

Fund 308

Public Works Construction

Board of Supervisors' Adjustments

The following funding adjustments reflect all changes to the FY 2006 Advertised Budget Plan, as approved by the Board of Supervisors on April 25, 2005:

- ◆ **Prioritized Stormwater Projects** **(\$17,900,000)**
A decrease of \$17,900,000 due to the creation of a new fund, Fund 318, Stormwater Management Program, which will separately track funding and capture the costs associated with the implementation of Stormwater improvement projects funded by the \$17,900,000 to be dedicated to prioritized Stormwater capital improvements in the County's stormwater system. The Board of Supervisors directed the Department of Public Works and Environmental Services (DPWES) to provide a detailed spending plan for this funding by June 20, 2005.

- ◆ **Municipal Separate Storm Sewer System** **(\$1,000,000)**
A reduction of \$1,000,000 in Project Z00022, Municipal Separate Storm Sewer System, resulting in reduced funding available for activities associated with the Virginia Pollutant Discharge Elimination System (VPDES) Municipal Separate Storm Sewer System (MS4) discharge permit, including watershed master planning. Funding for a limited amount of watershed master planning can be provided within the additional \$17,900,000 for prioritized stormwater projects in Fund 318, Stormwater Management Program.

Focus

This fund supports ongoing improvement projects for storm drainage and stormwater discharge permit requirements, dam repairs, road maintenance, streetlight installations, and the Developer Default Program. Storm drainage projects include corrections to emergency drainage problems, water quality improvements, and environmental monitoring. This fund also supports many types of stormwater control programs. Historically, the largest portion of this fund has been provided to support requirements associated with the Municipal Separate Storm Sewer System (MS4) discharge permit which is part of the Clean Water Act of 1987 and requires water quality testing, watershed master planning, improvement programs, and development of the Geographic Information System (GIS)-based storm sewer system inventory. The MS4 discharge permit is considered a five-year renewal of the National Pollutant Discharge Elimination System (NPDES) permit, effective January 24, 2002. Permit activities are also impacted by other state and federal mandates, including Total Maximum Daily Loads, the Chesapeake 2000 Agreement, and the Virginia Tributary Strategies. The Perennial Streams Mapping program supports stormwater control assessment by developing a base map of all stream channels in Fairfax County. The result will be a reliable map source depicting the stream network that distinguishes between perennial and intermittent streams, and which will be included in the County's GIS.

In addition, the Virginia Department of Conservation and Recreation has classified six dams maintained by the County as potential Class I hazards, which is interpreted as a being "located where failure will cause probable loss of life or serious damage to occupied buildings, industrial or commercial facilities, important public utilities, main highways or roads." The dam repairs project includes funding to provide improvements necessary to meet state permit requirements, establish a monitoring program to assess dam integrity, implement dam repairs, and repair failed detention pond enhancements that fall beyond the scope of maintenance.

The road maintenance and road upgrading projects provide for the upgrading of County roads for acceptance into the State Secondary System and the ongoing maintenance costs for those roads that are not currently included in the State Secondary System. In addition, the County participates with the Virginia Department of Transportation (VDOT) to benefit from the construction of trails and storm sewer infrastructure associated with roadway improvements by sharing the cost of the VDOT project. Both parties execute the agreements in advance of construction, with actual billing normally occurring after VDOT construction is complete.

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The Developer Default Program is necessitated by economic conditions associated with the construction industry in which some developers do not complete required public facilities, including acceptance of roads by the state, walkways, and storm drainage improvements. The cost of providing these improvements may be offset by the receipt of developer default revenues from developer escrow and court judgments and/or compromise settlements. Projects that are constructed with anticipated developer default revenues are dependent on recovery of such revenue. General Fund support of the program is necessary due to the time required between the construction of the improvements and the recovery of the bonds through legal action or when the developer default revenue is not sufficient to fund the entire cost of the project. It should be noted that there is currently no significant unfunded backlog of developer default projects.

Funding in the amount of \$2,285,000 is included in Fund 308, Public Works Construction, in FY 2006. Of this total, an amount of \$1,985,000 is supported by state revenue and \$300,000 is supported through developer default contributions. It should be noted that funding has been limited to the most critical priority projects which are listed in the Summary of Capital Projects that follows.

