

City of Pleasanton, CA

FY 2020/21 Mid-Term Update

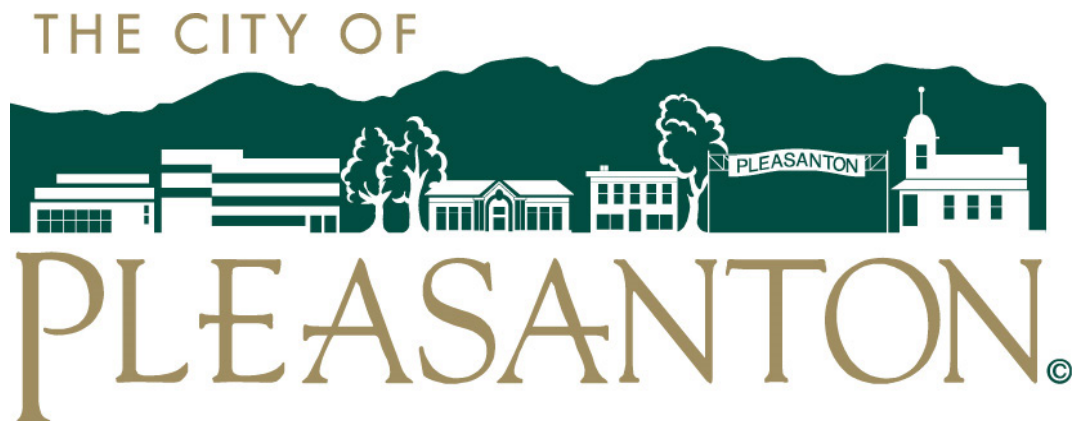
Capital Improvement Program



PLEASANTON

CITY OF PLEASANTON, CALIFORNIA CAPITAL IMPROVEMENT PROGRAM

Mid-Term Update FY 2020/21



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MID-TERM CAPITAL IMPROVEMENT PROGRAM

FY 2020/21

In June 2019, the City Council adopted the Capital Improvement Program (CIP) for Fiscal Years 2019/20 through 2022/23 and approved the funding for all projects included in Fiscal Years 2019/20 and 2020/21. In anticipation of work beginning on projects approved for FY 2020/21, this Mid-Term review of the CIP is intended to (1) ensure that revenues are available to fund approved projects, (2) amend, add or delete new and existing projects so they are consistent with current funding, workloads and scheduling, (3) assure consistency with the adopted City Council priorities, and (4) meet community expectations. This document highlights the result of that review.

The City Council must approve amendments to the CIP and such approval only directly impacts FY 2020/21 projects since those in the final two years of the program (FYs 2021/22 and 2022/23) continue to be for planning purposes only and are based on currently identified needs and revenue projections which are subject to change. In addition, future modifications to Council priorities may result in changes to projects when the new 4-year CIP is prepared in the spring of 2021. Staff will continue to review and update the CIP annually considering changes in community needs and the City's ability to fund specific projects.

Program Overview

The FY 2020/21 Mid-Term CIP budget discusses CIP revenues and transfers, project expenditures, and lists amendments, including recommended new projects. In addition to this narrative, the document includes the following attachments:

- Attachment A – Four summary financial tables of all CIP financial resources, projects and ending fund balances for FY 2020/21
- Attachment B – Project Description Sheets for six new, four amended and one re-budgeted projects added as part of this Mid-Term CIP
- Attachment C – Ten detailed financial tables showing all projected revenue and expenditures for the five CIP categories of Streets, Parks, Miscellaneous, Water and Sewer.

FY 2020/21 Mid-Term CIP

The FY 2020/21 Mid-Term CIP includes \$2.7 million for 11 projects including funding to cover a funding shortfall. As described in more detail below, there are a total of six new projects and four existing project that require additional funding. There is another existing project, Pioneer Cemetery South Hill Improvements for \$800,000 that does not require additional funding but for which staff is proposing to consolidate with the Pioneer Cemetery CIP Master Plan Implementation funding to create a separate project. Finally, there are the following CIP fund level transfers (1) a re-allocation of \$370,000 from the General Fund CIP Reserve to cover a shortfall in the Miscellaneous CIP – General Fund caused by the \$2.5 million reduction to the FY 2020/21 General Fund transfer to the CIP, (2) transfer of the \$183,000 balance from City Hall Office Building and Civic Center Site Improvement reserve to Capital Improvement Program Reserve (CIPR), and (3) transfer of \$720,000 balance from Traffic Impact Bernal Property fund to Traffic Impact Fees fund.

New Projects

The following projects have been added to the CIP that will require funding allocations in FY 2020/21:

TABLE 1: New Projects Added to the FY 2020/21 CIP

Project	FY 2020/21 CIP	CIP Program	Funding Source
Workplace Improvements for Re-entry	\$1,000,000	Miscellaneous	General Fund CIP Reserve
Santa Rita Fiber Interconnect	180,000	Transportation and Streets	Traffic Impact Fees
Emergency Power Improvements for Utility Systems	50,000	Water	Water Replacement CIP
Emergency Power Improvements for Utility Systems	50,000	Sewer	Sewer Replacement CIP
Val Vista Underdrain Design	100,000	Storm Drain Replacement and Renovation	General Fund CIP Reserves
Fire Training Tower	230,000	Miscellaneous	Facilities Renovation Fund
Total	\$1,610,000		

As described above, the FY 2020/21 CIP includes approximately \$1.6 million to fund six new projects. Of that amount, approximately \$330,000 will fund two projects that are considered State of Good Repair projects: design of the Val Vista Underdrain and major repairs to the Fire Training Tower. Approximately \$1.3 million funds four Enhancement projects including (1) the Workplace Improvements for Re-entry project that will help fund improvements in City owned facilities to facilitate social distancing required for the City to re-open its buildings to employees and the public, (2) \$180,000 for the Santa Rita Fiber Interconnect project that will install fiber optic along Santa Rita road that will connect to the City's Traffic Management Center to help facilitate managing traffic with real time data and (3) a total of \$100,000 for emergency power improvements for Utility Systems to prepare the City's water and sewer systems for power outages. Detailed descriptions of these projects are included in Attachment B of this report.

Existing CIP Projects – Additional Funding

The following projects that have received funding in previous fiscal years will require additional funding to complete the project.

