

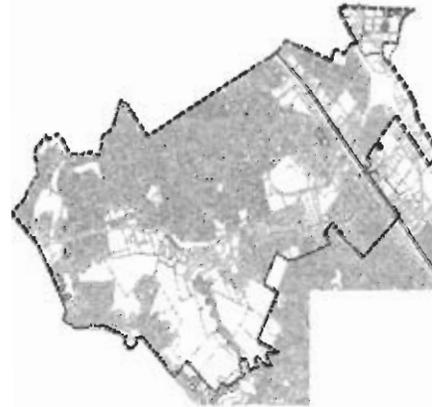
Division 4326, Sewer Capital Construction
 Fund 503, Sewer Enterprise-Capital

Division:
 Department:
 Project:

Sewer Capital Construction
 Public Works
 7003 -- Sewer Rehabilitation-Annual Program

Project Narrative:

This project is used to address necessary but previously unidentified sewer improvements such as those are needed in conjunction with other storm drain, street repair or paving improvement projects. It is usually cost-effective to complete necessary sewer repairs before the streets are repaved. The project may also be to replace or repair sudden sewer failures resulting collapse or offset through earth movement. The third use for funds in this project is to increase the budget for other defined CIP sewer projects are found to have insufficient budget for contract award and/or change orders.



FUNDING SOURCES

Account		Description	Actual	Estimated	Proposed	Planned	Planned	Planned	Planned	Total
Acct	SubAcct		Prior Actual	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	
5120	5120	Fund Balance	\$ 33,073	\$ 150,000	\$ 120,000	\$ 125,000	\$ 130,000	\$ 135,000	\$ 140,000	\$ 833,073
Funding Sources			\$ 33,073	\$ 150,000	\$ 120,000	\$ 125,000	\$ 130,000	\$ 135,000	\$ 140,000	\$ 833,073

EXPENDITURES

Account		Description	Actual	Estimated	Proposed	Planned	Planned	Planned	Planned	Total
Acct	SubAcct		Prior Actual	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	
9030	8331	Engineering/Architectural	\$ 1,864	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,864
9030	8351	Other Professional/Technical	\$ 20,440	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,440
9030	9030	Improvements Other Than Building	\$ 10,969	\$ 150,000	\$ 120,000	\$ 125,000	\$ 130,000	\$ 135,000	\$ 140,000	\$ 810,969
TOTAL EXPENDITURES			\$ 33,073	\$ 150,000	\$ 120,000	\$ 125,000	\$ 130,000	\$ 135,000	\$ 140,000	\$ 833,073

Division 4326, Sewer Capital Construction	Division:	Sewer Capital Construction
Fund 503, Sewer Enterprise-Capital	Department:	Public Works
	Project:	7024 -- Haskins & Hastings Pump Stat Rehab

Project Narrative:
Haskins and Hastings Pump Station Rehabilitation

In 1996, a study was conducted to evaluate the condition of the nine pump stations in the sanitary sewer system in existence at that time. Construction on three stations, San Juan, Hiller, and North, that critically required upgrade and rehabilitation has been completed. Haskins and Hastings are relatively newer and in good condition, but need a change-out of some components and some minor upgrades.

The Haskins Station, located at the intersection of Haskins Drive and East Laurel Creek Road, was built in 1982. It has sufficient capacity (600 gallons per minute), but needs new pumps and upgraded pump controls. The Hastings Station, located at the top of Hastings Drive, was built in 1974. The Hastings Station has sufficient capacity (500 gallons per minute), but needs new pumps, pump controls, and valves. Design will be completed in FY 2004 and construction improvements are scheduled in FY 2005.



FUNDING SOURCES

Account		Description	Actual	Estimated	Proposed	Planned	Planned	Planned	Planned	Total
Acct	SubAcct		Prior Actual	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	
5120	5120	Fund Balance	\$ -	\$ 5,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 155,000
Funding Sources			\$ -	\$ 5,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 155,000

EXPENDITURES

Account		Description	Actual	Estimated	Proposed	Planned	Planned	Planned	Planned	Total
Acct	SubAcct		Prior Actual	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	
9030	8331	Engineering/Architectural	\$ -	\$ -	\$ 9,500	\$ -	\$ -	\$ -	\$ -	\$ 9,500
9030	8610	General Supplies	\$ -	\$ -	\$ 500	\$ -	\$ -	\$ -	\$ -	\$ 500
9030	9030	Improvements Other Than Building	\$ -	\$ 5,000	\$ 140,000	\$ -	\$ -	\$ -	\$ -	\$ 145,000
TOTAL EXPENDITURES			\$ -	\$ 5,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 155,000