Changes to FY 2005 Adopted Budget Plan

The following funding adjustments reflect all approved changes in the FY 2005 Revised Budget Plan since passage of the FY 2005 Adopted Budget Plan. Included are all adjustments made as part of the FY 2004 Carryover Review and all other approved changes through December 31, 2004:

- ◆ At the FY 2004 Carryover Review, the Board of Supervisors approved an increase of \$8,739,776 due to the carryover of unexpended project balances in the amount of \$7,528,370, the appropriation of \$585,000 for Storm Drainage Deficiencies, and adjustments of \$626,406. These adjustments include the appropriation of miscellaneous revenue in the amount of \$184 associated with the sale of plans, the appropriation of \$435,560 in revenue to support the Developer Default Program and \$196,000 in General Fund monies to support the dredging of the Lake Martin and the emergency repair of service drives throughout the County. These increases are partially offset by a reduction of \$5,338 in revenues and expenditures no longer required for stormwater planning associated with the Chesapeake Bay Local Assistance Grant.

The following funding adjustments reflect all approved changes to the FY 2005 Revised Budget Plan from January 1, 2005 through April 18, 2005. Included are all adjustments made as part of the FY 2005 Third Quarter Review:

- ◆ At the FY 2005 Third Quarter Review, the Board of Supervisors approved an increase of \$763,000 due to the appropriation of \$82,500 in revenue received associated with developer contributions for streetlight installation and a General Fund transfer of \$680,500 to support environmental projects and required construction funds for the Meadowmere developer default project.

A Fund Statement, a Summary of Capital Projects, and Project Detail Tables for each project funded in FY 2006 are provided on the following pages. The Summary of Capital Projects may include some projects without a Total Project Estimate amount. These projects are considered "continuing" projects or projects for which funding is necessary on an ongoing basis (e.g., contingency or planning project). The Project Detail Tables include project location, description, source of funding and completion schedules.

Fund 308 Public Works Construction

FUND STATEMENT

Fund Type G30, Capital Project Funds

Fund 308, Public Works Construction

| | FY 2004 Actual | FY 2005 Adopted Budget Plan | FY 2005 Revised Budget Plan | FY 2006 Advertised Budget Plan | FY 2006 Adopted Budget Plan |
|--|--------------------|-----------------------------------|-----------------------------------|--------------------------------------|-----------------------------------|
| Beginning Balance | \$6,837,647 | \$0 | \$6,219,127 | \$0 | \$0 |
| Revenue: | | | | | |
| Developer Payments-Streetlights ¹ | \$0 | \$0 | \$108,729 | \$0 | \$0 |
| Hunter Mill Streetlight | | | | | |
| Contributions | 0 | 0 | 95,000 | 0 | 0 |
| Developer Defaults | 429,505 | 300,000 | 1,787,705 | 300,000 | 300,000 |
| Miscellaneous ² | 184 | 0 | 0 | 0 | 0 |
| Federal Aid ³ | 23,297 | 0 | 30,715 | 0 | 0 |
| Federal Emergency | | | | | |
| Management Agency ⁴ | 50,000 | 0 | 0 | 0 | 0 |
| State Aid ⁵ | 2,045,000 | 2,965,000 | 3,065,000 | 2,985,000 | 1,985,000 |
| Total Revenue | \$2,547,986 | \$3,265,000 | \$5,087,149 | \$3,285,000 | \$2,285,000 |
| Transfer In: | | | | | |
| General Fund (001) ⁶ | \$175,000 | \$250,000 | \$1,711,500 | \$17,900,000 | \$0 |
| Total Transfer In | \$175,000 | \$250,000 | \$1,711,500 | \$17,900,000 | \$0 |
| Total Available | \$9,560,633 | \$3,515,000 | \$13,017,776 | \$21,185,000 | \$2,285,000 |
| Total Expenditures | \$3,341,506 | \$3,515,000 | \$13,017,776 | \$21,185,000 | \$2,285,000 |
| Total Disbursements | \$3,341,506 | \$3,515,000 | \$13,017,776 | \$21,185,000 | \$2,285,000 |
| Ending Balance⁷ | \$6,219,127 | \$0 | \$0 | \$0 | \$0 |

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¹ Developer payments for Project Z00002, Developer Streetlight Program.

