

ATTACHMENT 2

<http://cippublic.srcity.org/CIPListSewer.html>

| Status | ProjID | Title | Description | Est Start | Est End |
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|  Construction | 00189 | Slater Street and Lewrosa Way Sewer and Water Main Replacement Project | This project will replace aged water main and sewer main in Lewrosa Way and in Slater Street from Lewis Road to Dexter Street. Upsizing the water mains will improve fire flow and reduce maintenance costs. Replacing older deteriorated VCP pipe reduces inflow and infiltration and reduces maintenance costs. The pavement will be reconstructed along Slater Street between Lewis Road and Dexter Street and in Lewrosa Way once mains have been replaced. Nine existing curb ramps will also be replaced. | 2021/10 | 2022/03 |
|  Proposed | 00284 | Laguna Treatment Plant Disinfection Improvements Project | Ultraviolet light (UV) is the primary disinfection process for the City of Santa Rosa's Laguna Treatment Plant (LTP). The existing system was commissioned in 1998, has reached the end of its useful life, and no longer has the treatment capacity for peak wet weather sewer flows. This project will replace the existing UV system with a new UV system. Additionally, this project will install an effluent diversion pump station and pipeline to convey effluent to the beginning of the plant for retreatment. This provides greater flexibility for operations and regulatory compliance. | 2021/11 | 2024/12 |
|  Proposed | 00327 | Terra Linda and Buena Vista Sewer and Water Replacement - Phase 1 | This project will upgrade existing 6-inch water mains along Terra Linda Dr. to remediate fire flow deficiencies. Aged sewer mains (1961) will be replaced congruently to minimize the potential for future deficiencies. Water and Sewer mains in Terra Linda Ct. will also be replaced. The pavement will be reconstructed along Terra Linda Dr. to Buena Vista and in Terra Linda Ct. once mains have been replaced. Potholing will be taking place in January 2021 to locate existing utilities in the project area. This information is for design purposes at this stage. Please drive carefully and watch for warning signs where they are conducting potholing activities. ** Note: This project is separate from PID00158 North Trunk Sewer Replacement -Mendocino Ave to Terra Linda Dr | 2022/06 | 2022/11 |
|  Construction | 00661 | Pacific Ave Reconstruction - Humboldt St to Montecito Ave | To reconstruct Pacific Avenue between Humboldt Street and Montecito Avenue. The project will also include: - Curb ramps will be reconstructed at all intersections to meet current accessibility standards. -Replacement of a short section of sewer main on Pacific Avenue and a sewer main supporting 1320 North Street as well as a large section of the water main. -Replacement of water services and hydrants -Drainage improvements -Rectangular Rapid Flashing Beacon (RRFB) systems at King Street, Beaver Street and Elizabeth Way/Spring Street intersection. -Video Detection System at Humboldt Street, North Street and McDonald Avenue. | 2020/11 | 2022/01 |

