



(17) Capital Improvement Program (CIP)

The collection and conveyance of wastewater is a highly regulated enterprise that requires significant capital infrastructure and investment. The District operates a continuously flowing collection and conveyance system, and its various assets and equipment are subjected to heavy use in a sometimes-harsh operating environment. Many assets are subjected to constant contact with wastewater, abrasive materials, and chemicals. The District monitors the development of new technologies and considers systems and processes that may improve conveyance efficiency, reduce future sewer spills, reduce odors, save energy, and assist with meeting changing regulatory requirements. The maintenance, replacement, and addition of capital assets are an essential part of the District's CIP budget.

The District embarked on development of an Infrastructure Asset Management Plan (IAMP) that documented the District's capital projects in order of priority for the next ten years starting from July 1, 2022. The IAMP was initially developed in 2013 as part of the District's strategy to meet the requirements of the Cease & Desist Order from the State Water Resources Control Board (SWRCB); now the plan is risk-based and periodically updated based on system condition assessment information, integrated with the District's process of developing its CIP. For further information about the District's current IAMP, the report can be reviewed here: <https://www.rvsd.org/309/Infrastructure-Asset-Management-Plan>.

The CIP plans out the required minimum capital expenditures over the next ten years to maintain its critical infrastructure and what would be the appropriate funding plan. The ten-year CIP includes the replacement and rehabilitation of existing capital assets, as well as the acquisition or construction of new capital assets. Priorities from the Ten-Year CIP are included within the FY26 budget for rehabilitation and improvement capital projects. These initiatives are organized into six categories:

- 1) Gravity Sewer Projects
- 2) Pump Station Projects
- 3) Force Main Projects
- 4) Land & Building Projects
- 5) Lateral Replacement Program
- 6) Fixed Asset Purchases

Capital expenditures are cash transactions made by the District that result in the acquisition or construction of a capital asset. For financial reporting purposes, a capital asset is any asset valued over \$10,000 with a useful life of more than one year. Examples include land, buildings, machinery, vehicles, and equipment. All capital assets expected to be acquired or constructed are included in the FY26 CIP.

This chapter is organized to describe the District's CIP by providing the following:

- *Major CIP Capital Projects & Procurement Highlights* – Summarize the District's major CIP initiatives both in the upcoming fiscal year and over the next ten years.
- *CIP Planning & Funding* – Provide how the CIP plan is developed and include detailed information on the District's CIP in terms of projects over the next ten years.

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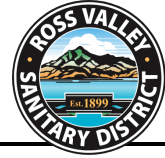


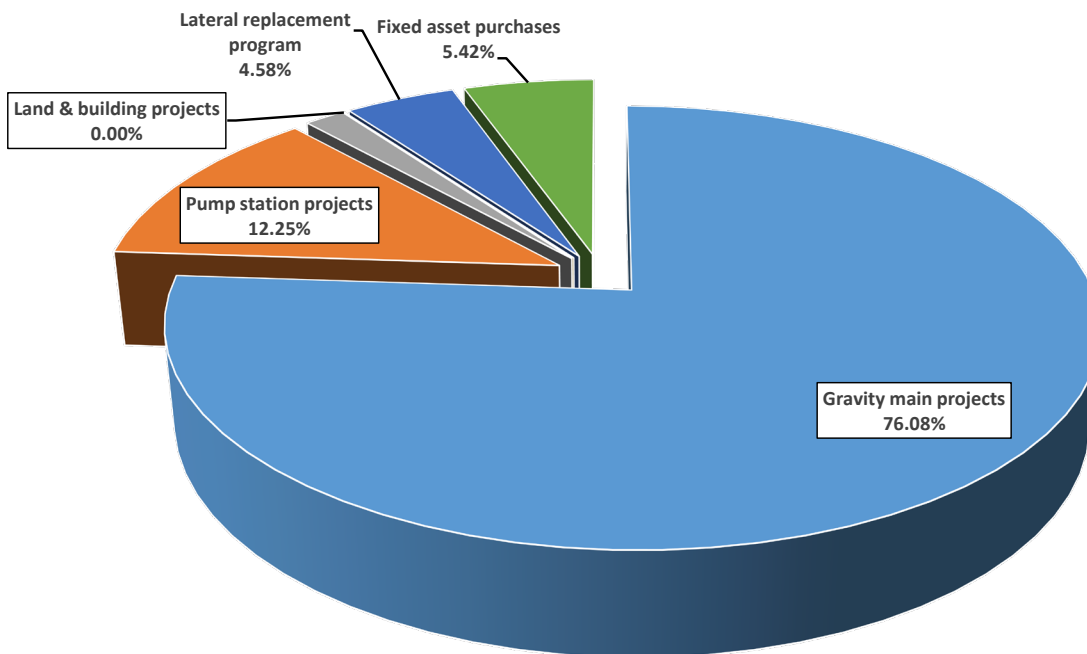
Table 28 – CIP Categories

	Actual FY2024	Budget FY2025	Projected FY2025	Budget FY2026	Budget YoY \$ Change	Budget YoY % Change
1 Gravity main projects	\$ 7,391,330	\$ 7,400,000	\$ 6,380,250	\$ 9,130,000	\$ 1,730,000	23.38%
2 Pump station projects	975,068	2,730,000	4,104,237	1,470,000	(1,260,000)	-46.15%
3 Force main projects	-	-	-	200,000	200,000	0.00%
4 Land & building projects	1,625,717	540,000	580,000	-	(540,000)	-100.00%
5 Lateral replacement program	344,885	550,000	272,319	550,000	-	0.00%
6 Fixed asset purchases	1,064,514	820,000	220,000	650,000	(170,000)	-20.73%
7 Total CIP cost	\$ 11,401,515	\$ 12,040,000	\$ 11,556,806	\$ 12,000,000	\$ (40,000)	-0.33%

Note 1: The FY25 projected results are based on each project's progress through March 31, 2025.

Note 2: The above costs would generally be capitalized and presented on the District's balance sheet; however, they are presented in the budget as an expenditure following the Modified Accrual Basis of Accounting.

Chart 17 – FY26 CIP Categories Allocation





Major CIP Capital Projects & Procurement Highlights

The ten-year CIP includes many important projects to maintain and improve the operation of the District's wastewater collection and conveyance system. Within the CIP, several projects have additional detailed project descriptions that further explain the scope, schedule, and budget for the project. The following are the major projects for FY26:

Gravity Sewer Projects – Gravity sewer projects (\$9.13 million) include a mix of restoration, rehabilitation, and replacement work. Except for the as-needed construction services and capitalized repairs, these projects will be designed and constructed in FY26. In the ten-year CIP, there are three gravity projects associated with municipal bridge replacements in the towns of Ross, San Anselmo and Fairfax whose schedules depend on the actions of the municipalities, and \$80,000 is budgeted in FY26 for these projects. Approximately six miles of gravity sewer lines will be upgraded by the projects in design or construction in FY26, all of which are identified as priorities by condition assessment and line maintenance, risk modeling in the 2021 Infrastructure Asset Management Plan (IAMP), and the 2023 wastewater collection system capacity evaluation.

