



MEMORANDUM

Date: MAY 4, 2017

To: BOARD OF PUBLIC UTILITIES

From: COLLEEN FERGUSON, DEPUTY DIRECTOR – CAPITAL PROJECTS ENGINEERING

Subject: QUARTERLY CAPITAL IMPROVEMENT PROGRAM PROJECTS UPDATE:
JANUARY – MARCH 2017

Each Capital Improvement Program (CIP) quarterly update is presented in two parts: an overview-level staff briefing presentation and this written communication that includes detailed information. Attached are the following:

- Quarterly Expenditures Over \$5,000 By Project, January – March 2017
- Capital Improvement Mid-Year Transfers, January – March 2017
- CIP Project Schedule, April 2017 – March 2018

For Fiscal Year 2016-17, Council authorized the issuance of Project Work Orders under Master Professional Services Agreements with a cumulative not to exceed sum of **\$15 million**. Project work order activity for the January – March 2017 quarter totaled **\$2,754,556** and project work activity for the 2016-17 fiscal year totaled **\$5,432,707** leaving a balance of **\$9,567,920**.

A complete list of all of the City's CIP projects and funds budgeted to each project is available in the 2016/17 Capital Improvement Program budget document that is posted on the City's public web site.

Please contact me with any questions or comments on this quarter's CIP projects update at 543-3852 or cferguson@srcity.org.

City of Santa Rosa
Capital Improvement Program
Quarterly Expenditures Over \$5,000 By Project - Water
January 1, 2017 through March 31, 2017

Project ID	Project Name	Expenditures
64	Master Plans	\$ 21,878.12
156	Alderbrook Dr, Rosedale Ave, Macklyn Ave & Talbot Ave - Sewer and Water Improvements	\$ 101,941.40
158	North Trunk Sewer Replacement - Mendocino Ave to Terra Linda Dr	\$ 22,286.66
223	Mohawk Street Lift Station & Force Main Realignment - Phase I	\$ 17,537.40
227	Fulton Rd Lift Station	\$ 5,482.44
242	Water Supply and Wastewater Planning	\$ 30,626.28
244	Water Conservation Indoor Water Use Efficiency	\$ 10,366.50
284	Laguna Treatment Plant Ultraviolet Disinfection Replacement	\$ 203,818.46
292	Warranty Punch List	\$ 15,391.62
468	Foley Ave Sewer Improvements	\$ 437,510.85
490	Master Meter Linwood, 3 Locations	\$ 14,897.87
491	R9C Decommission and Demolition	\$ 9,581.12
512	Citywide Technology Projects	\$ 12,325.73
544	Santa Rosa Regional Water Reuse Plant Flood Protection	\$ 15,296.11
568	Seismic Upgrades and Improvements Phase 4 - R3, R6, R7 & R12B And Various Other Site Improvements - S1, S2, R6 & R12A	\$ 17,134.91
702	Courthouse Square Reunification	\$ 138,232.71
727	Stony Point Road Widening and Reconstruction Phase 2 - Sebastopol Road to Hearn Ave	\$ 118,790.56
1110	Delta Pond Diffuser Discharge Compliance Project	\$ 6,304.12
1447	Energy Optimization Plan	\$ 5,998.83
1459	Mohawk Lift Station and Forcemain Realignment - Phase II	\$ 21,700.95
1568	Augustan, El Camino and Grosse Sewer and Water Replacement	\$ 32,237.20
1570	Spring Lake Lift Station Improvements	\$ 14,425.58
1582	Elizabeth Way Sewer and Water Replacement	\$ 11,246.39
1631	Fountaingrove Pkwy Water Main Upsize for High Fire Severity Zone	\$ 331,241.74
1641	Pre Design, Planning, Budget, GIS Support	\$ 71,841.01
1675	Montgomery Dr Water Replacement - Mission Blvd to Jackson Dr	\$ 20,173.63
1722	Water Pump Station 3 Modifications	\$ 6,870.67
1765	AMI/AMR Feasibility Study and Implementation	\$ 406,088.38
1801	R7 Road Access Stabilization Repairs	\$ 28,982.52
1805	Oakmont Treatment Plant Sewer Trunk Relocation	\$ 44,522.83
1807	Remove Services from S1 Feed Fountaingrove Pkwy, Mendocino Ave to Round Barn Blvd	\$ 56,370.33
1883	High Strength Waste Receiving Facility	\$ 12,581.66
1885	Subregional System Master Plan	\$ 85,720.67
1889	LTP Maintenance Building Office Expansion	\$ 9,043.93
1896	W 6th St at Madison St Sewer and Water Improvements	\$ 11,799.93
1903	Los Alamos Trunk Replacement: Streamside Dr to Elaine Dr	\$ 48,202.36
1943	Vallejo Street Trunk Sewer Junction Structure Modifications	\$ 7,124.28
1944	Sewer Main Lining, Manhole and Lateral Rehab At Various Locations 2016	\$ 76,727.09

