

City Council Adopted
2009-10 General Fund, Special Revenue Funds,
Enterprise Funds, and Five Year
Capital Improvement Program Budget



Enterprise Funds and Five Year
Capital Improvement Program

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ENTERPRISE FUNDS AND
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

PART 2 – ENTERPRISE FUNDS AND FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

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FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM SUMMARY

2009-10 FUNDING SUMMARY

Fund	Carry-Over Appropriations	2009-10 Funding Request	Total Funding for 2009-10
Water Capital Program	\$4,071,570	\$2,260,118	\$6,331,688
Wastewater Capital Program	1,461,659	1,248,518	2,710,177
Stormwater Capital Program	634,728	763,435	1,398,163
Cable Capital Program	279,872	278,398	558,270
Parks and Facilities Capital Program	2,128,145	1,355,663	3,483,808
Redevelopment Capital Program	176,550	100,000	276,550
Streets Capital Program	725,501	3,188,602	3,914,103
Technology Capital Program	164,950	99,604	264,554
Total	\$9,642,975	\$9,294,338	\$18,937,313

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2009-14 CAPITAL IMPROVEMENT PROJECTS WORK PLAN FUNDING SUMMARY

WATER CAPITAL PROGRAM

Project	Total Project Cost	Prior Years Funding	Water Capital					Unidentified Funding Year
			2009-10	2010-11	2011-12	2012-13	2013-14	
2010 Urban Water Management Plan Update	95,000	0	55,000	40,000	0	0	0	0
Groundwater Management Plan	248,878	248,878	0	0	0	0	0	0
Groundwater Sustainability Study	100,000	0	0	0	100,000	0	0	0
Hydro-Pneumatic Pump at Crystal Springs Terrace	100,000	0	0	0	100,000	0	0	0
Mastick Avenue Water Main Replacement Project	1,581,700	561,250	1,020,450	0	0	0	0	0
Neighborhood Water Pump Station Security and Context Sensitive Improvements	230,000	0	0	0	115,000	115,000	0	0
New Regulators on Four SFPUC Service	400,000	0	0	0	0	400,000	0	0
Pump Station No. 4 College Replacement	2,362,101	2,048,500	0	313,601	0	0	0	0
Pump Station No. 5 Maple Replacement	3,033,627	2,782,170	251,457	0	0	0	0	0
Pump Station Replacement Project	5,300,000	0	0	0	0	0	0	5,300,000
Standby Power Generators Program	62,747	624,536	-561,789	0	0	0	0	0
Tank Modifications/Seismic Retrofit Program	2,727,443	800,000	0	438,697	456,245	506,128	526,373	0
Tank No. 3 Replacement Project	1,340,000	40,000	1,300,000	0	0	0	0	0
Water Mains Improvement and	3,151,160	272,500	0	584,929	608,326	632,660	1,052,745	0
Water System Asset Inventory	75,000	0	75,000	0	0	0	0	0
Water System Master Plan Update	200,000	0	10,000	75,000	115,000	0	0	0
Well No. 15 Commodore Park Replacement	2,500,000	0	0	0	0	0	2,500,000	0
Well Rehabilitation Project	520,000	0	110,000	410,000	0	0	0	0
Total	\$24,027,656	\$7,377,834	\$2,260,118	\$1,862,227	\$1,494,571	\$1,653,788	\$4,079,118	\$5,300,000

WASTEWATER CAPITAL PROGRAM

Project	Total Project Cost	Prior Years Funding	2009-10	2010-11	2011-12	2012-13	2013-14	Unidentified Funding Year
Wastewater Capital								
Backhoe Equipment Purchase	100,000	0	0	100,000	0	0	0	0
Belle Air District Sewer Main Easements	50,000	50,000	0	0	0	0	0	0
Crestwood Sewer Pump Station Improvements	50,000	0	50,000	0	0	0	0	0
Crystal Springs Pump Station Abandonment	507,790	507,790	0	0	0	0	0	0
Dry Weather Flow Monitor at 7th Avenue	100,000	0	0	100,000	0	0	0	0
Kains to Angus Sewer Bypass	1,225,000	0	0	612,500	612,500	0	0	0
Mastick Avenue Wastewater Main Replacement Project	996,250	636,250	360,000	0	0	0	0	0
Neighborhood Sewer Pump Station Security and Context Sensitive Improvements	85,000	0	0	0	42,500	42,500	0	0
Olympic Pump Station Rehab and Force Main	2,147,000	312,000	379,310	0	0	0	0	1,455,690
Pump Station Replacement Project	2,900,000	0	0	0	970,000	970,000	960,000	0
Renewable Energy Study for Utility Facilities	40,000	0	0	40,000	0	0	0	0
Rollingwood Relief Sewer	5,220,078	5,220,078	0	0	0	0	0	0
Sanitary Sewer Condition Assessment Project	1,102,350	345,000	200,000	278,675	278,675	0	0	0
SCADA for Wastewater Facilities	399,000	254,792	144,208	0	0	0	0	0
Trenton Drive Wastewater Main Replacement Project	1,315,000	0	115,000	1,200,000	0	0	0	0
Vactor Equipment Purchase	325,000	0	0	325,000	0	0	0	0
Video Inspection Truck Equipment Purchase	190,000	0	0	190,000	0	0	0	0
Wastewater Pipeline Repair Program	4,329,503	232,626	0	0	0	0	0	4,096,877
Wastewater System Master Plan Update	156,000	156,000	0	0	0	0	0	0
Total	\$21,237,971	\$7,714,536	\$1,248,518	\$2,846,175	\$1,903,675	\$1,012,500	\$960,000	\$5,552,567

STORMWATER CAPITAL PROGRAM

Project	Total Project Cost	Prior Years Funding						Unidentified Funding Year
			2009-10	2010-11	2011-12	2012-13	2013-14	
Stormwater Capital								
Belle Air Storm Drainage Improvements at Various Locations	45,000	45,000	0	0	0	0	0	0
City Park Way Stormwater Undergrounding	1,200,000	0	0	0	0	0	0	1,200,000
Landslide Mitigation Project	888,935	432,000	456,935	0	0	0	0	0
Line A/B Storm Drain Betterments at Caltrain Grade Separation Project	1,990,000	0	0	0	1,990,000	0	0	0
Miscellaneous Storm Drain Improvement Program	90,000	30,000	6,500	23,500	30,000			
San Antonio Avenue Drainage Improvements Project	375,000	75,000	300,000	0	0	0	0	0
Stormwater Master Plan Update	210,228	210,228	0	0	0	0	0	0
Total	\$4,799,163	\$792,228	\$763,435	\$23,500	\$2,020,000	\$0	\$0	\$1,200,000

CABLE CAPITAL PROGRAM

Project	Total Project Cost	Prior Years Funding						Unidentified Funding Year
			2009-10	2010-11	2011-12	2012-13	2013-14	
Cable Capital								
Cable Plant Enhancements	2,273,223	1,994,825	278,398	0	0	0	0	0
Digital Set-Top Boxes	1,200,000	0	0	300,000	300,000	300,000	300,000	0
EMTAs	240,000	0	0	60,000	60,000	60,000	60,000	0
Multi-Family Building Rewiring	442,500	0	0	0	147,500	147,500	147,500	0
New Production Vehicle/Equipment	120,000	0	0	120,000	0	0	0	0
Production TV Studio	120,000	0	0	0	0	0	0	120,000
Tektronix 8VSB QAM Analyzer	25,000	0	0	25,000	0	0	0	0
Total	\$4,420,723	\$1,994,825	\$278,398	\$505,000	\$507,500	\$507,500	\$507,500	\$120,000

PARKS AND FACILITIES CAPITAL PROGRAM

Project	Total Project Cost	Prior Years Funding	2009-10 2010-11 2011-12 2012-13 2013-14					Unidentified Funding Year
			2009-10	2010-11	2011-12	2012-13	2013-14	
Parks and Facilities Capital								
Ballfield Replacement Project	173,700	173,700	0	0	0	0	0	0
City Gateway Signs Project	283,263	173,263	0	0	0	0	0	110,000
Civic Center Painting Project	114,339	114,339	0	0	0	0	0	0
Community Facilities Master Plan	204,000	204,000	0	0	0	0	0	0
Corporation Yard Facilities Improvement Project	247,418	247,418	0	0	0	0	0	0
Diesel Storage Tank Replacement Project	130,000	0	130,000	0	0	0	0	0
El Camino Real Phase I Medians and Pedestrian Improvements Project	705,006	571,006	134,000	0	0	0	0	0
Emergency Operations Center Modernization	83,550	78,550	5,000	0	0	0	0	0
Fire Station 51 Accessibility and Privacy Improvements	159,089	146,426	12,663	0	0	0	0	0
Fire Station 51 Replacement	7,000,000	0	0	0	0	0	0	7,000,000
Fire Station 52 Re-Roofing Project	40,000	0	0	40,000	0	0	0	0
Fire Station 52 Replacement	3,000,000	0	0	0	0	0	0	3,000,000
Fire Station 52 Seismic Evaluation	20,000	0	0	20,000	0	0	0	0
Groundwater Monitoring for Underground Storage Tanks	729,248	181,635	60,000	0	0	0	0	487,613
Library Facility Maintenance Program	2,400,000	200,000	80,000	0	0	0	0	2,120,000
Lions Field Renovation Project	104,300	104,300	0	0	0	0	0	0
New Corporation Yard Facility Project	5,500,000	0	0	0	0	0	0	5,500,000
New Library Project	45,000,000	0	0	0	0	0	0	45,000,000
New Swimming Pool Complex Project	4,400,000	0	0	0	0	0	0	4,400,000
Recreation Center Replacement Project	7,500,000	0	0	0	0	0	0	7,500,000
Senior Center Emergency Power Supply Generator Project	160,000	160,000	0	0	0	0	0	0
Senior Center Expansion Project	3,750,000	0	0	0	0	0	0	3,750,000
Street Median & Grand Boulevard Improvements Project	1,937,148	889,148	934,000	114,000	0	0	0	0
Wildland Fire Hazard Mitigation Program	600,000	80,000	0	0	0	0	0	520,000
TOTAL	\$84,241,061	\$3,323,785	\$1,355,663	\$174,000	\$0	\$0	\$0	\$79,387,613

REDEVELOPMENT CAPITAL PROGRAM

Project	Total Project Cost	Prior Years Funding	2009-10	2010-11	2011-12	2012-13	2013-14	Unidentified Funding Year
			RDA Capital					
Commercial Building Rehabilitation Program	767,000	467,000	100,000	200,000	0	0	0	0
Pedestrian Bridge	750,000	0	0	0	0	0	0	750,000
TOTAL	\$1,517,000	\$467,000	\$100,000	\$200,000	\$0	\$0	\$0	\$750,000

STREETS CAPITAL PROGRAM

Project	Total Project Cost	Prior Years Funding	2009-10	2010-11	2011-12	2012-13	2013-14	Unidentified Funding Year
			Streets Capital					
Accessible Pedestrian Ramps at Various Locations	125,000	25,000	25,000	75,000	0	0	0	0
American Reinvestment and Recovery Act Paving Project	659,000	0	659,000	0	0	0	0	0
Bicycle and Pedestrian Improvement Program	169,000	29,000	0	0	0	0	0	140,000
Commodore Drive Pedestrian Access Project	320,000	0	320,000	0	0	0	0	0
Fleetwood Drive Traffic Calming Project	170,000	0	97,000	73,000	0	0	0	0
Neighborhood Traffic-Calming Program	1,013,750	190,000	623,750	200,000	0	0	0	0
Pedestrian and Bicycle Master Plan	50,000	0	0	50,000	0	0	0	0
Sidewalk Repair Program	874,623	417,371	137,252	160,000	160,000	0	0	0
Sneath Lane Bicycle Lane between El Camino Real and Huntington Avenue	75,500	75,500	0	0	0	0	0	0
Street Rehabilitation Project	6,305,600	1,879,000	1,226,600	700,000	700,000	700,000	700,000	400,000
Streetlight Replacement Study	5,700,000	0	100,000	0	0	0	0	5,600,000
Traffic Signal Battery Backup Installation Project	320,000	0	0	0	0	0	0	320,000
Total	\$15,782,473	\$2,615,871	\$3,188,602	\$1,258,000	\$860,000	\$700,000	\$700,000	\$6,460,000

TECHNOLOGY CAPITAL PROGRAM

Project	Total Project Cost	Prior Years Funding	2009-10	2010-11	2011-12	2012-13	2013-14	Unidentified Funding Year
Technology Capital								
Computerized Maintenance Management System	180,000	180,000	0	0	0	0	0	0
Digital Plan Check and Permit System	68,600	55,800	0	12,800	0	0	0	0
Document Imaging System	125,758	95,110	6,122	24,526	0	0	0	0
Geographic Information System	77,000	77,000	0	0	0	0	0	0
Phone System Replacement	186,964	0	93,482	93,482	0	0	0	0
Total	\$638,322	\$407,910	\$99,604	\$130,808	\$0	\$0	\$0	\$0

WATER FUND
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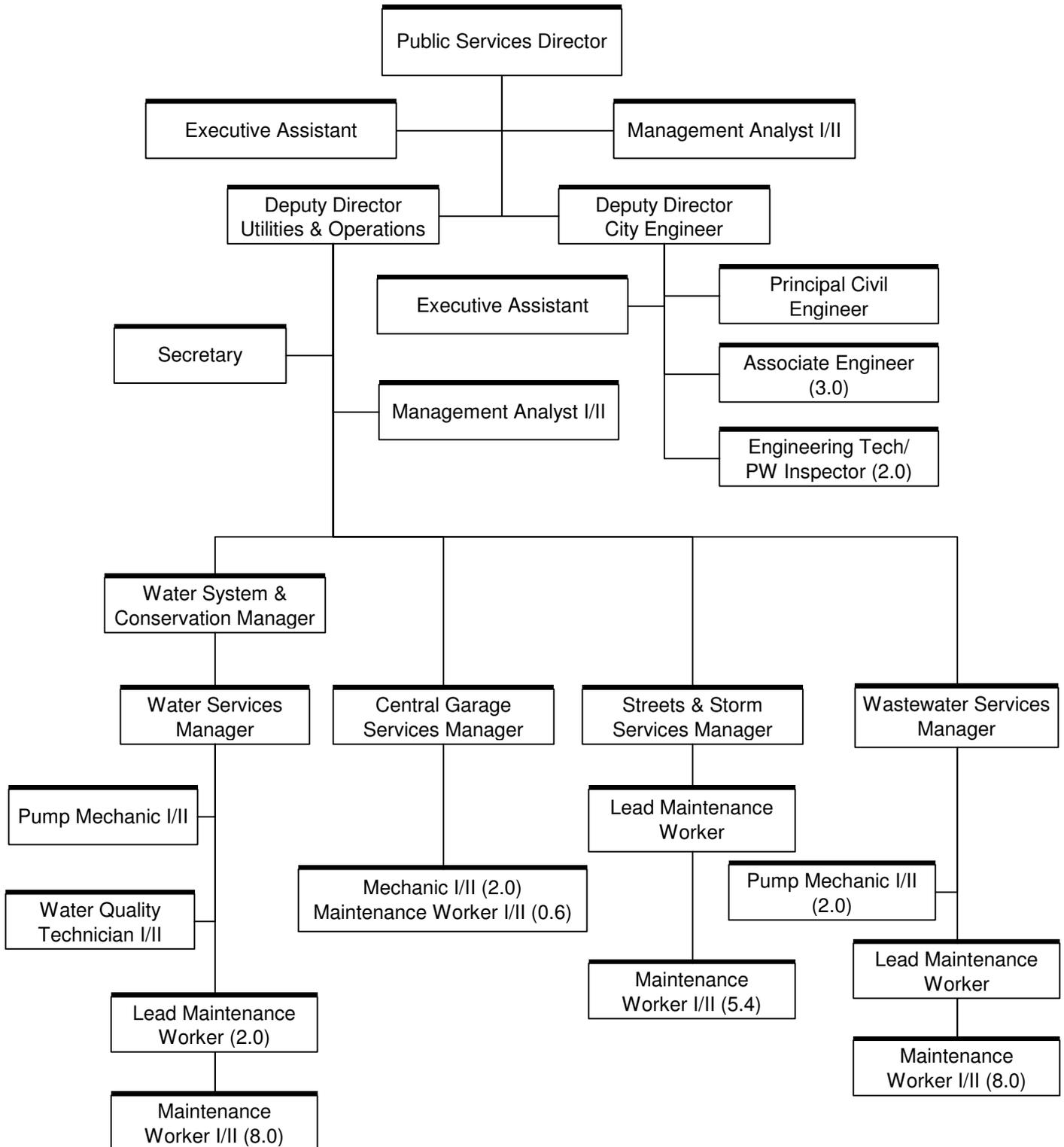
WATER ENTERPRISE FUND

WATER SUPPLY DIVISION

WATER DISTRIBUTION DIVISION

WATER ENTERPRISE FUND

A DIVISION OF PUBLIC SERVICES DEPARTMENT



SUMMARIES
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WATER ENTERPRISE FUND CASH SHEET

	2008-09 Budget	2008-09 Est. Actual	2009-10 Adopted
Beginning Balance, July 1	\$6,764,336	\$6,678,251	\$6,591,790
Revenues			
Operating Revenues	7,998,999	8,038,428	8,827,071
Capacity Charges	300,000	100,000	100,000
Interest Income	160,000	0	150,000
Total Revenues	8,458,999	8,138,428	9,077,071
Expenses			
Supply Operating Expenses	4,526,010	4,360,529	4,355,323
Distribution Operating Expenses	2,370,642	2,370,642	2,374,834
Capital Improvement Program Expenses	6,643,429	1,355,009	4,655,356
Equipment Reserve Purchases	45,000	45,000	90,000
Transfers Out:			
Parks & Facilities Capital	83,709	83,709	0
Technology Capital	10,000	10,000	0
Total Expenses	13,678,790	8,224,889	11,475,513
Operating Surplus (Deficit)	(5,219,791)	(86,461)	(2,398,442)
Non-Operating Transfers: Equipment Reserve			
Transfer Out from Operations	69,603	69,603	45,224
Transfer In to Equipment Reserve	(69,603)	(69,603)	(45,224)
Non-Operating Surplus (Deficit)	0	0	0
Ending Balance, June 30	\$1,544,545	\$6,591,790	\$4,193,348

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SUPPLY OPERATIONS
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WATER ENTERPRISE – WATER SUPPLY DIVISION

*The City of San Bruno Water Supply Division is
committed to protecting public health and delivering portable water*

PROGRAMS

The Water Division of the Public Services Department is responsible for the efficient and effective operations and maintenance of the Water Supply and Distribution systems, which make up the Water Enterprise Fund activities.

The San Bruno water supply system consists of five production wells, 13 pressure zones, eight storage tanks located at six sites, and five connections to major transmission pipelines four owned and operated by the San Francisco Public Utility Commission and one by the North Coast County Water District.

PREVENTIVE SYSTEM MAINTENANCE, REHABILITATION AND REPLACEMENT

Maintain, rehabilitate and assure necessary replacement of all eight-storage tanks and five wells to ensure a daily average well production of 2.1 MGD.

BEST MANAGEMENT PRACTICES TO OPTIMIZE SERVICES

Participate in water conservation programs with emphasis on public awareness, rebate programs for washing machines and high-efficiency toilets, audits for large landscape owners, and the Waterwise Program for all fifth graders. Maintain a graffiti abatement program at all water supply facilities.

ROUTINE REPAIR AND MAINTENANCE

Provide daily inspections of water levels, and maintains exteriors and interiors of eight storage tanks on a continuing basis. Conduct quarterly testing and reporting of water quality that is provided in the yearly consumer confidence report. Provide long-term planning and engaging Engineering to ensure a viable CIP program.

MINIMUM SERVICES FOR BASIC FUNCTIONALITY AND REGULATORY COMPLIANCE

Assure disinfection at five wells, treatment for iron and manganese at two wells, and maintenance and monitoring of storage facilities. Complete Federal and State mandated water quality testing and related regulatory required analysis and reports each year including current regulations and requirements that establish primary drinking water standards for disinfection and chemical constituents, along with secondary standards such as taste, color, odor, and temperature.

PRIORITY FOCUS

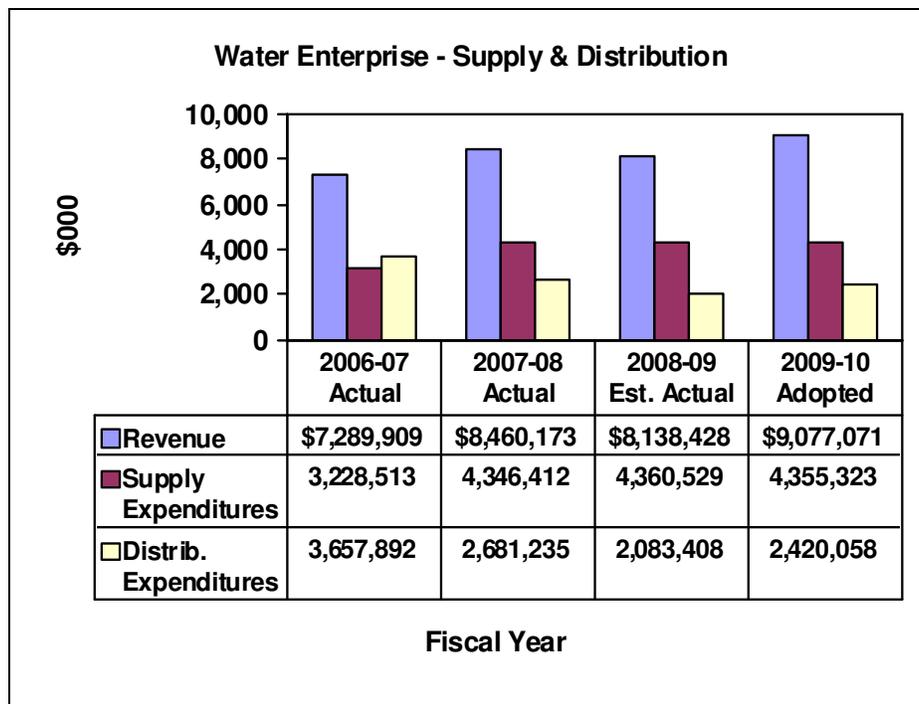
The Water Supply Division places an emphasis on customer service by providing a high quality and safe supply of potable drinking water to customers that meets or exceeds all established drinking water standards and by responding promptly to any water quality concerns.

The adequacy of the City's water supply is vital for the commercial redevelopment of parcels in the community. The Water Master Plan adopted in 2000 and the 2006 Urban Water Management Plan have guided past priorities for system supply improvements, and the currently updated Urban Water

Management Plan will help establish priorities for recommended capital improvements in 2009-10. As a long-term strategy to ensure appropriate, coordinated management of the Westside Basin Aquifer underlying San Bruno, the City is engaged with the San Francisco SFPUC and other local groundwater pumpers, the City of Daly City and the California Water Company, to establish a conjunctive use program. Through the program, the City would agree to manage its pumping to allow for recharge of the aquifer during wet years so that water can be stored for use in dry years. This year the City will be establishing an Groundwater Management Plan (GMP) with all four Westside Basin pumpers utilizing AB-303 grant that was awarded to San Bruno. With adoption of the GMP San Bruno will be the leader in monitoring the City’s valuable resource the Westside Basin.

PROGRAM RESOURCES

The Division’s core services during fiscal year 2009-10 will require an expenditure budget of \$4,355,323 and personnel resources of 5.05 full time employees.



REVENUES

The Water Division is funded entirely by Water Enterprise Fund revenue derived from the utility rates charged to residents, commercial and industrial users based on their meter charges and water consumption.

Revenues	2006-07 Actual	2007-08 Actual	2008-09 Est. Actual	2009-10 Adopted
Operating Revenues	\$6,830,952	\$8,002,645	\$8,038,428	\$8,827,071
Capacity Charges	228,378	255,556	100,000	100,000
Interest Income	230,579	201,972	0	150,000
Total Revenues	\$7,289,909	\$8,460,173	\$8,138,428	\$9,077,071

EXPENDITURES

The cost of water purchases from the San Francisco PUC will increase for 2009-10 largely due to costs associated with the PUC’s comprehensive system wide seismic retrofit and upgrade program. The wholesale cost per unit is projected to increase by approximately 10% from its current level of \$1.30 per unit (100 cubic feet).

Expenditures	2006-07 Actual	2007-08 Actual	2008-09 Est. Actual	2009-10 Adopted
Water Supply	\$3,228,513	\$4,346,412	\$4,360,529	\$4,355,323
Water Distribution	3,657,892	2,681,235	2,083,408	2,420,058
Total Expenditures	\$6,886,405	\$7,027,647	\$6,443,937	\$6,775,381

PERSONNEL
Personnel Summary

Public Services Department	General Fund		Water		Storm water	Waste water	Internal Service	Special Revenue	Total
	Admin & Eng.	Streets	Supply	Distrib.	Operations	Operations	Central Garage	Solid Waste	
Public Services Director	0.15	0.05	0.20	0.15	0.05	0.35	0.05	0.00	1.00
Deputy Dir. Engineering	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
Deputy Dir. Utilities	0.00	0.20	0.15	0.20	0.05	0.35	0.05	0.00	1.00
Maintenance Services Mgr	0.00	0.50	0.30	0.70	0.50	1.00	1.00	0.00	4.00
Principal Civil Engineer	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
Associate Civil Engineer	2.00	0.00	0.50	0.00	0.00	0.50	0.00	0.00	3.00
Water System & Consv. Mgr	0.00	0.00	0.50	0.50	0.00	0.00	0.00	0.00	1.00
Water Quality Tech	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00
Management Analyst I/II	0.45	0.00	0.50	0.25	0.00	0.25	0.25	0.30	2.00
Engineering Tech	1.00	0.00	0.00	0.50	0.00	0.50	0.00	0.00	2.00
Pump Mechanic I/II	0.00	0.00	0.25	0.75	0.00	2.00	0.00	0.00	3.00
Lead Maintenance Worker	0.00	0.50	1.00	1.00	0.50	1.00	0.00	0.00	4.00
Maintenance Worker I/II	0.00	3.50	1.20	6.80	1.90	8.00	0.60	0.00	22.00
Mechanic I/II	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00
Executive Assistants	1.15	0.05	0.20	0.15	0.05	0.35	0.00	0.05	2.00
Secretary	0.00	0.25	0.25	0.25	0.00	0.25	0.00	0.00	1.00
Total	6.75	5.05	5.05	12.25	3.05	14.55	3.95	0.35	51.00

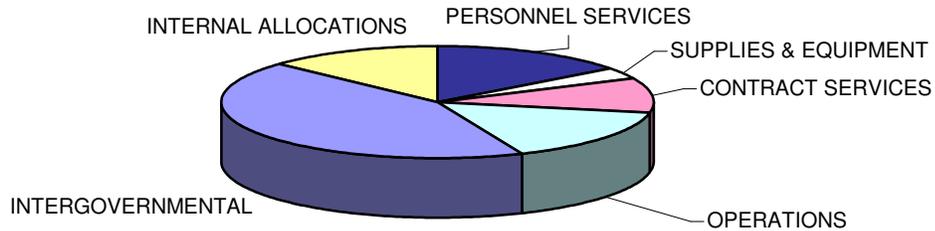
2008-09 ACCOMPLISHMENTS

- ✓ Rehabilitation of Well No. 20 to enable a production of 600 gallons per minute.
- ✓ Successfully continued water conservation programs such as, Waterwise, rebates for toilets and washing machines, and the Large Landscape Audit.
- ✓ Received money through a grant to adopt a Groundwater Management Plan, required to effectively manage the aquifers shared by neighboring agencies and impacts to that aquifer of water use that may affect water quality and safe water yield.
- ✓ Maintained an aggressive continuing education program that results in all Water personnel receiving the appropriate level of certification required by the State of California.
- ✓ Represented the City's interest in coordination with BAWSCA's work to complete negotiation with the SFPUC for a new multi-year Master Water Supply Agreement and updated Supply Assurance Agreement for the City of San Bruno

2009-10 GOALS & OBJECTIVES

- Develop a well rehabilitation program to ensure well production and minimize down time at each well location.
- Develop "Ground Water Production Plan" to ensure long term sustainability by producing fifty percent of the City's daily water demand from ground water.
- Partner with Engineering to ensure completion of high priority water capital projects including: standby power generators at Well No. 16 and Well No. 18, and retrofits at Tanks 1 and 3.
- Rehabilitate Well No.17 and repair the pump and motor to maintain maximum well production.
- Continue to aggressively implement water conservation programs.
- Monitor progress of SFPUC Capital Improvement Program and Environmental Impact Reports through BAWSCA, as these SFPUC efforts have a direct impact on water rates charged by that agency.
- Continue to maintain an aggressive continuing education program to ensure that all Water personnel hold the appropriate level of certification required by the State of California.
- Continue to support the City Manager and City Attorney's offices in the negotiation and establishment of an effective, coordinated conjunctive use program.

Water Enterprise - Water Supply Division 2009-10 Adopted Budget



	2009-10 ADOPTED	PERCENT OF TOTAL
PERSONNEL SERVICES	\$645,905	15%
SUPPLIES & EQUIPMENT	141,800	3%
CONTRACT SERVICES	433,000	10%
OPERATIONS	680,500	16%
INTERGOVERNMENTAL	1,886,250	43%
INTERNAL ALLOCATIONS	567,868	13%
GRAND TOTAL	\$4,355,323	100%

PERSONNEL SERVICES	ADOPTED BUDGET	DESCRIPTION
5101 REGULAR SALARIES	\$411,984	Base salary and incentives for all department personnel, working a minimum of 80 hours per pay period. Subject to benefits per applicable MOUs.
5102 PART-TIME SALARIES	6,370	Base salary for temporary employees working fewer than 980 hours per fiscal year. Employees in this category are exempt from all benefits.
5105 OVERTIME	98,000	Overtime pay in accordance with the applicable MOU. Overtime pay is only subject to Medicare and FICA employer contributions, when applicable, not City cost of CalPERS retirement.
5200 EMPLOYEE BENEFITS	129,551	City's cost of CalPERS pension, Medicare, FICA where applicable, deferred compensation match, health & welfare insurance, life insurance, long-term disability insurance, management leave buyout, pay in-lieu of holidays.
SUBTOTAL FOR PERSONNEL SERVICES	\$645,905	

SUPPLIES & EQUIPMENT		ADOPTED BUDGET	DESCRIPTION
6102	OPERATING SUPPLIES	\$92,000	Water quality testing wells, (\$3,000); Uniforms and safety, (\$9,000); Chemicals at five wells, (\$80,000).
6109	PARTS AND MATERIALS	44,000	Chemical and chlorine analyzer, (\$5,000); Chemical feed pumps, (\$17,000); Pipes, fittings and replacement parts, (\$18,000); Valves, (\$4,000).
6201	BUILDING AND GROUND SUPPLIES	5,800	Building, yard, shop and field supplies.
SUBTOTAL FOR SUPPLIES & EQUIPMENT		\$141,800	

CONTRACT SERVICES		ADOPTED BUDGET	DESCRIPTION
6401	PROFESSIONAL SERVICES	\$50,000	Monitoring and analysis of seawater intrusion well, (\$12,000); water studies and analysis related to conjunctive use, (\$38,000).
6402	LEGAL SERVICES	50,000	Outside legal counsel assistance with conjunctive use program evaluation and water policy.
6411	CONTRACTUAL SERVICES	140,000	Contract repair of pumps, motor controls, and filtration facilities to maintain daily operations.
6419	OTHER SERVICES	193,000	EPA and State Health Departments annual costs, (\$42,000); State-mandated sampling, (\$21,000); Initial Distribution System Evaluation (IDSE) testing, (\$9,500); CCR printing, (\$7,500); SFPUC water quality testing, (\$42,000); ALPHA water quality testing, (\$21,000); SCADA license and maintenance, (\$20,000); Water quality/reporting, (\$30,000).
SUBTOTAL FOR CONTRACT SERVICES		\$433,000	

OPERATIONS		ADOPTED BUDGET	DESCRIPTION
6112	POSTAGE	\$2,200	Allocation of postage required by department operations for outside correspondence including regular, certified, return receipt, and express/overnight mail.
6301	BUILDING AND GROUND MAINTENANCE	13,000	Maintenance contract for standby generators.
6309	RADIO MAINTENANCE	400	Maintenance of two-way radios.
6405	STAFF TRAINING	3,000	Staff certification training for educational credits for California Department of Public Health.

Operations (Cont.)

6406	PROFESSIONAL DEVELOPMENT	1,000	Professional development in accordance with MOU.
6450	COMMUNICATIONS	1,000	Internal allocation of a shared fax line, office telephone charges and 6 mobile phones, pagers and radios.
6502	COMMUNITY PROMOTION	57,500	Water conservation landscape program by BAWSCA, (\$16,000); Water wise program administered by BAWSCA, (\$11,500); Rebate program for high-efficiency clothes washers for both residential and commercial users, (\$15,000); Rebate program for ultra low-flow toilets for both residential and commercial users, (\$15,000).
6531	UTILITIES	435,000	Energy costs for five wells and eight pump stations.
6601	RENTAL & LEASES	162,000	Rental and leases for wells and water pump stations.
6701	DUES & MEMBERSHIPS	2,100	Dues and memberships for: American Water Works Association (AWWA), (\$500); Peninsula Water Works Association (PWWA), (\$1,000); American Public Works Association (APWA), (\$600).
6702	PUBLICATIONS & SUBSCRIPTIONS	300	UpFlow Newsletters , AWWA News magazine.
6704	MEETINGS/ CONFERENCES	3,000	2010 American Water Works Association (AWWA) Conference.
SUBTOTAL FOR OPERATIONS		\$680,500	

INTERGOVERNMENTAL	ADOPTED BUDGET	DESCRIPTION
7061 WATER PURCHASES-SF	\$1,856,250	Water purchases from SFPUC, (\$1,706,250); Water purchases from NCCWD, (\$150,000).
7069 INTERGOVERNMENTAL - OTHER	30,000	Bay Area Water Supply and Conservation Agency (BAWSCA) agency membership.
SUBTOTAL FOR INTERGOVERNMENTAL		\$1,886,250

INTERNAL ALLOCATIONS	ADOPTED BUDGET	DESCRIPTION
7901 OTHER INTERNAL SERVICE ALLOC.	\$12,351	Self-Insurance Allocation.
7902 GENERAL ADMIN. ALLOC.	555,517	PW Administration Allocation, (\$179,473); General Administration Allocation, (\$376,044).
SUBTOTAL FOR INTERNAL ALLOCATIONS	<u>\$567,868</u>	
GRAND TOTAL	<u><u>\$4,355,323</u></u>	

DISTRIBUTION OPERATIONS
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WATER ENTERPRISE – WATER DISTRIBUTION DIVISION

*The City of San Bruno Water Distribution Division is
committed to protecting public health and delivering portable water*

PROGRAMS

The Water Distribution Division is responsible for the efficient and effective operations and maintenance of the Water Supply and Distribution systems that make up the Water Enterprise Fund activities. The San Bruno water distribution system consists of 100 miles of pipelines, 9,000 valves, 985 fire hydrants, eight pumping stations, eight storage tanks and 13 pressure zones. Through this complex network of interrelated systems, Water Distribution maintains and operates the water supply and distribution system so that water delivered to its customers meets all Federal and State water quality standards, pressure and quantity mandates, as well as meeting secondary standards such as taste and color through active distribution system infrastructure assessment and flushing programs. The primary services provided include:

DISCRETIONARY CUSTOMER SERVICES ACTIVITIES

Provide routine preventative maintenance on 985 fire hydrants, painting appropriate color caps and tops to match fire flows. Update fire flow database, continuing the fire flow-testing program.

BEST MANAGEMENT PRACTICES TO OPTIMIZE SERVICES

Continue a comprehensive meter-testing program to ensure maximum production, accuracy, and reliability throughout the distribution system. Maintain a graffiti abatement program at all water distribution facilities.

RESPONDING TO URGENT COMMUNITY NEED

Ensure the highest customer service relying on a quick response time to water main/service leaks and daily routine turn on/off's at the meter. Resolve water quality questions and concerns in a timely manner.

ROUTINE REPAIR AND MAINTENANCE

Daily preventative maintenance at eight-pump station maintaining a viable reliability to meet the City's daily water demand. Perform periodic generator maintenance testing to ensure fire flow pumping capacity during a power outage.

MINIMUM SERVICES FOR BASIC FUNCTIONALITY AND REGULATORY COMPLIANCE

Pump station inspection and repairs, major pump repairs performed by contractors, response and repairs to 90-130 main breaks, meter reading, annual hydrant flushing to lower nitrites, and weekly biological sampling are all of the basic functions in order to operate the City's distribution system.

PRIORITY FOCUS

The adequacy and reliability of the City's water distribution system is vital for the commercial redevelopment of parcels in the community and for fire protection. Essential to providing an adequate and reliable water distribution system are preventative and timely repair and maintenance of the water mains and pumping stations, as well as adequate replacement of the City's aging water system's physical assets. Assisting in this is a reliable and usable Supervisory Control and Data Acquisition (SCADA) system that allows the most efficient use of City resources, both personnel and energy related. Staff is responsive to the approximate 90 - 130 water breaks per year in order to continue reliable service to the City's customers as well as have adequate pressure and flows for fire protection.

In 2009-10, the Division will place a priority on capital and real-time monitoring improvements to better serve customers' needs. Design and construction work will begin on the seismic retrofit of structurally outdated water tanks, and on the replacement of water main lines in older areas of the City subject to frequent breaks and the cause of significant overtime charges. In addition, plans are moving forward to enable remote meter reads in real-time so that customers can be informed of excessive use—a sign of a potential leak. When leaks are detected, the Division will continue to deploy the hydraulic excavator as a powerful tool to quickly and effectively repair broken water lines. Taken together, this work effort will provide customers with better service, fewer water outages, reduced time for repairs and a greater probability that customers will continue to receive water service even after a seismic event.

PROGRAM RESOURCES

Delivery of the Division's core services during fiscal year 2009-10 will require an expenditure budget of \$2,420,058 and personnel resources of 12.25 full time employees.

REVENUES

The Water Division is funded entirely by Water Enterprise Fund revenue derived from the utility rates charged to residents, commercial and industrial users based on their meter charges and water consumption. These rates were revised in 2008-09 to reflect the increased cost of providing water service acquiring wholesale water resources, and investing in the replacement of aging infrastructure.

EXPENDITURES

Non-personnel expenditures under this budget are paid primarily to cover the cost of supplies and materials necessary to maintain and repair the water distribution system. The 2009-10 expenditure budget includes equipment purchases that enhance efficiency or are regulatory/safety required and contractual services for complex non-capital projects.

PERSONNEL
Personnel Summary

Public Services Department	General Fund		Water		Storm water	Waste water	Internal Service	Special Revenue	Total
	Admin & Eng.	Streets	Supply	Distrib.	Operations	Operations	Central Garage	Solid Waste	
Public Services Director	0.15	0.05	0.20	0.15	0.05	0.35	0.05	0.00	1.00
Deputy Dir. Engineering	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
Deputy Dir. Utilities	0.00	0.20	0.15	0.20	0.05	0.35	0.05	0.00	1.00
Maintenance Services Mgr	0.00	0.50	0.30	0.70	0.50	1.00	1.00	0.00	4.00
Principal Civil Engineer	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
Associate Civil Engineer	2.00	0.00	0.50	0.00	0.00	0.50	0.00	0.00	3.00
Water System & Consvr. Mgr	0.00	0.00	0.50	0.50	0.00	0.00	0.00	0.00	1.00
Water Quality Tech	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00
Management Analyst I/II	0.45	0.00	0.50	0.25	0.00	0.25	0.25	0.30	2.00
Engineering Tech	1.00	0.00	0.00	0.50	0.00	0.50	0.00	0.00	2.00
Pump Mechanic I/II	0.00	0.00	0.25	0.75	0.00	2.00	0.00	0.00	3.00
Lead Maintenance Worker	0.00	0.50	1.00	1.00	0.50	1.00	0.00	0.00	4.00
Maintenance Worker I/II	0.00	3.50	1.20	6.80	1.90	8.00	0.60	0.00	22.00
Mechanic I/II	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00
Executive Assistants	1.15	0.05	0.20	0.15	0.05	0.35	0.00	0.05	2.00
Secretary	0.00	0.25	0.25	0.25	0.00	0.25	0.00	0.00	1.00
Total	6.75	5.05	5.05	12.25	3.05	14.55	3.95	0.35	51.00

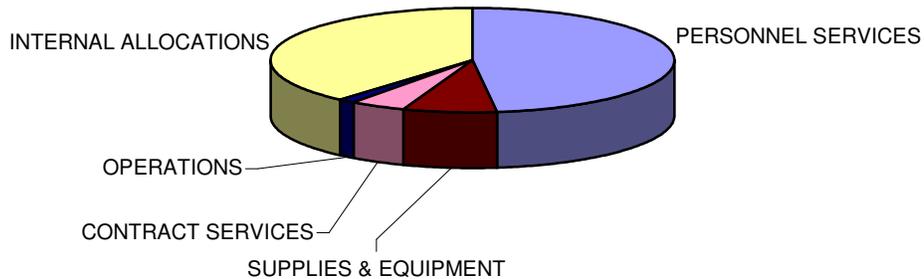
2008-09 ACCOMPLISHMENTS

- ✓ Completed construction at the Maple pump station No. 5.
- ✓ Replaced the emergency response truck, a first responder to water breaks and meter requests.
- ✓ Purchase of the hydraulic portable deployment hose reel utilized to reroute water for above ground during emergencies or for repairs.
- ✓ Successfully repaired over 130 main leaks throughout the distribution system with minimal interruptions of service to customers.
- ✓ Maintained an aggressive continuing education program that results in all Water personnel receiving the appropriate level of certification required by the State of California.