TABLE 2: Existing Projects – Additional Funding

Project Name	Existing Funding	FY 2020/21 Additional Request	Revised Project Budget	CIP Program	Funding Source
Library Roof and Miscellaneous Replacement	\$1,090,000	\$240,000	\$1,330,000	Miscellaneous	Facilities Renovation Fund
Bi-annual Traffic Signal Installation	250,000	50,000	300,000	Transportation and Streets	Traffic Impact Fees
Traffic Signal Detection Upgrade – Bicycle	300,000	150,000	450,000	Transportation and Streets	Traffic Impact Fees
Water Quality Improvements at Lower Zone Storage Tanks	750,000	250,000	1,000,000	Water	Water Replacement CIP
Total	\$2,390,000	\$690,000	\$3,080,000		

The four CIP project requires additional funding allocations in FY 2020/21 include; (1) \$240,000 for the Library Roof and Miscellaneous Replacement project to make improvements to six library study rooms, retrofit light fixtures, and install new electrical wiring, (2) \$50,000 to fully fund new traffic signals planned for FY 2020/21, (3) \$150,000 for Traffic Signal Detection Upgrade – Bicycle project to add additional upgraded bicycle detection equipment at the City’s signalized intersections, and (4) \$250,000 for the Water Quality Improvements at Lower Zone Storage Tanks project to add funding based on revised cost estimates. Detailed descriptions of these projects are included in Attachment B of this report.

Table 3: FY 2020/21 CIP Mid-Term Funding by Source

CIP Funding Sources	Original FY 2020/21 Allocations	Adjustments	Total FY 2020/21 Allocations
General Fund (All)	\$5,000,000	(\$2,500,000)	\$2,500,000
Gas Tax, Measure B, BB & Highway Funds	5,873,315	(320,948)	5,552,367
City Development Fees	18,814,208	(10,505,213)	8,308,995
City Utility Connection Fees	699,252	(328,109)	371,143
Non-City Development Fees	1,011,293	(835,353)	175,940
Grants and Miscellaneous	1,155,628	-	1,155,628
Transfers from Other Funds	7,962,549	1,432,859	9,395,408
Interest Earnings	408,240	-	408,240
Total	\$40,924,485	(\$13,056,764)	\$27,867,721

There are several reductions to CIP revenues included in the CIP Mid-term. Specifically, staff are estimating that the Public Facilities Impact Fees, Traffic Impact Fees¹, Park Development Impact Fees and Utility Connection fees will collectively be \$11.7 million less than included in the original FY 2020/21 CIP to reflect expected reduced development during the pandemic. Further, there is a total reduction of \$320,948 in various transportation funds including Gas Tax and the Measure B and BB funds reflecting reduced driving and therefore gas consumption during the pandemic and overall reduced consumer spending. Finally, as part of the City's strategy to balance the FY 2020/21 General Fund budget, the \$5 million transfer from the General Fund to the CIP was reduced to \$2.5 million.

Table 4: FY 2020/21 Mid-Term CIP by CIP Category

CIP by Category	Original FY 2020/21 Expenditures & Reserves	Adjustments	Total FY 2020/21 Allocations
Miscellaneous*	\$5,417,691	\$2,586,272	\$8,003,963
Parks*	2,418,413	336,587	2,755,000
Streets	11,157,168	1,108,103	12,265,271
Sewer	1,778,000	50,000	1,828,000
Water	4,458,000	300,000	4,758,000
Total	\$25,229,272	\$4,380,962	\$29,610,234

* Includes \$800,000 for the Pioneer Cemetery South Hill Improvements Project that draws on existing Cemetery Fund Master Plan Implementation reserves and does not require additional funding.

As indicated in Table 4 above, the total additional allocations to CIP projects in FY 2020/21 of \$3.6 million (\$4,380,000 total adjustment less the \$800,000 for the Pioneer Cemetery South Hill Improvements Project) is approximately 14.2 percent greater than the \$25.2 million original FY 2020/21 allocation. The proposed increases will require allocating additional funding to capital projects from CIP fund balances and reserves.

A comparison of beginning fund balances is detailed below.

CIP FUND BALANCES AND RESERVES

TABLE 5: Comparison of FY 2020/21 Ending Fund Balances

	Original CIP Budget Fund Balance	FY 2020/21 Mid-Term	Difference	Percent Difference
Streets	\$28,040,490	\$15,686,200	(\$12,354,290)	-44.06%
Parks	5,862,831	5,977,511	114,680	1.96%
Miscellaneous	19,829,957	9,317,457	(10,512,500)	-53.01%
Water	5,124,773	4,037,909	(1,086,864)	-21.21%
Sewer	5,903,775	5,957,764	53,989	0.91%
Total	\$64,761,826	\$40,976,841	(\$23,784,985)	-36.73%

¹ Includes \$728,000 transfer of balance from Traffic Impact Fee Bernal Property Fund.

As previously noted, the FY 2020/21 Mid-term CIP amendments will be covered through the use of CIP fund balances and reserves. As described in Table 5 above, the CIP fund balances are expected to be reduced by \$23.8 million overall, primarily as a result of reducing development impact fee revenue estimates.

CIP RESERVES

TABLE 6: Summary of Existing CIP Reserves

CIP Reserve Fund	FY 2020/21 Beginning	Mid-Term Adjustment	Total FY 2020/21
Tri-Valley Transportation Development	\$2,106,745	\$179,540	\$2,286,285
Dougherty Valley Mitigation	369,694	-	369,694
Dublin Reimbursement for Future Projects	4,099,462	-	4,099,462
Happy Valley Bypass Road	645,905	-	645,905
General Trail Improvements and Development	831,421	-	831,421
New Community Park: Site Acquisition	3,708,924	-	3,708,924
Bernal Property Trail	152,000	-	152,000
Cemetery Masterplan Implementation Reserve	527,726	(500,000)	27,726
Capital Improvement Program Reserve (CIPR)	4,450,228	(1,650,554)	2,799,674
Downtown Beautification Reserve	942,802		942,802
Downtown and North Pleasanton CIP	3,810,948	44,400	3,855,348
Marilyn Kane Trail Reserve	87,872		87,872
City Hall Office Building & Civic Center Site Imp.	182,859	(182,859)	-
Total CIP Reserve Funds	\$21,916,586	(\$2,109,473)	\$19,807,113

The Mid-Term CIP decreases CIP reserve balances by approximately \$2.1 million which is related to allocating reserves to fund projects as well as eliminating the City Hall Office Building and Civic Center Site Improvement reserve and moving the balance to CIPR.

CONCLUSION

As previously indicated, this Mid-Term review is intended to provide the City Council and the community with a comprehensive update/review of the City's capital plan for FY 2020/21. When reviewing this budget, it should be noted that projected revenues are contingent upon activities of the private sector development community and other governmental agencies that are outside the control of the City. As a result, changes to assumptions included in the CIP are possible. Changes in revenue projections and/or project priorities may result in modifications to this program in upcoming fiscal years. However, as presented, this program identifies available revenues and expenditures for FY 2020/21 to assure that the City is able to fund projects that meet the community's needs and expectations.