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Capital Improvement Program
Quarterly Expenditures Over \$5,000 By Project - Water
January 1, 2017 through March 31, 2017

Project ID	Project Name	Expenditures
1951	Brown Farm Pond Drain to Llano Trunk Sewer	\$ 17,381.01
1952	Geysers Pipeline Stabilization - Eastside Road	\$ 22,334.91
1957	Laguna Treatment Plant Onsite Diversion System	\$ 11,322.99
1959	Natural Gas Engine Conversion - Combined Heat and Power Facility	\$ 19,993.46
1965	Emergency Well Pump Station- A Place to Play	\$ 152,760.79
1969	Seismic and Water Quality Evaluations of R16, 17 and 9A and Electrical Evaluations of S2, S16, S17 & S18.	\$ 12,504.75
1980	NPDES Compliance Consultation Services	\$ 47,957.64
1984	Laboratory Information Management System Replacement	\$ 23,553.52
1995	SCTPW Pavement Preservation Program - 2016	\$ 8,407.66
1996	E St Sewer Replacement - 2nd St to Santa Rosa Creek	\$ 24,135.39
1999	Cobblestone Dr Zone R2-R4 Water Main Connection	\$ 16,030.60
2004	Alvarado Ave and Mt Olive Dr Water and Sewer Improvements	\$ 31,648.91
2012	Alpha Farm Biosolids Storage Facility Fire Sprinkler System Freeze Protection	\$ 5,970.62
2041	Cleveland Ave and 7th Street Lateral Installation and Sewer Main Abandonment	\$ 44,069.76
2042	Llano Trunk Lining - W College Utilities Facility and W 3rd St	\$ 11,810.00
2047	Nutrient Removal Infrastructure Improvements	\$ 10,756.32
2057	Replacement of Computer Maintenance Management System	\$ 22,435.73
2064	Laguna Treatment Plant - Primary Treatment Structure Upgrade - Phase 1	\$ 266,842.99
2083	Emergency Groundwater - Oakmont and Speers Wells	\$ 23,837.04

ChargeNo	Project Name	Expenditures
55505	Warranty Punch List - Water	\$ 7,067.15
55523	Groundwater Supply Development	\$ 12,945.96
55691	Farmers Lane Well and Treatment Plant Rehabilitation	\$ 63,703.31
70345	Reclamation System Improvements (Land Purchases)	\$ 30,658.82
70620	CCTV and Sonar Trunk Sewer Main Inspection	\$ 16,383.64
70755	SM Replace: Post Ct. and Simpson Place	\$ 28,374.54
86489	LTP On-Call Contractor	\$ 86,898.73
86534	Flood Protection	\$ 14,304.71

City of Santa Rosa
2016/17 Capital Improvement Mid-Year Transfers - Water
January 1, 2017 through March 31, 2017

