteriorating storm pipes in four locations throughout the city.</td>
<td>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.</td>
</tr>
<tr>
<td>33.</td>
<td>WC-06 - Alameda Stormwater Outfall Improvements. WC-16 - Dakota Tributary Improvements</td>
<td>This work will involve storm sewer outfall and tributary improvements.</td>
<td>Alameda Avenue (Havana to Exposition Park) and Dakota Avenue (Moline Street to Exposition Park).</td>
</tr>
<tr>
<td>34.</td>
<td>Aurora Eastern Utility Extension</td>
<td>This project will identify an alignment and secure utility easements for potable and non-potable transmission line extensions to northeast Aurora.</td>
<td>The project is located at East 26th Avenue, north of I-70, from Powhaton Road to Imboden Road.</td>
</tr>
<tr>
<td>35.</td>
<td>Murphy Creek Drainageway Improvements and Irrigation Pond</td>
<td>This project will make improvements to the Murphy Creek Drainageway and reroute Gun Club Creek around the existing irrigation pond.</td>
<td>Work will be located at Murphy Creek and Jewell Avenue.</td>
</tr>
<tr>
<td>36.</td>
<td>Pond #3 at Conservatory on the Plains Rehabilitation</td>
<td>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.</td>
<td>You will find this project located at South Jericho Way and East Hampden Avenue.</td>
</tr>
<tr>
<td>37.</td>
<td>Wemlinger Water Purification Facility Underground Storage Tank Removal</td>
<td>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.</td>
<td>The project is located at East Quincy Avenue and Buckley Road.</td>
</tr>
<tr>
<td>38.</td>
<td>Quincy Reservoir Phase I Best Management Practices - Hydroponics and Littoral Zone</td>
<td>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.</td>
<td>The project is located at East Quincy Avenue and West Toll Gate Creek.</td>
</tr>
<tr>
<td>39.</td>
<td>Quincy Pump Station Improvements</td>
<td>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.</td>
<td>Quincy Pump Station is located at the base of Quincy Reservoir on East Quincy Avenue.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
<td></td>
</tr>
<tr>
<td>40. VI</td>
<td>Binney Water Purification Facility (WPF) Backup Power Generation Improvements Project</td>
<td>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 The designer commenced condition assessment activities and identification of options for system rehabilitation or replacement.</td>
<td></td>
</tr>
<tr>
<td>41. VI</td>
<td>Binney Water Purification Facility (WPF) Flocculation Sedimentation Basin Structure</td>
<td>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 project was advertised for bid on May 17.</td>
<td></td>
</tr>
<tr>
<td>42. VI</td>
<td>Wemlinger WPF Motor Control Center and Communication Improvements</td>
<td>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 scope, fee and schedule were refreshed and accepted. A notice to proceed will be issued. A kickoff meeting date is being evaluated.</td>
<td></td>
</tr>
<tr>
<td>43. VI</td>
<td>Pinney Creek Lift Station Air Release Valve Road Regrading Project</td>
<td>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 consultant completed the utility engineering work and initiated the design effort.</td>
<td></td>
</tr>
<tr>
<td>44. VI</td>
<td>East Quincy Avenue Water Line Appurtenances Rehabilitation</td>
<td>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 A pre-bid meeting was held and questions answered. Staff expect bids by early June for project construction. The project is scheduled to begin in early winter when water demand is reduced</td>
<td></td>
</tr>
<tr>
<td>45. VI</td>
<td>Kings Pointe Interceptor</td>
<td>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 Data collection and coordination with property owners is ongoing. The scheduled site walk was canceled due to rain but will be rescheduled.</td>
<td></td>
</tr>
<tr>
<td>46. VI</td>
<td>Pinney Creek Lift Station Power Improvements</td>
<td>This project will replace a temporary fix with a permanent solution that will allow the emergency generator to run reliably. East Ottawa Drive near Pinney Creek and East Arapahoe Road west of C470. Wastewater The consultant submitted 90% drawings and specifications for staff review. The plans will be submitted to the Building Division for review in June.</td>
<td></td>
</tr>
<tr>
<td>47. VI</td>
<td>Binney WPF Ultraviolet Advanced Oxidation Process (UVAOP) Clean-In-Place System Phase 2 Design</td>
<td>This project includes expanding the UVAOP clean-in-place system to the remaining South Train UV Units Binney Water Purification Facility. Water The Statement of Qualifications (SOQ) review committee completed its review of the submitted SOQs and determined that seven of the nine contractors are qualified to bid on the project.</td>
<td></td>
</tr>
<tr>
<td>48. All</td>
<td>2024 PRV Vault Improvement Project</td>
<td>Rehabilitation of PRV Vaults that need to be proactively updated to provide upgraded vaults for safer access and improved asset function. The project covers approximately 13 different locations. Water Preliminary layouts were approved to proceed to 30% design.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
<td></td>
</tr>
</tbody>
</table>
| 49. | 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 30% design kickoff meeting was held for both the dam and the pipeline. Staff plan on starting the field work on June 5 and will be performing geotechnical investigations for the next four to five months. The Statement of Qualifications (SOQ’s) from the Construction Management/General Contractors (CM/GC) are being reviewed to determine if qualifications are met. The feasibility design tasks are being completed and City Council passed the 30% design items. The contracts are being executed. The CM/GC contractor has been advertised and staff should have the Request for Quotes (RGQ’s) soon. The design geotechnical work is anticipated to start in June. |
| 50. | 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  
The designer completed 60% design activities and distributed design drawings to city staff for comment. The designer prepared and submitted the application package for Weld County Flood Hazard Development Permit (last of the pre-construction permits to be obtained) after receiving permit approval from the U.S. Army Corps of Engineers. |
| 51. | 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  
Contract should be issued in early June. Project kickoff, submittal submission, review, approval and additional permitting will begin after Notice to Proceed. It is anticipated that this process will take several months. |
| 52. | All | Security Improvements  
The Risk and Resiliency Study performed in 2019 indicated a variety of security enhancements to be added at pumping facilities. This project will design the recommended security enhancements.  
The work will occur at a multiple raw and finished water pump stations throughout the system.  
Water  
This project remains on hold. |
| 53. | 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  
Final plans are being reviewed and construction schedule is on track for mid-October with construction extending into February of 2024. |
| 54. | 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  
Plans are in a complete state and will be updated after Phase 2 is complete. Phase 3 is scheduled to begin construction in October of 2024. |
| 55. | 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  
Release of phase-funded money is expected by early June. Electrical equipment, Programmable Logic Controller (PLC) submittal, and programming reviews are ongoing. We expect to trail behind the North Campus former Thornton Property Expansion project with the PLC cabinet construction and review. |