Pump Station Projects – Pump station projects are budgeted at \$1,470,000. Expenditures for construction are mostly for Lift Station 30 renovation at Heather Gardens, a priority of the 2021 IAMP co-located on lands of the City of Larkspur. Other miscellaneous pump station equipment upgrades are budgeted at \$150,000, and these funds are used to address mechanical or electrical issues that may arise through the year. Example expenditures include replacement of pumps, motors, variable frequency drives, alarms, level controllers, electrical equipment, or backup power components.

Force Main Projects – Force main capital repairs and assessment is budgeted at \$200,000 in FY26. A bypass force main (FM-14) was damaged during wet weather this past fiscal year and it will be assessed for its repair or replacement. These funds may be used to conduct force main assessments based on the findings associated with this damaged force main or past assessment work. In upcoming years FY27 and FY28, \$2.5 million is in this project budget to implement recommendations of assessments conducted.

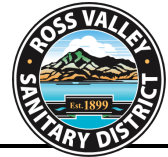
Land & Building Projects – This category includes capital projects related to the District land and buildings. The District has no projects within this category in FY26.

Grant and Loan Program – Financial assistance funding and maximum amounts for lateral replacements are established each fiscal year as part of the annual budget process. Funding for financial assistance in FY26 includes grant and loan funding totaling \$550,000.

Capital Equipment – The District has several capital equipment needs in this year's budget totaling \$560,000. Capital equipment needs are detailed below.

Replacement RamJet pump - Truck # JT01 is a RamJet truck used for hydro jet cleaning that recently had a new engine installed and is in otherwise good shape. The pump is leaking from a weep hole which is an indication that the pump needs attention before complete failure occurs. The pump removed from the truck will be rebuilt as a critical spare part that can be used in the future on any of the four RamJet trucks

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to ensure continuous line maintenance operations. The FY26 budget includes \$45,000 to replace the pump.

The construction truck for the Line Repair crew needs to be replaced. It is a specialized vehicle that includes a compressor, generator, and a crane needed to install manhole barrels. The existing 2005 Peterbilt truck has been breaking down with engine issues and other key components on the truck, including the crane, the starter, the generator, and the engine block that contains an oil leak. It does not have updated emissions controls like the newer trucks, which may have contributed to the exhaust plugging up with debris. The FY26 budget includes \$350,000 for the new construction truck. This budgeted item has been carried over from last year due to longer lead times than expected.

The Repair Crew has identified an additional item, a lateral reinstatement cutter, to complement the Picote Cutter system. The Picote Cutter only works on laterals that have a building clean-out (BO) or property line cleanout (CO) from which the repair crew can access the system via the lateral. The lateral is reinstated by cutting from the lateral side of the lateral connection, and the Picote Cutter cannot be used to cut from inside the sewer main. While BO's and COs are required by the lateral ordinance and installed when permits are issued, many laterals do not have a BO or CO because they have not received permits from the District for decades. Staff estimate that over half the system is not yet equipped with BO's, Type 1 (Contra Costa or mushroom valve) or Type 2 (sewer popper). Therefore, a lateral reinstatement cutter that can be used to access and reinstate the lateral connection from within the sewer main is proposed for this year's budget at \$150,000. This item is proposed to roll forward from the previous year's budget with an increased cost of \$50,000.

The Line Repair Crew currently uses two medium size class B dump trucks (BD02, BD03). Both dump trucks have been outfitted to not only haul trailers with equipment on them, spoils from excavations, clean backfill materials, but also tools and necessities to complete a wide array of sewer repairs. Both trucks currently are equipped with generators for power on the jobsite. Both generators are over a decade old and non-operational. The generators allow the Line Repair Crew to creatively select the right vehicles and equipment for the right job. Often the Line Repair Crew must sacrifice a piece of the repair equation to accomplish the job, whether it be due to limited access or not enough crew members to get all necessary equipment to the jobsite. The importance of having vehicles equipped with the necessary equipment to complete the job can be the difference between getting the job done that day, or having to work overtime, or finishing the job the next day. Replacing both generators on the dump trucks ensures the Line Repair Crew will have power for another decade and be able to continue operating in the same efficient manner they pride themselves on. Replacement of truck mounted generators is budgeted at \$15,000.

Software Purchases – The District has budgeted \$90,000 for the procurement and the implementation of a new permitting software. Ongoing support costs (Operating Fund) for the new software will be \$66,844.00 per year.

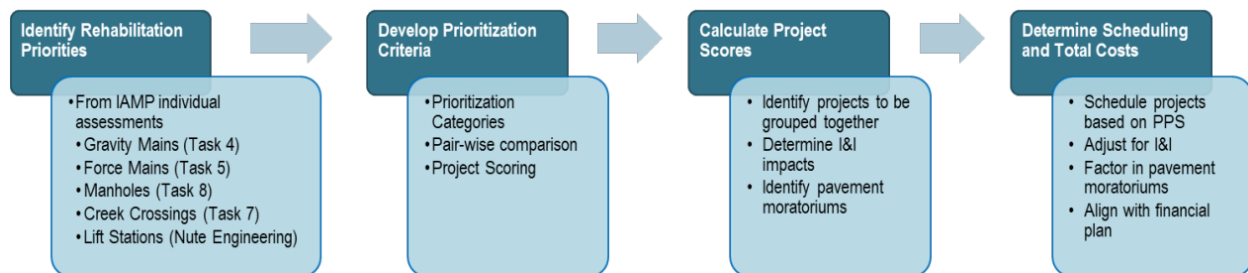


CIP Planning & Funding

The District annually assesses its ten-year CIP as part of the budget development process using its latest IAMP as a guide. The FY26 CIP Budget and ten-year CIP schedule were prepared by the General Manager in close coordination between the Engineering and Operations & Maintenance Departments. The General Manager and Senior Engineer are responsible for developing and managing the annual CIP Budget, determining the appropriate delivery method for each project and activity, and monitoring and reporting CIP activities. The General Manager and Assistant General Manager/Administrative Services Manager are responsible for working with the Board and Finance Committee to develop a long-term funding plan for the CIP.