² Miscellaneous receipts include sale of plans.

³ An amount of \$90,000 was anticipated from the Environmental Protection Agency Wetlands Grant Program associated with Project Z00020, Stormwater Control Planning. Of this, \$15,988 was received in FY 2002, \$20,000 was received in FY 2003 and \$23,297 was provided in FY 2004. The remaining amount of \$30,715 is anticipated in FY 2005.

⁴ An amount of \$50,000 was received in FY 2004 from the Federal Emergency Management Agency for Project Z00024, Digital Flood Insurance Rate Map.

⁵ Represents HB599 State Aid.

⁶ FY 2006 funding represents a General Fund transfer to Project Z00028, Priority Stormwater Projects, in the amount of \$17.9 million, or the approximate value of penny from the County's Real Estate tax. This funding will be used for improvements to the County's Stormwater Management Program. In FY 2006 staff will work to assess the County's system, identify and prioritize projects, and accelerate work on projects already identified by the agency. As specific project details are developed, funding will be reallocated. As part of the FY 2006 Adopted Budget Plan this funding was moved to Fund 318, Stormwater Management Program.

⁷ Capital projects are budgeted based on the total project costs. Most project span multiple years, from design to construction completion. Therefore, funding for capital projects is carried forward each fiscal year, and ending balances fluctuate, reflecting the carryover of these funds.

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Public Works Construction

FY 2006 Summary of Capital Projects

Fund: 308 Public Works Construction

| Project # | Description | Total Project Estimate | FY 2004 Actual Expenditures | FY 2005 Revised Budget | FY 2006 Advertised Budget Plan | FY 2006 Adopted Budget Plan |
|--------------|---|------------------------|-----------------------------|------------------------|--------------------------------|-----------------------------|
| A00002 | Emergency Watershed Improvements | | \$93,491.82 | \$183,059.13 | \$95,000 | \$95,000 |
| L00034 | Kingstowne Environmental Monitoring Program | | 242,035.51 | 212,713.20 | 125,000 | 125,000 |
| N00096 | Dam Repairs | | 276,974.73 | 1,246,036.31 | 100,000 | 100,000 |
| U00005 | Survey Control Network Monumentation | | 67,680.22 | 82,319.78 | 75,000 | 75,000 |
| U00006 | Developer Defaults | | 537,347.94 | 2,596,976.64 | 400,000 | 400,000 |
| U00100 | VDOT Participation Projects | | 0.00 | 968,212.68 | 0 | 0 |
| V00000 | Road Viewer Program | | 1,241.77 | 543,176.92 | 25,000 | 25,000 |
| V00001 | Road Maintenance Program | | 127,478.13 | 102,453.56 | 25,000 | 25,000 |
| V00002 | Emergency Road Repairs | | 0.00 | 85,000.00 | 0 | 0 |
| Z00001 | Street Lights | | 21,991.30 | 95,607.70 | 0 | 0 |
| Z00002 | Developer Street Light Program | | 0.00 | 119,018.80 | 0 | 0 |
| Z00015 | Hunter Mill District St. Light Fund | 95,000 | 8,884.45 | 86,115.55 | 0 | 0 |
| Z00016 | Minor Street Light Upgrades | | 902.00 | 7,624.86 | 20,000 | 20,000 |
| Z00018 | Storm Drainage Projects | | 272,490.59 | 1,947,972.51 | 0 | 0 |
| Z00020 | Stormwater Control Planning | | 49,271.87 | 36,313.68 | 0 | 0 |
| Z00021 | Perennial Stream Mapping | 275,000 | 102,058.50 | 30,394.73 | 0 | 0 |
| Z00022 | Municipal Separate Storm Sewer System | | 1,509,687.70 | 3,879,749.43 | 2,420,000 | 1,420,000 |
| Z00023 | Occoquan River Dredging | 175,000 | 2,932.41 | 172,067.59 | 0 | 0 |
| Z00024 | Digital Flood Insurance Rate Map | 50,000 | 27,037.50 | 22,962.50 | 0 | 0 |
| Z00028 | Priority Stormwater Projects | | 0.00 | 0.00 | 17,900,000 | 0 |
| Z00029 | Riparian Buffer Restoration | 300,000 | 0.00 | 300,000.00 | 0 | 0 |
| Z00030 | Cleanup of Unauthorized Dumpsites | 300,000 | 0.00 | 300,000.00 | 0 | 0 |
| Total | | | \$1,195,000 | \$3,341,506.44 | \$13,017,775.57 | \$21,185,000 |

