CAPITAL INVESTMENTS PLAN

INTRODUCTION

The 2009-2013 CIP plays a key role in the City of Dover where an aging infrastructure and a growing community demanding expansion exist. This CIP reflects the City's commitment to orderly expansion, staying current with technology, improving infrastructure, and planning for our future. The CIP proposes spending $94.8 million over the next five years.

The CIP reflects the emphasis we gave over the last four fiscal years to strategic planning. In a series of meetings with Council, department heads, and other City employees, we have developed a vision, mission, and critical success factors for the City over the next two years. We want to be a clean and safe community with a future of balanced growth and opportunity where all citizens are heard, enjoy a high quality of life, and diversity is valued. We believe this CIP supports that by providing improvements to our parks and recreational facilities; supporting our police and fire services; and maintaining our streets and infrastructure. Copies of the strategic plan may be obtained from the City Manager's office.

The 2009 CIP totals $23.4 million, a decrease of approximately $4 million over the 2008 CIP. The 2009 CIP also contains proposed vehicle/equipment purchases of $1.2 million. The decrease is due to deferring numerous projects due to budget constraints.

Electric capital projects total $13.1 million in Fiscal Year 2009 versus $17.8 million in Fiscal Year 2008, a $4.7 million difference. The remaining phase of the 69 KV Feeders 3 and 4 ($4 million) is approximately $5 million dollars less than last year's phase and accounts for most of the difference.

Water/Wastewater capital projects total $6.9 million for Fiscal Year 2009, an increase of $3.6 million over Fiscal Year 2008. The increase can be attributed to increased efforts to address water quality and mitigate inflow infiltration of our wastewater system. In Fiscal Year 2009 water quality improvements are budgeted to be $1.6 million. The City will be completing the final phase of the US Route 13 East Sanitary Sewer Interceptor which is estimated to cost $3.1 million. Three of the City's sewer pumping stations ($500,900) will be replaced.

General Fund projects in the CIP include the annual Street and Alley Program; beginning work on the new regional library; continued work on the upgrade and replacement of an inner city fiber optic loop; and dredging of Mirror Lake.

In the Water/Wastewater Fund, projects include continuation of the meter reading technology upgrade; work on improving water quality and inflow infiltration; the final phase of the US Route 13 East Sanitary Sewer Interceptor; South Governors Avenue water and sewer main improvements and upgrades; and replacement and upgrades to pumping stations at Delaware State University, Weaver Street, and Acorn Lane.

Electric projects include replacement of the current St. Jones Substation in coordination with the 69 Kv Feeders 3 and 4 project in its final phase; improvement to Governors Avenue; pollution control project at the power plant; and continuation of New Development/Upgrade projects.

The St. Jones Substation project will replace the current substation. The new station will consist of a bus tie for the two new 69Kv circuits, installation of a new transformer and switchgear to replace the existing obsolete equipment. The 69 KV Feeders 3 and 4 will install feeders from Cartanza Substation to the existing 69 KV loop. FY 2009 is its final phase. Land acquisition and design specification began in Fiscal Year 2006 with major work and expense occurring from Fiscal Year 2008 through Fiscal Year 2009. This project will insure reliability to our customers. The Governors Avenue Rebuild project is part of a DelDOT road improvement project. All utility poles and wires will be replaced with underground equipment. This project will be partly reimbursed by the State.

Vehicular purchases for Fiscal Year 2009 are budgeted at $1,241,682. Major vehicular purchases include twelve Police Department vehicles and two motorcycles; two Sanitation trash trucks; a sewer camera truck for Wastewater Division; and a street sweeper for the Streets Division.

DEFINITION

The Capital Investments Plan (CIP) is strictly a planning document designed to coordinate and communicate the City's capital requirements for the next five years. It should be utilized as a guide, not a final commitment. Funding is committed only when City Council approves the project or equipment purchase in an operating budget.

The City prepares a five-year CIP annually. This is in accordance with financial policies. This method provides for the orderly maintenance, replacement, and expansion of the City's capital assets.

With the CIP, emphasis and importance was placed on the process in order to provide a more orderly and comprehensive plan. Departments were encouraged to include all possible projects for consideration. Each request was reviewed in-depth and discussed in terms of priority and feasibility. The draft CIP was reviewed by Council Committees before budget review and by the entire Council during the budget review process in May. This approach allows for fewer revisions.

A schedule called "2009 CIP by Revenue Sources and Funds" is provided on pages 132 and 133. This schedule provides a comparison of the Fiscal Year 2008 capital budget to the proposed Fiscal Year 2009 CIP.

All vehicles requested for replacement were inspected by Fleet Maintenance staff. Each vehicle's brake system, fuel system, suspension, steering mechanism, coupling devices, and operating systems were checked for condition and rated good, fair, or poor. Repair estimates were also included if any of the vehicle systems required maintenance. Any vehicles with a rating of good or fair were not replaced.

CRITERIA

Capital outlays are major projects undertaken by the City that generally fit within one or more of the following categories:

- All projects requiring debt obligation or borrowing
- Any acquisition or lease of land
- Purchase of major equipment and vehicles ordered in excess of $25,000 with a life expectancy of five years or more
- Construction of new buildings or facilities including engineering, design, and other pre-construction costs with an estimated cost in excess of $25,000
- Major building improvements that are not routine expenses and that substantially enhance the value of a structure
- Major equipment or furnishings required to furnish new buildings or other projects

- Major projects that are generally not recurring on a "year in, year out" basis
- Projects costing more than $1,000 but less than $25,000 are included with the operating budget (minor capital).

IMPACT ON OPERATING BUDGET

An important consideration in any CIP is its impact on the operating budget. The Fiscal Year 2009 capital budget is funded primarily from operating funds ($14.5 million), bond proceeds ($13.8 million), reserve funds ($1.4 million) and bonds ($10.2 million) totaling $24.6 million. Please refer to the table below for projections of impact to operating budgets over the next five years by project. Because some capital investments are funded from general obligation and revenue bonds, the greatest impact on the operating budget is payment of debt service. The debt service for Fiscal Year 2009 is approximately $4.7 million. In addition, completed projects may have operational costs such as maintenance, utilities, and manpower. In some cases, operational efficiencies result from capital projects that decrease costs in the operating budget. In the Capital Investments Plan description section, operation costs (savings) are shown for each project by year under "Impact on Operating Budget." A section, "Explanation of Impact on Operating Budget", is included to discuss and clarify what the impact of the project is anticipated to be. A summary of each project's "Impact on Operating Budget" follows in the next table.

Impact on Operating Budget for 2009-2013 CIP

Project Begins	Project Name	2009	2010	2011	2012	2013
2009	Upgrade/Replacement of Inner City Fiber Optic		-	10,000	10,000	10,000
2009	Playground Equipment Purchase Program	300	300	300	300	-
2009	Splash Pad at Schutte Park		15,000	16,000	17,000	18,000
2009	Skate Park		10,000	10,300	10,609	10,927
2009	Replacement Library	-	-	-	168,144	-
2009	GIS Infrastructure and Mobile Solutions		1,000	2,500	4,000	4,000
2010	Expand Document Imaging Functionality	-	12,915	12,915	12,915	12,915
2010	GPS Tracking of City Fleet	-	19,000	18,000	27,000	27,000
2010	Lighted Soccer/Multi-Purpose Field	-	-	15,000	15,000	-
	Total Impact on Operating Budget	$ 300	$ 58,215	$ 85,015	$ 264,968	$ 82,842

2009 CIP BY REVENUE SOURCE AND FUNDS
PREPARED AS OF AUGUST 1, 2008

PROJECT	General Fund	Community Trans. Fund	Water/Wastewater Fund	Bond Financing	Electric I & E Fund	Electric Deprec. Reserve	Electric Bond	State Grant	Other	Impact Fee Reserve	State Reimb.	TOTALS
Annual Contribution to Robbins Hose	288,210											288,210
Concrete Construction and Replacement Program	65,000											65,000
GIS Infrastructure and Mobile Solutions	38,380											38,380
Handicapped Accessibility Improvements	25,000											25,000
Mirror Lake Dredging								400,000				400,000
Playground Equipment Purchase Program	40,000							40,000				80,000
Replacement Library								600,000	600,000			1,200,000
Silver Lake Park Revitalization Project	50,000											50,000
Skate Park	10,000											10,000
Space Needs Study Implementation	115,000											115,000
Splash Pad at Schutte Park	10,000											10,000
Street and Alley Program	400,000	500,000										900,000
Upgrade/Replacement of Inner City Fiber Optic Loop	86,000											86,000
General Total												**3,267,590**
69 KV Feeders 3 and 4							3,956,820					3,956,820
Danner Farm Transformer					45,000							45,000
DEMA Safety & Security Grant											75,000	75,000
Distribution Upgrades						500,000						500,000
Horsepond 600 Transformer						695,000						695,000
Lighting Project and Rehabilitation					50,000							50,000
McKee Run & VanSant Arc Flash Analysis					50,000							50,000
McKee Run Unit 3 CEMS Software & Computer					30,000							30,000
McKee Run Unit 3 COMS Replacement					30,000							30,000
McKee Run Unit 3 Selective Non-Catalytic Reduction Sys.					2,600,000							2,600,000
New Developments					865,000							865,000
Replacement of 69 KV Breakers						183,000						183,000
St. Jones Substation					519,122		3,509,000					4,028,122
VanSant Unit 11 CEMS Software & Computer					30,000							30,000
Electric Total												**13,137,942**

2009 CIP BY REVENUE SOURCE AND FUNDS
PREPARED AS OF AUGUST 1, 2008

PROJECT	General Fund	Community Trans. Fund	Water/Wastewater Fund	Bond Financing	Electric I & E Fund	Electric Deprec. Reserve	Electric Bond	State Grant	Other	Impact Fee Reserve	State Reimb.	TOTALS
1.0 MG Elevated Water Storage Tower												695,000
2nd Meter Reading Tech Upgrade (WW)			147,250									147,250
Acorn Lane Package Pump Station Replacement				50,000								50,000
Delaware State University Pumping Station Replacement				50,000								50,000
Fox Hall/Retreat Force Main Rerouting				25,900								25,900
Inflow/Infiltration Removal				275,000								275,000
Meter Reading Technology Upgrade			147,250									147,250
Miscellaneous Distribution System Improvements										60,000		60,000
Miscellaneous Sewer System Improvements			31,500									31,500
Piney Point Well				195,000								195,000
SCADA Equipment Technology Upgrade			76,600									76,600
US Route 13 East Sanitary Sewer Interceptor												3,065,000
Water Quality Improvements												1,587,000
Weaver Street Package Pump Station Replacement				400,900								400,900
Wellhead Redevelopment Program			50,000									50,000
Wellhead VFD Upgrades			124,200									124,200
Water/Wastewater Total												**6,980,600**
TOTALS	**1,127,590**	**500,000**	**576,800**	**996,800**	**4,219,122**	**1,378,000**	**7,465,820**	**1,040,000**	**600,000**	**60,000**	**75,000**	**23,386,132**

TOTAL CITY SUMMARY

EXPENDITURES

CATEGORY	PAGE	TOTAL 5 YEAR COST	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
General	137	45,852,347	3,267,590	12,521,851	12,370,486	6,734,667	10,957,753
Water/Wastewater	171	21,058,400	6,980,600	6,464,100	2,371,100	2,854,300	2,388,300
Electric	207	27,869,955	13,137,942	3,366,201	3,587,715	3,535,106	4,242,991
TOTAL		**94,780,702**	**23,386,132**	**22,352,152**	**18,329,301**	**13,124,073**	**17,589,044**

REVENUE

REVENUE SOURCE	TOTAL 5 YEAR COST	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
General Fund	22,087,347	1,127,590	3,064,851	2,492,486	5,684,667	9,757,753
Community Transportation Fund	4,775,000	500,000	1,125,000	1,000,000	1,000,000	1,150,000
Water/Wastewater Fund	5,694,800	576,800	219,300	1,177,100	1,408,300	2,313,300
Bond Financing	12,144,700	6,343,800	5,800,900	-	-	-
Capital Asset Reserve	578,000	-	202,100	375,900	-	-
Electric I and E Fund	16,392,135	4,219,122	2,683,201	2,899,715	2,847,106	3,742,991
Electric Depreciation Reserve Fund	3,937,000	1,378,000	683,000	688,000	688,000	500,000
Electric Bond	7,465,820	7,465,820	-	-	-	-
State Grant	9,290,000	1,040,000	4,060,000	4,050,000	50,000	50,000
Other	9,700,000	600,000	4,272,000	4,828,000	-	-
Impact Fee Reserve	2,490,900	60,000	91,800	818,100	1,446,000	75,000
State Reimbursement	75,000	75,000	-	-	-	-
Homeland Security Grant	150,000	-	150,000	-	-	-
TOTAL	**94,780,702**	**23,386,132**	**22,352,152**	**18,329,301**	**13,124,073**	**17,589,044**

TOTAL CITY SUMMARY

with Vehicles Included

EXPENDITURES

CATEGORY	PAGE	TOTAL 5 YEAR COST	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
General	137	45,852,347	3,267,590	12,521,851	12,370,486	6,734,667	10,957,753
Water/Wastewater	171	21,058,400	6,980,600	6,464,100	2,371,100	2,854,300	2,388,300
Electric	207	27,869,955	13,137,942	3,366,201	3,587,715	3,535,106	4,242,991
Subtotal		**94,780,702**	**23,386,132**	**22,352,152**	**18,329,301**	**13,124,073**	**17,589,044**
Vehicles	237	7,603,916	1,241,682	2,531,353	1,564,966	781,665	1,483,776
TOTAL		**102,384,144**	**24,627,814**	**24,883,981**	**19,894,267**	**13,905,738**	**19,072,820**

REVENUE

REVENUE SOURCE	TOTAL 5 YEAR COST	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
General Fund	28,076,109	2,080,882	4,522,235	3,805,607	6,466,332	11,241,529
Community Transportation Fund	4,775,000	500,000	1,125,000	1,000,000	1,000,000	1,150,000
Water/Wastewater Fund	7,080,590	815,800	1,179,745	1,363,445	1,408,300	2,313,300
Bond Financing	12,144,700	6,343,800	5,800,900	-	-	-
Capital Asset Reserve	578,000	-	202,100	375,900	-	-
Electric I and E Fund	16,621,025	4,268,512	2,797,201	2,965,215	2,847,106	3,742,991
Electric Depreciation Reserve Fund	3,937,000	1,378,000	683,000	688,000	688,000	500,000
Electric Bond	7,465,820	7,465,820	-	-	-	-
State Grant	9,290,000	1,040,000	4,060,000	4,050,000	50,000	50,000
Other	9,700,000	600,000	4,272,000	4,828,000	-	-
Impact Fee Reserve	2,490,900	60,000	91,800	818,100	1,446,000	75,000
State Reimbursement	75,000	75,000	-	-	-	-
Homeland Security Grant	150,000	-	150,000	-	-	-
TOTAL	**102,384,144**	**24,627,814**	**24,883,981**	**19,894,267**	**13,905,738**	**19,072,820**

THIS PAGE INTENTIONALLY LEFT BLANK

GENERAL

EXPENDITURES

CATEGORY	PAGE	TOTAL 5 YEAR COST	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Central Services							
Space Needs Study Implementation	140	13,075,798	115,000	422,224	390,724	4,044,007	8,103,843
10K Forklift	141	25,000	-	25,00	-	-	-
Conference Room & Office	142	12,000	-	12,000	-	-	-
Upgrade the Optical Mark Recognition (OMR) scanner	143	10,000	-	-	-	10,000	-
Subtotal		**13,122,798**	**115,000**	**459,224**	**390,724**	**4,054,007**	**8,103,843**
Facilities Management							
Handicapped Accessibility Improvements	144	25,000	25,000	-	-	-	-
Subtotal		**25,000**	**25,000**	-	-	-	-
Fire							
Annual Contribution to Robbins Hose	145	1,720,450	288,210	288,210	288,210	427,910	427,910
Subtotal		**1,720,540**	**288,210**	**288,210**	**288,210**	**427,910**	**427,910**
Information Technology							
Upgrade/Replacement of Inner City Fiber Optic Loop	146	86,000	86,000	-	-	-	-
Expand Document Imaging Functionality	147	112,580	-	112,580	-	-	-
IT Long Range Planning Process, Review and Update	148	65,000	-	65,000	-	-	-
Technology Projects per TAC Recommendations	149	1,011,814	-	465,450	546,364	-	-
GPS Tracking of City Fleet	150	44,250	-	14,750	14,750	14,750	-
Subtotal		**1,319,644**	**86,000**	**657,780**	**561,114**	**14,750**	**-**
Parks and Recreation							
Playground Equipment Purchase	151	80,000	80,000	-	-	-	-
Mirror Lake Dredging	152	400,000	400,000	-	-	-	-
Splash Pad at Schutte Park	153	255,000	10,000	245,000	-	-	-
Skate Park	154	160,000	10,000	150,000	-	-	-
Park & Playground Improvements	155	132,000		30,000	33,000	33,000	36,000
Schutte Park Pathway	156	120,000	-	120,000	-	-	-
Lighted Soccer/Multi-purpose field	157	190,000	-	-	190,000	-	-
Shutte Park Land Improvements	158	100,000	-	-	100,000	-	-
Dog Park	159	20,000	-	-	-	20,000	-
Tennis Courts at Shutte Park	160	150,000	-	-	-	150,000	-
Repave Parking Lot at Shutte Park	161	300,000	-	-	-	-	300,000
Subtotal		**1,907,000**	**500,000**	**545,000**	**323,000**	**203,000**	**336,000**

EXPENDITURES

CATEGORY	PAGE	TOTAL 5 YEAR COST	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Library							
Replacement Library	162	18,200,000	1,200,000	8,272,000	8,728,000	-	-
Subtotal		**18,200,000**	**1,200,000**	**8,272,000**	**8,728,000**	**-**	**-**
Police							
Server Room Fire Suppression System	163	50,000	-	50,000	-	-	-
Repave Station Parking Lots	164	95,200	-	95,200	-	-	-
Second Floor Expansion	165	122,875	-	61,437	61,438	-	-
Second Evidence Storage Facility	166	20,000	-	-	20,000	-	-
Subtotal		**288,075**	**-**	**206,637**	**81,438**	**-**	**-**
Public Services - Administration							
GIS Infrastructure & Mobile Solutions	167	74,380	38,380	18,000	18,000	-	-
Subtotal		**74,380**	**38,380**	**18,000**	**18,000**	**-**	**-**
Public Services - Streets							
Street & Alley Program	168	8,200,000	900,000	1,750,000	1,800,000	1,850,000	1,900,000
Concrete Construction & Replacement Program	168	395,000	65,000	75,000	80,000	85,000	90,000
Silver Lake Revitalization Project	170	600,000	50,000	250,000	100,000	100,000	100,000
Subtotal		**9,195,000**	**1,015,000**	**2,075,000**	**1,980,000**	**2,035,000**	**2,090,000**
TOTAL		**45,852,347**	**3,267,590**	**12,521,851**	**12,370,486**	**6,737,667**	**10,957,753**

REVENUE

REVENUE SOURCE	TOTAL 5 YEAR COST	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
General Fund	22,087,347	1,127,590	3,064,851	2,492,486	5,684,667	9,757,753
Community Transportation Fund	4,775,000	500,000	1,125,000	1,000,000	1,000,000	1,150,000
State Grant	9,290,000	1,040,000	4,060,000	4,050,000	50,000	50,000
Other	9,700,000	600,000	4,272,000	4,828,000	-	-
TOTAL	**45,852,347**	**3,267,590**	**12,521,851**	**12,370,486**	**6,734,667**	**10,957,753**

Space Needs Study Implementation

FISCAL YEARS: 2009 - 2013

PROJECT NO: FM701

CATEGORY: General

DEPARTMENT: Central Services

DEPT. RANKING: 1

NEW PROJECT: Yes

PROJECT DESCRIPTION: This is a ten-year plan for City buildings that will create spaces and places for the City's elected officials and employees to provide quality services to the citizens. The Facility Space Committee toured all City buildings, interviewed all department heads, conducted a needs assessment and proximity matrix, created measured drawings of buildings, and consulted with an architect as needed.

NEED, JUSTIFICATION, BENEFIT: The Study revealed (1) a lack of space for public and customers, (2) a lack of working space, (3) poor locations, (4) substandard space, (5) a lack of storage space, and (6) a lack of security.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: We will continue to face all the problems associated with a lack of space, lack of security, poor locations, and substandard space.

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: Impact on Operating Budget has yet to be determined at this time.

TIME-LINE/CURRENT STATUS: Project will begin in Fiscal Year 2007 and continue through Fiscal Year 2016.

COMMENTS:

Description	Current Estimate	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Project Total
Move IT to 2nd Floor	**18,000**	18,900						**18,900**
Move Finance to 2nd Floor	20,000	20,000						**20,000**
Move HR to Finance	10,000	10,800						**10,800**
Build Meeting Room	10,000	22,000						**22,000**
Public Works Addition	180,000							-
Electric Admin Addition	10,000							-
Parks & Recreation	100,000	55,000	65,000					**120,000**
Police 2nd Floor	123,000				149,507			**149,507**
Council Chambers	338,000		50,000	381,383				**431,383**
A/V Communication	32,000			40,841				**40,841**
Relocate Grounds	180,000				241,217			**241,217**
City Hall East Wing	2,566,000					3,610,620		**3,610,620**
City Hall West Wing	4,860,000						7,180,433	**7,180,433**
Connectors	616,000					433,387	462,444	**895,830**
City Hall	312,000						460,966	**460,966**
Total	**9,375,000**	**126,700**	**115,000**	**422,224**	**390,724**	**4,044,007**	**8,103,843**	**13,202,498**

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design		50,000						**50,000**
Land								
Construction	126,700	65,000	422,224	390,724	4,044,007	8,103,843		**13,152,498**
Miscellaneous								
Other								
TOTAL	**126,700**	**115,000**	**422,224**	**390,724**	**4,044,007**	**8,103,843**		**13,202,498**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
General Fund	126,700	115,000	422,224	390,724	4,044,007	8,103,843		**13,202,498**
TOTAL	**126,700**	**115,000**	**422,224**	**390,724**	**4,044,007**	**8,103,843**		**13,202,498**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

10K Forklift

FISCAL YEAR S : 2010

PROJECT NO: N/A

CATEGORY: General

DEPARTMENT: Central Services

DEPT. RANKING: 3

NEW PROJECT: Yes

PROJECT DESCRIPTION: This project involves the purchase of a new 10,000 lb. capacity forklift to replace the 1987 6,000 lb. capacity forklift.

NEED, JUSTIFICATION, BENEFIT: The stock levels of three phase transformers have increased due to Electric Department requirements. These transformers can weigh up to 10,000 pounds each. We currently drive the 6,000 lb. forklift to the North Street storage yard and unload what we can. We then request assistance from the Electric Department to unload using a line truck. Ownership of a 10K forklift will allow warehouse staff to manage out-sized and extremely heavy materials. The forklift will also be available for the use of other City departments.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: As the workload of the Electric Department increases, the availability of their crews to help us will diminish.

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: This project will include a maintenance program to be funded during the years after purchase.

TIME-LINE/CURRENT STATUS: Project should be bid in spring 2009.

COMMENTS: None

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction								
Miscellaneous			25,000					**25,000**
Other								
TOTAL			**25,000**					**25,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
General Fund			25,000					**25,000**
TOTAL			**25,000**					**25,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Conference Room & Office

FISCAL YEAR S : 2010

PROJECT NO:

CATEGORY: General

DEPARTMENT: Central Services

DEPT. RANKING: 2

NEW PROJECT: Yes

PROJECT DESCRIPTION: Construct conference room and additional office in warehouse #1 at 710 William Street.

NEED, JUSTIFICATION, BENEFIT: There is no conference room available within Central Services to conduct pre-bid meetings, contract negotiations or conduct other meetings/training. We will also require more office space for staffing needs.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: All procurement type meetings must be conducted within the department requesting the purchase. All other meetings must be held in the break room at the warehouse. This delays the procurement process and applies unreasonable time constraints caused by scheduling meeting around employee break and meal times. There are no other areas available to use for staffing purposes.

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Construction materials will be bid FY 2009.

COMMENTS:

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction			12,000					**12,000**
Miscellaneous								
Other								
TOTAL			**12,000**					**12,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
General Fund			12,000					**12,000**
TOTAL			**12,000**					**12,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Upgrade the Optical Mark Recognition (OMR) Scanner

FISCAL YEARS :	2011 - 2012
PROJECT NO:	N/A
CATEGORY:	General
DEPARTMENT:	Central Services
DEPT. RANKING:	4
NEW PROJECT:	Yes

PROJECT DESCRIPTION: The mail room has OMR level 0 which allows for end of collation only. Upgrading to OMR level 2 will allow for selective feed. We would not insert items into bills that don't belong. Example, no return envelope if signed up for electronic payment, no local insert if out of state.

NEED, JUSTIFICATION, BENEFIT: This will reduce costs by eliminating unnecessary inserts in the utility bills. It will also increase efficiency by allowing targeted inserts based on district or any other data we wish to use.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: None

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS:

COMMENTS:

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction								
Miscellaneous					10,000			**10,000**
Other								
TOTAL					**10,000**			**10,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
General Fund					10,000			**10,000**
TOTAL					**10,000**			**10,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Handicapped Accessibility Improvements

FISCAL YEAR :	2009
PROJECT NO:	FM0601
CATEGORY:	General
DEPARTMENT:	Facilities Management
DEPT. RANKING:	1
NEW PROJECT:	No

PROJECT DESCRIPTION: The goal of this program is to make City facilities accessible to handicapped citizens. This program will be carried out in conformance with the ADA Implementation Plan which was completed in Fiscal Year 2004. The program sets aside money each year to implement plan recommendations.

NEED, JUSTIFICATION, BENEFIT: The City has been advised to bring its facilities up to ADA standards.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: City facilities may be in violation of ADA requirements.

THIS PROJECT IS RELATED TO THE FOLLOWING: City ADA Implementation Committee Study

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Implementation of the ADA planned upgrades has begun. Six City buildings have had automatic doors installed.

