

FY14-FY19 The City of Frederick Capital Improvements Program



THE CITY OF FREDERICK

**CAPITAL IMPROVEMENT PROGRAM
FY2014 - 2019**

THE CITY OF FREDERICK, MARYLAND
CAPITAL IMPROVEMENT PROGRAM
FY 2014 - 2019

PRJ. NO.	PROJECT NAME	TOTAL PROJECT	TOTAL CITY SHARE REQUIRED	CITY SHARE APPROVED TO DATE	CITY SHARE ONLY						
					FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	
GENERAL FUND FACILITIES											
	110006	Joint Communications	1,000,000	1,000,000	1,000,000	0	0	0	0	0	0
x	110007	DPW Emergency Generator	1,000,000	250,000	0	250,000	0	0	0	0	0
	120005	Downtown Hotel Project	500,000	250,000	250,000	0	0	0	0	0	0
x	120006	City Hall Roof Replacements	500,000	500,000	0	0	500,000	0	0	0	0
x	120007	Sustainability Initiatives	0	200,000	0	200,000	0	0	0	0	0
ROADS											
	310004	Monocacy Blvd./Rt 15 Interchange	1,455,000	1,455,000	1,455,000	0	0	0	0	0	0
x	310006	Christophers Crossing Corridor - Ft Detrick	3,800,000	3,800,000	0	400,000	400,000	3,000,000	0	0	0
x	310007	Christophers Crossing Corridor - Sanner	4,000,000	1,000,000	0	0	0	1,000,000	0	0	0
	310304	Monocacy Blvd. - Central Section	31,419,119	31,189,406	16,189,406	800,000	14,200,000	0	0	0	0
	320007	Opossumtown Pk./TJ Dr. Intersection Imps.	4,069,313	3,352,313	2,353,601	998,712	0	0	0	0	0
x	320015	Butterfly Lane Improvements - Realignment	2,800,660	2,500,000	0	0	0	2,500,000	0	0	0
	320018	Christophers Crossing Corridor and Intersection Imps	278,000	278,000	278,000	0	0	0	0	0	0
x	320024	Fairview Avenue Full Depth Reconstruction	1,300,000	1,300,000	0	1,300,000	0	0	0	0	0
x	320025	Rosemont Avenue Full Depth Reconstruction	1,300,000	1,300,000	0	1,300,000	0	0	0	0	0
x	320026	South Carroll Street Full Depth Reconstruction	410,000	410,000	0	410,000	0	0	0	0	0
x	320027	Thomas Johnson Drive Full Depth Reconstruction	3,500,000	3,500,000	0	3,500,000	0	0	0	0	0
ROADSIDE INFRASTRUCTURE											
	340000	Streetlight Upgrades	5,288,147	5,137,047	3,337,047	300,000	300,000	300,000	300,000	300,000	300,000
	340006	Streetlight Replacement - ARRA	455,494	250,346	250,346	0	0	0	0	0	0
x	340007	Bentz Street Pedestrian Crossing	0	250,000	0	250,000	0	0	0	0	0
	340102	Sidewalk Retrofit	693,296	290,524	290,524	0	0	0	0	0	0
	340401	New Traffic Signal Construction	1,429,420	1,429,420	889,420	30,000	225,000	30,000	225,000	30,000	0
	340402	Traffic Light Conversion - ARRA	164,732	38,580	38,580	0	0	0	0	0	0
	380001	Shared Use Path Plan Improvements	2,345,009	2,160,009	780,009	1,200,000	90,000	90,000	0	0	0
	380006	Way Finding	640,000	360,000	360,000	0	0	0	0	0	0
PARKS											
	410001	Carroll Creek Linear Park	32,269,000	24,872,502	24,872,502	0	0	0	0	0	0
	410007	Riverside Center Park	1,570,530	1,453,050	843,000	0	610,050	0	0	0	0
	410011	Avalon Park	384,000	384,000	0	0	384,000	0	0	0	0
	410017	Clover Ridge Park	438,000	438,000	35,000	(35,000)	35,000	403,000	0	0	0
	411202	West Side Regional Park	19,365,437	18,476,437	18,000,000	50,000	226,437	200,000	0	0	0
	450102	Grove Stadium Improvements	5,252,500	2,522,500	2,100,000	0	250,000	112,500	60,000	0	0
	480157	Weinberg Center Lights and Sound	180,000	90,000	90,000	0	0	0	0	0	0
Total General Fund:			<u>127,807,657</u>	<u>110,437,134</u>	<u>73,412,435</u>	<u>10,953,712</u>	<u>17,220,487</u>	<u>7,635,500</u>	<u>585,000</u>	<u>330,000</u>	<u>300,000</u>
Debt Funding			(71,017,199)	(56,017,199)	(800,000)	(800,000)	(14,200,000)	0	0	0	0
Special Assessments			(8,451,582)	(3,676,805)	(4,774,777)	(4,774,777)	0	0	0	0	0
Impact Fees			<u>(1,941,437)</u>	<u>(843,000)</u>	<u>(50,000)</u>	<u>(50,000)</u>	<u>(645,437)</u>	<u>(403,000)</u>	<u>0</u>	<u>0</u>	<u>0</u>
City Pay-As-You-Go			<u>29,026,916</u>	<u>12,875,431</u>	<u>12,875,431</u>	<u>5,328,935</u>	<u>2,375,050</u>	<u>7,232,500</u>	<u>585,000</u>	<u>330,000</u>	<u>300,000</u>