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|  Proposed | 01178 | Fulton Rd from Guerneville Rd to Piner Rd - Widen to Four Lanes | The purpose of this project is to ease future traffic congestion. Fulton Road will be reconstructed and widened to 4 lanes with bike lanes and sidewalks between Guerneville Road and Piner Road. The project includes PG&E Rule 20A underground district, a median island and storm drain improvements. | 2021/04 | 2023/01 |
|  Proposed | 01521 | Mendocino Ave Easement South of Dawson Road Sewer Main Replacement | Replace deteriorated and deficient sewer mains in two separate locations: in Dawson Road and along an existing sewer easement perpendicular to Mendocino Avenue. This project will improve approximately 1400 lineal feet of existing 6-inch VCP with a trenchless cured-in-place pipe lining' (CIPP) technology for the alignments in Dawson Road and the existing sewer easement perpendicular to Mendocino Avenue. The existing manholes in both locations will also be rehabilitated. Access and sewer easement acquisitions over 12 parcels are needed for routine maintenance. This system improvement will reduce inflow and infiltration into the sewer system while reducing maintenance costs. | N/A | N/A |
|  Proposed | 01903 | Los Alamos Trunk Replacement: Streamside Dr to Elaine Dr | This project includes providing the preliminary design and supporting studies for replacement of the existing Los Alamos sewer trunk from Streamside Drive to Melita Drive (approximately 16,000 linear feet (LF)). Construction documents will be prepared for the downstream segment (approximately 5,500 LF) from Streamside Drive to Elaine Drive. The trunk, installed in the 1950's is undersized and is in poor condition. This project will provide more capacity to help prevent overflows, increase reliability, and reduce maintenance. In addition, it will be re-aligned out of yards and further away from the creek where practical. Relocation of the water main may be necessary in certain locations to create adequate separation from proposed sewer line. | 2022/04 | 2023/08 |
|  Proposed | 01904 | Los Alamos Trunk Replacement: Elaine Dr to Melita Rd at Santa Rosa Creek | The purpose of this project is to replace an outdated and undersized section of the Los Alamos Sewer Trunk, which runs north of and parallel to Santa Rosa Creek from Elaine Drive to Melita Road. This project will provide trunk capacity, increase reliability and reduce maintenance. Relocation of the water main to create adequate separation from proposed sewer line is anticipated. | 2024/04 | 2025/08 |
|  Proposed | 02041 | Cleveland Ave, A, B, 7th and 8th Street Lateral Installation and Sewer Main Abandonment | This project will abandon approximately 700 feet of clay sewer main on the west side of Cleveland between Ridgway Avenue and Carrillo Street by transferring 23 laterals to an existing PVC sewer trunk on the east side of Cleveland Avenue. Additionally, this project will include sewer system improvements for 7th Street and B Street. The work on 7th Street will abandon 540 feet of clay sewer main and transfer 2 laterals to an existing sewer trunk between A Street and B Street. The work on B Street includes replacing a 30-foot section of deteriorated pipe near Healdsburg Avenue. This work will reduce inflow and infiltration and reduce maintenance costs. | 2021/12 | 2022/04 |

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|  Proposed | 02117 | Fulton Rd Sewer Main Improvements West 3rd St to Santa Rosa Creek | Eliminate the constrictions in the existing sewer pipe across Santa Rosa Creek between manhole 12 and manhole 13. The existing 18-inch ACP sewer was installed in 1969 under the creek and west of the Fulton Road bridge. The 18-inch ACP sewer was lined with a 14-inch polyethylene (PE) liner in 1985. CCTV video indicates that the PE liner is deformed creating constrictions. Open-cut replacement with a new 8-inch diameter pipe was the method recommended by the consultants RMC/Woodward & Curran in their Technical Memorandum dated February 26, 2018. A cofferdam, fish relocation, and construction area creek flow bypass will likely be necessary. | 2022/05 | 2022/12 |
|  Construction | 02201 | Skyfarm A and Hansford Court Lift Station Reconstruction | Two lift stations were severely damage during the Tubbs Fire. One is located on Skyfarm Drive near Saint Andrews Drive and the other at the end of Hansford Court. They both must be reconstructed. | 2020/08 | 2021/07 |
|  Construction | 02208 | Fire-Related Repairs of Utility Stations | Several potable water stations, reservoirs and sewer lift stations sustained damage during the Tubbs Fire. This project will undertake rehabilitation efforts at the affected sites. | 2020/07 | 2021/07 |
|  Proposed | 02284 | West College Storage Facility Pumping Improvements | West College Wet Weather Facility storage basins allow the City to temporarily divert storm flows from the local system in order to balance flows in the Laguna Treatment Plant during winter storm events. Currently, the City rents two trailer mounted diesel powered, vacuum assisted pumps and places them in position at the West College Storage Facility. The City plans to purchase two mobile pumps of similar capacity in lieu of renting and desires to construct permanent facilities to house and operate the pumps including a pad (with built-in containment), roof cover and connection to existing bypass piping. | 2022/02 | 2022/10 |