COMMENTS: The William Street Warehouse is next building scheduled to have handicapped accessibility.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction	68,500	25,000						**93,500**
Miscellaneous								
Other	7,500							**7,500**
TOTAL	**76,000**	**25,000**						**101,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
General Fund	41,000	25,000						**66,000**
	35,000							**35,000**
TOTAL	**76,000**	**25,000**						**101,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Annual Contribution to Robbins Hose Company

FISCAL YEAR:	2009 - 2013
PROJECT NO:	N/A
CATEGORY:	General
DEPARTMENT:	Fire
DEPT. RANKING:	1

PROJECT DESCRIPTION: This contribution covers payments to the Robbins Hose Company to cover the Major Fire Apparatus Replacement Plan and the annual mortgage payment for Station #2.

NEED, JUSTIFICATION, BENEFIT: The annual mortgage payment is based on an earlier agreement that the City has with the Robbins Hose Company. The Major Fire Apparatus Replacement Plan ensures loan payments for replacement according to a schedule which guarantees equipment will not be outdated and unserviceable. This plan is based on replacing one of the Company's five engines and one rescue vehicle every three years which would put the average replacement age at 18 years. The two ladder trucks would be replaced every 15 years depending on condition and current needs. This schedule would reduce overall maintenance costs because fire apparatus would be replaced before major problems occur. By providing the Robbins Hose Company with the needed payments for the Major Fire Apparatus Replacement Plan, the Robbins Hose Company will be enabled to pay for a $5.5 million door rehabilitation of the Company Headquarters on Governors Avenue. This renovation is designed to handle 25 years of growth of the company and would preclude any need for an additional fire station in Dover. The Robbins Hose Company will also cover costs associated with miscellaneous apparatus and equipment such as command units, utility vehicles, and large hose replacement.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: increased maintenance costs; possibility of not meeting ISO requirements and NFPA standards

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

Fiscal Year	Prior to 2009	2009	2010	2011	2012	2013	TOTALS
Mtge Stat. #2	35,000						**$ 35,000**
Ladder 1 (2001)	70,000				130,000	130,000	**$ 330,000**
Ladder 2 (1993)	92,910	92,910	92,910	92,910	92,910	92,910	**$ 557,460**
Engine 4 (1989)							**$ -**
Engine 5 (2008)		195,300	195,300	195,300			**$ 585,900**
Engine 7 (1997)					205,000	205,000	**$ 400,000**
Totals	**$ 197,910**	**$ 288,210**	**$ 288,210**	**$ 288,210**	**$ 427,910**	**$ 427,910**	**$ 1,918,360**

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction								
Miscellaneous Equipment	**197,910**	**288,210**	**288,210**	**288,210**	**427,910**	**427,910**		**1,918,360**
Other								
TOTAL	**197,910**	**288,210**	**288,210**	**288,210**	**427,910**	**427,910**		**1,918,360**

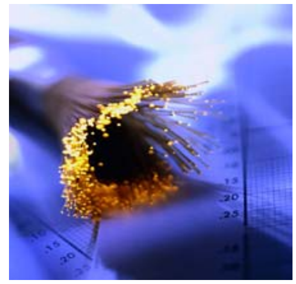
FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
General Fund	197,910	288,210	288,210	288,210	427,910	427,910		**1,918,360**
TOTAL	**197,910**	**288,210**	**288,210**	**288,210**	**427,910**	**427,910**		**1,918,360**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Upgrade/Replacement of Inner City Fiber Optic Loop



FISCAL YEAR S : 2008 - 2009

PROJECT NO: 3

CATEGORY: General

DEPARTMENT: Information Technology

DEPT. RANKING: 3

NEW PROJECT: No

PROJECT DESCRIPTION: This is the second year for this project. The Fiber Network Evaluation Study completed June 2007 by CTC, Inc. identified more work and costs than we were able to budget for in 2007/2008. This second year will provide funds necessary to complete the redundant fiber loop.

NEED, JUSTIFICATION, BENEFIT: If we have a break in the current fiber, there will be loss of services (computer and phone) until the break can be located and repaired by specialized third party fiber splicing personnel.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Possible outages of network and phone for several hours at a time.

THIS PROJECT IS RELATED TO THE FOLLOWING: EE0710 is the first year project.

EXPLANATION OF IMPACT ON OPERATING BUDGET: There will be approximately $100,000 used for electronics. All equipment will be purchased with warranties so the impact to operating budget, if any, may not be seen until 2011 or later. A ball park estimate of 10% for annual maintenance is being used here and will be refined after equipment is actually purchased.

TIME-LINE/CURRENT STATUS: Project is currently in progress and will be completed during the first half of fiscal year 2008/2009.

COMMENTS: CTC estimated $233,000 for this project. $122,000 was budgeted for 2007/2008 so the remaining balance, $111,000, is budgeted for 2008/2009.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction								
Miscellaneous								
Other	122,000	86,000						**208,000**
TOTAL	**122,000**	**86,000**						**208,000**

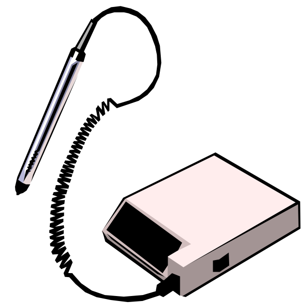
FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
General Fund	122,000	86,000						**208,000**
TOTAL	**122,000**	**86,000**						**208,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Yearly Maintenance				10,000	10,000	10,000		**30,000**

Expand Document Imaging Functionality



FISCAL YEAR S : 2010

PROJECT NO: 1

CATEGORY: General

DEPARTMENT: Information Technology

DEPT. RANKING: 1

NEW PROJECT: Yes

PROJECT DESCRIPTION: Document Imaging has been used in parts of the City for approximately ten years and was expanded in 2007/2008 to include HTE report integration. This project expands the depth of this methodology to include three new functions. Those may include: Integrated application enabling, digital signature entry and integration, web enabling document retrieval for Intranet and Internet, document flow control, etc. In addition to hardware and software, this project will include a significant amount of time and funds for comprehensive in-house imaging and work flow training.

NEED, JUSTIFICATION, BENEFIT: This particular proposal received the highest number of votes at the October 11, 2007 Technology Advisory Committee, which is made up by representatives of all departments. This project will reduce storage and paper usage, as well as the time required to store it, search through it, and destroying it when retention has expired.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: We will continue to do these things manually, continue to print paper and add file cabinets, and continue to pay people to file, search, and destroy paper documents.

THIS PROJECT IS RELATED TO THE FOLLOWING: Successful completion of the 2008 IT Implement Citywide Document Imaging System CIP.

EXPLANATION OF IMPACT ON OPERATING BUDGET: Software will have on-going annual maintenance fees. Estimated at 15% per year. Any hardware purchased for this project will eventually need to be replaced.

TIME-LINE/CURRENT STATUS: Project to start in August 2008. To be completed by the end of April 2009.

COMMENTS: Software Estimates are based on September 2007 software quotes from our current imaging vendor. Image It - $17,000 for 15 users, Enable It - $50,000, Form Processing - $9,600, Data Entry Assistant - $3,000, Sign It - $6,500. Total Software Estimate - $86,100. Hardware estimates are based on IT experience. Server - $7,500 for 1, Signature Pads - $980 for 10 and workgroup printer/scanners for Customer Service - $2,000 for 3. Total Hardware Estimate - $10,480. Training based on current vendor rate ($100 per hour) $16,000 for 4 weeks. Total Project Estimate - $112,580.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction								
Miscellaneous								
Other	80,000		112,580					**192,580**
TOTAL	**80,000**		**112,580**					**192,580**

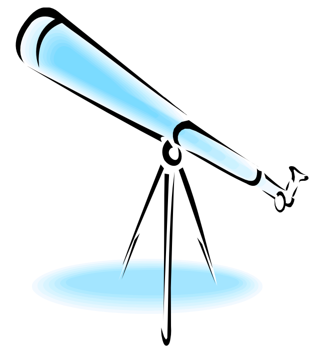
FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
General Fund	80,000		112,580					**192,580**
TOTAL	**80,000**		**112,580**					**192,580**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Software Maintenance			12,915	12,915	12,915	12,915		**51,660**

IT Long Range Planning Process Review and Update



FISCAL YEARS : 2010

PROJECT NO: 1

CATEGORY: General

DEPARTMENT: Information Technology

DEPT. RANKING: 1

NEW PROJECT: Yes

PROJECT DESCRIPTION: In 2004, the City hired a third party to help us put a framework around long range technology planning and spending. The outcome which included a five year plan has provided a roadmap and format that has allowed us to continue to move forward with technology in an organized and predictable manner. This new is to repeat the process and update our plan. This update was presented to the TAC group and received a high number of votes October 2008.

NEED, JUSTIFICATION, BENEFIT:

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Less predictable technology planning and spending in future years.

THIS PROJECT IS RELATED TO THE FOLLOWING:

EXPLANATION OF IMPACT ON OPERATING BUDGET: none.

TIME-LINE/CURRENT STATUS: Start in 2010.

COMMENTS: Estimate is based on cost of 2004 study $50,000 plus $15,000 for inflation (calculated at 4% per year).

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction								
Miscellaneous								
Other			65,000					**65,000**
TOTAL			**65,000**					**65,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
General Fund			65,000					**65,000**
TOTAL			**65,000**					**65,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Technology Projects per TAC Recommendations

FISCAL YEARS : 2009 - 2011

PROJECT NO: 3

CATEGORY: General

DEPARTMENT: Information Technology

DEPT. RANKING: 3

NEW PROJECT: No

PROJECT DESCRIPTION: During 2004, a third party company, BDMP, Inc., interviewed department heads and City Council members to establish our desired level of sustained investment in technology. This was estimated to be 3.69% of fund expenditures (not including debt and electric). As a result of this study, the City formed the TAC (Technology Advisory Committee) which consists of all participating Department Heads and the City Manager. Each year this group submits technology projects for review and selection. Each year the TAC will identify specific technology investments for the next fiscal year. This CIP sheet is presented as a placeholder for that block of monies in future years.

NEED, JUSTIFICATION, BENEFIT: To improve efficiencies, service levels, and to be viewed by constituents and businesses as a technology friendly city. If we want to be on the leading edge, a sustained investment is necessary.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Quality of systems and services will not hold pace with other cities and our ability to serve will decrease as will the external perception of our City.

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: Impact to the operating budget will be recalculated each year after the TAC selects which projects are the top priorities.

TIME-LINE/CURRENT STATUS: Driven by annual TAC meetings

COMMENTS: Cost estimates are presented only as a placeholder and adjusted for inflation. Amounts are reduced by the amount of known projects requested for the respective years. Projects for 2009 are listed separately within the CIP.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction								
Miscellaneous								
Other			465,450	546,364				**1,011,814**
TOTAL			**465,450**	**546,364**				**1,011,814**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
General Fund			465,450	546,364				**1,011,814**
TOTAL			**465,450**	**546,364**				**1,011,814**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

GPS Tracking of City Fleet

FISCAL YEARS : 2009 - 2011

PROJECT NO: 2

CATEGORY: General

DEPARTMENT: Information Technology

DEPT. RANKING: 2

NEW PROJECT: Yes

PROJECT DESCRIPTION: requests. This project, which was identified in the 2004 IT Long Range Plan, involves the project planning and subsequent implementation of Global Positioning Systems (GPS) in city vehicles. By utilizing this technology in conjunction with our GIS systems, we will be able to improve utilization of our city fleet and improve response times for our citizens. This project received enough votes at the Technology Advisory Committee in October 2007 to appear in the top ten

NEED, JUSTIFICATION, BENEFIT: The system will be accessible from any computer with Internet connection and pays for itself quickly in fuel savings, better allocation of mobile resources, and faster response to customer requests. Being able to provide faster response to service requests leads to satisfied customers. More efficient fleet routing, decreased driver down-time, and minimized impact of traffic. Dispatchers receive vehicle location and status information in real-time without driver's intervention.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Non-efficient fleet routing with some driver down-time

THIS PROJECT IS RELATED TO THE FOLLOWING: High priority project from annual TAC Meeting

EXPLANATION OF IMPACT ON OPERATING BUDGET: There will be a monthly wireless connectivity charge for each vehicle. Estimates are $25/month per vehicle. Per the state contract with Networkcar, the first three years are prepaid with the vehicle equipment. Since the service is prepaid with the capital investment, the impact on operating budget will appear three years afterward.

TIME-LINE/CURRENT STATUS: During 2008 we expect to perform initial planning and vendor selection since no moneys were available. This project will pick up from there to fund the role out of this technology to the City fleet (estimated to be 90 vehicles) over the next three years.

COMMENTS: These estimates are based on the current State of Delaware contract with Networkcar. The state uses this vendor to track the entire state fleet. The current cost per vehicle is $425 for hardware (self installation) and roughly $900 per vehicle for 3 year cell communication contract. I have added $10,000 for training in the first year. I have also added $2000 per year as the hardware cost will be higher for adapting the devices to larger trucks.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction								
Miscellaneous			14,750	14,750	14,750			**44,250**
Other								
TOTAL			**14,750**	**14,750**	**14,750**			**44,250**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
General Fund			14,750	14,750	14,750			**44,250**
TOTAL			**14,750**	**14,750**	**14,750**			**44,250**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Maintenance/Training			19,000	18,000	27,000	27,000	27,000	**145,000**

Playground Equipment Purchase Program

FISCAL YEARS : 2009

PROJECT NO:

CATEGORY: General

DEPARTMENT: Parks and Recreation

DEPT. RANKING: 2

NEW PROJECT: No

PROJECT DESCRIPTION: This project will purchase playground equipment for Schutte Park.

NEED, JUSTIFICATION, BENEFIT: Schutte Park (57 acres) has no existing playground equipment. By purchasing, age-appropriate play equipment will be accessible to all children.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: No play equipment will be provided at these sites.

THIS PROJECT IS RELATED TO THE FOLLOWING: Improving area parks and neighborhoods

EXPLANATION OF IMPACT ON OPERATING BUDGET: The impact on operating budget is for monthly inspections of the play equipment.

TIME-LINE/CURRENT STATUS: Schutte Park - Begin work in September 2008; finish by December 2008.

COMMENTS: The State of Delaware has approved $40,000 for this project from the Delaware Land & Water Conservation Fund. Prior to 2008 funding was for play equipment at Millcreek subdivision. This was a $40,000 project with $20,000 from state grant and $20,000 from general fund. Due to budget constraints this project has been delayed until Fiscal Year 2010.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction	40,000	80,000						**120,000**
Miscellaneous								
Other								
TOTAL	**40,000**	**80,000**						**1200,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
State Grant	20,000	40,000						**100,000**
General Fund	20,000	40,000						**20,000**
TOTAL	**40,000**	**80,000**						**100,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Equipment Inspections		300	300	300	300			**1,200**

Mirror Lake Dredging

FISCAL YEAR: 2009

PROJECT NO: PR0703

CATEGORY: General

DEPARTMENT: Parks and Recreation

DEPT. RANKING: 4

NEW PROJECT: No

PROJECT DESCRIPTION: This project would dredge Mirror Lake to restore water level and improve the overall appearance.

NEED, JUSTIFICATION, BENEFIT: At the present time, Mirror Lake is filling with sediment. During low tide about 40% of the lake bottom is exposed. Dredging the lake will restore the normal water level.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Continual buildup of sediment in the lake could cause the lake to become a wetland area.

THIS PROJECT IS RELATED TO THE FOLLOWING: Mirror Lake Testing and Analysis

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Find a site for the disposed materials & dredge the lake beginning in September 2008. To be completed by June 2009.

COMMENTS: Several comments have been received from concerned residents about the water level in Mirror Lake. During low tide, 40% of the lake bottom is exposed due to sediment. Staff has consulted with DNREC officials regarding analysis results. Cost estimates were provided by DRNEC, and the potential for Brownfield funding does exist.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design	50,000	400,000						**450,000**
Land								
Construction								
Miscellaneous								
Other								
TOTAL	**50,000**	**400,000**						**450,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
State Grant	50,000	400,000						**450,000**
TOTAL	**50,000**	**400,000**						**450,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Splash Pad at Schutte Park

FISCAL YEAR: 2009 - 2010

PROJECT NO:

CATEGORY: General

DEPARTMENT: Parks and Recreation

DEPT. RANKING: 1

NEW PROJECT: No

PROJECT DESCRIPTION: This project would construct a ground-level splash pad located in Schutte park.

NEED, JUSTIFICATION, BENEFIT: It would improve quality of life for our Dover families, be an enhancement to our summer outdoor camp and sport activities, and provide outdoor water activity during summer months.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Lack in meeting the needs of residents dependent upon water quality of Silver Lake to provide outdoor water play.

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: Water usage

TIME-LINE/CURRENT STATUS: Plan Design Phase to be completed in Fiscal 2009.

COMMENTS: Due to budget constraints the planning and design phase will be done in Fiscal 2009. Construction will be delayed until Fiscal 2010.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design		10,000						**10,000**
Land								
Construction			110,000					**110,000**
Miscellaneous								
Other			135,000					**135,000**
TOTAL		**10,000**	**245,000**					**255,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
General Fund		10,000	245,000					**255,000**
TOTAL		**10,000**	**245,000**					**255,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Water Usage			15,000	16,000	17,000	18,000	19,000	**85,000**

Skate Park

FISCAL YEARS : 2009-2010

PROJECT NO: PR10

CATEGORY: General

DEPARTMENT: Parks and Recreation

DEPT. RANKING: 1

NEW PROJECT: Yes

PROJECT DESCRIPTION: This project would construct a skate park for the Dover area youth.

NEED, JUSTIFICATION, BENEFIT: Many youth and parents have approached the City with requests for a skate park. Area business owners have complained about skaters damaging their property. This park would give the youth a designated skate area.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Continual lack in meeting the needs of our youth population; more destruction and problems with business property

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Skate Park construction to begin in March 2010 and finish by May 2010.

COMMENTS: Local business may be willing to lease land for the purpose of a skate park. Due to budget constraints the planning and design phase will be done in Fiscal 2009. Construction will be delayed until Fiscal 2010.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design		10,000						**10,000**
Land								
Construction			150,000					**150,000**
Miscellaneous								
Other								
TOTAL		**10,000**	**150,000**					**160,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
General Fund		10,000	150,000					**160,000**
TOTAL		**10,000**	**150,000**					**160,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
			10,000	10,300	10,609	10,927	11,255	**53,091**

Schutte Park Pathway

FISCAL YEAR: 2010

PROJECT NO:

CATEGORY: General

DEPARTMENT: Parks and Recreation

DEPT. RANKING: 1

NEW PROJECT: No

PROJECT DESCRIPTION: This project will involve the continuation of the ten-foot wide, multi-use pathway at Schutte Park.

NEED, JUSTIFICATION, BENEFIT: Loop pathway in Schutte Park for park users. The existing pathway goes from back parking lot to Wyoming Mill Road.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Walkers will not have a trail system that connects from beginning to end.

THIS PROJECT IS RELATED TO THE FOLLOWING: Existing Schutte Park trail (installed in May 2003); City's Greenway System.

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Construction of pathway scheduled to begin in August 2009 and be completed by October 2009.

COMMENTS: We will apply for a State grant from the Delaware Land, Water & Trust Fund (DLWTF) to pay 50 percent of the project costs.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction			120,000					**120,000**
Miscellaneous								
Other								
TOTAL			**120,000**					**120,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
State Grant			60,000					**60,000**
General Fund			60,000					**60,000**
TOTAL			**120,000**					**120,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Park and Playground Improvement Program

FISCAL YEARS: 2010 - 2013

PROJECT NO: PR0704

CATEGORY: General

DEPARTMENT: Parks and Recreation

DEPT. RANKING: 4

NEW PROJECT: No

PROJECT DESCRIPTION: This project would resurface the basketball courts in Mayfair Park in FY 2009 and repair existing park facilities.

NEED, JUSTIFICATION, BENEFIT: The existing basketball court has cracks and creates a safety issue.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: The courts may need to be closed for public use due to safety issues.

THIS PROJECT IS RELATED TO THE FOLLOWING: Playground replacement program to meet Consumer Product Safety Commission playground safety guidelines

EXPLANATION OF IMPACT ON OPERATING BUDGET: n/a

TIME-LINE/CURRENT STATUS: Construction on the Mayfair Park Basketball Court will begin in March 2009 and is scheduled to be completed by May 2009.

COMMENTS: Project was formerly called "Playground Equipment Replacement Program."

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction	134,066		30,000	33,000	33,000	36,000		**266,066**
Miscellaneous	96,724							**96,724**
Other	36,210							**36,210**
TOTAL	**267,000**		**30,000**	**33,000**	**33,000**	**36,000**		**399,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
General Fund	267,000		30,000	33,000	33,000	36,000		**399,000**
TOTAL	**267,000**		**30,000**	**33,000**	**33,000**	**36,000**		**399,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Lighted Soccer/Multi-Purpose Field

FISCAL YEARS: 2010 - 2011

PROJECT NO:

CATEGORY: General

DEPARTMENT: Parks and Recreation

DEPT. RANKING: 3

NEW PROJECT: Yes

PROJECT DESCRIPTION: Provide appropriate night time lighting for one soccer/multi-purpose field at Schutte Park.

NEED, JUSTIFICATION, BENEFIT: Due to the loss of field space due to the construction of John W. Pitts Center and the growing demand for soccer, lacrosse, flag football & field hockey, we can increase usage of existing fields by providing the necessary lighting.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: We will not be able to provide field space for outdoor sport leagues.

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: Cost of electricity for lights, which would be charged to the teams using the lighted field.

TIME-LINE/CURRENT STATUS: Construction will begin in September 2011 and be completed by December 2011.

COMMENTS:

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction				190,000				**190,000**
Miscellaneous								
Other								
TOTAL				**190,000**				**190,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
General Fund				190,000				**190,000**
TOTAL				**190,000**				**190,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
				15,000	15,000			**30,000**

Schutte Park Land Improvements

FISCAL YEAR: 2011

PROJECT NO: PR0702

CATEGORY: General

DEPARTMENT: Parks and Recreation

DEPT. RANKING: 3

NEW PROJECT: No

PROJECT DESCRIPTION: This project involves a probable land donation from a local developer. Wyoming Mill Road will be reconfigured to intersect with the Village of Westover entrance. The price listed is for grading and seeding the donated land which will become athletic fields.

NEED, JUSTIFICATION, BENEFIT: Increased acreage for outdoor athletic fields.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Lack of outdoor athletic field space.

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: We are pursuing donations to cover the cost of the grading and seeding.

COMMENTS:

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction				100,000				**100,000**
Miscellaneous								
Other								
TOTAL				**100,000**				**100,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Other				100,000				**100,000**
TOTAL				**100,000**				**100,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Dog Park

FISCAL YEAR: 2012

PROJECT NO: PR12-1

CATEGORY: General

DEPARTMENT: Parks and Recreation

DEPT. RANKING: 1

NEW PROJECT: Yes

PROJECT DESCRIPTION: This project would construct a dog park.

NEED, JUSTIFICATION, BENEFIT: Department has received calls from dog owners who have expressed an interest in a location to exercise their dogs.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Not meeting the needs of our growing community and issues in our city parks with pets unsupervised.

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Construction will be September 2012 and be completed by December 2012.

COMMENTS: The Dog Park will be located in an existing City park.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction					20,000			**20,000**
Miscellaneous								
Other								
TOTAL					**20,000**			**20,000**

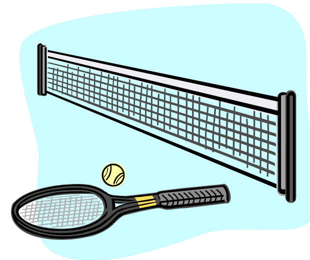
FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
General Fund					20,000			**20,000**
TOTAL					**20,000**			**20,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Tennis Courts at Schutte Park



FISCAL YEAR: 2012

PROJECT NO: PR12-2

CATEGORY: General

DEPARTMENT: Parks and Recreation

DEPT. RANKING: 3

NEW PROJECT: Yes

PROJECT DESCRIPTION: This project will construct tennis courts at Schutte Park.

NEED, JUSTIFICATION, BENEFIT: There are no public tennis courts on the west side of RT13. The department has received several requests from local residents for tennis courts at Schutte Park.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: No public tennis courts on west side of Dover.

THIS PROJECT IS RELATED TO THE FOLLOWING: Master Plan for Schutte Park developed by Sasaki Associates, Inc. in 1991.

EXPLANATION OF IMPACT ON OPERATING BUDGET: Purchase of tennis nets on a yearly basis.

TIME-LINE/CURRENT STATUS: Construction will begin March 2012 and be completed by May 2012.

COMMENTS:

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction					150,000			**150,000**
Miscellaneous								
Other								
TOTAL					**150,000**			**150,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
General Fund					150,000			**150,000**
TOTAL					**150,000**			**150,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Pave Parking Lots at Schutte Park

FISCAL YEARS: 2013

PROJECT NO: PR13

CATEGORY: General

DEPARTMENT: Parks and Recreation

DEPT. RANKING: 3

NEW PROJECT: Yes

PROJECT DESCRIPTION: Pave, stripe & install lighting for two existing parking areas.

NEED, JUSTIFICATION, BENEFIT: Existing parking doesn't have marked parking spaces and is not lighted. By paving these areas we can increase parking spaces & increase safety for park users after dark.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Inadequate parking for events.

THIS PROJECT IS RELATED TO THE FOLLOWING: Overall master plan for Schutte Park.

EXPLANATION OF IMPACT ON OPERATING BUDGET:

TIME-LINE/CURRENT STATUS: Begin construction September 2012, finish by November 2012.

COMMENTS: These items have been identified as an issue on the Softball Survey the department completes each year.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction						300,000		**300,000**
Miscellaneous								
Other								
TOTAL						**300,000**		**300,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
General Fund						150,000		**150,000**
Community Transportation Fund						150,000		**150,000**
TOTAL						**300,000**		**300,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Replacement Library

FISCAL YEARS: 2009 - 2011

PROJECT NO:

CATEGORY: General

DEPARTMENT: Library

DEPT. RANKING: 1

NEW PROJECT: No

PROJECT DESCRIPTION: The Dover Public Library is insufficient due to its small size and it needs to be replaced with a new 52,000 square foot building in the downtown Dover area. The new Dover Public "Anchor" Library will have a sufficient infrastructure to provide a wide array of library and information services for its citizenry.

