

## *Sewer Construction Improvements*

---

---

### 402-01-Sewer Construction Improvements

<b>Fund: 402, Sewer Construction Improvements</b>	
<b>Total Expenditures</b>	<b>\$53,902,809</b>
<b>Revenue:</b>	
General Fund Support	\$0
Bond Revenue	\$0
Other Revenue	\$0
<b>Total Revenue</b>	<b>\$0</b>

#### ► **Summary of Program**

Fund 402, Sewer Construction Improvements, provides for the wastewater management construction projects and is funded by sewer system revenues through a transfer of funds from Fund 400, Sewer Revenue. All projects are supported by sewer system revenues and are included in the Summary of Capital Projects. Projects in this Fund are mainly for repair, rehabilitation, and improvement requirements for pumping stations, sewer lines, force mains, and facilities of the entire program.

#### ► **Funding Availability and Future Considerations**

Funds are made available through the transfer of funds from Fund 400, Sewer Revenue. Projects are evaluated based on critical needs, service improvements and operational efficiencies. Funds generated through Sewer Service Charges are used to support existing customer projects, while funds generated through Availability Fees are used to support new customer projects.

#### ► **Funding Methodology**

Projects are scheduled and prioritized using the County's annual five-year Capital Improvement Program, the Program's Five-Year Financial Forecast model, and the Annual Certification Report. As the County implements, the Capacity Monitoring/Operation and Maintenance Program (currently under review by the Bush administration) expenditures in capital projects may increase significantly to ensure compliance with the new program.

#### ► **Status of Program**

In FY 2002, seven projects were funded in the amount of \$53,902,809. The following provides a listing for all the active projects in Fund 402:

## *Sewer Construction Improvements*

---

FUND 402 SEWER CONSTRUCTION IMPROVEMENTS

PROJECT SUMMARY

Project Name	Total Project Estimate	FY 2001 Expenditures	FY 2002 Adopted Budget Plan	FY 2002 Revised Budget Plan
PROJECT G00901 D.C. Treatment-Blue Plains	\$61,891,342	\$3,372,842	\$4,927,809	\$6,910,567
PROJECT G00903 Arlington WWTP	10,457,392	764,742		1,033,102
PROJECT I00351 Pump Station Renovations		628,753	2,900,000	6,651,362
PROJECT I00355 Pump & Haul-Wylie/Gunston	2,900,000	322,749		286,007
PROJECT I00904 ASA WWTP	178,466,723	55,994,258	29,625,000	30,514,578
PROJECT I00905 Bell Haven Replacement	1,491,742	1,061,922		200,585
PROJECT L00117 Dogue Creek Rehab./ Replacement	1,711,456	0		0
PROJECT N00321 Lower Potomac Exp. 54 MGD	105,269,000	2,810,841		21,798,778
PROJECT T00124 Rocky Run Pump Station	2,535,926	225,676		2,187,204
PROJECT X00445 Integrated Sewer Metering		39,841	50,000	157,065
PROJECT X00823 Extension Projects FY 1993	3,779,003	6,523		1,397,672
PROJECT X00824 Extension Projects FY 1994	1,258,000	13,724		243,765
PROJECT X00825 Extension Projects FY 1995	3,049,001	25,553		358,351
PROJECT X00826 Extension Projects FY 1996	6,537,349	1,101,297		2,565,772
PROJECT X00900 Replacement Transmission		0		759,576
PROJECT X00905 Replacement & Transmission		5,273,716	5,300,000	10,028,540
PROJECT X00906 Sewer Line Enlargement		4,290	3,600,000	6,775,584
PROJECT X00908 Sewer Line Replacement - 5 inch		0		136,920
PROJECT X00910 Replacement Renewal		275,507	7,500,000	10,672,816
PROJECT X00930 Sewer Relocation for VADOT		51,102		479,745
PROJECT X00935 Rt. 50/66 Agreement Reserve	1,000,000	0		1,000,000
PROJECT X00940 Developer Projects County Costs		14,268		148,689
PROJECT X00942 Accotink PS Rehabilitation	2,838,883	441,584		301,966
PROJECT X00998 Sewer Contingency Project		0		585,686
PROJECT X00999 Sewer Revolving Fund		0		52,572
<b>FUND 402 SEWER CONSTRUCTION IMPROVEMENTS</b>	<b>\$383,185,187</b>	<b>\$72,429,188</b>	<b>\$53,902,809</b>	<b>\$105,246,901</b>

## *Sewer Construction Improvements*

---

---

### ► **Mandate Information**

This CAPS is Federally or State mandated. The percentage of this CAPS' resources utilized to satisfy the mandate is 76 - 100%. The specific Federal or State code and a brief description of the code follows:

#### **Federal**

- P.L. 92-500; USCS Title 33, Clean Water Act; Mandates the adoption of water quality standards and it's required review every three years.
- EPA Regulations; Federal Water Quality Standards 40 CFR 131; specifies minimum requirements for water quality standards.

#### **State**

- Code of Virginia Title 62.1 Chapter 3.1, WATERS OF THE STATE, PORTS AND HARBORS, State Water Control Law; requires monitoring and reporting of all wastewater discharges limits to ensure compliance with water quality standards.
- Code of Virginia Title 32.1-164 Environmental Health Services; requires engineered design for new or upgraded facility be consistent with public health and water quality standards for wastewater treatment and collection systems.
- State Water Control Board Regulations VR680-14-01 through 03; requires the permitting and monitoring of operation of all wastewater facilities within the State.
- Department Environmental Quality Regulation VR355-17-02; specifies mandated requirements for water quality standards.