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|  Proposed | 00080 | Emergency Groundwater Supply Development | This is a multi-year project to locate and construct multiple groundwater wells to provide a backup water supply in the event of a natural disaster or other event that disrupts the City's water supply from Sonoma Water. | 2014/01 | 2029/01 |
|  Construction | 00189 | Slater Street and Lewrosa Way Sewer and Water Main Replacement Project | This project will replace aged water main and sewer main in Lewrosa Way and in Slater Street from Lewis Road to Dexter Street. Upsizing the water mains will improve fire flow and reduce maintenance costs. Replacing older deteriorated VCP pipe reduces inflow and infiltration and reduces maintenance costs. The pavement will be reconstructed along Slater Street between Lewis Road and Dexter Street and in Lewrosa Way once mains have been replaced. Nine existing curb ramps will also be replaced. | 2021/10 | 2022/03 |
|  Proposed | 00327 | Terra Linda and Buena Vista Sewer and Water Replacement - Phase 1 | This project will upgrade existing 6-inch water mains along Terra Linda Dr. to remediate fire flow deficiencies. Aged sewer mains (1961) will be replaced congruently to minimize the potential for future deficiencies. Water and Sewer mains in Terra Linda Ct. will also be replaced. The pavement will be reconstructed along Terra Linda Dr. to Buena Vista and in Terra Linda Ct. once mains have been replaced. Potholing will be taking place in January 2021 to locate existing utilities in the project area. This information is for design purposes at this stage. Please drive carefully and watch for warning signs where they are conducting potholing activities. ** Note: This project is separate from PID00158 North Trunk Sewer Replacement -Mendocino Ave to Terra Linda Dr | 2022/06 | 2022/11 |
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|  Warranty | 01675 | Montgomery Dr Water System Improvements - Mission Blvd to Jackson Dr | This project will replace a parallel 4" steel water (1947) main and a 6" ACP water main (1969) with a single 8" water main from Montgomery Drive and from Mission Boulevard to Jackson Drive. The 4" steel main is of primary concern and a new single main will reduce maintenance costs. | 2021/03 | 2021/07 |
|  Proposed | 01903 | Los Alamos Trunk Replacement: Streamside Dr to Elaine Dr | This project includes providing the preliminary design and supporting studies for replacement of the existing Los Alamos sewer trunk from Streamside Drive to Melita Drive (approximately 16,000 linear feet (LF)). Construction documents will be prepared for the downstream segment (approximately 5,500 LF) from Streamside Drive to Elaine Drive. The trunk, installed in the 1950's is undersized and is in poor condition. This project will provide more capacity to help prevent overflows, increase reliability, and reduce maintenance. In addition, it will be re-aligned out of yards and further away from the creek where practical. Relocation of the water main may be necessary in certain locations to create adequate separation from proposed sewer line. | 2022/04 | 2023/08 |
|  Construction | 01994 | Pump Station 15 Upgrades | The purpose of this project is to perform upgrades to our water pumping facility in the Oakmont neighborhood. This project installs a higher energy efficient motor starter on the largest pump (VFD), replaces the emergency standby power generator, recoats the hydropneumatic tank, and replaces outdated controls and instrumentation equipment as part of the overall need to reduce maintenance and improve system reliability. | 2020/06 | 2021/03 |
|  Proposed | 01999 | Cobblestone Dr Zone R2-R4 Water Main Connection | This project is meant to improve fire protection water flow in the Cobblestone neighborhood only. Several fire hydrants serving approximately 48 homes at the north end of Cobblestone Dr have sub-optimal fire flow. A new 10 inch HDPE pipeline is proposed to connect the existing pipeline in Tillmont Way (Pressure Zone R2) to the existing 6 inch diameter pipeline located in Cobblestone Drive (Pressure Zone R4). In addition, to allow for the ability to isolate the Cobblestone Drive neighborhood water system to create a new pressure zone, approximately 174 LF of 8" diameter PVC water pipe will be installed near the southern end of the Cobblestone Drive loop. | 2022/05 | 2022/10 |
|  Construction | 02208 | Fire-Related Repairs of Utility Stations | Several potable water stations, reservoirs and sewer lift stations sustained damage during the Tubbs Fire. This project will undertake rehabilitation efforts at the affected sites. | 2020/07 | 2021/07 |
|  Proposed | 02212 | Seismic Upgrades and Improvements Phase 5 - R9A, R16 and R17 AND VFD and Fire Pump Additions at S16 & S17 | Reservoirs 9A, 16 & 17 have numerous structural deficiencies including ringwall foundation instability, inadequate foundation reinforcing steel, insufficient anchorage embedment, excessive shell stresses in several shell courses and weak interior center support columns. While the operating water levels in each of the reservoirs should be reduced until the deficiencies are addressed, this is not currently being considered as fire protection capabilities for the areas served by the tanks would be compromised. This project may be receiving Hazard Mitigation Grant Funding in Spring of 2018. | 2023/05 | 2025/07 |