NEED, JUSTIFICATION, BENEFIT: In 2004, library facilities planners Robert H. Rohlf Associates conducted a library facilities plan and recommended that the City of Dover build a 39,000-50,000 square foot library in the downtown area because the current library is insufficient to meet the needs of citizens. The study concluded that the current library does not provide enough parking, shelving, programming areas, quiet study rooms, or sufficient office space, and that there are ADA issues throughout the building. The study compared the Dover Public Library to libraries in similar-sized communities and services are lacking in many areas, including collection and reference. The benefit of replacing the current library is that the community will have access to a library with sufficient space for collections and computers, lighting, parking, quiet study areas, and programming space.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Members of the community will continue to be offered very limited library services due to space and other deficiencies in the current location.

THIS PROJECT IS RELATED TO THE FOLLOWING: The Delaware Division of Libraries statewide Master Plan

EXPLANATION OF IMPACT ON OPERATING BUDGET: A larger library will require more maintenance, increased operational funding for heating and cooling, increased janitorial services, and at least three additional full-time library staff.

TIME-LINE/CURRENT STATUS: The library facilities plan was completed in 2004. In late 2007, a revised building strategic plan began to be realized and implemented. This plan continues to explore building design options, fundraising options, and outreach to the public.

COMMENTS: The Dover Public Library supports the continued development of the Delaware Division of Libraries statewide master plan for future public library services. This project must be in line with that plan in order for the City of Dover to receive funds from the state of DE for construction costs. Under financing, the breakdown for "other" is as follows: Kent County $3,700,000; City of Dover $3,700,000; Friends of DPL $200,000; Foundations $850,000; Grants $100,000; Private Foundations $50,000 and sell the existing library building for $1,000,000.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design		600,000	984,000					**1,584,000**
Land		600,000						**600,000**
Construction			7,288,000	7,288,000				**14,576,000**
Miscellaneous								
Other				1,440,000				**1,440,000**
TOTAL		**1,200,000**	**8,272,000**	**8,728,000**				**18,200,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
State Grant		600,000	4,000,000	4,000,000				**8,600,000**
Other		600,000	4,272,000	4,728,000				**9,600,000**
TOTAL		**1,200,000**	**8,272,000**	**8,728,000**				**18,200,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Increased Expenses					168,144	173,225		**341,369**

Server Room Fire Suppression System

FISCAL YEAR: 2009

PROJECT NO: PD0901

CATEGORY: General

DEPARTMENT: Police

DEPT. RANKING: 1

NEW PROJECT: Yes

PROJECT DESCRIPTION: This project will replace and upgrade the current water-based fire suppression system which is in use in our computer server room located on the second floor of our building with a dry chemical-based system (FM system). Our server room currently houses approximately 18 servers and computers that run all of the Law Enforcement applications in our building as well as Verizon's computerized 911 telephone system and our Motorola radio equipment. Installation of the new fire suppression system would involve replacing the ceiling tiles in the room to make the room air tight and also replacing the existing water distribution system with the chemical-based system components.

NEED, JUSTIFICATION, BENEFIT: In the case of an emergency, a water-based system would extinguish the fire in the computer server room, but the computer equipment would be destroyed in the process by the water damage. New equipment would have to be purchased to replace the old computer equipment just to keep the department operating and funds for this purchase are not programmed in any part of our budget. Implementing the dry chemical-based system would allow the fire to be extinguished with minimal damage if any to the computer equipment in server room. The exact cost of the current computer operating in our server room is not immediately known but it is well over $100,000.00.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Should a fire disaster occur, failure to upgrade the current fire suppression system will result in huge costs for the department to replace all the computer equipment destroyed by fire and/or water damage. Although some workarounds are possible for some portions of the systems used by department personnel, most of the systems will not be accessible until replacement computer equipment can be purchased. If this computer equipment was to be destroyed by a fire or even by water damage it would be a catastrophic event to the department as all of our computers operate out of this one control room.

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: Although the total cost for all the computer equipment maintained in the server room is not known, savings will occur because new equipment should not have to be purchased after a fire disaster event. Current estimate of existing equipment is over $100,000.00.

TIME-LINE/CURRENT STATUS: If approved, the department would work to have the new fire suppression system installed as soon as possible.

COMMENTS: When the current server room was constructed funding was not available to install a fire suppression system other than a water based system. The City of Dover Fire Marshall Mr. Truax strongly recommends a replacing our current system with the chemical based fire suppression system for the server room .

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction			50,000					**50,000**
Miscellaneous								
Other								
TOTAL			**50,000**					**50,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
General Fund			50,000					**50,000**
TOTAL			**50,000**					**50,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Repave Police Station Parking Lots

FISCAL YEAR: 2009

PROJECT NO: PD0804

CATEGORY: General

DEPARTMENT: Police

DEPT. RANKING: 2

NEW PROJECT: No

PROJECT DESCRIPTION: This project will mill down, repave, and restripe the parking lots on the southeast and southwest sides of the building. Currently, the southwest lot has several potholes that need to be filled in and repaired more permanently. Both lots are developing cracks and deteriorating quickly. The City crews came over and put cold patches down on the southwest side, but have not been back to perform a more permanent repair that will sustain us through the winter.

NEED, JUSTIFICATION, BENEFIT: The potholes are bad enough that they could cause damage to Department and personal vehicles if not fixed.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: The potholes are bad enough that they could cause damage to Department and personal vehicles if not fixed and could be considered a safety liability issue due to the fact that numerous people use our parking lots/facility.

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Currently waiting for the City crews to put hot patches down to temporarily fix the areas that are the worst.

COMMENTS: None

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction								
Miscellaneous								
Other			95,200					**95,200**
TOTAL			**95,200**					**95,200**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
General Fund			95,200					**95,200**
TOTAL			**95,200**					**95,200**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Second Floor Expansion

FISCAL YEARS : 2010 - 2011

PROJECT NO: PD0603

CATEGORY: General

DEPARTMENT: Police

DEPT. RANKING: 2

NEW PROJECT: No

PROJECT DESCRIPTION: This project encompasses the second and third increments of funding for the renovation/expansion of the police station in the attic area of the second floor to accommodate the increasing needs of the department. The first increment of this project was accomplished in FY05 & FY06 and encompassed the upgrade of the computer/server room area needed to accommodate dispatch communications upgrade projects funded by the State.

NEED, JUSTIFICATION, BENEFIT: In the past few years, the department has been expanding in size and adding programs. We are currently using interview rooms as office space due to the lack of available space. In addition, state mandates have increased computer requirements and systems maintained in our department. The dispatch communications upgrade is the most intensive and was funded by state and federal pass-through dollars and required the redesign of our dispatch area, replacing the dispatch communications consoles and displaced the computers driving dispatch systems due to lack of space. The DEMA funding provided paid for the consoles, computer enhancements and the associated furniture for the dispatch area. The current computer room located in the basement was not large enough to accommodate all the systems involved, so these assets were moved to the new location in the expansion area on the second floor of the station during FY06. The additional space on the second floor will ensure enough space is available for additional office space needed for new units and personnel being added to the department in the next several years. We plan to execute this project incrementally over a two-year period to accommodate space requirements for new and existing units in the department.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: If not funded, new unit personnel in the department will have no office space or area in which they can accomplish the daily administrative functions required for their units because there is no other space available in the building.

THIS PROJECT IS RELATED TO THE FOLLOWING: Dispatch communications upgrade and Server Room projects in FY06.

EXPLANATION OF IMPACT ON OPERATING BUDGET: There will be additional utilities costs once the second floor area is completed the amount is unknown at this point. In addition, initial furniture for these areas will be required and the amount is identified below.

TIME-LINE/CURRENT STATUS: N/A

COMMENTS: As the city's population continues to grow and expand, the Police Department receives additional demands for service. As a result, the department will have to increase its force strength to sufficiently meet the increasing needs for service and to maintain public safety. The additional space this project affords will help keep the department in step with the changing times and demands for service.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction	103,725		61,437	61,438				**226,600**
Miscellaneous								
Other								
TOTAL	**103,725**		**61,437**	**61,438**				**226,600**

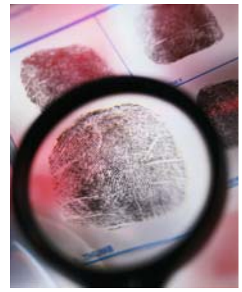
FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
General Fund	103,725		61,437	61,438				**226,600**
TOTAL	**103,725**		**61,437**	**61,438**				**226,600**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Second Evidence Storage Facility



FISCAL YEAR: 2011

PROJECT NO: PD0803

CATEGORY: General

DEPARTMENT: Police

DEPT. RANKING: 2

NEW PROJECT: No

PROJECT DESCRIPTION: This project funds the renovation of the area in the basement vacated by the department's LAN Technician in the wake of his move to the second floor expansion area completed during FY06. We plan to consolidate the space that was used by the LAN technician and other smaller areas currently used as storage space to make one lager area for permanent evidence storage. A growing portion of evidence retained by our department is attributable to capital crime cases or subjects serving long sentences in prison that require very long term storage of the associated evidence items (20+ years in many cases). The amount of this type of evidence is increasing greatly and overflowing into the evidence area used for "normal" evidence storage. In addition, these items cannot be stored in the department warehouse because it is not climate controlled space and the high profile nature of these types of cases dictates that the security of these items is paramount to the integrity of the evidence.

NEED, JUSTIFICATION, BENEFIT: As stated above, there is not enough space in the current evidence storage facility to store these items long term. The amount of evidence accumulated is continuing to increase as the calls for service increase within the city. Although our Evidence Technician continues to purge the evidence in his charge periodically, in accordance with internal procedures, the space cleared up is being overtaken by new cases and articles retained.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Over time, there will be no space in the current facility to store new case items. The day is not here yet, but it is not far down the road. At the current rate, we hope to get the new space renovated in early FY08.

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: N/A

COMMENTS: N/A

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction				20,000				**20,000**
Miscellaneous								
Other								
TOTAL				**20,000**				**20,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
General Fund				20,000				**20,000**
TOTAL				**20,000**				**20,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

GIS Infrastructure and Mobile Solutions

FISCAL YEARS: 2009 - 2011

PROJECT NO:

CATEGORY: General

DEPARTMENT: Public Services - Administration

DEPT. RANKING: 3

NEW PROJECT: No

PROJECT DESCRIPTION: The GIS Infrastructure and Mobile Solutions Strategy is a plan to work toward improving GIS technologies by expanding its infrastructure. Having the ability to implement departmental needs throughout the City because of a sound cutting edge infrastructure is paramount. As the City moves forward in technology many of its needs are being pioneered in the GIS field. Mobile computing, wireless networking, custom web viewers and AVL (vehicle) tracking are just some examples of technology being utilized and developed with GIS.

NEED, JUSTIFICATION, BENEFIT: This strategy would procure hardware and software as well as perform pilot projects that would test the ability of the City to expand in such areas of technology. The types of hardware to be purchased are GPS receivers, patch antennas, laptops, vehicle mounts and lightweight clients. Software would be extensions used in conjunction with ESRI's ArcGIS software to perform specific tasks. Types of extensions are spatial analyst, network analyst, etc. ESRI Services may be purchased for help with advancement in the City's use of ArcGIS Server Mobile.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Delay deployment of GIS technology to various areas of City government.

THIS PROJECT IS RELATED TO THE FOLLOWING: GIS, IT Long Range Plan

EXPLANATION OF IMPACT ON OPERATING BUDGET: As pilot projects are preformed and found to be successful budgets will grow as the pilots are implemented department or city-wide. Future software maintenance and hardware replacement (sustainability)

TIME-LINE/CURRENT STATUS:

COMMENTS: The City is using two NASCAR races a year to implement new technologies. Along with training employees in these technologies we are utilizing techniques used in damage assessment and emergency recovery during daily race weekend operations. To continue expanding on such pilot projects we would need additional hardware and software. Other below represents ESRI services and support. Miscellaneous below represents mostly hardware and some software.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction								
Miscellaneous		30,380	10,000	10,000				**50,380**
Other		8,000	8,000	8,000				**24,000**
TOTAL		**38,380**	**18,000**	**18,000**				**74,380**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
General Fund		38,380	18,000	18,000				**74,380**
TOTAL		**38,380**	**18,000**	**18,000**				**74,380**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
			1,000	2,500	4,000	4,000		**11,500**

Street and Alley Program

FISCAL YEARS : 2009 - 2013

PROJECT NO:

CATEGORY: General

DEPARTMENT: Public Services - Streets

DEPT. RANKING: 1

NEW PROJECT: No

PROJECT DESCRIPTION: This project will rehabilitate approximately five percent of the street and alley network each year. The estimated capital maintenance costs are $33.7 million over a 20-year planning horizon in Fiscal Year 2005 dollars. This estimate is based on the needs survey conducted by Public Services in Fiscal Year 2004.

NEED, JUSTIFICATION, BENEFIT: The program identifies maintenance costs for 81.03 miles of streets and 15.24 miles of alleys. Replacement of deteriorated curbs, gutters, and sidewalks provides improved use, drainage, and the appearance of the pavement section.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Continuous maintenance on these assets will prevent more costly reconstruction in the future.

THIS PROJECT IS RELATED TO THE FOLLOWING: This project combines the former Street Resurfacing Program, the Alley Program, and the Barrier Free Access Ramp Program.

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: The Street and Alley Program schedule is driven by funding and road ratings.

COMMENTS: The improvement schedule is based on the Fiscal Year 2004 ratings and Community Transportation Funds committed by area legislators. The annual funding split is proposed to be $700,000 from the General Fund and $1,000,000 from Community Transportation Funds in Fiscal Year 2009. Below is an outline of the Community Transportation Funding by fiscal year: Fiscal Year 2005 - $1,370,005, Fiscal Year - 2006 $569,350, Fiscal Year 2007 - $459,808, Fiscal Year - 2008 $435,945 as of January 28, 2008.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction	5,300,000	900,000	1,750,000	1,800,000	1,850,000	1,900,000		**13,500,000**
Miscellaneous								
Other								
TOTAL	**5,300,000**	**900,000**	**1,750,000**	**1,800,000**	**1,850,000**	**1,900,000**		**13,500,000**

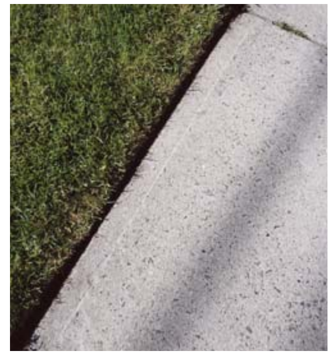
FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
General Fund	1,550,000	400,000	750,000	800,000	850,000	900,000		**5,200,000**
Community Transportation Fund	3,750,000	500,000	1,000,000	1,000,000	1,000,000	1,000,000		**8,250,000**
TOTAL	**5,300,000**	**900,000**	**1,750,000**	**1,800,000**	**1,850,000**	**1,900,000**		**13,900,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Concrete Construction and Replacement Program



FISCAL YEARS :	2009 - 2013
PROJECT NO:	
CATEGORY:	General
DEPARTMENT:	Public Services - Streets
DEPT. RANKING:	2
NEW PROJECT:	No

PROJECT DESCRIPTION: This program replaces and rehabilitates deteriorated sidewalks and curbs throughout the City using in-house labor and private contractors. This is in accordance with the ADA.

NEED, JUSTIFICATION, BENEFIT: This program promotes the interconnection of the sidewalk network to conform to ISTEA (Intermodal Surface Transportation Efficiency Act) and rehabilitates sidewalks that have root damage from City street trees. This program also facilitates compliance with the Americans with Disabilities Act as it relates to the pedestrian network as well as improving localized drainage issues.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Delaying or eliminating the project will result in continued complaints and insurance claims from citizens and visitors. In addition, further deterioration of the sidewalk network will occur.

THIS PROJECT IS RELATED TO THE FOLLOWING: Street and Alley Program, Water and Sewer System Repairs, Electric Department projects

EXPLANATION OF IMPACT ON OPERATING BUDGET: There is no impact on the operating budget as reduction in insurance claims and improved pedestrian mobility is difficult to financially quantify.

TIME-LINE/CURRENT STATUS: Priority list updated continuously.

COMMENTS: The Department of Public Services maintains a prioritization list that outlines the categories of replacement. Complaints are entered on the list as they are received and prioritized by City staff.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction	235,000	65,000	75,000	80,000	85,000	90,000		**630,000**
Miscellaneous								
Other								
TOTAL	**235,000**	**65,000**	**75,000**	**80,000**	**85,000**	**90,000**		**630,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
General Fund	235,000	65,000	75,000	80,000	85,000	90,000		**630,000**
TOTAL	**235,000**	**65,000**	**75,000**	**80,000**	**85,000**	**90,000**		**630,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Silver Lake Park Revitalization Project

FISCAL YEARS : 2009 - 2013

PROJECT NO:

CATEGORY: General

DEPARTMENT: Public Services - Streets

DEPT. RANKING: 4

NEW PROJECT: Yes

PROJECT DESCRIPTION: The proposed project will remove all of the old pavement and parking areas and construct a new central parking lot and access to the boat ramp area as well as access from Kings Highway. The existing pavement condition is in poor quality and the parking pods create a public perception problem. This project will plant trees, flowers, and shrubs below the dam on Silver Lake to Court Street along the St. Jones River in order to improve water quality and protect the stream bank. Project will be a multi-year project.

NEED, JUSTIFICATION, BENEFIT: Currently there are no stormwater management practices being implemented on this site and the location adjacent to the St. Jones River causes direct stormwater discharge to an environmentally sensitive area. The proposed reconstruction and relocation of the loaded parking lot will allow for best management practices regarding stormwater management to be implemented at this site.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Continuance of complaints regarding the parking pods, the further deterioration of the existing pavement sections and parking areas, lack of stormwater management practices, bank erosion related to stormwater runoff and poor site lighting.

THIS PROJECT IS RELATED TO THE FOLLOWING: St. Jones River Project as well as the dredging of Mirror Lake.

EXPLANATION OF IMPACT ON OPERATING BUDGET: none

TIME-LINE/CURRENT STATUS: Design proposed for Fiscal-2009, construction Fiscal-2010, landscaping implementation Fiscal-2011-2013.

COMMENTS: The proposed project includes parking reconstruction, planning and design and ultimately landscaping for this section of the St. Jones River. The project includes components of the Silver Lake Revitalization Project.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design		50,000						**50,000**
Land								
Construction			250,000					**250,000**
Miscellaneous				100,000	100,000	100,000		**300,000**
Other								
TOTAL		**50,000**	**250,000**	**100,000**	**100,000**	**100,000**		**600,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
General Fund		50,000	125,000	50,000	50,000	50,000		**325,000**
Comm. Transportation Fund			125,000					**125,000**
State Grant				50,000	50,000	50,000		**150,000**
TOTAL		**50,000**	**250,000**	**100,000**	**100,000**	**100,000**		**600,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

WATER/WASTEWATER

EXPENDITURES

CATEGORY	PAGE	TOTAL 5 YEAR COST	FY 2009	FY 2010	FY 20111	FY 2012	FY 2013
Public Utilities-Wastewater Mgmt							
2nd Meter Reading Tech Upgrade	173	147,250	147,250	-	-	-	-
US Rt. 13 East Sanitary Sewer Interceptor	174	3,065,000	3,065,000	-	-	-	-
Weaver Street Package Pump Station Replacement	175	400,900	400,900	-	-	-	-
Delaware State Univ. Pump Station Replacement	176	386,400	50,000	336,400	-	-	-
Fox Hall/Retreat Force Main Rerouting	177	133,100	25,900	107,200	-	-	-
Acorn Lane Package Pump Station Replacement	178	386,400	50,000	336,400	-	-	-
SCADA Equipment Technology Upgrade	179	410,800	76,600	79,300	82,100	84,900	87,900
Inflow/Infiltration Removal	180	1,509,500	275,000	287,700	301,000	315,400	330,400
Misc. Sewer System Improvements	181	175,500	31,500	33,000	35,000	37,000	39,000
Fox Hall Pump Station Rehabilitation	182	427,900	-	52,000	375,900	-	-
Dover East Pump Station Abandonment & Sewer Line	183	265,800	-	52,000	213,800	-	-
Delaware State Univ. Force Main Rerouting	184	96,100	-	26,800	69,300	-	-
Heatherfield Pump Station Upgrade	185	220,400	-	-	40,000	180,400	-
Brandywine Package Pump Station Replacement	186	414,400	-	-	54,000	360,400	-
Lepore Road Pump Station Relocation	187	900,200	-	-	70,000	830,200	-
Rolling Acres Pump Station Replacement	188	429,000	-	-	-	56,000	373,000
Dover Brook Gardens Pump Station Upgrade	189	70,000	-	-	-	20,000	50,000
Baltray Pump Station Replacement	190	245,000	-	-	-	45,000	200,000
McKee Road Pump Station Communator Replacement	191	70,000	-	-	-	25,000	75,000
Turnberry Force Main Redirect	192	45,000	-	-	-	-	45,000
Del. Tech. Pump Station Replacement/Redirect	193	58,000	-	-	-	-	58,000
Westover Pump Station & Force Main Upgrade	194	85,000	-	-	-	-	85,000
Subtotal		**9,941,650**	**4,122,150**	**1,310,800**	**1,241,100**	**1,954,300**	**1,313,300**
Public Utilities – Water Mgmt							
Meter Reading Technology Upgrade	195	147,250	147,250	-	-	-	-
Well VFD Upgrades	196	124,200	124,200	-	-	-	-
Piney Point Well	197	453,800	195,000	258,800	-	-	-
1.0 MG Elevated Water Storage Tower	198	3,285,000	695,000	2,590,000		-	-
Water Quality Improvement	199	6,061,400	1,587,000	1,884,400	1,000,000	760,000	830,00
Wellhead Redevelopment Program	200	300,000	50,000	55,000	60,000	65,000	70,000
Misc. Distribution System Improvements	201	345,000	60,000	65,000	70,000	75,000	75,000

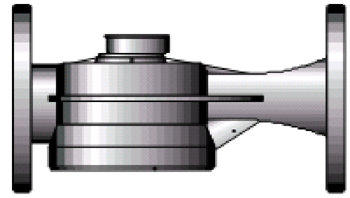
EXPENDITURES

CATEGORY	PAGE	TOTAL 5 YEAR COST	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Public Utilities – Water Mgmt							
Remote Control & Monitor Wells	202	150,100	-	150,100	-	-	-
Emergency Generators (Wells)	203	150,000	-	150,000	-	-	-
Future Well Installation	204	25,000	-	-	-	-	25,000
Water Treatment Plant Process	205	75,000	-	-	-		75,000
Subtotal		**11,116,750**	**2,858,450**	**5,153,300**	**1,130,000**	**900,000**	**1,075,000**
TOTAL		**21,058,400**	**6,980,600**	**6,464,100**	**2,371,100**	**2,854,300**	**2,388,300**

REVENUE

REVENUE SOURCE	TOTAL 5 YEAR COST	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Water/Wastewater Fund	5,694,800	576,800	219,300	1,177,100	1,408,300	2,313,300
Bond Financing	12,144,700	6,343,800	5,800,900	-	-	-
Capital Asset Reserve	578,000	-	202,100	375,900		-
Impact Fees	2,490,900	60,000	91,800	818,100	1,446,000	75,000
Homeland Security Grant	150,000	-	150,000	-	-	-
TOTAL	**21,058,400**	**6,980,600**	**6,464,100**	**2,371,100**	**2,854,300**	**2,388,300**

2nd Meter Reading Tech Upgrade (WW)



FISCAL YEAR: 2009

PROJECT NO: WS0802

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Wastewater Mgmt

DEPT. RANKING: 1

NEW PROJECT: No

PROJECT DESCRIPTION: This project will convert touch reading water meter technology to radio reading technology on approximately 4,250 water meters per year based on two meter technicians.

NEED, JUSTIFICATION, BENEFIT: The project will significantly increase meter reading efficiency by reducing manpower costs over the long term.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Delaying or eliminating this project will result in an increased manpower demand due to the increasing number of water meters and the increase in the size of the water service territory.

THIS PROJECT IS RELATED TO THE FOLLOWING: The conversion of electric meters to similar technology.

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Approximately 4,713 meters have been converted through Fiscal Year 2007.

COMMENTS: All work on this project is completed by City staff assigned to the water utility. The total number of water meters in the City's system is estimated to be 13,186.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction								
Miscellaneous	408,150	147,250						**555,400**
Other								
TOTAL	**408,150**	**147,250**						**555,400**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Water/Wastewater Fund	408,150	147,250						**555,400**
TOTAL	**408,150**	**147,250**						**555,400**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

US Route 13 East Sanitary Sewer Interceptor

FISCAL YEARS: 2009

PROJECT NO: WW0810

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Wastewater Mgmt

DEPT. RANKING: 2

NEW PROJECT: No

PROJECT DESCRIPTION: This project will construct approximately 6,500 linear feet of various diameter gravity sewer from the entrance road to Dover Downs, Inc. to the west end of West Rustic Lane. Sewer diameters included in this project consist of 12-inch, 21-inch, 24-inch and 27-inch.

NEED, JUSTIFICATION, BENEFIT: The proposed gravity sewer interceptor will allow the City to abandon the existing Schwartz Pumping Station immediately adjacent to US RT 13. If the gravity sewer is not constructed, the Schwartz Pumping Station must be reconstructed due to its age and accessibility problems. The life cycle costs of the proposed gravity sewer interceptor are significantly less than reconstructing the pumping station, even though the initial construction costs are higher. In addition, the gravity sewer interceptor will allow further gravity sewer extensions to the surrounding area which will allow redevelopment of properties on the east and west side of US RT 13. These properties are currently under utilized due to the lack of public sewer. This project is also necessary to redirect flow to the US RT 13 gravity basin and relieve problems at Kent County Station #2. This would be accomplished through the future redirecting of force mains from the Delaware State University, Delaware Tech and McKee Pumping Stations. This project will also extend sewer to the proposed convention center property.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: The Schwartz Pumping Station will need major renovations estimated at $800,000. The existing sewer system will be unable to handle growth within the area including the proposed Convention Center. Delaying or eliminating this project will also result in an extended reliance on Kent County Station #2 which is located on Denneys Road across from Delaware Tech Campus.

THIS PROJECT IS RELATED TO THE FOLLOWING: Pump Station and Sewer Basin Study, Central Transmission Bypass Project (Kent County), Convention Center.

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Approximately 1,000 linear feet of 27-inch gravity sewer was installed in FY 2007. Design, alignment and easement acquisition to be completed in FY 2008. Construction to be completed in FY 2009.