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Mid-Term Update FY 2020/21

Summary Financial Tables

Capital Improvement Program

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CIP Fund Balance Summary - All Funds

Fund	Fund Description	FY 2020/21 Beginning Balance	FY 2020/21 Estimated Revenue	FY 2020/21 Original Project Cost	FY 2020/21 Additional Request	FY 2020/21 Revised Project Cost	FY 2020/21 Year-End Fund Balance
160	Gas Tax	\$121,979	\$3,294,948	\$2,967,500	-	\$2,967,500	\$449,427
161	Marilyn Kane Trail Reserve	87,872	-	-	-	-	87,872
162	Miscellaneous CIP Grants	512,407	965,000	-	-	-	1,477,407
163	Measure B Bike & Pedestrian	114,494	253,732	155,168	-	155,168	213,058
164	Measure B - Streets/ACTC	141,721	806,538	800,000	-	800,000	148,259
165	Measure BB Bike & Pedestrian	296,678	199,349	380,000	-	380,000	116,027
166	Measure F	618,801	316,800	388,500	-	388,500	547,101
167-3	Vineyard Corridor Specific Plan	4,545	-	-	-	-	4,545
167-4	Stoneridge Dr Specific Plan	702,713	6,000	-	-	-	708,713
170	Measure BB - Streets/Roads	59,208	720,000	730,000	-	730,000	49,208
201	Miscellaneous CIP-Gen	1,085,007	3,633,177	4,242,691	\$470,000	4,712,691	5,493
201-1	Misc. Gen-CIP CIPR	4,450,228	182,859	463,413	1,370,000	1,833,413	2,799,674
201-2	Misc. Gen CIP-Civic Center & Library Reserve	182,859	-	-	182,859	182,859	-
201-3	Downtown Beautification CIP-Reserve#18440	942,802	-	-	-	-	942,802
202	Downtown & North Pleas CIP	3,810,948	44,400	-	-	-	3,855,348
203	Public Facilities Impact Fees	1,493,068	2,090,755	2,075,000	-	2,075,000	1,508,823
204	Misc Developer Contributions	202,270	-	-	-	-	202,270
211	Street CIP - Gen	228,630	1,055,440	461,000	-	461,000	823,070
211-1	Dougherty Valley Mitigation Reserve#02523	369,694	-	-	-	-	369,694
211-2	Use of Dublin Fwy Reimb#98590	4,099,462	-	-	-	-	4,099,462
212	Traffic Impact Fees	952,942	6,273,440	4,650,000	380,000	5,030,000	2,196,382
213	Traffic Impact-Bernal Property	804,103	24,000	100,000	728,103	828,103	-
214	Trivalley Transportation	2,106,745	179,540	-	-	-	2,286,285
215	Streets Developer Contribution	2,013,811	60,000	-	-	-	2,013,811
216	NPID I 82-4	21,479	9,600	-	-	-	31,079
217	Stoneridge Bus Imp Dist 84-2	2,400	2,400	-	-	-	4,800
221	Park CIP - Gen	(144,455)	905,000	755,000	-	755,000	5,545
221-1	Gen Trail Improv & Dev #1737	178,480	-	-	-	-	178,480
221-2	New Comm Pk:Site Acq # 3728	207,447	-	-	-	-	207,447
221-3	Bernal Prop Trail Sys #4721	152,000	-	-	-	-	152,000
222	Park Development Impact Fees	313,028	1,259,200	550,000	-	550,000	1,022,228
222-1	Pioneer Cemetery Reserve	527,726	300,000	-	800,000	800,000	27,726
222-2	Gen Trail Improv & Dev #1737	652,941	-	-	-	-	652,941
222-3	New Comm Pk:Site Acq #3728	3,501,477	-	-	-	-	3,501,477
223	Parks Developer Contributions	166,188	-	-	-	-	166,188
241	Sewer Developer Contributions	12,592	-	-	-	-	12,592
403	Cemetery Capital Improve	63,479	-	-	-	-	63,479
421	Water Replacement CIP	2,855,870	3,100,000	4,356,000	300,000	4,656,000	1,299,870
422	Water Expansion CIP	2,522,129	266,961	52,000	-	52,000	2,737,090
426	Recycled Water CIP	(238,251)	289,200	50,000	-	50,000	949
431	Sewer Replacement CIP	4,288,905	1,001,200	1,778,000	50,000	1,828,000	3,462,105
432	Sewer Expansion CIP	2,324,885	158,182	-	-	-	2,483,067
441	Storm Drain Replacement/Renov	(91,953)	470,000	275,000	100,000	375,000	3,047
	Total	\$42,719,354	\$27,867,721	\$25,229,272	\$4,380,962	\$29,610,234	\$40,976,841

CIP Revenue - All Funds

Project Category	Fund	Fund Description	Category Hierarchy	FY 2020/21 Estimated Revenue
Transportation and Street Infrastructure	160	Gas Tax	2030 Gas Tax Road Maintenance Rehab	\$1,383,388
			Gas Tax	1,888,760
			Interest Income	22,800
	162	Miscellaneous CIP Grants	Grant	965,000
	163	Measure B Bike & Pedestrian	Interest Income	9,600
			Measure B	244,132
	164	Measure B - Streets/ACTC	Interest Income	4,800
			Measure B	801,738
	165	Measure BB Bike & Pedestrian	Measure BB	199,349
	166	Measure F	Interest Income	1,800
			Measure F	315,000
	167-4	Stoneridge Dr Specific Plan	Interest Income	6,000
	170	Measure BB - Streets/Roads	Measure BB	720,000
	211	Street CIP - Gen	Interest Income	55,440
			Transfer from GF	1,000,000
	212	Traffic Impact Fees	Interest Income	24,000
			Traffic Impact Fee	5,421,337
			Transfer from TIF-Bernal Fund	828,103
	213	Traffic Impact-Bernal Property	Interest Income	24,000
	214	Trivalley Transportation	Interest Income	3,600
			Tri-Valley Transportation Fee	175,940
	215	Streets Developer Contribution	Interest Income	60,000
	216	NPID I 82-4	Interest Income	9,600
	217	Stoneridge Bus Imp Dist 84-2	Interest Income	2,400

CIP Revenue - All Funds

Project Category	Fund	Fund Description	Category Hierarchy	FY 2020/21 Estimated Revenue
Park	221	Park CIP - Gen	Transfer from GF	150,000
			Transfer from ISF-Park	755,000
	222	Park Development Impact Fees	Interest Income	49,200
			Transfer from Public Fac Impact Fee	1,210,000
	222-1	Pioneer Cemetery Reserve	Transfers from Other Funds	300,000
Miscellaneous	201	Miscellaneous CIP-Gen	Capital Improvement Program Reserve	\$833,413
			LED Savings	190,628
			Transfer from GF	880,000
			Transfer from ISF-Fac	1,729,136
	201-1	Misc. Gen-CIP CIPR	Capital Improvement Program Reserve	182,859
	202	Downtown & North Pleas CIP	Interest Income	44,400
	203	Public Facilities Impact Fees	Interest Income	31,200
			Public Facilities Fee	2,059,555
	441	Storm Drain Replacement/Renov	Transfer from GF	470,000
	Water	421	Water Replacement CIP	Transfer from Water Fund
422		Water Expansion CIP	Interest Income	28,800
			Water Connection Fee	238,161
426		Recycled Water CIP	Interest Income	4,200
			Transfer from Water Fund	285,000
Sewer	431	Sewer Replacement CIP	Interest Income	1,200
			Transfer from Sewer Fund	1,000,000
	432	Sewer Expansion CIP	Interest Income	25,200
			Sewer Connection Fee	132,982
			Total	\$27,867,721

