



A typical street during and after a Combined Sewer Overflow (CSO) project.



SEWER FUND CAPITAL PROJECTS SUMMARY OF APPROPRIATIONS

	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
Resources:					
Pay -as-you-go Sewer Operating Fund	\$1,100,000	\$1,700,000	\$1,800,000	\$2,200,000	\$2,500,000
Amount to be Provided by General Obligations Bond Issues	2,700,000	1,800,000	800,000	1,750,000	2,750,000
Amount to be Provided by Virginia Revolving Loans	9,600,000	3,500,000	3,000,000	3,000,000	4,600,000
Total Estimated Resources	<u>13,400,000</u>	<u>7,000,000</u>	<u>5,600,000</u>	<u>6,950,000</u>	<u>9,850,000</u>
Locally Financed Projects:					
Major collection line improvements	500,000	500,000	500,000	500,000	500,000
Annual sewer extensions	400,000	400,000	400,000	400,000	400,000
Rainleader Disconnect Program	100,000	100,000	100,000	100,000	100,000
Fishing Creek Interceptor			500,000	1,000,000	
Burton Creek Interceptor				150,000	2,150,000
Waste Water Treatment Plant Projects	100,000	100,000	100,000	100,000	100,000
Route 29 Bypass/Route 460 Sewer Study	50,000				
Sewer separation/rehabilitation	2,500,000	1,000,000	1,000,000	1,700,000	2,000,000
	<u>3,650,000</u>	<u>2,100,000</u>	<u>2,600,000</u>	<u>3,950,000</u>	<u>5,250,000</u>
Virginia Revolving Loan Fund Financed Projects					
Sewer separation/rehabilitation	9,600,000	3,500,000	3,000,000	3,000,000	4,600,000
Waste Water Treatment Plant/Alternative Disinfection Project	150,000	1,400,000			
	<u>9,750,000</u>	<u>4,900,000</u>	<u>3,000,000</u>	<u>3,000,000</u>	<u>4,600,000</u>
Grant Projects:					
Sewer separation/rehabilitation	0	0	0	0	0
	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Proposed Projects	<u>\$13,400,000</u>	<u>\$7,000,000</u>	<u>\$5,600,000</u>	<u>\$6,950,000</u>	<u>\$9,850,000</u>



SEWER FUND CAPITAL PROJECTS FINANCING PLAN

As part of the annual budget process, the City appropriates funding for capital projects in accordance with the Five Year Capital Improvement Plan. Typically, the City conducts annual bond financings in the last half of each fiscal year. New bond issues are based on the expected cash flow requirements of projects between bond sales and may differ from funding requirements for annual appropriations.

	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
Balance Forward	\$12,403,106	\$14,490,914	\$12,090,914	\$8,690,914	\$9,240,914
Income:					
Pay -as-you-go Sewer Operating Fund	1,100,000	1,700,000	1,800,000	2,200,000	2,500,000
Grant Proceeds	903,800	0	0	0	0
General Obligation Bond Proceeds	2,200,000	900,000	1,300,000	2,200,000	1,500,000
Virginia Revolving Loan Fund Proceeds	9,600,000	3,500,000	3,000,000	3,000,000	4,600,000
Balance and Income	<u>13,803,800</u>	<u>6,100,000</u>	<u>6,100,000</u>	<u>7,400,000</u>	<u>8,600,000</u>
Cash Flow Requirements					
Incomplete local projects	1,020,477 (1)	0 (1)	0	0	0
Incomplete grant projects	903,800 (1)	0	0	0	0
Incomplete Virginia Revolving Loan Fund projects	1,941,715 (1)	1,750,000 (1)	1,000,000 (1)	1,350,000 (1)	1,850,000
FY 2006-2010 CIP Local Projects	1,150,000 (1)	1,100,000 (1)	1,350,000 (1)	2,500,000 (1)	3,250,000
FY 2006-2010 CIP Virginia Revolving Loan Fund projects	6,700,000 (1)	5,650,000 (1)	7,150,000 (1)	3,000,000 (1)	3,800,000
Total Expenditures	<u>11,715,992</u>	<u>8,500,000</u>	<u>9,500,000</u>	<u>6,850,000</u>	<u>8,900,000</u>
Balance Forward	<u>\$14,490,914 (2)</u>	<u>\$12,090,914 (2)</u>	<u>\$8,690,914 (2)</u>	<u>\$9,240,914 (2)</u>	<u>\$8,940,914</u>

(1) Source: Department of Public Works, Utilities Division

(2) Balance forward provides estimated funding for projects until the annual bond sale and/or receipt of Virginia Revolving Loan Fund proceeds typically in the last half of the fiscal year.