2009-10 GOALS & OBJECTIVES

- ❑ Construct and complete the new Water Main Improvement and Replacement Program along Mastick Avenue.
- ❑ Continue to enhance the pump station and periodic preventive maintenance plan to ensure the essential pumping capacity throughout the distribution system.
- ❑ Keep main leaks in the City's aging infrastructure to a minimum by on going preventive maintenance to the distribution systems pressure regulators, which regulates adequate pressures between pressure zones.
- ❑ Implement the construction of Cedarwood Court Regulator to regulate fire flows and water demands between zones during the cleaning of Tank No. 4.
- ❑ Continue to maintain an aggressive continuing education program to ensure that all Water personnel have achieved the appropriate level of certification required by the California Department of Public Health.
- ❑ Assist with the adoption of a new Groundwater Management Plan.
- ❑ Assist with the design and construction of the new College Pumping Station No. 4.
- ❑ Ensure all water quality parameters are met including the Initial Distribution System Evaluation (IDSE) and the Unregulated Contaminant Monitoring Regulation (UCMR) health-based standards set under the Safe Drinking Water Act.

Water Enterprise - Water Distribution Division 2009-10 Adopted Budget



	2009-10 ADOPTED	PERCENT OF TOTAL
PERSONNEL SERVICES	\$1,164,437	48%
SUPPLIES & EQUIPMENT	181,150	7%
CONTRACT SERVICES	106,500	4%
OPERATIONS	31,700	1%
INTERNAL ALLOCATIONS	936,271	39%
GRAND TOTAL	\$2,420,058	100%

PERSONNEL SERVICES	ADOPTED BUDGET	DESCRIPTION
5101 REGULAR SALARIES	\$819,055	Base salary and incentives for all department personnel, working a minimum of 80 hours per pay period. Subject to benefits per applicable MOUs.
5102 PART-TIME SALARIES	18,000	Base salary for temporary employees working fewer than 980 hours per fiscal year. Employees in this category are exempt from all benefits.
5105 OVERTIME	40,000	Overtime pay in accordance with the applicable MOU. Overtime pay is only subject to Medicare and FICA employer contributions, when applicable, not City cost of CalPERS retirement.
5200 EMPLOYEE BENEFITS	287,382	City's cost of CalPERS pension, Medicare, FICA where applicable, deferred compensation match, health & welfare insurance, life insurance, long-term disability insurance, management leave buyout, pay in-lieu of holidays.
SUBTOTAL FOR PERSONNEL SERVICES	\$1,164,437	

SUPPLIES & EQUIPMENT		ADOPTED BUDGET	DESCRIPTION
6001	OFFICE SUPPLIES	\$2,500	Office supplies for Water Distribution Division.
6101	GAS & OIL	26,150	Fuel and oil for vehicles assigned to Water Distribution.
6102	OPERATING SUPPLIES	22,000	Uniform and safety equipment, (\$11,000); Field supplies, (\$11,000).
6109	PARTS AND MATERIALS	98,000	Parts and materials for water main leaks in the distribution system, hydrant and valve replacement.
6201	BUILDING AND GROUNDS SUPPLIES	7,500	Building, yard and shop supplies.
6650	TOOLS & EQUIPMENT	25,000	Purchase of two flexible soft shell water tanks for use in emergencies.
SUBTOTAL FOR SUPPLIES & EQUIPMENT		\$181,150	

CONTRACT SERVICES		ADOPTED BUDGET	DESCRIPTION
6401	PROFESSIONAL SERVICES	\$5,000	Consultant services related to water quality, (\$5,000).
6411	CONTRACTUAL SERVICES	87,500	Fire hydrant painting program, (\$3,000); Quarterly inspections, (\$2,000); Pump repair failures, (\$5,000); Repair for main breaks, (\$60,000); Asphalt and concrete repair performed by Streets Division, (\$17,500).
6419	OTHER SERVICES	14,000	Security and alarm monitoring, (\$2,000); Testing of pipe repairs, (\$7,000); Cleaning and laundry services, (\$3,000); SCADA technical support, (\$2,000).
SUBTOTAL FOR CONTRACT SERVICES		\$106,500	

OPERATIONS		ADOPTED BUDGET	DESCRIPTION
6304	OFFICE EQUIPMENT MAINTENANCE	\$500	Office equipment maintenance.
6309	RADIO MAINTENANCE	500	Radio maintenance.
6405	STAFF TRAINING	5,000	Shift operators continuing education units in compliance with California Department of Public Health.
6406	PROFESSIONAL DEVELOPMENT	2,500	Professional development in accordance with MOU.

Operations (Cont.)

6450	COMMUNICATIONS	13,500	Internal allocation of a shared fax line, office telephone charges and 8 mobile phones, pagers and radios.
6601	RENTAL & LEASES	1,300	Rentals of emergency equipment.
6701	DUES & MEMBERSHIPS	4,400	Dues and memberships: American Water Works Association (AWWA), (\$3,000); USA, (\$500); American Public Works Association (APWA), (\$500); Peninsula Water Works Association (PWWA), (\$400).
6702	PUBLICATIONS & SUBSCRIPTIONS	1,000	Subscription to Journal of the American Water Works Association, California-Nevada Source newsletter, and vendor resource guides.
6704	MEETINGS/ CONFERENCES	3,000	2010 American Water Works Association (AWWA) Conference.
SUBTOTAL FOR OPERATIONS		\$31,700	

INTERNAL ALLOCATIONS	ADOPTED BUDGET	DESCRIPTION
7901 OTHER INTERNAL SERVICE ALLOC.	\$316,009	Self-Insurance Allocation, (\$215,427); Building Facilities Allocation, (\$11,262); IT Allocation, (\$16,975); Central Garage Allocation, (\$72,345).
7902 GENERAL ADMIN. ALLOC.	573,808	PW Administration Allocation, (\$194,595); General Admin Allocation, (\$96,482); Revenue Services Allocation, (\$282,731).
9079 TRANSFER TO EQPT. RESERVES	45,224	Allocation of reserve funding to provide for replacement of capital assets at the end of their useful lives.
9096 ENERGY DEBT ALLOC.	1,230	Allocation of lease-purchase debt service for improved energy efficiency at City buildings and facilities.
SUBTOTAL FOR INTERNAL ALLOCATIONS	\$936,271	
GRAND TOTAL	\$2,420,058	

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CAPITAL PROJECTS
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2009-14 WATER CAPITAL IMPROVEMENT PROGRAM

The Water Enterprise Fund provides for the maintenance and implementation of capital improvements related to the production and distribution of a dependable water supply from the City's wells and the purchase of water from the San Francisco Public Utilities Commission. The San Bruno water system consists of five production wells, 13 pressure zones, eight storage tanks, and five connections to major transmission pipelines. The distribution system includes 18 booster pumps, 1,000 fire hydrants, 9,000 valves, 100 miles of water mains, and over 11,300 meter services. The Water Capital Improvement Program is designed to protect, preserve, and enhance the water infrastructure facilities. The goal is to improve and/or replace existing facilities in an effort to extend the useful life of these valuable public assets.

NEW PROJECTS

- Groundwater Sustainability Study
- Hydro-Pneumatic Pump at Crystal Springs Terrace
- New Regulators on Four SFPUC Service Connections
- Pump Station Replacement Project
- Water System Asset Inventory
- Well Rehabilitation Program

PROJECTS IN THE 2009-14 WORK PLAN

- 2010 Urban Water Management Update
- Groundwater Management Plan
- Mastick Avenue Water Main Replacement Project
- Neighborhood Water Pump Station Security and Context Sensitive Improvements
- Pump Station No. 4 College Replacement
- Pump Station No. 5 Maple Replacement
- Standby Power Generators Program
- Tank Modifications/Seismic Retrofit Program
- Tank No. 3 Replacement Project
- Water Mains Improvement and Replacement Program
- Water System Master Plan Update
- Well No. 15 Commodore Park Replacement

PROJECTS REMOVED FROM BUDGET

- Pump Station No. 1 Sneath Replacement (deleted)
- Water Modeling Services Project (deleted)

**WATER CAPITAL 2009-14 WORK PROGRAM
FUNDING SUMMARY**

Project	Total Project Cost	Prior Years Funding	2009-10	2010-11	2011-12	2012-13	2013-14	Unidentified Funding Year
Water Capital								
2010 Urban Water Management Plan Update	95,000	0	55,000	40,000	0	0	0	0
Groundwater Management Plan	248,878	248,878	0	0	0	0	0	0
Groundwater Sustainability Study	100,000	0	0	0	100,000	0	0	0
Hydro-Pneumatic Pump at Crystal Springs Terrace	100,000	0	0	0	100,000	0	0	0
Mastick Avenue Water Main Replacement Project	1,581,700	561,250	1,020,450	0	0	0	0	0
Neighborhood Water Pump Station Security and Context Sensitive Improvements	230,000	0	0	0	115,000	115,000	0	0
New Regulators on Four SFPUC Service	400,000	0	0	0	0	400,000	0	0
Pump Station No. 4 College Replacement	2,362,101	2,048,500	0	313,601	0	0	0	0
Pump Station No. 5 Maple Replacement	3,033,627	2,782,170	251,457	0	0	0	0	0
Pump Station Replacement Project	5,300,000	0	0	0	0	0	0	5,300,000
Standby Power Generators Program	62,747	624,536	-561,789	0	0	0	0	0
Tank Modifications/Seismic Retrofit Program	2,727,443	800,000	0	438,697	456,245	506,128	526,373	0
Tank No. 3 Replacement Project	1,340,000	40,000	1,300,000	0	0	0	0	0
Water Mains Improvement and	3,151,160	272,500	0	584,929	608,326	632,660	1,052,745	0
Water System Asset Inventory	75,000	0	75,000	0	0	0	0	0
Water System Master Plan Update	200,000	0	10,000	75,000	115,000	0	0	0
Well No. 15 Commodore Park Replacement	2,500,000	0	0	0	0	0	2,500,000	0
Well Rehabilitation Project	520,000	0	110,000	410,000	0	0	0	0
Total	\$24,027,656	\$7,377,834	\$2,260,118	\$1,862,227	\$1,494,571	\$1,653,788	\$4,079,118	\$5,300,000

2010 URBAN WATER MANAGEMENT PLAN UPDATE

PROJECT DESCRIPTION: This project is necessary to conform to the requirements of the Urban Water Management Planning Act, California Water Code Sections 10610 through 10650. The Act has been amended several times since it was first signed into law in 1984. One of the more recent amendments, Assembly Bill (AB) 2853, which was passed in 1994, requires the Plan to examine recycled water as a potential water source. Another new amendment, AB 1845, 1995, mandates every urban water supplier to include, as part of its Plan, a prescribed assessment of the reliability of its capability to supply water to its customers during normal, dry, and critically dry water runoff years.

This project will update the 2005 plan, which was adopted in FY 2006-07 to incorporate current data on population, water use, water supply and reliability and evaluate current water conservation program and best management practices.

PROJECT NUMBER: 84704

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: A complete Urban Water Management Plan can be a foundational document and source of information for SB 610 Water Supply Assessments and SB 221 Written Verifications of Water Supply. The Urban Water Management Plans will also serve as a critical source document for the City as it updates the General Plan and proposes future Capital Improvements.

LIFE EXPECTANCY: Each urban water supplier is required to update its plan at least once every five years on or before December 31, in years ending in five and zero.

2008-09 STATUS: No work.

2009-10 WORK PLAN: Award consultant contract and begin drafting the update. The final document should be adopted by the City Council by December 2010.

PROJECTED COMPLETION DATE: December 2010

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	2010-11 Request	Total Appropriations
Water Capital	0	0	55,000	40,000	95,000
Total	\$0	\$0	\$55,000	\$40,000	\$95,000

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	2010-11 Request	Total Expenditures
0640: Study	0	0	55,000	40,000	95,000
Total	\$0	\$0	\$55,000	\$40,000	\$95,000

ONGOING FINANCIAL IMPACT: None.

GROUNDWATER MANAGEMENT PLAN

PROJECT DESCRIPTION: This project will engage the South Westside Basin pumpers (Daly City, Cal Water, SFPUC) to develop a Groundwater Management Plan in compliance with State Water Resource Control Board requirements. The South Westside Basin aquifer is a vital regional resource that needs to be managed to ensure its long-term health and sustainability. San Bruno is the lead agency for this project. This is a vital planning tool that will further document t regional cooperation.

This project was first listed in the 2007-08 Capital Improvement Program and appropriated \$190,000 from the Water Capital Fund. Subsequent to budget adoption, the State Department of Water Resources issued a request for grant proposals related to water management issues. Staff's proposal was accepted and the State issued a grant to cover the cost for a consultant contract to complete the plan. Staff time in the amount of \$30,000 is necessary to manage consultant work and will continue to be paid from the Water Capital fund.

PROJECT NUMBER: 84136

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: This project is necessary to ensure sustainability of groundwater resources and it positions the City to be eligible for grant funds.

LIFE EXPECTANCY: 10 years.

2008-09 STATUS: Finalized consultant scope of services, awarded contract, and coordinated with appropriate agencies to initiate development of the groundwater management plan. Received \$209,908 in grant funding from the State Department of Water Resources to complete plan and secured funding commitment from partner agencies.

2009-10 WORK PLAN: Continue work on plan development. Extension of original December 2009 completion date due to delay in grant funding availability from State.

PROJECTED COMPLETION DATE: December 2010.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

<u>Funding Source</u>	<u>Previously Funded</u>	<u>Carry-Over Appropriations</u>	<u>2009-10 Request</u>	<u>Future Years</u>	<u>Total Appropriations</u>
Water Capital	38,970	0	0	0	38,970
State Department of Water Resources Grant	209,908	208,382	0	0	209,908
Total	\$248,878	\$208,382	\$0	\$0	\$248,878

<u>Line Item Expenditu</u>	<u>Prior Expenses</u>	<u>2008-09 Expenses</u>	<u>2009-10 Adopted</u>	<u>Future Years</u>	<u>Total Expenditures</u>
0640: Study	8,970	31,527	177,399	30,983	248,878
Total	\$8,970	\$31,527	\$177,399	\$30,983	\$248,878

ONGOING FINANCIAL IMPACT: None.

GROUNDWATER SUSTAINABILITY STUDY

PROJECT DESCRIPTION: The City currently operates five wells to augment purchased water from the San Francisco Public Utilities Commission. While the City maintains these wells and has scheduled preventative maintenance or complete rehabilitation as appropriate, one additional well will be necessary to maintain historical groundwater production. The study will identify potential locations on which to site a new well as well as to what production capacity it should have.

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: The City places a high priority on providing an uninterrupted supply of quality water. An additional well will ensure that such service continues into the future even during time of drought when there will be a greater reliance on groundwater supplies.

LIFE EXPECTANCY: 5 years

PROJECTED PROJECT START DATE: 2011

PROJECTED PROJECT COMPLETION DATE: 2012

PROJECT-RELATED APPROPRIATIONS:

Funding Source	Total Project Cost	2011-12 Request
Water Capital	100,000	100,000
Total	\$100,000	\$100,000

ONGOING FINANCIAL IMPACT: None.

HYDRO-PNEUMATIC PUMP AT CRYSTAL SPRINGS TERRACE

PROJECT DESCRIPTION: To supply water to the Crystal Springs Terrace apartment complex, the City must purchase water from the North Coast County Water District. This is due to the complex's geographic location that is too far from the City's pumping stations to be reliably served. Instead, the City obtains water from the NCCWD and then sends it directly to Crystal Springs Terrace.

Installing a hydro-pneumatic pump would allow Crystal Springs Terrace to receive water from traditional City sources by enabling the water pressure in the area to be reliably maintained without adversely impacting the nearby water pumping station. The requested funding amount will cover the costs to purchase and install the hydro-pneumatic pump.

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Currently, the water obtained from NCCD must be purchased at rates much higher than the cost of groundwater or water received from the SFPUC. Due to this high cost, residents at Crystal Springs Terrace must pay a premium on their water bill. North Coast County Water District intends to increase their rates in FY 2010-11. As soon as the City is aware of what that rate might be, staff will perform a cost-benefit analysis to determine if it would be more beneficial to install the hydro-pneumatic pump and serve Crystal Springs Terrace with water from City sources, or to continue purchasing water from NCCWD.

LIFE EXPECTANCY: 5 years

PROJECTED PROJECT START DATE: 2011

PROJECTED PROJECT COMPLETION DATE: 2012

PROJECT-RELATED APPROPRIATIONS:

<u>Funding Source</u>	<u>Total Project Cost</u>	<u>2011-12 Request</u>
Water Capital	100,000	100,000
Total	\$100,000	\$100,000

ONGOING FINANCIAL IMPACT: Minimal. Should the project provide a net monetary benefit for the residents, the cost for this capital improvement may be assessed on the water bills of the residents of Crystal Springs Terrace.

MASTICK AVENUE WATER MAIN REPLACEMENT PROJECT

PROJECT DESCRIPTION: Originally developed under the Water Mains Improvement and Replacement Program, this project—in combination with the Mastick Avenue *Wastewater* Main Replacement Project—will upgrade and replace the existing water and wastewater mains beneath Mastick Ave. from San Felipe Ave. to Artichoke Joe’s.

PROJECT NUMBER: 84701

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: This stretch of piping has long since passed its useful life, patched and re-patched numerous times over the years. Water main breaks disrupt service and are caused, in part, by the natural deterioration of pipelines against their expected life, which will ultimately lead to their failure. The avoidance of liability and significant impacts to the City’s water distribution system is therefore a function of pursuing a timely, proactive replacement effort.

LIFE EXPECTANCY: 50 years

2008-09 STATUS: Completed project design. When first developed, staff estimated a preliminary total project cost of approximately \$600,000. However, the design effort revealed that the complexity of construction activities pushes that total project cost to nearly \$1.6 million. The construction complexity involves the age of the site, the varying existing pipe sizes, gradients and other unique site conditions—including the potential need to repave Mastick Avenue.

2009-10 WORK PLAN: Prepare a bid package, award construction contract, and complete construction.

PROJECTED COMPLETION DATE: June 2010.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Future Years	Total Appropriations
Water Capital	561,250	485,550	1,020,450	0	1,581,700
Total	\$561,250	\$485,550	\$1,020,450	\$0	\$1,581,700

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Future Years	Total Expenditures
0610: Design	0	75,700	0	0	75,700
0620: Construction	0	0	1,506,000	0	1,506,000
Total	\$0	\$75,700	\$1,506,000	\$0	\$1,581,700

ONGOING FINANCIAL IMPACT: Reduction of the amount of overtime needed for emergency repairs of main breaks in this area.

NEIGHBORHOOD WATER PUMP STATION SECURITY AND CONTEXT SENSITIVE IMPROVEMENTS

PROJECT DESCRIPTION: This project will provide exterior improvements to various water pump stations located in neighborhoods throughout the City with the objective of making the buildings more secure, improving appearance, and utilizing materials that will require less maintenance.

There are currently seven water pump stations in need of upgrading. The anticipated project will include an initial needs assessment for all pump stations that will be used to estimate the cost and develop criteria for prioritizing improvement recommendations. Work will then be completed in phases as funding allows.

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: This project would enhance the appearance and image of City facilities.

PROJECTED PROJECT START DATE: 2011

PROJECTED PROJECT COMPLETION DATE: 2013

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Total Project Cost	2011-12 Request	2012-13 Request
Water Capital	230,000	115,000	115,000
Total	\$230,000	\$115,000	\$115,000

ONGOING FINANCIAL IMPACT: Minimal, other than routine maintenance.

NEW REGULATORS ON FOUR SFPUC SERVICE CONNECTIONS

PROJECT DESCRIPTION: All water purchased from the San Francisco Public Utilities Commission (SFPUC) passes through five service connections into the City's distribution system. One out of the five connections has a regulator moderating the water pressure between the two systems—the other four do not. To reduce the stress placed on the City's distribution system and to ensure that any malfunction within the SFPUC water delivery system does not impact the City's water pressure, this project will install four specialized vaults that will serve to regulate the pressure between the two systems.

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: The project reduces the stress placed upon the City's aging distribution system as a result of water moving from the SFPUC's high-pressure zone to the City's lower pressure zones. In addition, the new regulators allow the City to isolate itself from the SFPUC system should any damage occur as a result of a large earthquake.

LIFE EXPECTANCY: 30 years

PROJECTED PROJECT START DATE: 2012

PROJECTED PROJECT COMPLETION DATE: 2013

PROJECT-RELATED APPROPRIATIONS:

Funding Source	Total Project Cost	2012-13 Request
Water Capital	400,000	400,000
Total	\$400,000	\$400,000

ONGOING FINANCIAL IMPACT: The new structures require minimal ongoing maintenance. As the regulators come online, there should be a reduction in maintenance needs at the nearby water assets that typically receive the high-pressure water from the SFPUC.

PUMP STATION NO. 4 COLLEGE REPLACEMENT

PROJECT DESCRIPTION: This project will rehabilitate the Pump Station #4 located in the northwest corner at College Drive and Skyline Boulevard. The scope of work will include replacing or upgrading pumps, motors and controls that are approaching the end of their useful life, in a new and functional above-ground enclosure.

PROJECT NUMBER: 84140

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Pump Station #4 is the sole pump providing water to Pressure Zone 11, which includes Skyline College and the surrounding neighborhoods. Loss of this Pump Station #4 for a period greater than 8 hours would result in severe outage conditions, including loss of fire main water.

LIFE EXPECTANCY: 50 years

2008-09 STATUS: Project design development at 35%. Caltrans took extensive time approving the encroachment permit for the location of the new pump station.

2009-10 WORK PLAN: Complete plans and specifications. Advertise and award contract; begin construction. The construction schedule based, in part, on lead-time for pump manufacturing once contract has been awarded.

PROJECTED COMPLETION DATE: December 2010.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	2010-11 Request	Total Appropriations
Water Capital	2,048,500	1,909,680	0	313,601	2,362,101
Total	\$2,048,500	\$1,909,680	\$0	\$313,601	\$2,362,101

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	2010-11 Request	Total Expenditures
0610: Design	88,793	50,027	184,164	0	322,985
0620: Construction	0	0	500,000	1,539,116	2,039,116
Total	\$88,793	\$50,027	\$684,164	\$1,539,116	\$2,362,101

ONGOING FINANCIAL IMPACT: Minimal, other than routine maintenance. Reduces maintenance costs, and reduces potential for system interruptions that will require emergency measures, revenue reduction, and restitution of damages to customers.

PUMP STATION NO. 5 MAPLE REPLACEMENT

PROJECT DESCRIPTION: This project will rehabilitate the Pump Station #5 located one block southeast of Grundy Park, between Cedar and Maple Avenues. The scope of work will include replacing or upgrading pumps, motors and controls that are approaching the end of their useful life, in a new and functional above-ground enclosure.

PROJECT NUMBER: 84109

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: This project is considered the most urgent of all water system capital projects. Pump Station #5 is a key link in the overall water system connecting SFPUC and well point sources to seven of the system's eight storage tanks. Declining efficiency and possible failure of the pumps will adversely affect the City's ability to continuously serve a large number of customers reliably. Pump Station #5 is a critical link in the uphill transmission of water from the lower elevations where purchased water enters the system and well water is produced, to neighborhoods in San Bruno's upper elevations, including a number of new and proposed developments. If this station were to go out of service, it would damage the City's ability to provide potable and fire response water in most neighborhoods in the upper elevations of the City.

LIFE EXPECTANCY: 50 years.

2008-09 STATUS: Completed all major construction and demolition work. This project presented many challenges during the design and construction phase. An old site used for multiple purposes long ago, the site of Pump Station 5 had underground utilities in unexpected locations, causing hardship during design and construction. Moreover, the new pumps required additional modifications after delivery, delaying the project and increasing costs. In addition, during the transition to new financial accounting software, expenditures incurred in 2006-07 were not accurately captured when the 2008-09 budget was presented to the City Council. Due to this omission, the amount of funds available to complete the project was previously overstated. The 2009-10 appropriation request corrects this omission and provides the funding necessary to close out the project.

2009-10 WORK PLAN: Complete construction and closeout project.

PROJECTED COMPLETION DATE: August 2009.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Future Years	Total Appropriations
Water Capital	2,782,170	(19,584)	251,457	0	3,033,627
Total	\$2,782,170	(\$19,584)	\$251,457	\$0	\$3,033,627

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Future Years	Total Expenditures
0610: Design	522,913	13,368	0	0	536,281
0620: Construction	1,229,401	1,036,072	231,873	0	2,497,346
Total	\$1,752,314	\$1,049,440	\$231,873	\$0	\$3,033,627

ONGOING FINANCIAL IMPACT: Minimal, other than routine maintenance. Reduces maintenance costs, and reduces potential for system interruptions that will require emergency measures, revenue reduction, and restitution of damages to customers.

PUMP STATION REPLACEMENT PROJECT

PROJECT DESCRIPTION: The City operates seven water pump stations to deliver the water through 13 pressure zones. Several of these stations have approached the end of their useful life. Maple Pump Station is finishing a complete reconstruction and College Pump Station will soon follow. In the coming years, additional pump stations will need replacement/rehabilitation including:

- Pump Station No. 1
- Pump Station No. 3 (Whitman)
- Corporation Yard Pump Station
- Pump Station No. 2 (Lake)

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: The project will ensure continued reliability of the pump stations and the City's water delivery system.

LIFE EXPECTANCY: 40 years

PROJECTED PROJECT START DATE: 2010

PROJECTED PROJECT COMPLETION DATE: 2020

PROJECT-RELATED APPROPRIATIONS:

Funding Source	Total Project Cost	2010-20 Request
Water Capital	5,300,000	5,300,000
Total	\$5,300,000	\$5,300,000

ONGOING FINANCIAL IMPACT: Replacing the deteriorating stations will reduce maintenance burden.

STANDBY POWER GENERATORS PROGRAM

PROJECT DESCRIPTION: This program ensures that the water needs of residents can be met by providing emergency generators to critical water system facilities such as pump stations and wells. Prior to 2009-10 the program provided diesel generators for Wells 17 and 18. However, due to new air quality regulations adopted by the Bay Area Air Quality Management District, supplying additional diesel generators may be problematic. The City intends to use a portion of the remaining prior appropriation to reevaluate other means to supply utility facilities with emergency power. Once the most appropriate method has been identified, a more detailed generator installation program will be developed.

PROJECT NUMBER: 84127

PROJECT MANAGER: Water Services Manager/Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Installation of stand-by power generators will make the facilities more reliable and available for use during an emergency involving a power outage, reducing risk of water customer service interruption.

LIFE EXPECTANCY: 20+ years.

2008-09 STATUS: Work has been deferred until decisions regarding conjunctive use have been finalized.

2009-10 WORK PLAN: Evaluate all available emergency power generating alternatives for compliance with air quality regulations and cost efficiency.

PROJECTED COMPLETION DATE: June 2010.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Future Years	Total Appropriations
Water Capital	624,536	575,589	(561,789)	0	62,747
Total	\$624,536	\$575,589	(\$561,789)	\$0	\$62,747

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Future Years	Total Expenditures
0610: Design	48,685	262	13,800	0	62,747
Total	\$48,685	\$262	\$13,800	\$0	\$62,747

ONGOING FINANCIAL IMPACT: Minimal, other than regular maintenance.

TANK MODIFICATIONS/SEISMIC RETROFIT PROGRAM

PROJECT DESCRIPTION: This program will examine the ability of the City’s seven water storage tanks to withstand the most credible earthquake event. Improvements would likely include welding steel plates to the exterior of the tanks; installing piers to better anchor the tanks; building a concrete ring around the base of tanks; and improving access manholes, ladders, and roof systems.

Installation of tank ladders has been identified as a priority given that they have aged to where several are unsafe and unuseable to where a crain is required to perform tank inspections and testing. Ladders will be designed in such a way that they can be removed and reinstalled following future seismic retrofitting.

PROJECT NUMBER: 84131

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Water tanks are critical to system and customer service, through their capacity to store water for fire flow demand, for balancing peak flows, and for emergency supply. Seismic damage or failure could cause long-term interruption of service to customers, and downstream flood damage.

LIFE EXPECTANCY: 20+ years

2008-09 STATUS: Awarded tank ladder construction project. Completed the design of flexible pipe connections and screen installations at Tank 1.

2009-10 WORK PLAN: Complete ladder construction. Install flexible pipe connections and screens on Tank 1. Embark on design for next phase of seismic retrofits for all remaining tanks. Based on condition of the evaluated tanks, schedule construction phases.

PROJECTED COMPLETION DATE: Ongoing project.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	2010-14 Request	Total Appropriations
Water Capital	800,000	590,506	0	1,927,443	2,727,443
Total	\$800,000	\$590,506	\$0	\$1,927,443	\$2,727,443

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	2010-14 Request	Total Expenditures
0610: Design	100,697	105,830	154,160	293,951	654,638
0620: Construction	744	2,223	332,960	1,736,878	2,072,805
Total	\$101,441	\$108,053	\$487,120	\$2,030,829	\$2,727,443

ONGOING FINANCIAL IMPACT: Reduces City risk of major expense due to seismic failure, which would require very extended water outages and far greater cost of replacement, compared to proposed cost of retrofits.

TANK NO. 3 REPLACEMENT PROJECT

PROJECT DESCRIPTION: Tank No. 3 is in very poor structural condition, and as a result, the City is only able to utilize 50% of its 2-million gallon storage capacity. Rehabilitation of this storage tank will address a 1-million gallon storage shortfall and reestablish ability to deliver all existing and future development required fire suppression flows.

The original scope anticipated that Tank No. 3 would be replaced with two new steel water storage tanks. However, a study conducted to evaluate the feasibility of rehabilitating the existing tank clearly showed that, not only is it feasible to rehabilitate the tank to recapture its 2-million gallon storage capacity, such a rehabilitation will reduce the total project cost by approximately \$1 million.

PROJECT NUMBER: 84142

PROJECT MANAGER: Deputy Public Services Director

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: The Water Master plan calls for the replacement of Tank No. 3. The additional storage capacity will increase flexibility to move water throughout the distribution system and will ensure sufficient fire suppression flow.

LIFE EXPECTANCY: 50 years.

2008-09 STATUS: Feasibility study indicated that Tank 3 is a prime candidate for rehabilitation. Initiated design work for rehabilitation.

2009-10 WORK PLAN: Complete design and bid package. Award construction contract and complete all rehabilitation work.

PROJECTED COMPLETION DATE: June 2010.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Future Years	Total Appropriations
Water Capital	40,000	0	1,300,000	0	1,340,000
Total	\$40,000	\$0	\$1,300,000	\$0	\$1,340,000

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Future Years	Total Expenditures
0610: Design	0	40,000	25,000	0	65,000
0620: Construction	0	0	1,275,000	0	1,275,000
Total	\$0	\$40,000	\$1,300,000	\$0	\$1,340,000

ONGOING FINANCIAL IMPACT: Overall maintenance costs will drop with rehabilitation of the new tank.

WATER MAINS IMPROVEMENT AND REPLACEMENT PROGRAM

PROJECT DESCRIPTION: Under this program, waterline replacements, capacity upgrades and new pipeline installation will be considered and prioritized based upon several factors. These include: degree of liability exposure in the event of a breakage; repair and maintenance history; age of pipeline as it corresponds to remaining useful life; mainline capacity to serve wider regions of the community; pipeline capacity to serve neighborhoods; and system redundancy.

PROJECT NUMBER: 84129

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Water main breaks disrupt service to many customers annually. They are caused, in part, by the natural deterioration of pipelines against their expected life, which will ultimately lead to their failure if not replaced in time. The avoidance of liability and significant impacts to the City's water distribution system is therefore a function of pursuing a timely and continuous replacement effort.

When waterlines break, they often do so quite violently, rupturing the surface above them with a volume of pressurized water that can often overwhelm the storm drain collection system. Flooding may often occur causing damage to adjacent property. When a home is involved, claims for damages can be quite costly.

LIFE EXPECTANCY: 50 years

2008-09 STATUS: Worked with the City Council Utilities Subcommittee to establish a level of service that replaces water mains within 20 years.

2009-10 WORK PLAN: Identify priority projects for future capital project funding; including coordination with streets, water and storm drain needs.

PROJECTED COMPLETION DATE: Ongoing.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	2010-14 Request	Total Appropriations
Water Capital	272,500	248,587	0	2,878,660	3,151,160
Total	\$272,500	\$248,587	\$0	\$2,878,660	\$3,151,160

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	2010-14 Request	Total Expenditures
0600: Pre-Design	0	0	5,000	152,623	157,623
0610: Design	23,913	0	0	305,247	329,160
0620: Construction	0	0	0	2,664,377	2,664,377
Total	\$23,913	\$0	\$5,000	\$3,122,247	\$3,151,160

ONGOING FINANCIAL IMPACT: Ongoing project to be funded each fiscal year. The costs above reflect only work to be done in the next five years. Additional appropriations will be required in the future.

WATER SYSTEM ASSET INVENTORY

PROJECT DESCRIPTION: As part of the implementation of the Computerized Maintenance Management System (CMMS), staff proposes the identification and data entry of the precise geographical location for each water asset. This information will be incorporated into the CMMS and used to create accurate maps of the entire water system. Water personnel have previously gathered some of this GIS information, but a substantial amount of work remains.

The City will engage a firm specialized in creating GIS maps to assist with this process. The GIS firm will first create a water facilities base map through the satellite imaging of aboveground structures such as pump stations, wells and tanks. Staff will then begin the inventory of smaller or underground facilities such as pressure regulators, valves, main sections, etc by using a precise Global Positioning System (GPS). The GIS firm will incorporate all of these asset data points into the original base map as well as upload the data into the CMMS. Each asset will have a unique identification number so the CMMS can accurately categorize and name the asset, locate the asset on a GIS map, produce work orders, and generate a history of that asset’s repairs and maintenance.

PROJECT NUMBER: 84705

PROJECT MANAGER: Water Services Manager

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Assembling water facilities assets into a GIS architecture will allow for better strategic management of the water system and allow for more efficient design of future capital improvement projects.

LIFE EXPECTANCY: 10 years

2008-09 STATUS: No work.

2009-10 WORK PLAN: Award contract with a GIS firm to assist with data collection procedures, data evaluation, data input, and development of GIS maps. Water field staff will collect data and key personnel will receive training on GIS software.

PROJECTED COMPLETION DATE: June 2011.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Future Years	Total Appropriations
Water Capital	0	0	75,000	0	75,000
Total	\$0	\$0	\$75,000	\$0	\$75,000

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Future Years	Total Expenditures
0640: Construction	0	0	75,000	0	75,000
Total	\$0	\$0	\$75,000	\$0	\$75,000

ONGOING FINANCIAL IMPACT: Enhance efficiency of operational and capital expenditures.

WATER SYSTEM MASTER PLAN UPDATE

PROJECT DESCRIPTION: The current water system master plan was completed in 2001, and requires substantial updating and re-analysis. This will include revised modeling of the City's water production, treatment, storage, and distribution systems to reflect changes and upgrades made via CIP projects and land development carried out over the intervening years. This project will be coordinated with San Bruno's on-going effort to characterize of system geometry via Geographic Information System (GIS) data collection and modeling.

The master plan update will provide a basis for project alternatives and recommendations for future repairs and modifications to the system that will provide more reliable and efficient water service.

PROJECT NUMBER: 84706

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Reliable quality, flow, and pressure are key measures of water utility customer service that can only be provided through proper system assessment, planning, and rehabilitation.

LIFE EXPECTANCY: 5-8 years

2008-09 STATUS: No work.

2009-10 WORK PLAN: Identify and develop and specific scope of work for the master plan update. Initiate RFP proceedings to secure specialized engineering consultant services. Draft and finalize report in the subsequent year.

PROJECTED COMPLETION DATE: June 2011

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	2010-11 Request	Total Appropriations
Water Capital	0	0	10,000	190,000	200,000
Total	\$0	\$0	\$10,000	\$190,000	\$200,000

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	2010-11 Request	Total Expenditures
0640: Study	0	0	10,000	190,000	200,000
Total	\$0	\$0	\$10,000	\$190,000	\$200,000

ONGOING FINANCIAL IMPACT: The master plan will allow future CIP project funds to be expended more effectively.

WELL NO. 15 COMMODORE PARK REPLACEMENT

PROJECT DESCRIPTION: The City currently has five production wells that produce groundwater to meet approximately 50% of the total water supply demand. Well #15 located at Commodore Park is one of the oldest well locations at 24-years old. Despite regular investment in maintenance and rehabilitation at this well, it continues to have diminishing production rates to the point where it is no longer cost effective to operate.

This new well will be designed for a 30-year useful life and with materials and features to minimize the “total life” cost of the facility. Where feasible, existing facility equipment and structure will be retrofitted and/or reused to preserve the prior well investment.

This project will replace Well #15 with a new well approximately 400-feet from the current well location on a City owned parcel previously acquired for a well site and will also include the abandonment of the existing well. The goal would be to return the total well field sustainable production capacity to the City’s historical high level of approximately 2.71 MGD.

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: City Engineer/Water Services Manager.

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: By maintaining the long term ability to meet approximately 50% of total water demand with ground water supply The City maintains control and flexibility and ensures that the City is provided with a adequate and reliable water supplies for future development, wet year, drought year and emergency supply needs.

LIFE EXPECTANCY: 30 years

PROJECTED PROJECT START DATE: 2013.

PROJECTED PROJECT COMPLETION DATE: 2014.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Total Project Cost	2013-14 Request
Water Capital	2,500,000	2,500,000
Total	\$2,500,000	\$2,500,000

ONGOING FINANCIAL IMPACT: Will reduce maintenance costs and need to purchase water.

WELL REHABILITATION PROGRAM

PROJECT DESCRIPTION: The program provides a comprehensive preventative maintenance program for all five of the City's wells and involves three main tasks at each well:

- Rehabilitation of underground well infrastructure every 10 years.
- Replacement of filtration media every 10 years.
- Inspect and evaluate pumps and motors every five years and replace where warranted.

This work is in addition to the inspection program each well receives as part of regular operational activities.

PROJECT NUMBER: 84707

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: In the past the City has experienced well failures at a higher than expected rate. These breakdowns have the potential to result in a loss of service and increased costs due to the amount of water that must be purchased from the SFPUC. Preventative maintenance activities will help ensure less frequent breakdowns in well operations and, because the maintenance will be planned in advance, the time a well is inoperable will be significantly reduced.

LIFE EXPECTANCY: 10 years

2008-09 STATUS: Created well rehabilitation schedule.

2009-10 WORK PLAN: Complete underground rehabilitation and media replacement at Well 16.

PROJECTED COMPLETION DATE: June 2010.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	2010-11 Request	Total Appropriations
Water Capital	0	0	110,000	410,000	520,000
Total	\$0	\$0	\$110,000	\$410,000	\$520,000

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	2010-11 Request	Total Expenditures
0610: Design	0	0	3,300	20,000	23,300
0620: Construction	0	0	106,700	390,000	496,700
Total	\$0	\$0	\$110,000	\$410,000	\$520,000

ONGOING FINANCIAL IMPACT: With a regular rehabilitation program, the wells are more likely to reach their maximum useful life, thereby reducing future replacement costs.



Equipment Reserve
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**2009-10 EQUIPMENT RESERVE
ACQUISITION DESCRIPTION**

WATER FUND EQUIPMENT RESERVE

Water Service Truck No. 253 \$90,000

The vehicle scheduled for replacement is a 1999 Isuzu truck, used for all water service calls, leak repairs, as well as emergency repair work. To date, this vehicle has approximately 30,000 miles of city stop and go driving—equivalent to 90,000 on a normal vehicle. Its replacement, an F-550 with a utility body, is a heavier payload truck better able to meet the workload of the Division. The truck will feature a tamper holder located on the front bumper, a new crane, and a built in compressor and a jackhammer to replace the tow behind compressor unit.