CIP Projects by Funding Source

Fund Number	Fund Description	Project Name	FY 2020/21 Original Project Cost	FY 2020/21 Additional Request	FY 2020/21 Revised Project Cost
160	Gas Tax	Annual Expedited Speed Lump Program	\$50,000	-	\$50,000
		Annual Curb and Gutter for Street Resurfacing Projects	450,000	-	450,000
		Annual Sidewalk and Intersection Ramp Installations (ADA)	250,000	-	250,000
		Annual Sidewalk Maintenance	100,000	-	100,000
		Annual Slurry Sealing of Various Streets	625,000	-	625,000
		Annual Street Resurfacing and Reconstruction	1,320,000	-	1,320,000
		Annual Traffic Buttons and Line Marker Installation	50,000	-	50,000
		Bi-Annual Evaluation/Reclassification of Street Surfaces	65,000	-	65,000
		Bi-Annual Neighborhood Traffic Calming Devices	50,000	-	50,000
		To General Fund - Gas Tax Administration	7,500	-	7,500
	Gas Tax Total		\$2,967,500	-	\$2,967,500
163	Measure B Bike & Pedestrian	Annual Bicycle and Pedestrian Related Improvements-Variou Locations	75,000	-	75,000
		Design West Las Positas Bicycle and Pedestrian Improvements	80,168	-	80,168
	Measure B Bike & Pedestrian Total		\$155,168	-	\$155,168
164	Measure B - Streets/ ACTC	Annual Street Resurfacing and Reconstruction	800,000	-	800,000
	Measure B - Streets/ ACTC Total		\$800,000	-	\$800,000
165	Measure BB Bike & Pedestrian	Annual Bicycle and Pedestrian Related Improvements-Variou Locations	75,000	-	75,000
		Design West Las Positas Bicycle and Pedestrian Improvements	305,000	-	305,000
	Measure BB Bike & Pedestrian Total		\$380,000	-	\$380,000
166	Measure F	Annual Street Resurfacing and Reconstruction	350,000	-	350,000
		To General Fund- Congestion Management	38,500	-	38,500
	Measure F Total		\$388,500	-	\$388,500
170	Measure BB - Streets/ Roads	Annual Street Resurfacing and Reconstruction	730,000	-	730,000
	Measure BB - Streets/ Roads Total		\$730,000	-	\$730,000
201	Miscellaneous CIP-Gen	Annual HVAC Replacement	1,110,000	-	1,110,000
		Annual Roof Replacement	149,136	-	149,136
		Annual Soundwall Repair and Replacement	200,000	-	200,000
		Bi-Annual Fence Installation and Repair	100,000	-	100,000
		CEC LED Loan Repayment	190,628	-	190,628
		City Parking Lots - Resurfacing	500,000	-	500,000
		Design and Construct "New" Fire Station #3	1,352,927	-	1,352,927
		East County Animal Shelter Debt Service	15,000	-	15,000
		Fiber Master Plan	100,000	-	100,000
		Fire Training Tower	-	\$230,000	230,000
		Library Roof and Miscellaneous Replacement (Additional Funding)	-	240,000	240,000
		Old Vineyard Avenue Pedestrian Trail - Phases II & III	525,000	-	525,000
	Miscellaneous CIP-Gen Total		\$4,242,691	\$470,000	\$4,712,691
201-1	Misc. Gen-CIP CIPR	Transfer CIPR-Gen	463,413	370,000	833,413
		Workplace Improvements for Re-entry	-	1,000,000	1,000,000
	Misc. Gen-CIP CIPR Total		\$463,413	\$1,370,000	\$1,833,413
201-2	Misc. Gen CIP-Civic Center & Library Reserve	Civic Center & Library Reserve	-	182,859	182,859
	Misc. Gen CIP-Civic Center & Library Reserve Total		-	\$182,859	\$182,859
203	Public Facilities Impact Fees	Alviso Adobe Strategic Plan Implementation	650,000	-	650,000
		East County Animal Shelter Debt Service	15,000	-	15,000
		Fund Transfer	1,210,000	-	1,210,000
		Remove City Hall Modular Buildings	200,000	-	200,000
	Public Facilities Impact Fees Total		\$2,075,000	-	\$2,075,000

CIP Projects by Funding Source - Continued

Fund Number	Fund Description	Project Name	FY 2020/21 Original Project Cost	FY 2020/21 Additional Request	FY 2020/21 Revised Project Cost
211	Street CIP - Gen	Dougherty Valley Mitigation Revenue Reserve	8,000	-	8,000
		Emergency Vehicle Access Road Maintenance	250,000	-	250,000
		Santa Rita Road at Valley Avenue Intersection Improvement	200,000	-	200,000
		To General Fund- Landscape NPID	3,000	-	3,000
	Street CIP - Gen Total		\$461,000	-	\$461,000
212	Traffic Impact Fees	Annual Intersection Improvements at Various Locations	100,000	-	100,000
		Bi-Annual Traffic Signal Installations	-	50,000	50,000
		Nevada Street Improvements	2,250,000	-	2,250,000
		Santa Rita Fiber Interconnect	-	180,000	180,000
		Santa Rita Road at Valley Avenue Intersection Improvement	2,300,000	-	2,300,000
		Traffic Signal Detection Upgrade - Bicycle	-	150,000	150,000
	Traffic Impact Fees Total		\$4,650,000	\$380,000	\$5,030,000
213	Traffic Impact-Bernal Property	Fund Transfer-TIF	100,000	728,103	828,103
	Traffic Impact-Bernal Property Total		\$100,000	728,103	\$828,103
221	Park CIP - Gen	Annual Court Resurfacing	310,000	-	310,000
		Annual Playground Renovations	445,000	-	445,000
	Park CIP - Gen Total		\$755,000	-	\$755,000
222	Park Development Impact Fees	Pioneer Cemetery Master Plan Implementation Reserve	300,000	-	300,000
		Tennis and Community Park Sand Volleyball Court Lighting	250,000	-	250,000
	Park Development Impact Fees Total		\$550,000	-	\$550,000
222-1	Pioneer Cemetery Reserve	Pioneer Cemetery South Hill Improvements	-	800,000	800,000
	Pioneer Cemetery Reserve Total		-	\$800,000	\$800,000
421	Water Replacement CIP	Emergency Power Improvements for Utility Systems	-	50,000	50,000
		General Fund - Utility Cut Patching	134,000	-	134,000
		General Fund-CIP Engineering and Inspection	422,000	-	422,000
		Vineyard Pump Station Rehab and McCloud Tank Decommission	2,500,000	-	2,500,000
		Water Asset Management Plan	300,000	-	300,000
		Water Distribution System Improvements	1,000,000	-	1,000,000
		Water Quality Improvements at Lower Zone Storage Tanks	-	250,000	250,000
	Water Replacement CIP Total		\$4,356,000	\$300,000	\$4,656,000
422	Water Expansion CIP	General Fund-CIP Engineering and Inspection	52,000	-	52,000
	Water Expansion CIP Total		\$52,000	-	\$52,000
426	Recycled Water CIP	Annual Recycled Water System Repairs and Improvements	50,000	-	50,000
	Recycled Water CIP Total		\$50,000	-	\$50,000
431	Sewer Replacement CIP	Emergency Power Improvements for Utility Systems	-	50,000	50,000
		General Fund - CIP Engineering and Inspection	278,000	-	278,000
		Sewer Collection System Improvements	1,500,000	-	1,500,000
	Sewer Replacement CIP Total		\$1,778,000	\$50,000	\$1,828,000
441	Storm Drain Replacement/Renov	Annual Installation of Trash Capture Devices	150,000	-	150,000
		Annual Storm Repairs and Improvements	125,000	-	125,000
		Val Vista Underdrain	-	100,000	100,000
	Storm Drain Replacement/Renov Total		\$275,000	\$100,000	\$375,000
		Grand Total	\$25,229,272	\$4,380,962	\$29,610,234