COMMENTS: $150,000 has been added for construction inspection services.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design	103,715							**103,715**
Land	10,000							**10,000**
Construction	330,000	3,065,000						**3,395,000**
Miscellaneous								
Other								
TOTAL	**443,715**	**3,065,000**						**3,508,715**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Impact Fee Reserve	443,715							**443,715**
Bond Financing		3,065,000						**3,065,000**
TOTAL	**443,715**	**3,065,000**						**3,508,715**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Weaver Street Package Pump Station Replacement

FISCAL YEAR: 2009

PROJECT NO:

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Wastewater Mgmt

DEPT. RANKING: 5

NEW PROJECT: Yes

PROJECT DESCRIPTION: The proposed project includes the replacement of the existing 1972 Smith & Loveless wet well mounted pumping station on Weaver Street. The existing wet well mounted station was originally located in the Turnberry Subdivision and has exceeded its anticipated life expectancy of 20-25 years. The station is located at the rear of Wild Meadows.

NEED, JUSTIFICATION, BENEFIT: Replace the aged station with a completely new station to prevent the need for costly non budgeted repairs to maintain operation. Provide a reliable sewage pumping station for another 25 years with adequate capacity for the existing development.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Due to the age of the station, certain parts are no longer obtainable, and replacement of equipment is costly. Failures could result in sewage spills.

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Design, bid, and install in Fiscal Year 2009.

COMMENTS: This station was originally installed as a temporary measure until the Garrison Oaks Pump Station became available. It operates outside appropriate levels and cannot run for any length of time without tripping thermo-overloads. The whole station is 35 years old and requires additional alarm measures.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design		50,000						**50,000**
Land								
Construction		350,900						**350,900**
Miscellaneous								
Other								
TOTAL		**400,900**						**400,900**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Bond		400,900						**400,900**
TOTAL		**400,900**						**400,900**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Delaware State University Pump Station Replacement

FISCAL YEARS: 2009 - 2010

PROJECT NO:

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Wastewater Mgmt

DEPT. RANKING: 4

NEW PROJECT: No

PROJECT DESCRIPTION: The proposed project includes the replacement of the Smith & Loveless package capsular pumping station and wet well replacement/relocation installed in 1975. The below grade capsular station will be replaced with a wet well mounted package pumping station eliminating a confined space entry requirement. The station is located at the rear of Delaware State University campus adjacent to Silver Lake. The station has exceeded its anticipated life expectancy of 20-25 years. This project is anticipated to provide the capacity required for growth of the campus.

NEED, JUSTIFICATION, BENEFIT: Replace the aged station with a completely new station to prevent the need for costly non budgeted repairs to maintain operation.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Pump failure resulting in a sewage spill into Silver Lake

THIS PROJECT IS RELATED TO THE FOLLOWING: Delaware State University Master Plan update, routine operational replacement of old exhausted equipment

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Design and bid in Fiscal Year 2009; install by Fiscal Year 2010.

COMMENTS: This station was installed by Kent County to serve the Delaware State University in the mid 1970's and transferred to the City in the late 1990's. The basin collection area includes College Road from the railroad tracks to Silver Lake and all of the University except the new University Village apartments on College Road. The station is located approximately 300 feet from Silver Lake.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design		50,000						**50,000**
Land								
Construction			336,400					**336,400**
Miscellaneous								
Other								
TOTAL		**50,000**	**336,400**					**386,400**

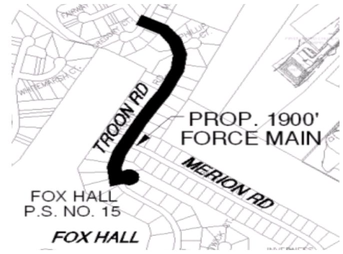
FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Bond		50,000	336,400					**386,400**
TOTAL		**50,000**	**336,400**					**386,400**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Fox Hall/Retreat Force Main Rerouting



FISCAL YEARS: 2009 - 2010

PROJECT NO:

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Wastewater Mgmt

DEPT. RANKING: 7

NEW PROJECT: No

PROJECT DESCRIPTION: This project was identified in the Wastewater Master Plan Technical Documents and will reroute approximately 1,600 linear feet of six-inch and eight-inch force main exiting the Fox Hall and Retreat Pump Station. Rerouting will direct sewer currently flowing into the Walker Road basin.

NEED, JUSTIFICATION, BENEFIT: Transfer of flow from the Walker Road basin to the McKee Road basin will reduce future costs at the Walker Road Pump Station and Kent County P.S. #3 as well as better utilization of the McKee Road infrastructure.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Delaying or eliminating this project would result in continued stress on the Walker Road Pump Station in addition to increased costs for the upgrades to the Walker Road Pump Station.

THIS PROJECT IS RELATED TO THE FOLLOWING: Walker Road Pump Station Upgrade, Fox Hall Pump Station Rehabilitation Project, and Kent County Central Transmission Project

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Design in FY 2009, construction in FY 2010 using in-house crew.

COMMENTS: Rerouting of the force main will allow for the Walker Road Pump Station to function through the 20-year planning period outlined in the 1999 Wastewater Plan Technical Documents. Current alignment proposal will utilize road right-of-way to minimize need for private easements. Work is to be completed by in-house construction.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design		25,900						**25,900**
Land								
Construction			107,200					**107,200**
Miscellaneous								
Other								
TOTAL		**25,900**	**107,200**					**133,100**

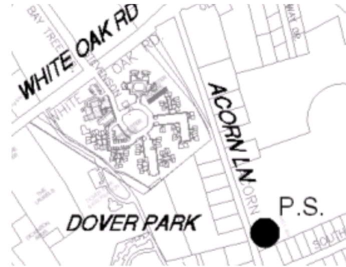
FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Bond Financing		25,900	107,200					**133,100**
TOTAL		**25,900**	**107,200**					**133,100**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Acorn Lane Package Pump Station Replacement



FISCAL YEARS : 2009 - 2010

PROJECT NO:

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Wastewater Mgmt

DEPT. RANKING: 10

NEW PROJECT: No

PROJECT DESCRIPTION: This project involves the replacement of the Smith & Loveless package pumping station installed in 1978 with the construction of the Independence Village Subdivision. The station has exceeded its life expectancy of 20-25 years. The capacity will shortly be exceeded with the addition of 500 new contributing homes (Patriot Village, Lexington Glenn, and Clearview Meadows). This project is anticipated to be completed utilizing an outside contractor.

NEED, JUSTIFICATION, BENEFIT: Replace the aged station with a completely new station to prevent the need for costly non budgeted repairs to maintain operation. Over the years the City of Dover has had to hire contractors to replace check valves and piping within the pumping station.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: A loss of capacity or failure resulting in surcharges back into the collection system; pump failure resulting in a sewage spill into waterways or backup in a residence. Because of the age of the station, certain parts are no longer obtainable, and replacement of equipment is costly.

THIS PROJECT IS RELATED TO THE FOLLOWING: The Kent County Central Transmission Bypass (CTB), White Oak Farms Pumping Station VFDs

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Design and bid project in FY 2009; construction in FY 2010.

COMMENTS: This station is related to the Kent County Central Transmission Bypass because it will have to be directed in the bypass to recover lost capacity at the White Oak Farms pumping station. The Acorn Lane Pumping Station currently discharges to the White Oak Farms pumping station. When the White Oak Farms station is directed into the CTB, capacity is anticipated to decrease due to the change in discharge pressures. In order to recover the increased capacity the Acorn Lane station, flows will be directed in the CTB by pumping around the White Oak Pumping Station and removing the need of re-pumping by White Oak Farms.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design		50,000						**50,000**
Land								
Construction			336,400					**336,400**
Miscellaneous								
Other								
TOTAL		**50,000**	**336,400**					**386,400**

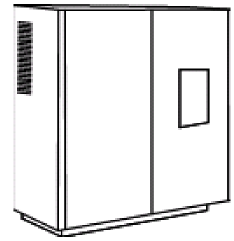
FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Bond Financing		50,000	336,400					**386,400**
TOTAL		**50,000**	**336,400**					**386,400**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

SCADA Equipment Technology Upgrade



FISCAL YEARS: 2009 - 2013

PROJECT NO: WW0804

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Wastewater Mgmt

DEPT. RANKING: 3

NEW PROJECT: No

PROJECT DESCRIPTION: This project involves the replacement of antiquated and/or obsolete remote terminal units (RTUs) at sewage pumping stations with new up-to-date serviceable SCADA equipment. Microwave radios, antennas and enclosures would be upgraded as needed. The RTU and radio are the reporting equipment for the SCADA system (Supervisory Control and Data Acquisition) which reports, on a constant basis, the status of alarms at the City's pumping stations. The RTUs that are being replaced are outdated and unable to be repaired. Most of the equipment is installed in two steel cabinets mounted outside and are corroding. The new equipment is installed within a single fiberglass NEMA 4 enclosure.

NEED, JUSTIFICATION, BENEFIT: Replace failing antiquated equipment with completely new alarm reporting equipment to provide reliable SCADA system reporting and to prevent the need for costly non budgeted emergency repairs.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Lack of alarms resulting in costly sewer backup claims. A RTU or radio failure would provide no advance warning of a failure resulting in costly sewer backup claims or sewage overflows into waterways.

THIS PROJECT IS RELATED TO THE FOLLOWING: Routine operational replacement of old exhausted equipment

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Each Year: order equipment and construct cabinets and back-plates by December; complete installation by June.

COMMENTS: Currently, the purchase of this equipment has had to come out of the operation budget to replace equipment as it fails. Lack of alarms resulting in costly sewer backup claims. It is estimated that five stations will be upgraded each year.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction	14,000	14,500	15,000	15,500	16,000	16,600	16,600	**108,200**
Miscellaneous	60,000	62,100	64,300	66,600	68,900	71,300	71,300	**464,500**
Other								
TOTAL	**74,000**	**76,600**	**79,300**	**82,100**	**84,900**	**87,900**	**87,900**	**572,700**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Water/Wastewater Fund	74,000	76,600	79,300	82,100	84,900	87,900	87,900	**572,700**
TOTAL	**74,000**	**76,600**	**79,300**	**82,100**	**84,900**	**87,900**	**87,900**	**572,700**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Inflow/Infiltration Removal

SANITARY SEWER INFLOW AND INFILTRATION (I & I) PROBLEMS

FISCAL YEARS : 2009 - 2013

PROJECT NO: WS0803

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Wastewater Mgmt

DEPT. RANKING: 6

NEW PROJECT: No

PROJECT DESCRIPTION: The project will identify and correct areas in the sanitary sewer collection system that are deteriorating and allowing groundwater to enter the sanitary sewer system through cracked pipes and/or joints. In addition, video investigation will help identify sump pump connections to the system which will have to be removed by individual property owners.

NEED, JUSTIFICATION, BENEFIT: The wet weather experienced in 2003, highlighted the fact that we have an aging wastewater system that requires more attention to the condition of the old pipe network and more monitoring of sump pump connections to the system. Inflow and infiltration are problems that all customers pay for since they are costs that are not assigned to an individual customer. Therefore, all customers are affected by expenses related to inflow and infiltration.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Delaying or eliminating this project will result in continued higher treatment charges for wastewater flow to Kent County than is necessary. In addition, the reduction in available capacity in the City and county systems due to inflow and infiltration will reduce the capacity available for future growth.

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: The project will reduce the operating budget over time due to the reduction in costs for sewage treatment paid to Kent County. The goal is to reduce inflow and infiltration by ten gallons per minute each year for five years (approximately $10,000 per year treatment charge). All savings are cumulative.

TIME-LINE/CURRENT STATUS: Investigation and program development occurred in Fiscal Year 2005; project scoping occurred in Fiscal Year 2006; video inspection and testing of pipe occurred in Fiscal Years 2006 and 2007; relining/replacement of pipe/ disconnects will occur in Fiscal Years 2008 through 2013.

COMMENTS: In the first five months of Fiscal Year 2004, the Kent County Wastewater Adjustment Charge was approximately $68,454 over the target budget per month. In Fiscal Year 2005, City Council approved a $.45/Tgal rate increase on the City's sewer rate to compensate for this problem. Inflow and infiltration created an additional budget deficit of $68,890 through the first quarter of Fiscal Year 2005. The project will reduce the operating budget over time due to the reduction in costs for sewage treatment paid to Kent County.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design	64,000	75,000	77,700	80,500	83,400	86,400	89,000	**556,000**
Land								
Construction	286,000	200,000	210,000	220,500	232,000	244,000	251,300	**1,643,800**
Miscellaneous								
Other								
TOTAL	**350,000**	**275,000**	**287,700**	**301,000**	**315,400**	**330,400**	**340,300**	**2,199,800**

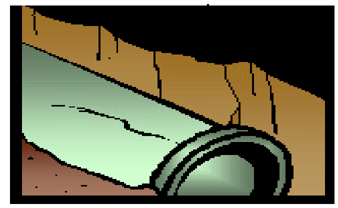
FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Water/Wastewater Fund	350,000				315,400	330,400	340,300	**2,199,800**
Bond Financing		275,000	287,7000					
Impact Fee				301,000				
TOTAL	**350,000**	**275,000**	**287,700**	**301,000**	**315,400**	**330,400**	**340,300**	**2,199,800**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Miscellaneous Sewer System Improvements



FISCAL YEARS : 2009 - 2013

PROJECT NO: WW0808

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Wastewater Mgmt

DEPT. RANKING: 9

NEW PROJECT: No

PROJECT DESCRIPTION: This project will replace sewer line segments that are rapidly deteriorating due to age and location. No specific locations for this work have been programmed to date; however, this project is intended to focus on the residential collection system in the areas where water main work is scheduled.

NEED, JUSTIFICATION, BENEFIT: These funds are necessary to address failing or deteriorated infrastructure where City crews are replacing old water mains through the miscellaneous water system improvement project.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Delaying or eliminating this project will result in increased utility cuts on roads where water main work is scheduled to be completed due to the age of the old lines or break history.

THIS PROJECT IS RELATED TO THE FOLLOWING: Miscellaneous Distribution System Improvements for the water system

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Proposed as an annual project; locations will be identified.

COMMENTS: All work is intended to be done by the in-house construction crew in areas where water system work is scheduled.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction	70,000	31,500	33,000	35,000	37,000	39,000	40,100	**285,600**
Miscellaneous	40,000							**40,000**
Other								
TOTAL	**110,000**	**31,500**	**33,000**	**35,000**	**37,000**	**39,000**	**40,100**	**325,600**

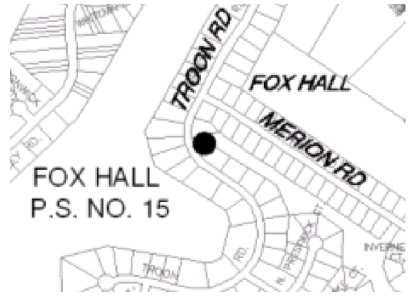
FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Water/Wastewater Fund	110,000	31,500	33,000	35,000	37,000	39,000	40,100	**325,600**
TOTAL	**110,000**	**31,500**	**33,000**	**35,000**	**37,000**	**39,000**	**40,100**	**325,600**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Fox Hall Pump Station Rehabilitation



FISCAL YEARS : 2010 - 2011

PROJECT NO: WW0403

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Wastewater Mgmt

DEPT. RANKING: 1

NEW PROJECT: No

PROJECT DESCRIPTION: This project will completely rehabilitate the wet well side of the pump station using the poly-triplex system liner.

NEED, JUSTIFICATION, BENEFIT: The wet well has deteriorated due to age and is subject to groundwater infiltration. This project was identified in the Wastewater Master Plan Technical Documents.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Delaying or eliminating this project will result in the continued deterioration of the station and increased costs of Kent County treatment charges due to groundwater infiltration.

THIS PROJECT IS RELATED TO THE FOLLOWING: Fox Hall/Retreat Force Main Rerouting

EXPLANATION OF IMPACT ON OPERATING BUDGET: This project will slightly reduce the operating budget by reducing inflow/infiltration into the wet well. Inflow/infiltration reduction equates to a reduction in our treatment costs with Kent County due to a reduced quantity of flow.

TIME-LINE/CURRENT STATUS: Design and bid project in 2010; construct in 2011.

COMMENTS:

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design			52,000					**52,000**
Land				375,900				**375,900**
Construction								
Miscellaneous								
Other								
TOTAL			**52,000**	**375,900**				**427,900**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Capital Asset Reserve			52,000	375,900				**427,900**
TOTAL			**52,000**	**375,900**				**427,900**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Dover East Pump Station Abandonment & Sewer Line

FISCAL YEARS: 2010 - 2011

PROJECT NO:

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Wastewater Mgmt

DEPT. RANKING: 2

NEW PROJECT: Yes

PROJECT DESCRIPTION: The proposed project includes the abandonment and removal of the existing Smith & Loveless package capsular pumping station. This scope of work will also include the removal of the existing wet well. The station will be eliminated due to the construction to occur on the Rojan Meadows Subdivision site. Sanitary sewer with East Dover MHP will connect to the new Rojan Meadows pump station by installing approximately 400 lf of 12” gravity sanitary sewer. The existing Dover East station has exceeded its anticipated life expectancy of 20-25 years and the removal of this station can be justified because of the pump station being constructed at the Rojan Meadows Subdivision site. The pump station at Rojan Meadows will be sized to handle the Dover East wastewater and will discharge directly into the Central Transmission Bypass.

NEED, JUSTIFICATION, BENEFIT: The removal of the existing pump station will prevent the need for maintenance, and costly repairs to the system. The gravity sanitary sewer line will be beneficial to the City of Dover because of the low maintenance costs compared to the costs of maintaining and operating the existing pump station.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Pump failure resulting in a sewage spill into waterways or backup in a residence. Because of the age of the station, certain parts are no longer obtainable, and replacement of equipment is costly. Continuation of increased operation and maintenance costs.

THIS PROJECT IS RELATED TO THE FOLLOWING: The Kent County Central Transmission Bypass (CTB), the routine operational replacement of old exhausted equipment

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Design and bid out project by 2010; construct by 2011.

COMMENTS: This station was installed with the development of the East Dover Mobile Home Park in 1973 by Robino. The station currently handles the entire park, Rojan Meadows proposed pump station is being sized for Stratford Place (72 units), Clearview Meadows (220 units) and Dover East (240 units), in addition to the 160 proposed units in their subdivision.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design			52,000					**52,000**
Land								
Construction				213,800				**213,800**
Miscellaneous								
Other								
TOTAL			**52,000**	**213,800**				**265,800**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Water/Wastewater Fund			52,000					**52,000**
Impact Fees				213,800				**213,800**
TOTAL			**52,000**	**213,800**				**265,800**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Delaware State University Force Main Rerouting

FISCAL YEARS: 2010 - 2011

PROJECT NO:

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Wastewater Mgmt

DEPT. RANKING: 3

NEW PROJECT: Yes

PROJECT DESCRIPTION: This project was identified in the Wastewater Master Plan Technical Documents and will reroute approximately 2,750 linear feet of eight-inch force main exiting from the Delaware State University Pump Station. The new force main will discharge into the upstream end of the new Rt. 13 Sanitary Sewer Interceptor at the end of West Rustic Lane. This project will entail the installation of approximately 750 feet of new eight-inch force main.

NEED, JUSTIFICATION, BENEFIT: Rerouting the existing force main from the Delaware State University P/S will significantly reduce the total length of force main from the station and will reroute flows to City of Dover infrastructure. Flows from the pump station will no longer discharge into Kent County Station #2.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Delaying or eliminating this project would result in continued stress on downstream infrastructure.

THIS PROJECT IS RELATED TO THE FOLLOWING: Route 13 Sanitary Sewer Interceptor

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Design in Fiscal Year 2010; construction in Fiscal Year 2011.

COMMENTS:

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design			26,800					**26,800**
Land								
Construction				69,300				**69,300**
Miscellaneous								
Other								
TOTAL			**26,800**	**69,300**				**96,100**

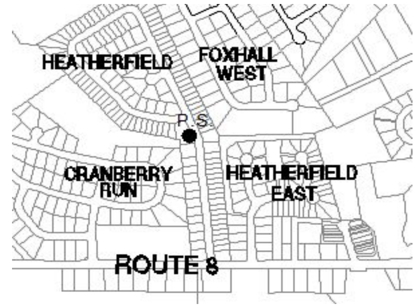
FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Impact Fees			26,800	69,300				**96,100**
TOTAL			**26,800**	**69,300**				**96,100**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Heatherfield Pump Station Upgrade



FISCAL YEARS: 2011 - 2012

PROJECT NO:

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Wastewater Mgmt

DEPT. RANKING: 2

NEW PROJECT: No

PROJECT DESCRIPTION: This project calls for replacement of approximately 1,200 linear of existing four inch force main with six inch force main and downsize the existing impellers to increase the capacity of the station to over 200 gallons per minute. The increase in force main size does not require the small 1.5-hp single phase motors and electric service to be upgraded. Currently, it is not economical for the City to provide three-phase electric power to this station due low loads required by the small horsepower motors, and it would require extending a new electric service 1,200 feet from DE Rt. 8 and three-phase transformers.

NEED, JUSTIFICATION, BENEFIT: Upgrade the force main to meet the capacity requirements incurred by the previous extension and development of the collection basin.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: A failure would result in a backup into the collection system causing a sewage spill into waterways or backups in toresidences.

THIS PROJECT IS RELATED TO THE FOLLOWING: The Wastewater Facilities Master Plan of 1998 and residential growth; a prerequisite to routine replacement of the station.

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Project needs to be performed in advance of the pumping station replacement and coordinated with the street resurfacing of Stoney Drive to minimize pavement restoration costs.

COMMENTS: The station is a Smith & Loveless wet well mounted package pumping station installed in 1985 with the construction of the Heatherfield Subdivision. The station is approaching its life expectancy of 20-25 years, but is a new style station in that all mechanical and electrical equipment is above grade and accessible for routine maintenance and parts replacement. The capacity of the pumping station was exceeded with the connection of the Heatherfield East, Cranberry Run, and a portion of Fox Hall West Addition subdivisions. The current capacity utilization is 125 percent. These improvements will lower the utilization to 75 percent. The force main upgrade needs to be completed prior to the to the station replacement in the upcoming out years. Without replacing the force main, the pump station capacity upgrade would require ten hp motors and new electrical equipment and an electrical service upgrade to include three-phase power.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design				40,000				**40,000**
Land								
Construction					180,400			**180,400**
Miscellaneous								
Other								
TOTAL				**40,000**	**180,400**			**220,400**

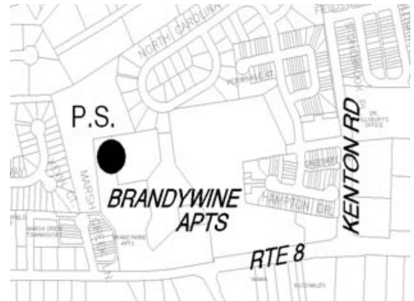
FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Impact Fees				40,000	180,400			**220,400**
TOTAL				**40,000**	**180,400**			**220,400**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Brandywine Package Pump Station Replacement



FISCAL YEARS: 2011 - 2012

PROJECT NO:

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Wastewater Mgmt

DEPT. RANKING: 1

NEW PROJECT: No

PROJECT DESCRIPTION: The proposed project includes the replacement of the Smith & Loveless package pumping station installed in 1977. The station has exceeded its life anticipated expectancy of 20-25 years and is in need of a capacity upgrade due to the increased growth in the basin. This project is anticipated to utilize an outside contractor to replace the pumping station, electrical service panel, and SCADA equipment.

NEED, JUSTIFICATION, BENEFIT: Replace the aged station with a completely new station to prevent the need for costly non budgeted repairs to maintain operation.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Pump failure resulting in a sewage spill into waterways or backup in a residence. Because of the age of the pump station, certain parts are no longer obtainable and replacement of equipment is costly.

THIS PROJECT IS RELATED TO THE FOLLOWING: Routine operational replacement of old exhausted equipment

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Design and bid in FY 2011; construction in FY 2012.

COMMENTS: This station was installed for the Dover Country Club Apartments when City sewer was made available to this area. The site was previously outside the City's service area and had its own on site sewer treatment system. Over the life span of this station, it has seen increased flows with the construction of Mallard Pond, Marsh Creek, and Westwind Meadows, and the extension of service to Fox Hall Drive and possible infiltration. Based on the monthly runtime hours, the station is currently operating at 130 percent of desired capacity. Staff has observed numerous pump clogs and failures in the past years. The Dover Country Club and Brandywine Condo sewer lines are old and possibly influenced by infiltration.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design				54,000				**54,000**
Land								
Construction					360,400			**360,400**
Miscellaneous								
Other								
TOTAL				**54,000**	**360,400**			**414,400**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Impact Fee				54,000	360,400			**414,400**
TOTAL				**54,000**	**360,400**			**414,400**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Lepore Road Pump Station Relocation

FISCAL YEARS: 2011 - 2012

PROJECT NO:

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Wastewater Mgmt

DEPT. RANKING: 3

NEW PROJECT: No

PROJECT DESCRIPTION: An upgrade of this station was identified in the Wastewater Master Plan Technical Documents, and the current proposal is to completely replace the aging station with a new Smith & Loveless Station to be located on adjacent lands. In addition, approximately 1,000 linear feet of gravity sewer main from Silver Mill Apartments to the proposed station location will be replaced.

NEED, JUSTIFICATION, BENEFIT: The existing pumps are over sized and inefficient. Therefore, new pumps will be sized for the correct capacity of the wet well. The brick wet well is subject to the groundwater infiltration.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Delaying or eliminating this project would result in the continued deterioration of the infrastructure necessitating the need for more extensive repairs in the future.

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Design and bid in Fiscal Year 2011; construction in Fiscal Year 2012.