WATER FUND EQUIPMENT RESERVE TOTAL \$90,000

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WASTEWATER FUND

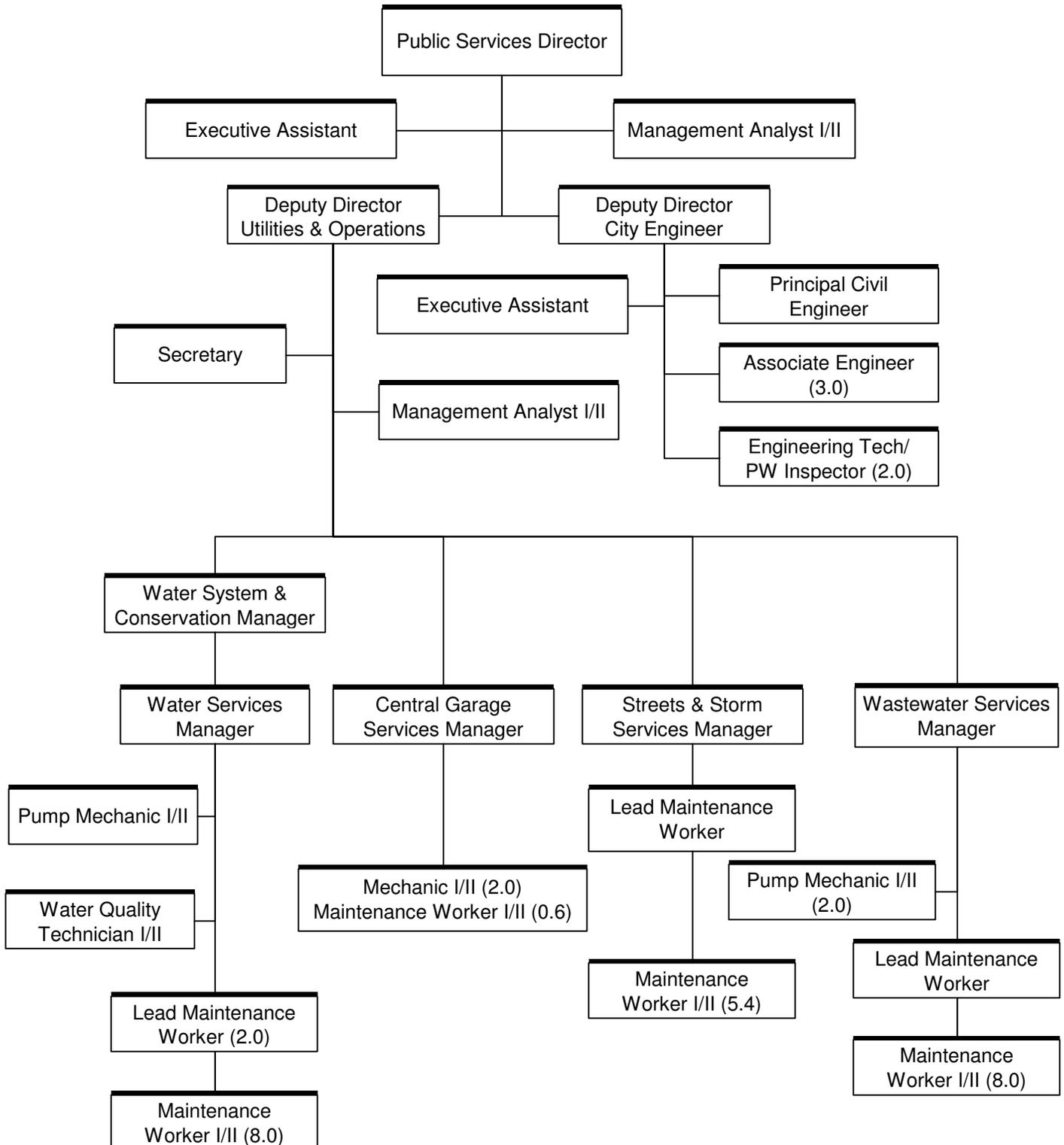
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WASTEWATER ENTERPRISE FUND

WASTEWATER ENTERPRISE FUND

A DIVISION OF PUBLIC SERVICES DEPARTMENT



SUMMARIES

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WASTEWATER ENTERPRISE FUND CASH SHEET

Wastewater Fund Cash Sheet

	2008-09 Budget	2008-09 Est. Actual	2009-10 Adopted
Beginning Balance, July 1	\$3,143,911	\$3,627,690	\$2,728,210
Revenues			
Operating Revenues	9,087,432	8,841,964	9,726,160
Capacity Charges	270,000	210,000	200,000
Interest Income	150,000	0	150,000
Total Revenues	9,507,432	9,051,964	10,076,160
Expenses			
Operating Expenses	5,912,718	6,315,505	6,759,972
Debt Service	2,272,217	1,871,295	1,869,132
Capital Improvement Program Expenses	3,939,925	1,724,244	2,911,621
Equipment Reserve Purchases	30,400	30,400	0
Transfer to Technology Capital	10,000	10,000	0
Total Expenses	12,165,260	9,951,444	11,540,725
Operating Surplus (Deficit)	(2,657,828)	(899,480)	(1,464,564)
Non-Operating Transfers: Equipment Reserve			
Transfer Out from Operations	98,845	98,845	49,844
Transfer In to Equipment Reserve	(98,845)	(98,845)	(49,844)
Non-Operating Surplus (Deficit)	0	0	0
Ending Balance, June 30	\$486,083	\$2,728,210	\$1,263,646

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OPERATIONS

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WASTEWATER ENTERPRISE— OPERATIONS

The City of San Bruno Wastewater Division is committed to serving the community by providing rapid, professional, and cost-effective maintenance of the wastewater collection system striving to meet all EPA & State of California mandated requirements.

PROGRAMS

The Wastewater Division of the Public Services Department is responsible for the wastewater collection system throughout the City including all sewer mains, manholes, the right-of-way portion of house laterals, seven lift stations and two San Mateo County Flood Control District pump stations. In addition, the Division and its employees are directly responsible for adhering to all wastewater discharge requirements, recently revised by the U.S. Environmental Protection Agency and the State Water Resources Control Board.

Wastewater treatment is handled under a Joint Powers Agreement with the City of South San Francisco (SSF). Approximately 3.4 million gallons of effluent per day are pumped from San Bruno through the Shaw Road Pump Station and treated at the jointly owned SSF-SB Water Quality Control Facility. The treatment facility, located on Belle Air Road just north of the San Francisco International Airport in the City of South San Francisco, is operated and maintained by the City of South San Francisco, which also administers the State-mandated Water Quality Control and Industrial Waste Discharge Program. Treated wastewater is discharged 2 miles out into San Francisco Bay via a joint outfall pipeline shared by the cities of San Bruno, South San Francisco, Millbrae, Burlingame, Colma and the San Francisco Airport. The primary program services include:

BEST PRACTICES TO OPTIMIZE SERVICE

Implement non-emergency rehabilitation and replacement of sanitary sewer system components including manholes and main replacement or rehabilitation. Best practices include a computerized work order system, data display of remote sanitary sewer pumping stations, GIS mapping, closed circuit televising of the collections system, safety training such as confined space entry, and other best practices as determined by Federal and State regulations.

REGULATORY COMPLIANCE AND RESPONSE TO URGENT COMMUNITY NEEDS

Provide around-the-clock customer service response to respond to emergency calls related to sewer main and lateral sewer blockages and overflows. Other related service call tasks include root related issues and backflows into private property.

MINIMUM SERVICES FOR BASIC FUNCTIONALITY AND REGULATORY COMPLIANCE

Provide preventative maintenance on sewer pipe mains, laterals and pump stations. Activities include main line flushing, video inspection, manhole cleaning, pump maintenance, and mechanical rodding. Complete scheduled and emergency repairs of sewer mains, service laterals, and manholes. Pipe repair tasks include, pipe failures, structural decomposition, offsets, root intrusion, cracks and pipe sagging. Manhole repairs include rim and lid replacement, minor cone failure, and basin failure. Conduct field investigations that are used to target needed Capital Improvement Projects.

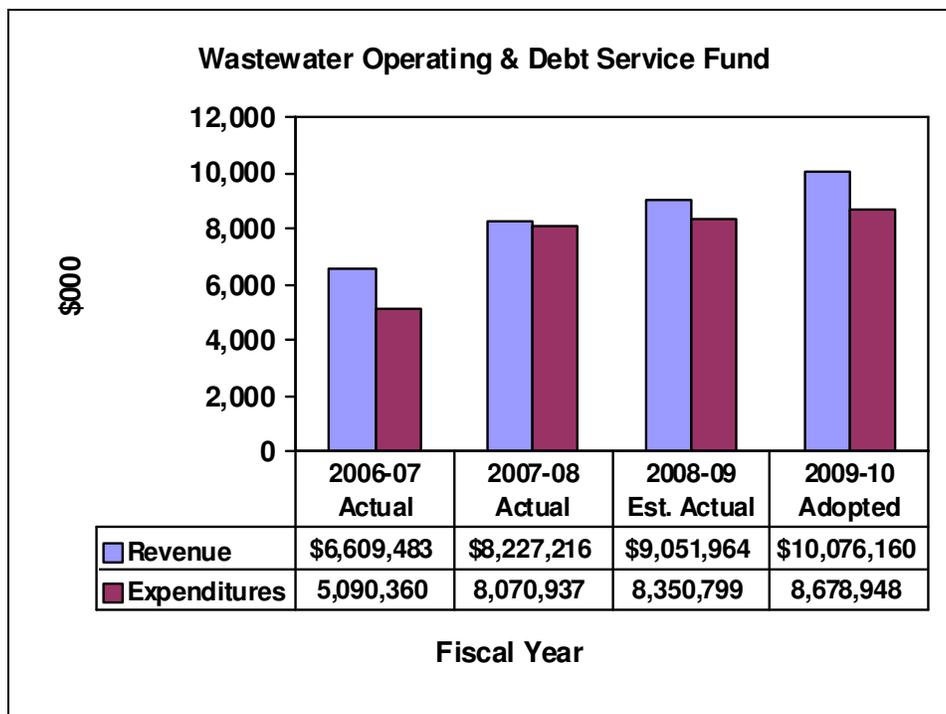
PRIORITY FOCUS

The Wastewater Division places an emphasis on customer service through timely and regular maintenance of the sewer collection system and utilization of preventative maintenance practices. The Division makes regular use of high-pressure hydraulic cleaning methods such as the Vactor and jetter trucks. The Vactor truck removes debris and grease from sewer mains and pump station wet wells. The jetter truck handles all emergency sewer calls (mains and laterals) and is used five days per week in preventative maintenance of known trouble locations that require weekly preventative maintenance (55 sewer main locations). The Division also is obligated to perform administrative and operational functions to stay compliant with all Federal and State regulations such as the prompt and accurate reporting of any sanitary sewer overflows as well as other mandated annual reports.

The Wastewater Division is faced with new challenges and oversight from regulatory bodies including the Environmental Protection Agency and the State Water Resources Control Board through obligations prescribed in the Statewide Waste Discharge Requirements and the Sewer System Management Plan. The main purpose of these mandates is the reduction of sanitary sewer overflows. The City is proceeding with on-going preventative maintenance and new approaches in reducing these overflows including enhanced maintenance of the sewer lines, closed circuit televising of one fifth of the City’s sewer lines per year, and smoke testing of certain areas that have experienced high inflow from rain.

PROGRAM RESOURCES

Delivery of the Division’s core services during fiscal year 2009-10 will require an expenditure budget of \$6,809,816 and personnel resources of 14.55 full time employees.



REVENUES

The Wastewater Division is funded entirely by Wastewater Enterprise Fund revenue derived from the utility rates charged to residents and businesses based on their service charges and winter water consumption. These rates were revised effective July 1, 2009 to reflect the increased cost of providing wastewater treatment and replacement of the system’s aging infrastructure. In addition, adequate revenue must be maintained in order to cover bond covenants and conditions.

Revenues	2006-07 Actual	2007-08 Actual	2008-09 Est. Actual	2009-10 Adopted
Wastewater Operations	\$6,258,194	\$8,077,216	\$8,841,964	\$9,726,160
Capacity Charges	153,024	0	210,000	200,000
Interest & Investment Earnings	198,265	150,000	0	150,000
Total Revenues	\$6,609,483	\$8,227,216	\$9,051,964	\$10,076,160

EXPENDITURES

As with prior years, the Department’s expenditure appropriation is split approximately 22% for personnel costs and 78% for operations and professional services. Just over half of the expenditure under this budget is allocated to cover the cost of San Bruno’s share of operating and maintaining the SSF-SB Water Quality Control Facility. Other non-personnel expenditures under this budget are paid primarily to cover the cost of supplies and materials necessary to maintain and repair the wastewater collection system.

Expenditures	2006-07 Actual	2007-08 Actual	2008-09 Est. Actual	2009-10 Adopted
Operations	\$3,993,277	\$7,253,722	\$6,414,350	\$6,809,816
Debt Service	1,097,083	817,216	1,936,449	1,869,132
Total Expenditures	\$5,090,360	\$8,070,938	\$8,350,799	\$8,678,948

PERSONNEL
Personnel Summary

Public Services Department	General Fund		Water		Storm water	Waste water	Internal Service	Special Revenue	Total
	Admin & Eng.	Streets	Supply	Distrib.	Operations	Operations	Central Garage	Solid Waste	
Public Services Director	0.15	0.05	0.20	0.15	0.05	0.35	0.05	0.00	1.00
Deputy Dir. Engineering	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
Deputy Dir. Utilities	0.00	0.20	0.15	0.20	0.05	0.35	0.05	0.00	1.00
Maintenance Services Mgr	0.00	0.50	0.30	0.70	0.50	1.00	1.00	0.00	4.00
Principal Civil Engineer	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
Associate Civil Engineer	2.00	0.00	0.50	0.00	0.00	0.50	0.00	0.00	3.00
Water System & Conserv. Mgr	0.00	0.00	0.50	0.50	0.00	0.00	0.00	0.00	1.00
Water Quality Tech	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00
Management Analyst I/II	0.45	0.00	0.50	0.25	0.00	0.25	0.25	0.30	2.00
Engineering Tech	1.00	0.00	0.00	0.50	0.00	0.50	0.00	0.00	2.00
Pump Mechanic I/II	0.00	0.00	0.25	0.75	0.00	2.00	0.00	0.00	3.00
Lead Maintenance Worker	0.00	0.50	1.00	1.00	0.50	1.00	0.00	0.00	4.00
Maintenance Worker I/II	0.00	3.50	1.20	6.80	1.90	8.00	0.60	0.00	22.00
Mechanic I/II	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00
Executive Assistants	1.15	0.05	0.20	0.15	0.05	0.35	0.00	0.05	2.00
Secretary	0.00	0.25	0.25	0.25	0.00	0.25	0.00	0.00	1.00
Total	6.75	5.05	5.05	12.25	3.05	14.55	3.95	0.35	51.00

2008-09 ACCOMPLISHMENTS

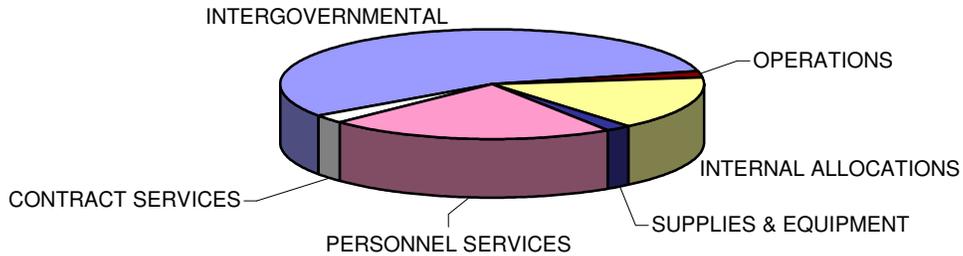
- ✓ Completed installation of Computerized Maintenance Management System within City database and workstations.
- ✓ Completed installation of sewer system (GIS) Geographical Index System mapping into the Computerized Maintenance Management System for asset reference.
- ✓ Successfully abandoned Crystal Springs Pump Station, and completed rehabilitation of the Phase III of the Rollingwood Sewer Relief Project, rehabilitating and replacing sewer mains on Susan Drive, Rollingwood Drive and Sneath Lane.
- ✓ Completed plans and specification of the Supervisory Control and Data Acquisition (SCADA) system
- ✓ Acquired and deployed the Emergency Bypass Pumping System.
- ✓ Implemented the City's (FOG) Fats, Oils, and Grease Program. Initiated inspections of commercial establishments through the South San Francisco/San Bruno Treatment Plant.
- ✓ Completed smoke testing for Inflow and Infiltration in the Pacific Heights neighborhood.

2009-10 GOALS & OBJECTIVES

- ❑ Enhance proactive preventative maintenance to include more responsive hydraulic jetting and other means to clean and clear lines; perform inspections and needed pipe and manhole upgrades and repairs; and continue closed circuit televising of the sanitary sewer system.
- ❑ Actively engage the Computerized Maintenance Management System on a daily basis.
- ❑ Complete construction of the Supervisory and Data Acquisition System to enable computer display and control over the six-wastewater pumping stations.
- ❑ Purchase of a Hydraulic and Vacuum Combination Truck that will be utilized in enhanced preventative maintenance, video inspection, SSO emergency response, excavation repair, and serve as a back up when other sanitary sewer maintenance machinery is down.

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Wastewater Enterprise - Operations 2009-10 Adopted Budget



	2009-10 ADOPTED	PERCENT OF TOTAL
PERSONNEL SERVICES	\$1,502,944	22%
SUPPLIES & EQUIPMENT	126,458	2%
CONTRACT SERVICES	177,000	3%
OPERATIONS	128,094	2%
INTERGOVERNMENTAL	3,793,290	56%
INTERNAL ALLOCATIONS	1,082,030	16%
GRAND TOTAL	\$6,809,816	100%

PERSONNEL SERVICES	ADOPTED BUDGET	DESCRIPTION
5101 REGULAR SALARIES	\$1,009,044	Base salary and incentives for all department personnel, working a minimum of 80 hours per pay period. Subject to benefits per applicable MOUs.
5105 OVERTIME	143,000	Overtime pay in accordance with the applicable MOU. Overtime pay is only subject to Medicare and FICA employer contributions, when applicable, not City cost of CalPERS retirement.
5200 EMPLOYEE BENEFITS	350,900	City's cost of CalPERS pension, Medicare, FICA where applicable, deferred compensation match, health & welfare insurance, life insurance, long-term disability insurance, management leave buyout, pay in-lieu of holidays.
SUBTOTAL FOR PERSONNEL SERVICES	\$1,502,944	

SUPPLIES & EQUIPMENT		ADOPTED BUDGET	DESCRIPTION
6001	OFFICE SUPPLIES	\$2,000	Office supplies for Wastewater Division.
6101	GAS & OIL	15,458	Fuel and oil for vehicles assigned to Wastewater Division.
6102	OPERATING SUPPLIES	30,000	Safety supplies, (\$4,000); Uniforms, (\$9,000); Field tools, (\$17,000).
6201	BUILDING AND GROUND SUPPLIES	16,500	Maintenance supplies, (\$8,250); Replacement supplies, (\$8,250).
6202	STREET REPAIRS AND SUPPLIES	25,000	Materials for replacement and repair of manholes, (\$10,000); Debris removal and backfill material for sewer repairs, (\$15,000).
6204	OFFICE EQUIPMENT	3,500	Office equipment and furniture, including replacement of worn office carpet and a computer for Field Supervisor to run SCADA software.
6650	TOOLS & EQUIPMENT	34,000	Replacement impellers for Crestwood Pump Station, (\$7,000); Portable emergency light tower for use during repair of sewer system overflows occurring at night, (\$9,000); Four new Toughbook laptops for field utilization of CMMS and SCADA, (\$18,000).
SUBTOTAL FOR SUPPLIES & EQUIPMENT		\$126,458	

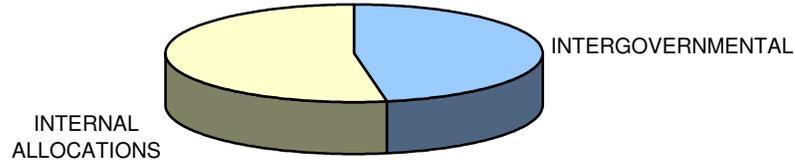
CONTRACT SERVICES		ADOPTED BUDGET	DESCRIPTION
6401	PROFESSIONAL SERVICES	\$44,000	Assembly and evaluation of data received from video inspection of mains and laterals, and associated software licensing fees, (\$18,000); State mandated BMP sewer overflow and testing, and SSMP contract/consultation services, (\$12,000); Measurement of sewage flow to treatment plant, (\$14,000).
6411	CONTRACTUAL SERVICES	105,000	Contract repair of sewer mains, manholes, lateral, pumps, electrical components/trouble shooting and other necessary services that the City is unable to provide.
6419	OTHER SERVICES	28,000	On Call phone service, (\$3,500); Main root treatment, (\$16,000); Uniform cleaning/replacement, (\$4,500); Sample testing, (\$2,000); Miscellaneous services, (\$2,000).
SUBTOTAL FOR CONTRACT SERVICES		\$177,000	

OPERATIONS	ADOPTED BUDGET	DESCRIPTION
6112 POSTAGE	\$650	Allocation of postage required by department operations for outside correspondence including regular, certified, return receipt, and express/overnight mail, (\$150); GIS /CMMS map sending, (\$500).
6405 STAFF TRAINING	9,500	Traffic control class, (\$1,000); Confined space class, (\$2,000); California Water Environment Association (CWEA) conference and training, (\$3,000); Bay Area Clean Water Agency (BACWA) training, (\$1,000); Water Environment Federation (WEF) training, (\$1,000); American Management Association (AMA) and Management training, (\$1,500).
6406 PROFESSIONAL DEVELOPMENT	1,500	Professional development in accordance with MOU.
6450 COMMUNICATIONS	6,600	Internal allocation of a shared fax line, office telephone charges and 12 mobile phones, pagers and radios.
6531 UTILITIES	30,000	Utilities for all pump stations and portion of the Corporation Yard.
6601 RENTAL & LEASES	71,244	Small truck rental, (\$1,000); Equipment rental for excavations, (\$5,000); Emergency generator rental, (\$5,000); Lease of City-owned property, (\$60,244).
6701 DUES & MEMBERSHIPS	4,100	Maintenance Superintendent Association (MSA) dues, (\$200); California Water Environment Association (CWEA) dues, (\$1,000); Bay Area Clean Water Agency (BACWA) dues, (\$1,500); General Waste Discharge Requirement registration, (\$1,200); Water Environment Federation (WEF) dues, (\$100); American Public Works Association (APWA), (\$100).
6702 PUBLICATIONS & SUBSCRIPTIONS	1,000	Training books and publications used by staff to prepare for certifications.
6704 MEETINGS/ CONFERENCES	3,500	Bay Area Clean Water Agency (BACWA), (\$250); American Public Works Association (APWA), (\$3,000); Maintenance Superintendents Association (MSA), (\$250).
SUBTOTAL FOR OPERATIONS	\$128,094	

INTERGOVERNMENTAL		ADOPTED BUDGET	DESCRIPTION
7062	WASTE TREATMENT- SSF	\$3,791,777	Operation and maintenance costs or treatment of San Bruno's wastewater at the jointly owned South San Francisco/San Bruno Water Quality Control Plant.
7069	INTERGOVERNMENTAL - OTHER	1,513	Fees to the County of San Mateo and the California State Water Resources Control Board.
SUBTOTAL FOR INTERGOVERNMENTAL		\$3,793,290	

INTERNAL ALLOCATIONS		ADOPTED BUDGET	DESCRIPTION
7901	OTHER INTERNAL SERVICE ALLOC.	\$267,064	Self-Insurance Allocation, (\$185,674); Building Facilities Allocation, (\$11,262); Technology Allocation, (\$16,029); Central Garage Allocation, (\$54,098).
7902	GENERAL ADMIN. ALLOC.	763,892	Public Works Administration Allocation, (\$233,211); General Admin Allocation, (\$278,515); Revenue Services Allocation, (\$252,166).
9079	TRANSFER TO EQPT. RESERVES	49,844	Allocation of reserve funding to provide for replacement of capital assets at the end of their useful lives.
9096	ENERGY DEBT ALLOC.	1,230	Allocation of lease-purchase debt service for improved energy efficiency at City buildings and facilities.
SUBTOTAL FOR INTERNAL ALLOCATIONS		\$1,082,030	
GRAND TOTAL		\$6,809,816	

**Wastewater Enterprise -
Debt Service
2009-10 Adopted Budget**



	2009-10 ADOPTED	PERCENT OF TOTAL
INTERGOVERNMENTAL	\$883,228	47%
INTERNAL ALLOCATIONS	985,904	53%
GRAND TOTAL	\$1,869,132	100%

INTERGOVERNMENTAL	ADOPTED BUDGET	DESCRIPTION
7069 INTERGOVERNMENTAL - OTHER	\$883,228	Payments to City of South San Francisco for joint debt on treatment plant: South San Francisco loan #1 (\$170,339); South San Francisco loan #2 (\$411,584); South San Francisco loan #3 (\$301,305).
SUBTOTAL FOR INTERGOVERNMENTAL	\$883,228	

INTERNAL ALLOCATIONS	ADOPTED BUDGET	DESCRIPTION
9001 PRINCIPAL	\$210,000	COP debt service principal.
9002 INTEREST	775,904	COP and South San Francisco debt service interest.
SUBTOTAL FOR INTERNAL ALLOCATIONS	\$985,904	
GRAND TOTAL	\$1,869,132	

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CAPITAL PROJECTS
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2009-14 WASTEWATER CAPITAL IMPROVEMENT PROGRAM

The Wastewater Enterprise Fund provides for the maintenance and implementation of capital improvements related to the wastewater collection system throughout the City, including all sewer mains, manholes, lower laterals, and seven lift stations. The Wastewater Fund Capital Improvement Program is designed to protect, preserve, and enhance the wastewater infrastructure facilities. The goal is to improve and/or replace existing facilities in an effort to extend the useful life of these valuable public assets.

NEW PROJECTS

- Crestwood Sewer Pump Station Improvements
- Dry Weather Flow Monitor at 7th Avenue
- Pump Station Replacement Project
- Renewable Energy Study for Utility Facilities
- Video Inspection Truck Equipment Purchase

PROJECTS IN THE 2009-14 WORK PLAN

- Backhoe Equipment Purchase
- Belle Air District Sewer Main Easements
- Crystal Springs Pump Station Abandonment
- Kains to Angus Sewer Bypass
- Mastick Avenue Wastewater Main Replacement Project
- Neighborhood Sewer Pump Station Security and Context Sensitive Improvements
- Olympic Pump Station Rehab and Force Main
- Rollingwood Relief Sewer
- Sanitary Sewer Condition Assessment Project
- SCADA for Wastewater Facilities
- Trenton Drive Wastewater Main Replacement Project
- Vactor Equipment Purchase
- Wastewater Pipeline Repair Program
- Wastewater System Master Plan Update

PROJECTS REMOVED FROM BUDGET

- Emergency Sewer Line Bypass System (completed)
- Five-Yard Dump Truck Equipment (deleted)
- Sewer Pump Environmental and Safety Modifications (deleted)
- Spyglass Sewer Pump Station Emergency Generator Replacement (deleted)

**WASTEWATER CAPITAL 2009-14 WORK PROGRAM
FUNDING SUMMARY**

Project	Total Project Cost	Prior Years Funding	2009-10	2010-11	2011-12	2012-13	2013-14	Unidentified Funding Year
Wastewater Capital								
Backhoe Equipment Purchase	100,000	0	0	100,000	0	0	0	0
Belle Air District Sewer Main Easements	50,000	50,000	0	0	0	0	0	0
Crestwood Sewer Pump Station Improvements	50,000	0	50,000	0	0	0	0	0
Crystal Springs Pump Station Abandonment	507,790	507,790	0	0	0	0	0	0
Dry Weather Flow Monitor at 7th Avenue	100,000	0	0	100,000	0	0	0	0
Kains to Angus Sewer Bypass	1,225,000	0	0	612,500	612,500	0	0	0
Mastick Avenue Wastewater Main Replacement Project	996,250	636,250	360,000	0	0	0	0	0
Neighborhood Sewer Pump Station Security and Context Sensitive Improvements	85,000	0	0	0	42,500	42,500	0	0
Olympic Pump Station Rehab and Force Main	2,147,000	312,000	379,310	0	0	0	0	1,455,690
Pump Station Replacement Project	2,900,000	0	0	0	970,000	970,000	960,000	0
Renewable Energy Study for Utility Facilities	40,000	0	0	40,000	0	0	0	0
Rollingwood Relief Sewer	5,220,078	5,220,078	0	0	0	0	0	0
Sanitary Sewer Condition Assessment Project	1,102,350	345,000	200,000	278,675	278,675	0	0	0
SCADA for Wastewater Facilities	399,000	254,792	144,208	0	0	0	0	0
Trenton Drive Wastewater Main Replacement Project	1,315,000	0	115,000	1,200,000	0	0	0	0
Vactor Equipment Purchase	325,000	0	0	325,000	0	0	0	0
Video Inspection Truck Equipment Purchase	190,000	0	0	190,000	0	0	0	0
Wastewater Pipeline Repair Program	4,329,503	232,626	0	0	0	0	0	4,096,877
Wastewater System Master Plan Update	156,000	156,000	0	0	0	0	0	0
Total	\$21,237,971	\$7,714,536	\$1,248,518	\$2,846,175	\$1,903,675	\$1,012,500	\$960,000	\$5,552,567

BACKHOE EQUIPMENT PURCHASE

PROJECT DESCRIPTION: The Streets, Storm, and Wastewater Divisions share 1 backhoe to complete all tasks related to excavation, plate lifting, material lifting, and asphalt repair. The Divisions must wait to do jobs on the availability of a backhoe or request use of the Water Division backhoe if available. Moreover; the use of the “Asphalt Zipper” has further increased the need for another backhoe.

Given the variety of demand for this important piece of equipment, the acquisition of a backhoe for the primary use of the Wastewater Division will allow for more preventative maintenance tasks that require serious excavation and lifting, as well as the capability to quickly respond to sewer system overflows before sewage reaches the storm drain system.

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: Deputy Director of Public Services

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Increases the Division’s capability to conduct preventative maintenance and to respond to emergency sewer system overflows as mandated by the requirements imposed by the State of California.

LIFE EXPECTANCY: 10 years

PROJECTED PROJECT START DATE: 2010

PROJECTED PROJECT COMPLETION DATE: 2011

PROJECT-RELATED APPROPRIATIONS:

Funding Source	Total Project Cost	2010-11 Request
Wastewater Capital	100,000	100,000
Total	\$100,000	\$100,000

ONGOING FINANCIAL IMPACT: Replacement will be scheduled into the Equipment Reserve Fund.

BELLE AIR DISTRICT SEWER MAIN EASEMENTS

PROJECT DESCRIPTION: The Belle Air Phase II Sewer Main Improvement Project completed in 2003 connected the downstream end of the Lomita Outfall project to the Angus Connector Sewer project, thereby giving the City the ability to eliminate the existing sewer main located south of the Belle Air School in environmentally-sensitive wetlands. A final work effort of securing easements with the San Francisco International Airport (SFIA) and the Peninsula Corridor Joint Powers Board (PCJPB) is necessary to complete the project.

Access to certain locations related to City utility systems and other facilities requires that the abandoned easements be replaced with new ones in SFIA and PCJPB property on the extension of First Avenue near Belle Air School.

PROJECT NUMBER: 84322

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: This project guarantees access to certain City utility and other facilities.

LIFE EXPECTANCY: 50 years.

2008-09 STATUS: Due to the necessary involvement of the San Francisco International Airport regarding easements, this project has been on hold pending the completion of similar issues for Lions Field that will serve as a template for this project.

2009-10 WORK PLAN: Complete the securing of easements and abandon the pipeline within the wetlands area by removing or filling the existing unused pipe.

PROJECTED COMPLETION DATE: June 2010.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Future Years	Total Appropriations
Wastewater Capital	50,000	50,000	0	0	50,000
Total	\$50,000	\$50,000	\$0	\$0	\$50,000

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Future Years	Total Expenditures
0610: Design	3,050	0	5,000	0	8,050
0620: Construction	0	0	41,950	0	41,950
Total	\$3,050	\$0	\$46,950	\$0	\$50,000

ONGOING FINANCIAL IMPACT: This project may require the payment of an ongoing annual license fee as part of securing the easements. This is estimated in the \$1,000 to \$5,000 price range.

CRESTWOOD SEWER PUMP STATION IMPROVEMENTS

PROJECT DESCRIPTION: The Crestwood sewer lift station is a vital component of the sewer collection system, pumping a high volume of sewage from the Oakmont, Fleetwood and Rollingwood neighborhoods. Over the years, staff has periodically removed undergarments and rags associated with a number of nearby elderly care facilities. These garments and rags clog the pumps and must be quickly removed to prevent a sewer backup. Historically, this type of problem occurred only several times a year; now it occurs twice a week, apparently from an increase in the use of these type of materials used by elderly care faculties.

In many agencies, lift stations and treatment plants have utilized grinder machinery to grind up or destroy problematic materials that do not decompose within the collection system. Staff suggests that similar machinery or a grinder be installed at the Crestwood lift station in an attempt to keep the sewage pumps from clogging. This would then reduce maintenance time and the possibility of station failure.

PROJECT NUMBER: 85703

PROJECT MANAGER: Deputy Public Services Director

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Compliance with the State Wastewater Discharge Requirements and the State Sanitary Sewer Master Plan requires agencies to identify problems or deficiencies within their systems, and plan or take action to fix those problems to ensure proper system functionality. The installation of grinder machinery at the Crestwood sewer lift station would be consistent with these goals.

LIFE EXPECTANCY: 50 years.

2008-09 STATUS: No work.

2009-109 WORK PLAN: Create a list of specifications to be used for bidding, award a purchase contract and install the equipment.

PROJECTED COMPLETION DATE: April 2010

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Future Years	Total Appropriations
Wastewater Capital	0	0	50,000	0	50,000
Total	\$0	\$0	\$50,000	\$0	\$50,000

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Future Years	Total Expenditures
0620: Construction	0	0	50,000	0	50,000
Total	\$0	\$0	\$50,000	\$0	\$50,000

ONGOING FINANCIAL IMPACT: Estimated labor costs to clear blockages amount to \$30,000 per year. Once the machinery is installed staff can be redeployed to other maintenance tasks this machinery, then, has a buyback period of approximately 1.5 years.

CRYSTAL SPRINGS PUMP STATION ABANDONMENT

PROJECT DESCRIPTION: Prior to the completion of this project, the Crystal Springs Pump Station was nearing the end of its useful life. To rehabilitate this pump station would have cost over \$1,000,000. As an alternative, staff investigated the possibility of eliminating the pump station by constructing an approximately 1,100-foot sewer main along Crystal Springs Road that would allow wastewater at the pump station to flow by gravity into the City’s existing collection system near the Senior Center. Now complete, this project provides a more reliable means of conveying sewage as the pump station currently has a single outlet pipe which drains under I-280.

PROJECT NUMBER: 84309

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: This project provides a cost effective alternative to rebuilding a pump station in need of rehabilitation.

LIFE EXPECTANCY: 50 years.

2008-09 STATUS: Completed design and construction of gravity pipe and demolition of existing pump station.

2009-10 WORK PLAN: Complete final project closeout.

PROJECTED COMPLETION DATE: Summer 2009.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Future Years	Total Appropriations
Wastewater Capital	507,790	112,148	0	0	507,790
Total	\$507,790	\$112,148	\$0	\$0	\$507,790

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Future Years	Total Expenditures
0600: Pre-Design	25,705	1,215	0	0	26,920
0610: Design	0	54,872	0	0	54,872
0620: Construction	0	313,850	112,148	0	425,998
Total	\$25,705	\$369,937	\$112,148	\$0	\$507,790

ONGOING FINANCIAL IMPACT: Minimal, other than routine maintenance.

DRY WEATHER FLOW MONITOR AT 7TH AVENUE

PROJECT DESCRIPTION: This project will install a new low flow line, diversion box, valves and associated equipment in order to accurately measure the amount of sewage flow traveling along the 7th Avenue sewer main to the San Bruno/South San Francisco Treatment Plant. At the location of the current flow meter, the amount of sediment that has built up in this sewage transmission line makes it difficult to accurately track the amount of sewage flow from San Bruno to the treatment plant.

Efforts are currently underway to determine if there is a better location to place a flow meter. Should staff find such a location, the costs for either leasing or installing the appropriate equipment will be paid out of the operating budget. However, should these efforts fail, staff will recommend that this project be brought forward to make the more significant capital investment described above.

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: San Bruno's share of the sewage treatment plant operating costs is based on a flow measurement made a number of years ago. It may be financially advantageous to the City if measurement of the flow revealed a reduction from that historical value. Moreover, accurate flow measurement is a sewage industry best management practice that will help the City more effectively manage the wastewater collection system.

LIFE EXPECTANCY: 50 years.

PROJECTED PROJECT START DATE: 2010 if needed

PROJECTED PROJECT COMPLETION DATE: 2011

PROJECT-RELATED APPROPRIATIONS:

Funding Source	Total Project Cost	2010-11 Request
Wastewater Capital	100,000	100,000
Total	\$100,000	\$100,000

ONGOING FINANCIAL IMPACT: Minimal.

KAINS TO ANGUS SEWER BYPASS

PROJECT DESCRIPTION: This project represents the last necessary portion of the Lower City Sewer Interceptor improvements. It will construct approximately 1,000 feet of 21-inch sewer main between the intersection of Kains Avenue at San Mateo Avenue and the intersection of Angus Avenue at First Avenue. Completion of this project will require coordination with the Caltrain sponsored Grade Separation Project, due to potential geometric conflict between the existing sewer line and the future Caltrain Grade Separation Project.

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: This project would provide more reliable sewer service and lessening the risk of sanitary sewer overflows.

LIFE EXPECTANCY: 50 years

PROJECTED PROJECT START DATE: 2010

PROJECTED PROJECT COMPLETION DATE: 2012

PROJECT-RELATED APPROPRIATIONS:

Funding Source	Total Project Cost	2010-11 Request	2011-12 Request
Wastewater Capital	1,225,000	612,500	612,500
Total	\$1,225,000	\$612,500	\$612,500

ONGOING FINANCIAL IMPACT: Minimal, other than routine maintenance.

MASTICK AVENUE WASTEWATER MAIN REPLACEMENT PROJECT

PROJECT DESCRIPTION: Originally developed under the Wastewater Pipeline Repair Program, this project—in combination with the Mastick Avenue *Water* Main Replacement Project—will upgrade and replace the existing water and wastewater mains beneath Mastick Ave. from San Felipe Ave. to Artichoke Joe’s.

PROJECT NUMBER: 85701

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Sanitary sewer overflows are serious health threats that can also cause property damage and subject the City to fines by the Regional Water Quality Control Board (CRWQCB). Repairing damaged pipelines will help to reduce sanitary sewer overflows, thereby reducing the potential for liability to the City. Additionally, correcting problem areas will reduce the cost associated with performing stopgap maintenance efforts.

LIFE EXPECTANCY: 50 years

2008-09 STATUS: Completed project design. When first developed, staff estimated a preliminary total project cost of approximately \$600,000. However, the design effort revealed that the complexity of construction activities pushes that total project cost to nearly \$1 million. The construction complexity involves the age of the site, the varying existing pipe sizes, gradients and other unique site conditions—including the potential need to repave Mastick Avenue.

2009-10 WORK PLAN: Prepare a bid package, award construction contract, and complete construction.

PROJECTED COMPLETION DATE: November 2009.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES: Funding transferred to this project from the prior appropriations to the Wastewater Pipeline Repair Program.

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Future Years	Total Appropriations
Wastewater Capital	636,250	559,269	360,000	0	996,250
Total	\$636,250	\$559,269	\$360,000	\$0	\$996,250

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Future Years	Total Expenditures
0610: Design	0	76,981	0	0	76,981
0620: Construction	0	0	919,269	0	919,269
Total	\$0	\$76,981	\$919,269	\$0	\$996,250

ONGOING FINANCIAL IMPACT: Reduction of the amount of overtime needed for emergency repairs of main breaks in this area.

NEIGHBORHOOD SEWER PUMP STATION SECURITY AND CONTEXT SENSITIVE IMPROVEMENTS

PROJECT DESCRIPTION: This project will provide exterior improvements to various sewer pump stations located in neighborhoods throughout the City with the objective of making the buildings and other facilities more secure, providing a more aesthetic appearance, and utilizing materials that will require less maintenance.

There are currently six (6) sewer pump stations in need of upgrading. The anticipated project will include an initial needs assessment for all pump stations that will be used to estimate the cost and develop criteria for prioritizing improvement recommendations. Work will then be completed in phases as funding allows.