The IAMP was developed in 2021 as a ten-year plan listing out the District's priorities for its infrastructure asset management with a goal of reducing future I&I and minimizing risk. Four years later many higher priorities in the 2021 IAMP have been constructed under the CIP, and priorities have adjusted based on new condition assessment and O&M information. Each asset category is assessed with a priority based on its likelihood of failure (LoF) and consequence of failure (CoF) probability. The LoF/CoF is a risk model framework considering a key set of parameters, such as structural integrity, system capacity, environmental impacts, stakeholder/customer service, regulatory compliance, health and safety, financial impact, ability to restore to design level of service, and location/critical facility impact. Using the results from the assessment model updated every other year, each asset is weighted using priority scoring.

Figure 9 – IAMP Prioritization Process



The Ten-Year CIP is developed in conjunction with the budget process. It is based on the IAMP risk assessments as well as priorities established from review of maintenance issues, capacity issues, sewer spill locations, and pavement moratoriums established by the local municipal jurisdictions. Cost estimates for projects are determined by utilizing costs from similar projects conducted by the District and neighboring agencies. Once the budget has been adopted, the District is required to comply with the California Uniform Public Construction Cost Accounting Act (UPCCAA) to deliver the project. All construction and professional service contracts and purchases that are over the dollar threshold set by UPCCAA and District policies require Board approval at an open public meeting.

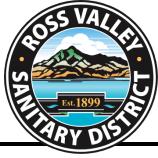
The total cost of the CIP over the next ten years, inclusive of the upcoming budget year is approximately \$110 million. This ten-year CIP scope focuses primarily on replacing priority infrastructure and assets, and is funded by property taxes, lateral loan repayments, capacity charges and unassigned operating or capital reserves. The District is focusing on using a “pay-as-you-go” model to fund all capital projects.

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Please refer to the following documents for detailed information regarding the current year CIP:

- *Ten-Year Capital Improvement Program Schedule* – The schedule shows the next ten years of the District’s planned capital activities along with the upcoming fiscal year.
- *Capital Improvement Program – Account/Project Descriptions* – Each project, initiative and activity in the upcoming budget year is described by budget account number and serves to guide the District’s staff in the execution of budgeted activities and is a reference when assigning account numbers for purchase orders and payment of goods and services.
- *Detailed Project Descriptions* – Each large or multi-year initiative has a dedicated project sheet which describes the major project by its scope, justification, costs by fiscal year and activity, and includes a map of the project being described.

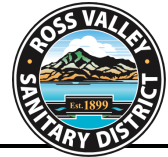


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Table 29 – Ten Year CIP Schedule

Project ID	Project Name	Project Category	Prior Years Balance	Actual FY2024	Budget FY2025	Projected FY2025	Budget FY2026
1 EG-944-000-00	Large Diameter Gravity II-3B	Gravity Sewer	\$ 4,375		\$ -	\$ -	\$ -
2 EG-946-000-00	Winship Bridge Sewer Relocation	Gravity Sewer	125,481	10,499	50,000	-	-
3 EG-952-000-00	Nokomis Bridge Sewer Relocation	Gravity Sewer	8,697		-	-	-
4 EG-954-000-00	Meadow Way Bridge Sewer Relocation	Gravity Sewer	5,006	215	-	-	80,000
5 EG-955-000-00	FY 23/24 Gravity Sewer	Gravity Sewer	435,287	4,666,697	4,850,000	2,048,016	-
6 EG-956-000-00	Woodland Capacity Improvements	Gravity Sewer	225,035	1,992,730	-	332,234	-
7 EG-957-000-00	Fairfax Capacity Improvements	Gravity Sewer	-	262,525	-	200,000	350,000
8 EG-958-000-00	24-25 Gravity Sewer	Gravity Sewer	-	-	2,000,000	3,100,000	4,200,000
9 EG-959-000-00	Palm-Mann-Cypress Gravity Sewer	Gravity Sewer	-	-	-	200,000	4,200,000
10 EG-970-000-00	26-27 Gravity Sewer	Gravity Sewer	-	-	-	-	-
11 EG-971-000-00	27-28 Gravity Sewer	Gravity Sewer	-	-	-	-	-
12 EG-972-000-00	28-29 Gravity Sewer	Gravity Sewer	-	-	-	-	-
13 EG-973-000-00	29-30 Gravity Sewer	Gravity Sewer	-	-	-	-	-
14 EG-974-000-00	30-31 Gravity Sewer	Gravity Sewer	-	-	-	-	-
15 EG-975-000-00	31-32 Gravity Sewer	Gravity Sewer	-	-	-	-	-
16 EG-976-000-00	32-33 Gravity Sewer	Gravity Sewer	-	-	-	-	-
17 EG-977-000-00	33-34 Gravity Sewer	Gravity Sewer	-	-	-	-	-
18 EG-978-000-00	34-35 Gravity Sewer	Gravity Sewer	-	-	-	-	-
19 EG-917-000-00	Capitalized Repairs-Contractor	Gravity Sewer	-	337,619	250,000	250,000	150,000
20 EG-918-000-00	On Call Construction	Gravity Sewer	-	121,045	250,000	250,000	150,000
21	Total Gravity Sewer Projects		803,881	7,391,330	7,400,000	6,380,250	9,130,000
22 EG-961-000-00	Lower FM-14 Bypass Force Main Replacement	Force Main	-	-	-	-	200,000
23 EG-962-000-00	Bon Air Force Main Lining (FM-15 and FM-14)	Force Main	-	-	-	-	-
24 EG-963-000-00	29-30 Force Main Appurtenances	Force Main	-	-	-	-	-
25 EG-964-000-00	South Elisio Force Main Capacity Improvement	Force Main	-	-	-	-	-
26 EG-965-000-00	FM-33 Replacement Project	Force Main	-	-	-	-	-
27 EG-966-000-00	Future Force Main Replacement Project	Force Main	-	-	-	-	-
27	Total Force Main Projects		-	-	-	-	200,000
28 EG-905-000-00	Other Pump Station Equipment	Pump Station	-	-	150,000	150,000	150,000
29 EG-907-000-00	LS 20, 31, 32 and FM-31, FM-32 Improvement	Pump Station	184,127	861,636	2,000,000	3,354,237	-
30 EG-908-000-00	LS 30 Heather Gardens Lift Station Improvement	Pump Station	1,925	113,432	580,000	600,000	1,320,000
31 EG-909-000-00	LS 33, 34, 35, 36 Riviera Circle	Pump Station	-	-	-	-	-
32 EG-910-000-00	LS 22, 23 Drakes Landing	Pump Station	-	-	-	-	-
33 EG-911-000-00	LS 21 Improvements or Gravity Sewer	Pump Station	-	-	-	-	-
34 EG-912-000-00	PS 15 Kentfield Capacity Improvements	Pump Station	-	-	-	-	-
35 EG-913-000-00	PS 10 Larkspur Landing B Improvements	Pump Station	-	-	-	-	-
36 EG-914-000-00	PS 13 Greenbrae Improvements	Pump Station	-	-	-	-	-
37 EG-915-000-00	PS 14 Larkspur Improvements	Pump Station	-	-	-	-	-
38	Total Pump Station Projects		186,052	975,068	2,730,000	4,104,237	1,470,000
39 EG-900-000-00	Larkspur Landing Activities	Land/Building			-		
40 EG-901-002-00	Andersen Building Improvement A - Building	Land/Building				-	
41 EG-901-003-00	Andersen Building Improvement B - Site	Land/Building	48,327	1,625,717	540,000	580,000	-
42	Total Land & Building Projects		48,327	1,625,717	540,000	580,000	-
43 EG-935-001-00	Capital Equipment	Procurement	-	1,064,514	680,000	220,000	560,000
44 EG-950-000-00	Software Purchases	Procurement	-	-	130,000	-	90,000
45	Total Fixed Asset Purchases		-	1,064,514	820,000	220,000	650,000
46 N/A	Lateral Replacement Grant Program	Lateral Program	-	167,500	300,000	139,000	300,000
47 N/A	Lateral Replacement Loan Program	Lateral Program	-	177,385	250,000	133,319	250,000
48	Total Lateral Replacement Program		-	344,885	550,000	272,319	550,000
49	Total Capital Improvement Program		\$ 1,038,260	\$ 11,401,515	\$ 12,040,000	\$ 11,556,806	\$ 12,000,000