FIVE-YEAR PROPOSED PROGRAMMING TO BE FINANCED BY THE CITY

Project Title	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
SEWER					
Burton Creek Interceptor Replacement	0	0	0	150,000	2,150,000
Source of Funding					
G.O. Bond	0	0	0	50,000	2,150,000
Pay-As-You-Go	0	0	0	100,000	0
Combined Sewer Overflow (CSO) Program Projects	12,100,000	4,500,000	4,000,000	4,700,000	6,600,000
Source of Funding					
G.O. Bond	2,650,000	1,800,000	800,000	1,700,000	600,000
Pay-As-You-Go	0	600,000	200,000	0	1,400,000
Other	9,450,000	2,100,000	3,000,000	3,000,000	4,600,000
Fishing Creek Interceptor Replacement	0	0	500,000	1,000,000	0
Source of Funding					
Pay-As-You-Go	0	0	500,000	1,000,000	0
Major Collection System Repairs	500,000	500,000	500,000	500,000	500,000
Source of Funding					
Pay-As-You-Go	500,000	500,000	500,000	500,000	500,000
Rainleader Disconnect Program (CSO)	100,000	100,000	100,000	100,000	100,000
Source of Funding					
Pay-As-You-Go	100,000	100,000	100,000	100,000	100,000
Route 29 Bypass/Route 460 Sewer Study	50,000	0	0	0	0
Source of Funding					
G.O. Bond	50,000	0	0	0	0
Sewer Extensions	400,000	400,000	400,000	400,000	400,000
Source of Funding					
Pay-As-You-Go	400,000	400,000	400,000	400,000	400,000
Wastewater Treatment Plant Alternate Disinfection Project	150,000	1,400,000	0	0	0
Source of Funding					
Other	150,000	1,400,000	0	0	0
Wastewater Treatment Plant Projects	100,000	100,000	100,000	100,000	100,000
Source of Funding					
Pay-As-You-Go	100,000	100,000	100,000	100,000	100,000
Total Estimates Submitted 06-10 CIP	\$13,400,000	\$7,000,000	\$5,600,000	\$6,950,000	\$9,850,000
Source of Funding					
G.O. Bond	2,700,000	1,800,000	800,000	1,750,000	2,750,000
Pay-As-You-Go	1,100,000	1,700,000	1,800,000	2,200,000	2,500,000
Other	9,600,000	3,500,000	3,000,000	3,000,000	4,600,000



FIVE-YEAR ESTIMATED NET COST	APPROPRIATIONS THROUGH 7/31/2004	ESTIMATED COST BEYOND PROGRAM PERIOD	TOTAL ACCUMULATED PROJECT COST
2,300,000	100,000	0	\$2,400,000
31,900,000	0	0	\$31,900,000
1,500,000	0	0	\$1,500,000
2,500,000	On-going	On-going	\$2,500,000
500,000	On-going	On-going	\$500,000
50,000	0	0	\$50,000
2,000,000	On-going	On-going	\$2,000,000
1,550,000	0	0	\$1,550,000
500,000	0	0	\$500,000
<hr/>			
\$42,800,000			\$42,900,000
\$9,800,000			
\$9,300,000			
\$23,700,000			
<hr/>			
\$42,800,000			



FY 2006 – 2010 CAPITAL IMPROVEMENT PROGRAM **SEWER FUND**

SERVICE AREA
Sewer Fund

DEPARTMENT
Public Works

LOCATION
Along Burton Creek and Rock Castle Creek and adjacent to Route 501 and Wards Road

PROJECT TITLE

PROJECT # (If existing)
N/A

BURTON CREEK INTERCEPTOR REPLACEMENT

REQUEST TYPE

If request is a revision from previous year's submission, please describe changes and explain reason for change

Revision

Delayed due to adequate capacity through at least 2010.



PROJECT DESCRIPTION

Replacement of 12,000 l.f. of the existing interceptor from Burton Creek/Custer Drive to Rock Castle Creek and Route 501. Recent flow studies indicate sufficient capacity through at least 2010.

RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.7, Goal 1: Provide the citizens of Lynchburg with dependable, modern, high quality water and sanitary sewer service with sufficient system capacity to meet the City's long-term requirements.

PROJECT MANAGER(S)
Tim Mitchell, Director of Utilities

PROJECT START DATE 07/2009
PROJECT COMPLETION DATE 06/2011

FIXED ASSET DESIGNATION
New Construction/Expansion

TIMETABLE

% Appropriation Needed

Engineering & Architectural

Construction

	FY 2006				FY 2007				FY 2008				FY 2009				FY 2010			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<i>Engineering & Architectural</i>													25	25	25	25				
<i>Construction</i>																	25	25	25	25

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):

The overall impact to the operating budget will be negligible.

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/31/04	FY 2006 -2010 ESTIMATE	BEYOND FY 2010 ESTIMATE	TOTAL PROJECT ESTIMATE
\$100,000	\$2,300,000	\$0	\$2,400,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
Consultant Engineering				150,000		\$150,000
Construction					2,150,000	\$2,150,000
TOTAL	\$ 0	\$ 0	\$ 0	\$150,000	\$2,150,000	\$2,300,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
4022 Sewer Capital Project Fund				150,000	2,150,000	\$2,300,000
TOTAL	\$ 0	\$ 0	\$ 0	\$150,000	\$2,150,000	\$2,300,000

FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Total Funding
Local: G.O. Bond					2,150,000	\$2,150,000
Local: Pay-As-You-Go				150,000		\$150,000
TOTAL	\$ 0	\$ 0	\$ 0	\$150,000	\$2,150,000	\$2,300,000

SOURCES OF PROJECT FUNDING FY 2006 – 2010 (IN %): LOCAL = 100% STATE = 0 FEDERAL = 0 OTHER = %

DEPARTMENT PRIORITY

Project supports essential services



FY 2006 – 2010 CAPITAL IMPROVEMENT PROGRAM ————— SEWER FUND

SERVICE AREA
Sewer Fund

DEPARTMENT
Public Works

LOCATION
Various location within City limits

PROJECT TITLE

COMBINED SEWER OVERFLOW (CSO) PROGRAM PROJECTS (formerly sewer separation/rehabilitation (CSO))

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*
Continuation N/A



PROJECT DESCRIPTION

Replacement and/or rehabilitation of combined sewers. In addition, waterlines and streets may be renewed as needed. Planned projects may be significantly impacted by the Crosstown Connector Project and/or other water quality mandated projects.

RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.9, Goal 2: Maintain the priority of and commitment to execution of the City's Combined Sewer Overflow elimination program with a goal of program completion by 2020.

PROJECT MANAGER(S)
Greg Poff, CSO Manager

PROJECT START DATE Recurring
PROJECT COMPLETION DATE Recurring

FIXED ASSET DESIGNATION
New Construction/Expansion

TIMETABLE

% Appropriation Needed
Land Acquisition
Engineering & Architectural
Construction

	FY 2006				FY 2007				FY 2008				FY 2009				FY 2010			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Land Acquisition	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Engineering & Architectural	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Construction	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):

Lessens routine maintenance of sewer collection system in the completed project areas.

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/31/04	FY 2006-2010 ESTIMATE	BEYOND FY 2010 ESTIMATE	TOTAL PROJECT ESTIMATE
Continuing	\$31,900,000	Continuing	Continuing

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
City Engineering Service Charges	242,000	90,000	80,000	94,000	132,000	\$638,000
Land Acquisitions/Right-of-Way	25,000	25,000	25,000	25,000	25,000	\$125,000
Consultant Engineering	580,000	200,000	175,000	210,000	305,000	\$1,470,000
Contract Administration (Contractual)	208,200	77,400	68,800	80,840	112,000	\$547,240
Inspections (Contractual)	396,800	147,600	131,200	154,160	216,000	\$1,045,760
Construction	10,648,000	3,960,000	3,520,000	4,136,000	5,810,000	\$28,074,000
TOTAL	\$12,100,000	\$4,500,000	\$4,000,000	\$4,700,000	\$6,600,000	\$31,900,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
4022 Sewer Capital Project Fund	2,500,000	1,000,000	1,000,000	1,700,000	2,000,000	\$8,200,000
4023 Sewer VRLF Capital Project Fund	9,600,000	3,500,000	3,000,000	3,000,000	4,600,000	\$23,700,000
TOTAL	\$12,100,000	\$4,500,000	\$4,000,000	\$4,700,000	\$6,600,000	\$31,900,000

FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Total Funding
Local: G.O. Bond	1,850,000	1,750,000	1,000,000	1,350,000	1,850,000	\$7,800,000
State: VRLF	6,550,000	4,950,000	6,450,000	3,000,000	3,800,000	\$24,750,000
TOTAL	\$8,400,000	\$6,700,000	\$7,450,000	\$4,350,000	\$5,650,000	\$32,550,000

SOURCES OF PROJECT FUNDING FY 2006 – 2010 (IN %): LOCAL = 24% STATE = 76% FEDERAL = 0 OTHER = %

DEPARTMENT PRIORITY

- Project has legal or regulatory mandate
- Project has State and Federal funding

THIS PROJECT ALSO HAS (A) COMPONENT (S) IN

- City Capital Fund
- Project supports essential services
- Sewer VRLF Capital Projects Fund
- Water Capital Project Fund



FY 2006 – 2010 CAPITAL IMPROVEMENT PROGRAM **SEWER FUND**

SERVICE AREA
Sewer Fund

DEPARTMENT
Public Works

LOCATION
Along Fishing Creek from Murray Place to Candler's Mountain Road

PROJECT TITLE
FISHING CREEK INTERCEPTOR REPLACEMENT

PROJECT # (If existing)
N/A

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*
New N/A



PROJECT DESCRIPTION
Replacement of 9,100 l.f. of the final division of the main interceptor serving the Fishing Creek drainage basin.

RELATIONSHIP TO COMPREHENSIVE PLAN
Chapter 15, Page 15.7, Goal 1: Provide the citizens of Lynchburg with dependable, modern, high quality water and sanitary sewer service with sufficient system capacity to meet the City's long-term requirements.

PROJECT MANAGER(S)
Tim Mitchell, Director of Utilities

PROJECT START DATE 07/2008
PROJECT COMPLETION DATE 06/2010

FIXED ASSET DESIGNATION
New Construction/Expansion

TIMETABLE

% Appropriation Needed
*Engineering & Architectural
Construction*

FY 2006				FY 2007				FY 2008				FY 2009				FY 2010			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
								25	25	25	25	25	25	25	25				
											25	25	25	25	25				

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):
The overall impact to the operating budget will be negligible.

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/31/04	FY 2006 -2010 ESTIMATE	BEYOND FY 2010 ESTIMATE	TOTAL PROJECT ESTIMATE
\$0	\$1,500,000	\$0	\$1,500,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
City Engineering Service Charges			20,000			\$20,000
Consultant Engineering			150,000			\$150,000
Construction			330,000	1,000,000		\$1,330,000
TOTAL	\$ 0	\$ 0	\$500,000	\$1,000,000	\$ 0	\$1,500,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
4022 Sewer Capital Project Fund			500,000	1,000,000		\$1,500,000
TOTAL	\$ 0	\$ 0	\$500,000	\$1,000,000	\$ 0	\$1,500,000

FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Total Funding
Local: Pay-As-You-Go			250,000	1,250,000		\$1,500,000
TOTAL	\$ 0	\$ 0	\$250,000	\$1,250,000	\$ 0	\$1,500,000

SOURCES OF PROJECT FUNDING FY 2006 – 2010 (IN %): LOCAL = 100% STATE = 0 FEDERAL = 0 OTHER = %

DEPARTMENT PRIORITY

Project supports essential services



FY 2006 – 2010 CAPITAL IMPROVEMENT PROGRAM — SEWER FUND

SERVICE AREA
Sewer Fund

DEPARTMENT
Public Works

LOCATION
Various locations within City limits

PROJECT TITLE
MAJOR COLLECTION SYSTEM REPAIRS

PROJECT # (If existing)
N/A

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*
Continuation N/A



PROJECT DESCRIPTION

Major repairs or replacement of the City's Wastewater Collection System. Costs of repairs are beyond normal operating budget for the Utility Division.

RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.7, Goal 1: Provide the citizens of Lynchburg with dependable, modern, high quality water and sanitary sewer service with sufficient system capacity to meet the City's long-term requirements.