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: Deputy Director of Public Services

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: This project is intended to enhance the appearance and image of City facilities. The project also enhances customer service by increasing reliability through security improvements.

LIFE EXPECTANCY: 20+ years.

PROJECTED START DATE: 2011

PROJECTED COMPLETION DATE: 2013

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Total Project Cost	2011-12 Request	2012-13 Request
Wastewater Capital	85,000	42,500	42,500
Total	\$85,000	\$42,500	\$42,500

ONGOING FINANCIAL IMPACT: Minimal, other than routine maintenance. Damage and consequent costs of repair may be avoided because of better physical security of pumps.

OLYMPIC PUMP STATION REHAB AND FORCE MAIN

PROJECT DESCRIPTION: This project will rehabilitate the Olympic Pump Station located off Olympic Court at the north boundary of the City. It will also replace the force main running from the pump station, down Oakmont Drive to a manhole at Oakmont and Evergreen Drive. These facilities have been identified as being old and under needed capacity. This has resulted in the existing pumps and motors running for extended periods, adding to wear and tear. The reliability of this equipment is in sufficient doubt that this pump station is under daily scrutiny by maintenance staff, and has been rebuilt several times. In addition, the project will alleviate current problems with emergency operations capability in the event of a power loss.

As an alternative, the City will investigate the possibility of abandoning the pump station entirely and installing a gravity sewer, tying into the Westborough District. This would reduce both the cost of the project and future operating expenses.

PROJECT NUMBER: 84336

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Breakdown of this equipment or loss of power will result in possible discharges of raw sewage into street drains and other properties. This would adversely affect both the reliability of customer service and the appearance of the City. This could also result in regulatory actions including fines.

LIFE EXPECTANCY: 50 years.

2008-09 STATUS: Initiated discussion with Westborough District to abandon the pump station.

2009-10 WORK PLAN: Complete determination as to whether the pump station can be abandoned. Assuming that abandonment is a viable option, design and construct the project. If abandonment is not a viable option, staff will return to Council with a report and recommendation as to how to proceed with rehabilitation.

PROJECTED COMPLETION DATE: June 2010 if abandonment is feasible. Summer of 2011 if a complete rehabilitation is needed.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	2010-11 Request*	Total Appropriations
Wastewater Capital	312,000	301,690	379,310	1,455,690	2,147,000
Total	\$312,000	\$301,690	\$379,310	\$1,455,690	\$2,147,000

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	2010-11 Proposed*	Total Expenditures
0610: Design	0	10,310	11,000	150,000	171,310
0620: Construction	0	0	670,000	1,305,690	1,975,690
Total	\$0	\$10,310	\$681,000	\$1,455,690	\$2,147,000

*Not needed if abandonment option is feasible.

ONGOING FINANCIAL IMPACT: Minimal, other than routine maintenance. Reduces maintenance costs, and reduces potential for system interruptions that will require emergency measures, revenue reduction, and restitution of damages to customers.

PUMP STATION REPLACEMENT PROJECT

PROJECT DESCRIPTION: The City operates six sanitary sewer pump (lift) stations to move wastewater from homes and businesses toward the wastewater treatment plant in South San Francisco. As these stations approach the end of their useful life, staff performs an evaluation to determine the extent of rehabilitation needed or if they can be abandoned and replaced with a simple gravity pipe. Indeed, the City recently abandoned Crystal Springs Pump Station and is evaluating the possibility of abandoning the Olympic Pump Station. In the coming years, additional pump stations will need replacement/rehabilitation including:

- Spyglass Pump Station
- Lomita Pump Station
- Crestmoor Pump Station

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: The project will ensure continued reliability of the pump stations and the City's wastewater collection system.

LIFE EXPECTANCY: 40 years

PROJECTED PROJECT START DATE: 2011

PROJECTED PROJECT COMPLETION DATE: 2014

PROJECT-RELATED APPROPRIATIONS:

Funding Source	Total Project Cost	2011-12 Request	2012-13 Request	2013-14 Request
Wastewater Capital	2,900,000	970,000	970,000	960,000
Total	\$2,900,000	\$970,000	\$970,000	\$960,000

ONGOING FINANCIAL IMPACT: Replacing the deteriorating stations will reduce maintenance burden.

RENEWABLE ENERGY STUDY FOR UTILITY FACILITIES

PROJECT DESCRIPTION: The City operates numerous facilities including sewer lift pump stations, water pump station and water well that consume significant amounts of electricity. All electricity consumed comes from the PG&E power grid. While energy from PG&E is a cleaner form of electricity than most other states due to California's low use of electricity derived from coal, much of that energy is still derived from nonrenewable sources. This project will evaluate the City's water and wastewater facilities to determine if there are opportunities to utilize renewable energy in the form of solar or wind generated power. The findings from the study will be incorporated into any pump station or well rehabilitation project where such renewable energy improvements are possible.

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: City Engineer/Deputy Director of Public Services

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Supplementing power consumption with renewable energy will reduce the City's carbon footprint and indirectly decrease air pollution.

LIFE EXPECTANCY: 10 years.

PROJECTED PROJECT START DATE: 2010

PROJECTED PROJECT COMPLETION DATE: 2011

PROJECT-RELATED APPROPRIATIONS:

Funding Source	Total Project Cost	2010-11 Request
Water Capital	20,000	20,000
Wastewater Capital	20,000	20,000
Total	\$40,000	\$40,000

ONGOING FINANCIAL IMPACT: The use of renewable energy will decrease the amount of expenditures needed for electricity costs. This will likely make a significant impact in the future as energy costs are predicted to continue their rise.

ROLLINGWOOD RELIEF SEWER

PROJECT DESCRIPTION: This project addresses sewer capacity and rehabilitation issues that were identified in the “upper” and western portions of the City. This is in response to a Cease and Desist Order (#97-104, August 1997) issued by the Regional Water Quality Control Board to eliminate sanitary sewer overflows by November 2007. Funding for this project was secured by a Certificate of Participation (COP) issued in June 2002 in response to the Cease and Desist Order to fund \$9.8 million in various sewer capacity improvement projects. The project was constructed in three phases and is now substantially complete.

Phase I included Installation of new 18-inch diameter relief sewer at Fleetwood Drive and Catalpa Drive, new 10-inch diameter diversion sewer at Sneath Lane, and new 8-inch diameter diversion sewer at Amador Avenue. Phase 1 was completed in 2007.

Phase II included installation of a new 12-inch diameter replacement sewer main at Susan Drive. Phase I was completed in 2008.

Phase III constructed a new force main pipe from the Pacific Heights Pump Station along Sharp Park Road to Skyline Boulevard. Phase III is substantially complete and undergoing project closeout.

PROJECT NUMBER: 84325

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Completion of all three phases of the Rollingwood project adds much needed capacity to the wastewater collection system from Skyline Drive (between Sneath Lane and College Drive) to Fleetwood and Catalpa Drives. By doing so, it reduces or eliminates sanitary sewer overflows which can cause serious health risks, result in property damage and occupy significant City resources in the form of staff time, equipment and material that are required to respond.

LIFE EXPECTANCY: 50 years.

2008-09 STATUS: Completed design of Phase III, awarded construction contract and substantially completed construction.

2009-10 WORK PLAN: Complete project closeout.

PROJECTED COMPLETION DATE: August 2009

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Future Years	Total Appropriations
Wastewater Capital	5,220,078	329,876	0	0	5,220,078
Total	\$5,220,078	\$329,876	\$0	\$0	\$5,220,078

Line Item Expenditu	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Future Years	Total Expenditures
0600: Pre-Design	363,944	0	0	0	363,944
0610: Design	474,909	245,726	0	0	720,635
0620: Construction	3,100,571	705,052	329,876	0	4,135,499
Total	\$3,939,424	\$950,778	\$329,876	\$0	\$5,220,078

ONGOING FINANCIAL IMPACT: Minimal, other than routine maintenance.

SANITARY SEWER CONDITION ASSESSMENT PROJECT

PROJECT DESCRIPTION: This project performs the work necessary to conduct a full sanitary sewer condition assessment as required by the City’s Sanitary Sewer Management Plan.

On May 2, 2006, the State Regional Water Quality Control Board (SRWQCB) established Statewide General Waste Discharge Requirements (WDR) Order No. 2006-0003. The WDR Order required all federal and state agencies, municipalities, county districts, and other public entities that own or operate sanitary sewer systems greater than one mile in length in the State of California to develop and implement a system-specific Sewer System Management Plan (SSMP). The objective of the SSMP is to provide proper and efficient management, operation, and maintenance of sanitary sewer systems, while taking into consideration risk management and cost benefit analyses.

As part of the “Measures and Activities” section of the SSMP, the City must conduct a thorough condition assessment of the sanitary sewer system that entails closed circuit televising (CCTV) and smoke testing—though additional assessment measures may be necessary in the future. The funding requested below will allow the City to CCTV over a five-year period.

PROJECT NUMBER: 84337

PROJECT MANAGER: Deputy Director of Public Services

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: This project will provide mandated assessment of the sewer collection system infrastructure along with proper and efficient management, operation and maintenance of sanitary sewer systems. The SSMP’s intent is to reduce the number and frequency of SSOs and decrease the risk to human health and the environment caused by SSOs.

LIFE EXPECTANCY: On-going.

2008-09 STATUS: Completed closed circuit televising of 1/5 of the collection system. Integrated data collected with the newly implemented CMMS.

2009-10 WORK PLAN: Complete closed circuit televising of 2/5 of the collection system and continue integrating data with CMMS.

PROJECTED COMPLETION DATE: Spring 2012.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	2010-12 Request	Total Appropriations
Wastewater Capital	345,000	142,378	200,000	557,350	1,102,350
Total	\$345,000	\$142,378	\$200,000	\$557,350	\$1,102,350

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	2010-12 Request	Total Expenditures
0620: Construction	4,625	184,000	332,378	557,350	1,078,353
0640: Study	933	13,064	10,000	0	23,997
Total	\$5,558	\$197,064	\$342,378	\$557,350	\$1,102,350

ONGOING FINANCIAL IMPACT: This condition assessment will allow the Department to appropriately target future efforts to rehabilitate wastewater mains.

SCADA FOR WASTEWATER FACILITIES

PROJECT DESCRIPTION: This project will provide the capability to remotely monitor and control stand-alone equipment through an automated data processing, fiber optics and telemetry system know as SCADA (supervisory control and data acquisition). Computers will utilize master telemetry for data acquisition from field locations for system control and will provide alerts on a series of preset conditions at the main station to be located at the Corporation Yard. This project will utilize Cable TV fiber optic lines for data communication thereby avoiding any need for leasing phone lines.

PROJECT NUMBER: 84315

PROJECT MANAGER: Deputy Director of Public Services

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: This project will allow staff to monitor the City's wastewater facilities more efficiently. This will provide a better level of protection for these facilities and the community that they serve. It will also allow for a quicker response in the event of failures.

LIFE EXPECTANCY: 20+ years.

2008-09 STATUS: Completed design of SCADA system at six sanitary sewer pump stations.

2009-10 WORK PLAN: Award construction contract and complete SCADA installation.

PROJECTED COMPLETION DATE: April 2010.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Future Years	Total Appropriations
Wastewater Capital	254,792	0	144,208	0	399,000
Total	\$254,792	\$0	\$144,208	\$0	\$399,000

Line Item Expenditures	Prior Expenses	2007-08 Expenses	2009-10 Adopted	Future Years	Total Expenditures
0610: Design	0	99,000	0	0	99,000
0620: Construction	0	0	300,000	0	300,000
Total	\$0	\$99,000	\$300,000	\$0	\$399,000

ONGOING FINANCIAL IMPACT: Minimal, other than periodic maintenance and repair.

TRENTON DRIVE WASTEWATER MAIN REPLACEMENT PROJECT

PROJECT DESCRIPTION: This project will remove and replace the main wastewater line behind Trenton Drive in an area with limited access for inspections and maintenance. Staff has identified this section of piping as a problem area subject to breaks and sanitary sewer overflows. Tree removal and development of an all access road will also be included in this project scope. Initial pre-design of this project was conducted under the Wastewater Pipeline Repair Program.

PROJECT NUMBER: 85704

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Sanitary sewer overflows are serious health threats that can also cause property damage and subject the City to fines by the Regional Water Quality Control Board (CRWQCB). Repairing damaged pipelines will help to reduce sanitary sewer overflows, thereby reducing the potential for liability to the City. Additionally, correcting problem areas will reduce the cost associated with performing stopgap maintenance efforts.

LIFE EXPECTANCY: 50 years.

2008-09 STATUS: No work.

2009-10 WORK PLAN: Begin feasibility study as to how to best proceed with the project, award engineering design contract and complete design. At this time, the cost for construction is an approximation. A more accurate cost estimate will be available once the design is complete to the 35% level. Construction will occur in 2010.

PROJECTED COMPLETION DATE: Spring 2011

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	2010-11 Request	Total Appropriations
Wastewater Capital	0	0	115,000	1,200,000	1,315,000
Total	\$0	\$0	\$115,000	\$1,200,000	\$1,315,000

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	2010-11 Request	Total Expenditures
0600: Pre-Design	0	0	15,000	0	15,000
0610: Design	0	0	100,000	0	100,000
0620: Construction	0	0	0	1,200,000	1,200,000
Total	\$0	\$0	\$115,000	\$1,200,000	\$1,315,000

ONGOING FINANCIAL IMPACT: Will reduce the cost of overtime needed to respond to sanitary sewer overflows that occur in this area.

VACTOR EQUIPMENT PURCHASE

PROJECT DESCRIPTION: A vactor is a relatively large truck that has the ability to force a high-powered jet of water to unplug a clogged sewer main, suck up dirt and grease during an excavation as well as remove grease and other debris from lift station wet wells. Currently, the Wastewater Division operates one jetter and one Vactor. In order to increase the Division's ability to respond to sewer system overflows and aid in routine preventative maintenance, staff proposes the purchase of an additional Vactor. This would enable the City to meet the State's Wastewater Discharge Requirements and the pledges made in the City's Sanitary Sewer Master Plan to sufficiently conduct both proactive maintenance and emergency repair of sewer mains.

PROJECT MANAGER: Not Yet Assigned

PROJECT MANAGER: Deputy Director of Public Services

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Increases the Division's capability to conduct preventative maintenance and to respond to emergency sewer system overflows as mandated by the requirements imposed by the State of California.

LIFE EXPECTANCY: 10 years

PROJECTED PROJECT START DATE: 2010

PROJECTED PROJECT COMPLETION DATE: 2011

PROJECT-RELATED APPROPRIATIONS:

Funding Source	Total Project Cost	2010-11 Request
Wastewater Capital	325,000	325,000
Total	\$325,000	\$325,000

ONGOING FINANCIAL IMPACT: Replacement will be scheduled into the Equipment Reserve Fund.

VIDEO INSPECTION TRUCK EQUIPMENT PURCHASE

PROJECT DESCRIPTION: A video inspection truck is a vehicle specifically outfitted with cameras, data collection equipment and software that allows wastewater crews to run a camera down sewer main lines to check for blockages and survey the general condition of the pipe. As the State requires all wastewater collection systems to inventory their sewer pipe within a relatively short time period, efforts are currently underway through the Sanitary Sewer Condition Assessment Program to close circuit televise the entire collection system within five years--a timeframe that could not be accomplished with in-house forces. Acquisition of a video inspection truck will provide the City with the capability to video inspect sewer mains after the completion of the initial assessment and—more significantly—assess particular sewer blockage problems and repairs.

Currently, when a wastewater crew is deployed to eliminate a blockage or perform routine maintenance on a section of pipe—being that the issue of concern is underground—they do so not entirely sure of the exact condition or that the fix has completely solved the problem. Once deployed, the video inspection truck will allow crews to accurately identify problem conditions and verify that the corrective measures finished the job. An added benefit is the truck's ability to assist with the development of capital improvement projects to replace deteriorating sewer mains.

It should be noted, however, that technology for sewer main maintenance is constantly improving. Other maintenance equipment, such as Vactors and jettors--a large pieces of equipment used to unclog mains and clear debris--are beginning to be outfitted with an optional video camera. Over the next year the City will continue to monitor the development of this technology to determine the most cost effective method to conduct spot video inspections of sewer mains.

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: Deputy Director of Public Services

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: As the San Bruno wastewater collection system is heavily dependent upon preventative maintenance activities to prevent sewer system overflows; this project provides a significant improvement for the effective deployment of those preventative maintenance resources.

LIFE EXPECTANCY: 10 years

PROJECTED PROJECT START DATE: 2010

PROJECTED PROJECT COMPLETION DATE: 2011

PROJECT-RELATED APPROPRIATIONS:

Funding Source	Total Project Cost	2010-11 Request
Wastewater Capital	190,000	190,000
Total	\$190,000	\$190,000

ONGOING FINANCIAL IMPACT: Replacement of will be scheduled into the Equipment Reserve Fund.

WASTEWATER PIPELINE REPAIR PROGRAM

PROJECT DESCRIPTION: The largest component of the wastewater collection system, the wastewater pipelines need periodic replacement as they age or become damaged. As part of the City's development of the most recent study on how wastewater rates fund the capital improvement program, the City Council indicated that a major effort be undertaken to completely revitalize sewer collection pipelines within 25 years—a total cost of nearly \$100 million. Accomplishing this involves a significant upfront planning effort to identify and prioritize the areas in greatest need of repair. Assisting in this effort will be the data collected from the Sanitary Sewer Condition Assessment Project, the Wastewater Master Plan, and the experience of field personnel.

The program will undertake the repair of sewer manholes and segments of pipelines that are in dire need of rehabilitation. Examples include locations that have broken or seriously leaking pipes, manholes that are found to be structurally or hydraulically inadequate, pipeline conditions that restrict flow, or chronic maintenance locations that can only be remedied by repairs. As many of these problems are caused by the age of the underground infrastructure (averaging 60 to 80 years old), replacing these pipelines will eliminate known problems and prevent future problems from occurring.

In addition to the planning needed over the next two years, the future costs described below represent a planning estimate of the cost to design and construct the pipeline replacement the City expects to accomplish over the next five years.

PROJECT NUMBER: 84322

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Caused by aging infrastructure, sanitary sewer overflows are serious health threats that can also cause property damage and subject the City to fines by the Regional Water Quality Control Board (CRWQCB). Repairing old and damaged pipelines will help to reduce sanitary sewer overflows, thereby reducing the potential for liability to the City.

LIFE EXPECTANCY: 50 years.

2008-09 STATUS: Performed several small-scale repairs as well as conducted limited smoke-testing of laterals in the Sharp Park area.

2009-10 WORK PLAN: Identify priority projects for future capital project funding; including coordination with streets, wastewater and storm drain needs.

PROJECTED COMPLETION DATE: Ongoing project.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Unidentified Funding Years	Total Appropriations
Wastewater Capital	232,626	103,731	0	4,096,877	4,329,503
Total	\$232,626	\$103,731	\$0	\$4,096,877	\$4,329,503

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Unidentified Funding Years	Total Expenditures
0600: Pre-Design	18,614	0	5,000	204,844	228,458
0610: Design	14,008	748	0	409,688	424,444
0620: Construction	76,909	18,616	0	3,581,076	3,676,601
Total	\$109,531	\$19,364	\$5,000	\$4,195,608	\$4,329,503

ONGOING FINANCIAL IMPACT: Minimal, other than routine maintenance.

WASTEWATER SYSTEM MASTER PLAN UPDATE

PROJECT DESCRIPTION: The current wastewater system master plan was completed in 2000, and requires updating and re-analysis. This will include modeling of the City’s wastewater collection systems reflecting changes and upgrades made via CIP projects and land development carried out over the last eight years. Once complete, the master plan update will provide additional focus for mainline and pump station rehabilitation work that has been incorporated into the recently completed wastewater rate study. The result will be a more reliable and efficient sewer service.

PROJECT NUMBER: 84338

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: This project is desirable to prevent sanitary sewer overflows that may result in costly fines that would be indirectly paid by rate-paying customers. Customer service can be interrupted if system troubles occur.

LIFE EXPECTANCY: 8-12 years.

2008-09 STATUS: After additional consideration, work on this project was deferred until the completion of the Rollingwood Relief Sewer and Mastick Avenue Wastewater Main Replacement Projects to determine how they will impact the system.

2009-10 WORK PLAN: Perform an internal assessment on how the recently completed projects have impacted the Wastewater system and begin RFP process to select an engineering firm qualified to update the master plan.

PROJECTED COMPLETION DATE: Summer 2011.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	2010-11 Request	Total Appropriations
Wastewater Capital	156,000	155,190	0	0	156,000
Total	\$156,000	\$155,190	\$0	\$0	\$156,000

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	2010-11 Request	Total Expenditures
0640: Study	0	810	10,000	145,190	156,000
Total	\$0	\$810	\$10,000	\$145,190	\$156,000

ONGOING FINANCIAL IMPACT: Will allow future CIP project funds to be expended more effectively and promote efforts to avoid regulatory fines for non-compliance and overflows.

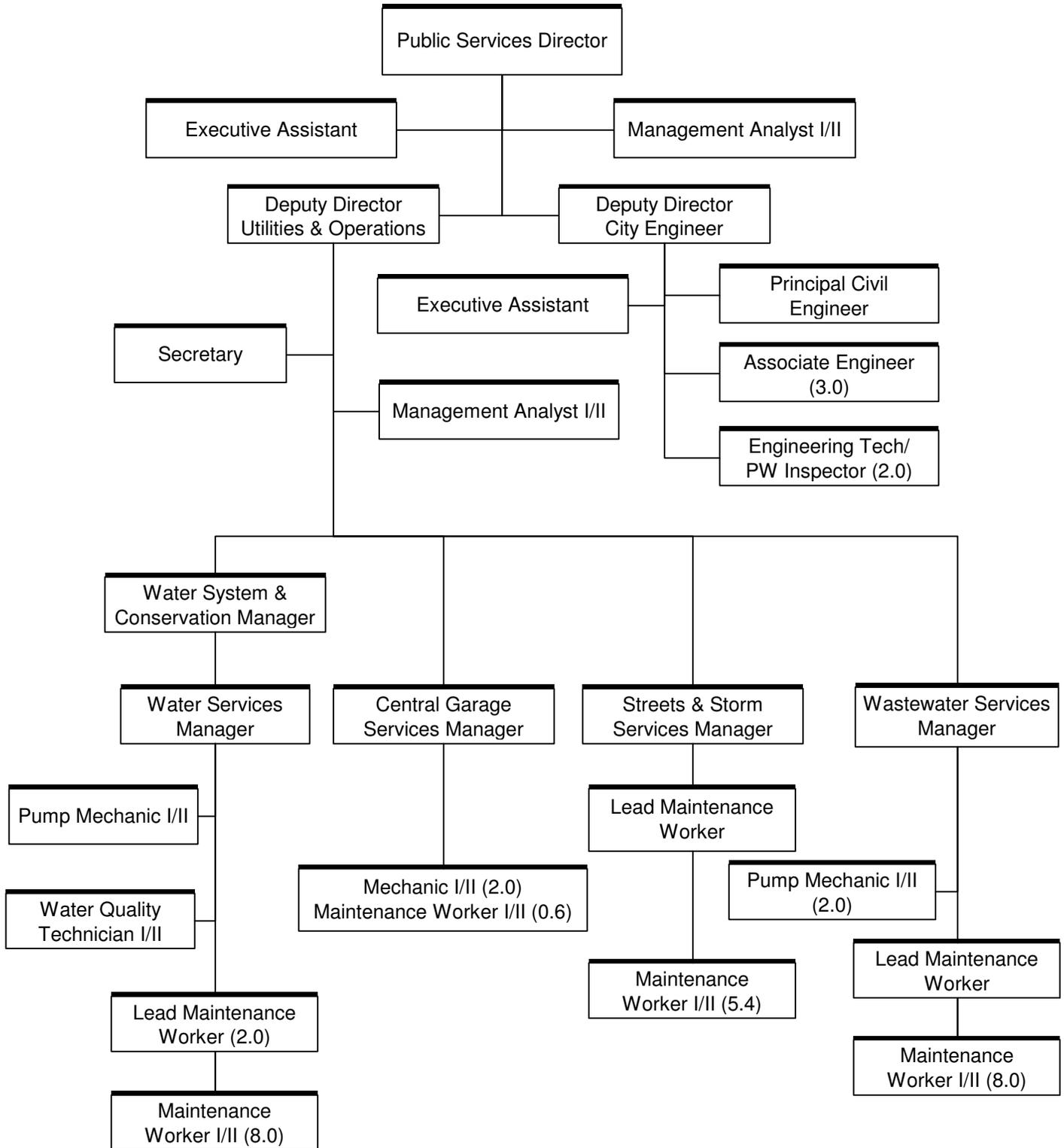
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STORMWATER ENTERPRISE FUND

STORMWATER ENTERPRISE FUND

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SUMMARIES
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**STORMWATER ENTERPRISE FUND
CASH SHEET**

	2008-09 Budget	2008-09 Est. Actual	2009-10 Adopted
Beginning Balance, July 1	\$2,362,296	\$2,102,325	\$1,883,310
Revenues			
Operating Revenues	542,250	485,000	500,000
Reimbursements	70,000	37,699	37,700
Interest Income	75,000	0	50,000
Total Revenues	687,250	522,699	587,700
Expenses			
Operating Expenses	496,874	504,779	483,882
Capital Improvement Program Expenses	750,556	153,226	1,398,163
Equipment Reserve Purchases	0	0	0
Transfer to Parks & Facilities Capital	83,709	83,709	0
Total Expenses	1,331,139	741,714	1,882,045
Operating Surplus (Deficit)	(643,889)	(219,015)	(1,294,345)
Non-Operating Transfers: Equipment Reserve			
Transfer Out from Operations	61,015	61,015	50,602
Transfer In to Equipment Reserve	(61,015)	(61,015)	(50,602)
Non-Operating Surplus (Deficit)	0	0	0
Ending Balance, June 30	\$1,718,407	\$1,883,310	\$588,965

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OPERATIONS
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STORMWATER ENTERPRISE

The City of San Bruno Stormwater Division is committed to providing rapid, professional, and cost-effective street sweeping and stormwater collection system maintenance services to the community. Our interaction will always be courteous, productive and beneficial to the citizens of San Bruno.

PROGRAMS

The Stormwater Division is responsible for maintaining the Stormwater conveyance system, as well as adhering to the requirements outlined in the National Pollutant Discharge Elimination System (NPDES) permit. These duties are accomplished through implementation of a number of programs as outlined in the following levels of service:

DISCRETIONARY CUSTOMER SERVICE ACTIVITIES

Construct sandbags for resident and business owner use during the wet season.

BEST MANAGEMENT PRACTICES TO OPTIMIZE SERVICE

Inspect each storm drain throughout the entire City and, in accordance with NPDES permit requirements, clean each storm drain located in known trouble areas. Assist the Engineering Division in the inventory of storm drain assets.

ROUTINE REPAIR AND MAINTENANCE

Maintain and repair City owned valley gutters by removing sediment, debris, and vegetation to optimize storm flow. Maintain and repair storm drain mains, catch basins, and grates.

MINIMUM SERVICES FOR BASIC FUNCTIONALITY AND REGULATORY COMPLIANCE

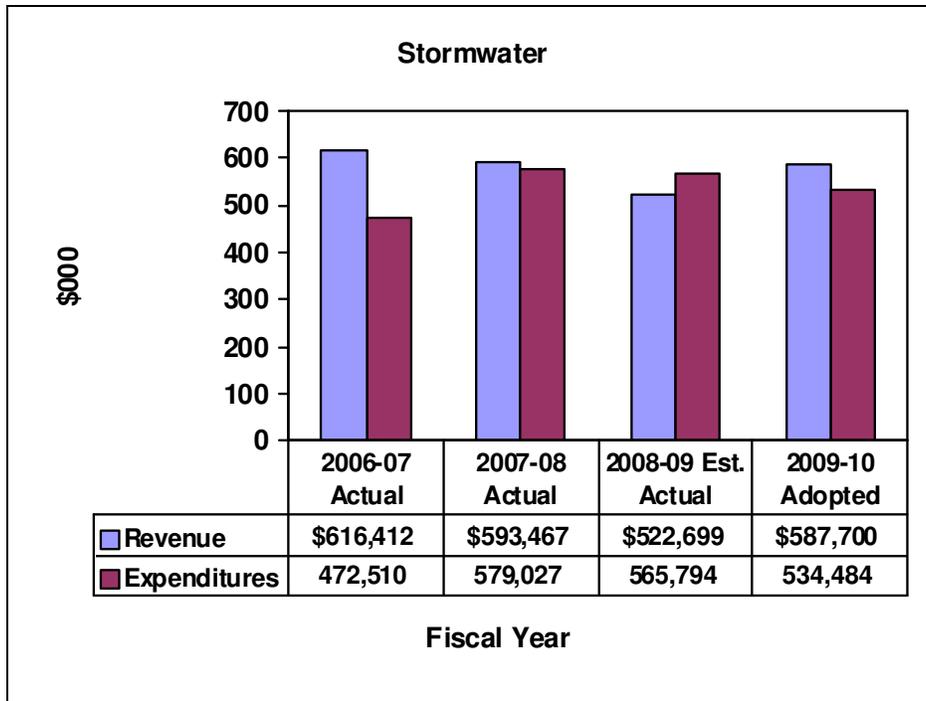
Perform semimonthly cleaning of all residential, commercial and industrial roadways. Clean storm grates and trash racks during periods of rainfall to prevent flooding. Inspect known hill slide locations during and after periods of rainfall.

PRIORITY FOCUS

The Stormwater Division primarily focuses on reducing the amount of sediment, nutrients, bacteria, oils, metals, organics, pesticides on City streets by performing semimonthly street cleaning of the City's residential, commercial, and industrial areas; thereby reducing the amount of pollutants washed into local waterways. Additionally, all programs performed by the Division work in conjunction with each other in order to adhere to, or exceed requirements set by the National Pollution Discharge Elimination System permit, as well as reduce the possibility of street flooding during significant rain events.

PROGRAM RESOURCES

Delivery of the Division's core services during fiscal year 2009-10 will require an expenditure budget of \$534,484 and personnel resources 3.05 full time employees. As an enterprise fund, the Stormwater Fund is fully funded by a drainage parcel fee assessed against all properties as a function of the parcel type and potential for drainage runoff.



REVENUES

As an enterprise fund, the Stormwater Division is completely dependent on revenues derived from a drainage fee applied against all parcels and collected with the property tax. These fees remain stable unless the City Council approves the process of a Proposition 218 compliant positive vote for an increase to these fees. A positive vote means 50% plus 1 approval of identified increased rates by impacted property owners.

	2006-07 Actual	2007-08 Actual	2008-09 Est. Actual	2009-10 Adopted
Revenue				
Interest Earnings	\$80,095	\$62,012	\$0	\$50,000
Stormwater Assessment	536,317	493,949	485,000	500,000
Street Sweeping Reimb.	0	37,506	37,699	37,700
Total Revenues	\$616,412	\$593,467	\$522,699	\$587,700

EXPENDITURES

As with prior years, the Department's expenditure appropriation is split approximately 49% for personnel costs and 51% for operations and professional services.

	2006-07 Actual	2007-08 Actual	2008-09 Est. Actual	2009-10 Adopted
Expenditures				
Operations	\$411,495	\$518,012	\$504,779	\$483,882
Transfer to Capital	61,015	61,015	61,015	50,602
Total Expenditures	\$472,510	\$579,027	\$565,794	\$534,484

PERSONNEL
Personnel Summary

Public Services Department	General Fund		Water		Storm water	Waste water	Internal Service	Special Revenue	Total
	Admin & Eng.	Streets	Supply	Distrib.	Operations	Operations	Central Garage	Solid Waste	
Public Services Director	0.15	0.05	0.20	0.15	0.05	0.35	0.05	0.00	1.00
Deputy Dir. Engineering	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
Deputy Dir. Utilities	0.00	0.20	0.15	0.20	0.05	0.35	0.05	0.00	1.00
Maintenance Services Mgr	0.00	0.50	0.30	0.70	0.50	1.00	1.00	0.00	4.00
Principal Civil Engineer	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
Associate Civil Engineer	2.00	0.00	0.50	0.00	0.00	0.50	0.00	0.00	3.00
Water System & Conserv. Mgr	0.00	0.00	0.50	0.50	0.00	0.00	0.00	0.00	1.00
Water Quality Tech	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00
Management Analyst I/II	0.45	0.00	0.50	0.25	0.00	0.25	0.25	0.30	2.00
Engineering Tech	1.00	0.00	0.00	0.50	0.00	0.50	0.00	0.00	2.00
Pump Mechanic I/II	0.00	0.00	0.25	0.75	0.00	2.00	0.00	0.00	3.00
Lead Maintenance Worker	0.00	0.50	1.00	1.00	0.50	1.00	0.00	0.00	4.00
Maintenance Worker I/II	0.00	3.50	1.20	6.80	1.90	8.00	0.60	0.00	22.00
Mechanic I/II	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00
Executive Assistants	1.15	0.05	0.20	0.15	0.05	0.35	0.00	0.05	2.00
Secretary	0.00	0.25	0.25	0.25	0.00	0.25	0.00	0.00	1.00
Total	6.75	5.05	5.05	12.25	3.05	14.55	3.95	0.35	51.00

2008-09 ACCOMPLISHMENTS

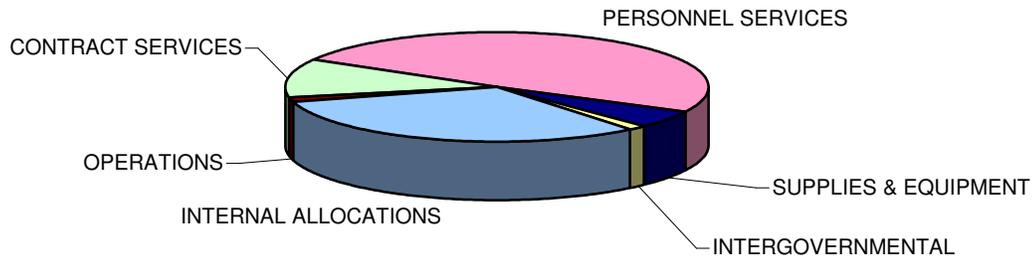
- ✓ Implemented a revised pre-wet season cleaning and inspection program, which included inspection of each of storm drain in the city, and cleaning of each storm drain deemed to be located in a potential trouble location.
- ✓ Decreased the amount of FTE hours required to clean storm grates by placing a secondary sweeper into service to clean streets before and after a storm event.
- ✓ Continued to monitor and provide comment to Regional Water Quality Control Board process to develop new NPDES permit regulations.

2009-10 GOALS & OBJECTIVES

- ❑ Assist in the completion of the Stormwater Master Plan by working with the Engineering Division to complete an asset inventory of the stormwater system.
- ❑ Refresh thermoplastic anti-dumping “Flows to Bay” stencils at storm drain inlets.
- ❑ Coordinate with County of San Mateo to plan for addressing stormwater pumping capacity at Walnut and Angus Pump Stations.

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Stormwater Enterprise 2009-10 Adopted Budget



	2009-10 ADOPTED	PERCENT OF TOTAL
PERSONNEL SERVICES	\$263,492	49%
SUPPLIES & EQUIPMENT	27,630	5%
CONTRACT SERVICES	61,030	11%
OPERATIONS	7,383	1%
INTERGOVERNMENTAL	7,606	1%
INTERNAL ALLOCATIONS	167,343	31%
GRAND TOTAL	\$534,484	100%

PERSONNEL SERVICES	ADOPTED BUDGET	DESCRIPTION
5101 REGULAR SALARIES	\$195,451	Base salary and incentives for all department personnel, working a minimum of 80 hours per pay period. Subject to benefits per applicable MOUs.
5105 OVERTIME	9,095	Overtime pay in accordance with the applicable MOU. Overtime pay is only subject to Medicare and FICA employer contributions, when applicable, not City cost of CalPERS retirement.
5200 EMPLOYEE BENEFITS	58,946	City's cost of CalPERS pension, Medicare, FICA where applicable, deferred compensation match, health & welfare insurance, life insurance, long-term disability insurance, management leave buyout, pay in-lieu of holidays.
SUBTOTAL FOR PERSONNEL SERVICES	\$263,492	

SUPPLIES & EQUIPMENT		ADOPTED BUDGET	DESCRIPTION
6101	GAS & OIL	\$9,000	Fuel and oil for vehicles and equipment assigned to Stormwater Division.
6102	OPERATING SUPPLIES	12,400	Uniforms and safety equipment, (\$2,300); Field supplies, (\$5,000); Storm and flood supplies, (\$5,100).
6201	BUILDING & GROUNDS SUPPLIES	1,530	Building yard and shop supplies.
6202	STREET REPAIRS AND SUPPLIES	4,700	Replacement of asphalt/concrete/base rock/sand following repairs, (\$3,700); Sand for sandbag construction, (\$1,000).
SUBTOTAL FOR SUPPLIES & EQUIPMENT		\$27,630	

CONTRACT SERVICES		ADOPTED BUDGET	DESCRIPTION
6401	PROFESSIONAL SERVICES	\$35,000	GIS input of stormwater assets, (\$25,000); Analysis of screens at County pump stations, (\$5,000); Consultation services dealing with MRP, (\$5,000).
6411	CONTRACTUAL SERVICES	23,530	Quarterly pressure washing of downtown San Mateo Avenue, (\$11,330); Contract repair of storm drain grates and mains, (\$9,200); Contract of temporary workers for sandbag construction, (\$3,000);
6419	OTHER SERVICES	2,500	Uniform cleaning (\$1,000); Disposal of excavation materials (\$1,500).
SUBTOTAL FOR CONTRACT SERVICES		\$61,030	

OPERATIONS		ADOPTED BUDGET	DESCRIPTION
6405	STAFF TRAINING	\$1,250	Competent person training in the areas of trench shoring and excavation, (\$375); Forklift operator training, (\$150); Subsurface utility locating and marking best practices, (\$600); On site traffic control and flagger class, (\$125).
6406	PROFESSIONAL DEVELOPMENT	275	Professional development in accordance with MOU.
6450	COMMUNICATIONS	133	Internal allocation of dedicated fax and data lines, office telephone charges and mobile phones.
6601	RENTAL & LEASES	5,000	Rentals and leases of equipment for County storm stations.
6701	DUES & MEMBERSHIPS	125	Maintenance Superintendents Association (MSA), (\$65); California Water Environment Association (CWEA), (\$60)

Operations (Cont.)

6702	PUBLICATIONS & SUBSCRIPTIONS	100	Publications of American Public Works Association Reporter, safety related brochure and display materials.
6704	MEETINGS/ CONFERENCES	500	Bimonthly workshop meetings associated with National Pollutant Discharge Elimination System (NPDES) compliance and San Mateo County Water Pollution Prevention Program (SMCWPPP).
SUBTOTAL FOR OPERATIONS		\$7,383	

INTERGOVERNMENTAL	ADOPTED BUDGET	DESCRIPTION
7041 COUNTY SVCE.CHARGES	\$200	County assessment service charge.
7069 INTERGOVERNMENTAL - OTHER	7,406	Fees for the California State Water Resources Control Board.
SUBTOTAL FOR INTERGOVERNMENTAL		\$7,606

INTERNAL ALLOCATIONS	ADOPTED BUDGET	DESCRIPTION
7901 OTHER INTERNAL SERVICE ALLOC.	\$78,392	Self-Insurance Allocation, (\$19,354); Technology Allocation, (\$875); Central Garage Allocation, (\$58,163).
7902 GENERAL ADMIN. ALLOC.	38,349	Public Works Administration Allocation, (\$13,044); General Administration Allocation, (\$25,305).
9079 TRANSFER TO EQPT. RESERVES	50,602	Allocation of reserve funding to provide for replacement of capital assets at the end of their useful lives.
SUBTOTAL FOR INTERNAL ALLOCATIONS		\$167,343
GRAND TOTAL		\$534,484

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CAPITAL PROJECTS
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2009-14 STORMWATER CAPITAL IMPROVEMENT PROGRAM

The Stormwater Enterprise Fund provides for the maintenance and capital improvements related to drainage channel and ditch improvements, wet-weather slope improvements on public lands, and improvements at two San Mateo Flood Control District pump stations. The Stormwater Capital Improvement Program provides funding designed to protect, preserve, and enhance the stormwater infrastructure facilities. The goal is to improve and/or replace existing facilities in an effort to extend the useful life of these valuable public assets.