Date of Transfer	Project			Source of Funds	
	JL Key	Title	Transferred	JL Key	Title
1/3/2017	55601-00	WMR Santa Catalina Way	\$120,000	55526-00	OversizeWM-City Participation
			\$130,000	55522-00	Fire Hydrant Installations
			\$13,000	55586-00	WSR Salem Avenue
			\$137,000	55649-00	Farmers Lane Sentry Well
1/3/2017	55693-00	Remove Services From S1 Feed	\$63,000	55649-00	Farmers Lane Sentry Well
1/3/2017	55707-00	Misc Minor Contracts - Water	\$150,000	55685-00	Pump Station Elec System Evaluation
1/3/2017	55733-00	WM Replace: Mt Olive Drive	\$125,000	55637-00	WMR Austin Way Area
1/3/2017	55683-00	WMR: Elizabeth-ParsonstoTown&Country	\$200,000	55703-00	WMR: JenningsHerberttoCleveland
1/3/2017	70551-00	Local Repairs-Urgent Projects	\$150,000	70464-00	Oversized Sewer Mains - City Participation
1/3/2017	70771-00	SM Replace: Alvarado Avenue	\$500,000	70517-00	Trenchless Technology
1/3/2017	70722-00	SMR: Elizabeth-ParsonstoTown&Country	\$200,000	70608-00	SMR: CarrDavisTheresaOlive
1/3/2017	70346-00	Sewer Flowmeter Infrastructure	\$400,000	70621-00	W College Pond 2 Decommission
1/3/2017	70553-00	Warranty Punchlist - Sewer	\$25,000		
1/3/2017	70756-00	Cross Town Trunk Improvements	\$250,000	70549-00	SM Replace: Mendocino Avenue
1/3/2017	70752-00	SMR: Pacific Ave W of North	\$45,000	70736-00	SMR: Wiljan Court

City of Santa Rosa
2016/17 Capital Improvement Mid-Year Transfers - Water
January 1, 2017 through March 31, 2017

Date of Transfer	Project			Source of Funds	
	JL Key	Title	Transferred	JL Key	Title
1/3/2017	70746-00	SM Lining - 15 Locations - 2015	\$500,000	70738-00	Los Alamos TR: Elaine to Melita
1/3/2017	70767-00	Cleveland Ave Sewer Main	\$250,000		
1/3/2017	70760-00	SMR: Est-2ndSttoSantaRosaCreek	\$100,000	70733-00	SM Abandon: Foley
1/3/2017	70746-00	SM Lining - 15 Locations - 2015	\$90,000	70626-00	SMR Pierce St - Bond Funded
			\$110,000	70727-00	Shelter Structure - WW
1/19/2017	70773-00	North Trunk Lining - Stony Point	\$1,850,000	70774-00	Llano Trunk Lining - Colgan Creek
			\$470,000	70668-00	Airport, Robles, Llano TS Repair
			\$105,000	70590-00	Local WW CIP Contingency
2/2/2017	86569-00	Nutrient Removal Infrastructure Improvements	\$500,000	-	Increase appropriations per resolution #RES-2017-10
2/2/2017	86520-00	LTP Admin Refurbishment	\$525,000	-	
2/2/2017	86347-00	Security Gate	\$150,000	-	
2/2/2017	86571-00	Subregional Mitigation Bank Development	\$100,000	-	
2/2/2017	86458-00	Subregional CIP Contingency	\$525,000	-	
2/8/2017	86529-00	Sanford-EastsideInvestigation-Repair	\$40,000	86523-00	Plant Paving Rehabilitation
2/8/2017	86533-00	Structural Improvements LTP	\$379,303	51055-00	IRWP - Phase II
2/8/2017	51055-00	IRWP - Phase II	\$379,303	86533-00	Structural Improvements LTP

City of Santa Rosa
2016/17 Capital Improvement Mid-Year Transfers - Water
January 1, 2017 through March 31, 2017

Date of Transfer	Project			Source of Funds	
	JL Key	Title	Transferred	JL Key	Title
2/8/2017	86533-00	Structural Improvements LTP	\$125,000	86536-00	NPDES Compliance
2/8/2017	86536-00	NPDES Compliance	\$125,000	86533-00	Structural Improvements LTP
2/8/2017	86489-00	LTP On-Call Contractor	\$55,000	86523-00	Plant Paving Rehabilitation
			\$125,000	86536-00	NPDES Compliance
2/9/2017	70777-00	Vallejo St Trunk Jnc Modifications	\$300,000	70590-00	Local WW CIP Contingency
2/10/2017	70778-00	SR Creek at Fulton Lining Repair	\$200,000		
2/15/2017	86509-00	Disinfection Upgrade	\$224,785	86556-00	Geysers HypoChlorination System
2/15/2017	70620-00	CCTV/Sonar Trunk SM Inspections	\$171,256	70311-00	Sewer Monitoring
3/1/2017	70676-00	Local WW Business Automation Plan	\$361,245	70513-00	Local WW Business & Automation Plan
3/10/2017	86589-00	ReplcChillersHVACPLCAdminBldg	\$325,000	51055-00	IRWP - Phase II
3/10/2017	86590-00	Recycled Wtr Pond Mtrg Valve Improvements	\$200,000	86536-00	NPDES Compliance