Proposed Mid-Term CIP Budget Summary by Project

FY 2020/21 Mid-Term Update

Project Number	Project Name	Fund	Fund Description	Org	FY 2020/21 Original Project Cost	FY 2020/21 Additional Request	FY 2020/21 Revised Project Cost
14408	Library Roof and Miscellaneous Replacement (Additional Funding)	201	Miscellaneous CIP-Gen	20130110	-	\$240,000	\$240,000
17568	Traffic Signal Detection Upgrade - Bicycle (Additional Funding)	212	Traffic Impact Fees	21230121	-	150,000	150,000
20156	Water Quality Improvements at Lower Zone Storage Tanks (Additional Funding)	421	Water Replacement CIP	42140701	-	250,000	250,000
20532	Bi-Annual Traffic Signal Installations (Additional Funding)	212	Traffic Impact Fees	21230121	-	50,000	50,000
21162	Emergency Power Improvements for Utility Systems	421 431	Water Replacement CIP Sewer Replacement CIP	42140701 43141301	- -	50,000 50,000	50,000 50,000
21457	Val Vista Underdrain	441	Storm Drain Replacement/Renov	44141801	-	100,000	100,000
21458	Fire Training Tower	201	Miscellaneous CIP-Gen	20130110	-	230,000	230,000
21459	Workplace Improvements for Re-entry	201-1	Misc. Gen-CIP CIPR	20130110	-	1,000,000	1,000,000
21556	Santa Rita Fiber Interconnect	212	Traffic Impact Fees	21230121	-	180,000	180,000
21765	Pioneer Cemetery South Hill Improvements	222-1	Pioneer Cemetery Reserve	22230131	-	800,000	800,000
98429	Civic Center & Library Reserve	201-2	Misc. Gen CIP-Civic Center & Library Reserve	20130110	-	182,859	182,859
999CIPR-CIPG	Transfer CIPR-Gen (Additional Funding)	201-1	Misc. Gen-CIP CIPR	20130110	\$463,413	370,000	833,413
999TIBP-TIF	Fund Transfer-TIF	213	Traffic Impact-Bernal Property	21330122	\$100,000	728,103	828,103
Grand Total					563,413	4,380,962	4,944,375

Capital Improvement Program Projects

Mid-Term Update FY 2020/21

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Transportation and Street Infrastructure Projects

Proposed Mid-Term CIP Budget by Project

Project Number	Project Name	Fund	Fund Description	Org	FY 2020/21 Original Project Cost	FY 2020/21 Additional Request	FY 2020/21 Revised Project Cost
17568	Traffic Signal Detection Upgrade - Bicycle (Additional Funding)	212	Traffic Impact Fees	21230121	-	\$150,000	\$150,000
20532	Bi-Annual Traffic Signal Installations (Additional Funding)	212	Traffic Impact Fees	21230121	-	50,000	50,000
21556	Santa Rita Fiber Interconnect	212	Traffic Impact Fees	21230121	-	180,000	180,000
999TIBP-TIF	Fund Transfer-TIF	213	Traffic Impact-Bernal Property	21330122	100,000	728,103	828,103
			Total - Streets		\$100,000	\$1,108,103	\$1,208,103

Transportation and Street Infrastructure Projects by Funding Source

Fund Number	Fund Description	Project Name	FY 2020/21 Original Project Cost	FY 2020/21 Additional Request	FY 2020/21 Revised Project Cost
160	Gas Tax	Annual Expedited Speed Lump Program	\$50,000	-	\$50,000
		Annual Curb and Gutter for Street Resurfacing Projects	450,000	-	450,000
		Annual Sidewalk and Intersection Ramp Installations (ADA)	250,000	-	250,000
		Annual Sidewalk Maintenance	100,000	-	100,000
		Annual Slurry Sealing of Various Streets	625,000	-	625,000
		Annual Street Resurfacing and Reconstruction	1,320,000	-	1,320,000
		Annual Traffic Buttons and Line Marker Installation	50,000	-	50,000
		Bi-Annual Evaluation/Reclassification of Street Surfaces	65,000	-	65,000
		Bi-Annual Neighborhood Traffic Calming Devices	50,000	-	50,000
		To General Fund - Gas Tax Administration	7,500	-	7,500
	Gas Tax Total		\$2,967,500	-	\$2,967,500
163	Measure B Bike & Pedestrian	Annual Bicycle and Pedestrian Related Improvements-Variou Locations	75,000	-	75,000
		Design West Las Positas Bicycle and Pedestrian Improvements	80,168	-	80,168
	Measure B Bike & Pedestrian Total		\$155,168	-	\$155,168
164	Measure B - Streets/ACTC	Annual Street Resurfacing and Reconstruction	800,000	-	800,000
	Measure B - Streets/ACTC Total		\$800,000	-	\$800,000
165	Measure BB Bike & Pedestrian	Annual Bicycle and Pedestrian Related Improvements-Variou Locations	75,000	-	75,000
		Design West Las Positas Bicycle and Pedestrian Improvements	305,000	-	305,000
	Measure BB Bike & Pedestrian Total		\$380,000	-	\$380,000
166	Measure F	Annual Street Resurfacing and Reconstruction	350,000	-	350,000
		To General Fund- Congestion Management	38,500	-	38,500
	Measure F Total		\$388,500	-	\$388,500
170	Measure BB - Streets/Roads	Annual Street Resurfacing and Reconstruction	730,000	-	730,000
	Measure BB - Streets/Roads Total		\$730,000	-	\$730,000
201	Miscellaneous CIP-Gen	Old Vineyard Avenue Pedestrian Trail - Phases II & III	525,000	-	525,000
	Miscellaneous CIP-Gen Total		\$525,000	-	\$525,000
211	Street CIP - Gen	Dougherty Valley Mitigation Revenue Reserve	8,000	-	8,000
		Emergency Vehicle Access Road Maintenance	250,000	-	250,000
		Santa Rita Road at Valley Avenue Intersection Improvement	200,000	-	200,000
		To General Fund- Landscape NPID	3,000	-	3,000
	Street CIP - Gen Total		\$461,000	-	\$461,000
212	Traffic Impact Fees	Annual Intersection Improvements at Various Locations	100,000	-	100,000
		Bi-Annual Traffic Signal Installations	-	50,000	50,000
		Nevada Street Improvements	2,250,000	-	2,250,000
		Santa Rita Fiber Interconnect	-	180,000	180,000
		Santa Rita Road at Valley Avenue Intersection Improvement	2,300,000	-	2,300,000
		Traffic Signal Detection Upgrade - Bicycle	-	150,000	150,000
	Traffic Impact Fees Total		\$4,650,000	\$380,000	\$5,030,000
213	Traffic Impact-Bernal Property	Fund Transfer-TIF	100,000	728,103	828,103
	Traffic Impact-Bernal Property Total		\$100,000	728,103	\$828,103
		Grand Total	\$11,157,168	\$1,108,103	\$12,265,271