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Forecast FY2027	Forecast FY2028	Forecast FY2029	Forecast FY2030	Forecast FY2031	Forecast FY2032	Forecast FY2033	Forecast FY2034	Forecast FY2035	Multi-Year Project Totals
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,375
876,020	-	-	-	-	-	-	-	-	1,012,000
-	100,000	718,303	-	-	-	-	-	-	827,000
119,779	-	-	-	-	-	-	-	-	205,000
-	-	-	-	-	-	-	-	-	7,150,000
-	-	-	-	-	-	-	-	-	2,550,000
5,187,475	-	-	-	-	-	-	-	-	6,000,000
-	-	-	-	-	-	-	-	-	7,300,000
-	-	-	-	-	-	-	-	-	4,400,000
2,000,000	4,000,000	-	-	-	-	-	-	-	6,000,000
-	1,600,000	6,000,000	-	-	-	-	-	-	7,600,000
-	-	450,000	4,500,000	-	-	-	-	-	4,950,000
-	-	-	650,000	6,500,000	-	-	-	-	7,150,000
-	-	-	-	450,000	4,500,000	-	-	-	4,950,000
-	-	-	-	-	500,000	5,000,000	-	-	5,500,000
-	-	-	-	-	-	650,000	6,500,000	-	7,150,000
-	-	-	-	-	-	-	700,000	7,500,000	8,200,000
-	-	-	-	-	-	-	-	800,000	800,000
250,000	250,000	250,000	250,000	250,000	250,000	300,000	300,000	300,000	3,137,619
250,000	250,000	250,000	250,000	250,000	250,000	300,000	300,000	300,000	2,921,045
8,683,274	6,200,000	7,668,303	5,650,000	7,450,000	5,500,000	6,250,000	7,800,000	8,900,000	87,807,038
300,000	-	-	-	-	-	-	-	-	500,000
-	100,000	1,400,000	-	-	-	-	-	-	1,500,000
-	-	50,000	500,000	-	50,000	500,000	-	-	1,100,000
-	-	200,000	2,000,000	-	-	-	-	-	2,200,000
250,000	1,650,000	-	-	-	-	-	-	-	1,900,000
-	-	-	-	-	-	-	1,000,000	1,500,000	2,500,000
550,000	1,750,000	1,650,000	2,500,000	-	50,000	500,000	1,000,000	1,500,000	9,700,000
150,000	180,000	180,000	180,000	200,000	200,000	250,000	250,000	250,000	2,140,000
-	-	-	-	-	-	-	-	-	4,400,000
-	-	-	-	-	-	-	-	-	2,035,357
-	-	200,000	2,000,000	-	-	-	-	-	2,200,000
-	-	-	80,000	340,000	-	-	-	-	420,000
-	-	-	-	80,000	1,250,000	-	-	-	1,330,000
-	-	125,000	150,000	2,250,000	-	-	-	-	2,525,000
-	-	-	-	200,000	2,500,000	-	-	-	2,700,000
-	-	-	-	-	150,000	1,250,000	-	-	1,400,000
-	-	-	-	-	-	150,000	1,500,000	-	1,650,000
150,000	180,000	505,000	2,410,000	3,070,000	4,100,000	1,650,000	1,750,000	250,000	20,800,357
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	200,000	2,250,000	-	-	4,704,044
-	-	-	-	-	200,000	2,250,000	-	-	4,704,044
150,000	150,000	700,000	500,000	150,000	150,000	500,000	1,000,000	150,000	5,294,514
-	-	-	-	-	-	-	-	-	90,000
150,000	150,000	700,000	500,000	150,000	150,000	500,000	1,000,000	150,000	5,384,514
300,000	250,000	250,000	250,000	200,000	200,000	200,000	200,000	200,000	2,656,500
250,000	300,000	300,000	300,000	300,000	200,000	200,000	200,000	200,000	2,810,704
550,000	550,000	550,000	550,000	500,000	400,000	400,000	400,000	400,000	5,467,204
\$ 10,083,274	\$ 8,830,000	\$ 11,073,303	\$ 11,610,000	\$ 11,170,000	\$ 10,400,000	\$ 11,550,000	\$ 11,950,000	\$ 11,200,000	\$ 133,863,158

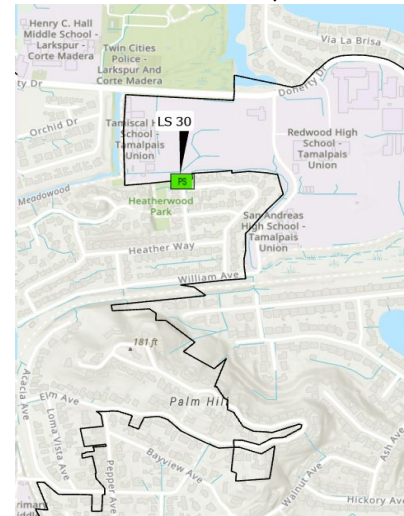


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LS 30 Heather Gardens Lift Station Improvements

Project Number: 908
Total Project Costs: \$2,035,000
Facility Type: Pump Station
Status: Construction
Project Description: Update aging lift station and separate it from a co-existing storm water pump station owned and operated by City of Larkspur. Install a new generator and fuel tank, removing reliance on portable generator for backup power.