COMMENTS: This project will have a slight impact on our Inflow and Infiltration problem. In addition, $50,000 has been added for construction inspection services.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design				70,000				**70,000**
Land								
Construction					830,200			**830,200**
Miscellaneous								
Other								
TOTAL				**70,000**	**830,200**			**900,200**

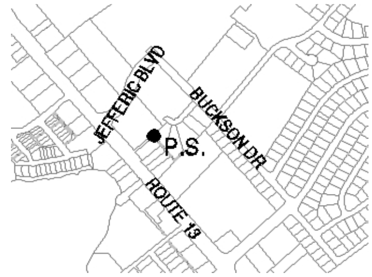
FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Impact Fee				70,000	830,200			**900,200**
TOTAL				**70,000**	**830,200**			**900,200**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Rolling Acres Pumping Station Replacement



FISCAL YEARS: 2012 - 2013

PROJECT NO:

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Wastewater Mgmt

DEPT. RANKING: 1

NEW PROJECT: No

PROJECT DESCRIPTION: This project calls for replacement of the Smith & Loveless package pumping station installed in 1973 in order to handle the commercial areas from Harrington Realty Shopping Center to the Howard Johnson Hotel. The station has exceeded its life anticipated expectancy of 20-25 years and is in need of a capacity upgrade due to the high peak inflow rates.

NEED, JUSTIFICATION, BENEFIT: Replace the aged station with a completely new station to prevent the need for costly unbudgeted repairs to maintain operation.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Pump failure resulting in a sewage spill into waterway or backup in a residence. Due to the age of the station, certain parts are no longer obtainable and replacement of equipment is costly.

THIS PROJECT IS RELATED TO THE FOLLOWING: Routine operational replacement of old exhausted equipment.

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Design and bid in FY 2012; construction in FY 2013.

COMMENTS: Over the life span of this station, it has seen minimal increased flows but experiences periods of high inflow rates due to the hotel occupancy and is susceptible to possible inflow/infiltration due to the redevelop of the old Bike Line site. Staff has observed numerous pump high wet well alarms due to high inflows and increased runtimes during wet months.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design					56,000			**56,000**
Land								
Construction						373,000		**373,000**
Miscellaneous								
Other								
TOTAL					**56,000**	**373,000**		**429,000**

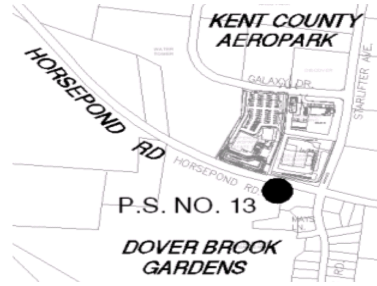
FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Water/Wastewater Fund					56,000	373,000		**429,000**
TOTAL					**56,000**	**373,000**		**429,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Dover Brook Gardens Pump Station Upgrade



FISCAL YEARS: 2012 - 2013

PROJECT NO:

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Wastewater Mgmt

DEPT. RANKING: 2

NEW PROJECT: No

PROJECT DESCRIPTION: This project would construct a force main priming loop to insure adequate back pressure is provided to the check valves to maintain prime on the vacuum primed Smith & Loveless pumps and upgrade to maintain or increase capacity. The loop is to create a high point in the force main above the pumps to provide a column of water against the check valves. The existing force main was originally installed with a constant slope away from the station to the receiving gravity sewer manhole. The force main drains by gravity away from the check valves providing very little static water pressure to hold check valves closed.

NEED, JUSTIFICATION, BENEFIT: Reduce maintenance time of cleaning check valves weekly and on-call or over time pay when the pumps lose prime

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Pump failure resulting in a sewage spill into waterways; increased maintenance time and emergency call-out overtime pay

THIS PROJECT IS RELATED TO THE FOLLOWING: Routine operational improvement of existing infrastructure

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Design and bid in FY 2012; construction in FY 2013.

COMMENTS: Originally this station was recommended to have a channel grinder installed on the influent piping which currently is not necessary due to the recent closure of the Sunroc facility within the Kent County Aeropark. Staff has observed numerous high wet well alarms due pump loss of prime.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design					20,000			**20,000**
Land								
Construction						50,000		**50,000**
Miscellaneous								
Other								
TOTAL					**20,000**	**50,000**		**70,000**

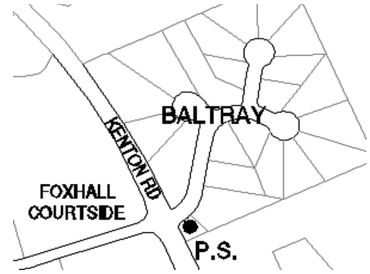
FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Water/Wastewater Fund					20,000	50,000		**70,000**
TOTAL					**20,000**	**50,000**		**70,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Baltray Pump Station Replacement



FISCAL YEARS: 2012 - 2013

PROJECT NO:

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Wastewater Mgmt

DEPT. RANKING: 3

NEW PROJECT: No

PROJECT DESCRIPTION: The proposed project includes the replacement of the grinder pumping station installed with the construction of the Baltray Subdivision in 1988. The station is approaching its anticipated life expectancy of 20-25 years. The grinder pumps, rail system and electric controls will be replaced.

NEED, JUSTIFICATION, BENEFIT: Replace the aging station with a completely new station to prevent the need for costly non budgeted repairs to maintain operation.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Non budgeted repair/replacement costs to maintain service.

THIS PROJECT IS RELATED TO THE FOLLOWING: Routine operational replacement of old exhausted equipment

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Design and bid out equipment in FY 2012; construction in FY 2013.

COMMENTS: Grinder pumps require periodic repairs and replacement to maintain efficient operation. During previous pump removal staff has noticed leaking seals and instability in the rail system for the pumps due to corrosion.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design					45,000			**45,000**
Land								
Construction						200,000		**200,000**
Miscellaneous								
Other								
TOTAL					**45,000**	**200,000**		**245,000**

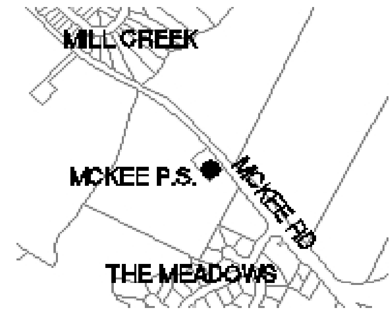
FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Water/Wastewater Fund					45,000	200,000		**245,000**
TOTAL					**45,000**	**200,000**		**245,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

McKee Road Pump Station Communator Replacement



FISCAL YEARS: 2012 - 2013

PROJECT NO:

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Wastewater Mgmt

DEPT. RANKING: 4

NEW PROJECT: No

PROJECT DESCRIPTION: The proposed project includes the replacement of the communator at the influent line to the pumping station installed in 1995. This acts as a screen/grinder at the influent side of the station cutting or stopping large debris from entering the wet well and clogging the pumps. The communator motor has run 24/7 since the initial startup of the pumping station.

NEED, JUSTIFICATION, BENEFIT: Replace the aging equipment to prevent the need for costly unbudgeted repairs to maintain operation.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: unbudgeted costly repairs to communator and damage to a pump when failure occurs

THIS PROJECT IS RELATED TO THE FOLLOWING: Routine replacement of old exhausted equipment.

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Design and bid in FY 2012; construction in FY 2013.

COMMENTS:

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design					25,000			**25,000**
Land								
Construction						45,000		**45,000**
Miscellaneous								
Other								
TOTAL					**25,000**	**45,000**		**70,000**

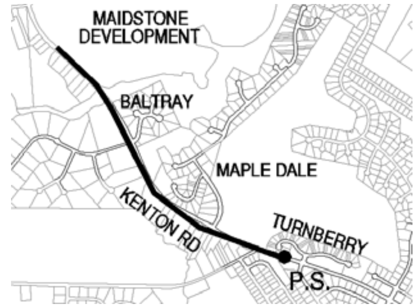
FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Water/Wastewater Fund					25,000	45,000		**70,000**
TOTAL					**25,000**	**45,000**		**70,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Turnberry Force Main Redirect



FISCAL YEARS: 2013

PROJECT NO:

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Wastewater Mgmt

DEPT. RANKING: 1

NEW PROJECT: No

PROJECT DESCRIPTION: This project will redirect the sanitary sewage handled by the Turnberry Pumping Station to the McKee Pumping Station drainage basin where it can be re-pumped into the Central Transmission Bypass (CTB). Project consists of approximately 6,000 linear feet of eight-inch force main from the Turnberry Station to Mudstone Interceptor in the Maidstone Subdivision at the intersection of Denney's and Kenton Roads. The project will require a rotating assembly change to increase the motor horsepower and pump rate.

NEED, JUSTIFICATION, BENEFIT: To provide adequate pump rates to meet the demand of new development in this basin and minimize backups in the receiving gravity sewers, the high flows added need to be redirected to relieve the overcapacity receiving sewers. This allows for more efficient utilization of the McKee Pumping Station and lowers the chance of a backup of sewer into basements due to the current layout.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Continued stress on the Walker Road station.

THIS PROJECT IS RELATED TO THE FOLLOWING: This project is in line with the Kent County Central Transmission Bypass (KCCTB) project to redirect flows away from the Downtown drainage basin and Kent County Pumping Station #2.

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Design and bid in FY 2013; construction in FY 2014.

COMMENTS: This project is primarily dependent of the development in this area. The receiving sewer downstream of the Turnberry Station is nearing capacity with the increased discharges within the Turnberry collection basin.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design						45,000		**45,000**
Land								
Construction							461,000	**461,000**
Miscellaneous								
Other								
TOTAL						**45,000**	**461,000**	**506,000**

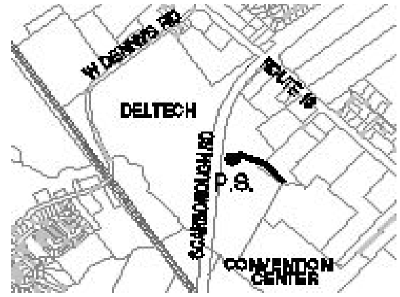
FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Water/Wastewater Fund						45,000	461,000	**506,000**
TOTAL						**45,000**	**461,000**	**506,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Delaware Tech Pump Station Replacement/Redirect



FISCAL YEARS: 2013

PROJECT NO:

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Wastewater Mgmt

DEPT. RANKING: 2

NEW PROJECT: No

PROJECT DESCRIPTION: The proposed project includes the replacement of the Smith & Loveless package capsular pumping station and wet well replacement/relocation installed in 1975. The below-grade capsular station will be replaced with a wet well mounted package pumping station eliminating a confined space entry requirement. The station is located at the rear of the Delaware Tech campus on the corner of Scarborough Road and Crawford Carroll Avenue. The station has exceeded its anticipated life expectancy of 20-25 years.

NEED, JUSTIFICATION, BENEFIT: Replace the aged station with a completely new station to prevent the need for costly unbudgeted repairs to maintain operation.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Pump failure resulting in a sewage spill into Silver Lake.

THIS PROJECT IS RELATED TO THE FOLLOWING: McKee Road Force main rerouting, West Rustic Lane Interceptor Sewer Extension, Kent County Central Transmission Bypass (CTB), and routine operational replacement of old exhausted equipment.

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Design and bid in FY 2013; construction in FY 2014.

COMMENTS: This station was installed by Kent County to serve the Delaware Tech and Delaware State University campuses in the mid 1970s and transferred to the City in the late 1990s. The pumping station handles the Delaware Tech Terry Campus complex and the sewage from the Delaware State University Pumping Station. The station currently repumps all the sewage from DSU to the Kent County Pumping Station #2 on Denney's Road. With the construction of the West Rustic Lane Interceptor Sewer Extension, the force main from DSU pumping station will be directed away from the Del Tech station and into the new interceptor. The Del Tech pumping station will re-directed through the former DSU force main also into the interceptor. This diversion is in compliance with Kent Count Central Transmission Bypass (KCCTB) and will take approximately a quarter of a million gallons per day away the aged county system and place it in the KCCTB.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design						58,000		**58,000**
Land								
Construction							416,800	**416,800**
Miscellaneous								
Other								
TOTAL						**58,000**	**416,800**	**474,800**

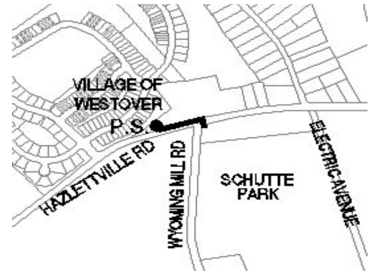
FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Water/Wastewater Fund						58,000	416,800	**474,800**
TOTAL						**58,000**	**416,800**	**474,800**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Westover Pumping Station and Force Main Upgrade



FISCAL YEAR: 2013

PROJECT NO:

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Wastewater Mgmt

DEPT. RANKING: 3

NEW PROJECT: No

PROJECT DESCRIPTION: The proposed project includes the upgrade of the Smith & Loveless pumping station and force main installed in 1994. The pump station's available capacity will be consumed with the build out of the Village of Cannon Mills and will be in need of additional capacity in order to be able receive additional flow from the west. The project will include replacement of interior six inch suction and discharge piping with eight-inch pipe, upgrade 1,400 feet of six-inch force main to 12-inch diameter pipe from the station to Electric Avenue.

NEED, JUSTIFICATION, BENEFIT: Provide adequate capacity to receive additional sewage flow from the immediate vicinity due to development and annexation.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Possible pipe rupture due to high head pressures and water hammer. A rupture could cause the station to flood, damaging the motors and controls or spilling raw sewage into the Puncheon Run stream.

THIS PROJECT IS RELATED TO THE FOLLOWING: The Planning office's recent update of the Comprehensive Plan and development of the Carey Farm; if the Puncheon Run Sewer Extension remains in the CIP program, this project will not be required.

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Design and bid in FY 2013; construction in FY 2014.

COMMENTS:

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design						85,000		**85,000**
Land								
Construction							493,600	**493,600**
Miscellaneous								
Other								
TOTAL						**85,000**	**493,600**	**578,600**

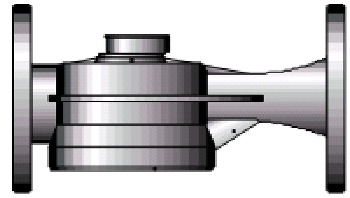
FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Water/Wastewater Fund						85,000	493,600	**578,600**
TOTAL						**85,000**	**493,600**	**578,600**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Meter Reading Technology Upgrade



FISCAL YEARS: 2009

PROJECT NO: WS0802

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Water Mgmt

DEPT. RANKING: 1

NEW PROJECT: No

PROJECT DESCRIPTION: This project will convert touch reading water meter technology to radio reading technology on approximately 4,250 water meters per year based on two meter technicians.

NEED, JUSTIFICATION, BENEFIT: The project will significantly increase meter reading efficiency by reducing manpower costs over the long term.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Delaying or eliminating this project will result in an increased manpower demand due to the increasing number of water meters and the increase in the size of the water service territory.

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: 4,713 meters have been converted through Fiscal Year 2007.

COMMENTS: All work on this project is completed by City staff assigned to the water utility. The total number of water meters in the City's system is estimated to be 13,186.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction								
Miscellaneous	408,150	147,250						**555,400**
Other								
TOTAL	**408,150**	**147,250**						**555,400**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Water/Wastewater Fund	408,150	147,250						**555,400**
TOTAL	**408,150**	**147,250**						**555,400**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Wellhead VFD Upgrades

FISCAL YEAR S : 2009

PROJECT NO: WD0808

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Water Mgmt

DEPT. RANKING: 4

NEW PROJECT: No

PROJECT DESCRIPTION: This project will purchase and install Variable Frequency Drives (VFDs) at deep well facilities.

NEED, JUSTIFICATION, BENEFIT: This project will provide additional production draw control and reduce water hammer and flow reversals resulting from wells turning on and off which can lead to water quality concerns.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: In order to address water quality concerns, it is necessary to implement system improvements, including water production improvements, to provide further operational control of the water system. Delaying this project will delay the ability to address water quality issues.

THIS PROJECT IS RELATED TO THE FOLLOWING: Water Quality Improvements

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Three VFDs have been purchased. The installation of two of them (Well #6 and Well #10) was completed in Fiscal Year 2006, the VFD for Well #2 was installed in Fiscal Year 2007. VFD's for Well #11, Well #13R, and Well #15 are to be installed in FY 2008. VFD's for Well #3, Well #8, and Well #9 are proposed for installation in Fiscal Year 2009. The proposed cost schedule will complete VFD installation at all appropriate facilities.

COMMENTS: Specifying the appropriate VFD for each well to be provided by a consultant. Installation of VFDs is to be provided by an outside contractor. Out year costs have been increased at 3.5 percent per year. Providing water production controls supports the ability to defray the costs of water main relining and/or replacement over time rather than requiring additional funding in the short term to address the worst mains.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design	9,000	9,200						**18,200**
Land								
Construction								
Miscellaneous	113,000	115,000						**228,000**
Other								
TOTAL	**122,000**	**124,200**						**246,200**

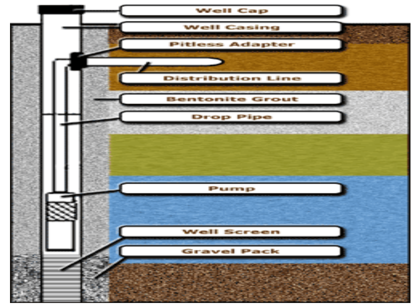
FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Water/Wastewater Fund	122,000	124,200						**246,200**
TOTAL	**122,000**	**124,200**						**246,200**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Piney Point Well



FISCAL YEARS: 2009 - 2010

PROJECT NO: WD0805

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Water Mgmt

DEPT. RANKING: 6

NEW PROJECT: No

PROJECT DESCRIPTION: This project, identified by staff and confirmed by the 2004 Water Master Plan Update, proposes the drilling of a new Piney Point Aquifer Production Well to increase production capacity up to our current permitted allocation as well as increase system pressure and stabilize the chlorine residuals of the City.

NEED, JUSTIFICATION, BENEFIT: A reduction in long-term yield from our Piney Point Well is causing a greater reliance on our more costly aquifers.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Delaying or eliminating this project would result in the continued reduction in our production capabilities under our permitted allocation.

THIS PROJECT IS RELATED TO THE FOLLOWING: 1.0 MG Elevated Water Storage Tank

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Planning occurred in Fiscal Year 2008. Design and site procurement are planned for Fiscal Year 2009. Construction to be completed in Fiscal Year 2010.

COMMENTS: The specific location of a proposed wellhead has not been determined at this time. The location will be selected with the assistance of a consultant during the planning and design phase. In addition, the yield from a new production well may allow us to abandon some of our poorly performing wells. Costs identified in the 2004 Water Master Plan Update have been increased based upon 3.5 percent per year. Land costs are based upon the need of 1/2 acre of land for the project.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design	10,000	75,000						**85,000**
Land		120,000						**55,000**
Construction			258,800					**258,800**
Miscellaneous								
Other								
TOTAL	**10,000**	**195,000**	**258,800**					**398,800**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Bond	10,000	195,000	258,800					**398,800**
TOTAL	**10,000**	**195,000**	**258,800**					**398,800**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

1.0 MG Elevated Water Storage Tower

FISCAL YEARS: 2009 - 2011

PROJECT NO: WD0804

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Water Mgmt

DEPT. RANKING: 5

NEW PROJECT: No

PROJECT DESCRIPTION: The proposed project, identified by staff and confirmed by the 2004 Water Master Plan Update, will construct a new 1.0 million gallon elevated storage tank within the distribution system.

NEED, JUSTIFICATION, BENEFIT: This project was determined necessary by the 2004 Water Mater Plan update in order to meet future storage volume requirements based upon demands and to aid in reducing low pressure areas and enhance fire suppression capability.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: The City's western and southern territories will experience pressure fluctuations due to changes in demand. In addition, fire suppression measures could be affected.

THIS PROJECT IS RELATED TO THE FOLLOWING: Piney Point Well, Southeast Water Loop, franchise and service territory expansion to the west and south; possible future interconnections with Dover Air Force Base, Tidewater Utilities, and the Camden/Wyoming Sewer & Water Authority.

EXPLANATION OF IMPACT ON OPERATING BUDGET: The impact on the operating budget has not been analyzed at this time.

TIME-LINE/CURRENT STATUS: Planning occurred in Fiscal Year 2008. Design and site procurement are planned for Fiscal Year 2009. Construction is planned for Fiscal Years 2010 and 2011.

COMMENTS: Original project costs were provided in the 2004 Water Master Plan based upon 2005 dollars. Out year costs have been increased by 3.5 percent per year. Contractual services will be required to assist with planning, design and site selection and land aquisition and to perform construction. Land costs are based upon the estimated need of two (2) acres of land for the project.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design	55,000	95,000						**150,000**
Land		600,000						**600,000**
Construction			2,590,000					**2,590,000**
Miscellaneous								
Other								
TOTAL	**55,000**	**695,000**	**2,590,000**					**3,340,000**

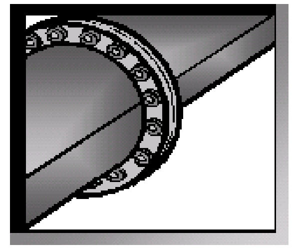
FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Water/Wastewater Fund	55,000							**55,000**
Bond Financing		695,000	2,590,000					**3,285,000**
TOTAL	**55,000**	**695,000**	**2,590,000**					**3,340,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Water Quality Improvements



FISCAL YEARS: 2009 - 2013

PROJECT NO: WS0811

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Water Mgmt

DEPT. RANKING: 2

NEW PROJECT: No

PROJECT DESCRIPTION: This project was first identified by staff and the 2004 Water Master Plan Update, and has since become further refined with the Fiscal Year 2006 Water Quality Evaluation. Projects to be included under this category primarily consists of additional water system monitoring, replacement or relining of old unlined cast iron water main within the City's water distribution system; design and installation of piping at deep wells to improve contact time; installation of on-line analyzers to monitor water quality parameters at all source water locations; system upgrades to improve system control; and utilization of a consultant to provide additional design and evaluation services, as needed. Recent research and data collections have produced a Water Line Rehabilitation Priority List, based on several criteria's to identify water mains that are in need of replacement or relining. Pipes will be upgraded according to the severity of the pipe condition, as well as coordination with the City of Dover's Public Services Street Rehabilitation Program. Also included in this category are design and installation of piping at deep wells to improve contact time.

NEED, JUSTIFICATION, BENEFIT: Water quality complaints have eroded consumer confidence in the City's water supply as the water is perceived to be aesthetically unpleasant. In order to reduce complaints and potentially alleviate this problem, it is necessary to implement the improvements identified by staff, the 2004 Water Master Plan Update and the Fiscal Year 2006 Water Quality Evaluation.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Delaying or eliminating this project will prolong the customer dissatisfaction and further erode confidence in the City's water supply. In addition, the City will continue to have to reimburse customers for damaged clothing resulting from the brown water.

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: Addressing the brown water and associated water quality concerns of the City's water system will not only require capital improvements to the system but also operational changes. Some operation changes will result in no net effect on the operating budget, while others will need to be addressed in the development of future operating budgets. Such items include tools and supplies necessary to improve system sampling and monitoring as well as tools and supplies necessary to improve system-wide flushing operations.

TIME-LINE/CURRENT STATUS: The primary Water Quality Improvement project completed to date consists of the replacement of unlined eight-inch and fourteen-inch cast iron pipe in Division Street between State Street and Bayard Avenue. In Fiscal Year 2008, the contact time designs were completed and installation is largely completed. Operational efforts, such as flushing, will occur on a continuous basis.

COMMENTS: As part of the water quality waterline rehabilitation priority program, water lines were identified throughout the City that require replacement/relining. Using this as a guide the following water line rehabilitation projects are scheduled for Fiscal Year 2009: Greenhill Road, Madison Street, N. Pennsylvania Ave., Rodney Street, American Avenue Ext., Rte. 13 Design, Pear Street, N. West Street, Bayard Avenue, Hazel Road, Maryland Avenue, and Smith Street. In some cases it may only be portions of the streets that require replacement; we have not differentiated that within this listing. If a street is added to the City's street program that was not anticipated we may defer one of the listed projects to address that street before it is repaved.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design	225,000	400,000	350,000	500,000	420,000	240,000	240,000	**2,375,000**
Land	240,000				30,000	60,000		**330,000**
Construction	800,000	1,187,000	1,534,400	500,000	310,000	530,000	590,000	
Miscellaneous								
Other								
TOTAL	**1,265,000**	**1587,000**	**1,884,400**	**1,000,000**	**760,000**	**830,000**	**830,000**	**8,156,400**

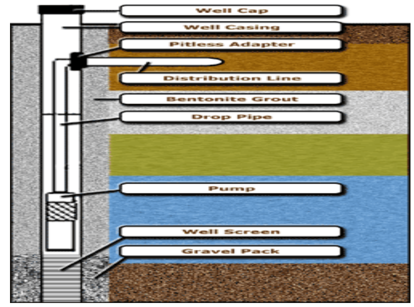
FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Water/Wastewater Fund	1,265,000			1,000,000	760,000	830,000	830,000	**4,685,000**
Bond		1,587,000	1,884,400					**3,471,400**
TOTAL	**1,265,000**	**1,587,000**	**1,884,400**	**1,000,000**	**760,000**	**830,000**	**830,000**	**8,156,400**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Wellhead Redevelopment Program



FISCAL YEARS: 2009 - 2013

PROJECT NO: WD0801

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Water Mgmt

DEPT. RANKING: 3

NEW PROJECT: No

PROJECT DESCRIPTION: This project will provide for rehabilitation and repair of each deep wellhead in an effort to maintain operations and/or increase the yield of each well as it relates to the permitted allocation.

NEED, JUSTIFICATION, BENEFIT: The well screening and gravel pack requires cleaning over time due to a buildup of mineral deposits and foreign materials such as clay and silt. This maintenance effort is critical to ensure that production can continue to meet demand. It is also necessary to maintain the operational aspects of each well and provide repairs as needed to minimize downtime to maintain system capacity.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Delaying or eliminating this project would result in the continued deterioration of the well screen, gravel pack, and well yield over time. It would also result in increased well downtime and emergency repairs and decreased capacity. These issues can lead to increased flow pattern changes and water quality concerns.

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: Improved operating efficiencies at the wellhead will slightly reduce power costs, but this savings has not been quantified.

TIME-LINE/CURRENT STATUS: Tentative Schedule: Fiscal Year 2008 total well inspection and testing; Wells for out years will be determined based on FY 08.