Division 4326, Sewer Capital Construction	Division:	Sewer Capital Construction
Fund 503, Sewer Enterprise-Capital	Department:	Public Works
	Project:	7034 -- San Juan Blvd.-Force Main, Improvements

Project Narrative:

San Juan and East Laurel Creek Force Main Improvements

The San Juan Force Main and San Juan Pump Station service the area known as San Juan Canyon. The force main is generally in good condition, but lacks control valves and check valves needed in case of emergencies to ease repairs. An evaluation will be made as to the number and type of valves to be installed. In addition to valving requirements the structural integrity of the force main will be evaluated. Over the next two years improvements will be made to improve the reliability of the force main.

The Haskins pump station and East Laurel Creek force main serves a small area of homes near the end of East Laurel Creek at Haskins Rd. The force main lies along East Laurel Creek and discharges into the San Juan Pump Station. The first phase of work will evaluate the condition of the force main which was built more than 20 years ago using cast iron pipe. Deterioration of the pipe will require spot repairs, lining or replacement to maintain its reliability. Design will be completed in FY 2005 and construction improvements are scheduled in FY 2006.



FUNDING SOURCES

Account		Description	Actual	Estimated	Proposed	Planned	Planned	Planned	Planned	Total
Acct	SubAcct		Prior Actual	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	
5120	5120	Fund Balance	\$ -	\$ -	\$ 100,000	\$ 300,000	\$ -	\$ -	\$ -	\$ 400,000
Funding Sources			\$ -	\$ -	\$ 100,000	\$ 300,000	\$ -	\$ -	\$ -	\$ 400,000

EXPENDITURES

Account		Description	Actual	Estimated	Proposed	Planned	Planned	Planned	Planned	Total
Acct	SubAcct		Prior Actual	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	
9030	8331	Engineering/Architectural	\$ -	\$ -	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ 10,000
9030	8610	General Supplies	\$ -	\$ -	\$ 500	\$ -	\$ -	\$ -	\$ -	\$ 500
9030	9030	Improvements Other Than Building	\$ -	\$ -	\$ 89,500	\$ 300,000	\$ -	\$ -	\$ -	\$ 389,500
TOTAL EXPENDITURES			\$ -	\$ -	\$ 100,000	\$ 300,000	\$ -	\$ -	\$ -	\$ 400,000

Division 4326, Sewer Capital Construction
 Fund 503, Sewer Enterprise-Capital

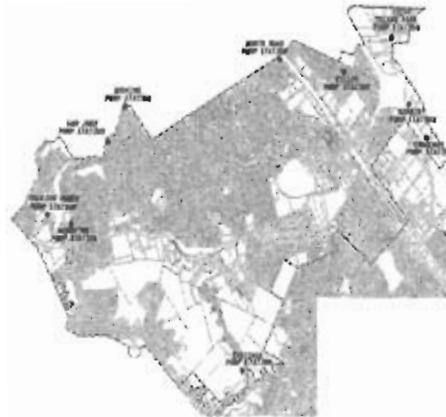
Division:
 Department:
 Project:

Sewer Capital Construction
 Public Works
 7036 -- Other Pump Sta. Rehabilitation

Project Narrative:

Pump Station Rehabilitation

The city has ten sanitary sewer pump stations throughout the city. The three largest and oldest stations have been recently upgraded on individual contracts. The remaining seven stations will require evaluation and replacement of their pumps and electrical systems. An evaluation will be made of these systems to determine the extent of the work needed.



FUNDING SOURCES

Account		Description	Actual	Estimated	Proposed	Planned	Planned	Planned	Planned	Total
Acct	SubAcct		Prior Actual	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	
5120	5120	Fund Balance	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000
Funding Sources			\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000

EXPENDITURES

Account		Description	Actual	Estimated	Proposed	Planned	Planned	Planned	Planned	Total
Acct	SubAcct		Prior Actual	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	
9030	9030	Improvements Other Than Building	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000
TOTAL EXPENDITURES			\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000

Division 4326, Sewer Capital Construction	Division:	Sewer Capital Construction
Fund 503, Sewer Enterprise-Capital	Department:	Public Works
	Project:	7056 – Sewer Rehab-Basins 2, 3, 5 & 6

Project Narrative:
Basins 2, 3, 5 & 6 Rehabilitation

Basins 2, 3, 5 and 6 of the Belmont sewer system comprise the area west of US Highway 101 and lie in East Belmont, Homeview and Central neighborhoods. Basins 2, 3, 5 and 6 were the first areas of the city to go through rehabilitation over 10 years ago. A new inspection and testing program is budgeted. This budget item provides funding to perform the rehabilitation determined by that program. The lines in Basin 5, which were not included into Basins 4 and 5 pipelining project will be also pipelined. This project also includes a pipelining of a 27" line on Dairy Lane, which is in a bad condition.