Fund 308 Public Works Construction

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|---|---|
| A00002 | Emergency Watershed Improvements |
| Countywide | Countywide |
| <p>Description and Justification: This project supports the correction of emergency drainage problems, engineering studies, and construction to alleviate flooding problems of a recurring or emergency nature. Due to their emergency nature, these drainage problems cannot be identified in advance. FY 2006 funding in the amount of \$95,000 is included to alleviate small-scale emergency problems that arise during the fiscal year.</p> | |

| | Total Project Estimate | Prior Expenditures | FY 2004 Expenditures | FY 2005 Revised Budget Plan | FY 2006 Advertised Budget Plan | FY 2006 Adopted Budget Plan | Future Years |
|------------------------|------------------------|--------------------|----------------------|-----------------------------|--------------------------------|-----------------------------|--------------|
| Land Acquisition | | \$122,369 | \$1,430 | \$392 | \$0 | \$0 | \$0 |
| Design and Engineering | | 1,544,146 | 8,765 | 115,537 | 0 | 0 | 0 |
| Construction | | 1,567,393 | 82,321 | 30,083 | 95,000 | 95,000 | 0 |
| Other | | 71,407 | 976 | 37,048 | 0 | 0 | 0 |
| Total | Continuing | \$3,305,314 | \$93,492 | \$183,059 | \$95,000 | \$95,000 | \$0 |

| Source of Funding | | | | |
|-------------------|--------------------------|----------------------------|----------|---------------|
| General Fund | General Obligation Bonds | Transfers from Other Funds | Other | Total Funding |
| \$0 | \$0 | \$0 | \$95,000 | \$95,000 |

Fund 308 Public Works Construction

| | | |
|---|--|-----|
| L00034 | Kingstowne Environmental Monitoring Program | |
| Kingstowne Development/Huntley Meadows Park | | Lee |
| <p>Description and Justification: This project supports the Kingstowne Environmental Monitoring program, established by the Board of Supervisors in June 1985 and intended to continue until completion of the Kingstowne Development. In FY 2002, the program was expanded to include the water quality monitoring requirements required by the U.S. Army Corps of Engineers for the development of the South Van Dorn Street extension. FY 2006 funding in the amount of \$125,000 is included to continue monitoring efforts.</p> | | |

| | Total Project Estimate | Prior Expenditures | FY 2004 Expenditures | FY 2005 Revised Budget Plan | FY 2006 Advertised Budget Plan | FY 2006 Adopted Budget Plan | Future Years |
|------------------------|------------------------|--------------------|----------------------|-----------------------------|--------------------------------|-----------------------------|--------------|
| Land Acquisition | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Design and Engineering | | 1,519,920 | 242,036 | 212,713 | 125,000 | 125,000 | 0 |
| Construction | | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | | 3,319 | 0 | 0 | 0 | 0 | 0 |
| Total | Continuing | \$1,523,239 | \$242,036 | \$212,713 | \$125,000 | \$125,000 | \$0 |

| Source of Funding | | | | |
|--------------------------|--------------------------|----------------------------|-----------|---------------|
| General Fund | General Obligation Bonds | Transfers from Other Funds | Other | Total Funding |
| \$0 | \$0 | \$0 | \$125,000 | \$125,000 |