COMMENTS: Fiscal Year 2005: Wells #8, #10 and #11 were completed. Fiscal Year 2006: Wells #2 and #6 were completed.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction	230,962	50,000	55,000	60,000	65,000	70,000	75,000	**605,962**
Miscellaneous								
Other								
TOTAL	**230,962**	**50,000**	**55,000**	**60,000**	**65,000**	**70,000**	**75,000**	**605,962**

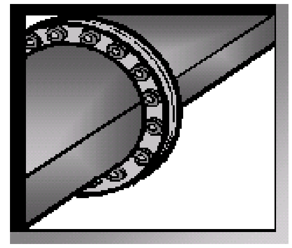
FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Water/Wastewater Fund	230,962	50,000	55,000	60,000	65,000	70,000	75,000	**605,962**
TOTAL	**230,962**	**50,000**	**55,000**	**60,000**	**65,000**	**70,000**	**75,000**	**605,962**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Miscellaneous Distribution System Improvements



FISCAL YEARS: 2009 - 2013

PROJECT NO: WD0806

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Water Mgmt

DEPT. RANKING: 7

NEW PROJECT: No

PROJECT DESCRIPTION: This project will eliminate hydraulically inefficient water mains throughout the City by interconnecting dead ends with existing mains already in place, removing bottlenecks within the system, and installing improvements identified by the flushing program. In addition, these funds can be used to partner with private developers to oversize future mains to meet the long term goals of the utility.

NEED, JUSTIFICATION, BENEFIT: Existing dead end mains and bottlenecks do not provide adequate circulation within the water system. The result is stagnant water which continually produces complaints from residents. Implementing improvements identified by the flushing program will aide in improved operational control of the system. Missing opportunities to oversize strategic mains will result in higher construction costs in the future.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Delaying or eliminating this project would result in continued complaints from customers and residents regarding water quality and missed opportunities to expand the transmission and distribution system.

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: This is an ongoing annual program. We identify, plan, and construct improvements each year.

COMMENTS: All work will be done using in house construction, and costs are for materials used to make water main improvements only. All costs for over sizing will be paid to private developers through negotiated cost and public works agreements. This project is ongoing.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction	333,948	60,000	65,000	70,000	75,000	75,000	75,000	**753,948**
Miscellaneous								
Other								
TOTAL	**333,948**	**60,000**	**65,000**	**70,000**	**75,000**	**75,000**	**75,000**	**753,948**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Impact Fee	333,948	60,000	65,000	70,000	75,000	75,000	75,000	**753,948**
TOTAL	**333,948**	**60,000**	**65,000**	**70,000**	**75,000**	**75,000**	**75,000**	**753,948**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Remote Control and Monitor Wells

FISCAL YEARS: 2010

PROJECT NO:

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Water Mgmt

DEPT. RANKING: 2

NEW PROJECT: No

PROJECT DESCRIPTION: This project, identified in the 2004 Water Master Plan Update, would provide SCADA system and monitoring upgrades for the production wells.

NEED, JUSTIFICATION, BENEFIT: This project will provide SCADA System and monitoring upgrades to improve accuracy, totalization, compatibility, and monitoring ability with SCADA system. This project will also improve VFD control and increase the ability to comply with reporting requirements.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Delaying or eliminating this project would result in the continuation of less than adequate control of wells and monitoring ability.

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Tentative schedule: Implementation in Fiscal Year 2010

COMMENTS: This project was recommended in the 2004 Water Master Plan Update with original project estimates based upon 2005 dollars. Out year costs have been increased at 3.5 percent per year.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction								
Miscellaneous	139,700		150,100					**289,800**
Other								
TOTAL	**139,700**		**150,100**					**289,800**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Water/Wastewater Fund	139,700							**139,700**
Capital Asset Reserve			**150,100**					**150,100**
TOTAL	**139,700**		**150,100**					**289,800**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Emergency Generators (Wells)

FISCAL YEAR S : 2010

PROJECT NO:

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Water Mgmt

DEPT. RANKING: 3

NEW PROJECT: No

PROJECT DESCRIPTION: This project, identified in the 2004 Water Master Plan Update, would provide emergency generators for production wells.

NEED, JUSTIFICATION, BENEFIT: This project will provide emergency power to wells for continued water production and reliability in the event of power disruptions or other emergencies.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Delaying or eliminating this project would result in reduced or suspended water service in the event of power disruptions or other emergencies.

THIS PROJECT IS RELATED TO THE FOLLOWING: Remote Control and Monitor Wells, Water Quality

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Portable or fixed generators are currently not available to most of the deep wells. The Water Treatment Plant is equipped with a fixed generator.

COMMENTS: Provision of standby generators at each well facility was recommended in the 2004 Water Master Plan Update with original project estimates based upon 2005 dollars. Out year costs have been increased at 3.5 percent per year. Additional funding resources such as Homeland Security funding, may become available for this program. (The generator located at Well #10 was purchased with Homeland Security funding.)

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction								
Miscellaneous	140,000		150,000					**290,000**
Other								
TOTAL	**140,000**		**150,000**					**290,000**

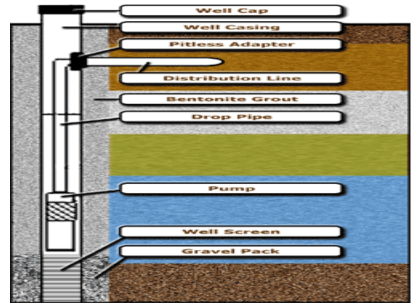
FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Homeland Security Grant	140,000		150,000					**290,000**
TOTAL	**140,000**		**150,000**					**290,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Future Well Installation



FISCAL YEAR: 2013

PROJECT NO:

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Water Mgmt

DEPT. RANKING: 2

NEW PROJECT: Yes

PROJECT DESCRIPTION: This project, identified by staff and confirmed by the 2004 Water Master Plan Update, proposes the drilling of a new Production Well to increase production capacity up to our current permitted allocation as well as increase system pressure and stabilize the chlorine residuals of the City.

NEED, JUSTIFICATION, BENEFIT: To meet increased demand and fire suppression requirements.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Delaying or eliminating this project would result in the continued reduction in our production capabilities under our permitted allocation.

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Planning is proposed for Fiscal Year 2013. Design and site procurement are planned for Fiscal Year 2014. Construction to be completed in Fiscal Year 2015.

COMMENTS: The specific location of a proposed wellhead has not been determined at this time. The location will be selected with the assistance of a consultant during the planning and design phase. In addition, the yield from a new production well may allow us to abandon some of our poorly performing wells. Costs, identified in the 2004 Water Master Plan Update, have been increased based upon 3.5 percent per year. Land costs are based upon the need of 1/2 acre of land for the project.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design						25,000	89,000	**114,000**
Land							65,000	**65,000**
Construction							307,000	**307,000**
Miscellaneous								
Other								
TOTAL						**25,000**	**461,000**	**486,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Water/Wastewater Fund						25,000	461,000	**486,000**
TOTAL						**25,000**	**461,000**	**486,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Water Treatment Plant Process Improvements

FISCAL YEARS: 2013

PROJECT NO:

CATEGORY: Water/Wastewater

DEPARTMENT: Public Utilities - Water Mgmt

DEPT. RANKING: 3

NEW PROJECT: Yes

PROJECT DESCRIPTION: This project, identified in the 2004 Water Master Plan Update, proposes process improvements to the existing Water Treatment Plant.

NEED, JUSTIFICATION, BENEFIT: Process improvements will allow for capacity enhancements as well as improved ability to meet regulatory requirements.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Delaying or eliminating this project can result in production capacity decreases and/or regulatory incompliance.

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Planning is proposed for Fiscal Year 2013. Construction to begin in Fiscal Year 2014.

COMMENTS:

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design						75,000		**75,000**
Land								
Construction							171,000	**171,000**
Miscellaneous								
Other								
TOTAL						**75,000**	**171,000**	**246,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Water/Wastewater Fund						75,000	171,000	**246,000**
TOTAL						**75,000**	**171,000**	**246,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

THIS PAGE INTENTIONALLY LEFT BLANK

ELECTRIC

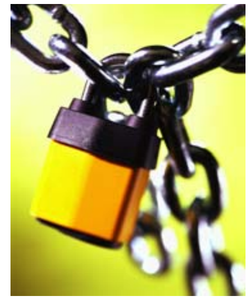
EXPENDITURES

CATEGORY	PAGE	TOTAL 5 YEAR COST	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Public Utilities – Admin							
DEMA Safety & Security Grant	209	75,000	75,000	-	-	-	-
Subtotal		**75,000**	**75,000**	-	-	-	-
Public Utilities – Electric Eng							
69 Kv Feeders 3 and 4	210	3,956,820	3,956,820	-	-	-	-
St. Jones Substation	211	4,028,122	4,028,122	-	-	-	-
Horsepond Transformer	212	695,000	695,000	-	-	-	-
Danner Farm Transformer	213	45,000	45,000	-	-	-	-
Replacement of 69 Kv Breakers	214	742,000	183,000	183,000	188,000	188,000	-
Distribution Upgrades	215	2,500,000	500,000	500,000	500,000	500,000	500,000
Lighting Project and Rehabilitation	216	250,000	50,000	50,000	50,000	50,000	50,000
Mid-City Substation	217	1,488,461	-	483,000	1,005,461	-	-
Walker Road Distribution Upgrade	218	633,112	-	350,511	282,601	-	-
Substation PT & CT Replacement	219	784,813	-	260,880	256,218	267,715	-
Distribution Feeder Replacement Prog.	220	1,510,040	-	377,510	377,510	377,510	377,510
Distribution Capacitors	221	320,000	-	120,000	-	120,000	-
Frazier Substation Reliability Upgrade	222	1,408,302	-	-	-	155,000	1,253,302
College Rd to McKee Substation	223	307,000	-	-	-	307,000	-
Horsepond Substation Reliability	224	130,000	-	-	-	-	130,000
Subtotal		**18,798,670**	**9,457,942**	**2,324,901**	**2,659,790**	**2,045,225**	**2,310,812**
Public Utilities – T & D							
New Developments	225	4,491,285	865,000	881,300	897,925	914,881	932,179
Subtotal		**4,491,285**	**865,000**	**881,300**	**897,925**	**914,881**	**932,179**
Public Utilties – Power Plant							
McKee Run Unit 3 SNCR	226	2,600,000	2,600,000	-	-	-	-
McKee Run Unit 3 CEMS Software & Computer	227	30,000	30,000	-	-	-	-
VanSant Unit 11 CEMS Software & Computer	228	30,000	30,000	-	-	-	-
McKee Run Unit 3 COMS Replacement	229	30,000	30,000	-	-	-	-
McKee Run & VanSant Arc Flash	230	125,000	50,000	75,000	-	-	-
McKee Run Unit 1 COMS Replacement	231	30,000	-	30,000	-	-	-
McKee Run Warehouse/Admin Smoke & Heat Detection System	232	55,000	-	55,000	-	-	-
McKee Run Unit 2 COMS Replacement	233	30,000	-	-	30,000	-	-
McKee Run Units 1 & 2 Stack Repairs	234	75,000	-	-	-	75,000	-
McKee Run Unit 1 Turbine Outage	235	500,000	-	-	-	500,000	-
McKee Run Unit 3 Turbine Outage	236	1,000,000	-	-	-	-	1,000,000
Subtotal		**4,505,000**	**2,740,000**	**160,000**	**30,000**	**575,000**	**1,000,000**
TOTAL		**27,869,955**	**13,137,942**	**3,366,201**	**3,587,715**	**3,535,106**	**4,242,991**

REVENUE

REVENUE SOURCE	TOTAL 5 YEAR COST	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Electric I and E Fund	16,392,135	4,219,122	2,683,201	2,899,715	2,847,106	3,742,991
Electric Depreciation Reserve Fund	3,937,000	1,378,000	683,000	688,000	688,000	500,000
Electric Bond	7,465,820	7,465,820	-	-	-	-
State Reimbursement	75,000	75,000	-	-	-	-
TOTAL	**27,869,955**	**13,137,942**	**3,366,201**	**3,587,715**	**3,535,106**	**4,242,991**

DEMA Safety & Security Grant



FISCAL YEAR : 2009

PROJECT NO:

CATEGORY: Electric

DEPARTMENT: Public Utilities - Electric Admin

DEPT. RANKING: 1

NEW PROJECT: Yes

PROJECT DESCRIPTION: Delaware Emergency Management Agency (DEMA) issued the Public Utilities Department a grant in the amount of $75,000 to be used for safety and security of administration building and substation properties.

NEED, JUSTIFICATION, BENEFIT: For system protection and terroristic threat protection. The operation of the electric and wastewater system can be controlled via a computer link located in the Public Utilities. This grant will be used to enhance the current security system in an effort to make the building more secure.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Material thefts and system wide disturbances.

THIS PROJECT IS RELATED TO THE FOLLOWING:

EXPLANATION OF IMPACT ON OPERATING BUDGET:

TIME-LINE/CURRENT STATUS: Project completion pending DEMA approval.

COMMENTS:

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction		75,000						**75,000**
Miscellaneous								
Other								
TOTAL		**75,000**						**75,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
State Reimbursement		75,000						**75,000**
TOTAL		**75,000**						**75,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

69 Kv Feeders 3 and 4

FISCAL YEARS : 2008 - 2009

PROJECT NO: EE0601

CATEGORY: Electric

DEPARTMENT: Public Utilities - Electric Eng

DEPT. RANKING: 1

NEW PROJECT: No

PROJECT DESCRIPTION: This project will install two new 69 Kv circuits starting at the Cartanza Substation and interconnecting with our existing 69 Kv network near Fulton and West Streets. The completion of this project will provide redundancy to the existing transmission system and allow any one of the four transmission lines to be taken out of service due to a component failure, or for maintenance, without causing a large scale outage. Additionally, it should be able to supply future transmission capacity for at least 20 years. The project will be completed in two phases. Phase I of this project, with construction beginning in the spring of 2008, will build two new circuits to the St. Jones Substation location (located at the intersection of Kings Hwy. and Division Street); while it will not provide any interconnection or service at this location, it is an electrically appropriate mid-point in the project. Phase II of the project will begin in the fall of 2008 and continue the double circuits from St. Jones Substation to a point near Fulton and West Street where they will interconnect with our existing lines. Phase II also includes installing approximately four spans of transmission line at North Street, near the railroad tracks and the remove of obsolete lines along North Street near the Enterprise Industrial Park.

NEED, JUSTIFICATION, BENEFIT: The existing two lines from the Cartanza Substation carry the entire system load. If one line should fail due to weather, accidents, or equipment failure during peak loading times approximately 50 percent of the electric customers would be out of power until the failure was resolved. Additionally, the current transmission lines share the same poles for approximately the first mile, if one of these support structures were to be knocked down, the entire City would be without power until the generation could be started and could take approximately ten hours before restoration would be completed. The addition of the two new circuits will provide a diverse path and double the transmission capacity.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: As previously discussed, prolonged, widespread outages on the transmission system and/or the operation of generation at a substantial economic loss during transmission maintenance (approximately $1M in FY07).

THIS PROJECT IS RELATED TO THE FOLLOWING: St. Jones Substation

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Started in FY 06 and completed in FY 09.

COMMENTS:

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design	846,475	379,000						**1,225,475**
Land								
Construction	4,777,455	3,577,820						**8,355,275**
Miscellaneous								
Other								
TOTAL	**5,623,930**	**3,956,820**						**9,580,750**

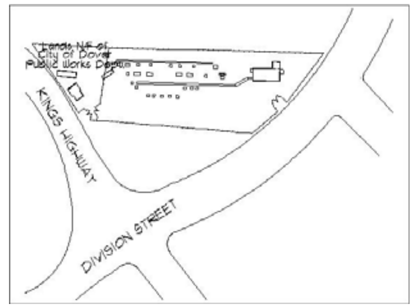
FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Electric Bond	5,623,930	3,956,820						**9,580,750**
TOTAL	**5,623,930**	**3,956,820**						**9,580,750**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

St. Jones Substation



FISCAL YEARS : 2008 - 2009

PROJECT NO:

CATEGORY: Electric

DEPARTMENT: Public Utilities - Electric Eng

DEPT. RANKING: 2

NEW PROJECT: No

PROJECT DESCRIPTION: This project will replace the current St. Jones Substation in coordination with the new 69 Kv Feeders 3 & 4 project. The new station will consist of a bus tie for the two new 69 Kv circuits, installation of a new transformer and switchgear to replace the existing obsolete equipment, and converting the last 22 Kv substation to 69 Kv.

NEED, JUSTIFICATION, BENEFIT: The installation of the bus tie will provide additional reliability to the transmission system by providing a protection scheme for line faults, allow the interconnection of the two new feeders at this location to provide greater reliability, and provide a dual transmission feed, with protection/isolation, to ensure that the substation continues to operate in instances where the transmission line fails. The current station transformer and equipment have reached their life expectancy and need to be replaced; therefore, this is an ideal time to convert the station to the 69 Kv system. This will facilitate the removal of approximately 6 miles of 22 Kv transmission lines, which will reduce the maintenance requirements and system losses.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: We would not be able to complete Phase II of the 69 Kv project, update the obsolete equipment, or remove the 22 Kv transmission system.

THIS PROJECT IS RELATED TO THE FOLLOWING: 69 Kv Feeders 3 and 4.

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Design and material procurement in FY 08, construction to begin in the fall of 2008 with completion scheduled for June of 2009.

COMMENTS: This is a revised CIP due to the revision of the 69 Kv Feeders 3 & 4 to only two phases and to ensure that the bond funds are expended in three years.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design	400,000	144,500						**544,500**
Land								
Construction	1,780,655	3,883,622						**5,664,277**
Miscellaneous								
Other								
TOTAL	**2,180,655**	**4,028,122**						**6,208,777**

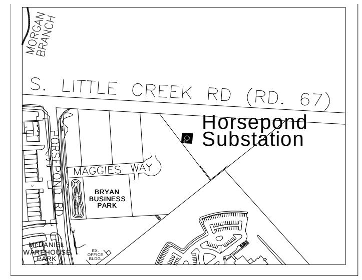
FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Electric Bond	2,180,655	3,509,000						**5,689,655**
Electric I and E Fund		519,122						**519,122**
TOTAL	**2,180,655**	**4,028,122**						**6,208,777**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Horsepond 600 Transformer



FISCAL YEAR: 2009

PROJECT NO:

CATEGORY: Electric

DEPARTMENT: Public Utilities - Electric Eng

DEPT. RANKING: 3

NEW PROJECT: No

PROJECT DESCRIPTION: This project will replace a 1970 substation transformer.

NEED, JUSTIFICATION, BENEFIT: This substation currently feeds Little Creek, Kitts Hummock, Pickering Beach, and the Kent County Industrial Park. The transformer backs up St. Jones, Lebanon, and Danner Farm.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Consequences of delaying or eliminating this project would be total transformer failure. Without replacing the transformer, the City will most likely continue to have oil spills and repair costs. Total transformer failure will result in extended outages and extremely high costs in environmental cleanup services.

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: This project will reduce major maintenance cost.

TIME-LINE/CURRENT STATUS: Transformer was ordered in October 2007 and project is scheduled to be completed by May 2009.

COMMENTS: The replacement transformer is larger in order to handle the additional load growth east of US Route 13 for areas such as Luther Towers and Clearview Meadows.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design	25,000							**25,000**
Land								
Construction	300,000	695,000						**995,000**
Miscellaneous								
Other								
TOTAL	**325,000**	**695,000**						**1,020,000**

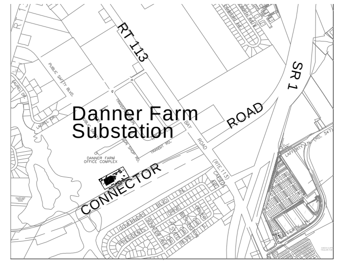
FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Electric Depreciation Reserve Fund	325,000	695,000						**1,020,000**
TOTAL	**325,000**	**695,000**						**1,020,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Danner Farm Transformer



FISCAL YEAR : 2009

PROJECT NO:

CATEGORY: Electric

DEPARTMENT: Public Utilities - Electric Eng

DEPT. RANKING: 7

NEW PROJECT: No

PROJECT DESCRIPTION: Replace a 1971 substation transformer with a larger, more reliable transformer that will be moved from Horsepond 500 Substation.

NEED, JUSTIFICATION, BENEFIT: Danner Farm Substation currently feeds the State of Delaware Danner Farm Complex, the east side of U.S. Rt. 13, and the Blue Hen Corporate Center. The substation backs up Horsepond, St. Jones, Mid City, and Lebanon Substation circuits.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Consequences of delaying or eliminating this project would be total transformer failure. Without replacing the transformer, the City will most likely continue to have oil spills and repair costs. Total transformer failure will result in extended outages and extremely high costs in environmental cleanup services.

THIS PROJECT IS RELATED TO THE FOLLOWING: Horsepond 600 Transformer

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Completion in Fiscal Year 2009.

COMMENTS:

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction		45,000						**45,000**
Miscellaneous								
Other								
TOTAL		**45,000**						**45,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Electric I and E Fund		45,000						**45,000**
TOTAL		**45,000**						**45,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Replacement of 69 Kv Breakers

FISCAL YEARS: 2009 - 2012

PROJECT NO: EE0408

CATEGORY: Electric

DEPARTMENT: Public Utilities - Electric Eng

DEPT. RANKING: 4

NEW PROJECT: No

PROJECT DESCRIPTION: This project involves the replacement of 69 KV breakers.

NEED, JUSTIFICATION, BENEFIT: The 69 KV breakers in the transmission system vary in age and reliability. Currently there are 39 of these breakers in the transmission system. Installation of the 230 Kv substation did place the breakers in a higher fault current environment than they are rated to safely operate in. This project will replace the most vulnerable breakers first and will eventually replace all of the oil-filled breakers with SF6 gas-filled breakers. Additionally, at the time the breakers are replaced the control wiring and relays will also be replaced to bring the installation into current standards.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Since these breakers have reached the end of their expected life, failure to replace them will result in miss-operation and either cause larger outages than necessary or cause greater damage to protected equipment. If the breaker failed on an interconnected customer, this failure could result in greater liability exposure.

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: The first two groups of four breakers are located at North Street substation. New locations include the following substations: McKee Run, Frazier, Danner Farm, Mid City, and Dover Air Force Base.

COMMENTS: Implementation of this project will allow for the replacement of several old and unreliable breakers allowing full utilization of the new 230 Kv substation. The expected total project cost of $1,225,000 will be spread out over a seven-year timetable.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design	3,000	3,000	3,000	3,000	3,000			**15,000**
Land								
Construction	480,000	180,000	180,000	185,000	185,000			**1,210,000**
Miscellaneous								
Other								
TOTAL	**483,000**	**183,000**	**183,000**	**188,000**	**188,000**			**1,225,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Electric Depreciation Reserve Fund	483,000	183,000	183,000	188,000	188,000			**1,225,000**
TOTAL	**483,000**	**183,000**	**183,000**	**188,000**	**188,000**			**1,225,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Distribution Upgrades

FISCAL YEARS : 2009 - 2013

PROJECT NO: EU0601

CATEGORY: Electric

DEPARTMENT: Public Utilities - Electric Eng

DEPT. RANKING: 5

NEW PROJECT: No

PROJECT DESCRIPTION: This project involves the systemic replacement of overhead lines with underground lines whenever services are being moved, wire is damaged, or trees cause a high number of outages. This can involve a single service up to an entire residential neighborhood. Annual outage records are reviewed, and selected areas are scheduled for upgrade to underground service. Additionally, this program funds the replacement of existing underground conductors and equipment that have reached their useful life and have started failing and require replacement.

NEED, JUSTIFICATION, BENEFIT: The number of storm and tree-related outages has been greatly reduced under this program, and further improvements can be made to insure the most reliable electric service possible. Reliability has become the single most important factor to electric customers, even more so than cost. We must provide the most reliable system possible. The useful, reliable life of the original underground cable was 20 – 30 years. We have many established neighborhoods where we are experiencing primary cable faults because of the age of the cable. By proactively replacing this cable we will minimize outages and improve our reliability. In addition to overhead lines this project replaces underground cable which has reached the end of its life and begins to fail.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Continued outages lead to increased complaints from our customers and will lead to customer dissatisfaction. There will be increased costs for repairs made under outage conditions as well as loss of electric revenue.

THIS PROJECT IS RELATED TO THE FOLLOWING: Ongoing commitment to reduce outages and high costs associated with them.

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: This project will be ongoing over the 12 months of the budget year.

COMMENTS: This account is used to upgrade any trouble areas during the year. The following developments are to be upgraded in the future years: Kent Acres, Highland Acres, Schoolview, Crossgates, Pennwood, and Buchanan Acres.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction	800,000	500,000	500,000	500,000	500,000	500,000	500,000	**3,800,000**
Miscellaneous								
Other								
TOTAL	**800,000**	**500,000**	**500,000**	**500,000**	**500,000**	**500,000**	**500,000**	**3,800,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Electric Depreciation Reserve Fund	800,000	500,000	500,000	500,000	500,000	500,000	500,000	**3,800,000**
TOTAL	**800,000**	**500,000**	**500,000**	**500,000**	**500,000**	**500,000**	**500,000**	**3,800,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Lighting Project and Rehabilitation

FISCAL YEARS: 2009 - 2013

PROJECT NO: EE0605

CATEGORY: Electric

DEPARTMENT: Public Utilities - Electric Eng

DEPT. RANKING: 6

NEW PROJECT: No

PROJECT DESCRIPTION: This fund was developed to replace and repair existing street lights or install new lights upon customer request.

NEED, JUSTIFICATION, BENEFIT: The Electric Department has received several requests for lighting improvements. There are many developments that are in need of street light improvements. This fund would also provide funding for new large security light requests. Areas completed are Sherwood, The Hamlet, Mayfair/Crossgates, and North Governors Avenue.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Constant complaints of poor street lighting and poor security due to antiquated lights.

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: This project is ongoing.

COMMENTS: This fund will remain active as long as there are improvements to be made. Private area lighting requests are a source of revenue for the City.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction	200,000	50,000	50,000	50,000	50,000	50,000	50,000	**500,000**
Miscellaneous								
Other								
TOTAL	**200,000**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**500,000**

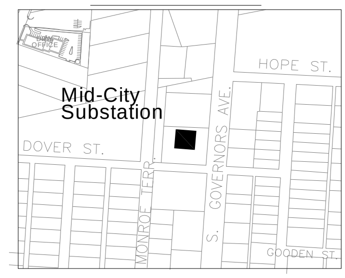
FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Electric I and E Fund	200,000	50,000	50,000	50,000	50,000	50,000	50,000	**500,000**
TOTAL	**200,000**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**500,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Mid-City Substation



FISCAL YEARS : 2010 - 2011

PROJECT NO:

CATEGORY: Electric

DEPARTMENT: Public Utilities - Electric Eng

DEPT. RANKING: 1

NEW PROJECT: No

PROJECT DESCRIPTION: This project will allow the Utility to provide a containment area for the transformer and upgrade the 69 Kv line/transformer protection to a three-breaker scheme.