PROJECT MANAGER(S)
Roger Blankenship

PROJECT START DATE Recurring
PROJECT COMPLETION DATE Recurring

FIXED ASSET DESIGNATION
Maintenance/Capital Outlay

TIMETABLE

% Appropriation Needed
*Engineering & Architectural
Construction*

FY 2006				FY 2007				FY 2008				FY 2009				FY 2010			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):

Lessens routine maintenance of sewer collection system in the completed project areas.

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/31/04	FY 2006 -2010 ESTIMATE	BEYOND FY 2010 ESTIMATE	TOTAL PROJECT ESTIMATE
Continuing	\$2,500,000	Continuing	Continuing

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
City Engineering Service Charges	30,000	30,000	30,000	30,000	30,000	\$150,000
Consultant Engineering	50,000	50,000	50,000	50,000	50,000	\$250,000
Construction	420,000	420,000	420,000	420,000	420,000	\$2,100,000
TOTAL	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
4022 Sewer Capital Project Fund	500,000	500,000	500,000	500,000	500,000	\$2,500,000
TOTAL	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000

FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Total Funding
Local: Pay-As-You-Go	500,000	500,000	500,000	500,000	500,000	\$2,500,000
TOTAL	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000

SOURCES OF PROJECT FUNDING FY 2006 – 2010 (IN %): LOCAL = 100% STATE = 0 FEDERAL = 0 OTHER = %

DEPARTMENT PRIORITY

Project supports essential services



FY 2006 – 2010 CAPITAL IMPROVEMENT PROGRAM **SEWER FUND**

SERVICE AREA
Sewer Fund

DEPARTMENT
Public Works

LOCATION
Various location within City limits

PROJECT TITLE
RAINLEADER DISCONNECT PROGRAM (CSO)

PROJECT #
(If existing)
N/A

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*
Continuation N/A



PROJECT DESCRIPTION

As part of the CSO program, the project involves the removal of stormwater by disconnection of rainleaders, downspouts and area drains from the sanitary sewer system.

RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.9, Goal 2: Maintain the priority of and commitment to execution of the City's Combined Sewer Overflow elimination program with a goal of program completion of 2020.

PROJECT MANAGER(S)
Greg Poff, CSO Program Manager

PROJECT START DATE Recurring
PROJECT COMPLETION DATE Recurring

FIXED ASSET DESIGNATION
New Construction/Expansion

TIMETABLE

% Appropriation Needed
Engineering & Architectural
Construction

FY 2006				FY 2007				FY 2008				FY 2009				FY 2010			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):
Lessens routine maintenance of sewer collection system in the completed project areas.

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/31/04	FY 2006 -2010 ESTIMATE	BEYOND FY 2010 ESTIMATE	TOTAL PROJECT ESTIMATE
Continuing	\$500,000	Continuing	Continuing

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
Consultant Engineering	50,000	50,000	50,000	50,000	50,000	\$250,000
Inspections (Contractual)	15,000	15,000	15,000	15,000	15,000	\$75,000
Miscellaneous-Disconnection Payments	35,000	35,000	35,000	35,000	35,000	\$175,000
TOTAL	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
4022 Sewer Capital Project Fund	100,000	100,000	100,000	100,000	100,000	\$500,000
TOTAL	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000

FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Total Funding
Local: Pay-As-You-Go	100,000	100,000	100,000	100,000	100,000	\$500,000
TOTAL	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000

SOURCES OF PROJECT FUNDING FY 2006 – 2010 (IN %): LOCAL = 100% STATE = 0 FEDERAL = 0 OTHER = %

DEPARTMENT PRIORITY

Project has legal or regulatory mandate



FY 2006 – 2010 CAPITAL IMPROVEMENT PROGRAM **SEWER FUND**

SERVICE AREA
Sewer Fund

DEPARTMENT
Public Works

LOCATION
Tyreeanna Area

PROJECT TITLE
ROUTE 29 BYPASS/ROUTE 460 SEWER STUDY

PROJECT # (If existing)
N/A

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*
New N/A



PROJECT DESCRIPTION
Conduct an engineering study to provide sanitary sewer service to the Route 29 Bypass and Route 460 area of the City.