Fund 308 Public Works Construction

| | |
|---|--------------------|
| N00096 | Dam Repairs |
| Countywide | Countywide |
| <p>Description and Justification: This project funds improvements necessary to meet State permit requirements, establish a monitoring program to assess dam integrity, and implement dam repairs. The Virginia Department of Conservation and Recreation has classified six dams maintained by the County as a Class I hazard potential. Class I dams are noted in the Virginia Dam Safety Regulations as “those located where failure will cause probable loss of life or serious damage to occupied buildings, industrial or commercial facilities, important public utilities, main highways or roads.” In order to obtain the required permit certification for Class I dams, the County must perform inspections of all dams and begin to address safety improvements. This project also funds small dam repair, and the repair of failed detention pond enhancements that fall beyond the scope of maintenance. FY 2006 funding in the amount of \$100,000 is included for conducting inspections, monitoring, and repairing dams and emergency spillways.</p> | |

| | Total Project Estimate | Prior Expenditures | FY 2004 Expenditures | FY 2005 Revised Budget Plan | FY 2006 Advertised Budget Plan | FY 2006 Adopted Budget Plan | Future Years |
|------------------------|------------------------|--------------------|----------------------|-----------------------------|--------------------------------|-----------------------------|--------------|
| Land Acquisition | | \$30,981 | \$8,737 | \$61 | \$0 | \$0 | \$0 |
| Design and Engineering | | 649,183 | 154,861 | 337,662 | 100,000 | 100,000 | 0 |
| Construction | | 1,590,962 | 95,663 | 835,851 | 0 | 0 | 0 |
| Other | | 40,078 | 17,715 | 72,462 | 0 | 0 | 0 |
| Total | Continuing | \$2,311,204 | \$276,975 | \$1,246,036 | \$100,000 | \$100,000 | \$0 |

| Source of Funding | | | | |
|--------------------------|--------------------------|----------------------------|-----------|---------------|
| General Fund | General Obligation Bonds | Transfers from Other Funds | Other | Total Funding |
| \$0 | \$0 | \$0 | \$100,000 | \$100,000 |

Fund 308 Public Works Construction

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|---|---|
| U00005 | Survey Control Network Monumentation |
| Countywide | Countywide |
| <p>Description and Justification: This project supports the maintenance and establishment of geodetic survey control points for the GIS system. Monumentation is placed on the ground for the use of both the private and public sector for surveying and mapping control. More than 1,400 survey monuments have been established in the County; however, it is estimated that more than one-third of these no longer exist as a result of construction activities, erosion and vandalism. FY 2006 funding in the amount of \$75,000 is included to continue the maintenance and upgrade of existing GIS control points.</p> | |

| | Total Project Estimate | Prior Expenditures | FY 2004 Expenditures | FY 2005 Revised Budget Plan | FY 2006 Advertised Budget Plan | FY 2006 Adopted Budget Plan | Future Years |
|------------------------|------------------------|--------------------|----------------------|-----------------------------|--------------------------------|-----------------------------|--------------|
| Land Acquisition | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Design and Engineering | | 1,534,665 | 67,680 | 0 | 75,000 | 75,000 | 0 |
| Construction | | 10,789 | 0 | 82,320 | 0 | 0 | 0 |
| Other | | 1,775 | 0 | 0 | 0 | 0 | 0 |
| Total | Continuing | \$1,547,229 | \$67,680 | \$82,320 | \$75,000 | \$75,000 | \$0 |

| Source of Funding | | | | |
|-------------------|--------------------------|----------------------------|----------|---------------|
| General Fund | General Obligation Bonds | Transfers from Other Funds | Other | Total Funding |
| \$0 | \$0 | \$0 | \$75,000 | \$75,000 |

Fund 308 Public Works Construction

| | |
|--|---------------------------|
| U00006 | Developer Defaults |
| Countywide | Countywide |
| <p>Description and Justification: This project is necessitated by economic conditions surrounding the construction industry that result in some developers not completing required public facilities, including acceptance of roads by the state, walkways, and storm drainage improvements. The receipt of monies from developer escrow and court judgments and/or compromise settlements may offset these costs. FY 2006 funding in the amount of \$400,000 is included for road improvements as well as construction of developer default projects that will be identified throughout the fiscal year. There is currently no significant unfunded backlog of developer default projects.</p> | |