PROJECTS IN THE 2009-14 WORK PLAN

- Belle Air Storm Drainage Improvements at Various Locations
- City Park Way Stormwater Undergrounding
- Landslide Mitigation Project
- Line A/B Storm Drain Betterment at CalTrain Grade Separation Project
- Miscellaneous Storm Drain Improvement Program
- San Antonio Avenue Drainage Improvements Project
- Stormwater Master Plan Update

PROJECTS REMOVED FROM BUDGET

- Vegetated Curb Extension at Belle Air School (completed)

**STORMWATER CAPITAL 2009-14 WORK PROGRAM
FUNDING SUMMARY**

Project	Total Project Cost	Prior Years Funding	2009-10	2010-11	2011-12	2012-13	2013-14	Unidentified Funding Year
Stormwater Capital								
Belle Air Storm Drainage Improvements at Various Locations	45,000	45,000	0	0	0	0	0	0
City Park Way Stormwater Undergrounding	1,200,000	0	0	0	0	0	0	1,200,000
Landslide Mitigation Project	888,935	432,000	456,935	0	0	0	0	0
Line A/B Storm Drain Betterments at Caltrain Grade Separation Project	1,990,000	0	0	0	1,990,000	0	0	0
Miscellaneous Storm Drain Improvement Program	90,000	30,000	6,500	23,500	30,000			
San Antonio Avenue Drainage Improvements Project	375,000	75,000	300,000	0	0	0	0	0
Stormwater Master Plan Update	210,228	210,228	0	0	0	0	0	0
Total	\$4,799,163	\$792,228	\$763,435	\$23,500	\$2,020,000	\$0	\$0	\$1,200,000

BELLE AIR STORM DRAINAGE IMPROVEMENTS AT VARIOUS LOCATIONS

PROJECT DESCRIPTION: This project will mitigate localized street flooding associated with rainstorms.

Currently there are several locations on 5th Avenue and 7th Avenue where local subsidence has resulted in street low points that collect stormwater. This project will mitigate these local flooding situations through installation of additional drainpipes, or in some instances, filling and reconstruction of street improvements. City forces may perform some of this work, and some may be constructed by contractors.

PROJECT NUMBER: 84201

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: This project will eliminate or minimize occurrence of street flooding, thereby prolonging the life of pavement and improving safety.

LIFE EXPECTANCY: 25 years.

2008-09 STATUS: As part of a pilot project to assess the effectiveness of proposed solutions, staff met with area residents and vendors to determine scope of construction. Completed design.

2009-10 WORK PLAN: Compile bid package and release to bid, award contract and complete construction. Assess effectiveness of this pilot project for future applications.

PROJECTED COMPLETION DATE: Complete construction by November 2009.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Future Years	Total Appropriations
Stormwater Fund	45,000	37,443	0	0	45,000
Total	\$45,000	\$37,443	\$0	\$0	\$45,000

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Future Years	Total Expenditures
0600: Pre-Design	1,549	630	0	0	2,179
0610: Design	0	5,378	0	0	5,378
0620: Construction	0	0	37,443	0	37,443
Total	\$1,549	\$6,008	\$37,443	\$0	\$45,000

ONGOING FINANCIAL IMPACT: Mitigation of current local street flooding will reduce need for maintenance activities.

CITY PARK WAY STORMWATER UNDERGROUNDING

PROJECT DESCRIPTION: This project will underground the storm drain valley gutter that currently travels along the edge of the roadway leading through City Park. The scope of work involves extending the existing underground pipe at the east end of the park approximately 1,000 feet to the west side of City Park Way near the City pool. The project will involve a significant amount of street reconstruction above the underground pipe to restore the existing roadway and off-street parking. It is anticipated that the Stormwater Master Plan will provide additional insight into this project and the timing of its construction with the improvement of other stormwater infrastructure.

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Improves safety and appearance of City Park by sending runoff water currently running in a surface gutter to concealed subsurface pipes.

LIFE EXPECTANCY: 50 years

PROJECTED PROJECT START DATE: Unidentified

PROJECTED PROJECT COMPLETION DATE: Unidentified

PROJECT-RELATED APPROPRIATIONS:

Funding Source	Total Project Cost	Unidentified Funding Years
Unidentified	1,200,000	1,200,000
Total	\$1,200,000	\$1,200,000

ONGOING FINANCIAL IMPACT: Minimal; may reduce risk of slip-and-fall claims.

LANDSLIDE MITIGATION PROJECT

PROJECT DESCRIPTION: This project will mitigate potential risk to private property from possible uphill ground movement stemming from geological conditions on City property above 425 Madison Avenue. The repair option will include a full grading repair of the hillside to mitigate localized geologic weakness by installing deep trench drains, repair of existing drainage features, and new trees and other vegetative erosion control measures. The site has very limited access with existing residences at the base of the slope. These construction challenges will need to be considered in the design.

PROJECT NUMBER: 86702

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: The project will increase safety and mitigate the potential of future earth movement.

LIFE EXPECTANCY: 50 years.

2008-09 STATUS: Extensive discussions and examinations of the site were conducted; including geotechnical monitoring, drilling, and analysis of the site by Cotton Shires Associates. Based on those studies, Cotton Shires prepared a design for grading repair that underwent a peer review to assess the practicality of constructing the project.

2009-10 WORK PLAN: Negotiate settlement, waivers, and easements with homeowner; negotiate access with Bethany Presbyterian Church for access to site from uphill; finalize bid package and award construction contract; and construct project.

PROJECTED COMPLETION DATE: November 2009.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Future Years	Total Appropriations
Stormwater Fund	432,000	419,465	456,935	0	888,935
Total	\$432,000	\$419,465	\$456,935	\$0	\$888,935

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Future Years	Total Expenditures
0610: Design	0	12,535	4,400	0	16,935
0620: Construction	0	0	872,000	0	872,000
Total	\$0	\$12,535	\$876,400	\$0	\$888,935

ONGOING FINANCIAL IMPACT: Modest expenditures needed to maintain the improvements during the first few years after construction.

LINE A/B STORM DRAIN BETTERMENTS AT CALTRAIN GRADE SEPARATION PROJECT

PROJECT DESCRIPTION: This project will provide funding for capacity improvements in the flow of stormwater immediately upstream of the Caltrain right-of-way crossings, which will be reconstructed as part of the proposed Caltrain Grade Separation Project. Replacing upstream improvements in conjunction with the grade separation will alleviate much of the potential for flooding west of the tracks and in the downtown area along San Mateo Avenue.

This project will fund the City's share of drainage improvements that are identified and deemed to be "betterments" to the scope of the planned grade separation of the Caltrain tracks through San Bruno by the Peninsula Corridor Joint Powers Board. The project has been re-scheduled from 2005-2006 to 2009-2010 due to the overall delay of the Caltrain Grade Separation Project.

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Addresses the City's Stormwater Collection System helps to prevent damage caused by flooding.

PROJECTED PROJECT START DATE: 2011

PROJECTED PROJECT COMPLETION DATE: 2012

LIFE EXPECTANCY: 50 years.

PROJECT-RELATED APPROPRIATIONS:

Funding Source	Total Project Cost	2011-12 Request
Unidentified	1,990,000	1,990,000
Total	\$1,990,000	\$1,990,000

ONGOING FINANCIAL IMPACT: Following the completion of this project, the effort expended on cleaning and maintaining this portion of the City's storm drainage collection system will actually be reduced. This is due to the elimination of hydraulic inefficiencies that currently exist in the existing box culvert system that will be mitigated with a replacement structure.

MISCELLANEOUS STORM DRAIN IMPROVEMENT PROGRAM

PROJECT DESCRIPTION: Annually, the City is requested to respond to community complaints of standing water. Presently, there is no designated funding for staff to mitigate these identified problem areas. This project funds the investigation, prioritization, design, and construction costs associated with isolated surface water ponding along residential curb and gutters. Once installed, the individual, small-scale improvements will mitigate these areas where surface water ponding poses a nuisance and/or safety hazard to the community in its immediate proximity. Examples include replacement of curb and gutters, minor re-grading and paving, installation of pervious paving, landscape improvements to delay onset of peak flow, etc.

The Stormwater Master Plan, once completed, will guide this project's future efforts.

PROJECT NUMBER: 86703

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Implementing the projects funded under this program will respond to community concerns regarding flooding and standing water issues, as well as help ensure that the City meets its requirements under the National Pollutant Discharge Elimination Act permit.

LIFE EXPECTANCY: Approximately 25-50 years depending on the type of improvement.

2008-09 STATUS: The previously identified scope for this budget year included the replacement of curb and gutter. Staff determined that it would be the most cost effective to include this work as part of the contract awarded under the Sidewalk Repair Program.

2009-10 WORK PLAN: Survey and prioritize existing problem locations and begin construction on those that pose the most concern.

PROJECTED COMPLETION DATE: This will be an ongoing program over the next few years to address isolated standing water locations with design in the winter/spring and construction in the summer.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	2010-12 Request	Total Appropriations
Stormwater Fund	30,000	26,224	6,500	53,500	90,000
Total	\$30,000	\$26,224	\$6,500	\$53,500	\$90,000

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	2010-12 Request	Total Expenditures
0600: Pre-Design	0	630	0	0	630
0610: Design	0	3,146	6,500	8,500	18,146
0620: Construction	0	0	26,224	45,000	71,224
Total	\$0	\$3,776	\$32,724	\$53,500	\$90,000

ONGOING FINANCIAL IMPACT: Mitigation of current local street flooding will reduce need for maintenance activities.

SAN ANTONIO AVENUE DRAINAGE IMPROVEMENTS PROJECT

PROJECT DESCRIPTION: This project consists of the construction of new closed storm drain system to replace the existing open drainage system in order to eliminate localized flooding on San Antonio Avenue during storm events.

The existing storm drainage system in the vicinity of San Antonio Avenue consists of both open and closed drainage facilities. In many locations the elevation of the street gutter line and the flow line of the drainage ditches are essentially at the same elevation resulting in localized ponding of water and siltation of storm pipes and drainage channels. This problem is made more difficult because many of the drainage ditches are on private property and outside the City boundary.

PROJECT NUMBER: 84202

PROJECT MANAGER: Deputy Public Services

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: This project is intended to eliminate storm related standing water on San Antonio Avenue.

LIFE EXPECTANCY: 50 years.

2008-09 STATUS: Completed data collection and pre-design evaluation. Staff learned that the work needed to ensure environmental compliance may be significant.

2009-10 WORK PLAN: Work with Community Development and other agencies as needed to conduct environmental assessment. Complete design and bid specifications. Construct the following year.

PROJECTED COMPLETION DATE: October 2010 depending on environmental review..

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Future Years	Total Appropriations
Stormwater Fund	75,000	3,160	300,000	0	375,000
Total	\$75,000	\$3,160	\$300,000	\$0	\$375,000

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Future Years	Total Expenditures
0610: Design	0	71,840	0	0	71,840
0620: Construction	0	0	303,160	0	303,160
Total	\$0	\$71,840	\$303,160	\$0	\$375,000

ONGOING FINANCIAL IMPACT: Minimal.

STORMWATER MASTER PLAN UPDATE

PROJECT DESCRIPTION: This project will update of the Storm Water Master Plan to incorporate new system improvements and land use changes since the prior plan was published in 1991. The plan also needs to incorporate current National Pollution Discharge Elimination System (NPDES) and "Best Management Practices" strategies that have been implemented. An additional objective would be to update existing storm drain system maps to utilize GIS base maps.

The primary purpose for this plan update is to evaluate additional future capital system needs, mitigate flooding and evaluate the adequacy of San Mateo County Flood Control District improvements that convey storm drainage to the Bay.

PROJECT NUMBER: 84203

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: To eliminate flooding and associated safety and property damage problems.

LIFE EXPECTANCY: 20 years.

2008-098 STATUS: Awarded consultant contract. Initiated data gathering and engineering efforts.

2008-09 WORK PLAN: Conduct flow monitoring during the rainy season. Assemble data and engineering work and complete Stormwater Master Plan.

PROJECTED COMPLETION DATE: June 2010.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Future Years	Total Appropriations
Stormwater Fund	210,228	148,436	0	0	210,228
Total	\$210,228	\$148,436	\$0	\$0	\$210,228

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Future Years	Total Expenditures
0640: Study	2,725	59,067	148,436	0	210,228
Total	\$2,725	\$59,067	\$148,436	\$0	\$210,228

ONGOING FINANCIAL IMPACT: Completion of the master plan will allow for more strategic management of the stormwater system.

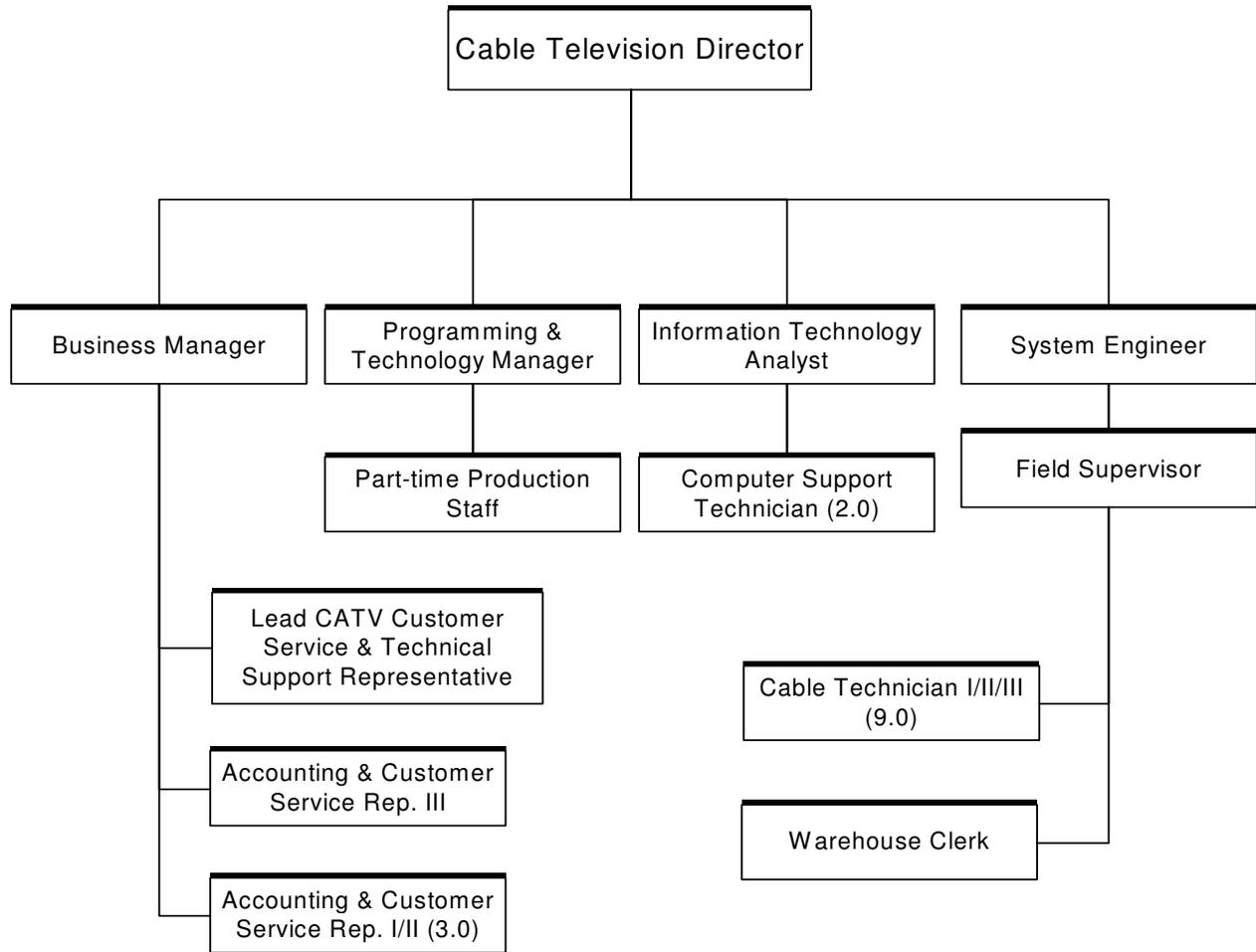
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CABLE FUND
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CABLE ENTERPRISE FUND

CABLE ENTERPRISE FUND



SUMMARIES
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**CABLE ENTERPRISE FUND
CASH SHEET**

	2008-09 Budget	2008-09 Est. Actual	2009-10 Adopted
Beginning Balance, July 1	\$261,033	(\$705,552)	(\$1,968,492)
Revenues			
Basic Service (incl Local Orig.)	5,114,899	4,816,886	4,866,945
Internet Service Fees	1,958,269	2,027,562	2,196,413
Premium Channels	645,660	649,319	770,040
Digital Service	1,126,913	1,083,118	1,529,064
Pay-Per-View	82,458	89,213	163,762
Video On Demand (VOD)	83,414	93,952	113,811
International Programming	76,260	113,633	126,244
Pass-Through Fees	394,804	364,471	408,386
Voice Service	326,682	235,050	340,143
Wi-Fi Service	2,133	0	2,133
Fiber Leasing	17,000	19,252	28,752
TV Guide Magazine	6,228	5,445	5,580
Voice Taxes and Fees	41,250	25,987	44,568
Other Receipts	314,728	320,522	227,783
Interest Income	0	0	0
Total Revenues	10,190,698	9,844,410	10,823,624
Expenses			
Operating Expenses	7,406,054	7,483,816	8,201,662
Local Origination Expenses	188,327	197,919	175,740
Debt Service	446,400	412,982	412,982
In-Lieu Franchise Fees	470,834	455,437	515,379
Copyright and VOIP fees	63,532	46,323	64,510
Equity Earnings Transfer	941,669	910,873	1,037,067
Capital Improvement Program Expenses	958,167	1,600,000	558,270
Equipment Reserve Purchases	0	0	0
Total Expenses	10,474,983	11,107,350	10,965,610
Operating Surplus (Deficit)	(284,285)	(1,262,940)	(141,986)
Non-Operating Transfers: Equipment Reserve			
Transfer Out from Operations	84,000	109,000	805,121*
Transfer In to Equipment Reserve	(84,000)	(109,000)	(805,121)
Non-Operating Surplus (Deficit)	0	0	0
Ending Balance, June 30	(\$23,252)	(\$1,968,492)	(\$2,110,478)

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OPERATIONS
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CABLE TELEVISION - OPERATIONS & LOCAL ORIGINATION DIVISIONS

San Bruno Cable Television Department delivers a full suite of value oriented broadband services including Digital Cable Television, High Definition Television, Video on Demand, Digital Video Recorders, Local Origination, High Speed Internet, and Digital Phone Services over a state-of-the-art cable plant while providing excellent customer care and service.

PROGRAMS

The Cable Television Department is responsible for managing San Bruno Cable, an enterprise of the City of San Bruno, and the Local Origination Division, which operates San Bruno Cable Channel 1. San Bruno Cable delivers a full suite of broadband video, data and voice services through a state-of-the-art all-digital cable network consisting of over 100 miles of fiber and coaxial cable plant. As of May 21, 2009, San Bruno Cable served 9,303 Limited Basic Cable, 8,609 Expanded Basic, 3,532 DigiBasic, 3,060 High Definition, 5,263 High Speed Internet, and 803 Digital Phone customers. Of the 9,303 Limited Basic Cable customers, 318 receive a 25% low-income discount on the Limited Basic Cable service tier. Since June 30, 2008, despite losing 394 units of basic cable customers, San Bruno Cable has added 1,824 units in other key revenue generating services such as Internet, High Definition, Phone and Digital Video Recorder. The continuation of the Bundle & Save campaign, the bundled offer of Digital Basic, High Speed Internet and Digital Phone services for \$99, through the 2008-09 fiscal year has provided customers not only a great value, but an incentive to stick with San Bruno Cable. There are 794 or 8.5% of total customers taking advantage of the bundled service offerings.

The Department's work program consists of the following:

- **CUSTOMER SERVICE/SUPPORT**

The Department strives to attain excellence in customer service through the employment of tenured and seasoned customer service personnel and field technicians, delivery of 24/7 Internet and digital phone technical support service, information website, support via e-mail, and on-line bill presentation and payment option for subscribers.

- **STATE OF THE ART DELIVERY SYSTEM**

The Department maintains the cable system in compliance with Federal Communication Commission (FCC) regulations, and implements the latest advancements in cable technology to ensure not only a high level of service, but to provide the community with a broad choice of broadband services. With the completion of the set-top box deployment and the transition to all-digital in October 2008, 100% of cable customers enjoy digital quality audio and video for their cable television service.

- **CABLE TELEVISION PROGRAMMING SERVICES**

The cable television service is offered in three key product tiers: Limited Basic, Expanded Basic and Digital Basic. In addition to these three key product tiers, a High Definition Television programming tier, foreign language programming services, and premium movie channel programming services are available on an a la Carte or packaged basis. San Bruno Cable currently offers 361 channels of cable television programming. All customers have access to free Video on Demand service, and to standard pay-per-view and on-demand pay-per-view services through their digital set-top boxes. Premium movie channel subscribers have access to Premium Video on Demand content. Digital Video Recorders are also available as an ancillary service.

- **HIGH SPEED INTERNET SERVICE**
San Bruno Cable offers High Speed Internet Service with a maximum downstream speed of up to 16 Mbps and upstream speeds of 1.5 Mbps with a maximum bandwidth usage cap of 150 GB.
- **WIRELESS INTERNET SERVICE (Wi-Fi)**
San Bruno Cable offers free Wi-Fi Service at the Shops at Tanforan and certain City facilities.
- **VOICE OVER INTERNET PROTOCOL SERVICE (VOIP)**
San Bruno Cable offers a residential digital phone service comprising of unlimited local calling, unlimited domestic long distance, unlimited international calling to over 20 countries that are included in the plan, and a standard set of calling features such as voice mail, caller ID, call waiting and call forwarding among others. International calling to hundreds of other countries is also available at very low per minute calling rates. San Bruno Cable is exploring opportunities to provide the service to local businesses.
- **FIBER OPTIC CABLE LEASING/METRO ETHERNET SERVICE**
San Bruno Cable owns a large quantity of fiber optic cable, which is available for leasing for limited durations. The fiber inventory provides San Bruno Cable the opportunity to offer point-to-point connectivity service and dedicated, high bandwidth Ethernet services.
- **LOCAL ORIGINATION PROGRAMMING**
The Local Origination Division of the Cable Department is responsible for managing the activities of San Bruno Cable Channel 1. A Programming and Technology Manager, assisted by temporary part-time staff, handles the day-to-day operations and produces, directs, shoots and airs locally originated content. The programming content on San Bruno Channel 1 includes San Bruno City Council Meetings, City Commission Meetings, School Board Meetings, High School sporting events, coverage of local festivities, and programs promoting the services of the City such as Senior Moments, Story Time and Pulse of San Bruno. Channel 1 also accepts and posts public service announcements and personal messages.

PRIORITY FOCUS

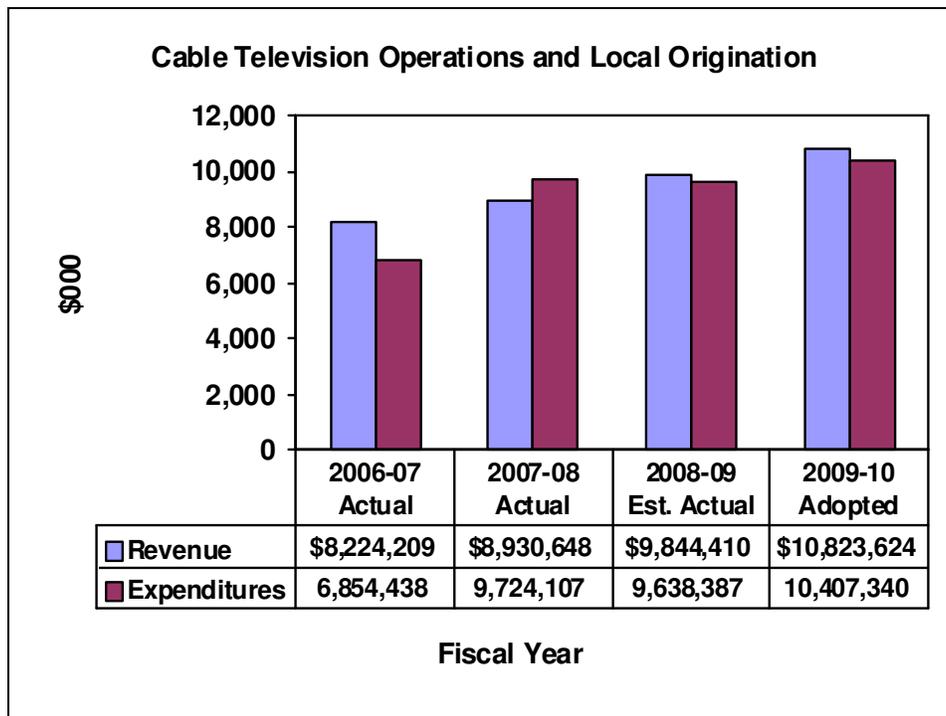
During FY 2009-10, the Cable Department will primarily focus on promotional activities to drive basic subscriber growth while continuing to focus on infrastructure improvements, expansion of products and services, and on enhancing customer experience and service. The Department will pursue the following key business strategies:

- **PROMOTION OF COMPANY AND SERVICES**
Marketing campaign will be developed to promote the unique position of San Bruno Cable as the local, municipally owned, premier choice for cable television, Internet and telephone services. As a municipal cable operator, the primary focus is to ensure the best interest and provide the highest level of service to customers.
- **COMMERCIAL SERVICES**
Opportunities to serve the local business community with video, data and phone service will be explored.

- **CUSTOMER CARE AND SERVICE**
Deliver the highest level of after-hours technical support and customers service.
- **INFRASTRUCTURE IMPROVEMENTS**
Routers and switches for the Internet service will be enhanced to take advantage of commercial service opportunities. HITS delivery of cable networks will be discontinued for direct satellite feeds from the network eliminating recurring payments that are increasing with growth in subscription. Increase Video on Demand storage capacity to offer more free on demand content.

PROGRAM RESOURCES

In 2009-10, the Cable Department is expected to generate \$10,823,624 in revenues and incur expenditures in the amount of \$10,407,340.



REVENUES

The 2009-10 revenue budget is based on rate increase effective August 1, 2009 on the following services: (a) 8.5% increase on Basic Cable; (b) 10% increase on Bulk Basic service and 16% increase on Bulk HBO; (c) \$2 increase on the a la carte rate of each of the six (6) premium services; (d) \$5 increase on each of the three High Speed Internet service tiers; and (e) the continuation of the 20% discount on the Triple Play bundled package.

The Local Origination Division Fund is funded by an allocation from the Cable Operating Fund. Per City Council action, a monthly per subscriber fee allocation is made at a rate of \$1.25 per Basic Cable subscriber per month from Cable Operations to Local Origination. This rate has not been increased for several years and is no longer sufficient to cover the cost of the Local Origination operation. Through City Council action, this allocation rate should be increased to \$1.50 per subscriber per month to cover

the Local Origination operating costs. An allocation rate of \$1.50 will generate approximately \$163,815 in revenue for Local Origination.

Revenues	2006-07 Actual	2007-08 Actual	2008-09 Est. Actual	2009-10 Adopted
Basic Service (incl Local Orig.)	\$4,862,240	\$4,831,573	\$4,816,886	\$4,866,945
Internet Service Fees	1,573,813	1,712,538	2,027,562	2,196,413
Premium Channels	646,560	649,964	649,319	770,040
Digital Service	415,024	709,206	1,083,118	1,529,064
Pay-Per-View	64,776	57,430	89,213	163,762
Video On Demand (VOD)	28,046	66,278	93,952	113,811
International Programming	66,090	54,198	113,633	126,244
Pass-Through Fees	336,240	352,915	364,471	408,386
Voice Service	-	46,446	235,050	340,143
Wi-Fi Service	-	-	-	2,133
Fiber Leasing	-	14,730	19,252	28,752
TV Guide Magazine	-	-	5,445	5,580
Voice Taxes and Fees	-	-	25,987	44,568
Other Receipts	231,420	435,368	320,522	227,783
Total Revenues	\$8,224,209	\$8,930,648	\$9,844,410	\$10,823,624

EXPENDITURES

Many costs are increasing in 2009-10. The following is a summary of areas with significant cost increases over the preceding fiscal year.

- Programming costs are expected to dramatically increase as a result of a significantly large rate increase of over 130% implemented by Comcast SportsNet for the carriage of Comcast SportsNet Bay Area and Comcast SportsNet California. Other programming costs are also increasing on average by 7.5%.
- At this time, all retransmission consent agreements have been negotiated with the exception of KOFY and Univision Communications, Inc. San Bruno Cable dropped KOFY on December 31, 2008 as ordered by the station. Negotiations with Univision are on going and expected to be completed within the first quarter of 2009-10. All agreements completed to date were reached without any direct cash payment for the broadcast signal. The next retransmission consent agreement renewal will be with KPIX, the local CBS station, which is not until December of 2010.
- The principal and interest payment on the 5-year GE Capital note to finance the purchase of digital set-top boxes is \$412,982. This payment will be 3rd on the 5-year payment schedule. Based on the current fiscal position, the note will not be repaid in advance as initially anticipated.
- Many of the annual support and maintenance costs that were deferred due to product warranty at the time of purchase for Video on Demand server equipment, set-top box addressability equipment, and video streaming equipment will take effect in 2009-10 resulting in an increase of approximately \$60,000 in the maintenance account.

- As the number of over-the-counter and on-line bankcard payments increase, the annual cost for this service is now in excess of \$50,000. Today, over 20% of the revenue is collected as a bankcard payment. Despite the rising cost, the electronic bill presentation and collection option not only provides for a more efficient collection process, but also provides customers with a choice.
- The department will focus on customer acquisition and retention through focused marketing efforts and targeted advertising. The costs for these initiatives are estimated at \$55,000. The Bundle & Save Campaign carried out over the last fiscal year has proved successful generating over 800 Digital Phone Service customers.

Expenditures	2006-07 Actual	2007-08 Actual	2008-09 Est. Actual	2009-10 Adopted
CATV Operations	\$6,830,177	\$9,648,683	\$9,524,468	\$11,036,721
Local Origination	108,261	159,424	222,919	175,740
Transfer to Eqpt. Reserves	(84,000)	(84,000)	(109,000)	(805,121)
Total Expenditures	\$6,854,438	\$9,724,107	\$9,638,387	\$10,407,340

PERSONNEL
Personnel Summary

The Cable Department is comprised of 23 tenured, knowledgeable, highly capable and dedicated employees. Each employee understands the competitive nature of the cable television business and is positioned to provide the highest level of customer service and to maintain an efficient and viable municipal cable system.

Cable Television Department Classification	Cable Enterprise		Internal Service	Total
	Operations	Local Origination	Technology Support	
CATV Director	0.85	0.15	0.00	1.00
System Engineer	1.00	0.00	0.00	1.00
Business Manager	1.00	0.00	0.00	1.00
Programming & Technology Mgr	0.00	1.00	0.00	1.00
Info. Tech. Analyst I/II	0.00	0.00	1.00	1.00
Computer Support Tech.	0.00	0.00	2.00	2.00
CATV Field Supervisor	1.00	0.00	0.00	1.00
CATV Technician III	3.00	0.00	0.00	3.00
CATV Technician I/II	6.00	0.00	0.00	6.00
Warehouse Clerk	1.00	0.00	0.00	1.00
Acct. & Cust. Serv. Supervisor	1.00	0.00	0.00	1.00
Acct. & Cust. Serv. Rep. III	1.00	0.00	0.00	1.00
Acct. & Cust. Serv. Rep I/II	3.00	0.00	0.00	3.00
Total	18.85	1.15	3.00	23.00

2008-09 ACCOMPLISHMENTS

- ✓ Completed conversion to an all-digital system in October 2008 and regained nearly 500 MHz of system capacity.
- ✓ Converted the cable system from National Access Service - Regional Access Control (NAS-RAC) to Local Control by deploying a local Digital Access Control (DAC) system and eliminated reliance on contractor reducing annual support cost by over \$70,000.
- ✓ Expanded Video on Demand streaming capacity to 1,000 streams to meet the streaming requests from over 25,000 digital set-top boxes that are deployed.
- ✓ Extended cable plant to new development at the Merimont subdivision.
- ✓ Increased upstream speeds for High Speed Internet Tiers I, II and III to 512Kbps, 768 Kbps, and 1.5 Mbps, respectively, and downstream speeds for Tiers I, II and III to 12 Mbps, 12 Mbps, and 16 Mbps respectively.
- ✓ Established Internet bandwidth usage maximums for Tier I, II and III of 50Gb, 100GB and 150GB, respectively, and implemented a surcharge of \$0.25 per GB for bandwidth used in excess of the tier maximums.
- ✓ Relocated San Bruno Cable Channel 11 to Channel 1 and expanded programming to include Senior Moments, Story Time, Pulse of San Bruno and number of other live airing and re-airing of City meetings and events.
- ✓ A total of 123 new channels were added in all product tiers as follows:

Expanded Basic	2
DigiStar Basic	9
International	7
Broadcast SD/HD	2
HD Basic	32
HD Plus	1
HD Premium	7
Canales Pack	36
Sports Subscription	27
Total	123

- ✓ As of May 21, 2009, excluding the loss of 394 Basic Service units, 1,824 other new key Revenue Generating Units were added.

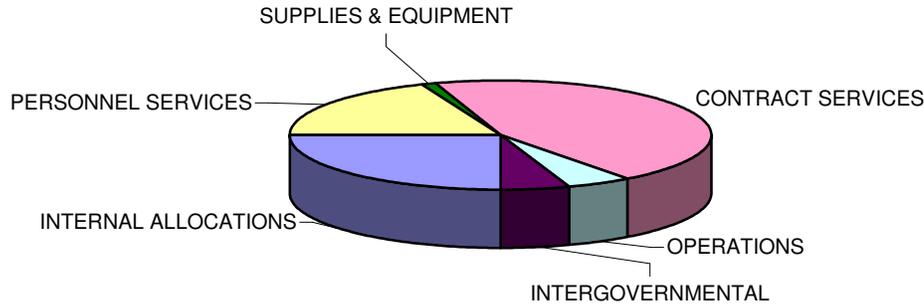
2009-10 GOALS & OBJECTIVES

- ❑ Explore opportunities to deliver commercial data and voice services.
- ❑ Continue the growth in Revenue Generating Units and Average Revenue Per Unit.
- ❑ Extend cable plant to new development.
- ❑ Increase bandwidth caps on all three Internet Service tiers as follows: Tier I from 50 GB to 200 GB; Tier II from 100 GB to 350 GB; and Tier III from 150 GB to 500 GB.
- ❑ Expand Wi-Fi service to high-traffic business corridors of the City.
- ❑ Continue to improve and expand programming on San Bruno Cable Channel 1.
- ❑ Research and add a variety of standard definition, High Definition, sports and foreign language programming, and Video on Demand content.
- ❑ Improve after-hours customers support for Cable related service issues.

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Cable Television Department - Operations

2009-10 Adopted Budget



	2009-10 ADOPTED	PERCENT OF TOTAL
PERSONNEL SERVICES	\$2,075,576	19%
SUPPLIES & EQUIPMENT	143,115	1%
CONTRACT SERVICES	4,933,095	45%
OPERATIONS	534,923	5%
INTERGOVERNMENTAL	597,267	5%
INTERNAL ALLOCATIONS	2,752,745	25%
GRAND TOTAL	\$11,036,721	100%

PERSONNEL SERVICES	ADOPTED BUDGET	DESCRIPTION
5101 REGULAR SALARIES	\$1,447,677	Base salary and incentives for all department personnel, working a minimum of 80 hours per pay period. Subject to benefits per applicable MOUs.
5105 OVERTIME	72,500	Overtime pay in accordance with the applicable MOU. Overtime pay is only subject to Medicare and FICA employer contributions, when applicable.
5200 EMPLOYEE BENEFITS	555,399	City's cost of CalPERS pension, Medicare, FICA where applicable, deferred compensation match, health & welfare insurance, life insurance, long-term disability insurance, management leave buyout, pay in-lieu of holidays.
SUBTOTAL FOR PERSONNEL SERVICES	\$2,075,576	

SUPPLIES & EQUIPMENT		ADOPTED BUDGET	DESCRIPTION
6001	OFFICE SUPPLIES	\$10,500	Purchase of office supplies for the delivery of services to customers.
6101	GAS & OIL	15,500	Allocation of fuel used by Cable division's vehicles.
6102	OPERATING SUPPLIES	45,000	Uniforms for cable employees, (\$5,000); Field supplies for installation of services, (\$40,000).
6204	SUPPLIES & EQUIPMENT	12,995	Electronic maintenance and repairs of plant, converters, office equipment and headend equipment, (\$9,000); Replacement of old office furniture, (\$3,500); Copier maintenance, (\$495).
6650	TOOLS & EQUIPMENT - \$25K	59,120	Tool replacements, (\$8,320); 80 deep cycle batteries for power supplies, (\$13,000); QAM upstream analyzers, (\$6,000); Genesis power supply upgrade unit, (\$7,000); IneoQuest NMS with 4 cricket hand held devices, (\$6,400); Unity digital receiver, (\$1,500); UHF antennas, (\$1,500); Cisco Wi-Fi antennas, (\$5,400); Tower maintenance, (\$10,000).
SUBTOTAL FOR SUPPLIES & EQUIPMENT		\$143,115	

CONTRACT SERVICES		ADOPTED BUDGET	DESCRIPTION
6402	LEGAL SERVICES	\$15,000	Legal reviews of contract renewals and new service contracts.
6411	CONTRACTUAL SERVICES	4,283,540	Standard Pay Per View, (\$47,480); Video on Demand (VOD) Pay Per View, (\$57,818); National Cable Television Cooperative (NCTC) programming license fees, (\$2,798,486); Direct affiliation programming license fees, (\$1,374,477); TV Guide Magazine, (\$5,279).
6412	INTERNET SERVICE FEES	566,200	Internet service provider: XO Communications Ethernet IP circuit, (\$82,800); New Ethernet IP circuit, (\$82,800); Internet, Phone and Cable technical support services, (\$223,062); Momentum Telecom fully hosted VOIP service, (\$171,058); Wi-Fi service, (\$630); ARIN IP address lease fee, (\$2,250); CALEA compliance, (\$3,600).
6419	OTHER SERVICES	68,355	Credit card and ACH fees, (\$51,600); Bill presentation, (\$12,000); Security alarm service, (\$1,200); PPV processing fees, (\$2,880); Document shredding service, (\$600); HBO guides for hotels/motels, (\$75).
SUBTOTAL FOR CONTRACT SERVICES		\$4,933,095	

OPERATIONS		ADOPTED BUDGET	DESCRIPTION
6112	POSTAGE	\$55,000	Allocation of postage required by department operations for outside correspondence including regular, certified, return receipt, and express/overnight mail.
6304	OFFICE EQUIPMENT MAINTENANCE	122,072	Emergency alert system support, (\$550); Hunter equipment support, (\$3,722); Big band support, (\$7,500); Arris equipment support, (\$14,000); Enhanced Communications Incorporated (ETI) support, (\$4,500); Cable Modem Termination System (CMTS) support, (\$5,400); Great Lakes Data Systems annual billing software license, (\$17,000); Great Lakes Data System billing system support, (\$17,400); Motorola encryption equipment support, (\$5,000); Motorola Digital Access Controller (DAC) support, (\$35,000); RGB equipment support, (\$12,000).
6406	PROFESSIONAL DEVELOPMENT	2,500	Professional development in accordance with MOU.
6409	SPECIAL PROJECTS/ EVENTS	22,250	Contingency for miscellaneous repair and maintenance work of plant, satellite dishes or headend emergencies, (\$22,000); Staff recognition, (\$250.)
6450	COMMUNICATIONS	20,789	Internal allocation of 7 dedicated fax and data lines, office telephone charges and 14 mobile phones, pagers and radios.
6502	COMMUNITY PROMOTION	55,000	Marketing, promotions using direct mail, bill inserts, bill messaging, internet, print and video advertisements, (\$50,000); Contributions to local organizations to support youth sports leagues, non-profit organizations, event sponsorships such Operation Clean Sweep, Autumn Fest, San Bruno Business Expo, etc., (\$5,000).
6531	UTILITIES	132,000	Water and garbage fees, (\$3,640); Electric service for Cable headend, office, warehouse, and 24 field power supply units, (\$128,360).
6601	RENTAL & LEASES	65,000	Utility pole rental fees, (\$17,000); Interconnect fees to import broadcast and Comcast SportsNet High Definition video feeds, (\$48,000).
6701	DUES & MEMBERSHIPS	6,712	Society of Cable Television Engineers, (\$952); San Bruno Chamber of Commerce annual membership, (\$150); ASCAP/BMI music license fees, (\$875); California Cable Telecommunications Associations, (\$4,660); SCAN-NATOA annual membership, (\$75).
6702	PUBLICATIONS & SUBSCRIPTIONS	500	Subscriptions to Cable Fax, Cable World, Multichannel News.
6703	TRAVEL/VEHICLE USE	100	Reimbursement for business use of personal vehicles.

Operations (Cont.)