Sanitary sewer rehabilitation is an ongoing program that requires continuous inspection, upgrading and rehabilitation of the sewer system. Rehabilitation methods may include replacement, pipe bursting, pipe lining and spot repairs. These projects will be developed based on the inspection videotapes and logs.



FUNDING SOURCES

Account		Description	Actual	Estimated	Proposed	Planned	Planned	Planned	Planned	Total
Acct	SubAcct		Prior Actual	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	
5120	5120	Fund Balance	\$ -	\$ -	\$ 760,000	\$ -	\$ -	\$ -	\$ -	\$ 760,000
Funding Sources			\$ -	\$ -	\$ 760,000	\$ -	\$ -	\$ -	\$ -	\$ 760,000

EXPENDITURES

Account		Description	Actual	Estimated	Proposed	Planned	Planned	Planned	Planned	Total
Acct	SubAcct		Prior Actual	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	
9030	8331	Engineering/Architectural	\$ -	\$ -	\$ 19,000	\$ -	\$ -	\$ -	\$ -	\$ 19,000
9030	8599	Miscellaneous	\$ -	\$ -	\$ 1,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000
9030	9030	Improvements Other Than Building	\$ -	\$ -	\$ 740,000	\$ -	\$ -	\$ -	\$ -	\$ 740,000
TOTAL EXPENDITURES			\$ -	\$ -	\$ 760,000	\$ -	\$ -	\$ -	\$ -	\$ 760,000

Division 4326, Sewer Capital Construction
 Fund 503, Sewer Enterprise-Capital

Division:
 Department:
 Project:

Sewer Capital Construction
 Public Works
 7057 -- Basins 7 & 8 Sewer Rehabilitation

Project Narrative:

Basins 7 & 8 Rehabilitation

Basins 7 & 8 of the Belmont sewer system covers Chula Vista Drive, Notre Dame Avenue, Alameda de las Pulgas north of Ralston and surrounding areas. Basins 7 & 8 were rehabilitated in 1993-94. This budget item provides funding to perform the second round of rehabilitation determined by that program.

Sanitary sewer rehabilitation is an ongoing program that requires continuous inspection, upgrading and rehabilitation of the sewer system. Rehabilitation methods may include replacement, pipe bursting, pipe lining and spot repairs. These projects will be developed based on the inspection videotapes and logs.



FUNDING SOURCES

Account		Description	Actual	Estimated	Proposed	Planned	Planned	Planned	Planned	Total
Acct	SubAcct		Prior Actual	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	
5120	5120	Fund Balance	\$ -	\$ -	\$ -	\$ 700,000	\$ -	\$ -	\$ -	\$ 700,000
Funding Sources			\$ -	\$ -	\$ -	\$ 700,000	\$ -	\$ -	\$ -	\$ 700,000

EXPENDITURES

Account		Description	Actual	Estimated	Proposed	Planned	Planned	Planned	Planned	Total
Acct	SubAcct		Prior Actual	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	
9030	9030	Improvements Other Than Building	\$ -	\$ -	\$ -	\$ 700,000	\$ -	\$ -	\$ -	\$ 700,000
TOTAL EXPENDITURES			\$ -	\$ -	\$ -	\$ 700,000	\$ -	\$ -	\$ -	\$ 700,000

Division 4326, Sewer Capital Construction	Division:	Sewer Capital Construction
Fund 503, Sewer Enterprise-Capital	Department:	Public Works
	Project:	7058 -- Master Plan Study

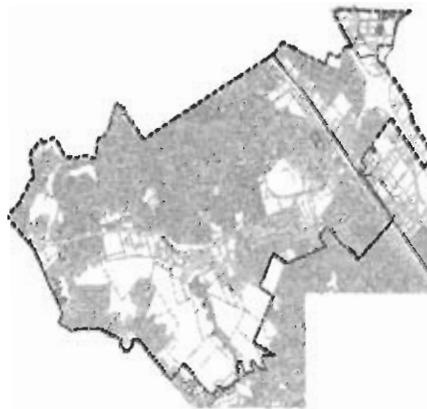
Project Narrative:
Master Plan Study

Development of a Sanitary Sewer System Master Plan is an essential element in the maintenance, operations and improvement of the City's sewer system. Over the past 10 to 20 years, the City has been making improvements and conducting rehabilitation based on the 1980 Sewer Master Plan. It is time to revisit this element and develop the future needs for sewer main capacity, rehabilitation and treatment plant capacity.