| | Total Project Estimate | Prior Expenditures | FY 2004 Expenditures | FY 2005 Revised Budget Plan | FY 2006 Advertised Budget Plan | FY 2006 Adopted Budget Plan | Future Years |
|------------------------|------------------------|---------------------|----------------------|-----------------------------|--------------------------------|-----------------------------|--------------|
| Land Acquisition | | \$339,641 | \$6,269 | \$7,513 | \$7,000 | \$7,000 | \$0 |
| Design and Engineering | | 3,302,712 | 132,261 | 155,881 | 104,000 | 104,000 | 0 |
| Construction | | 11,672,261 | 312,639 | 1,859,233 | 282,000 | 282,000 | 0 |
| Other | | 453,363 | 86,179 | 574,350 | 7,000 | 7,000 | 0 |
| Total | Continuing | \$15,767,976 | \$537,348 | \$2,596,977 | \$400,000 | \$400,000 | \$0 |

| Source of Funding | | | | |
|-------------------|--------------------------|----------------------------|-----------|---------------|
| General Fund | General Obligation Bonds | Transfers from Other Funds | Other | Total Funding |
| \$0 | \$0 | \$0 | \$400,000 | \$400,000 |

Fund 308 Public Works Construction

| | |
|--|----------------------------|
| V00000 | Road Viewer Program |
| Countywide | Countywide |
| <p>Description and Justification: This project provides for the upgrading of roads for acceptance into the State Secondary Road System. Funding provides for survey, engineering and road construction of projects in the Board of Road Viewers Program. Once improvements are funded and completed, the need for ongoing County maintenance work on the roadway is eliminated. The Board of Road Viewers Program is enabled under the <u>Code of Virginia</u> and has been adopted by the Board of Supervisors. FY 2006 funding in the amount of \$25,000 is included to continue upgrading roads for acceptance into State Secondary Road System.</p> | |

| | Total Project Estimate | Prior Expenditures | FY 2004 Expenditures | FY 2005 Revised Budget Plan | FY 2006 Advertised Budget Plan | FY 2006 Adopted Budget Plan | Future Years |
|---------------------------|------------------------------|-----------------------|-------------------------|-----------------------------------|--------------------------------------|-----------------------------------|-----------------|
| Land Acquisition | | \$170,060 | \$0 | \$49,397 | \$0 | \$0 | \$0 |
| Design and Engineering | | 600,191 | 1,242 | 137,045 | 25,000 | 25,000 | 0 |
| Construction | | 1,496,163 | 0 | 282,832 | 0 | 0 | 0 |
| Other | | 125,983 | 0 | 73,903 | 0 | 0 | 0 |
| Total | Continuing | \$2,392,397 | \$1,242 | \$543,177 | \$25,000 | \$25,000 | \$0 |

| Source of Funding | | | | |
|--------------------------|-----------------------------|-------------------------------|----------|------------------|
| General Fund | General Obligation Bonds | Transfers from Other Funds | Other | Total Funding |
| \$0 | \$0 | \$0 | \$25,000 | \$25,000 |

Fund 308 Public Works Construction

| | |
|--|---------------------------------|
| V00001 | Road Maintenance Program |
| Countywide | Countywide |
| <p>Description and Justification: This project provides funding for maintenance of the roads in Fairfax County not currently included in the Virginia Department of Transportation (VDOT) Secondary Road System. The goal of this program is to ensure the safe operation of motor vehicles through maintenance of these existing County travelways. The State law (Section 33.1-225.3) permits Fairfax County to expend funds on roadway maintenance and minor improvements on roads not within the State Secondary Road System, provided such roads have a right-of-way of 15 feet minimum dedicated to public use. The maximum amount of mileage to be maintained under State law shall not exceed 30 miles per year. Maintenance work includes, but is not limited to, grading snow and ice control, replacement of substandard materials, patching of existing travelways, minor ditching, and stabilization of shoulders, slopes and drainage facilities. FY 2006 funding in the amount of \$25,000 is included for continued road maintenance.</p> | |