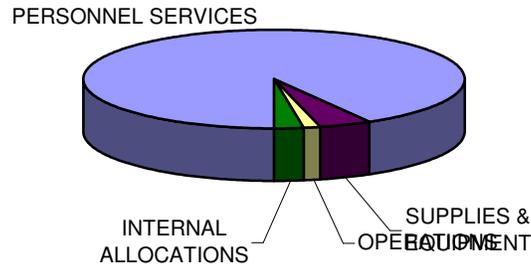
6704	MEETINGS/ CONFERENCES	3,000	National Cable Television Association Cable Show.
6919	BAD DEBT EXPENSE	50,000	Write-off of bad debt and uncollectible accounts.

SUBTOTAL FOR OPERATIONS	\$534,923
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INTERGOVERNMENTAL	ADOPTED BUDGET	DESCRIPTION
7063	\$579,889	CITY TAXES & FEES In-Lieu Franchise Fee, (\$515,379); Copyright Fees, (\$19,942); VOIP Taxes & Fees, (\$44,568).
7069	17,378	INTERGOVERNMENTAL - OTHER SAMCAT annual dues, (\$2,000); SAMCAT PenTV dues, (\$14,250); LAFCO share, (1,128).
SUBTOTAL FOR INTERGOVERNMENTAL	\$597,267	

INTERNAL ALLOCATIONS	ADOPTED BUDGET	DESCRIPTION
7901	\$191,367	OTHER INTERNAL SERVICE ALLOC. Self-Insurance Allocation, (\$67,516); Building Facilities Allocation, (\$38,815); Technology Allocation, (\$48,903); Central Garage Allocation, (\$36,133).
7902	298,332	GENERAL ADMIN. ALLOC. General Administration Allocation, (\$252,484); Revenue Services Allocation for processing of daily transactions and deposits, (\$45,848).
8926	1,037,067	CATV EQUITY EARN.TRANSF. Equity earnings transfer.
9001	359,069	PRINCIPAL PAYMENT ON DEBT Principal payment on financing of set-top box purchase.
9002	53,913	INTEREST PAYMENT ON DEBT Interest payment on financing of set-top box purchase.
9079	805,121	TRANSFER TO EQPT. RESERVES Allocation of reserve funding to provide for replacement of capital assets at the end of their useful lives.
9096	7,876	ENERGY DEBT ALLOC. Allocation of lease-purchase debt service for improved energy efficiency at City buildings and facilities.
SUBTOTAL INTERNAL ALLOCATION	\$2,752,745	
GRAND TOTAL	\$11,036,721	

Cable Television Department - Local Origination 2009-10 Adopted Budget



	2009-10 ADOPTED	PERCENT OF TOTAL
PERSONNEL SERVICES	\$160,979	92%
SUPPLIES & EQUIPMENT	7,750	4%
OPERATIONS	2,700	2%
INTERNAL ALLOCATIONS	4,311	2%
GRAND TOTAL	\$175,740	100%

PERSONNEL SERVICES	ADOPTED BUDGET	DESCRIPTION
5101 REGULAR SALARIES	\$116,377	Base salary and incentives for all department personnel, working a minimum of 80 hours per pay period. Subject to benefits per applicable MOUs.
5102 PART-TIME SALARIES	8,000	Base salary for temporary employees working fewer than 980 hours per fiscal year. Employees in this category are exempt from all benefits.
5200 EMPLOYEE BENEFITS	36,602	City's cost of CalPERS pension, Medicare, FICA where applicable, deferred compensation match, health & welfare insurance, life insurance, long-term disability insurance, management leave buyout, pay in-lieu of holidays.
SUBTOTAL FOR PERSONNEL SERVICES	\$160,979	

SUPPLIES & EQUIPMENT	ADOPTED BUDGET	DESCRIPTION
6102 OPERATING SUPPLIES	\$750	Replacement parts for audio visual equipment.

Supplies & Equipment (Cont.)

6204	EQUIPMENT & SUPPLIES	1,000	Maintenance of audio and visual equipment.
6650	TOOLS & EQUIPMENT	6,000	Field audio mixer, (\$1,550); Music library, (\$300); Brightline lighting units, (\$2,000); Photoshop CS3 Extended, (\$1,000); C Stands and sandbags, (\$500); Wide angle adapter, (\$500); 11X15 green screen material, (\$150).
SUBTOTAL FOR SUPPLIES & EQUIPMENT		\$7,750	

	OPERATIONS	ADOPTED BUDGET	DESCRIPTION
6405	STAFF TRAINING	\$500	Technical training for employees.
6406	PROFESSIONAL DEVELOPMENT	500	Professional development in accordance with MOU.
6450	COMMUNICATIONS	400	Internal allocation of mobile phone, fax and data lines, and telephone local and long distance charges.
6502	COMMUNITY PROMOTION	1,000	Submission fees to Telly Awards, CMAT Awards and Communicator Awards, (\$500); Miscellaneous program development costs, (\$500).
6701	DUES & MEMBERSHIPS	300	Alliance for Community Media and National Association of Television Program Executives (NAPTE) Membership.
SUBTOTAL FOR OPERATIONS		\$2,700	

	INTERNAL ALLOCATIONS	ADOPTED BUDGET	DESCRIPTION
7901	OTHER INTERNAL SERVICE ALLOC.	\$4,311	Self-Insurance Allocation.
SUBTOTAL FOR		\$4,311	
GRAND TOTAL		\$175,740	



CAPITAL PROJECTS
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2009-14 CABLE TELEVISION SYSTEM REPLACEMENT FUND

The Cable Television System Replacement Fund is a capital reserve account of the Cable Operating Fund that provides funding for major system maintenance, improvements and replacement projects. Some of the major projects funded by the System Replacement Fund include the 750 MHz plant upgrade and the deployment of Video-on-Demand, High Definition, High Speed Internet services, Motorola Digital Access Controller (DAC), HD and STD channel additions and digital simulcast conversion completed in 2006-07.

PROJECTS IN THE 2009-14 WORK PLAN

- Cable Plant Enhancements
- Digital Set-Top Boxes
- EMTAs
- Multi-Family Building Rewiring
- New Production Vehicle/Equipment
- Production TV Studio
- Tektronix 8VSB QAM Analyzer

PROJECTS REMOVED FROM BUDGET

- Return Path Monitoring System (deleted)
- Sutro Tower District Feed (deleted)

**CABLE CAPITAL 2009-14 WORK PROGRAM
Funding Summary**

Project	Total Project Cost	Prior Years Funding	2009-14					Unidentified Funding Year
			2009-10	2010-11	2011-12	2012-13	2013-14	
Cable Capital								
Cable Plant Enhancements	2,273,223	1,994,825	278,398	0	0	0	0	0
Digital Set-Top Boxes	1,200,000	0	0	300,000	300,000	300,000	300,000	0
EMTAs	240,000	0	0	60,000	60,000	60,000	60,000	0
Multi-Family Building Rewiring	442,500	0	0	0	147,500	147,500	147,500	0
New Production Vehicle/Equipment	120,000	0	0	120,000	0	0	0	0
Production TV Studio	120,000	0	0	0	0	0	0	120,000
Tektronix 8VSB QAM Analyzer	25,000	0	0	25,000	0	0	0	0
Total	\$4,420,723	\$1,994,825	\$278,398	\$505,000	\$507,500	\$507,500	\$507,500	\$120,000

CABLE PLANT ENHANCEMENTS

PROJECT DESCRIPTION: This project includes four items. (1) Commercial services equipment including routers and switches. (2) Cable set-top boxes: 400 units of HD DVR set-top boxes, 300 units of HD set-top boxes, 72 units of SD DVR set-top boxes, and 1,200 units of universal remote controls. (3) 100 units of cable modems and 400 units of digital phone voice adapters. (4) 100 units of interdiction modules. (5) Channel addition equipment for new digital broadcast stations. (6) Receivers and other related equipment to transition cable system from HITS programming to direct satellite feeds for DigiBasic and Premium channels. (7) Increase VOD server capacity to 5,000 hours.

PROJECT NUMBER: 84425

PROJECT MANAGER: CATV System Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: The cable plant enhancements project enables the Department to meet customer demands for new services, ensures a higher level of service for customers, and reduces/eliminates monthly recurring costs.

LIFE EXPECTANCY: 10 years

2008-09 STATUS: Digital set-top box, cable modems and remote controls and phone adapters have been purchased. The system has been prepared for the broadcast transition to all digital slated for June 2009. The channel additions have been completed. The air conditioners and uninterruptible power supplies have been replaced, and the old gas generator was reconditioned and put in service. The Video on Demand system has been upgraded to handle up to 1,000 simultaneous video streams to meet the requests from over 25,000 digital set-top boxes in customer homes. The conversion from National Access System Regional Access Control (NAS RAC) service to local Digital Access Controller (DAC) has been completed.

2009-10 WORK PLAN: Set-top boxes, cable modems and digital phone adapters will be purchased on an as needed basis to replenish inventory and meet the subscriber growth projections. The transition from HITS to direct feeds will be started and completed during the first quarter. This conversion will result in the elimination of approximately \$36,000 in recurring costs. Channel additions will be carried out as the deals are completed or broadcast multicast stations are launched. The interdiction modules will be purchased to replenish inventory.

PROJECTED COMPLETION DATE: June 2010

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Future Years	Total Appropriations
Cable System Rep.	\$1,994,825	\$279,872	\$278,398	\$0	\$2,273,223
Total	\$1,994,825	\$279,872	\$278,398	\$0	\$2,273,223

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Future Years	Total Expenditures
4251: Equipment	\$114,953	\$1,600,000	\$558,270	\$0	\$2,273,223
Total	\$114,953	\$1,600,000	\$558,270	\$0	\$2,273,223

ONGOING FINANCIAL IMPACT: Inventory will be replenished annually.

Digital Set-top Boxes

PROJECT DESCRIPTION: This project provides for the purchase of standard, HD (high definition), and HD/DVR (high definition/digital video recorder) set-top boxes in future years through 2012.

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: CATV System Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Digital Cable service was launched to enhance consumer choice and maintain competitiveness of the City's services. The inventory of standard, HD and HD/DVR boxes will allow the City to continue to grow the customer base of Digital Cable services.

LIFE EXPECTANCY: 10 years

PROJECTED PROJECT START DATE: July 2010

PROJECTED PROJECT COMPLETION DATE: June 2014

PROJECT-RELATED APPROPRIATIONS:

Funding Source	Total Project Cost	2010-11 Request	2011-12 Request	2012-13 Request	2013-14 Request
Equipment Replacement Fund	1,200,000	300,000	300,000	300,000	300,000
Total	\$1,200,000	\$300,000	\$300,000	\$300,000	\$300,000

ONGOING FINANCIAL IMPACT: The total project cost of \$1,200,000 represents set-top box purchases to be made over the next four fiscal years beyond 2009-10.

EMTAs

PROJECT DESCRIPTION: This project provides for the purchase of EMTAs (enhanced multi-media terminal adapters) in future years through 2014.

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: CATV System Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Digital Phone service was launched to enhance consumer choice and maintain competitiveness of the City's services. The inventory of EMTAs will allow the City to continue to grow the customer base for Digital Phone service.

LIFE EXPECTANCY: 10 years

PROJECTED PROJECT START DATE: July 2010

PROJECTED PROJECT COMPLETION DATE: June 2014

PROJECT-RELATED APPROPRIATIONS:

Funding Source	Total Project Cost	2010-11 Request	2011-12 Request	2012-13 Request	2013-14 Request
Equipment Replacement Fund	240,000	60,000	60,000	60,000	60,000
Total	\$240,000	\$60,000	\$60,000	\$60,000	\$60,000

ONGOING FINANCIAL IMPACT: The total project cost of \$240,000 represents EMTA purchases to be made over the next four fiscal years beyond 2009-10.

MULTI-FAMILY BUILDING REWIRING

PROJECT DESCRIPTION: Approximately 2,900 units of the total number of homes passed by the cable system are multi-dwelling units located at Crystal Springs Apartments, Shelter Creek Condominiums and Peninsula Place. These complexes were wired for video services over 20 year ago and do not meet today's industry specifications. The cabling needs to be replaced so that residents in these complexes are able to access the new services offered by the City. The project is sufficiently large to require outside contractor assistance. Construction costs are estimated at \$150 per unit based on the current market rate. The project is expected to take 3 years to complete.

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: CATV System Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: This project will enable every household to have access to all the City cable services.

LIFE EXPECTANCY: 20 Years

PROJECTED PROJECT START DATE: July 2010

PROJECTED PROJECT COMPLETION DATE: June 2013

PROJECT-RELATED APPROPRIATIONS:

Funding Source	Total Project Cost	2010-11 Request	2011-12 Request	2012-13 Request
System Replacement Fund	442,500	147,500	147,500	147,500
Total	\$442,500	\$147,500	\$147,500	\$147,500

ONGOING FINANCIAL IMPACT: None

NEW PRODUCTION VEHICLE / EQUIPMENT

PROJECT DESCRIPTION: Replace aging remote video production trailer and equipment with a new remote video production van and equipment.

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: CATV Programming Technology Manager

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: The existing production trailer has been in service since 1997 having been used in the taping of over 265 events. The video equipment and vehicle is at the end of its useful life and need to be replaced to enable efficient and high quality remote productions of City events.

LIFE EXPECTANCY: 15 years vehicle / 10 years equipment

PROJECTED PROJECT START DATE: September 2010

PROJECTED PROJECT COMPLETION DATE: December 2010

PROJECT-RELATED APPROPRIATIONS:

Funding Source	Total Project Cost	2010-11 Request
Equipment Replacement Fund	120,000	120,000
Total	\$120,000	\$120,000

ONGOING FINANCIAL IMPACT: None

PRODUCTION TV STUDIO

PROJECT DESCRIPTION: This project will construct a permanent Production TV Studio facility with a control room and studio space, and equip it with lighting, cameras, sets, backdrops, audio and video mixing and other related equipment.

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: CATV Programming Technology Manager

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: The Production TV Studio will serve as the venue where local programming will be developed to promote the City and its services. The locally produced programming can be aired on San Bruno Cable Channel 11 or other public, educational and governmental channels. Staff will evaluate opportunities to include this production facility and capacity as part of programming for new library project.

LIFE EXPECTANCY: 15 years

PROJECTED PROJECT START DATE: Unidentified, to be coordinated with the New Library Project

PROJECTED PROJECT COMPLETION DATE: Unidentified, to be coordinated with the New Library Project

PROJECT-RELATED APPROPRIATIONS:

Funding Source	Total Project Cost	Unidentified Funding Years
Equipment	120,000	120,000
Replacement Fund		
Total	\$120,000	\$120,000

ONGOING FINANCIAL IMPACT: None

TEKTRONIX 8VSB QAM ANALYZER

PROJECT DESCRIPTION: This project provides for the purchase 8VSB QAM Analyzer, a field test equipment, to use in evaluating the quality of the terrestrial digital television off-air signals and critical radio frequencies for signal degradation before the customer notices any picture impairment.

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: CATV System Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Performing critical radio frequency measurements can help detect problems before viewers lose their services and pictures completely. The addition of an 8VSB MPEG-2 analyzer in the tool kit allows the Department to maintain a cleaner cable network that produces good quality signal.

LIFE EXPECTANCY: 7 Years

PROJECTED PROJECT START DATE: January 2011

PROJECTED PROJECT COMPLETION DATE: June 2011

PROJECT-RELATED APPROPRIATIONS:

Funding Source	Total Project Cost	2010-11 Request
System Replacement Fund	25,000	25,000
Total	\$25,000	\$25,000

ONGOING FINANCIAL IMPACT: None

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PARKS AND FACILITIES CAPITAL
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SUMMARIES
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2009-14 PARKS AND FACILITIES CAPITAL IMPROVEMENT PROGRAM

The Parks and Facilities Capital Fund provides for the improvement and development the City's facilities, infrastructure, and major equipment used to deliver services to the community, much of which is several decades old. At this time, no dedicated or ongoing revenue resource exists supporting the Parks and Facilities Capital Fund. Instead, funding for the Parks and Facilities Capital Fund comes from a variety of sources, including the General Fund, Park-in-Lieu Fund, Proposition 12 and 40 funds, and transfers from other City funds.

NEW PROJECTS

Diesel Storage Tank Replacement

PROJECTS IN THE 2009-14 WORK PLAN

Ballfield Replacement Project
City Gateways Project
Civic Center Painting Project
Community Facilities Master Plan
Corporation Yard Facilities Improvement Project
El Camino Real Phase I Medians and Pedestrian Improvements Project
Emergency Operations Center Modernization
Fire Station 51 Accessibility and Privacy Improvements
Fire Station 51 Replacement
Fire Station 52 Re-Roofing Project
Fire Station 52 Replacement
Fire Station 52 Seismic Evaluation
Groundwater Monitoring for Underground Storage Tanks
Library Facility Maintenance Program
Lions Field Renovation Project
New Corporation Yard Facility Project
New Library Project
New Swimming Pool Complex Project
Recreation Center Replacement Project
Senior Center Emergency Power Supply Generator
Senior Center Expansion Project
Street Median & Grand Boulevard Improvements Project
Wildland Fire Hazard Mitigation Program

PROJECTS REMOVED FROM BUDGET

City Park Tennis Court Resurfacing Project (completed)
Fire Station 51 Seismic Evaluation (completed)
Fire Station 52 Accessibility and Privacy Upgrades (completed)
Park Equipment Replacement Project (completed)
San Bruno Avenue Medians Improvement Project (completed)
Senior Center Interior and Exterior Repairs (completed)
Senior Center Partition Replacement Project (completed)

PARKS AND FACILITIES CAPITAL 2009-10 WORK PROGRAM FUNDING SUMMARY

Project	Carry-Over Appropriation	One-Time Revenue	RDA Capital	TOD Grant	State Library Fund	Community Development Block Grant	Developer Contributions	Total 2009-10 Funding Request
Ballfield Replacement Project	171,770	0	0	0	0	0		0
City Gateway Signs Project	91,983	0	0	0	0	0		0
Civic Center Painting Project	95,036	0	0	0	0	0		0
Community Facilities Master Plan	202,000	0	0	0	0	0		0
Corporation Yard Facilities Improvement Project	224,061	0	0	0	0	0		0
Diesel Storage Tank Replacement Project	0	130,000	0	0	0	0		130,000
El Camino Real Phase I Medians and Pedestrian Improvements Project	455,568	34,000	100,000	0	0	0		134,000
Emergency Operations Center Modernization	6,054	5,000	0	0	0	0		5,000
Fire Station 51 Accessibility and Privacy Improvements	87,337	12,663	0	0	0	0		12,663
Groundwater Monitoring for Underground Storage Tanks	-30,388	60,000	0	0	0	0		60,000
Library Facility Maintenance Program	11,775	0	0	0	30,000	50,000		80,000
Lions Field Renovation Project	95,024	0	0	0	0	0		0
Senior Center Emergency Power Supply Generator Project	10,774	0	0	0	0	0		0
Street Median & Grand Boulevard Improvements Project	684,941	0	180,000	754,000	0	0		934,000
Wildland Fire Hazard Mitigation Program	22,210	0	0	0	0	0		0
TOTAL	\$2,128,145	\$241,663	\$280,000	\$754,000	\$30,000	\$50,000	\$0	\$1,355,663

**PARKS AND FACILITIES CAPITAL IMPROVEMENT FUND
CASH SHEET**

	2008-09 Budget	2008-09 Est. Actual	2009-10 Adopted
Beginning Balance, July 1	\$1,433,139	\$1,270,823	\$1,719,350
Revenues			
Private Donations	17,366		
Prop 12	121,567		
Prop 40	329,262		
Other Revenues		1,479	
Transfers In			
Children Library Project Donation	184,704		
TOD Grant	679,472		754,000
Park-in-Lieu	60,300	60,300	
One-Time Revenue	488,637	284,637	241,663
Redevelopment Capital	381,826	381,826	280,000
SamTrans GBI Grant	282,000		
State Libray Grant Fund	390,000		30,000
Storage Tank Cleanup Fund	86,635		
Community Development Block Grant			50,000
Water Capital	83,709	83,709	
Stormwater Capital	83,709	83,709	
Total Revenues	3,189,187	895,660	1,355,663
Expenses			
Capital Improvement Program Expenses	4,158,481	447,133	3,075,013
Total Expenses	4,158,481	447,133	3,075,013
Ending Balance, June 30	\$463,845	\$1,719,350	\$0

PARKS AND FACILITIES CAPITAL 2009-14 WORK PROGRAM

Project	Total Project Cost	Prior Years Funding	Parks and Facilities Capital					Unidentified Funding Year
			2009-10	2010-11	2011-12	2012-13	2013-14	
Ballfield Replacement Project	173,700	173,700	0	0	0	0	0	0
City Gateway Signs Project	283,263	173,263	0	0	0	0	0	110,000
Civic Center Painting Project	114,339	114,339	0	0	0	0	0	0
Community Facilities Master Plan	204,000	204,000	0	0	0	0	0	0
Corporation Yard Facilities Improvement Project	247,418	247,418	0	0	0	0	0	0
Diesel Storage Tank Replacement Project	130,000	0	130,000	0	0	0	0	0
El Camino Real Phase I Medians and Pedestrian Improvements Project	705,006	571,006	134,000	0	0	0	0	0
Emergency Operations Center Modernization	83,550	78,550	5,000	0	0	0	0	0
Fire Station 51 Accessibility and Privacy Improvements	159,089	146,426	12,663	0	0	0	0	0
Fire Station 51 Replacement	7,000,000	0	0	0	0	0	0	7,000,000
Fire Station 52 Re-Roofing Project	40,000	0	0	40,000	0	0	0	0
Fire Station 52 Replacement	3,000,000	0	0	0	0	0	0	3,000,000
Fire Station 52 Seismic Evaluation	20,000	0	0	20,000	0	0	0	0
Groundwater Monitoring for Underground Storage Tanks	729,248	181,635	60,000	0	0	0	0	487,613
Library Facility Maintenance Program	2,400,000	200,000	80,000	0	0	0	0	2,120,000
Lions Field Renovation Project	104,300	104,300	0	0	0	0	0	0
New Corporation Yard Facility Project	5,500,000	0	0	0	0	0	0	5,500,000
New Library Project	45,000,000	0	0	0	0	0	0	45,000,000
New Swimming Pool Complex Project	4,400,000	0	0	0	0	0	0	4,400,000
Recreation Center Replacement Project	7,500,000	0	0	0	0	0	0	7,500,000
Senior Center Emergency Power Supply Generator Project	160,000	160,000	0	0	0	0	0	0
Senior Center Expansion Project	3,750,000	0	0	0	0	0	0	3,750,000
Street Median & Grand Boulevard Improvements Project	1,937,148	889,148	934,000	114,000	0	0	0	0
Wildland Fire Hazard Mitigation Program	600,000	80,000	0	0	0	0	0	520,000
TOTAL	\$84,241,061	\$3,323,785	\$1,355,663	\$174,000	\$0	\$0	\$0	\$79,387,613

CAPITAL PROJECTS
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BALLFIELD REPLACEMENT PROJECT

PROJECT DESCRIPTION: Addition of one baseball field including design, fencing & backstops, pathway, infield playing surface, three row bleachers, foul poles, pitching rubber, and home plate. Staff and Park and Recreation Commissioners are exploring options to determine a preferred location to construct the field.

PROJECT NUMBER: 83703

PROJECT MANAGER: City Engineer/Parks and Facilities Manager

DEPARTMENT: Public Services/Community Services

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: The objective of this project is to mitigate in part the loss of two baseball fields at Sandburg School and provides for much needed improvements at one of the City's most used sports facilities. The improvements will benefit numerous groups, teams and individuals in San Bruno.

LIFE EXPECTANCY: Ten (10) to fifteen (15) years, with minor improvements as required.

2008-09 STATUS: Though much of the project was put on hold due to funding restrictions, staff conducted collected information on city-owned properties to help determine which site would be most appropriate for a ball field.

2009-10 WORK PLAN: Work with the Parks and Recreation Commission to evaluate collected information and choose an appropriate site. Design and construction will take place in subsequent years.

PROJECTED COMPLETION DATE: Fall of 2013.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	2010-14 Requests	Total Appropriations
Park In Lieu Fund	173,700	171,700	0	0	173,700
Total	\$173,700	\$171,700	\$0	\$0	\$173,700

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	2010-14 Requests	Total Expenditures
0610: Design	0	2,000	5,000	0	7,000
0620: Construction	0	0	0	166,700	166,700
Total	\$0	\$2,000	\$5,000	\$166,700	\$173,700

ONGOING FINANCIAL IMPACT: The ongoing maintenance cost is not anticipated to exceed current funding levels.

CITY GATEWAYS PROJECT

PROJECT DESCRIPTION: The City Gateways Project consists of design and construction of new gateways at entrances to the City. Existing City gateway signage is deteriorated, lacks a coherent theme, and presents a poor first impression of the City. New gateways will feature coordinated landscape design, signage, and street furniture. Gateways within the Redevelopment Project Area include: Skyline Boulevard at San Bruno Avenue, El Camino Real at the northern and southern city limits, San Mateo Avenue at the northern city limit, and San Bruno Avenue at the eastern city limit.

The City Gateways project has been identified as a priority activity by the City’s Cultural and Arts Commission and the City Council. Redevelopment tax increment funds will be a major source of funding to design and construct City Gateways in the Redevelopment Project Area. However, a combination of funding will be considered.

PROJECT NUMBER: 83916

PROJECT MANAGER: Associate Engineer

DEPARTMENT: Public Services

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: The City Gateways Project will contribute to enhancing the appearance and identity of the City.

LIFE EXPECTANCY: Twenty (20) years.

2008-09 STATUS: Project has been delayed due to the length of time it took Caltrans to give grant approval for installation. Once approval was granted, released project for bidding.

2009-10 WORK PLAN: In conjunction with the El Camino Median Phase I and Pedestrian Improvements Project, install north and south signs.

PROJECTED COMPLETION DATE: December 2009 for the two El Camino Real gateways. The three additional signs will be purchased and installed in future years as funding allows.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Unidentified Funding Years	Total Appropriations
RDA Capital	90,505	9,225	0	110,000	200,505
Public Art Fund	72,758	72,758	0	0	72,758
Summerhill	10,000	10,000	0	0	10,000
Homes Donation					
Total	\$173,263	\$91,983	\$0	\$110,000	\$283,263

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Unidentified Funding Years	Total Expenditures
0620: Construction	23,601	57,679	91,983	110,000	283,263
Total	\$23,601	\$57,679	\$91,983	\$110,000	\$283,263

ONGOING FINANCIAL IMPACT: Future financial impacts following installation of signage will be the minimal cost of maintaining the signs and electrical lighting.

CIVIC CENTER PAINTING PROJECT

PROJECT DESCRIPTION: This project will provide an update to the exterior paint coating, signage and landscaping at City Hall, the Library and Fire Station 51. When complete, the revitalized exterior of the Civic Center will provide a unique statement and more unified appearance to the surrounding community.

PROJECT NUMBER: 83885

PROJECT MANAGER: Associate Engineer

DEPARTMENT: Public Services

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: These facilities were last painted over ten (10) years ago. The current paint is peeling and is inadequate to continue to provide protection from the elements. This is needed in order to maintain the integrity of the exterior of these older facilities. It will also enhance the appearance of these heavily utilized public facilities.

LIFE EXPECTANCY: The new paint coating is expected to last for 10 years

2008-09 STATUS: In Fall 2009, prepared plans and specifications and received bids. Though a large number of bids were received, staff was concerned that the lowest bidders underbid the project, making timely completion problematic. The City Council voted to reject all bids and directed staff to rework the contract documents to allow for a more thorough vetting of bidders.

2009-10 WORK PLAN: Execute contract and complete painting of the Civic Center.

PROJECTED COMPLETION DATE: November 2009

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Future Years	Total Appropriations
Facilities	50,000	30,697	0	0	50,000
Equipment Reserve					
One Time Revenue	64,339	64,339	0	0	64,339
Total	\$114,339	\$95,036	\$0	\$0	\$114,339

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Future Years	Total Expenditures
0610: Design	9,833	7,779	0	0	17,612
0620: Construction	0	1,691	95,036		96,727
Total	\$9,833	\$9,470	\$95,036	\$0	\$114,339

ONGOING FINANCIAL IMPACT: There will be minimal ongoing fiscal impact in maintaining the exterior paint at these facilities.

COMMUNITY FACILITIES MASTER PLAN

PROJECT DESCRIPTION: The Community Facilities Plan is a study of current and projected facility needs for selected City buildings and facilities. The purpose of the study is to gather information to assist City Council in determining facility needs, preparing budgets for facility improvements, and phasing for development. The selected facilities include City Hall, Fire Stations 51 & 52, Recreation Center, Aquatics Center, City Corporation Yard, Park Corporation Yard, Cable Television building, Senior Center, and Police Plaza. Planning will utilize services of structural, mechanical, electrical, swimming pool, design and construction cost professionals. In addition, material developed from previous studies for the Library will be incorporated in the recommendations. Funds are provided within the scope of work for economic analysis to ascertain if there is a higher or better use for the City-owned properties on El Camino Real.

PROJECT NUMBER: 83704

PROJECT MANAGER: City Engineer

DEPARTMENT: City Manager

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: The majority of City facilities are aging and in need of replacement or modernization. While studies have been done with respect to some individual facilities, there needs to be one comprehensive study that uses consistent criteria to evaluate all facilities as to their useful life and an assessment of current and future facility needs through 2025. This study would allow the City to position itself for future competitive funding opportunities, as they become available.

LIFE EXPECTANCY: The finished document should be useful as a planning tool through 2025.

2008-09 STATUS: Gathered data on existing facilities, including previous studies, drawings and as-built plans.

2009-10 WORK PLAN: Master planning process delayed until 2010-11. At that time, work will require the gathering of data on existing facilities. With this data and direction from the City Council, refine the scope of work to fit the allocated funding. Procure qualified consulting services through an RFP.

PROJECTED COMPLETION DATE: March 2011

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	2010-11 Request	Total Appropriations
One-Time Revenue	204,000	202,000	0	202,000	204,000
Total	\$204,000	\$202,000	\$0	\$202,000	204,000

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	2010-11 Request	Total Expenditures
0640: Study	0	2,000	0	202,000	204,000
Total	\$0	\$2,000	\$0	\$202,000	\$204,000

ONGOING FINANCIAL IMPACT: To be determined

CORPORATION YARD FACILITIES IMPROVEMENT PROJECT

PROJECT DESCRIPTION: The Corporation Yard does not currently have sufficient office space for managers and engineers within the Public Works Department to coordinate various ongoing operational and upcoming construction related efforts. Nor does it currently meet all ADA accessibility and gender-specific requirements. For example, the women’s bathroom does not have showers, nor are there gender-specific locker rooms. Dedicated meeting rooms are absent with general assembly areas doubling as the break/lunch areas with lockers around the room’s perimeter.

This project involves the assessment, planning, design and construction of office, exterior, and yard improvements. Physical work will include maintenance activities such as painting, HVAC adjustments, plumbing and electrical modifications, finishes rehabilitation, and similar minor work. Planning and design may include consideration of a modular building and will allow for the reconfiguration of existing space to address the building’s functional shortcomings.

PROJECT NUMBER: 84134

PROJECT MANAGER: Deputy Public Services Director

DEPARTMENT: Public Services

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Completion of this improvement project will create a better working environment, lead to higher staff efficiencies, and bring the facility up to standard.

LIFE EXPECTANCY: 20 years.

2008-09 STATUS: Completed design and plan check of lockers, showers, and bathroom areas for women and men, as well as the separation of the lunchroom from the locker area.

2009-10 WORK PLAN: Release project for bidding, award contract and complete construction.

PROJECTED COMPLETION DATE: April 2010

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Future Years	Total Appropriations
Water Capital	123,709	110,352	0	0	123,709
Wastewater Capital	40,000	30,000	0	0	40,000
Stormwater Capital	83,709	83,709	0	0	83,709
Total	\$247,418	\$224,061	\$0	\$0	\$247,418

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Future Years	Total Expenditures
0610: Design	5,918	17,439	0	0	23,357
0620: Construction	0	0	224,061	0	224,061
Total	\$5,918	\$17,439	\$224,061	\$0	\$247,418

ONGOING FINANCIAL IMPACT: By addressing the operational shortcomings of the existing Corporation Yard facility, the useful life of this aging facility can be extended.

DIESEL STORAGE TANK REPLACEMENT PROJECT

PROJECT DESCRIPTION: The project will remove a 4,000-gallon underground diesel fuel storage tank and install an aboveground 4,000-gallon tank in the same vicinity. During its last annual certification inspection, a small amount of water was found in between the tank’s two walls. While additional testing confirmed that there no diesel leaked into the space between the walls, mud was also found on the bottom of that interior space. This has led staff to believe the exterior portion of the tank is losing integrity. Given this information, the costly cleanup efforts that would be necessary if the tank failed and leaked fuel into the surrounding soil, and that—at 20 years old—the tank is no more than 10 years away from the end of it’s useful life, prudent action suggests that this tank be replaced within the year.

PROJECT NUMBER: 83709

PROJECT MANAGER: Associate Engineer

DEPARTMENT: Public Services

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: The City has already had an unfortunate experience with a leaking underground fuel tank. In 1999 a 10,000-gallon gasoline tank was removed and was found to have contaminated the surrounding soil. 10 years later staff is still monitoring the contamination and may have to perform additional mitigation at significant cost to the City. Removing the tank now will likely safe costly environmental cleanup in the future. Acquiring a new tank will also allow the City to consider making the switch to biodiesel. The existing underground tank is not certified to store and dispense biodiesel.

LIFE EXPECTANCY: 30 years.

2008-09 STATUS: No work.

2009-10 WORK PLAN: Prepare plans and specifications, award a construction contract and complete removal of old tank and installation of its aboveground replacement. Coordinate entire process with San Mateo County Environmental Health.

PROJECTED COMPLETION DATE: June 2010

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Future Years	Total Appropriations
One-Time Revenue	0	0	130,000	0	130,000
Total	\$0	\$0	\$130,000	\$0	\$130,000

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Future Years	Total Expenditures
0610: Design	0	0	5,000	0	5,000
0620: Construction	0	0	125,000	0	125,000
Total	\$0	\$0	\$130,000	\$0	\$130,000

ONGOING FINANCIAL IMPACT: Slightly reduced operating costs due to fewer regulatory requirements aboveground tanks.

EL CAMINO REAL PHASE I MEDIANS AND PEDESTRIAN IMPROVEMENTS PROJECT

PROJECT DESCRIPTION: Due to a dynamic funding environment and the need to expedite critical median improvements, this project includes five of the medians that were previously lumped with the Street Median and Grand Boulevard Improvements Project.

The new medians will include aesthetically pleasing vegetation watered with a low-flow drip irrigation system. In addition, this project will also provide countdown pedestrian signals with audible notification on all lighted intersections on El Camino Real as well as flashing warning lights alerting automotive traffic accessing I-380 to pedestrian traffic. Taken together, this project significantly advances the Grand Boulevard Concept for El Camino Real and was recently awarded funding from SamTrans.

PROJECT NUMBER: 83705

PROJECT MANAGER: Associate Engineer

DEPARTMENT: Public Services

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: The project will improve the overall aesthetic and identity of San Bruno, providing residents and visitors alike an attractive appearance along the City's main transportation corridor while simultaneously enhancing pedestrian safety.

LIFE EXPECTANCY: Twenty-five (25) years.

2008-09 STATUS: Approved MOU with Samtrans to receive grant funds. Though funding was awarded by SamTrans, grant and contract administration is done in coordination with Caltrans. Staff spent considerable time submitting the required documents to Caltrans and awaiting their approval before the project could be released for bidding. Final Caltrans approval was received first week of May 2009.

2009-10 WORK PLAN: Complete bidding process and award construction contract for median rehabilitation. Negotiate with Caltrans the installation of countdown pedestrian signals with audible notification and flashing warning lights on the I-380 ramps. Staff anticipates an agreement that will allow the City to purchase the material and have it installed by Caltrans personnel.

PROJECTED COMPLETION DATE: December 2009 for median rehabilitation. June 2010 for pedestrian improvements.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Future Years	Total Appropriations
Samtrans GBI Grant	282,000	282,000	0	0	282,000
RDA Capital	289,006	173,568	100,000	0	389,006
One Time Revenue	0	0	34,000	0	34,000
Total	\$571,006	\$455,568	\$134,000	\$0	\$705,006

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Future Years	Total Expenditures
0610: Design	102,103	13,335	0	0	115,438
0620: Construction	0	0	589,568	0	589,568
Total	\$102,103	\$13,335	\$589,568	\$0	\$705,006

ONGOING FINANCIAL IMPACT: The ongoing maintenance of these medians and those to be constructed on El Camino Real is estimated at \$20,000 annually beginning in 2010 when the construction

contractor's plant establishment period ends. Once completed, additional maintenance costs may need to be budgeted if the new landscape improvements are to be kept at a high level.

EMERGENCY OPERATIONS CENTER MODERNIZATION

PROJECT DESCRIPTION: This project will provide initial supplies for personnel operating in the EOC for extended periods. Typical operational periods in the EOC are from 12 to 24 hour shifts. Personnel may be unable to leave the premises during a disaster type event.

PROJECT NUMBER: 83663

PROJECT MANAGER: Fire Chief

DEPARTMENT: Fire

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Completion of this project will allow the City to operate more efficiently in the event of a major incident. The project will also meet mandated Federal and State requirements for disaster planning, mitigation, response and recovery.

LIFE EXPECTANCY: 25 years

2008-09 STATUS: Initial installation of work stations, communications room, maps, status boards, security door, and projection displays are complete.

2009-10 WORK PLAN: Make remaining purchases that include cots for extended operations, bottled water, food supplies, respiratory cone masks and other EOC supplies for city employees in the event of a disaster. Estimated cost to complete project is \$5,000.

PROJECTED COMPLETION DATE: December 2010

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Future Years	Total Appropriations
One-Time Revenue	78,550	6,054	5,000	0	83,550
Total	\$78,550	\$6,054	\$5,000	\$0	\$83,550

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Future Years	Total Expenditures
0620: Construction	57,988	14,508	11,054	0	83,550
Total	\$57,988	\$14,508	\$11,054	\$0	\$83,550

ONGOING FINANCIAL IMPACT: None

FIRE STATION 51 ACCESSIBILITY AND PRIVACY IMPROVEMENTS

PROJECT DESCRIPTION: This project will provide for ongoing maintenance and renovation of Fire Station 51, a building that is almost 50 years old. This specific tasks involved in this project are:

Provide hydraulic pumping and reel system for oil and fluids used in maintenance of apparatus in shop area.

Bathroom project to include: demolition and removal of existing shower and toilet stalls, removal of galvanized piping, installation of new shower and toilet stalls, installation of copper piping, installation of new sinks, faucets and shower heads, installation of ventilation fans, and painting of bathroom.

Complete design to remodel dormitory that will improve access to emergency exits, better utilize existing space to meet the needs of male and female firefighters, increase structural integrity as well as replace other interior elements and wiring that have outlived their useful life.

PROJECT NUMBER: 83308

PROJECT MANAGER: City Engineer/Fire Chief

DEPARTMENT: Public Services /Fire

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Completion of this project will provide for improvements to the safety, hygiene and appearance of the station.

LIFE EXPECTANCY: 10 years

2008-09 STATUS: Completed design of dormitory and bathroom remodel. The design process revealed that the costs to incorporate accessibility components into the 50-year old station proved more costly than originally anticipated. The additional appropriation requested below is offset with the savings received by completing the Fire Station 52 remodeling and the Fire Station 51 Seismic Study under budget.

2009-10 WORK PLAN: Construction for remodel of the dormitory and bathroom.

PROJECTED COMPLETION DATE: August 2009.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Future Years	Total Appropriations
Parks & Facilities	80,000	80,000	0	0	80,000
One-Time Revenue	66,426	7,337	12,663	0	79,089
Total	\$146,426	\$87,337	\$12,663	\$0	\$159,089

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Future Years	Total Expenditures
0610: Design	0	12,304	0	0	12,304
0620: Construction	46,785	0	100,000		146,785
Total	\$46,785	\$12,304	\$100,000	\$0	\$159,089

ONGOING FINANCIAL IMPACT: None

FIRE STATION 51 REPLACEMENT

PROJECT DESCRIPTION: Replacement of Fire Station 51 on El Camino Real. This facility is approaching 50 years of age and does not meet the current and projected operational needs of the department.

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: Fire Chief

DEPARTMENT: Fire

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: This project will make available the necessary space and facilities to provide fire, rescue, emergency medical and disaster preparedness services to the City in a safe and efficient manner. Currently this facility does not meet ADA requirements, does not meet the needs of housing male and female firefighters and is not seismically approved. A fire station facility design plan was completed by C3 Design Alliance in 2001 that included parameters for replacement of the fire station.