6/13/2023  
Aurora contract opportunities, visit https://www.bidnetdirect.com/colorado/city-of-aurora
## 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.

<table>
<thead>
<tr>
<th>WARD</th>
<th>PROJECT NAME</th>
<th>DESCRIPTION</th>
<th>LOCATION</th>
<th>STATUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>VI</td>
<td>South Tower Design and Kings Pointe Communication Study</td>
<td>This study will improve public safety emergency SCADA backbone communications for Aurora Water as well as determine options for Aurora Water infrastructure that will be located in the Kings Pointe development.</td>
<td>The study will occur near North Piney Creek Road and South Sampson Gulch Way in Douglas County.</td>
<td>All</td>
</tr>
<tr>
<td>VI</td>
<td>Groundwater Selenium Removal Study for Binney Water Purification Facility (WPF).</td>
<td>This project will examine the use and treatment of groundwater with excessive quantities of selenium that must be removed/treated before use/discharge.</td>
<td>The project is located at the Binney WPF.</td>
<td>Water</td>
</tr>
<tr>
<td>All</td>
<td>Sand Creek Water Reclamation Facility Reclaimed Pipeline to Prairie Waters Pump Station 3</td>
<td>This study will connect the Sand Creek WRF reclaimed water network with the Prairie Waters raw water pipeline via conveyance Pump Station #3.</td>
<td>The study will be performed at the Sand Creek WRF distribution network to Prairie Waters Pump Station #3.</td>
<td>Water</td>
</tr>
<tr>
<td>ALL</td>
<td>Denver Basin Deep Well Assessment – Phase 1</td>
<td>This is an Initial assessment study to evaluate the condition, rehabilitation needs, and the feasibility of up to 25 of the city’s existing Denver Basin Wells.</td>
<td>Evaluations are being completed at various locations throughout the city.</td>
<td>All</td>
</tr>
</tbody>
</table>

Final bid documents have been received, the final opinion of probable cost has been provided, the accounting has been arranged between IT and Aurora Water and the project should be out for bid.

The project requirements will be defined with the team and the Request for Proposal (RFP) issued. Operations will send an updated report to the Colorado Department of Public Health and Environment (CDPHE).

Initial land acquisition discussions and strategies are complete. The legal descriptions for the private landowners are being drafted. The pipeline design and cost estimate to be updated to 20% level for the selected route. Land acquisition and final design to follow in Phase 2 of the project which has not started.

The final report is to be issued in June, then the Water Resources team will scope a capital project based on the report.

Aurora contract opportunities, visit https://www.bidnetdirect.com/colorado/city-of-aurora