| | Total Project Estimate | Prior Expenditures | FY 2004 Expenditures | FY 2005 Revised Budget Plan | FY 2006 Advertised Budget Plan | FY 2006 Adopted Budget Plan | Future Years |
|------------------------|------------------------|--------------------|----------------------|-----------------------------|--------------------------------|-----------------------------|--------------|
| Land Acquisition | | \$271,963 | \$7,052 | \$0 | \$0 | \$0 | \$0 |
| Design and Engineering | | 901,788 | 72,391 | 30,000 | 0 | 0 | 0 |
| Construction | | 1,764,060 | 2,748 | 72,454 | 25,000 | 25,000 | 0 |
| Other | | 94,186 | 45,288 | 0 | 0 | 0 | 0 |
| Total | Continuing | \$3,031,997 | \$127,478 | \$102,454 | \$25,000 | \$25,000 | \$0 |

| Source of Funding | | | | |
|-------------------|--------------------------|----------------------------|----------|---------------|
| General Fund | General Obligation Bonds | Transfers from Other Funds | Other | Total Funding |
| \$0 | \$0 | \$0 | \$25,000 | \$25,000 |

Fund 308 Public Works Construction

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|---|-----------------------------------|
| Z00016 | Minor Streetlight Upgrades |
| Countywide | Countywide |
| <p>Description and Justification: This project provides for minor upgrades and repairs to existing streetlights that do not meet current Virginia Department of Transportation illumination standards for roadways. FY 2006 funding in the amount of \$20,000 is included for continued upgrades and repairs to existing streetlights.</p> | |

| | Total Project Estimate | Prior Expenditures | FY 2004 Expenditures | FY 2005 Revised Budget Plan | FY 2006 Advertised Budget Plan | FY 2006 Adopted Budget Plan | Future Years |
|------------------------|------------------------|--------------------|----------------------|-----------------------------|--------------------------------|-----------------------------|--------------|
| Land Acquisition | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Design and Engineering | | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction | | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | | 35,576 | 902 | 7,625 | 20,000 | 20,000 | 0 |
| Total | Continuing | \$35,576 | \$902 | \$7,625 | \$20,000 | \$20,000 | \$0 |

| Source of Funding | | | | |
|-------------------|--------------------------|----------------------------|----------|---------------|
| General Funding | General Obligation Bonds | Transfers from Other Funds | Other | Total Funding |
| \$0 | \$0 | \$0 | \$20,000 | \$20,000 |

Fund 308 Public Works Construction

| | |
|--|--|
| Z00022 | Municipal Separate Storm Sewer System |
| Countywide | Countywide |
| <p>Description and Justification: This project provides funding for the activities associated with the Virginia Pollutant Discharge Elimination System (VPDES) Municipal Separate Storm Sewer System (MS4) discharge permit, which is required as part of the Clean Water Act amendments of 1987, and mandates implementation of a water quality management program. The MS4 discharge permit is considered a five-year renewal of the National Pollutant Discharge Elimination System (NPDES) permit, effective January 24, 2002. Activities include water quality testing, watershed master planning, improvement programs, and development of the GIS-based storm sewer system inventory. FY 2006 funding in the amount of \$1,420,000 is included to continue this project. Permit activities are also affected by other state and federal mandates, including Total Maximum Daily Loads, the Chesapeake 2000 Agreement, and the Virginia Tributary Strategies.</p> | |

| | Total Project Estimate | Prior Expenditures | FY 2004 Expenditures | FY 2005 Revised Budget Plan | FY 2006 Advertised Budget Plan | FY 2006 Adopted Budget Plan | Future Years |
|------------------------|------------------------|--------------------|----------------------|-----------------------------|--------------------------------|-----------------------------|--------------|
| Land Acquisition | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Design and Engineering | | 1,275,339 | 1,493,419 | 3,874,915 | 2,420,000 | 1,420,000 | 0 |
| Construction | | 495 | 16,268 | 588 | 0 | 0 | 0 |
| Other | | 10,453 | 0 | 4,246 | 0 | 0 | 0 |
| Total | Continuing | \$1,286,287 | \$1,509,688 | \$3,879,749 | \$2,420,000 | \$1,420,000 | \$0 |

| Source of Funding | | | | |
|-------------------|--------------------------|----------------------------|-------------|---------------|
| General Fund | General Obligation Bonds | Transfers from Other Funds | Other | Total Funding |
| \$0 | \$0 | \$0 | \$1,420,000 | \$1,420,000 |