Traffic Signal Detection Upgrade - Bicycle

Project Number: 17568 (Additional Funding)

Project Description:

This project will continue to install upgraded detection equipment to allow for improved bicycle detection at signalized intersections.



Department: **Traffic Engineering**

Project Phase: **Construction**

Total Cost: **\$450,000**

Funding Source: **Developmental Impact Fees**

Project Justification:

This system is able to detect a bicycle as a vehicle. The new cameras will differentiate between a bicycle and vehicle allowing for improved signal operation.

Current Funding

Fiscal Year Ending	Munis ID	Funding Source	Org.	Fund Number	Project Cost
FY 20/21	17568	Developmental Impact Fees	21230121	212	\$150,000

Prior Year Funding

Fiscal Year Ending	Munis ID	Org.	Fund Number	Project Cost
FY 17/18	17568	21230121	212	\$150,000
FY 19/20	17568	21230121	212	\$150,000



Bi-Annual Traffic Signal Installations

Project Number: 20532 (Additional Funding)

Project Description:

This bi-annual project will install traffic signals at high priority locations identified by the traffic signal priority list.

Department: **Traffic Engineering**

Project Phase: **Construction**

Total Cost: **\$300,000**

Funding Source: **Developmental Impact Fees**

Project Justification:

The City has 19 intersections that currently meet the criteria for traffic signal installation. When properly used, traffic signals are valuable devices for the control of vehicular and pedestrian traffic. They assign the right-of-way to the various traffic movements and influence traffic flow while reducing the frequency and severity of certain types of crashes, especially right-angle collisions. Top priority traffic signals include: Sunol @ I-680, Bernal @ Nevada, Bernal @ Main Street and Valley @ Northway.

Current Funding

Fiscal Year Ending	Munis ID	Funding Source	Org.	Fund Number	Project Cost
FY 20/21	20532	Developmental Impact Fees	21230121	212	\$50,000

Prior Year Funding

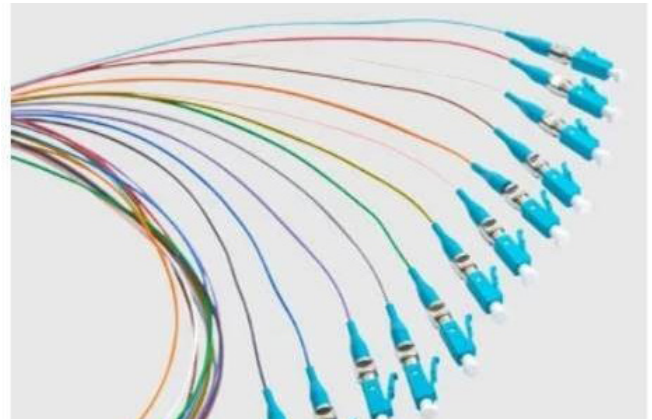
Fiscal Year Ending	Munis ID	Org.	Fund Number	Project Cost
FY 19/20	20532	21230121	212	\$250,000

Santa Rita Fiber Interconnect

Project Number: 21556

Project Description:

This project will install fiber optic interconnect along the Santa Rita Road corridor and will connect to the City's Traffic Management Center.



Department: **Traffic Engineering**

Project Phase: **Design**

Total Cost: **\$180,000**

Funding Source: **Developmental Impact Fees**

Project Justification:

This project upgrades signal communication to a heavily traveled road where transmission of real-time traffic data is crucial to managing traffic operations.

Current Funding

Fiscal Year Ending	Munis ID	Funding Source	Org.	Fund Number	Project Cost
FY 20/21	21556	Developmental Impact Fees	21230121	212	\$180,000

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Parks Projects

Proposed Mid-Term CIP Budget by Project

Project Number	Project Name	Fund	Fund Description	Org	FY 2020/21 Original Project Cost	FY 2020/21 Additional Request	FY 2020/21 Revised Project Cost
21765	Pioneer Cemetery South Hill Improvements	222-1	Pioneer Cemetery Reserve	22230131	-	\$800,000	\$800,000
			Total - Parks		-	\$800,000	\$800,000

Parks Projects by Funding Source

Fund Number	Fund Description	Project Name	FY 2020/21 Original Project Cost	FY 2020/21 Additional Request	FY 2020/21 Rmrevised Project Cost
203	Public Facilities Impact Fees	Alviso Adobe Strategic Plan Implementation	650,000	-	650,000
	Public Facilities Impact Fees Total		\$650,000	-	\$650,000
221	Park CIP - Gen	Annual Court Resurfacing	310,000	-	310,000
		Annual Playground Renovations	445,000	-	445,000
	Park CIP - Gen Total		\$755,000	-	\$755,000
222	Park Development Impact Fees	Pioneer Cemetery Master Plan Implementation Reserve	300,000	-	300,000
		Tennis and Community Park Sand Volleyball Court Lighting	250,000	-	250,000
	Park Development Impact Fees Total		\$550,000	-	\$550,000
222-1	Pioneer Cemetery Reserve	Pioneer Cemetery South Hill Improvements	-	\$800,000	800,000
	Pioneer Cemetery Reserve Total		-	\$800,000	\$800,000
		Grand Total	\$1,955,000	\$800,000	\$2,755,000

Pioneer Cemetery South Hill Improvements

Project Number: 21765

Project Description:

This project includes improvements to the South Hill section of the Pioneer Cemetery. Improvements include a new committal structure and plaza to accommodate gathering for burials, seatwalls, pathways, additional parking, fencing and an archway for the Potter’s Field, wayfinding signage, a memorial boulder and plaque, landscape and irrigation improvements, and hanging flower baskets.



