

North San Mateo County Sanitation District Collection System Near Term Capital Projects Summary (2014-2019)



Annual On-Going Programs:

- **Project Name:** Street Resurfacing Sewer Mains (617)
Project Description: Raise sewer manholes during street overlay projects.
Project Start Year: On-going as needed
- **Project Name:** SCADA System Upgrades (766)
Project Description: Upgrade SCADA.
Project Start Year: On-going as needed
- **Project Name:** Sewer Main Rehabilitation/ Improvement (801)
Project Description: To replace portions of existing mains as necessary.
Project Start Year: On-going as needed
- **Project Name:** Sewer Lift Station Rehabilitation/ Improvement (802)
Project Description: For replacement and the rehabilitation of the five (5) District Sewage Lift Stations. Improvements could include the rebuild or replacement of various pumps the repair or replacement of corroded piping, improved instrumentation and electrical equipment, and structure improvements.
Project Start Year: On-going as needed
- **Project Name:** Sewer System Mapping-GIS (813)
Project Description: Update grid maps associated with new or redevelopment or other changes to the collection system.
Project Start Year: On-going as needed
- **Project Name:** Grease Elimination Program (830)
Project Description: Eliminates grease build-up in sewer mains through various rehabilitation techniques.
Project Start Year: On-going annual maintenance

System Pipeline Improvements:

Project Name	Length (ft)	Exist Pipe Diameter	Replacement Pipe Diameter	Year Completed	Actual/Est. Capital Cost
Garibaldi Main Replacement	700	6"	8	2011/2012	\$305,826
Chester St Sewer	525	6"	6"	2011/2012	\$342,395
Washington / San Pedro / Junipero Serra	700	12"	18"	2011/2012	\$396,600
Skyline Crossing – Westmoor	475	10"	10"	2012/2013	\$57,000
Delong Street Sewer	500	8"	8"	2012/2013	\$275,323
Skyline Crossing – Westridge	425	8"	8"	2012/2013	\$34,000
Skyline Crossing – Wildwood	275	8"	8"	2012/2013	\$22,000
Station Avenue Sewer	620	6"	15"	2012/2013	\$289,835
Citrus Avenue Sewer	1,250	6"	8	2015/2016	\$915,238
JS/Citrus Sewer	116	8"	10" & 12"	2015/2016	\$810,755
D Street and Mission Sewer Mainline Replacement	1,368	10" & 12"	15"	2016/2017	\$ 850,000
Serramonte Blvd - Gellert to Serramonte Center driveway	575	8"	10"	2015/2016	\$243,575
Bruno Ave, between School St and Vale St	175	6"	6"	2015/2016	\$123,354
Total to Date (April 2014)					\$4,614,601

Note: Projects bolded blue are complete.

Project Name: Citrus Ave Sewer Rehab (824)

Project Description: On Citrus Ave between Miriam St and Niantic Ave, replace 1,250 ft. of 6" VCP sewer main and 6" plastic liner with 8"HDPE / SDR35. The section of line between Miriam and Woodrow has reached the end of its service life and has multiple bad joints. The section below Woodrow to Niantic has an undersized plastic liner that prevents us from utilizing all maintenance options to keep line clean. This line takes a lot of flow from the Mission St / Hillside area and is located under the South sidewalk of Citrus Ave. There is also a line on the North side of the street that runs parallel with this one. It would be desirable to move line from sidewalk into street.

Project Start Year: 2015/16

Project Name: Junipero Serra & Citrus Avenue Sewer Mainline Replacement (823)

Project Description: Upsize 116 ft. of 8" pipe to 10"; 593 ft. of 8" and 10" pipe to 12"; 977 ft of 10" and 12" pipe to 15" along Junipero Serra Blvd. and Citrus Ave. This project includes replacing 17 manholes (22, 62-66, 78, and 81-90) and the reconnection of 45 laterals

Project Start Year: 2015/16

Project Name: D Street and Mission Sewer Mainline Replacement (827)

Project Description: Upsize 1,083 ft. of 10" and 12" pipe to 15"; 285 ft. of 10" pipe to 12" pipe along Mission St and D St. This project includes replacing 10 manholes (6, 19, 23, 38, 39, 95, 97, and 101) and the reconnection of 23 laterals.

Project Start Year: 2016/17

Project Name: Serramonte Blvd - Gellert to Serramonte Center driveway (822)

Project Description: Design the upsizing of 575 ft. of 8" pipe to 10" pipe along Serramonte Blvd from Gellert Blvd to Serramonte Center driveway. Replacement of manholes is included. Bid and construct the Serramonte Sewer Rehabilitation project. Project includes replacing 3 manholes (7-9) and the reconnection of 10 laterals.

Project Start Year: 2015/16

Project Name: Bruno Ave, between School St and Vale St (828)

Project Description: Replace 175 ft. of 6" VCP with 6" HDPE / SDR35. This project includes replacing 4 manholes (1, 2, 136, and 137) and the reconnection of 33 laterals.

Project Start Year: 2015/16

Completed Projects since 2011

Project Name: Garibaldi Main Replacement (833)

Project Description: Replace 700 ft. of 6" plastic liner. The project will also include replacing three existing manholes in grid E-6. Lateral service connections will be reconnected at the main by way of tap-tite connection.

Project Completed 2011

Project Name: Chester St Sewer Main Replacement (829)

Project Description: Replace 525 ft. of 6" plastic liner with 8" SDR35 plastic pipe. The project will also include replacing three existing manholes in grid E-6. Lateral service connections will be reconnected at the main by way of tap-tite connection.

Project Completed 2012

Project Name: Washington / San Pedro / Junipero Serra Sewer Main Replacement (835/836) Project

Description: Replace approx. 700 ft. of 12" VCP with 18" SDR35 plastic pipe. Project will also include replacing four manholes and adding one new one.

Project completed 2012.

Project name: Delong Street Sewer Main Replacement (825)

Project Description: Replace approximately 500 feet of 8" VCP starting at manhole #60 in grid d-3, which will go through manhole #33 and ending at manhole #34. The replacement pipe for this project will be 8" SDR 35 and all manhole structures, including rim and covers will be replaced.

Project Completed 2013

Project Name: Station Avenue Sewer (837)

Project Description: Replace 700 feet of 6" VCP with 15" SDR 35 starting in grid D-5 which will go through manholes #35, #39, #70, #69, and ending at manhole #112 in grid D-6. All manhole structures, rims, and covers will be replaced and all laterals will be reconnected by way of tap-tite.

Project Completed 2013.

Project Name: Skyline Crossing – Westmoor Ave

Project Description: Install 475 ft. of cure in place 10" liner inside existing 10" VCP main.

Project completed 2013.

Project Name: Skyline Crossing – Westridge Ave

Project Description: Install 425 ft. of cure in place 8" liner inside existing 8" VCP main.

Project completed 2013.

Project Name: Skyline Crossing – Wildwood Ave

Project Description: Install 275 ft. of cure in place 8" liner inside existing 8" VCP main.

Project completed 2013.