

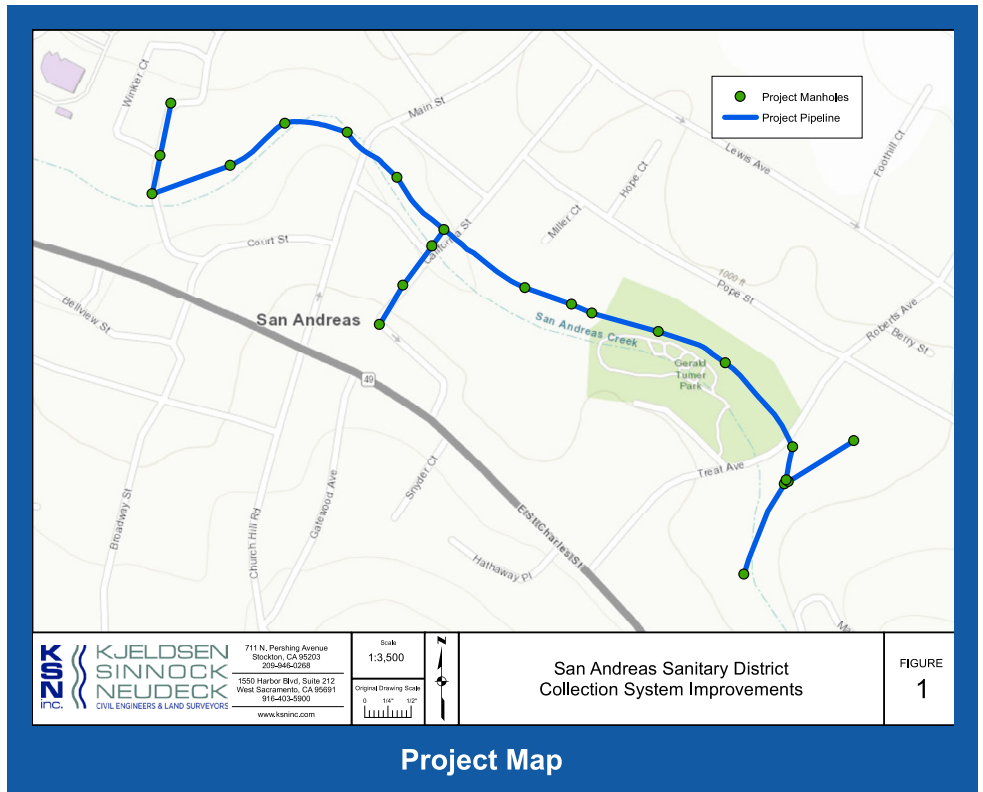
San Andreas Sanitary District (SASD/District) is excited to start construction on two long awaited capital improvement projects: the Collection Systems Improvements Project and the 2021 Wastewater Water Treatment Plant Improvements Project. Both projects are made possible due to the District pursuing state and federal funding sources to minimize the impacts to our rate payers. Read on to learn more about the projects!

COLLECTION SYSTEMS IMPROVEMENTS PROJECT (SEWER REPLACEMENT PROJECT)

The project involves replacing the existing sewer mains between Treat Avenue and Pixley Avenue with larger pipes and modify the pipe alignment where necessary to improve hydraulics (flow of sewage). The project will replace aging sewers and reduce maintenance needs for these essential sewers which serve most San Andreas residents. Approximately 3,791 feet of 6- to 10-inch diameter existing sewer mains will be replaced with larger 8- to 12-inch new sewer mains. The project also includes replacing 21 manholes.

In some cases, the construction crew will be accessing residential properties to replace sewer pipeline located near property easements. Residents will be notified well in advance and the District will schedule a neighborhood meeting once the construction contractor has been selected and schedule solidified.

The project is funded mostly through a \$4.275 million grant provided by the State Revolving Fund, while the District is responsible for administrative costs, tree replacements and cost overruns in the event the bid prices are higher than expected.



Key Schedule Milestones:

- Early June 2022: Open Bids & Recommend Award of Project to Contractor
- Summer 2022: Final Funding Agreement Approved
- Late Summer 2022: Begin Construction
- Spring 2023: End Construction

2021 WASTEWATER WATER TREATMENT PLANT IMPROVEMENTS PROJECT (WWTPIP)

The WWTP capital improvement project has been in the planning and design phase for several years while the District pursued funding. The project will complete the following significant upgrades:

Install New Headworks – The headworks is where raw wastewater from the sewer systems enters the treatment plant. The current headworks is deteriorating and is not reliable. It is also not connected to the District’s remote monitoring system (SCADA), increasing the risk of blockage or spills when staff is not physically at the plant.

Upgrade Chlorine Contact Basin – The chlorine contact basin provides detention time for the chlorine chemical to kill pathogenic organisms before the treated wastewater is released back to the environment. New channels and turning baffles will be added to the existing open channel basins to reduce short circuiting and help ensure the chlorine contact time is sufficient for disinfection.

Replace the Irrigation Pump Station – The existing pumpstation is antiquated and requires significant labor time to operate and maintain. The new station will pump treated effluent to the spray fields using (4) four new high-capacity pumps. A new electrical service will improve reliability and allow for remote monitoring and controls by the operator.

All components are vital to the operations of the WWTP. Check out the back panel for an overview.

The \$4.2 million dollar project has three funding components. The most significant is a \$3.1 million grant from the United States Department of Agriculture. The District will use \$600,000 in reserves and secure a loan for the remaining \$496,000.

All construction will be contained to the WWTP property and will not disturb the San Andreas community.

Key Schedule Milestones:

- May 2022: Provide Notice to Proceed to Contractor
- Summer 2022: Mobilize Onsite and Begin Work
- Summer 2023: End Construction

Headworks



Chlorine Contact Basin



Irrigation Pump Station



Stayed updated on project news at www.sasanitary.org.
Clean Water. It's What We Do!



San Andreas Sanitary District

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