Department: **Engineering**

Project Phase: **Construction**

Total Cost: **\$800,000**

Funding Source: **Cemetery Implementation Reserve**

Project Justification:

The project improves the aesthetics of the newer South Hill section of the cemetery, provides a designated location for gatherings for burials, adds parking, and provides better access to this section of the cemetery.

Current Funding

Fiscal Year Ending	Munis ID	Funding Source	Org.	Fund Number	Project Cost
FY 20/21	21765	Cemetery Implementation Reserve	22230131	222-1	\$800,000

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Miscellaneous Projects

Proposed Mid-Term CIP Budget by Project

Project Number	Project Name	Fund	Fund Description	Org	FY 2020/21 Original Project Cost	FY 2020/21 Additional Request	FY 2020/21 Revised Project Cost
14408	Library Roof and Miscellaneous Replacement (Additional Funding)	201	Miscellaneous CIP-Gen	20130110	-	\$240,000	\$240,000
21457	Val Vista Underdrain	441	Storm Drain Replacement/Renov	44141801	-	100,000	100,000
21458	Fire Training Tower	201	Miscellaneous CIP-Gen	20130110	-	230,000	230,000
21459	Workplace Improvements for Re-entry	201-1	Misc. Gen-CIP CIPR	20130110	-	1,000,000	1,000,000
98429	Civic Center & Library Reserve	201-2	Misc. Gen CIP-Civic Center & Library Reserve	20130110	-	182,859	182,859
999CIPR-CIPG	Transfer CIPR-Gen	201-1	Misc. Gen-CIP CIPR	20130110	\$463,413	370,000	833,413
			Total - Miscellaneous		\$463,413	\$2,122,859	\$2,586,272

Miscellaneous Projects by Funding Source

Fund Number	Fund Description	Project Name	FY 2020/21 Original Project Cost	FY 2020/21 Additional Request	FY 2020/21 Revised Project Cost
201	Miscellaneous CIP-Gen	Annual HVAC Replacement	\$1,110,000	-	\$1,110,000
		Annual Roof Replacement	149,136	-	149,136
		Annual Soundwall Repair and Replacement	200,000	-	200,000
		Bi-Annual Fence Installation and Repair	100,000	-	100,000
		CEC LED Loan Repayment	190,628	-	190,628
		City Parking Lots - Resurfacing	500,000	-	500,000
		Design and Construct "New" Fire Station #3	1,352,927	-	1,352,927
		East County Animal Shelter Debt Service	15,000	-	15,000
		Fiber Master Plan	100,000	-	100,000
		Fire Training Tower	-	230,000	230,000
		Library Roof and Miscellaneous Replacement (Additional Funding)	-	240,000	240,000
	Miscellaneous CIP-Gen Total		\$3,717,691	\$470,000	\$4,187,691
201-1	Misc. Gen-CIP CIPR	Transfer CIPR-Gen	\$463,413	\$370,000	\$833,413
		Workplace Improvements for Re-entry	-	1,000,000	1,000,000
	Misc. Gen-CIP CIPR Total		\$463,413	\$1,370,000	\$1,833,413
201-2	Misc. Gen CIP-Civic Center & Library Reserve	Civic Center & Library Reserve	-	182,859	182,859
	Misc. Gen CIP-Civic Center & Library Reserve Total		-	\$182,859	\$182,859
203	Public Facilities Impact Fees	East County Animal Shelter Debt Service	15,000	-	15,000
		Fund Transfer	1,210,000	-	1,210,000
		Remove City Hall Modular Buildings	200,000	-	200,000
	Public Facilities Impact Fees Total		\$1,425,000	-	\$1,425,000
441	Storm Drain Replacement/Renov	Annual Installation of Trash Capture Devices	150,000	-	150,000
		Annual Storm Repairs and Improvements	125,000	-	125,000
		Val Vista Underdrain	-	100,000	100,000
	Storm Drain Replacement/Renov Total		\$275,000	\$100,000	\$375,000
		Grand Total	\$5,881,104	\$2,122,859	\$8,003,963



Library Roof and Miscellaneous Replacement

Project Number: 14408 (Additional Funding)

Project Description:

OSD would like to add to the existing CIP #14408 Library Roof Replacement.



Department: **Operations Services**

Project Phase: **Design**

Total Cost: **\$1,330,000**

Funding Source: **Repair & Replacement Funds**

Project Justification:

Improvements to six study rooms, retrofitting light fixtures, and new wiring have been added to the project.

Current Funding

Fiscal Year Ending	Munis ID	Funding Source	Org.	Fund Number	Project Cost
FY 20/21	14408	Repair & Replacement Funds	20130110	201	\$240,000

Prior Year Funding

Fiscal Year Ending	Munis ID	Org.	Fund Number	Project Cost
FY 17/18	14408	20330112	203	\$240,000
FY 17/18	14408	20130110	201	\$100,000
FY 18/19	14408	20130110	201-1	\$750,000

Val Vista Underdrain

Project Number: 21457

Project Description:

Following up on recommendations of the 2018 Feasibility Study, this project includes the design and installation of new (mostly directionally drilled) piping to re-route the existing field underdrain from the storm drain system to the sanitary sewer system. Since Val Vista fields are irrigated with recycled water, underdrainage must be conveyed to local sewers as opposed to the storm drain.



Department: **Operations Services**

Project Phase: **Design**

Total Cost: **\$100,000**

Funding Source: **General Fund**

Project Justification:

The City currently relies on a temporary system to pump drainage from Val Vista park to local sewers.

The Feasibility Study recommended a network of directionally drilled pipelines to connect to the field underdrains and convey water by gravity to local sewers. This approach will provide a permanent solution to bring the City into compliance with Regional Water Quality Control Board regulations.

Current Funding

Fiscal Year Ending	Munis ID	Funding Source	Org.	Fund Number	Project Cost
FY 20/21	21457	General Fund	44141801	441	\$100,000



Fire Training Tower

Project Number: 21458

Project Description:

An assessment conducted in FY 2019/20 by a structural engineer company recommended the following repairs:

- Repair existing spalls (floors, ceilings and walls) with a specialty applied mortar topping. Inject significant cracks in the concrete with epoxy. Remove any loose concrete prior to patching with new material. Treat any exposed rebar should be treated with a corrosion remover and inhibitor prior to resurfacing.
- Apply a concrete sealant to all surfaces exposed to the elements.
- After the repair work is done, document the physical state of the building with photographs. Replace the insulation board in the burn rooms.

Current Funding

Fiscal Year Ending	Munis ID	Funding Source	Org.	Fund Number	Project Cost
FY 20/21	21458	Repair & Replacement Funds	20130110	201	\$230,000



Department: **Operations Services**

Project Phase: **Planning**

Total Cost: **\$230,000**

Funding Source: **Repair & Replacement Funds**

Project Justification:

The recommended repairs are necessary to continue burning in the training tower and to extend the life of the structure.