Location Map:



Project Scope: Convert aging pump station to submersible pump station, separate from the existing combined storm/sanitary pump station location originally constructed by City of Larkspur. Install a new generator and fuel tank, removing reliance on portable generator for backup power.

Useful Life of Completed Project: 15 to 30 years

Risk Assessment/ Justification: Lift station reliability

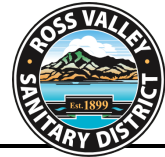
Operating Impact: Improve reliability at minor lift station, reducing O&M staff costs and overtime costs and reducing risk of overflows exacerbated by adjacent storm water pump station wet well.

Cross-Reference Project(s): City of Larkspur Storm Water Pump Station Renovation

Planning Document(s): 2021 IAMP

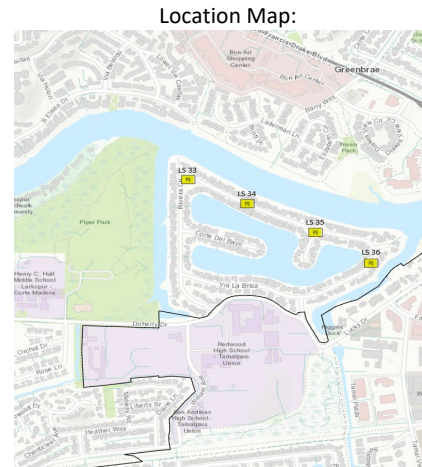
Source of Funds (in \$000)	Prior Years	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	Future Years	Total
Capital Fund	715	1,320							2,035
Revenue Bonds									
SRF Loans									
Other									
Total	715	1,320							2,035

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LS 33, 34, 35, 36 (Riviera Circle) Improvements

Project Number:	909
Total Project Costs:	\$2,200,000
Facility Type:	Pump Station
Status:	Planning
Project Description:	Update aging lift stations in Riviera Circle neighborhood known as Larkspur Marina



Project Scope: Convert aging pump stations to submersible pump stations, completing the lift station rehabilitations in the area (building on the LS 31 and LS 32 improvements).

Useful Life of Completed Project: 15 to 30 years

Risk Assessment/ Justification: Lift station reliability

Operating Impact: Improve reliability at minor lift stations, reducing O&M staff costs. Complete construction around same time as the Riviera Circle gravity sewer improvements in 27/28 Project.

Cross-Reference Project(s): FY 2027/28 Gravity Sewer Improvements, FM-33 Replacement


Planning Document(s): 2021 IAMP

Source of Funds (in \$000)	Prior Years	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	Future Years	Total
Capital Fund					200	2,000			2,200
Revenue Bonds									
SRF Loans									
Other									
Total					200	2,000			2,200

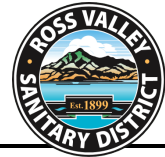


ROSS VALLEY SANITARY DISTRICT
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PS 15 Kentfield Capacity Improvements

Project Number: 912					Location Map: 				
Total Project Costs: \$2,525,000									
Facility Type: Pump Station									
Status: Planning									
Project Description: To address capacity deficiencies identified in the 2023 flow modeling study, increase firm capacity of PS15 from 37.9 MGD to 45.0 MGD, replacing three (3) large pumps (400 hp) and two standard dry weather pumps that were originally installed in 1997 and are showing signs of age. (two of the large pumps were replaced in 2023)									
LS 33, Replace three (3) 400 hp wet weather pumps at PS15 Kentfield with appropriate sized pumps to achieve increase in firm capacity to 45 MGD.									
Useful Life of Completed Project:					15 to 30 years				
Risk Assessment/ Justification:					Replacement of aging wet weather pumps at PS 15, address capacity issue identified in 2023 Capacity Evaluation Study				
Operating Impact:					Improve reliability at major pump stations				
Cross-Reference Project(s):					South Eliseo Force Main (FM-15) Capacity Improvements				
Planning Document(s):					2023 Wastewater Collection System Capacity Evaluation				
Source of Funds (in \$000)	Prior Years	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	Future Years	Total
Capital Fund					125	150	2,250		2,525
Revenue Bonds									
SRF Loans									
Other									
Total					125	150	2,250		2,525

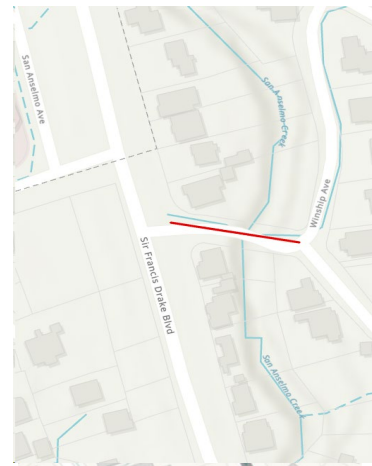
ROSS VALLEY SANITARY DISTRICT
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Winship Capacity Improvements and Bridge Sewer Relocation

Project Number:	946
Total Project Costs:	\$1,012,000
Facility Type:	Gravity Sewer
Status:	Design
Project Description:	Replacement of gravity sewer attached to bridge with a double-barrel siphon and redirection of system for hydraulic capacity deficiencies and coordination with Town of Ross flood control improvements at Winship Bridge

Location Map:



Project Scope: 100 LF double barrel siphon under San Anselmo Creek at Winship Bridge and 120 LF to redirect sewer southbound on Sir Francis Drake Blvd.

Useful Life of Completed Project:	70 Years
Risk Assessment/ Justification:	Hydraulic capacity deficiencies and elimination of an aerial creek crossing.
Operating Impact:	New siphon

Cross-Reference Project(s):	Town of Ross Winship Bridge
Planning Document(s):	2013 IAMP, SHECAP 2006

Source of Funds (in \$000)	Prior Years	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	Future Years	Total
Capital Fund	76		876						952
Revenue Bonds	60								60
SRF Loans									
Other									
Total	136		876						1,012

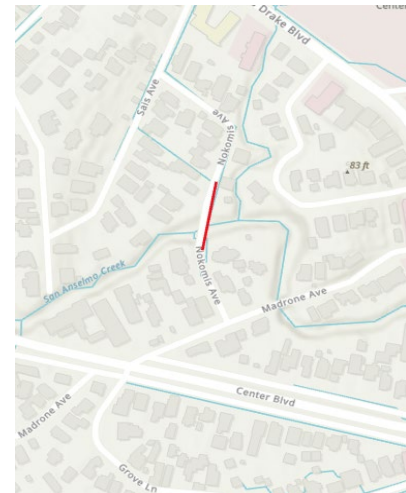


ROSS VALLEY SANITARY DISTRICT
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FOR THE FISCAL YEAR ENDED JUNE 30, 2026