RELATIONSHIP TO COMPREHENSIVE PLAN
Chapter 15, Page 15.7, Goal 1: Provide the citizens of Lynchburg with a dependable, modern, high quality water and sanitary sewer system with sufficient system capacity to meet the City's long term requirements.

PROJECT MANAGER(S)
Roger Blankenship

PROJECT START DATE 07/2008
PROJECT COMPLETION DATE 06/2010

FIXED ASSET DESIGNATION
New Construction/Expansion

TIMETABLE

% Appropriation Needed
Land Acquisition
Engineering & Architectural
Construction

FY 2006				FY 2007				FY 2008				FY 2009				FY 2010			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
														50	50				
												25	25	25	25				
																33	33	11	22

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):

Increased revenues from new sewer customers. Also, increased sewerline maintenance expenses including expenses related to the operation and maintenance of the sewer pump stations.

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/31/04	FY 2006 -2010 ESTIMATE	BEYOND FY 2010 ESTIMATE	TOTAL PROJECT ESTIMATE
\$0	\$50,000	\$0	\$50,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
Consultant Engineering	50,000					\$50,000
TOTAL	\$50,000	\$ 0	\$ 0	\$ 0	\$ 0	\$50,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
4022 Sewer Capital Project Fund	50,000					\$50,000
TOTAL	\$50,000	\$ 0	\$ 0	\$ 0	\$ 0	\$50,000

FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Total Funding
Local: G.O. Bond	50,000					\$50,000
TOTAL	\$50,000	\$ 0	\$ 0	\$ 0	\$ 0	\$50,000

SOURCES OF PROJECT FUNDING FY 2006 – 2010 (IN %): LOCAL = 100% STATE = % FEDERAL = % OTHER = %

DEPARTMENT PRIORITY

Project represents additional essential services Project contributes to generation of new revenue



SERVICE AREA
Sewer Fund

DEPARTMENT
Public Works

LOCATION
Various location within City limits

PROJECT TITLE
SEWER EXTENSIONS

PROJECT # (If existing)
N/A

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*
Continuation N/A



PROJECT DESCRIPTION

Provide for the extension of sanitary sewer lines into unserved areas of the City due to new construction, failed septic systems or economic development. Also used to reimburse developers per City Code for constructing City sewers.

RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.7, Goal 1: Provide the citizens of Lynchburg with a dependable, modern, high quality water and sanitary sewer system with sufficient system capacity to meet the City's long term requirements.

PROJECT MANAGER(S)
Lee Newland

PROJECT START DATE Recurring
PROJECT COMPLETION DATE Recurring

FIXED ASSET DESIGNATION
New Construction/Expansion

TIMETABLE

% Appropriation Needed
Engineering & Architectural Construction

FY 2006				FY 2007				FY 2008				FY 2009				FY 2010			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):
Increases revenue from new sewer service customers and increased maintenance for new sewer lines.

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/31/04	FY 2006 -2010 ESTIMATE	BEYOND FY 2010 ESTIMATE	TOTAL PROJECT ESTIMATE
Continuing	\$2,000,000	Continuing	Continuing

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
City Engineering Service Charges	40,000	40,000	40,000	40,000	40,000	\$200,000
Construction	360,000	360,000	360,000	360,000	360,000	\$1,800,000
TOTAL	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
4022 Sewer Capital Project Fund	400,000	400,000	400,000	400,000	400,000	\$2,000,000
TOTAL	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000

FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Total Funding
Local: Pay-As-You-Go	400,000	400,000	400,000	400,000	400,000	\$2,000,000
TOTAL	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000

SOURCES OF PROJECT FUNDING FY 2006 – 2010 (IN %): LOCAL = 100% STATE = 0 FEDERAL = 0 OTHER = %

DEPARTMENT PRIORITY

Project represents additional essential services

Project contributes to generation of new revenue



FY 2006 – 2010 CAPITAL IMPROVEMENT PROGRAM ————— SEWER FUND

SERVICE AREA
Sewer Fund

DEPARTMENT
Public Works

LOCATION
Waste Water Treatment Plant on Concord Turnpike

PROJECT TITLE

PROJECT # (If existing)

WASTEWATER TREATMENT PLANT ALTERNATE DISINFECTION PROJECT

N/A

REQUEST TYPE

If request is a revision from previous year's submission, please describe changes and explain reason for change

Revision

Cost increase



PROJECT DESCRIPTION

Installation of an alternative disinfection system at the WWTP. Originally installed in 1974, the current facilities are in need of replacement with a safer process to eliminate the hazards of liquid chlorine.

RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.7, Goal 1: Provide the citizens of Lynchburg with dependable, modern, high quality water and sanitary sewer service with sufficient system capacity to meet the City's long-term requirements.

PROJECT MANAGER(S)
Tim Mitchell

PROJECT START DATE 07/2005
PROJECT COMPLETION DATE 06/2007

FIXED ASSET DESIGNATION
New Construction/Expansion

TIMETABLE

% Appropriation Needed
Engineering & Architectural
Construction

FY 2006				FY 2007				FY 2008				FY 2009				FY 2010			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
25	25	25	25	25	25	25	25												
				25	25	25	25												

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/31/04	FY 2006 -2010 ESTIMATE	BEYOND FY 2010 ESTIMATE	TOTAL PROJECT ESTIMATE
\$0	\$1,550,000	\$0	\$1,550,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
Consultant Engineering	150,000					\$150,000
Contract Administration (Contractual)		20,000				\$20,000
Inspections (Contractual)		30,000				\$30,000
Construction		1,350,000				\$1,350,000
TOTAL	\$150,000	\$1,400,000	\$ 0	\$ 0	\$ 0	\$1,550,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
4022 Sewer Capital Project Fund	150,000					\$150,000
4023 Sewer VRLF Capital Project Fund		1,400,000				\$1,400,000
TOTAL	\$150,000	\$1,400,000	\$ 0	\$ 0	\$ 0	\$1,550,000

FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Total Funding
State: VRLF	150,000	700,000	700,000			\$1,550,000
TOTAL	\$150,000	\$700,000	\$700,000	\$ 0	\$ 0	\$1,550,000

SOURCES OF PROJECT FUNDING FY 2006 – 2010 (IN %): LOCAL = 0 STATE = 100% FEDERAL = 0 OTHER = %

DEPARTMENT PRIORITY

Project supports essential services



FY 2006 – 2010 CAPITAL IMPROVEMENT PROGRAM **SEWER FUND**

SERVICE AREA
Sewer Fund

DEPARTMENT
Public Works

LOCATION
Waste Water Treatment Plant

PROJECT TITLE
WASTE WATER TREATMENT PLANT PROJECTS

PROJECT # (If existing)
N/A

REQUEST TYPE *If request is a revision from previous year's submission, please describe changes and explain reason for change*
Continuation No changes



PROJECT DESCRIPTION

General repairs, replacement or renovation to major plant process equipment or structures at the waste water treatment plant. This funding is set aside for unanticipated expenditures for major capital equipment replacement as failures occur to maintain compliance with regulatory requirements.

RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.7, Goal 1: Provide the citizens of Lynchburg with dependable, modern, high quality water and sanitary sewer service with sufficient system capacity to meet the City's long-term requirements.

PROJECT MANAGER(S)
Roger Blankenship

PROJECT START DATE Recurring
PROJECT COMPLETION DATE Recurring

FIXED ASSET DESIGNATION
New Construction/Expansion

TIMETABLE

% Appropriation Needed
*Engineering & Architectural
Construction*

FY 2006				FY 2007				FY 2008				FY 2009				FY 2010			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):

Lessens the impact on overall sewer operating budget for large plant equipment.

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/31/04	FY 2006 -2010 ESTIMATE	BEYOND FY 2010 ESTIMATE	TOTAL PROJECT ESTIMATE
Continuing	\$500,000	Continuing	Continuing

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
Consultant Engineering	10,000	10,000	10,000	10,000	10,000	\$50,000
Construction	80,000	80,000	80,000	80,000	80,000	\$400,000
Contingency	10,000	10,000	10,000	10,000	10,000	\$50,000
TOTAL	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Program Period Estimate
4022 Sewer Capital Project Fund	100,000	100,000	100,000	100,000	100,000	\$500,000
TOTAL	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000

FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	Total Funding
Local: Pay-As-You-Go	100,000	100,000	100,000	100,000	100,000	\$500,000
TOTAL	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000

SOURCES OF PROJECT FUNDING FY 2006 – 2010 (IN %): LOCAL = 100% STATE = % FEDERAL = % OTHER = %

DEPARTMENT PRIORITY

Project supports essential services