NEED, JUSTIFICATION, BENEFIT: The transformer does not have a containment pit to protect the environment in case of a catastrophic failure as required by standard operating procedures and mandated by the EPA. Additionally the transmission line serving this substation is protected at Dover Air Force Base and North Street switching yards, which means that five substations (Lebanon, Danner Farm, Mid City, Mayfair, and Van Sant Substations) will lose power when a line fault occurs. The placement of the 3-breaker scheme at this location will help minimize substation outages during line faults and will ensure that Mid City Substation does not lose service under normal line fault situations. It accomplishes this by determining which line section is faulted and opens only the line that is affected; whereby, the station will receive power from the other side of the loop.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: The failure to place the transformer in a containment pit prior to a catastrophic failure would mean oil would be spilled into the area and could contaminate the surrounding vicinity, which also includes a water well. Additionally, we could be cited by the EPA for failure to enclose the oil vessel. Not upgrading the transmission line protection will result in large, unnecessary, outages for transmission line faults, ultimately affecting a large number of customers.

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Engineering and long lead time material will be ordered in Fiscal Year 2010, with construction completed in Fiscal Year 2011.

COMMENTS:

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design			75,000	25,000				**100,000**
Land								
Construction			408,000	980,461				**1,388,461**
Miscellaneous								
Other								
TOTAL			**483,000**	**1,005,461**				**1,488,461**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Electric I and E Fund			483,000	1,005,461				**1,488,461**
TOTAL			**483,000**	**1,005,461**				**1,488,461**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Walker Road Distribution Upgrade

FISCAL YEARS: 2010 - 2011

PROJECT NO:

CATEGORY: Electric

DEPARTMENT: Public Utilities - Electric Eng

DEPT. RANKING: 2

NEW PROJECT: Yes

PROJECT DESCRIPTION: This project will be constructed in conjunction with the water main upgrade planned for this section of Walker Road. The Electric Division will install conduit, cable and equipment and remove the overhead power lines as the Water Division installs the new water main.

NEED, JUSTIFICATION, BENEFIT: The installation of the new power lines will increase the power capacity and improve the reliability to the customers by decreasing the exposure of the system to weather events. Additionally, the existing overhead requires upgrading to increase the capacity of the electric system.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: The aging pole line will require the replacement of new poles and overhead wire. Leaving the overhead line up increases the chances of weather related damages.

THIS PROJECT IS RELATED TO THE FOLLOWING: Water Division Walker Water Main Upgrade

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Design and material procurement in Fiscal Year 2010, construction to begin in the fall of 2009 with along with the water line installation. This will be a two year project and completion is scheduled for June of 2011.

COMMENTS:

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction				117,901				**117,901**
Miscellaneous			350,511					**350,511**
Other				164,700				**164,700**
TOTAL			**350,511**	**282,601**				**633,112**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Electric I and E Fund			350,511	282,601				**633,112**
TOTAL			**350,511**	**282,601**				**633,112**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Substation PT & CT Replacement

FISCAL YEARS : 2010 - 2012

PROJECT NO:

CATEGORY: Electric

DEPARTMENT: Public Utilities - Electric Eng

DEPT. RANKING: 4

NEW PROJECT: Yes

PROJECT DESCRIPTION: This project will be replacing aging metering/system protection equipment in the older substations. The equipment to be replaced measures the line voltage and current which is then interpreted by the relays for system protection. Additionally the lightning arrestors will be replaced which protects the equipment during lightning strikes.

NEED, JUSTIFICATION, BENEFIT: This equipment has a normal 30 year life and has exceeded that in all of our substations except the newest substations. By replacing the equipment during normal scheduled maintenance shut downs it will prevent larger outages due to equipment failure.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Such equipment has caused large outages by faulting due to its age. Additionally many of the current components have not been tested for PCB's which could result in expensive cleanup charges should they fail.

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Materials to be ordered in October 2009. Equipment will start arriving in the Spring 2010 and be installed during the regular scheduled Substation maintenance schedules until the project is completed in FY 13.

COMMENTS:

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design			10,000					**10,000**
Land								
Construction			250,880	256,218	267,715			**774,813**
Miscellaneous								
Other								
TOTAL			**260,880**	**256,218**	**267,715**			**784,813**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Electric I and E Fund			260,880	256,218	267,715			**784,813**
TOTAL			**260,880**	**256,218**	**267,715**			**784,813**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Distribution Feeder Replacement Program

FISCAL YEARS: 2010 - 2013

PROJECT NO:

CATEGORY: Electric

DEPARTMENT: Public Utilities - Electric Eng

DEPT. RANKING: 3

NEW PROJECT: Yes

PROJECT DESCRIPTION: Substation feeders are defined as the 3-phase lines that carry the load from the substations to the customers' neighborhood. Additionally they interconnect to other substations to provide load redundancy should there be a failure of an adjacent substation. Many of the older substation feeders have smaller conductors that cannot carry the load that is required during system peaks and emergency situations. This project would systematically upgrade these conductors to increase the capacity of the feeders as well as ultimately reducing system losses. Lastly, many of the feeder components have reached the end of their useful life and require substantial maintenance.

NEED, JUSTIFICATION, BENEFIT: These lines are typically older, smaller, and reaching the end of their useful life. This program will provide the needed systematic maintenance to the conductors, cross arms, and insulators as well as increasing system capacity, ultimately resulting in more efficient operations by reducing line losses.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Due to the age and condition of the current feeders delaying this systematic maintenance/upgrade program will result in reduced system utilization as well as detrimentally impacting future reliability.

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: This will be a multi-year project until all circuits have been upgraded as required.

COMMENTS: The cost for to run one (1) mile of underground equates to $135,400 per mile; the cost to run one (1) mile of overhead equates to $21,342. It is our goal to run two (2) miles of underground and five (5) miles of overhead per year.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction			377,510	377,510	377,510	377,510	377,510	**1,887,550**
Miscellaneous								
Other								
TOTAL			**377,510**	**377,510**	**377,510**	**377,510**	**377,510**	**1,887,550**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Electric I and E Fund			377,510	377,510	377,510	377,510	377,510	**1,887,550**
TOTAL			**377,510**	**377,510**	**377,510**	**377,510**	**377,510**	**1,887,550**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Distribution Capacitors

FISCAL YEARS: 2010 - 2012

PROJECT NO:

CATEGORY: Electric

DEPARTMENT: Public Utilities - Electric Eng

DEPT. RANKING: 5

NEW PROJECT: No

PROJECT DESCRIPTION: Install distribution capacitors throughout the system to correct poor power factor on distribution circuits.

NEED, JUSTIFICATION, BENEFIT: Additional capacitance is required in order to meet system power factor requirements at the Delmarva Power and Light interchange point. This was substantiated through a load-flow study conducted by Shaw in early 2004 and distribution study by Wilson & Wilson in 2006.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Without the additional capacitor banks, the City may experience a low voltage problem and the possibility of having to pay power factor penalties to Delmarva Power and Light.

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: N/A

COMMENTS:

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction	344,995		120,000		200,000			**664,995**
Miscellaneous								
Other								
TOTAL	**344,995**		**120,000**		**200,000**			**664,995**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Electric I and E Fund	344,995		120,000		200,000			**664,995**
TOTAL	**344,995**		**120,000**		**200,000**			**664,995**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Frazier Substation Reliability Upgrade

FISCAL YEARS : 2012 - 2013

PROJECT NO:

CATEGORY: Electric

DEPARTMENT: Public Utilities - Electric Eng

DEPT. RANKING: 1

NEW PROJECT: Yes

PROJECT DESCRIPTION: The high-side of the substation will be upgraded to include transmission line protection breakers as well as the transformer breaker.

NEED, JUSTIFICATION, BENEFIT: When the transmission line experiences a fault this substation loses power until the short circuit is found and the appropriate switching is accomplished. With the installation of the line breakers the faulted transmission line will be isolate from the substation and the customers will not experience an interruption of service.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Accepting the outages in the north-west section of the system during transmission line faults.

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: The design will begin in July 2011; materials should be ordered in July 2012 and construction to be completed in June 2013.

COMMENTS:

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design					155,000			**155,000**
Land								
Construction						778,447		**778,447**
Miscellaneous								
Other						474,855		**474,855**
TOTAL					**155,000**	**1,253,302**		**1,408,302**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Electric I and E Fund					155,000	1,253,302		**1,408,302**
TOTAL					**155,000**	**1,253,302**		**1,408,302**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

College Road to McKee Substation Feeders

FISCAL YEARS : 2012

PROJECT NO:

CATEGORY: Electric

DEPARTMENT: Public Utilities - Electric Eng

DEPT. RANKING: 2

NEW PROJECT: Yes

PROJECT DESCRIPTION: This project will be performed in conjunction with the water main upgrade. The Electric division will bury the overhead power lines as the Water department installs the new water main.

NEED, JUSTIFICATION, BENEFIT: The installation of the new power lines will increase the capacity and improve the reliability to the customers by decreasing the chances of wind, rain and lightening damage. Additionally this will replace the overhead power lines through the Meadow between McKee Rd and College road thus reducing the maintenance of the right of way.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: The aging pole line will require the installation of new poles and overhead wire due to their age. Leaving the overhead line up increases the chances of weather related damages.

THIS PROJECT IS RELATED TO THE FOLLOWING: McKee Run Tank Water Main Upgrade.

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: Design and material procurement in FY 2011, construction to begin in the fall of 2011 with along with the water line installation. This will be a two year project and completion is scheduled for June of 2012.

COMMENTS:

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design					10,000			**10,000**
Land								
Construction								
Miscellaneous					297,000			**297,000**
Other								
TOTAL					**307,000**			**307,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Electric I and E Fund					307,000			**307,000**
TOTAL					**307,000**			**307,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

Horsepond Substation Reliability Upgrade

FISCAL YEAR: 2013

PROJECT NO:

CATEGORY: Electric

DEPARTMENT: Public Utilities - Electric Eng

DEPT. RANKING: 1

NEW PROJECT: Yes

PROJECT DESCRIPTION: The high-side of the substation will be upgraded to include transmission line protection breakers as well as the transformer breaker.

NEED, JUSTIFICATION, BENEFIT: When the transmission line experiences a fault this substation loses power until the short circuit is found and the appropriate switching is accomplished. With the installation of the line breakers the faulted transmission line will be isolate from the substation and the customers will not experience an interruption of service.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Accepting the outages in the south-east section of the system during transmission line faults.

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: The design work will begin in July 2012, materials to be ordered in July 2013, and construction to be completed by June 2014.

COMMENTS:

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design						130,000		**130,000**
Land								
Construction							883,461	**883,461**
Miscellaneous								
Other								
TOTAL						**130,000**	**883,461**	**1,013,461**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Electric I and E Fund						130,000	883,461	**1,013,461**
TOTAL						**130,000**	**883,461**	**1,013,461**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

New Developments

FISCAL YEARS : 2009 - 2013

PROJECT NO: EE0808

CATEGORY: Electric

DEPARTMENT: Public Utilities - Trans and Dist

DEPT. RANKING: 1

NEW PROJECT: No

PROJECT DESCRIPTION: This project would purchase materials in order to provide electric service to new housing developments, businesses, and industrial developments. This will be an on-going project. Additionally, a portion of this expense is offset by the extension payments that new developers pay $1,200.00 per residential lot connection fee.

NEED, JUSTIFICATION, BENEFIT: During the course of each budget year, new development projects request electric service. Some are new projects, and some are projects that had received approval several years ago but were not completed for any number of reasons.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: N/A

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: This project is on-going.

COMMENTS: Materials are budgeted in a number of different accounts depending on the type of material.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction	2,498,500	865,000	881,300	897,925	914,881	932,179	949,823	**7,939,608**
Miscellaneous								
Other								
TOTAL	**2,498,500**	**865,000**	**881,300**	**897,925**	**914,881**	**932,179**	**949,823**	**7,939,608**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Electric I and E Fund	2,498,500	865,000	881,300	897,925	914,881	932,179	949,823	**7,939,608**
TOTAL	**2,498,500**	**865,000**	**881,300**	**897,925**	**914,881**	**932,179**	**949,823**	**7,939,608**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

McKee Run Unit 3 Selective Non-Catalytic Reduction System

FISCAL YEARS : 2008 - 2009

PROJECT NO:

CATEGORY: Electric

DEPARTMENT: Public Utilities - Power Plant

DEPT. RANKING: 1

NEW PROJECT: Yes

PROJECT DESCRIPTION: Install SNCR Pollution Control System for McKee Run Unit 3.

NEED, JUSTIFICATION, BENEFIT: The power plant will convert all three units at McKee Run to number two (#2) oil and perform burner modifications to reduce the pollution output at the plant. This work is being performed In order to comply with Delaware Pollution Regulations. The conversion will reduce the NOx emissions from the flue gas going out the stack. The costs are divided into two years with partial engineering and design costs in Fiscal Year 2008 and final design and construction in Fiscal Year 2009. Total cost of the project is estimated at $3.8 million with $2.6 million budgeted for Fiscal Year 2009. This project is funded by operating revenues and bond sale.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Failure to comply with Regulation 1146 could result in monetary fines from DNREC.

THIS PROJECT IS RELATED TO THE FOLLOWING: N/A

EXPLANATION OF IMPACT ON OPERATING BUDGET: N/A

TIME-LINE/CURRENT STATUS: N/A

COMMENTS:

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design	1,200,000							**1,200,000**
Land								
Construction		2,200,000						**2,200,000**
Miscellaneous								
Other		400,000						**400,000**
TOTAL	**1,200,000**	**2,600,000**						**3,800,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Electric I and E Fund	1,200,000	2,600,000						**3,800,000**
TOTAL	**1,200,000**	**2,600,000**						**3,800,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

McKee Run Unit 3 CEMS Software & Computer

FISCAL YEARS: 2008 - 2009

PROJECT NO:

CATEGORY: Electric

DEPARTMENT: Public Utilities - Power Plant

DEPT. RANKING: 1

NEW PROJECT: Yes

PROJECT DESCRIPTION: It is necessary to install a new computer and CEMS software for the continued operation of Unit 3. The recommendation is to replace the existing computer and software before 10/1/08 to ensure that the entire last quarter of the reporting period is using the new system thus minimizing the potential for reporting errors.

NEED, JUSTIFICATION, BENEFIT: The replacement of the CEMS equipment for Unit 3 is the direct result of a new EPA regulation Compliance with the new regulation is required by 1/1/09.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Potential for unit to be out of compliance, unavailable for operation resulting in forced outages, loss of capacity payments and potential to receive an NOV.

THIS PROJECT IS RELATED TO THE FOLLOWING: The CEMS computer and software will also need to be changed at the VanSant Combustion Turbine facility to ensure compliance with the new EPA regulation. Replacement at the VanSant facility is also expected to be completed by 10/1/08.

EXPLANATION OF IMPACT ON OPERATING BUDGET: Would expect this project to be funded outside the normal operating budget due to the new EPA regulation.

TIME-LINE/CURRENT STATUS: Unit 3 replacement to be completed in fiscal year 2008.09 before 10/1/08.

COMMENTS: Delaying the completion of this project could result in the inability to comply with the new EPA regulation resulting in increased forced outages and loss of income from capacity sales and potential to receive an NOV.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction								
Miscellaneous		30,000						**30,000**
Other								
TOTAL		**30,000**						**30,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Electric I and E Fund		30,000						**30,000**
TOTAL		**30,000**						**30,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

VanSant Unit 11 CEMS Software & Computer

FISCAL YEARS: 2008 - 2009

PROJECT NO:

CATEGORY: Electric

DEPARTMENT: Public Utilities - Power Plant

DEPT. RANKING: 2

NEW PROJECT: Yes

PROJECT DESCRIPTION: It is necessary to install a new computer and CEMS software for the continued operation of the VanSant combustion turbine Unit 11. The recommendation is to replace the existing computer and software before 10/1/08 to ensure that the entire last quarter of the reporting period is using the new system thus minimizing the potential for reporting errors.

NEED, JUSTIFICATION, BENEFIT: The replacement of the CEMS equipment for Unit 11 is the direct result of a new EPA regulation Compliance with the new regulation is required by 1/1/2009.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Potential for unit to be out of compliance, unavailable for operation resulting in forced outages, loss of capacity payments and potential to receive an NOV.

THIS PROJECT IS RELATED TO THE FOLLOWING: The CEMS computer and software will also need to be changed on the McKee Run Unit 3 to ensure compliance with the new EPA regulation. Replacement at the McKee Run facility is also expected to be completed by 10/1/2008.

EXPLANATION OF IMPACT ON OPERATING BUDGET: Would expect this project to be funded outside the normal operating budget due to the new EPA regulations.

TIME-LINE/CURRENT STATUS: The VanSant Combustion Turbine Unit 11 replacement to be completed in before 10/1/2008.

COMMENTS: Delaying the completion of this project could result in the inability to comply with the new EPA regulation resulting in increased forced outages and loss of income from capacity sales and potential to receive an NOV.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction								
Miscellaneous		30,000						**30,000**
Other								
TOTAL		**30,000**						**30,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Electric I and E Fund		30,000						**30,000**
TOTAL		**30,000**						**30,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

McKee Run Unit 3 COMS Replacement

FISCAL YEARS : 2008 - 2009

PROJECT NO:

CATEGORY: Electric

DEPARTMENT: Public Utilities - Power Plant

DEPT. RANKING: 3

NEW PROJECT: Yes

PROJECT DESCRIPTION: It is becoming more and more difficult to locate spare parts to repair the existing opacity analyzers on all three McKee Run units. The recommendation is to replace the existing monitors beginning with Unit 3 in fiscal year 2008/09. This replacement is necessary to keep Unit 3 operational.

NEED, JUSTIFICATION, BENEFIT: In accordance with the existing Title V permit continuous opacity monitors are necessary during all periods of boiler operation. The purchase and installation of a new opacity monitor will ensure compliance with this section of the regulation, reliability of the unit and maximization of capacity payments. All three McKee Run units are currently operating with the same vintage opacity monitoring equipment. The expectation is that all three systems will need to be replaced in the year's ahead. Our hopes are to spread the costs for total replacement over a three year period by using the replaced units as an additional source of spare parts for the existing units still in service. All three units are expected to be replaced by fiscal year 2010/11. This is the first unit to be replaced.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Potential for unit to be unavailable for operation resulting in forced outages and loss of capacity payments.

THIS PROJECT IS RELATED TO THE FOLLOWING: All three McKee Run units are currently operating with the same vintage opacity monitoring equipment. The expectation is that all three systems will need to be replaced in the year's ahead. Our hopes are to spread the costs for total replacement over a three year period by using the replaced units as an additional source of spare parts for the existing units still in service. All three units are expected to be replaced by fiscal year 2010-2011.

EXPLANATION OF IMPACT ON OPERATING BUDGET: Would expect this project to b funded outside the normal operating budget. This would be considered a direct replacement for aging equipment.

TIME-LINE/CURRENT STATUS: Unit 3 replacement to be completed in fiscal year 2009.

COMMENTS: Delaying the completion of this project could result in the inability to comply with the Title V operating permit, resulting in increased forced outages and loss of income from capacity sales.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction								
Miscellaneous		30,000						**30,000**
Other								
TOTAL		**30,000**						**30,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Electric I and E Fund		30,000						**30,000**
TOTAL		**30,000**						**30,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

McKee Run & VanSant Arc Flash Analysis

FISCAL YEARS : 2008 - 2009

PROJECT NO:

CATEGORY: Electric

DEPARTMENT: Public Utilities - Power Plant

DEPT. RANKING: 4

NEW PROJECT: Yes

PROJECT DESCRIPTION: It is currently only an OSHA recommendation that facilities perform an Arc Flash Analysis on their equipment. The engineering analysis identifies the risk of personal injury as the result of an arc flash event, provides information to employees about arc flash and identifies personal protective equipment necessary to minimize injuries.

NEED, JUSTIFICATION, BENEFIT: Beginning in 2009 the National Electric Code will require employers to perform an assessment to determine potential exposure to electric arc for employees working near energized equipment. OSHA regulation identifies by reference the NFPA standard 70 E requirement to perform an arc flash analysis and for electrical workers to wear appropriate protection. Should we have an injury or death at the facility as the result of an arc flash incident the facility would most likely be sited for not performing the analysis and providing optimum protection to its employee's.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Potential for injury or harm to employees, damage to electrical equipment throughout the facilities and citations from regulatory agencies during the first six months of the year. The final cost to employers and insurers for a single serious injury can approach $10 million according to one agency.

THIS PROJECT IS RELATED TO THE FOLLOWING: NFPA standard 70 E identifying the need for an arc flash analysis.

EXPLANATION OF IMPACT ON OPERATING BUDGET: Would expect this project to be funded outside the normal operating budget. This project is the result of recommendations to ensure the safety of employees and protection of equipment. A 50K placeholder has been identified to complete the analysis in Fiscal 2009 and an additional placeholder in 2010 because of the level of corrective actions at each operating facility remains unknown until the actual analysis is performed.

TIME-LINE/CURRENT STATUS: Would expect the project to be completed no later than January of 2009 to meet the National Electric Code's requirement to complete an Arc Flash Analysis.

COMMENTS: Delaying the completion of this project could result in a more severe injury to employees who may be involved in an arc flash incident, increased damage to equipment resulting in forced outages, possible enforcement actions by regulatory agencies and costs associated with a potential claim.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction								
Miscellaneous		50,000	75,000					**125,000**
Other								
TOTAL		**50,000**	**75,000**					**125,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Electric I and E Fund		50,000	75,000					**125,000**
TOTAL		**50,000**	**75,000**					**125,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

McKee Run Unit 1 COMS Replacement

FISCAL YEARS: 2009 - 2010

PROJECT NO:

CATEGORY: Electric

DEPARTMENT: Public Utilities - Power Plant

DEPT. RANKING: 1

NEW PROJECT: Yes

PROJECT DESCRIPTION: It is becoming more and more difficult to locate spare parts to repair the existing opacity analyzers on all three McKee Run units. The recommendation is to replace the existing monitors beginning with Unit 3 in fiscal year 2009. This replacement is necessary to keep Unit 1 operational.

NEED, JUSTIFICATION, BENEFIT: In accordance with the existing Title V permit, continuous opacity monitors are necessary during all periods of boiler operation. The purchase and installation of a new opacity monitor will ensure compliance with this section of the regulation, reliability of the unit and maximization of capacity payments.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Potential for unit to be unavailable for operation resulting in forced outages and loss of capacity payments.

THIS PROJECT IS RELATED TO THE FOLLOWING: All three McKee Run units are currently operating with the same vintage opacity monitoring equipment. The expectation is that all three systems will need to be replaced in the years ahead. The total cost of replacement can be spread over a three year period by using the replaced units as an additional source of spare parts for the existing units still in service. All three units are expected to be replaced by Fiscal 2010-2011.

EXPLANATION OF IMPACT ON OPERATING BUDGET: Would expect this project to be funded outside the normal operating budget. This would be considered a direct replacement for aging equipment.

TIME-LINE/CURRENT STATUS: Unit 1 replacement to be completed in fiscal year 2010.

COMMENTS: Delaying the completion of this project could result in the inability to comply with the Title V operating permit, resulting in increased forced outages and loss of income from capacity sales.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction								
Miscellaneous			30,000					**30,000**
Other								
TOTAL			**30,000**					**30,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Electric I and E Fund			30,000					**30,000**
TOTAL			**30,000**					**30,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

McKee Run Warehouse/Admin Smoke & Heat Detection System

FISCAL YEARS: 2009 - 2010

PROJECT NO:

CATEGORY: Electric

DEPARTMENT: Public Utilities - Power Plant

DEPT. RANKING: 2

NEW PROJECT: Yes

PROJECT DESCRIPTION: The project will install a fire and heat alarm system in the warehouse and administration buildings.

NEED, JUSTIFICATION, BENEFIT: Insurance company recommendation is to provide for smoke and heat detection in the plants un-manned areas that contain combustible materials to provide early warning of the onset of any fire. Two areas to be addressed in the project include the administrative building and the warehouse.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Potential for fire detection and location to be delayed thereby causing extensive fire damage to vital areas of the power plant.

THIS PROJECT IS RELATED TO THE FOLLOWING: All three McKee Run units are currently operating with the same vintage opacity monitoring equipment. The expectation is that all three systems will need to be replaced in the year's ahead. Our hopes are to spread the costs for total replacement over a three year period by using the replaced units as an additional source of spare parts for the existing units still in service. All three units are expected to be replaced by fiscal year 2010/11. This is the second unit to be replaced.

EXPLANATION OF IMPACT ON OPERATING BUDGET: This project would be considered a capital equipment addition and therefore is expected to be funded outside the normal operating budget.

TIME-LINE/CURRENT STATUS: Project to be completed in fiscal year 2009-2010.

COMMENTS: Delaying the completion of this project could result in an increase in the damage to warehouses or to the Plant administrative building due to delayed emergency response in the event of a fire.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction								
Miscellaneous			55,000					**55,000**
Other								
TOTAL			**55,000**					**55,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Electric I and E Fund			55,000					**55,000**
TOTAL			**55,000**					**55,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

McKee Run Unit 2 COMS Replacement

FISCAL YEAR: 2011

PROJECT NO:

CATEGORY: Electric

DEPARTMENT: Public Utilities - Power Plant

DEPT. RANKING: 1

NEW PROJECT: Yes

PROJECT DESCRIPTION: It is becoming more and more difficult to locate spare parts to repair the existing opacity analyzers on all three McKee Run units. The recommendation is to replace the existing monitors beginning with Unit 3 in fiscal year 2008/09. This replacement is necessary to keep Unit 2 operational.

NEED, JUSTIFICATION, BENEFIT: In accordance with the existing Title V permit continuous opacity monitors are necessary during all periods of boiler operation. The purchase and installation of a new opacity monitor will ensure compliance with this section of the regulation, reliability of the unit and maximization of capacity payments. All three McKee Run units are currently operating with the same vintage opacity monitoring equipment. The expectation is that all three systems will need to be replaced in the year's ahead. Our hopes are to spread the costs for total replacement over a three year period by using the replaced units as an additional source of spare parts for the existing units still in service. All three units are expected to be replaced by fiscal year 2010/11. This is the third and last unit to be replaced.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Potential for unit to be unavailable for operation resulting in forced outages and loss of capacity payments.