Nokomis Bridge Sewer Relocation

Project Number: 952
Total Project Costs: \$827,000
Facility Type: Gravity Sewer
Status: Design
Project Description: Replacement of gravity sewer attached to bridge with a double-barrel siphon for structural rehabilitation and coordination with Town of San Anselmo flood control improvements at Nokomis Bridge.
 Estimated project timing: 2024

Location Map:



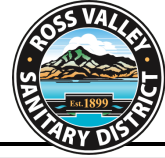
Project Scope: 100 LF double barrel siphon under San Anselmo Creek at Nokomis Bridge

Useful Life of Completed Project: 70 years
Risk Assessment/ Justification: Structural rehabilitation and elimination of an aerial creek crossing
Operating Impact: New siphon

Cross-Reference Project(s): Town of San Anselmo Nokomis Bridge
Planning Document(s): N/A

Source of Funds (in \$000)	Prior Years	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	Future Years	Total
Capital Fund	9			100	718				827
Revenue Bonds									
SRF Loans									
Other									
Total	9			100	718				827

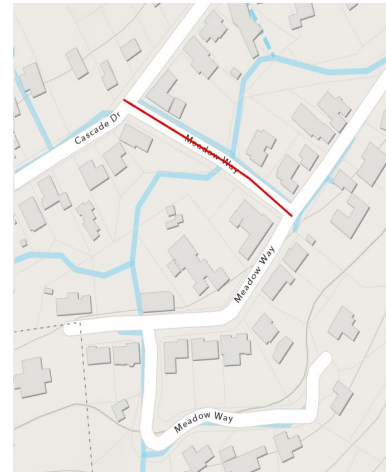
ROSS VALLEY SANITARY DISTRICT
ANNUAL BUDGET
FOR THE FISCAL YEAR ENDED JUNE 30, 2026



Meadow Way Bridge Sewer Relocation

Project Number: 954
Total Project Costs: \$205,000
Facility Type: Gravity Sewer
Status: Design
Project Description: Replacement of gravity sewer attached to bridge, including temporary sewer on temporary bridge as new bridge is constructed by Town of Fairfax.

Location Map:



Project Scope: Town of Fairfax is replacing the Meadow Way Bridge over San Anselmo Creek near Cascade Drive. This project will relocate an existing clay sewer between manholes including a 70-foot section of ductile iron sewer hung from the existing bridge. A temporary sewer will be installed on a temporary bridge during bridge construction.

Useful Life of Completed Project: 70-100 years

Risk Assessment/ Justification: Rehabilitate older clay sewer between manholes in addition to replacing the sewer attached to the existing bridge.

Operating Impact: Reduce frequency of line maintenance activities.

Cross-Reference Project(s): Town of Fairfax Meadow Way Bridge Replacement

Planning Document(s): N/A

Source of Funds (in \$000)	Prior Years	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	Future Years	Total
Capital Fund	5	80	120						205
Revenue Bonds									
SRF Loans									
Other (CDFW grant)									
Total	5	80	120						205

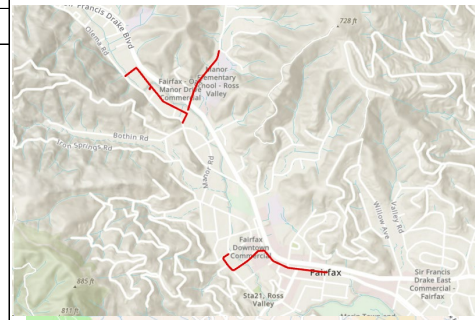


ROSS VALLEY SANITARY DISTRICT
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FOR THE FISCAL YEAR ENDED JUNE 30, 2026

Fairfax Capacity and Creek Crossings Project

Project Number:	957
Total Project Costs:	\$6,000,000
Facility Type:	Gravity Sewer
Status:	Design
Project Description:	The project will replace approximately 3,259 linear feet of existing sanitary sewer main in the Westbrae/Olema and Oak Manor areas, primarily through pipe bursting methods and three creek crossings. For capacity, upsize 405 feet of 15-inch gravity main to 18-inch gravity main on Spruce Road and Park Road from Arroyo Road to Merwin Avenue, with a parallel siphon (10-inch and 15-inch diameter) to cross the creek. Install 2,000 feet of 18-inch gravity main eastward along Merwin & Broadway to Pacheco.

Location Map:



Project Scope: Construct relief sewer through downtown Fairfax to prevent surcharging and overflows in downtown area during intense storms, including new dual siphon beneath Fairfax Creek along Merwin Ave. Increase capacity of Westbrae/Hawthorne area by increasing diameters in easements and installing a new sewer on Olema Road. Addresses Capacity issue 8 at Oak Manor area.

Useful Life of Completed Project: 70-100 years

Risk Assessment/ Justification: Capacity assurance, I&I reduction, SSO reduction, and O&M improvements

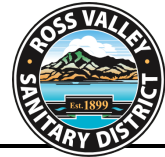
Operating Impact: Lower the risk of spills and I&I associated with large storm events. Includes new siphon.

Cross-Reference Project(s): System Hydraulic Evaluation and Capacity Assurance, 2006

Planning Document(s): 2023 Wastewater Collection System Capacity Evaluation

Source of Funds (in \$000)	Prior Years	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	Future Years	Total
Capital Fund	463	350	5,187						6,000
Revenue Bonds									
SRF Loans									
Other									
Total	463	350	5,187						6,000

ROSS VALLEY SANITARY DISTRICT
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FY 2024/25 Gravity Sewer Improvements

Project Number: 958

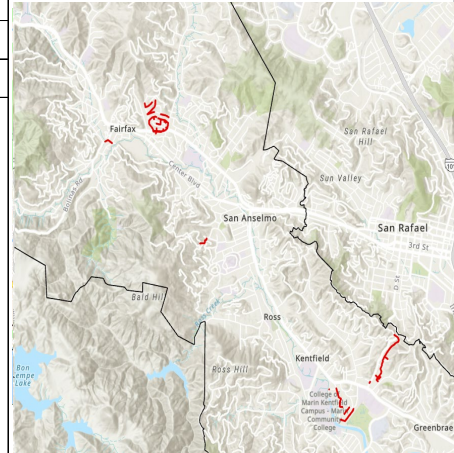
Total Project Costs: \$7,300,000

Facility Type: Gravity Sewer

Status: Construction

Project Description: Replace approximately 2.8 miles of sewer segments prioritized in the 2023 data model update of the 2021 IAMP, as well as maintenance priorities, primarily installed via the pipebursting method.

Location Map:



Project Scope: Includes highest risk sewer at Sherman and Bolinas Rd. in Fairfax, and other higher risk sewers of Rutherford/Suffield in San Anselmo, Sir Francis Drake at Fairfax/San Anselmo border, Wolfe Canyon upstream of 22/23 project improvements, Stadium Way fly line to mitigate trunkline back-up risk to residents, and Berens, McAllister, Lancaster to reduce I&I and salt intrusion.