Conduit System Capacity Study

The sewer system will be evaluated using current technology consisting of software compatible with the City's GIS system. This software will be able to calculate for potential projected build-out based on zoning to determine future sewer system needs. The software will be capable of re-evaluating the sewer system based on future new development proposals not included in the initial evaluation.

Study to Reevaluate Infiltration/Inflow



FUNDING SOURCES

Account		Description	Actual	Estimated	Proposed	Planned	Planned	Planned	Planned	Total
Acct	SubAcct		Prior Actual	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	
5120	5120	Fund Balance	\$ -	\$ 220,000	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000
Funding Sources			\$ -	\$ 220,000	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000

EXPENDITURES

Account		Description	Actual	Estimated	Proposed	Planned	Planned	Planned	Planned	Total
Acct	SubAcct		Prior Actual	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	
9030	9030	improvements Other Than Building	\$ -	\$ 220,000	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000
TOTAL EXPENDITURES			\$ -	\$ 220,000	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000

Division 4326, Sewer Capital Construction
 Fund 503, Sewer Enterprise-Capital

Division:
 Department:
 Project:

Sewer Capital Construction
 Public Works
 7073 -- Basin Rehabilitation Projects

Project Narrative:

Basin Rehabilitation Projects

Sanitary sewer rehabilitation is an ongoing program that requires continuous inspection and upgrading of the sewer system. The City completed the first cycle of inspection and rehabilitation in the period from 1992 through 2004. A new system master plan will be developed in FY05 under project 503-4326-7058 that will provide the strategy and plan for the next cycle of investigation and rehabilitation. This master plan study will also examine the impact sewer lateral service have on infiltration and inflow rates and will provide a strategy for addressing lateral rehabilitation.

Once inspection has been completed, rehabilitation project will be designed.



FUNDING SOURCES

Account		Description	Actual	Estimated	Proposed	Planned	Planned	Planned	Planned	Total
Acct	SubAcct		Prior Actual	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	
5120	5120	Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ 800,000	\$ 650,000	\$ 650,000	\$ 2,100,000
Funding Sources			\$ -	\$ -	\$ -	\$ -	\$ 800,000	\$ 650,000	\$ 650,000	\$ 2,100,000

EXPENDITURES

Account		Description	Actual	Estimated	Proposed	Planned	Planned	Planned	Planned	Total
Acct	SubAcct		Prior Actual	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	
9030	8331	Engineering/Architectural	\$ -	\$ -	\$ -	\$ -	\$ 800,000	\$ 650,000	\$ 650,000	\$ 2,100,000
TOTAL EXPENDITURES			\$ -	\$ -	\$ -	\$ -	\$ 800,000	\$ 650,000	\$ 650,000	\$ 2,100,000

Division 4326, Sewer Capital Construction	Division:	Sewer Capital Construction
Fund 503, Sewer Enterprise-Capital	Department:	Public Works
	Project:	7074 -- San Juan Pump Station Stabiliza

Project Narrative:
San Juan Pump Station Stabilization

This project is for design and construction of creek bank stabilization to protect the San Juan Pump Station to be completed in FY04. The San Juan Sanitary Sewer Pump station is located at 3118 East Laurel Creek Road on the bank of East Laurel Creek. It is the City's largest pump station, built in 1956 to collect sewage from the western Cipriani, Plateau, and Skymont neighborhoods and pump it through a force main to the top of San Juan Boulevard for gravity flow to the Ralston trunk line. A recent inspection found that the creek bank supporting the northeast corner of the station building is failing.