LIFE EXPECTANCY: 50 years

PROJECTED PROJECT START DATE: Unidentified

PROJECTED PROJECT COMPLETION DATE: Unidentified

PROJECT-RELATED APPROPRIATIONS:

Funding Source	Total Project Cost	Unidentified Funding Years
General Fund	7,000,000	7,000,000
Total	\$7,000,000	\$7,000,000

ONGOING FINANCIAL IMPACT: Construction costs continue to rise and consideration must be made for the cost of ongoing maintenance projects at the current facility.

FIRE STATION 52 RE-ROOFING PROJECT

PROJECT DESCRIPTION: This project will provide for a new roof at Fire Station 52 to replace the current roof that was installed in 1980.

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: City Engineer/Fire Chief **DEPARTMENT:** Public Services /Fire

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Completion of this project will provide for improvements to the safety, hygiene and appearance of the station.

LIFE EXPECTANCY: 25 years

PROJECTED PROJECT START DATE: 2010

PROJECTED PROJECT COMPLETION DATE: 2011

PROJECT-RELATED APPROPRIATIONS:

Funding Source	Total Project Cost	2010-11 Request
Unidentified	40,000	40,000
Total	\$40,000	\$40,000

ONGOING FINANCIAL IMPACT: None

FIRE STATION 52 REPLACEMENT

PROJECT DESCRIPTION: Replacement of Fire Station 52 on Earl Avenue at Sneath Lane. This facility is approaching 40 years of age and does not meet the current and projected operational needs of the department.

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: Fire Chief

DEPARTMENT: Fire

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: This project will make available the necessary space and facilities to provide fire, rescue and emergency medical services to the City in a safe and efficient manner. Currently this facility does not meet ADA requirements, does not meet the needs of housing male and female firefighters and is not seismically approved. A fire station facility design plan was completed by C3 Design Alliance in 2001 that included parameters for replacement of the fire station.

LIFE EXPECTANCY: 50 years

PROJECTED PROJECT START DATE: Unidentified

PROJECTED PROJECT COMPLETION DATE: Unidentified

PROJECT-RELATED APPROPRIATIONS:

Funding Source	Total Project Cost	Unidentified Funding Years
General Fund	3,000,000	3,000,000
Total	\$3,000,000	\$3,000,000

ONGOING FINANCIAL IMPACT: Construction costs continue to rise and consideration must be made for the cost of ongoing maintenance projects at the current facility.

FIRE STATION 52 SEISMIC EVALUATION

PROJECT DESCRIPTION: Complete a seismic evaluation of Fire Station 52 located at Sneath Lane and Earl Avenue. The evaluation would consist of structural engineering services required to determine the current structural condition of the facility related to seismic stability.

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: Fire Chief

DEPARTMENT: Fire

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: This project will utilize the methodology contained in ASCE 31-03 "Seismic Evaluation of Existing Buildings." Evaluation shall follow the concepts for a Tier 1 screening and structural checklist and selected portions of a Tier 2 analysis. A Tier 3 analysis, which is a very detailed engineering analysis, is not recommended at this time.

Tier 1 is a screening phase, which through the use of checklists identifies deficiencies typically found in certain types of construction. This tier will provide general information regarding any deficiencies but will be of limited value in assessing costs associated with a seismic upgrade.

The selected portions of a Tier 2 analysis would analyze and evaluate each building only to the extent that critical deficiencies are identified. This analysis would then develop costs associated with a proposed seismic upgrade if required.

A fire station facility design plan completed by C3 Design Alliance in 2001 noted that the fire station is not seismically approved.

LIFE EXPECTANCY: Unknown and dependent on decisions made to replace or remodel the existing fire station.

PROJECTED PROJECT START DATE: 2010-11

PROJECTED PROJECT COMPLETION DATE: June 2011

PROJECT-RELATED APPROPRIATIONS:

Funding Source	Total Project Cost	2010-11 Request
General Fund	20,000	20,000
Total	\$20,000	\$20,000

ONGOING FINANCIAL IMPACT: The seismic evaluation of critical infrastructure such as fire stations can provide important information for future decisions regarding these facilities.

GROUNDWATER MONITORING FOR UNDERGROUND STORAGE TANKS

PROJECT DESCRIPTION: This project is an ongoing effort to provide groundwater monitoring at Fire Station 51, a mandated program of the San Mateo County Health Services Agency due to fuel leakage from an underground storage tank discovered in 1999 beneath the rear drill yard at the station. Given the information received from this ongoing monitoring program, it is possible that additional clean up efforts may be required. Due to this possibility, staff has applied for funding from the State of California Underground Storage Tank Cleanup Fund to recoup previous expenditures on this project as well as pay for any future mitigation costs.

PROJECT NUMBER: 83664

PROJECT MANAGER: Management Analyst

DEPARTMENT: Public Services

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Federal, State, and Local laws regulating the contamination of groundwater by leaking underground fuel storage tanks mandate this project.

LIFE EXPECTANCY: 1-5 years, may be longer dependent on contaminant levels remaining.

2008-09 STATUS: Continued groundwater and vapor monitoring as directed by San Mateo County Environmental Health. Submitted application and was accepted into State EPA Groundwater Cleanup Fund for reimbursement of costs related to this project. However, due to constraints on the Cleanup Fund, the State has indefinitely frozen reimbursements that will likely extend through 2010.

2009-10 WORK PLAN: As directed by County, bore another monitoring well to complete site characterization. Complete onsite monitoring and make a determination as to the site's toxicity. If toxicity is low, move to close site. If toxicity is deemed high, proceed develop mitigation procedures as directed. Monitor status of State Cleanup Fund and submit for reimbursement whenever possible.

PROJECTED COMPLETION DATE: Estimated June 30, 2010 but may continue for an unknown period based on concentrations of contaminants and mitigation efforts.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Unidentified Funding Years	Total Appropriations
Parks & Facilities	95,000	0	0	0	95,000
One-Time Revenue	0	0	60,000	0	60,000
Underground Storage Tank Clean Up Fund	86,635	0	(86,635)	574,248	574,248
Total	\$181,635	\$0	\$60,000	\$574,248	\$729,248

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Unidentified Funding Years	Total Expenditures
0610: Design	32,196	264	0	40,000	72,460
0620: Construction	45,309	136	0	534,248	579,693
0640: Study	13,820	33,663	29,612	0	77,095
Total	\$91,325	\$34,063	\$29,612	\$574,248	\$729,248

ONGOING FINANCIAL IMPACT: Dependent on monitoring and levels of contamination the project may continue for 1-5 more years.

LIBRARY FACILITY MAINTENANCE PROGRAM

PROJECT DESCRIPTION: Since 1990, when the Library was last remodeled, necessary improvements and extensive building repairs have been deferred with the intent that a new Library facility would be built. Since current economic and local trends indicate that no new facility will be built in the foreseeable future, this Program addresses current maintenance and operational issues including deteriorating paint, carpet, and fixtures, crumbling concrete walls, ADA compliance issues, inadequate restroom facilities, HVAC system problems, and insufficient customer service areas, public space, and staff work areas. The Program also addresses changes in technology and customer use patterns, increases in circulation, computer use, and program attendance that the Library is ill-equipped to handle.

Library management staff will continue to work with Buildings & Facilities Maintenance staff to determine what building maintenance projects will take priority for funding in future years. The following additional facility improvements have been identified as necessary: Replacing and reconfiguring shelving throughout the building, new custom service desks for the Main and Children's rooms, reorganizing collections to create a public storytime area, adding seating and study spaces; replacement of carpeting, refurbishing original wood finishing, replacing windows and window coverings, purchasing new wall and ceiling finishes, purchasing new furniture and fixtures; dumbwaiter replacement; interior wall repair/replacement; additional compact-shelving systems; fire sprinkler system; renovation of the staff bathroom facilities in order to meet codes; exploring the usage of RFID technology for inventory and loss control; and technological improvements as dictated by the PLS shared automation system. It is also necessary to extend electrical wiring and ethernet cable to address additional laptop and public PC access to the Library's wired and wireless networks.

Although the construction of a new facility is not likely in the near future, the need for one remains. The cost of a new 42,580 square foot facility, if built in March 2009, was \$44 to \$46 million.

PROJECT NUMBER: 83708

PROJECT MANAGER: Assistant Library Services Director

DEPARTMENT: Community Services

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: The City will continue evaluating the most cost-effective means of maintaining to operate the present facility. If a new facility is not planned for the next five years, then significant steps need to be taken in order to address life/safety issues of the physical plant and the accessibility issues, as well as the City's ability to offer quality Library services in the present facility.

LIFE EXPECTANCY: 10 years

2008-09 STATUS: No work was completed on the project in 2008-09 due to City-wide budget reductions. The project was placed on hold.

2009-10 WORK PLAN: In 2009-10 the City anticipates a Community Development Block Grant award in the amount of \$50,000 from the San Mateo County Department of Housing. Block Grant awards are funds received from the Federal Government and are non-General Fund resources. Grant funds will be used for the Library's most pressing needs – installation of a wheelchair lift to the mezzanine and accessibility improvements to the public restroom. A second wheelchair lift at the basement level will be added at a future date.

An additional request for appropriation of \$30,000 from the State Library Fund will allow for the removal of shelving from the mezzanine level and installation of flooring, an electrical strip, and seating along the mezzanine railing for persons using laptops with the Library's wireless Internet access.

PROJECTED COMPLETION DATE: Unidentified

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

FUNDING SOURCE	Previously Funded	Carry-Over Appropriations	2009-10 Request	Unidentified Funding Years	Total Appropriations
Parks & Facilities	200,000	11,775	0	0	200,000
Community Development Block Grant			50,000		50,000
State Library Fund			30,000		30,000
Unidentified				2,120,000	2,120,000
Total	\$200,000	\$11,775	\$80,000	\$2,120,000	\$2,400,000

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Unidentified Funding Years	Total Expenditures
0620: Construction	187,545	680	91,775	2,120,000	2,400,000
Total	\$187,545	\$680	\$91,775	\$2,120,000	\$2,400,000

ONGOING FINANCIAL IMPACT: It is anticipated that the library facility will be more consumptive of financial resources due to the age and condition of the building.

*The State Library Fund consists of reimbursements made annually by the California State Library for resource sharing and Inter Library Loan cooperation. The balance represents several years of reimbursements that have been earmarked for a new or improved facility.

LIONS FIELD RENOVATION PROJECT

PROJECT DESCRIPTION: Renovations to the existing facilities at Lions Field to include new fencing throughout the facility, new player benches, new light shields, paved spectator area and dugouts, a sunscreen for the dugouts, storage shed, and soft toss area on the third base side.

PROJECT NUMBER: 83858

PROJECT MANAGER: Parks and Facilities Manager

DEPARTMENT: Community Services

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: The objective of this project is to mitigate in part the loss of two baseball fields at Sandburg School and provides for much needed improvements at one of the City's most used sports facilities. The improvements will benefit numerous groups, teams and individuals in San Bruno.

LIFE EXPECTANCY: Ten (10) to fifteen (15) years, with minor improvements as required.

2008-09 STATUS: Due to project funding cutbacks related to budget crisis, the scope of this project was reduced to include only the batting cages at this time. Prepared plans and specifications and awarded construction contract.

2009-10 WORK PLAN: Complete construction of Lions Field batting cages and evaluate funding availability for the remaining items.

PROJECTED COMPLETION DATE: September 2009.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	2010-11 Request	Total Appropriations
Park In Lieu Fund	49,843	40,567	0	0	49,843
Prop 40 Per Capita	54,457	54,457	0	0	54,457
Total	\$104,300	\$95,024	\$0	\$0	\$104,300

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	2010-11 Request	Total Expenditures
0610: Design	0	6,484	0	5,000	11,484
0620: Construction	0	2,792	55,000	35,024	92,816
Total	\$0	\$9,276	\$55,000	\$40,024	\$104,300

ONGOING FINANCIAL IMPACT: The ongoing maintenance cost is not anticipated to exceed current funding levels, and may actually marginally reduce existing maintenance costs due to anticipated improvements.

NEW CORPORATION YARD FACILITY PROJECT

PROJECT DESCRIPTION: A needs assessment has identified shortfalls and accompanying remedies for the Corporation Yard Facility. This project would fund the design and construction of a combined corporation yard facility that would house the offices and equipment of all the Public Works Maintenance and Operations Divisions at one location, including the possibility for additionally accommodating Parks Maintenance and/or Cable TV Maintenance crews.

Additional materials, equipment and vehicles in Public Works authorized as part of the City's ongoing Utility Improvement Program since 1996 have resulted in severe overcrowding and outside storage of expensive equipment. Several needs are apparent: utility vehicle parking is minimal; employee parking is insufficient; and increased material inventories of all Divisions have displaced covered parking of the utility trucks, which will accelerate the deterioration of the vehicles now being stored outdoors; a significant inventory of valves, fittings and meters must be stored out-of-doors where weather can cause deterioration.

The cost for this project ranges from \$2.5 to \$8.8 million depending upon site selection and the size of operations being co-located. It is anticipated that the preferred alternative will be financed by lease-purchase or through another form of debt financing.

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: Public Services Director

DEPARTMENT: Public Services

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: City's image and appearance will be enhanced by closing the existing facility unsuitably located in a residential area. Efficiency and economy of Public Works operations will increase, as will customer service.

LIFE EXPECTANCY: 50 years

PROJECTED PROJECT START DATE: Unidentified

PROJECTED PROJECT COMPLETION DATE: Unidentified

PROJECT-RELATED APPROPRIATIONS:

Funding Source	Total Project Cost	Unidentified Funding Years
Unidentified	5,500,000	5,500,000
Total	\$5,500,000	\$5,500,000

ONGOING FINANCIAL IMPACT: Cost of maintenance and utilities will be offset by closure of existing facilities. Proceeds of sale and development of existing corporation yard parcel could be substantial.

NEW LIBRARY PROJECT

PROJECT DESCRIPTION: The San Bruno Public Library opened in 1955 at its present location. The facility is a 15,600 square-foot building on three levels, a basement area, main floor, including children’s room, and a mezzanine. Community use of the facility grows steadily each year, with the addition of new materials in requested format, such as DVDs, and new services, including public Internet use. The facility lacks convenient access for the handicapped, elderly, and families with children in strollers. There is one public restroom to serve men and women, and there is no elevator access to the mezzanine or to the Library basement. The Library collections, seating for the public, ability to provide children’s programming and school class visits, quiet areas for study and reading, and adequate computer resources are all severely compromised by the limitations and lack of space. The Library also lacks sufficient parking.

The Library can no longer keep pace with the changing size and face of the City. Until now, in an effort to meet growing demand, the Library has improved efficiencies by participating in the Peninsula Library System, replacing seating with computers, displacing some collections to inaccessible places, and overloading book stacks. Currently, there are no more efficiencies to be gained. The Library is beyond capacity. The lack of space now results in a ‘zero-sum’ condition whereby an increase in one service results in a decrease in another service.

The current structure was designed according to outdated building codes. The existing electrical system has a capacity about the same as a contemporary home. The mechanical system is at the end of its life cycle and will need to be replaced in the near future. The data cabling system is a patchwork of incremental additions layered over existing systems. Much of the existing Library is not accessible to those with disabilities.

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: Community Services Director

DEPARTMENT: Community Services

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: The Library staff and community have completed comprehensive and detailed work in the study and analysis of the service need for a new Library. A new facility will greatly improve the delivery of library services to our customers and will enhance the quality of life and provide an attractive place for people to gather and learn.

LIFE EXPECTANCY: 75 years upon completion

PROJECTED PROJECT START DATE: Unidentified

PROJECTED PROJECT COMPLETION DATE: Unidentified

PROJECT-RELATED APPROPRIATIONS:

<u>Funding Source</u>	<u>Total Project Cost</u>	<u>Unidentified Funding Years</u>
Unidentified	45,000,000	45,000,000
Total	\$45,000,000	\$45,000,000

ONGOING FINANCIAL IMPACT: Once a new Library is built, there will be on-going General Fund support needed to operate and maintain the facility.

NEW SWIMMING POOL COMPLEX PROJECT

PROJECT DESCRIPTION: The current swimming pool facility located in San Bruno City Park is nearly 50 years old and has required significant and ongoing repairs to keep it operating for the past six years. In 2002, the City hired ARCH PAC, a public swimming pool architect and consult to conduct a pool facility structural assessment and to perform a public needs outreach effort to determine the need for a future replacement pool facility. The structural assessment determined that the pool is beyond its reasonable life expectancy of 30-40 years. The public outreach effort was conducted through a series of public workshops lead by the consultant. As a result, a combination indoor and outdoor facility was the recommended options preferred by the community. The consultants' estimated cost for this type of facility is \$3.2 to \$4 million, depending upon the final amenities selected. A reduced scope pool facility could be constructed for less than this estimate if replaced by an outdoor pool only.

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: Community Services Director

DEPARTMENT: Community Services

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: New pool will replace existing pool, which is approaching 50 years old. A 2002 comprehensive pool assessment study determined that the pool has exceeded its normal life expectancy.

LIFE EXPECTANCY: 50 years

PROJECTED PROJECT START DATE: Unidentified until funding can be identified and secured.

PROJECTED PROJECT COMPLETION DATE: Approximately 12–15 months once construction has begun

PROJECT-RELATED APPROPRIATIONS: Existing state grant funds are not sufficient. If the Parks for the Future Sales Tax Measure were successful in November 2006, one option available would be to bond future park sales tax funds to construct a new pool facility. Another option may be to use future Park-in-Lieu funds.

Funding Source	Total Project Cost	Unidentified Funding Years
Unidentified	4,400,000	4,400,000
Total	\$4,400,000	\$4,400,000

ONGOING FINANCIAL IMPACT: Unidentified

RECREATION CENTER REPLACEMENT PROJECT

PROJECT DESCRIPTION: The current Veterans Memorial Recreation Center was constructed in 1955. The facility has been updated numerous times through remodeling projects but needs to be expanded to meet current and future community needs.

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: Community Services Director

DEPARTMENT: Parks and Recreation

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Existing recreation center is almost 50 years old. While it will remain serviceable in the future, a new modern recreation center that meets the community's recreation needs now and in the future needs to be built.

LIFE EXPECTANCY: 50 Years

PROJECTED PROJECT START DATE: Unidentified

PROJECTED PROJECT COMPLETION DATE: Unidentified

PROJECT-RELATED APPROPRIATIONS:

Funding Source	Total Project Cost	Unidentified Funding Years
Unidentified	7,500,000	7,500,000
Total	\$7,500,000	\$7,500,000

ONGOING FINANCIAL IMPACT: Unidentified

SENIOR CENTER EMERGENCY POWER SUPPLY GENERATOR

PROJECT DESCRIPTION: This project will purchase a portable standby diesel engine generator to provide a back-up source of electrical power to the Senior Center. Transfer switching equipment will be installed at the Senior Center and at the Recreation Center.

The Senior Center is used for City Council meetings and other public meetings, and provides educational, entertainment, and cooking facilities. Both buildings are key shelter facilities in the City's emergency response planning, yet neither currently has an emergency power supply source. Occasional power outages such as those experienced during winter storms can extend for several hours and create a hazardous situation for City patrons, many of whom are senior citizens. Emergency power for the Senior Center is a high priority for City Council. This portable generator can be moved between the Senior Center and the Recreation Center, increasing the flexibility in use of the generator equipment.

PROJECT NUMBER: 83883

PROJECT MANAGER: Associate Engineer

DEPARTMENT: Public Services

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: The purpose of this project is to enhance public safety and continued operation of the Senior Center during occasional power outages and to provide an essential power source for both buildings as emergency response facilities.

LIFE EXPECTANCY: 20+ years

2008-09 STATUS: Completed specifications, received bids and procured the generator. The generator will be able to serve both the Senior and Recreation Centers.

2009-10 WORK PLAN: Receive delivery, install and test the new generator.

PROJECTED COMPLETION DATE: August 2009.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Future Years	Total Appropriations
Facilities Equip. Reserve	160,000	10,774	0	0	160,000
Total	\$160,000	\$10,774	\$0	\$0	\$160,000

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Future Years	Total Expenditures
0610: Design	27,180	41	0	0	27,221
0620: Construction	41,005	81,000	10,774	0	132,779
Total	\$68,185	\$81,041	\$10,774	\$0	\$160,000

ONGOING FINANCIAL IMPACT: Minimal, other than regular maintenance and periodic testing.

SENIOR CENTER EXPANSION PROJECT

PROJECT DESCRIPTION: The Senior Center is conducting a community assessment process for determining future Senior Center facility needs for the next 20 years. The proposed process includes the development of a community-driven strategic plan. Previous visioning for expansion of the existing Senior Center was based upon expansion of approximately 10,000 square feet of additional facility space. Until the completion and review of the strategic planning efforts, the City will continue to use the proposed 10,000 square foot expansion as a placeholder number.

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: Parks and Facilities Manager

DEPARTMENT: Community Services

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: The project would expand the existing Senior Center by approximately 10,000 square feet and provide for new furnishings associated with expansion. Project costs include design, construction and new furniture.

LIFE EXPECTANCY: 50 years

PROJECTED PROJECT START DATE: Unidentified

PROJECTED PROJECT COMPLETION DATE: Unidentified

PROJECT-RELATED APPROPRIATIONS:

Funding Source	Total Project Cost	Unidentified Funding Years
Unidentified	3,750,000	3,750,000
Total	\$3,750,000	\$3,750,000

ONGOING FINANCIAL IMPACT: Unidentified

STREET MEDIAN & GRAND BOULEVARD IMPROVEMENTS PROJECT

PROJECT DESCRIPTION: This project will install or upgrade new landscaping and add irrigation systems to 11 medians located on El Camino Real between the north and south entrances to the City. The remaining 5 medians will be installed under the El Camino Real Medians Phase I and Pedestrian Improvements Project.

Any improvements to the El Camino Real medians will incorporate the planning efforts for the County's Grand Boulevard project. The Grand Boulevard project seeks to ease dependence on personal automobile use through more appealing and pedestrian-friendly street environments and facilities promoting walk-able connections to public transit. Improved medians, enhanced plantings, street furniture and signage, and other street landscape elements are planned for the project in the future. The work is planned to be consistent with the grant applications related to major housing projects.

Grant funds have previously been awarded for completion of this project through the Transit Oriented Development funding program administered by the San Mateo City-County Association of Governments (C-CAG). The City expects to receive an additional appropriation of TOD funds due to completion of The Crossing Parcels 3 & 4 and the development of Peninsular Place on San Mateo Avenue and El Camino Real. Due to this increase in funding, staff recommends increasing the scope of this project to include rehabilitation of medians along Sneath Lane and the lower portion of San Bruno Avenue. Though the TOD grant provides a significant revenue source, the nature of these funds requires that they be spent only on construction. Therefore, additional funding to complete design will be provided through the Redevelopment Agency and the One Time Revenue Fund.

PROJECT NUMBER: 83904

PROJECT MANAGER: Associate Engineer

DEPARTMENT: Public Services

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: The project is intended to improve the overall aesthetic and identity of San Bruno, providing residents and visitors alike an attractive appearance in the main city transportation corridor.

LIFE EXPECTANCY: Approximately thirty (30) years

2008-09 STATUS: Initiated design work to improve the remaining 11 medians on El Camino Real as well as the medians on Sneath Lane and lower San Bruno Avenue.

2009-10 WORK PLAN: Complete all design activities. As the TOD grant will be administered through Caltrans, staff will coordinate with Caltrans for approval to proceed with bidding and construction. Pending the length of time Caltrans takes for approval, construction could be complete by the end of Summer 2010. The \$114,00 in Future Years funding represents the TOD portion related to the development of Peninsular Place. C/CAG's allocation of these funds is not expected until significant progress has been made on the development.

PROJECTED COMPLETION DATE: September 2010.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	2010-11 Request	Total Appropriations
TOD Grant	679,472	679,472	754,000	114,000	1,547,472
RDA Capital	209,676	5,469	180,000	0	389,676
Total	\$889,148	\$684,941	\$934,000	\$114,000	\$1,937,148

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	2010-11 Request	Total Expenditures
0610: Design	67,628	135,548	79,469	0	282,646
0620: Construction	1,031	0	1,539,471	114,000	1,654,502
Total	\$68,659	\$135,548	\$1,618,940	\$114,000	\$1,937,148

ONGOING FINANCIAL IMPACT: The ongoing maintenance of all El Camino Real medians and those recently constructed on San Bruno Ave. is estimated at \$20,000 annually beginning in 2009 when the construction contractor's plant establishment period ends. Once completed, additional maintenance costs may need to be budgeted if the new landscape improvements are to be kept at a high level.

WILDLAND FIRE HAZARD MITIGATION PROGRAM

PROJECT DESCRIPTION: This project is designed to identify and mitigate the hazards associated with vegetation and wildland fires in City open space areas.

The development of a vegetation management program will include the clearing or thinning of non-fire resistive vegetation within 30 feet of access and evacuation routes to critical facilities. The program will also include clearing or thinning non-native species such as eucalyptus. Coordination between the Fire and Parks Department will be provided for ongoing maintenance of open space areas after initial clearing and thinning is completed.

PROJECT NUMBER: 83859

PROJECT MANAGER: Fire Chief

DEPARTMENT: Fire

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: The level of vegetation in open space areas, especially around Crestmoor Canyon, continues to grow each year. This situation becomes worse in years when rainfall amounts are low and drought conditions are present. By addressing the situation in a proactive manner, the city lessens its exposure to a catastrophic fire.

LIFE EXPECTANCY: Ongoing

2008-09 STATUS: There were five projects completed during the last fiscal year. These projects were coordinated with the Parks Department and coincided with their tree program. Efforts to bring in San Mateo County FireSafe crews to work in Crestmoor Canyon did not occur due to the early fire season experienced last year.

2009-10 WORK PLAN: The work plan for the 2009-10 fiscal year would again focus on the reduction of vegetation fuel levels in the open space areas in the city. Plans include the creation of defensible space of at least 30 feet between open space and homes by clearing and thinning trees and ground cover. The fire department would attempt to also coordinate with the County FireSafe crews for low cost resources to complete this work. This proposal would also include entering agreement with contractors to perform more extensive tree trimming/removal to lessen fire loads.

PROJECTED COMPLETION DATE: June 30, 2010.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Unidentified Funding Years	Total Appropriations
One-Time Revenue	80,000	22,210	0	520,000	600,000
Total	\$80,000	\$22,210	\$0	\$520,000	\$600,000

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Unidentified Funding Years	Total Expenditures
0010: Prof. Services	0	57,790	22,210	520,000	600,000
Total	\$0	\$57,790	\$22,210	\$520,000	\$600,000

ONGOING FINANCIAL IMPACT: None

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REDEVELOPMENT CAPITAL
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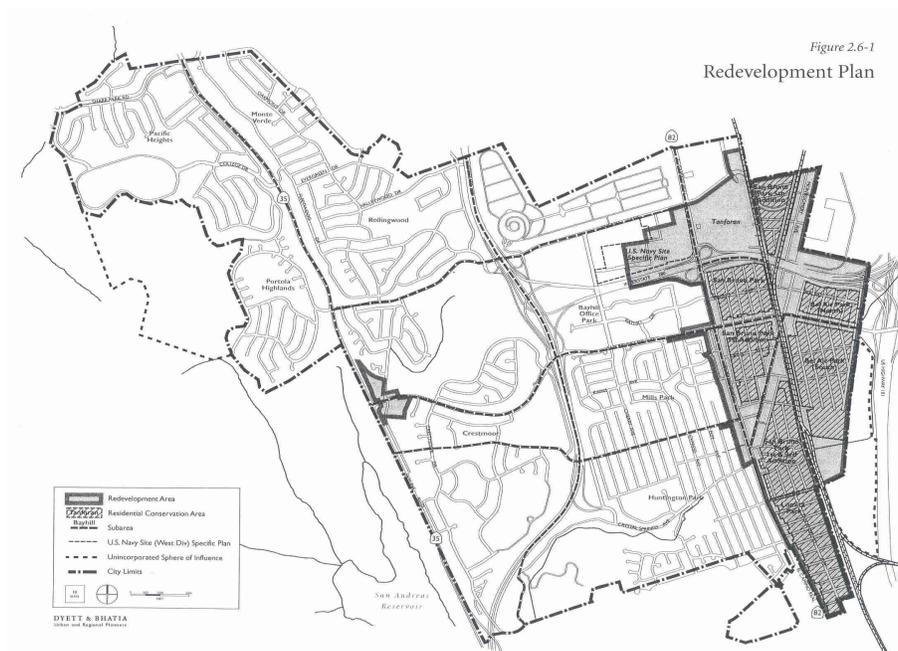
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2009-14 REDEVELOPMENT CAPITAL IMPROVEMENT PROGRAM

The Redevelopment Capital Fund supports capital improvement projects within the City's Redevelopment Area, which are identified in the San Bruno Redevelopment Plan and Five-Year Implementation Plan. The 717-acre Redevelopment Project Area includes most of the San Bruno Park, Belle Air Park, and Lomita Park residential neighborhoods, as well as downtown, the El Camino Real commercial corridor, the Shops at Tanforan, the former U.S. Navy site, and the Skycrest Center and adjacent properties. The San Bruno Redevelopment Plan was adopted in 1999 to alleviate adverse physical and economic conditions in the Project Area and to promote economic development, residential neighborhood conservation, and area wide improvements. The funding source for the Redevelopment Capital Fund is the non-restricted portion of redevelopment tax increment revenues.



PROJECTS IN THE 2009-14 WORK PLAN

- Commercial Building Rehabilitation Program
- Pedestrian Bridge

**2009-10 REDEVELOPMENT CAPITAL IMPROVEMENT FUND
CASH SHEET**

	2008-09 Budget	2008-09 Est. Actual	2009-10 Adopted
Beginning Balance, July 1	\$47,198	-\$72,801	\$28,339
Revenues			
Transfers In: RDA Operations	800,000	800,000	565,000
Total Revenues	800,000	800,000	565,000
Expenses			
Capital Improvement Program Expenses	215,000	77,034	215,000
Transfers Out:			
Parks and Facilities Capital	381,826	381,826	0
Streets Capital	240,000	240,000	185,000
Total Expenses	836,826	698,860	400,000
Ending Balance, June 30	\$10,372	\$28,339	\$193,339

**REDEVELOPMENT CAPITAL 2009-14 WORK PROGRAM
FUNDING SUMMARY**

Project	Total Project Cost	Prior Years Funding	2009-10	2010-11	2011-12	2012-13	2013-14	Unidentified Funding Year
RDA Capital								
Commercial Building Rehabilitation Program	767,000	467,000	100,000	200,000	0	0	0	0
Pedestrian Bridge	750,000	0	0	0	0	0	0	750,000
TOTAL	\$1,517,000	\$467,000	\$100,000	\$200,000	\$0	\$0	\$0	\$750,000

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CAPITAL PROJECTS
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COMMERCIAL BUILDING REHABILITATION PROGRAM

PROJECT DESCRIPTION: The Commercial Building Rehabilitation Program assists property owners and business owners with the physical revitalization of commercial buildings through matching grants for façade improvements such as paint, signs, and awnings. All commercial buildings located within the San Bruno Redevelopment Project Area are eligible to apply for this program. The grant amount is 50% of the façade improvement cost up to a maximum based on the size of the building facade, plus 10% of the grant amount for design costs. Reimbursement occurs after completion of the project with final building and planning approvals and confirmation by the Redevelopment Agency that the work meets the plans and specifications approved by the Architectural Review Committee. A total of 14 façade projects have been completed since the start of the program in 2003.

PROJECT NUMBER: 83909

PROJECT MANAGER: Housing and Redevelopment Manager

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: The Commercial Building Rehabilitation Program encourages the renovation of aging and deteriorated buildings to enhance the community's appearance and to promote an improved shopping environment. Improving the image and quality of commercial districts also benefits surrounding neighborhoods and contributes to the City's overall economic vitality.

LIFE EXPECTANCY: 10 years

2008-09 STATUS: Four façade projects were completed and two new projects were approved by the Architectural Review Committee in 2008-09. Three projects were in progress at the end of the fiscal year.

2009-10 WORK PLAN: Complete projects in progress and continue outreach efforts in with a goal of three to four new applications.

PROJECTED COMPLETION DATE: Ongoing. The program is part of a long-term effort to promote economic development and improve the shopping environment in the Redevelopment Project Area.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	2010-11 Request	Total Appropriations
RDA Capital	\$467,000	\$176,550	\$100,000	\$200,000	\$767,000
Total	\$467,000	\$176,550	\$100,000	\$200,000	\$767,000

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	2010-11 Request	Total Expenditures
0411: Other Service	\$252,000	\$38,450	\$215,000	\$200,000	\$767,000
Total	\$252,000	\$38,450	\$215,000	\$200,000	\$767,000

ONGOING FINANCIAL IMPACT: This program does not require ongoing maintenance costs since it is a one-time grant of funds to property owners.

PEDESTRIAN BRIDGE

PROJECT DESCRIPTION: This project provides for the design and construction of a pedestrian bridge over El Camino Real connecting The Crossing with the Shops at Tanforan. To properly connect the bridge on the eastern side with the Shops at Tanforan, it may be necessary to have another retail anchor or structure on the shopping center's site adjacent to El Camino Real. The bridge would be subject to review and approval of CalTrans. Grant funds may be available to help finance this project, however grant funding cannot be identified until the timing for this project is more certain.

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: Housing and Redevelopment Manager

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: The bridge will serve residents of The Crossing and San Bruno residents crossing El Camino Real to access the BART Station, The Shops at Tanforan and the multi-screen cinema. The second level pedestrian bridge crossing enhances the transit-oriented development under construction at the 20-acre Crossing mixed use development, facilitating safe pedestrian access to the shopping center and to San Bruno BART Station on Huntington Avenue.

LIFE EXPECTANCY: 30 years.

PROJECTED PROJECT START DATE: Unidentified

PROJECTED PROJECT COMPLETION DATE: Unidentified

PROJECT-RELATED APPROPRIATIONS:

Funding Source	Total Project Cost	Unidentified Funding Years
Unidentified	750,000	750,000
Total	\$750,000	\$750,000

ONGOING FINANCIAL IMPACT: Minimal, other than routine maintenance.

STREETS CAPITAL
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2009-14
STREETS CAPITAL IMPROVEMENT PROGRAM

The Street Capital Improvement Fund provides for improvements to the streets and roadways within the City. A total of 88 miles of roadway are maintained and improvements generally depend on utilizing a variety of funding sources, which include Measure A Funds, Gas Tax, Federal and state grants, and developer mitigation fees for major projects. The Streets Capital Improvement Program is designed to protect, preserve, and enhance the streets and roadways. The goal is to improve and/or replace existing design, condition, and capacity of the roadway infrastructure.

NEW PROJECTS

- American Reinvestment and Recovering Act Paving Project
- Commodore Drive Pedestrian Access Project
- Fleetwood Drive Traffic Calming Project
- Pedestrian and Bicycle Master Plan
- Streetlight Replacement Program

PROJECTS IN THE 2009-14 WORK PLAN

- Accessible Pedestrian Ramps at Various Locations
- Bicycle and Pedestrian Improvement Program
- Neighborhood Traffic-Calming Program
- Sidewalk Repair Program
- Sneath Bicycle Lane between El Camino Real and Huntington Avenue
- Street Rehabilitation Program
- Traffic Signal Battery Backup Installation Project

PROJECTS REMOVED FROM BUDGET

- Arterial Street Rehabilitation Project and Surface Transportation Program (completed)
- School Crosswalk Refurbishment Project (completed)
- Signal at San Bruno Avenue and Shelter Creek Project (completed)
- Streetlight Replacement Study (completed)

**2009-10 STREETS WORK PROGRAM
FINANCIAL SUMMARY**

Project	Carry-Over Appropriations	2009-10 Funding Source						
		American Reinvestment and Recovery Act Funds	Gas Tax	Homeowner Participation	Measure A	Proposition 1B	RDA Capital	TDA Art. 3 Grant
Accessible Pedestrian Ramps at Various Locations	24,280						25,000	
American Reinvestment and Recovery Act Paving Project	0	659,000						
Bicycle & Pedestrian Improvement Program	17,598							
Commodore Drive Pedestrian Access Project	0						160,000	160,000
Fleetwood Drive Traffic Calming Project	0				97,000			
Neighborhood Traffic-Calming Program	6,850		311,875		311,875			
Sidewalk Repair Program	-57,252		57,252	30,000	50,000			
Sneath Lane Bicycle Lane between El Camino Real and Huntington Avenue	74,238							
Street Rehabilitation Project	659,787				600,000	626,600		
Streetlight Replacement Study	0		100,000					
Total	\$725,501	\$659,000	\$469,127	\$30,000	\$1,058,875	\$626,600	\$185,000	\$160,000

**STREETS CAPITAL FUND
CASH SHEET**

	2008-09 Budget	2008-09 Est. Actual	2009-10 Adopted
Beginning Balance, July 1	\$1,071,156	\$632,044	\$948,282
Revenues			
Homeowner Reimbursement	20,000	15,589	30,000
State Grant		25,030	
Street & Highway Grant		805,110	
Transfers In			
American Reinvestment & Recovery Act Funds			659,000
Gas Tax			376,002
Measure A	726,933	676,933	747,000
ABAG Grant	10,000		
Safe Routes to Schools Grant	58,500		
STP Grant	745,000		
TDA Grant	46,500		160,000
Proposition 1B			626,600
Redevelopment Capital	240,000	240,000	485,000
Total Revenues	1,846,933	1,762,662	3,083,602
Expenses			
Capital Improvement Program Expenses	2,870,976	1,446,424	3,820,245
Total Expenses	2,870,976	1,446,424	3,820,245
Ending Balance, June 30	\$47,113	\$948,282	\$211,639

**STREETS CAPITAL 2009-14 WORK PROGRAM
FUNDING SUMMARY**

Project	Total Project Cost	Prior Years Funding	2009-10	2010-11	2011-12	2012-13	2013-14	Unidentified Funding Year
Streets Capital								
Accessible Pedestrian Ramps at Various Locations	125,000	25,000	25,000	75,000	0	0	0	0
American Reinvestment and Recovery Act Paving Project	659,000	0	659,000	0	0	0	0	0
Bicycle and Pedestrian Improvement Program	169,000	29,000	0	0	0	0	0	140,000
Commodore Drive Pedestrian Access Project	320,000	0	320,000	0	0	0	0	0
Fleetwood Drive Traffic Calming Project	170,000	0	97,000	73,000	0	0	0	0
Neighborhood Traffic-Calming Program	1,013,750	190,000	623,750	200,000	0	0	0	0
Pedestrian and Bicycle Master Plan	50,000	0	0	50,000	0	0	0	0
Sidewalk Repair Program	874,623	417,371	137,252	160,000	160,000	0	0	0
Sneath Lane Bicycle Lane between El Camino Real and Huntington Avenue	75,500	75,500	0	0	0	0	0	0
Street Rehabilitation Project	6,305,600	1,879,000	1,226,600	700,000	700,000	700,000	700,000	400,000
Streetlight Replacement Study	5,700,000	0	100,000	0	0	0	0	5,600,000
Traffic Signal Battery Backup Installation Project	320,000	0	0	0	0	0	0	320,000
Total	\$15,782,473	\$2,615,871	\$3,188,602	\$1,258,000	\$860,000	\$700,000	\$700,000	\$6,460,000



CAPITAL PROJECTS
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ACCESSIBLE PEDESTRIAN RAMPS AT VARIOUS LOCATIONS

PROJECT DESCRIPTION: The State of California has revised the standard designation for accessible curb ramps to more fully comply the Americans with Disabilities Act, including new standards to provide for handicap-accessible ramps with yellow truncated dome tactile pads. This project will fund an effort to identify areas requiring improvements, creating a priority listing and constructing the ramps. Work will be conducted over a multiyear period, guided by the “Pedestrian Emphasis Zones” identified in the General Plan and the Bicycle and Pedestrian Advisory Committee (BPAC). Staff will seek grant funding where appropriate to help offset cost of construction.

PROJECT NUMBER: 82702

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Completion of this project will significantly improve pedestrian access and aesthetics throughout the City.

LIFE EXPECTANCY: 50 years.

2008-09 STATUS: Though the original work plan included conducting a survey of intersections to develop a priority list, staff reevaluated the design process and thought it more appropriate to use a public forum and guidance from the General Plan to identify and rank project locations. Therefore, staff coordinated with the Bicycle and Pedestrian Advisory Committee to identify key locations for accessible curb ramp installation. Developed plans and specifications in preparation for bidding a construction contract for the first phase of a multiyear program.

2009-10 WORK PLAN: Complete bid package and award construction contract to install the first phase of accessible curb ramps. Continue to work with the BPAC to identify other areas for future construction.