THIS PROJECT IS RELATED TO THE FOLLOWING:

EXPLANATION OF IMPACT ON OPERATING BUDGET:

TIME-LINE/CURRENT STATUS: Unit 2 replacement to be completed in fiscal year 2011.

COMMENTS: Delaying the completion of this project could result in the inability to comply with the Title V operating permit, resulting in increased forced outages and loss of income from capacity sales.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction								
Miscellaneous				30,000				**30,000**
Other								
TOTAL				**30,000**				**30,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Electric I and E Fund				30,000				**30,000**
TOTAL				**30,000**				**30,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

McKee Run Units 1 & 2 - Stack Repairs

FISCAL YEARS : 2011 - 2012

PROJECT NO:

CATEGORY: Electric

DEPARTMENT: Public Utilities - Power Plant

DEPT. RANKING: 1

NEW PROJECT: Yes

PROJECT DESCRIPTION: It may become necessary to repair the internal area of Units 1 & 2 common stack.

NEED, JUSTIFICATION, BENEFIT: Our current plans are to perform in-house inspections of the stack on an annual basis and to contract an internal inspection of the stack by outside contractors on an as needed basis to determine the need for repairs.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Delaying necessary repairs could lead to more costly repairs in the future, simultaneous unplanned forced outages on both Units 1 & 2, fall out of internal material upon the surrounding community and potential injury to employees. Earnings from the sale of capacity may also be affected.

THIS PROJECT IS RELATED TO THE FOLLOWING: Continuous availability of operating Units 1 & 2.

EXPLANATION OF IMPACT ON OPERATING BUDGET: Due to the reduced operation of Units 1 & 2 we have moved the project out to fiscal year 2012.Our plans to perform regular assessments of the internal damage to the common stack will determine when repairs may be necessary. Severe damage may move the repairs to an earlier date however the reduced run time of Units 1 & 2 may continue to afford us the ability to postpone repairs to a later date.

TIME-LINE/CURRENT STATUS: The current expectation is to perform the repairs in fiscal year 2012.

COMMENTS: A determination for the necessity of repairs to Units 1 & 2 common stack will be performed on an annual basis.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction								
Miscellaneous					75,000			**75,000**
Other								
TOTAL					**75,000**			**75,000**

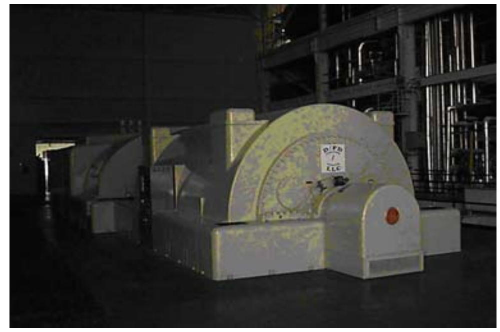
FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Electric I and E Fund					75,000			**75,000**
TOTAL					**75,000**			**75,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

McKee Run Unit #1 Turbine Outage



FISCAL YEAR: 2012

PROJECT NO:

CATEGORY: Electric

DEPARTMENT: Public Utilities - Power Plant

DEPT. RANKING: 1

NEW PROJECT: Yes

PROJECT DESCRIPTION: Inspect turbine to determine if any repairs are needed to keep the unit operational and to assess life of the unit. Assess repair quotes, if repairs are needed, to determine best available options.

NEED, JUSTIFICATION, BENEFIT: An assessment of the unit needs to be performed due to insufficient data or industry standards on cycling units to determine inspection and estimated repair frequency.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Possible catastrophic equipment failure.

THIS PROJECT IS RELATED TO THE FOLLOWING: The plant will attempt a borescope in 2008 to determine the internal conditions. If successful and conditions allow, this project can be scheduled for 2011. If the borescope results indicate conditions that are unacceptable, this project might need to be moved up or the unit retired.

EXPLANATION OF IMPACT ON OPERATING BUDGET:

TIME-LINE/CURRENT STATUS: Borescope will be attempted in 2008.

COMMENTS: Total project includes removing the turbine shell and inspection of all turbine parts including blades. McKee Run Units 1 and 2 are both scheduled for 2011 inspections in order to capitalize on common mobilization costs low. The project price is an estimated cost to perform the work. It would be possible to split this into one unit one year and one unit the next year, however there would be a slight increase in the expected cost for the two projects together.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction								
Miscellaneous								
Other					500,000			**500,000**
TOTAL					**500,000**			**500,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Electric I and E Fund					500,000			**500,000**
TOTAL					**500,000**			**500,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

McKee Run Unit 3 Turbine Outage

FISCAL YEARS : 2012 - 2013

PROJECT NO:

CATEGORY: Electric

DEPARTMENT: Public Utilities - Power Plant

DEPT. RANKING: 1

NEW PROJECT: Yes

PROJECT DESCRIPTION: Inspect turbine to determine if any repairs are needed to keep the unit operational and to assess life of the unit. Assess repair quotes, if repairs are needed, to determine best available options.

NEED, JUSTIFICATION, BENEFIT: An assessment of the unit needs to be performed due to insufficient data or industry standards on cycling units to determine inspection and estimated repair frequency.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Possible catastrophic equipment failure and indefinite loss of unit availability.

THIS PROJECT IS RELATED TO THE FOLLOWING: The need for an internal inspection of Unit 3 turbine may be determined by the amount of hours that the unit operates in the years ahead and the efficiency of the unit during this period of operation. Facility personnel will also investigate the impact our cyclic operation on the need for an internal inspections.

EXPLANATION OF IMPACT ON OPERATING BUDGET: Would expect this project to be funded outside the normal operating budget.

TIME-LINE/CURRENT STATUS: Would expect this outage to occur during the spring outage of 2013.

COMMENTS: Total project includes removing the turbine shell and inspection of all turbine parts including blades. The project price is an estimated cost to perform the work no bids have been solicited at this time.

FIVE-YEAR COST BREAKDOWN SCHEDULE:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Planning and Design								
Land								
Construction								
Miscellaneous								
Other						1,000,000		**1,000,000**
TOTAL						**1,000,000**		**1,000,000**

FINANCING:

	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL
Electric I and E Fund						1,000,000		**1,000,000**
TOTAL						**1,000,000**		**1,000,000**

IMPACT ON OPERATING BUDGET:

Description	Prior to 2009	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	After 2013	TOTAL

VEHICLE REPLACEMENT EXPENDITURES

Total Vehicle Summary

CATEGORY	PAGE	TOTAL 5 YEAR COST	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
General Fund							
Electric Meter Reading	238	20,250	-	20,250	-	-	-
Facilities Management	238	48,288	-	48,288	-	-	-
Mayor	238	21,000	-	21,000	-	-	-
Parks and Recreation	238	17,400	-	17,400	-	-	-
Police	239	1,769,832	316,322	309,921	305,753	311,031	526,807
Public Services - Planning	240	16,177	-	16,177	-	-	
Public Services - Inspections	240	60,000	-	28,000	32,000	-	-
Public Services - Grounds	241	631,069	109,500	134,598	163,818	78,184	144,969
Public Services - Sanitation	241	2,018,000	315,000	542,000	558,000	13,000	590,000
Public Services - Streets	242	1,367,220	212,470	299,750	253,550	379,450	222,000
Tax Assessor	242	20,000	-	20,000		-	
Subtotal		**5,989,236**	**953,292**	**1,457,384**	**1,313,121**	**781,665**	**1,483,776**
Electric I and E Fund							
Public Utilities - Electric Eng	242	77,445	15,445	15,000	47,000	-	
Public Utilities - Trans and Dist	243	136,000	18,500	99,000	18,500	-	-
Subtotal		**228,890**	**49,390**	**114,000**	**65,500**	**-**	**-**
Water/Wastewater Fund							
Public Utilities – W/WW Eng	243	64,690	15,445	49,245	-	-	-
Public Utilities - Wastewater Mgmt	243	426,400	210,000	207,800	8,600	-	-
Public Utilities - Water Mgmt	243	177,300	-	168,700	8,600	-	-
Public Utilities - Water Construction	244	694,145	29,000	496,000	169,145	-	-
Public Utilities - Water Treat	244	38,700	-	38,700	-	-	-
Subtotal		**1,385,790**	**239,000**	**960,445**	**186,345**	**-**	**-**
TOTAL		**7,603,916**	**1,241,682**	**2,531,829**	**1,564,966**	**781,665**	**1,483,776**

VEHICLE DETAIL

Electric Meter Reading

DESCRIPTION OF PROPOSED VEHICLE/EQUIPMENT	NO.	REPLACES	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
2010 Full Size Pick-up	155	2001 Dodge 1500 Pick-Up		20,250			
TOTAL				**20,050**			

Facilities Management

DESCRIPTION OF PROPOSED VEHICLE/EQUIPMENT	NO.	REPLACES	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
2009 Ford Van ¾ Ton E350	435	1999 Dodge RMV Van		16,096			
2010 Ford Van ¾ Ton E350	436	1996 Ford Van		16,096			
2009 Ford Van ¾ Ton E350	438	1996 Dodge B2500		16,096			
TOTAL				**48,288**			

Mayor

DESCRIPTION OF PROPOSED VEHICLE/EQUIPMENT	NO.	REPLACES	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
2008 Crown Victoria	2	2000 Ford Taurus		21,000			
TOTAL				**21,000**			

Parks and Recreation

DESCRIPTION OF PROPOSED VEHICLE/EQUIPMENT	NO.	REPLACES	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
2010, 7-Passenger Mini Van	590	2002 Dodge Van		17,400			
TOTAL				**17,400**			

Police

DESCRIPTION OF PROPOSED VEHICLE/EQUIPMENT	NO.	REPLACES	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
2009 Ford Fusion	203	1998 Ford Taurus	19,890				
2009 Ford Fusion	204	1998 Ford Taurus	19.890				
2009 Ford Fusion	205	1999 Ford Taurus	19,890				
2009 Ford Fusion	269	1999 Ford Taurus	19,890				
2009 Ford Crown Victoria	222	1999 Ford Crown Victoria	24,826				
2009 Ford Crown Victoria	225	2003 Ford Crown Victoria	24,826				
2009 Ford Crown Victoria	235	2001 Ford Crown Victoria	26,526				
2009 Ford Crown Victoria	234	2000 Ford Crown Victoria	24,826				
2009 Ford Crown Victoria	250	2003 Ford Crown Victoria	24,826				
2009 Ford Crown Victoria	273	2003 Ford Crown Victoria	24,826				
2009 Ford Crown Victoria	286	2003 Ford Crown Victoria	24,826				
2009 Ford Crown Victoria	297	2003 Ford Crown Victoria	24,826				
2009 Harley Davidson FLHTP1	266	2004 Harley Davidson	18,228				
2009 Harley Davidson FLHTP1	268	2004 Harley Davison FLHTP1	18,228				
2010 Ford Fusion	241	2000 Ford Taurus		20,366			
2010 Ford Fusion	242	2000 Ford Taurus		20,366			
2010 Ford Fusion	282	2001 Chevy Malibu		20,366			
2010 Ford Fusion	283	2001 Chevy Malibu		20,366			
2010 Ford Crown Victoria	237	2004 Ford Crown Victoria		25,369			
2010 Ford Crown Victoria	251	2004 Ford Crown Victoria		25,369			
2010 Ford Crown Victoria	252	2004 Ford Crown Victoria		27,069			
2010 Ford Crown Victoria	253	2004 Ford Crown Victoria		27,069			
2010 Ford Crown Victoria	254	2004 Ford Crown Victoria		25,369			
2010 Ford E-250 Van	281	1999 Ford E-250 Van		98,212			
2011 Ford Fusion	206	2002 Ford Taurus			20,854		
2011 GMC Savana 1500	207	1998 Ford E-250 Van			18,811		
2011 Ford Fusion	208	2002 Ford Taurus			20,854		
2011 Ford Fusion	284	2001 Chevy Malibu			20,854		
2011 Harley Davidson FLHTP1	267	2006 Harley Davidson			19,128		
2011 Ford Crown Victoria	275	2005 Ford Crown Victoria			25,926		
2011 Ford Crown Victoria	276	2005 Ford Crown Victoria			25,926		
2011 Ford Crown Victoria	277	2005 Ford Crown Victoria			27,626		
2011 Ford Crown Victoria	279	2005 Ford Crown Victoria			27,626		
2011 Ford Crown Victoria	288	2005 Ford Crown Victoria			25,926		
2011 Ford F-150 Pick Up Truck	296	2002 Ford F-150 Pick Up			21,205		
2011 Ford E-350 Custom	299	2001 Ford E-350			51,017		
2012 Ford E-450 Custom	246	1996 Ford E-450				86,367	
2012 Ford Crown Victoria	219	2006 Ford Crown Victoria				26,496	
2012 Ford Crown Victoria	226	2006 Ford Crown Victoria				26,496	
2012 Ford Crown Victoria	229	2006 Ford Crown Victoria				26,496	
2012 Ford Crown Victoria	233	2006 Ford Crown Victoria				26,496	
2012 Ford Crown Victoria	232	2006 Ford Crown Victoria				26,496	

Police
(continued)

DESCRIPTION OF PROPOSED VEHICLE/EQUIPMENT	NO.	REPLACES	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
2012 Ford Crown Victoria	217	2007 Ford Crown Victoria				26,496	
2012 Ford Crown Victoria	218	2007 Ford Crown Victoria				26,496	
2012 Harley Davidson FLHTP1	256	2008 Harley Davidson FLHTP1				19,596	
2012 Harley Davidson FLHTP1	257	2008 Harley Davidson FLHTP1				19,596	
2013 Ford Crown Victoria	236	2007 Ford Crown Victoria					27,081
2013 Ford Crown Victoria	228	2007 Ford Crown Victoria					27,081
2014 Ford Crown Victoria	280	2007 Ford Crown Victoria					27,681
2013 Ford Crown Victoria	227	2007 Ford Crown Victoria					27,081
2013 Ford Crown Victoria	216	2007 Ford Crown Victoria					27,081
2014 Ford Crown Victoria	292	2007 Ford Crown Victoria					27,681
2014 Ford Crown Victoria	290	2007 Ford Crown Victoria					27,681
2013 Ford Crown Victoria	201	2007 Ford Crown Victoria					27,081
2014 Ford Crown Victoria	272	2007 Ford Crown Victoria					27,681
2013 Ford Crown Victoria	220	2007 Ford Crown Victoria					27,081
2014 Ford Fusion	260	2007 Ford Fusion					22,392
2014 Ford Crown Victoria	278	2007 Ford Crown Victoria					27,681
2013 Ford F-150 4WD	245	2005 Ford F-150 4WD					22,200
2014 Ford Fusion	261	2007 Ford Fusion					22,392
2013 Ford E-450 SD Cutaway	298	2001 Ford E-450 SD Cutaway					137,390
2014 Ford E-250 Cargo Van	295	2005 Ford E-250 Cargo Van					21,542
TOTAL			**316,322**	**309,921**	**305,753**	**311,031**	**526,807**

Public Services – Planning

DESCRIPTION OF PROPOSED VEHICLE/EQUIPMENT	NO.	REPLACES	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
2010, 7-Passenger Van	3	2009 Chevy Uplander Ext		16,177			
TOTAL				**16,177**			

Public Services – Inspections

DESCRIPTION OF PROPOSED VEHICLE/EQUIPMENT	NO.	REPLACES	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
2010 Full-size ½ Ton Pick-Up	19	2001 Dodge Ram Pick-Up		16,000			
2010 Mid-size Sedan	20	1997 Dodge Neon		12,000			
2011 Full-size ½ Ton Pick-Up	18	2002 Dodge Pick-Up			16,000		
2011 Full-size ½ Ton Pick-Up	22	2001 Dodge Pick-Up			16,000		
TOTAL				**28,000**	**32,000**		

Public Services – Grounds

DESCRIPTION OF PROPOSED VEHICLE/EQUIPMENT	NO.	REPLACES	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
2009, ¾ Ton 4WD Pick-Up	558	1999 Dodge Pick-Up	28,000				
2009 Wing Mower	561	2001 Toro 455-D Mower	49,500				
2009, ¾ Ton Pick-Up w/Dump	557	1992 Dodge Pick Up	32,000				
2010, ¾ Ton 4WD Pick-Up	553	2001 Dodge Pick-up		31,823			
2010, 4 WD Wing Mower	562	2002 Toro Wing Mower		51,975			
2010, 52" Cut Front Mount	563	1993 X-Mark Mower EXS20K0		9,800			
2010, 1-Ton Dump Truck	577	1992 Ford 1-Ton Dump Truck		41,000			
2011 Stump Grinder	566	1998 Vermeer Stump Grinder			39,072		
2011, 52" Cut Front Mount	568	1998 X-Mark Mower			13,000		
2011 Dump Truck w/Chip Body	554	1999 Chevy Dump Truck			57,000		
2011 Tractor w/ 4WD	569	2001 Kubota Tractor			26,716		
2011, ¾ Ton 4WD Pick-Up	550	2002 Dodge ¾ Ton Pick-Up			28,030		
2012, 1-Ton Dump Truck	551	1998 Chevy 1-Ton Crew Cab				38,862	
2012 Utility Trailer	578	1991 International Trailer				8,450	
2012, 300-Gallon Sprayer	585	2002 Bean 300-Gallon Sprayer				20,022	
2012 X-Mark Mower	573	2006 X-Mark Mower				10,850	
2013, 1-Ton Crew Cab Dump	552	1995 Ford 1-Ton Crew Cab					45,000
2013, 300-Gallon Sprayer	565	1990 FMC 300-Gallon Sprayer					16,207
2013 Brush Chipper	579	1999 Bandit Chipper					43,222
2013 Brush Chipper	588	1994 Vermeer Chipper					40,540
TOTAL			**109,500**	**134,598**	**163,818**	**78,184**	**144,969**

Public Services – Sanitation

DESCRIPTION OF PROPOSED VEHICLE/EQUIPMENT	NO.	REPLACES	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
2009 Bulky Trash Truck	446	1990 Int'l. Bulk Truck	116,000				
2009 Automated Trash Truck	455	2001 Volvo Automated Truck	199,000				
2010 Automated Trash Truck	444	2003 Peterbilt Automated		205,000			
2010 Automated Trash Truck	450	2003 Peterbilt Automated		205,000			
2010, 20-Year Rear Loader	449	2002 Int'l Rear Loader		132,000			
2011 Bulk Trash Truck	447	2003 Sterling Bulk Truck			120,000		
2011 Automated Trash Truck	442	2004 Peterbilt Automated			219,000		
2011 Automated Trash Truck	443	2004 Peterbilt Automated			219,000		
2012 Trailer	453	2002 Hurst Trailer				13,000	
2013 Rear Loader	445	2008 Int'l Rear Loader					150,000
TOTAL			**315,000**	**542,000**	**558,000**	**13,000**	**150,000**

Public Services – Streets

DESCRIPTION OF PROPOSED VEHICLE/EQUIPMENT	NO.	REPLACES	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
2009, 1-Ton Roller	308	1997 Wolfpac Roller	23,300				
2009, 1 Ton Pick-Up w/Dump	330	1999 Dodge Pick-Up	15,170				
2009 Street Sweeper	357	2002 Int'l Street Sweeper	137,000				
2009 Leaf Vacuum Trailer	363	2002 OLDM Leaf Vac Trailer	37,000				
2010, 6-Wheel Dump Truck	328	1992 Int'l Dump Truck		99,750			
2010 Backhoe	319	1986 Case Backhoe		96,000			
2010, 6-Wheel Dump w/Snow	322	2001 Int'l Dump Truck		104,000			
2011, 6-Whell Dump Truck	326	1992 Int’l Dump Truck			99,750		
2011, 6-Wheel Dump Truck	324	2001 Int'l Dump Truck			115,000		
2011, ½ Ton V8 Pick-Up	332	2003 Chevrolet Pick-Up			19,800		
2011 Air Compressor	382	2002 Airman Air Compressor			19,000		
2012, 1-Ton Diesel Utility Truck	345	2001 Dodge Utility Truck				39,500	
2012, 6-Wheel Dump w/Plow	321	2001 Int’l Dump Truck				115,000	
2012 F/E Loader	312	2001 Case F/E Loader				100,650	
2012 Wheel Loader	316	2002 Case F/E Loader				111,300	
2012 Blacktop Trailer	394	1986 Hudson Trailer				13,000	
2013 Leaf Vacuum	361	2002 ODB Leaf Vac Trailer					37,000
2013, 1-Ton Dump Truck	394	2006 ,1-Ton Dump Truck					50,000
2013 Sweeper	356	2006 Int’l Sweeper					135,000
TOTAL			**212,470**	**299,750**	**253,550**	**379,450**	**222,000**

Tax Assessor

DESCRIPTION OF PROPOSED VEHICLE/EQUIPMENT	NO.	REPLACES	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
2010, 4-door sedan	4	2002 Dodge Stratus		20,000			
TOTAL				**20,000**			

Public Utilities – Electric Engineering

DESCRIPTION OF PROPOSED VEHICLE/EQUIPMENT	NO.	REPLACES	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
2009 Pick-Up	782	2001 Dodge Pick-Up	15,445				
2010 Pick-Up	785	1993 Ranger Pick-Up		15,000			
2011 Pick-Up	784	2000 Dodge Pick-Up			23,500		
2011 Pick-Up	786	2000 Dodge Pick-Up			23,500		
TOTAL			**15,445**	**15,000**	**47,000**		

Public Utilities – Electric Transmission and Distribution

DESCRIPTION OF PROPOSED VEHICLE/EQUIPMENT	NO.	REPLACES	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
2009 Pick-Up	791	1996 Dodge Pick-Up	18,500				
2010 Pick-Up	740	2001 Dodge Pick-Up		24,000			
2010 Int'l w/ Reel Loader	757	1995 Int'l 40S		75,000			
2011 Pick-Up	767	2001 Dodge Pick-Up			18,500		
TOTAL			**18,500**	**99,000**	**18,500**		

Public Utilities – Water/Wastewater Engineering

DESCRIPTION OF PROPOSED VEHICLE/EQUIPMENT	NO.	REPLACES	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
2009 Pick-Up	742	2001 Dodge Pick-Up	15,445				
2010 ½ Ton 4WD Pick-Up	418	2003 Chevrolet Pick-Up		22,245			
2010 Ford Escape Hybrid	421	1995 GMC Jimmy		27,000			
TOTAL			**15,445**	**49,245**			

Public Utilities – Wastewater Management

DESCRIPTION OF PROPOSED VEHICLE/EQUIPMENT	NO.	REPLACES	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
2009 Sewer Camera	-	New Request	210,000				
2010 Trailer Mounted Generator	601	1987 Empire Generator		24,000			
2010 Trailer Mounted Generator	602	1987 Empire Generator		24,000			
2010 Trailer Mounted Generator	603	1987 Empire Generator		24,000			
2010, ½ Ton Pick-Up	655	2003 Chevy Pick-Up		8,600			
2010, ½ Ton Pick-Up	663	2002 Dodge Pick-Up		9,000			
2010, 1-Ton Utility Truck	664	2002 Ford 1-Ton Pickup		39,000			
2010, ½, Ton Pick-up	668	2002 Dodge Pick-Up		9,000			
2010 Dump Truck w/10' Body	671	2002 Sterling Dump Truck		46,900			
2010 Air Compressor	683	2000 Airman Air Compressor		8,000			
2011, ½ Ton Pick-Up	695	2001 Dodge Pick-up			8,600		
TOTAL			**210,000**	**207,800**	**8,600**		

Public Utilities – Water Management

DESCRIPTION OF PROPOSED VEHICLE/EQUIPMENT	NO.	REPLACES	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
2010 ¾ Ton Pick-Up w/V8	-	New Request		26,000			
2010 Case 590 Backhoe	674	1997 New Holland Backhoe		45,900			
2010, ½ Ton Pick-Up	655	2003 Chevy Pick-Up		8,600			
2010, ½ Ton Pick-Up	663	2002 Dodge Pick-Up		9,000			
2010, ½ Ton Pick-Up	668	2002 Dodge Pick-Up		9,000			
2010, 1-Ton Utility Truck	680	2001 Dodge 1-Ton Pick-Up		15,300			
2010 Dump Truck w/ 10' Body	671	2002 Sterling Dump Truck		46,900			

Public Utilities – Water Management
(continued)

DESCRIPTION OF PROPOSED VEHICLE/EQUIPMENT	NO.	REPLACES	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
2010 Air Compressor	683	2000 Airman Air Compressor		8,000			
2011, ½ Ton Pick-Up	695	2001 Dodge Pick-Up			8,600		
TOTAL				**168,700**	**8,600**		

Public Utilities – Water Construction

DESCRIPTION OF PROPOSED VEHICLE/EQUIPMENT	NO.	REPLACES	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
2009 Vibratory Trench Roller	401	1996 Wacker RT820	29,000				
2010 Excavator w/ 36	400	1995 Caterpillar Excavator		263,000			
2010 Loader	402	1995 Caterpillar Loader		150,000			
2010 Flat Bed Truck	422	1991 International Flat Bed		65,000			
2010, ½ Ton Pick-Up	426	2001 Dodge Pick-Up		18,000			
2011, 1-Ton Utility Truck	403	1999 Dodge 1 Ton Pick-Up			30,650		
2011 Broom Tractor	406	1995 John Deere Broom			30,000		
2011 Dozer	408	1995 Caterpillar Dozer			89,500		
2011, ½ Ton V-8 Pick-Up	419	2001 Dodge Pick-Up			18,995		
TOTAL			**29,000**	**496,000**	**169,145**		

Public Utilities – Water Treatment Plant

DESCRIPTION OF PROPOSED VEHICLE/EQUIPMENT	NO.	REPLACES	FY 2009	FY 20010	FY 2011	FY 2012	FY 2013
2010, ¾ Ton Van	621	1992 Dodge Van		18,000			
2010, ¾ Ton Pick-Up	660	2001 Dodge Pick-Up		20,700			
TOTAL				**38,700**			

	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
GRAND TOTAL	**1,241,682**	**2,531,353**	**1,564,966**	**781,665**	**1,483,776**