FUNDING SOURCES

Account		Description	Actual	Estimated	Proposed	Planned	Planned	Planned	Planned	Total
Acct	SubAcct		Prior Actual	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	
5120	5120	Fund Balance	\$ -	\$ 32,000	\$ 165,000	\$ -	\$ -	\$ -	\$ -	\$ 197,000
Funding Sources			\$ -	\$ 32,000	\$ 165,000	\$ -	\$ -	\$ -	\$ -	\$ 197,000

EXPENDITURES

Account		Description	Actual	Estimated	Proposed	Planned	Planned	Planned	Planned	Total
Acct	SubAcct		Prior Actual	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	
9030	8610	General Supplies	\$ -	\$ -	\$ 1,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000
9030	9030	Improvements Other Than Building	\$ -	\$ 32,000	\$ 164,000	\$ -	\$ -	\$ -	\$ -	\$ 196,000
TOTAL EXPENDITURES			\$ -	\$ 32,000	\$ 165,000	\$ -	\$ -	\$ -	\$ -	\$ 197,000

Division 4326, Sewer Capital Construction
Fund 503, Sewer Enterprise-Capital

Division:
Department:
Project:

Sewer Capital Construction
Public Works
7075 -- Ralston Ave-Cipriani to Coronet

Project Narrative:

Ralston Avenue – Cipriani Blvd. to Coronet Blvd.

The sewer main that serves most of the western hills runs beneath Ralston Ave. from Lyall Way to just beyond Coronet Blvd. A small section of sewer main that carries sewage from the San Juan Pump Station also lies within Ralston Avenue. Recent problems with sewage blockages has brought to our attention the need to examine this reach of collector sewer main to determine its integrity and ensure its serviceability for many years to come.

The first step in the process, completed FY04, was to clean and then television inspect the sewer main. The television logs and reports were examined to determine the repairs required. Based on the inspection and assessment results, a rehabilitation project to pipeburst the sewer line will be conducted in FY05.



FUNDING SOURCES

Account		Description	Actual	Estimated	Proposed	Planned	Planned	Planned	Planned	Total
Acct	SubAcct		Prior Actual	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	
5120	5120	Fund Balance	\$ -	\$ -	\$ 170,000	\$ -	\$ -	\$ -	\$ -	\$ 170,000
6398	6398	Redevelopment Funding-Grade Sep	\$ -	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000
Funding Sources			\$ -	\$ 10,000	\$ 170,000	\$ -	\$ -	\$ -	\$ -	\$ 180,000

EXPENDITURES

Account		Description	Actual	Estimated	Proposed	Planned	Planned	Planned	Planned	Total
Acct	SubAcct		Prior Actual	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	
9010	8331	Engineering/Architectural	\$ -	\$ 5,000	\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ 10,000
9030	8610	General Supplies	\$ -	\$ -	\$ 500	\$ -	\$ -	\$ -	\$ -	\$ 500
9030	9030	Improvements Other Than Building	\$ -	\$ 5,000	\$ 164,500	\$ -	\$ -	\$ -	\$ -	\$ 169,500
TOTAL EXPENDITURES			\$ -	\$ 10,000	\$ 170,000	\$ -	\$ -	\$ -	\$ -	\$ 180,000

Division 4326, Sewer Capital Construction
 Fund 503, Sewer Enterprise-Capital

Division:
 Department:
 Project:

Sewer Capital Construction
 Public Works
 7076 -- St. James-Waltham Cross Sewer Rehab

Project Narrative:

St. James – Waltham Cross Sewer Rehabilitation

The 6" sewer main on St. James Road and Waltham Cross is cracked. This pipe shall be removed and replaced using open trench method. All laterals shall be reconnected.



FUNDING SOURCES

Account		Description	Actual Prior Actual	Estimated FY2004	Proposed FY2005	Planned FY2006	Planned FY2007	Planned FY2008	Planned FY2009	Total
Acct	SubAcct									
5120	5120	Fund Balance	\$ -	\$ -	\$ -	\$ 220,000	\$ -	\$ -	\$ -	\$ 220,000
Funding Sources			\$ -	\$ -	\$ -	\$ 220,000	\$ -	\$ -	\$ -	\$ 220,000

EXPENDITURES

Account		Description	Actual Prior Actual	Estimated FY2004	Proposed FY2005	Planned FY2006	Planned FY2007	Planned FY2008	Planned FY2009	Total
Acct	SubAcct									
9030	8331	Engineering/Architectural	\$ -	\$ -	\$ -	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000
9030	8610	General Supplies	\$ -	\$ -	\$ -	\$ 500	\$ -	\$ -	\$ -	\$ 500
9030	9030	Improvements Other Than Building	\$ -	\$ -	\$ -	\$ 214,500	\$ -	\$ -	\$ -	\$ 214,500
TOTAL EXPENDITURES			\$ -	\$ -	\$ -	\$ 220,000	\$ -	\$ -	\$ -	\$ 220,000