PROJECTED COMPLETION DATE: Ongoing program. June 2010 for this first phase.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	2010-11 Request	Total Appropriations
RDA	\$25,000	\$24,280	25,000	0	50,000
Unidentified	0	0	0	75,000	75,000
Total	\$25,000	\$24,280	\$25,000	\$75,000	\$125,000

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	2010-11 Request	Total Expenditures
0600: Pre-Design	0	720	720	0	1,440
0610: Design	0	720	1,440	0	2,160
0620: Construction	0	0	\$46,400	75,000	121,400
Total	\$0	\$1,440	\$48,560	\$75,000	\$125,000

ONGOING FINANCIAL IMPACT: Minimal.

AMERICAN REINVESTMENT AND RECOVERY ACT PAVING PROJECT

PROJECT DESCRIPTION: Funded by the Federal American Reinvestment and Recovery Act of 2009 (ARRA), this project will rehabilitate the following San Bruno street sections depending on bids received:

- City Park Way between Bayview Avenue and Crystal Springs Road;
- Crestwood Drive between Rollingwood Drive and Valleywood Drive;
- Jenevein Avenue between San Mateo Avenue to Cunningham Way;
- Crestmoor Drive between San Bruno Avenue to I-380.

This sections were chosen in part due to their condition and due to their designation as federal-aided streets—the only type of streets eligible for ARRA funding.

PROJECT NUMBER: 84210

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Improves appearance and safety of City streets.

LIFE EXPECTANCY: 10 to 20 years.

2008-09 STATUS: New project. Staff completed timely submittals and coordinated with agencies such as City/County Association of Governments, Metropolitan Transportation Commission, and Caltrans to receive project approval and funding. Prepared plans and specifications, released project to bid and awarded construction contract.

2009-10 WORK PLAN: Initiate and complete construction.

PROJECTED COMPLETION DATE: November 2009.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Future Years	Total Appropriations
American Reinvestment and Recovery Act Funds	0	0	659,000	0	659,000
Total	\$0	\$0	\$659,000	\$0	\$659,000

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Future Years	Total Expenditures
0610: Design	0	20,000	0	0	20,000
0620: Construction	0	0	639,000	0	639,000
Total	\$0	\$20,000	\$639,000	\$0	\$659,000

Ongoing Financial Impact: Minimal.

BICYCLE AND PEDESTRIAN IMPROVEMENT PROGRAM

PROJECT DESCRIPTION: Previously titled the San Mateo Countywide Comprehensive Bicycle Route Plan, this project has been renamed to reflect the need to accomplish timely, low cost projects with high visibility that serve to enhance pedestrian and bicycle access throughout the City. Staff will work with the Bicycle and Pedestrian Advisory Committee to utilize both the Countywide Bicycle Route Plan as well as the results from a recently commissioned pedestrian use study to guide program implementation.

Bicycle Improvements

The San Mateo Countywide Comprehensive Bicycle Route Plan, commissioned by the City/County Association of Governments, outlines specific projects that would create a more unified network of bicycle trails, lanes and routes throughout the county. Each city is responsible for implementing its share of the identified project. With assistance from state grant funding, work is proceeding on the North-South Bikeway Signing Project and the Sneath Lane Bicycle Lane Between Project (funded as a separate project). In the future, staff will develop and identify funding sources for the remaining projects:

- Colma-Millbrae Bikeway Project: Calls for a multi-use trail or on-street alternative route between Colma and Millbrae to be located within the BART right-of-way to the extent feasible.
- San Francisco International Airport East Side/Bay Trail Project: Addresses the gap in both the Bay Trail and general on-street connections at the San Francisco International Airport.

Pedestrian Improvements

Through a study funded by the Metropolitan Transportation Commission in FY 2007-08, the City received a report by transportation experts that identifies routes bicyclists and pedestrians use to transit to and from the San Bruno BART Station. That report also identified specific improvements to those routes that would increase both their safety and utilization; such as appropriate signage, pavement markings, sidewalk improvements and lighting improvements.

In the short term, this program will prioritize and install these improvements. This program will also continue to identify necessary improvements over the long-term to better position the City to compete for grant funding.

PROJECT NUMBER: 82663

PROJECT MANAGER: Management Analyst

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: The Transportation Element in the General Plan directs the City to provide resources to identify and mark an interconnected network of safe bicycle routes, and also establishes "Pedestrian Emphasis Zones" that are to receive specific attention for pedestrian safety and aesthetic enhancements. Once implemented, these improvements will significantly increase access to pedestrian and bicycle facilities throughout the City, thereby reducing traffic congestion and lowering the amount of greenhouse gases released into the atmosphere.

LIFE EXPECTANCY: 5-25 years depending upon the specific improvement.

2008-09 STATUS: Installed signage for North-South Bikeway. Applied to and received TDA Article 3 Grant funds from C/CAG for the construction of a new sidewalk on Commodore Drive—a project identified in the MTC Bicycle and Pedestrian Study. Design and construction of other small-scale pedestrian improvements identified in the study were not pursued at this time so that funds could be acquired for the Commodore Drive project.

2009-10 WORK PLAN: Design and construct the remaining small-scale projects identified in the MTC Bicycle and Pedestrian Study. Identify future bicycle and pedestrian projects and submit for funding.

PROJECTED COMPLETION DATE: June 2010 for the identified improvements. Other improvements will be made in the future as funding becomes available.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Unidentified Funding Years	Total Appropriations
RDA	20,000	17,598	0	0	20,000
TDA Art. 3 Grant	9,000	0	0	0	9,000
Unidentified	0	0	0	140,000	140,000
Total	\$29,000	\$17,598	\$0	\$140,000	\$169,000

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Unidentified Funding Years	Total Expenditures
0610: Design	0	0	1,000	25,000	26,000
0620: Construction	0	9,000	15,098	100,000	124,098
0630: Study	641	1,761	1,500	15,000	18,902
Total	\$641	\$10,761	\$17,598	\$140,000	\$169,000

ONGOING FINANCIAL IMPACT: Minimal.

COMMODORE DRIVE PEDESTRIAN ACCESS PROJECT

PROJECT DESCRIPTION: This project involves the installation of approximately 600 feet of sidewalk, a widening of the existing roadway to accommodate the new sidewalk, enhanced crosswalk facilities, share the road bicycle signage and pedestrian-scale lighting. Once complete, the project will close a prominent gap along a well-used pedestrian route that connects the San Bruno BART station and a transit-oriented development on one side with a school, park and employment centers on the other; thereby significantly increasing safety and promoting pedestrian-based commuting.

PROJECT NUMBER: 82704

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: This need was brought to the forefront of the City's pedestrian improvement list by a 2007-08 study funded by the Metropolitan Transportation Commission that specifically identified the gap on this street section and recommended the installation of pedestrian facilities. This section of Commodore Drive, adjacent to the Federal Archives building, lacks any sidewalk or safe passage for pedestrians. People walking from the BART station and the 1,063-unit Crossing development to either the Federal Archives, Commodore Park, the nearby schools or Bayhill Office Park and Shopping Center are forced to walk alongside automobile traffic. Additionally, 121 residents and workers have petitioned the City to improve pedestrian access in this area.

LIFE EXPECTANCY: 50 years.

2008-09 STATUS: New project. Staff submitted a grant request to the State of California Safe Routes to School program in the hopes of reducing the amount of local funding necessary to complete the project. Staff will report back to the City Council should those funds be awarded.

2009-10 WORK PLAN: Prepare plans and specifications. If the City receives funding from the Safe Routes to School program, design and construction will not proceed until approval is received from Caltrans. Should that be the case, construction will be delayed until approximately November 2010. If Safe Routes to Schools funding is not awarded, staff plans to construct in June 2010.

PROJECTED COMPLETION DATE: November 2010.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Future Years	Total Appropriations
RDA	0	0	160,000	0	160,000
TDA Art. 3 Grant	0	0	160,000	0	160,000
Total	\$0	\$0	\$320,000	\$0	\$320,000

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Future Years	Total Expenditures
0610: Design	0	0	15,000	0	15,000
0620: Construction	0	0	305,000	0	305,000
Total	\$0	\$0	\$320,000	\$0	\$320,000

ONGOING FINANCIAL IMPACT: Minimal.

FLEETWOOD DRIVE TRAFFIC-CALMING PROJECT

PROJECT DESCRIPTION: Fleetwood Drive is a collector roadway that runs approximately 2-miles from the northern City limit at Westborough Boulevard to Crestwood Drive. Based on numerous citizen comments and concerns regarding traffic issues on Fleetwood Drive, staff developed the following project with input from the Traffic Safety and Parking Committee and guidance provided by the City Council:

Education:

- Install approximately twenty additional speed limit signs and approximately ten new “25 MPH” pavement markings to reinforce the established 25 MPH speed limit.

Engineering:

- Repaint and refresh center line (7,600 feet +/-) and install new solid white lane edge markings (11,000 +/-) to reduce the width of the driving lanes. See Site Plan, attachment 2.
- Add high-visibility “hatched” painted crosswalk markings at the intersections of Fleetwood & Berkshire, and Fleetwood & Rollingwood.
- Add new “Pedestrian Crossing” paddles at mid-block crosswalk at Fleetwood Park.

In addition to these recommended mitigation measures, the TSPC also recommended that staff perform full “Stop-Sign” warrant studies for the intersections of Fleetwood Drive and St. Cloud Drive and Fleetwood Drive and Cottonwood Drive to determine whether any additional Stop signs should be considered at these two locations. Construction of these and other traffic-calming components will be included in the 2010-11 budget.

PROJECT NUMBER: 82705

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: The project will mitigate the significant traffic concerns on this roadway, resulting in a safer neighborhood for the residents, pedestrians and automobiles.

LIFE EXPECTANCY: 10 years.

2008-09 STATUS: No work.

2009-10 WORK PLAN: Prepare plans and specifications, award construction contract and complete construction. Complete study and design for second phase of work.

PROJECTED COMPLETION DATE: June 2010.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	2010-11 Request	Total Appropriations
Measure A	0	0	97,000	73,000	170,000
Total	\$0	\$0	\$97,000	\$73,000	\$170,000

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	2010-11 Request	Total Expenditures
0610: Design	0	0	30,000	8,000	38,000
0620: Construction	0	0	67,000	65,000	132,000
Total	\$0	\$0	\$97,000	\$73,000	\$170,000

Ongoing Financial Impact: Minimal. Refreshment of pavement markings will be incorporated into the existing Citywide pavement marking refreshment program.

NEIGHBORHOOD TRAFFIC-CALMING PROGRAM

PROJECT DESCRIPTION: In 2007, the Traffic Safety and Parking Commission (TSPC) began a series of public hearings to develop a comprehensive method to address traffic calming issues in City neighborhoods—adopted by City Council September 25, 2007. This method takes into consideration the types of streets within a particular neighborhood and identifies the particular issues residents want addressed. Each request by a neighborhood for traffic-calming measures is evaluated against this method.

This program funds the analysis and implementation of traffic-calming measures that have undergone evaluation by both the TSPC and City Council. Current efforts underway include:

- Improvements related to vehicle and pedestrian circulation around Belle Air School
- Improvements to the intersection at Santa Lucia Avenue and Desoto Way
- Installation of traffic circles on San Anselmo Avenue
- Improvements on Crystal Springs Avenue from Hazel Avenue to Donner Avenue

As these traffic-calming improvements address unique traffic conditions and constraints, and because the City has limited experience implementing these types of projects, the cost for their design and construction are difficult to estimate. The appropriation requests below reflect the City's best effort to estimate costs and may change as the specific improvements move from concept to completed design.

PROJECT NUMBER: 82662

PROJECT MANAGER: Principal Civil Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: This program systematically addresses neighborhood traffic issues with the most cost-effective measures available.

LIFE EXPECTANCY: Life span of improvement depend upon the type of measures put in place (e.g. pavement markings, speed bumps, street realignment, etc), ranging from 5—20 years.

2008-09 STATUS: Completed design of traffic-calming project within and around Belle Air School and Lions Field. The project comprehensively addresses vehicular circulation in front of Belle Air School, the parking lot at Lions Field and First Avenue through repaving and pavement markings. In addition it installs sidewalk to ensure safe pedestrian travel. Initiated and made progress on design of traffic circles on San Anselmo Avenue. Completed design of traffic improvements at the intersection of Santa Lucia and Desoto.

2009-10 WORK PLAN: Award contract and complete construction of Belle Air School and Lions Field traffic-calming project. Complete construction of improvements to Santa Lucia/Desoto intersection as well as the traffic circles on San Anselmo Avenue. Design improvements to Crystal Springs Avenue from Hazel to Donner Avenues. Develop policy regarding parking restriction requests and a traffic-calming toolkit, which provides standardized solutions to traffic calming issues.

PROJECTED COMPLETION DATE: Neighborhoods will receive the appropriate traffic calming measures throughout 2010.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	2010-11 Request	Total Appropriations
Measure A	190,000	6,850	311,875	0	501,875
Gas Tax	0	0	311,875	200,000	511,875
Total	\$190,000	\$6,850	\$623,750	\$200,000	\$1,013,750

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	2010-11 Request	Total Expenditures
0610: Design	8,314	37,196	102,600	15,000	163,110
0620: Construction	96,941	29,396	523,000	175,000	824,337
0640: Study	3,465	7,838	5,000	10,000	26,303
Total	\$108,720	\$74,430	\$630,600	\$200,000	\$1,013,750

ONGOING FINANCIAL IMPACT: Maintenance of speed hump pavement markings and striping to occur as part of regular ongoing street maintenance.

PEDESTRIAN AND BICYCLE MASTER PLAN

PROJECT DESCRIPTION: The City has a number of locations in need of pedestrian and bicycle related improvements. However, there is not a clear process to specifically inventory the locations, prioritize those locations based on need, or to identify the specific projects required to improve existing conditions. Having a master plan that comprehensively addresses all known deficiencies and outlines specific capital improvement projects better positions the City to successfully compete for grant funding.

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: The newly adopted General Plan calls for a number of improvements related to bicycle and pedestrian access. As the improvements are made, there will be fewer barriers for residents to reduce automobile use, therefore lowering San Bruno's carbon footprint.

LIFE EXPECTANCY: 10 years

PROJECTED PROJECT START DATE: 2010

PROJECTED COMPLETION DATE: 2011

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Total Project Cost	2010-11 Request
Unidentified	50,000	50,000
Total	\$50,000	\$50,000

ONGOING FINANCIAL IMPACT: Minimal.

SIDEWALK REPAIR PROGRAM

PROJECT DESCRIPTION: More than 3,000 locations in San Bruno with sidewalk separations of over $\frac{3}{4}$ -inch were noted in a Summer 2004 survey. Damage is caused by deteriorating sidewalks, vehicles, and by trees planted in close proximity to many of the City's sidewalks. This project also includes repairs to curb and gutter, which often has to be replaced at City expense when adjacent to sections of sidewalk are removed, and installation of curb ramps at street corners for Americans with Disabilities Act compliance.

A combination of approaches will be necessary to fix damaged sidewalks in the community, including development of a revised ordinance which includes formalization of the property owner's responsibility for repair costs under the Streets and Highway Code and establishment of City or property owner responsibility for sidewalk damage caused by street trees.

PROJECT NUMBER: 83908

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Repair and replacement of aging and damaged sidewalks will promote economic development in the form of higher property values, enhances the community's appearance, and reduces the City's exposure to trip and fall liability.

LIFE EXPECTANCY: Inspecting and replacing damaged sidewalks within a target area will reduce exposure to tripping hazards over a 5-7 year time period. After that, a multi-year program cycle of re-inspection and repair would be instituted.

2008-09 STATUS: To date this project has included the removal and replacement of 14,078 sq ft of sidewalk, 414 linear feet of curb and gutter, 3,053 sq ft of driveway approach, 288 linear feet of sidewalk grinding/cutting, and the removal and disposal of 46 trees.

2009-10 WORK PLAN: Staff plans to award a standing contract to a qualified concrete contractor to facilitate the next phase of sidewalk repair that will include a greater percentage of property owner participation. At this time, staff is recommending an annual contribution of \$80,000 toward sidewalk repair, with \$30,000 coming from homeowners. Staff will engage City Council for policy direction on property owner responsibility.

PROJECTED COMPLETION DATE: Ongoing program.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	2010-12 Request	Total Appropriations
Gas Tax	150,000	0	57,252	0	207,252
Measure A	75,000	(57,252)	50,000	200,000	325,000
RDA	100,000	0	0	0	100,000
Stormwater Fund	25,000	0	0	0	25,000
CIWMB Grant	25,000	0	0	0	25,000
ABAG Grants	10,000	0	0	0	10,000
Homeowner Part.	32,371	0	30,000	120,000	182,371
Total	\$417,371	(\$57,252)	\$137,252	\$320,000	\$874,623

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	2010-12 Request	Total Expenditures
0610: Design	32,544	2,688	0	16,000	51,232
0620:					
Construction	336,928	102,462	80,000	304,000	823,391
Total	\$369,472	\$105,150	\$80,000	\$320,000	\$874,623

ONGOING FINANCIAL IMPACT: Policy established by the City Council to subsidize the repair costs, future financial impacts to the City for other areas in the City could range from minimal to substantial.

SNEATH LANE BICYCLE LANE BETWEEN EL CAMINO REAL AND HUNTINGTON AVENUE

PROJECT DESCRIPTION: This project will reconfigure driving lanes and create a new Class 2 bicycle lane on Sneath Lane from El Camino Real to Huntington Avenue. The new bicycle lane will close a gap in a major east-west bicycle route designated on the San Mateo County Bicycle Plan to connect the regional trail at Highway 35 and the upper areas of the City to the San Bruno BART station, the retail and commercial uses in the Tanforan area, and the new bike trail in South San Francisco.

In addition, the lane reconfiguration and rehabilitation to accommodate the new bike lane will improve vehicle circulation in the vicinity of Tanforan Mall, Towne Center, and the new Cinema.

PROJECT NUMBER: 82664

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Completes major San Mateo County Bike Plan east-west connection between Skyline regional trail and San Bruno BART and improves road conditions.

LIFE EXPECTANCY: 10 years.

2008-09 STATUS: In order to get the most cost effective construction contract, it was determined that this project be done in conjunction with the Street Rehabilitation Program. However, due to the impact of the paving work occurring under the paving project funded by the American Reinvestment and Recovery Act, additional construction work on the Street Rehabilitation Program has been postponed until Summer 2010.

2009-10 WORK PLAN: Complete project design. Construction to occur in Summer 2010.

PROJECTED COMPLETION DATE: August 2010.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES: Staff has secured grant funding to offset striping-related costs.

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	2010-11 Request	Total Appropriations
Measure A	43,000	74,238	0	0	43,000
TDA Art. 3 Grant	32,500	0	0	0	32,500
Total	\$75,500	\$74,238	\$0	\$0	\$75,500

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	2010-11 Request	Total Expenditures
0610: Design	0	1,262	1,100	0	2,362
0620: Construction	0	0	0	73,138	73,138
Total	\$0	\$1,262	\$1,100	\$73,138	\$75,500

ONGOING FINANCIAL IMPACT: None.

STREET REHABILITATION PROGRAM

PROJECT DESCRIPTION: This program involves the repair and preventative maintenance treatment to local, collector and arterial streets based on street condition identified through the use of the City's Pavement Management Program (PMP). This computer database matches street section characteristics with recently completed pavement condition inspection data to determine candidate streets for resurfacing. The goal would be to achieve an average pavement condition PMI equal or greater to 70. The present average in the City is 65.

The City's PMP is designed to maximize the longevity of streets with timely and cost effective maintenance and repairs while working within budget constraints. By doing so, the infrastructure investment that the City has made in the street system over past years is preserved. Accelerated roadway deterioration leads to an increase in overall roadway maintenance costs. A street in good condition also prevents the formation of hazardous conditions such as potholes.

Staff is in the process of completing a new inventory measuring street condition throughout the City. Once complete, staff will report back to the City Council to recommend a sustainable street rehabilitation program to achieve and maintain a PMI of 70.

PROJECT NUMBER: 82666

PROJECT MANAGER: Associate Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Improves appearance and safety of City streets.

LIFE EXPECTANCY: From 10 to 20 years.

2008-09 STATUS: Awarded construction contract and completed street rehabilitation and preventative maintenance on approximately 30 streets sections throughout San Bruno. Initiated and substantially completed a pavement condition survey to yield an accurate assessment of pavement condition for all street sections.

2009-10 WORK PLAN: With the updated pavement conditions, work with the City Council to select additional streets for reconstruction and preventative maintenance. Release project for bidding and award construction contract.

PROJECTED COMPLETION DATE: Ongoing.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	2010-15 Request	Total Appropriations
Measure A	1,000,000	659,787	600,000	2,400,000	4,000,000
Prop. 1B	679,000	0	626,600	0	1,305,600
RDA	200,000	0	0	800,000	1,000,000
Total	\$1,879,000	\$659,787	\$1,226,600	\$3,200,000	\$6,305,600

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	2010-15 Request	Total Expenditures
0610: Design	7,905	16,063	25,000	100,000	148,968
0620: Construction	0	1,195,245	1,861,387	3,100,000	6,156,632
Total	\$7,905	\$1,211,308	\$1,886,387	\$3,200,000	\$6,305,600

ONGOING FINANCIAL IMPACT: Regular street rehabilitation should reduce ongoing streets maintenance.

STREETLIGHT REPLACEMENT PROGRAM

PROJECT DESCRIPTION: This program will systematically replace deteriorated or outmoded streetlights, and replace existing high voltage series circuits with new low voltage parallel circuits.

The City operates approximately 2,000 streetlights. Most of these streetlights and their power supply systems are 50 or more years old and approaching the end of their useful life. Replacement parts are becoming difficult to obtain and the high voltage power supply is an outmoded method that PG&E has scheduled for abandonment.

Though the need for replacement is clear, the process of replacing and acquiring sufficient funding is not. Therefore, the City first conducted a study to assess the scale of the replacement need, develop an outline of a replacement plan, and provide a planning level cost estimate for replacement. This work, successfully accomplished in the 2008-09 Streetlight Replacement Study, now gives direction to the Streetlight Replacement Program.

Based on the outcome of the study, the City will proceed with the following action plan:

- Continue with the inventory of all streetlights for exact position and condition.
- Develop a design standard for replacement streetlight poles and bulbs.
- Create plans and specifications to change streetlights on high voltage series circuits to low voltage parallel circuits (these documents will also be used to apply for grant funding).
- Replace the series circuit streetlights with parallel circuit streetlights.
- Applying the design standard, replace streetlights and poles as funding allows.

This program is enormous and costly; requiring a number of years to complete. Although a portion of the project can be paid for by the Redevelopment Agency for those streetlights in the redevelopment area, the total \$6 million price tag likely requires an infusion of outside funds to replace all City streetlights. The City will aggressively pursue any available grant funding to accomplish this project.

PROJECT NUMBER: 82706

PROJECT MANAGER: Deputy Director of Operations and Maintenance

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: This project will mitigate hazards due to high voltage power distribution system and will improve safety and reliability of streetlights.

LIFE EXPECTANCY: 50 years.

2008-09 STATUS: No work.

2009-10 WORK PLAN: Develop a design standard for streetlight pole and bulb replacement. Award an electrical engineering contract to create plans and specifications for the replacement of certain high voltage series circuits that are prone to failure. The plans will then be submitted to PG&E for possible funding. Identify and apply for any applicable grants that would fund a rehabilitation project.

PROJECTED COMPLETION DATE: Spring 2010 for design standards and specifications. Construction will occur as future funding becomes available.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Unidentified Funding Request	Total Appropriations
Gas Tax	0	0	100,000	0	100,000
RDA	0	0	0	400,000	400,000
Unidentified	0	0	0	5,200,000	5,200,000
Total	\$0	\$0	\$100,000	\$5,600,000	\$5,700,000

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Unidentified Funding Request	Total Expenditures
0600: Pre-design	0	0	25,000	60,000	85,000
0610: Design	0	0	75,000	500,000	575,000
0620: Construction	0	0	0	5,040,000	5,040,000
Total	\$0	\$0	\$100,000	\$5,600,000	\$5,700,000

ONGOING FINANCIAL IMPACT: Investment in replacement of streetlights and power supply systems will reduce annual street light maintenance costs.

TRAFFIC SIGNAL BATTERY BACKUP INSTALLATION PROJECT

PROJECT DESCRIPTION: This will modify the controller and install a battery backup power supply at every traffic signal within city limits. Many of the City's traffic signals do not have a battery backup. In the event of a power outage, then, those signals go dark, resulting in unsafe intersections where vehicles may fail to yield in the proper manner. A battery backup will enable the traffic signal to emit a blinking red light instead, thereby clearly indicating that all vehicles approaching the intersection should come to a stop before proceeding onward.

Initially funded in the 2008-09 budget, the Association of Bay Area Governments subsequently announced a SMART Corridor program that will accomplish much of what this project originally proposed. So as not to duplicate effort, staff recommends deferring additional work on this project until more details are known about the SMART Corridor program.

PROJECT NUMBER: Not Yet Assigned

PROJECT MANAGER: Associate Engineer

DEPARTMENT: Public Services

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Installation of battery backups will improve safety throughout the City during periods of power outage that might be caused by a storm, earthquake, rolling blackout or other causes.

LIFE EXPECTANCY: 15 years

PROJECTED PROJECT START DATE: Unidentified

PROJECTED COMPLETION DATE: Unidentified

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Total Project Cost	Unidentified Funding Years
Unidentified	320,000	320,000
Total	\$320,000	\$320,000

ONGOING FINANCIAL IMPACT: Minimal.

TECHNOLOGY CAPITAL
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SUMMARIES
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**2009-14
TECHNOLOGY CAPITAL IMPROVEMENT PROGRAM**

The Technology Capital Improvement Fund provides for major upgrades and improvements to the technology infrastructure supporting City operations. The Technology Capital Fund ensures a coordinated approach to defining and addressing the organization’s current and future technology needs. All improvements in this Fund are intended to provide employees with access to efficient technological tools necessary to deliver excellent customer service to all customers. The departments benefiting from specific upgrades or the City’s various operating Funds generate the Technology Capital Fund’s revenues.

PROJECTS IN THE 2009-14 WORK PLAN

- Computerized Maintenance Management System
- Digital Plan Check and Permit System
- Document Imaging System
- Geographic Information System
- Phone System Replacement

PROJECTS REMOVED FROM BUDGET

- Financial Management Suite (completed)

**2009-10 TECHNOLOGY WORK PROGRAM
FINANCIAL SUMMARY**

Project	Carry-Over Appropriations	2009-10 Funding Source		
		Document Imaging Fee	Equipment Reserve	Wastewater Capital
Computerized Maintenance Management System	157,918			
Digital Plan Check and Permit System	7,344			
Document Imaging System	(14,525)	6,122		
Geographic Information System	14,213			
Phone System Replacement	0		93,482	
Total	\$164,950	\$6,122	\$93,482	\$0

**TECHNOLOGY CAPITAL IMPROVEMENT FUND
CASH SHEET**

	2008-09 Budget	2008-09 Est. Actual	2009-10 Adopted
Beginning Balance, July 1	\$540,103	\$448,989	\$347,831
Revenues			
Transfers In			
Document Imaging Fee	6,122	6,122	6,122
Technology Reserve	0		93,482
Water Capital	10,000	10,000	
Wastewater Capital	10,000	10,000	
Total Revenues	26,122	26,122	99,604
Expenses			
Capital Improvement Program Expenses	565,822	127,280	279,079
Total Expenses	565,822	127,280	279,079
Ending Balance, June 30	\$403	\$347,831	\$168,356

**TECHNOLOGY CAPITAL 2009-14 WORK PROGRAM
FUNDING SUMMARY**

Project	Total Project Cost	Prior Years Funding	2009-10	2010-11	2011-12	2012-13	2013-14	Unidentified Funding Year
Technology Capital								
Computerized Maintenance Management System	180,000	180,000	0	0	0	0	0	0
Digital Plan Check and Permit System	68,600	55,800	0	12,800	0	0	0	0
Document Imaging System	125,758	95,110	6,122	24,526	0	0	0	0
Geographic Information System	77,000	77,000	0	0	0	0	0	0
Phone System Replacement	186,964	0	93,482	93,482	0	0	0	0
Total	\$638,322	\$407,910	\$99,604	\$130,808	\$0	\$0	\$0	\$0

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CAPITAL PROJECTS
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COMPUTERIZED MAINTENANCE MANAGEMENT SYSTEM

PROJECT DESCRIPTION: This project will implement a computerized maintenance management system (CMMS) for Public Works and related activities, capable of generating and tracking work orders, providing asset data for financial reporting, and providing a customer relationship management component. Software selection and installation will be performed in conjunction with the Information Technology Division. The selected software will be based on a SQL platform, allowing integration with the financial software packages.

PROJECT NUMBER: 84326

PROJECT MANAGER: Deputy Public Services Director

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: Implementation of a CMMS will improve customer service delivery that is provided to the community.

LIFE EXPECTANCY: 10+ years.

2008-09 STATUS: CMMS operational and producing work orders for the wastewater system. Completed asset analysis of every underground and aboveground wastewater system asset, including line segments, manholes and pumping stations—a cataloging of over 3,000 assets. Integrated data received from closed circuit televising of sewer mains into the CMMS.

2009-10 WORK PLAN: Begin work inputting data and conducting an asset analysis on streetlights, stormwater and water assets. Work will continue into the near future as data is loaded into the CMMS and becomes fine-tuned to the needs of the organization.

PROJECTED COMPLETION DATE: Ongoing project.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Future Years	Total Appropriations
Wastewater Capital	71,250	59,168	0	0	71,250
Water Capital	71,250	61,250	0	0	71,250
Gas Tax	37,500	37,500	0	0	37,500
Total	\$180,000	\$157,918	\$0	\$0	\$180,000

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Future Years	Total Expenditures
0010: Prof. Services	0	14,650	157,918	0	172,568
4251: Data Equip.	7,432	0	0	0	7,432
Total	\$7,432	\$14,650	\$157,918	\$0	\$180,000

ONGOING FINANCIAL IMPACT: Ongoing assistance of CMMS product team will be required in order to attain full software capabilities.

DIGITAL PLAN CHECK & PERMIT SYSTEM

PROJECT DESCRIPTION: Implement a Digital Plan Check and Permit System to allow City staff to view development submittals and keep track of data in an expeditious and environmentally friendly manner.

PROJECT NUMBER: 83012

PROJECT MANAGER: Community Development Director

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: The Digital Plan Check System will allow the City to drastically reduce the amount of paper produced during the planning and building plan check process. Applicants and citizens will be able to submit/resubmit building plans via email or disc, and the paper plans will only be printed when are complete or approved. Development plans would be viewed digitally in PDF or similar format by all departments and comments would also be received digitally. Planning Division submittals would only be printed when complete (for ARC and Planning Commissioner members).

This would also improve the service to the citizens, as it would reduce the cost of reprinting plans numerous times, and would expedite the plan check process as plans could be routed via email. The Digital Plan check system will also allow applicant's to check the status of their plan checks from home, as well as access existing permit information.

The digital plan check will allow the Code Enforcement and Building inspectors to access information from the field. Building inspectors can view inspection information from the field, view images and enter in data when necessary. By also utilizing a camera and a camcorder, the inspectors will be able to photograph or videotape inspections for training or legal purposes. Digital information, such as "video handouts" will also be able to be posted on the City's website, to make information accessible to any citizen with access to a computer.

LIFE EXPECTANCY: Ongoing, with upgrades when necessary.

2008-09 STATUS: During 2008-09 the Community Development Department began to accept planning building applications digitally. A large format scanner and plotter were purchased and installed. Previously, digital cameras, a camcorder, large monitors and desktops were purchased for planners and building inspectors to review plans and photograph inspections.

2009-10 WORK PLAN: The goal of the Community Development Department is to accept at least 50% of planning applications, and 25% of the building applications digitally by the end of the fiscal year. Purchase software to allow plan reviewers to mark up plans and provide comments to applicants.

PROJECTED COMPLETION DATE: Ongoing.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	2010-11 Request	Total Appropriations
Technology Fee	55,800	7,344	0	12,800	68,600
Total	\$55,800	\$7,344	\$0	\$12,800	\$68,600

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	2010-11 Request	Total Expenditures
4251: Data Equip.	24,877	23,579	7,344	12,800	68,600
Total	\$24,877	\$23,579	\$7,344	\$12,800	\$68,600

ONGOING FINANCIAL IMPACT: Data Storage (i.e., additional server), Plotter Servicing, Plotter Toner.

DOCUMENT IMAGING SYSTEM

PROJECT DESCRIPTION: Phase II of the document imaging system project provides for scanning of microfiche records and large format plans and integration into the document imaging system which was installed in Phase I. The project will replace the current microfilm system, which is outdated and inefficient. Microfilm images are hard to read and in some cases illegible, and the microfilm viewer is increasingly difficult to maintain and service.

PROJECT NUMBER: 83011

PROJECT MANAGER: Community Development Director

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: This project improves storage, archiving, retrieval, legibility, and future reproduction of all finalized building documents. The document archiving system improves customer service, while increasing productivity and making better use of staff time. The system allows greater accessibility to documents by the public, building trade professionals, and government officials.

LIFE EXPECTANCY: Ten years

2008-09 STATUS: During 2008-09, the Community Development Department's complete collection of microfiche images of older building permits was converted to digital images and the majority of recent building permit records and plans were scanned. All digital images were uploaded to the SIRE document imaging database and are available for staff and the public to view on the City's website. Previously, the document imaging software (SIRE), document imaging server, and desktop scanner and workstation were purchased and installed and purchased new data servers with storage capacity adequate for electronic documents.

2009-10 WORK PLAN: Scanning of the backlog of permits, projects and large format plans will be completed this fiscal year. Ongoing scanning of new building permits and planning documents will be performed by staff of the Community Development Department.

PROJECTED COMPLETION DATE: July 1, 2009

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	2010-11 Request	Total Appropriations
RDA	34,488	0	0	0	34,488
Document Imaging Fee	41,122	(14,526)	6,122	24,526	71,770
Tech. Operations	19,500	0	0	0	19,500
Unidentified	0	0	0	0	0
Total	\$95,110	\$(14,526)	\$6,122	\$24,526	\$125,758

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	2010-11 Request	Total Expenditures
0010: Prof. Services	16,079	65,430	6,122	10,000	97,631
4251: Office Equip	24,031	4,096	0	0	28,127
Total	\$40,110	\$69,526	\$6,122	\$10,000	\$125,758

ONGOING FINANCIAL IMPACT: The ongoing maintenance cost of this project will be paid for through the document-imaging fee on every building permit.

GEOGRAPHIC INFORMATION SYSTEM

PROJECT DESCRIPTION: This project will implement a Geographic Information System (GIS) to improve data access and allow City departments to coordinate databases, share information resources and view information with digital maps.

PROJECT NUMBER: 83921

PROJECT MANAGER: Housing and Redevelopment Manager

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: GIS allows departments that utilize spatial data to make information available more rapidly and accurately to both City departments and the public. GIS will enable the City to provide timely information on City parks and facilities, infrastructure, land use, and emergency operations.

LIFE EXPECTANCY: Twenty years, with upgrades every two to three years.

2008-09 STATUS: Updated City base map to include new developments, created map of manholes and waste water system. Completed update of Emergency Response Map and printed 4 copies. Began development of detailed “target hazard” maps for approximately 100 large developments to be included in Emergency Response Run Books.

2009-10 WORK PLAN: Continue refinement of the City base map and create “target hazard” maps for Emergency Response Run Books. Develop web-based access to GIS maps related to land use and property data, and selected infrastructure. Coordinate with Public Works to integrate map data developed for the CMMS project.

PROJECTED COMPLETION DATE: Unidentified

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	Future Years	Total Appropriations
RDA Capital	30,000	0	0	0	\$30,000
Technology Capital	32,000	14,213	0	0	32,000
State Grant	15,000	0	0	0	15,000
Total	\$77,000	\$14,213	\$0	\$0	\$77,000

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	Future Years	Total Expenditures
0010: Prof. Services	21,390	19,525	14,213	0	55,128
4251: Data Equip.	21,872	0	0	0	21,872
Total	\$43,262	\$19,525	\$14,213	\$0	\$77,000

ONGOING FINANCIAL IMPACT: Software maintenance, web hosting and licensing expenses of approximately \$11,000 per year, software upgrades every two to three years of \$10,000, plus cost to develop new maps.

PHONE SYSTEM REPLACEMENT

PROJECT DESCRIPTION: This project will replace the current phone and voicemail system.

PROJECT NUMBER: 83013

PROJECT MANAGER: Information Technology Analyst

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: The objective of this project is to ensure continued operation of the City's Municipal Phone Network for the next five (5) years by replacing outdated phone and voicemail system equipment with a new system including features such as unified messaging, fax, and voice recognition.

LIFE EXPECTANCY: 5 years

2009-2010 WORK PLAN: Determine specifications and scope of project by various product demonstrations, feature lists, site inspections, generate and distribute RFP, Review submittals and award of contract, installation of networking equipment.

Future Years WORK PLAN: Training for users, and the systematic replacement of the 251 desktop phone units.

PROJECTED COMPLETION DATE: The anticipated completion date is May 2011.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2009-10 Request	2010-11 Request	Total Appropriations
Equipment Replacement	0	0	93,482	93,482	186,964
Total	\$0	\$0	\$93,482	\$93,482	\$186,964

Line Item Expenditures	Prior Expenses	2008-09 Expenses	2009-10 Adopted	2010-11 Request	Total Expenditures
0010: Prof. Services	0	0	27,525	0	27,525
4251: Data Equip.	0	0	65,957	93,482	159,439
Total	\$0	\$0	\$93,482	\$93,482	\$186,964

ONGOING FINANCIAL IMPACT: The ongoing maintenance cost of this project will be paid through Technology Operations.

APPENDIX
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RESOLUTION NO. 2009 - 64

**RESOLUTION APPROVING THE CITY'S APPROPRIATIONS LIMIT OF \$29,448,000
FOR 2009-10 (GANN INITIATIVE)**

WHEREAS, Article XIII of the California Constitution and Section 7900 et seq. of the California Government Code require cities to adopt limits on appropriations for each fiscal year, and

WHEREAS, the Appropriation Limit has been calculated for the fiscal year 2009-10 and is set forth in that certain document Appropriations Limit Calculation for Fiscal year 2009-10, Attachment A, attached hereto and made a part hereof, and

WHEREAS, the staff report and the documentation used in determining the Appropriations Limit and the appropriations subject to limit have been made available to the public as required by law, and

NOW, THEREFORE, BE IT RESOLVED by the San Bruno City Council that:

1. The adjustment factors selected for calculating this Appropriations Limit are based on California Per Capita Income change of 0.62% and the City of San Bruno population change of 1.21%;
2. The Appropriation Limit for 2009-10 fiscal year is established at \$29,448,000; and
3. The City Council reserves the right to recalculate this Appropriations Limit utilizing Non-Residential Assessed Valuation.

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I hereby certify that foregoing **Resolution No. 2009 - 64** was introduced and adopted by the San Bruno City Council at a regular meeting on June 23, 2009, by the following vote following vote:

AYES: Councilmembers: Ibarra, Medina, O'Connell, Ruane, Mayor Franzella

NOES: Councilmembers: None

ABSENT: Councilmembers: None



Vicky S. Hasha, Deputy City Clerk

Attachment A

**City of San Bruno
2009-10 Gann Appropriation Limit
June 23, 2009**

2008-09 Appropriation Limit		\$ 28,916,761
Calculation of 2009-10 Adjustment Factor		
Annual Change Factors		
Cost of Living Adjustment Factors for 2009-10		
California Per Capita Income (CPCPI)	0.62%	
Population Adjustment Factors for 2009-10		
San Bruno Population Change	1.21%	
Adjustment Factor for 2009-10		
(1 + 0.0429) x (1 + 0.0377)		1.0184
2009-10 Appropriation Limit as Adjusted		<u>29,448,107</u>
2009-10 Estimated Tax Proceeds Subject to Appropriations Limit		
Property Taxes		
Current Secured & Unsecured	5,000,000	
In-Lieu of Sales Tax	1,575,000	
In-Lieu of Vehicle License Fees	3,246,410	
Supplemental Taxes	150,000	
Property Transfer Tax	100,000	
Homeowner's Property Tax Exemption	<u>25,000</u>	
Subtotal - Property Taxes	10,096,410	
General Sales Tax	4,200,000	
Hotel/Motel Tax	1,299,000	
Business Taxes	2,902,728	
Vehicle License Fee & Off-Highway License	<u>145,960</u>	
Total Estimated Taxes Subject to Appropriations Limit		18,644,098
2009-10 Proposed Expenditures Exempt from Limit		
Social Security & Medicare payments	280,074	
San Mateo County Charges	477,083	
FLSA - Fire	<u>105,534</u>	
Total Proposed Expenditures Exempt from Limit		(862,691)
2009-10 Appropriations Subject to Limit		<u>17,781,407</u>
Over (Under) Appropriations Limit		<u>\$ (11,666,700)</u>
Percent Over (Under)	-40%	