Useful Life of Completed Project: 70-100 years

Risk Assessment/ Justification: Structural rehabilitation, I&I reduction, spill reduction, salt intrusion reduction and O&M improvements

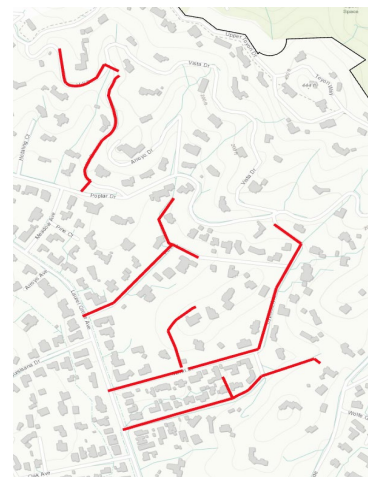
Operating Impact: Reduce frequency of line maintenance activities and spills on public and private sewers, lower the risk of spills and I&I. Reduce salt water intrusion that affects recycled water quality.

Cross-Reference Project(s): N/A

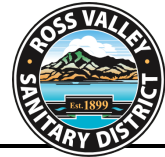
Planning Document(s): 2021 IAMP

Source of Funds (in \$000)	Prior Years	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	Future Years	Total
Capital Fund	3,100	4,200							7,300
Revenue Bonds									
SRF Loans									
Other									
Total	3,100	4,200							7,300




Palm-Mann-Cypress Gravity Sewer Improvements Project									
Project Number: 959					Location Map: 				
Total Project Costs: \$4,400,000									
Facility Type: Gravity Sewer									
Status: Design									
Project Description: In advance of planned paving by Marin County, approximately 1.37 miles of rehabilitation and upsizing of gravity sewer mostly by trenchless pipebursting and some open cut/trench construction where pipebursting not feasible. Sewers are higher risk assets prioritized in the 2023 wastewater capacity evaluation and gravity lines with maintenance and access issues identified through SSMP.									
Project Scope:					Rehabilitate 1.37 miles of pipe and manhole assets upstream of a Priority 1 capacity issue identified in Laurel Grove Avenue in Wastewater Collection System Capacity Evaluation of 2023. Project triggered by planned paving by Marin County along Palm Ave., Mann Ave., Cypress Ave., Poplar Ave., Arroyo Ave., and connected streets and easements in Kentfield.				
Useful Life of Completed Project:					70-100 years				
Risk Assessment/ Justification:					Structural rehabilitation, I&I reduction, SSO reduction, and O&M improvements. Capacity increase.				
Operating Impact:					Pipe maintenance frequency will decrease. Risk of capacity related overflows in Laurel Grove Ave. trunk sewer will decrease by targeted reduction in I&I in branch sewers and lower laterals.				
Cross-Reference Project(s):					System Hydraulic Evaluation and Capacity Assurance, 2006				
Planning Document(s):					2023 Wastewater Collection System Capacity Evaluation				
Source of Funds (in \$000)	Prior Years	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	Future Years	Total
Capital Fund	200	4,200							4,400
Revenue Bonds									
SRF Loans									
Other									
Total	200	4,200							4,400

ROSS VALLEY SANITARY DISTRICT
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Lower FM-14 Bypass Force Main Replacement

Project Number:	961	Location Map: 
Total Project Costs:	\$500,000	
Facility Type:	Force Main	
Status:	Planning	
Project Description:	Replacement of Damaged Bypass Force Main Section of FM-14 that conveys wastewater from PS14 - Larkspur to PS13 - Greenbrae. Installation of replacement pipe and air release valve(s) to reinstate secondary force main.	
Project Scope:		Replacement of damaged force main at Bon Air Center (FM-14).
Useful Life of Completed Project:	70 years	
Risk Assessment/ Justification:	Replace damaged section of 60-year-old force main which had a spill because of corrosion caused by a high point w/ no ARV.	
Operating Impact:	Create flexibility in wet weather operations through ability to divert PS14 (Larkspur) flows to PS13 (Greenbrae), increasing capacity of the FM-2 line that conveys flows from the largest PS15 (Kentfield). Enables shut down of FM-2 force main for maint.	
Cross-Reference Project(s):	Bon Air Force Main Lining (FM-15 and FM-14)	
Planning Document(s):	N/A	

Source of Funds (in \$000)	Prior Years	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	Future Years	Total
Capital Fund		200	300						500
Revenue Bonds									
SRF Loans									
Other									
Total		200	300						500

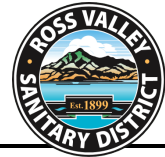


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Bon Air Force Main Lining (FM-15 and FM-14)	
Project Number:	962
Total Project Costs:	\$1,500,000
Facility Type:	Gravity Sewer
Status:	Planning
Project Description:	Slip Line with HDPE Approximately 1,417 feet of 36" Techite Force Main that bypasses FM-15 and FM-14 flows around PS13 (and away from FM-2) into FM-13 at the Bon Air Shopping Center. Also Slipline about 528 feet of FM-14 from the Isolation Valve at South Eliseo up to the FM-14 repair location in Bon Air Shopping Center.
	<p style="text-align: center;">Location Map:</p>
Project Scope:	Place bypass force main system back into service in the Bon Air Center area, increasing operational flexibility especially during wet weather. Slipline FM-15 bypass force main with HDPE. This was the original route of the FM-15 force main installed in 1969 before FM-2 was installed along the Corte Madera Creek multi-use path in 1986. Also slipline the metallic portion of bypass force main FM-14 between the Isolation Valve at South Eliseo and the Replaced portion of Lower FM-14 (Project No. 961)
Useful Life of Completed Project:	70-100 years
Risk Assessment/ Justification:	Restore integrity of Techite and Steel force mains by slip lining with HDPE, similar to what was done with FM-15 on Bike Path at Creekside Park.
Operating Impact:	Enable shut downs of FM-14 and FM-2 force mains through use of the bypass force main through Bon Air Shopping Center, so that these force mains can be inspected or maintained as needed.
Cross-Reference Project(s):	Lower FM-14 Repair and Replacement Project
Planning Document(s):	2013 IAMP

Source of Funds (in \$000)	Prior Years	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	Future Years	Total
Capital Fund				100	1,400				1,500
Revenue Bonds									
SRF Loans									
Other									
Total				100	1,400				1,500

ROSS VALLEY SANITARY DISTRICT
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South Eliseo Force Main FM-15 Capacity Improvements

Project Number:	964
Total Project Costs:	\$2,200,000
Facility Type:	Gravity Sewer
Status:	Planning
Project Description:	Install 1,789 feet of parallel 32" force main to FM-15 from Bon Air Bridge, under Bon Air Road, to PS 24 along South Eliseo Drive to address a priority capacity issue identified in the 2023 Capacity Evaluation