City of Santa Rosa - CIP Schedule for Capital Projects Engineering - Water (April 1, 2017 to March 31, 2018)

Proj. ID	Name												2018		
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar		
158	North Trunk Sewer Replacement - Mendocino Ave to Terra Linda Dr														
284	Laguna Treatment Plant Ultraviolet Disinfection Replacement														
468	Foley Ave Sewer Improvements														
490	Master Meter Linwood, 3 Locations														
491	R9C Decommission and Demolition														
544	Santa Rosa Regional Water Reuse Plant Flood Protection														
547	Blackwell Tract Sewer and Water Replacement (SPSD)														
568	Seismic Upgrades and Improvements Phase 4 - R3, R6, R7 & R12B And Various Other Site Improvements - S1, S2, R6 & R12A														
1521	Mendocino Ave Easement South of Dawson Road Sewer Main Replacement														
1570	Spring Lake Lift Station Improvements														
1582	Elizabeth Way Sewer and Water Replacement														
1801	R7 Road Access Stabilization Repairs														
1807	Remove Services from S1 Feed Fountaingrove Pkwy, Mendocino Ave to Round Barn Blvd														
1839	Farmers Ln Well and Treatment Plant Rehabilitation														
1883	High Strength Waste Receiving Facility														
1889	LTP Maintenance Building Office Expansion														
1896	W 6th St at Madison St Sewer and Water Improvements														
1903	Los Alamos Trunk Replacement: Streamside Dr to Elaine Dr														
1909	Slope Protection on Northerly Slopes of Ponds C, D, and Delta														
1939	Santa Rosa Water Local On-Call Repair and Installation - Phase 16														

Reported: Mon 4/17/17

Design



















Split



Construction



City of Santa Rosa - CIP Schedule for Capital Projects Engineering - Water (April 1, 2017 to March 31, 2018)

Proj. ID	Name	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2018 Jan	Feb	Mar
1943	Vallejo Street Trunk Sewer Junction Structure Modifications												
1944	Sewer Main Lining, Manhole and Lateral Rehab At Various Locations 2016												
1952	Geysers Pipeline Stabilization - Eastside Road												
1957	Laguna Treatment Plant Onsite Diversion System												
1961	Laguna Treatment Plant On-Call Repair and Installation												
1965	Emergency Well Pump Station- A Place to Play												
1966	Montgomery Bridge Sewer Main Protection												
1969	Seismic and Water Quality Evaluations of R16, 17 and 9A and Electrical Evaluations of S2, S16, S17 & S18.												
1995	SCTPW Pavement Preservation Program - 2016												
1996	E St Sewer Replacement - 2nd St to Santa Rosa Creek												
1999	Cobblestone Dr Zone R2-R4 Water Main Connection												
2015	Seal Coat Water and Sewer Stations, Fire Training Station, and Parking Lots 13,14 & Depot												
2041	Cleveland Ave and 7th Street Lateral Installation and Sewer Main Abandonment												
2042	Llano Trunk Lining - W College Utilities Facility and W 3rd St												
2051	Laguna Treatment Plant Primary Influent Pump Drive Replacement												
2064	Laguna Treatment Plant - Primary Treatment Structure Upgrade - Phase 1												
2072	Water Pump Station 3 Power Filter												
2078	ARV Replacements on Sewer Force Mains												
2079	Farmers Lane TP Well Pump Replacements												
2081	Post Ct and Simpson PI Sewer Replacements												

Reported: Mon 4/17/17

Design



Split



Construction



City of Santa Rosa - CIP Schedule for Capital Projects Engineering - Water (April 1, 2017 to March 31, 2018)

Proj. ID	Name												2018
		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2083	Emergency Groundwater - Oakmont and Speers Wells												
2084	Emergency Groundwater - Madrone Wells												