Workplace Improvements for Re-entry

Project Number: 21459

Project Description:

This project will include a variety of Facility Improvements to provide a safe working environment for employees to return to work in person and to allow the public to access City Facilities.



Department: **Finance**

Project Phase: **Planning**

Total Cost: **\$1,000,000**

Funding Source: **Capital Improvement Program Reserve**

Project Justification:

To comply with COVID-19 social distancing requirements to maintain a healthy workforce and protect the public.

Current Funding

Fiscal Year Ending	Munis ID	Funding Source	Org.	Fund Number	Project Cost
FY 20/21	21459	Capital Improvement Program Reserve	20130110	201-1	\$1,000,000

Water Projects

Proposed Mid-Term CIP Budget by Project

Project Number	Project Name	Fund	Fund Description	Org	FY 2020/21 Original Project Cost	FY 2020/21 Additional Request	FY 2020/21 Revised Project Cost
20156	Water Quality Improvements at Lower Zone Storage Tanks (Additional Funding)	421	Water Replacement CIP	42140701	-	\$250,000	\$250,000
21162	Emergency Power Improvements for Utility Systems	421	Water Replacement CIP	42140701	-	50,000	50,000
			Total- Water		-	\$300,000	\$300,000

Water Projects by Funding Source

Fund Number	Fund Description	Project Name	FY 2020/21 Original Project Cost	FY 2020/21 Additional Request	FY 2020/21 Revised Project Cost
421	Water Replacement CIP	Emergency Power Improvements for Utility Systems	-	\$50,000	\$50,000
		General Fund - Utility Cut Patching	134,000	-	134,000
		General Fund-CIP Engineering and Inspection	422,000	-	422,000
		Vineyard Pump Station Rehab and McCloud Tank Decommission	2,500,000	-	2,500,000
		Water Asset Management Plan	300,000	-	300,000
		Water Distribution System Improvements	1,000,000	-	1,000,000
		Water Quality Improvements at Lower Zone Storage Tanks	-	250,000	250,000
	Water Replacement CIP Total		\$4,356,000	\$300,000	\$4,656,000
422	Water Expansion CIP	General Fund-CIP Engineering and Inspection	52,000	-	52,000
	Water Expansion CIP Total		\$52,000	-	\$52,000
426	Recycled Water CIP	Annual Recycled Water System Repairs and Improvements	50,000	-	50,000
	Recycled Water CIP Total		\$50,000	-	\$50,000
		Grand Total	\$4,458,000	\$300,000	\$4,758,000



Water Quality Improvements at Lower Zone Storage Tanks

Project Number: 20156

Project Description:

The City’s water system currently experiences some areas of nitrification. Staff has utilized short term operating practices to address this issue, but a more reliable long-term solution is required. The primary area of nitrification occurs in the lower zone around the Foothill Tank service area. This project will pilot the use of a chemical residual boosting and mixing system at the Foothill Tank to mitigate nitrification. If successful, this system will be implemented permanently at the Foothill Tank and potentially other locations.



Department: **Operations Services**

Project Phase: **Construction**

Total Cost: **\$1,000,000**

Funding Source: **Water**

Project Justification:

If left unabated, nitrification can deplete residual chlorine, which provides protection against pathogenic organisms to levels below recommended health standards.

Current Funding

Fiscal Year Ending	Munis ID	Funding Source	Org.	Fund Number	Project Cost
FY 20/21	20156	Water	42140701	421	\$250,000

Prior Year Funding

Fiscal Year Ending	Munis ID	Org.	Fund Number	Project Cost
FY 19/20	20156	42140701	421	\$750,000



Emergency Power Improvements for Utility Systems

Project Number: 21162

Project Description:

This project is to perform an evaluation of emergency power systems. The evaluation will identify critical water and sewer facilities requiring operation during utility power outages; evaluate the condition and adequacy of emergency power systems (i.e. generators, transfer switches, UPSs, etc.) at these facilities; make recommendations for improvements; and develop a prioritized plan for implementation of these improvements.



Department: **Operations Services**

Project Phase: **Planning**

Total Cost: **\$100,000**

Funding Source: **Sewer/Water**

Project Justification:

In 2019, PG&E implemented a Public Safety Power Shutoff (PSPS) program in order to reduce the threat of wildfires. During two separate PSPS events, the City lost power at numerous water and sewer systems for multiple days. Although the City had temporary rental generators available to keep the water and sewer systems operational during these events, it is clear that more permanent improvements will be required to increase the reliability of the water and sewer systems during future events.

Current Funding

Fiscal Year Ending	Munis ID	Funding Source	Org.	Fund Number	Project Cost
FY 20/21	21162	Sewer/Water	43141301	431	\$50,000
FY 20/21	21162	Sewer/Water	42140701	421	\$50,000

Sewer Projects

Proposed Mid-Term CIP Budget by Project

Project Number	Project Name	Fund	Fund Description	Org	FY 2020/21 Original Project Cost	FY 2020/21 Additional Request	FY 2020/21 Revised Project Cost
21162	Emergency Power Improvements for Utility Systems	431	Sewer Replacement CIP	43141301	-	\$50,000	\$50,000
			Total - Sewers		-	\$50,000	\$50,000

Sewer Projects by Funding Source

Fund Number	Fund Description	Project Name	FY 2020/21 Original Project Cost	FY 2020/21 Additional Request	FY 2020/21 Revised Project Cost
431	Sewer Replacement CIP	General Fund – CIP Engineering and Inspection	\$278,000	-	\$278,000
		Sewer Collection System Improvements	1,500,000	-	1,500,000
		Emergency Power Improvements for Utility Systems	-	\$50,000	50,000
	Sewer Replacement CIP Total		\$1,778,000	\$50,000	\$1,828,000
Grand Total			\$1,778,000	\$50,000	\$1,828,000

Emergency Power Improvements for Utility Systems

Project Number: 21162

Project Description:

This project is to perform an evaluation of emergency power systems. The evaluation will identify critical water and sewer facilities requiring operation during utility power outages; evaluate the condition and adequacy of emergency power systems (i.e. generators, transfer switches, UPSs, etc.) at these facilities; make recommendations for improvements; and develop a prioritized plan for implementation of these improvements.



Department: **Operations Services**

Project Phase: **Planning**

Total Cost: **\$100,000**

Funding Source: **Sewer/Water**

Project Justification:

In 2019, PG&E implemented a Public Safety Power Shutoff (PSPS) program in order to reduce the threat of wildfires. During two separate PSPS events, the City lost power at numerous water and sewer systems for multiple days. Although the City had temporary rental generators available to keep the water and sewer systems operational during these events, it is clear that more permanent improvements will be required to increase the reliability of the water and sewer systems during future events.

Current Funding

Fiscal Year Ending	Munis ID	Funding Source	Org.	Fund Number	Project Cost
FY 20/21	21162	Sewer/Water	43141301	431	\$50,000
FY 20/21	21162	Sewer/Water	42140701	421	\$50,000

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