Location Map:



Project Scope: Installation of 1,789 feet of 32" parallel force main by open cut methods

Useful Life of Completed Project: 70-100 years

Risk Assessment/ Justification: Address under-sized portion of FM-15 force main system confirmed in 2023 Wastewater Capacity Evaluation

Operating Impact: Ensures capacity of PS15, FM-15 system through design storm conditions

Cross-Reference Project(s): PS 15 Kentfield Capacity Improvements


Planning Document(s): 2023 Wastewater Collection System Capacity Evaluation

Source of Funds (in \$000)	Prior Years	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	Future Years	Total
Capital Fund					200	2,000			2,200
Revenue Bonds									
SRF Loans									
Other									
Total					200	2,000			2,200



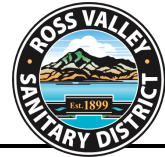
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FM-33 Force Main Replacement Project

Project Number:	965	<div>Location Map:</div> 
Total Project Costs:	\$1,900,000	
Facility Type:	Gravity Sewer	
Status:	Planning	
Project Description:	Install 1,545 feet of 4-inch diameter force main to replace 1960s tidal creek crossing and Sch40 PVC force main through Drake's Landing neighborhood. Includes approximately 663 feet of HDPE force main under tidal inlet and wetlands crossing, installed by horizontal directional drilling.	
Project Scope:	Install 1,545 feet of 4-inch diameter force main to replace 1960s tidal creek crossing and Sch40 PVC force main through Drake's Landing neighborhood. Includes approximately 663 feet of HPDE force main under tidal inlet and wetlands crossing, installed by horizontal directional drilling.	
Useful Life of Completed Project:	70-100 years	
Risk Assessment/ Justification:	Address aging force main installed under Corte Madera Creek in the 1960s that includes rubber hose and schedule 40 PVC materials.	
Operating Impact:	Ensures wastewater from Larkspur Marina is sustainably conveyed to the PS12 pump station	
Cross-Reference Project(s):	LS 33, 34, 35, 36 Improvements	
Planning Document(s):		

Source of Funds (in \$000)	Prior Years	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	Future Years	Total
Capital Fund			250	1,650					1,900
Revenue Bonds									
SRF Loans									
Other									
Total			250	1,650					1,900

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FY 2026/27 Gravity Sewer Improvements

Project Number: 970		<div>Location Map:</div>							
Total Project Costs: \$6,000,000									
Facility Type: Gravity Sewer									
Status: Planning									
Project Description: Replace approximately 2 miles of sewer segments including shallow sewers in City of Larkspur in the Diane Lane area and Larkspur Plaza Dr. to eliminate LS37. Also replace sewers prioritized in the 2023 data model update of the 2021 IAMP, as well as maintenance priorities, primarily installed via the pipebursting method.									
Project Scope: Includes shallow sewers in the Diane Lane area that drain to refurbished LS30 (Heather Gardens) where there is a history of spills during wet weather. Includes deepening the sewer on Larkspur Plaza Dr. so that Lift Station 37 is no longer necessary to convey from the Larkspur Isle area to PS14. Includes other various high priority sewers identified in the 2023 update of the IAMP.									
Useful Life of Completed Project: 70-100 years									
Risk Assessment/ Justification: I&I reduction, spill reduction, and reduction of O&M maintenance for storm patrols and upkeep of Lift Station 37 including service call-related alarms.									
Operating Impact: Reduce frequency of line maintenance activities and spills on public and private sewers, lower the risk of spills and I&I.									
Cross-Reference Project(s): LS 30 (Heather Gardens) Improvements									
Planning Document(s): 2023 Update of 2021 IAMP									
Source of Funds (in \$000)	Prior Years	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	Future Years	Total
Capital Fund			2,000	4,000					6,000
Revenue Bonds									
SRF Loans									
Other									
Total			2,000	4,000					6,000



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FY 2027/28 Gravity Sewer Improvements

Project Number:	971
Total Project Costs:	\$7,600,000
Facility Type:	Gravity Sewer
Status:	Planning
Project Description:	Replace approximately 1.5 miles of sewer segments including sewers in City of Larkspur's Larkspur Marina neighborhood (Riviera Circle) mostly by open cut method due to extensive sags in bay mud. Also replace sewers prioritized in the 2023 data model update of the 2021 IAMP, as well as maintenance priorities, primarily installed via the pipebursting method.

Location Map:

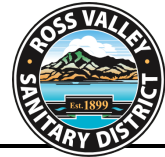


Project Scope: Includes sewers in the Larkspur Marina neighborhood (Riviera Circle) that have subsided due to unsteady bay mud soils, leading to infiltration of groundwater that is tidally influenced, causing salt water intrusion. Includes other various high priority sewers identified in the 2023 update of the IAMP.

Useful Life of Completed Project:	70-100 years
Risk Assessment/ Justification:	I&I reduction, spill reduction, reduction of O&M line maintenance and repair activities, reduction of salt water intrusion into CMSA system.
Operating Impact:	Reduce frequency of line maintenance activities and spills on public and private sewers, lower the risk of spills and I&I, reduce salt water intrusion that affects recycled water quality.
Cross-Reference Project(s):	LS 33, 34, 35, 36 Improvements, FM-33 Replacement
Planning Document(s):	2023 Update of 2021 IAMP

Source of Funds (in \$000)	Prior Years	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	Future Years	Total
Capital Fund				1,600	6,000				7,600
Revenue Bonds									
SRF Loans									
Other									
Total				1,600	6,000				7,600

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FY 2028/29 Gravity Sewer Improvements

Project Number:	972	Location Map:
Total Project Costs:	\$4,950,000	
Facility Type:	Gravity Sewer	
Status:	Planning	
Project Description:	Replace approximately 2 miles of sewer segments prioritized in the 2023 data model update of the 2021 IAMP, as well as maintenance priorities, primarily installed via the pipebursting method.	
Project Scope:	Includes various high priority sewers identified in the 2023 data model update of the 2021 IAMP.	
Useful Life of Completed Project:	70-100 years	
Risk Assessment/ Justification:	I&I reduction, spill reduction, reduction of O&M line maintenance and repair activities.	
Operating Impact:	Reduce frequency of line maintenance activities and spills on public and private sewers, lower the risk of spills and I&I	
Cross-Reference Project(s):		
Planning Document(s):	2023 Update of 2021 IAMP	

Source of Funds (in \$000)	Prior Years	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	Future Years	Total
Capital Fund					450	4,500			4,950
Revenue Bonds									
SRF Loans									
Other									
Total					450	4,500			4,950