x - New project

**THE CITY OF FREDERICK, MARYLAND
 CAPITAL IMPROVEMENT PROGRAM
 FY 2014 - 2019**

PRJ. NO.	PROJECT NAME	TOTAL PROJECT	TOTAL CITY SHARE REQUIRED	CITY SHARE APPROVED TO DATE	CITY SHARE ONLY					
					FY 14	FY 15	FY 16	FY 17	FY 18	FY 19
<u>PARKING FACILITIES FUND</u>										
380408	Site G Parking Garage	16,865,000	16,865,000	1,135,000	0	230,000	15,500,000	0	0	0
380413	Church Street Deck Rehab / Rebuild	<u>14,905,864</u>	<u>14,680,864</u>	<u>980,864</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>200,000</u>	<u>13,500,000</u>	<u>0</u>
Total Parking Facilities Fund:		<u>31,770,864</u>	<u>31,545,864</u>	<u>2,115,864</u>	<u>0</u>	<u>230,000</u>	<u>15,500,000</u>	<u>200,000</u>	<u>13,500,000</u>	<u>0</u>
	Debt Funding		(30,240,864)	(1,240,864)	0	0	(15,500,000)	0	(13,500,000)	0
	Special Assessments	0	0	0	0	0	0	0	0	0
	Impact Fees	0	0	0	0	0	0	0	0	0
	Pay-As-You-Go		<u>1,305,000</u>	<u>875,000</u>	<u>0</u>	<u>230,000</u>	<u>0</u>	<u>200,000</u>	<u>0</u>	<u>0</u>
<u>STORM WATER FUND</u>										
350001	South Street Storm Drain	4,746,894	4,746,894	836,894	(90,000)	0	2,000,000	2,000,000	0	0
x 350004	Watershed Management	500,000	500,000	0	500,000	0	0	0	0	0
x 350005	Culler Lake Silt Removal	1,200,000	1,200,000	0	1,200,000	0	0	0	0	0
350020	Carroll Creek Flood Control Project	<u>55,905,005</u>	<u>23,145,438</u>	<u>23,145,438</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Storm Water Fund:		<u>62,351,899</u>	<u>29,592,332</u>	<u>23,982,332</u>	<u>1,610,000</u>	<u>0</u>	<u>2,000,000</u>	<u>2,000,000</u>	<u>0</u>	<u>0</u>
	Debt Funding		(19,484,703)	(15,484,703)	0	0	(2,000,000)	(2,000,000)	0	0
	Special Assessments		(383,000)	(383,000)	0	0	0	0	0	0
	Impact Fees	0	0	0	0	0	0	0	0	0
	Pay-As-You-Go		<u>9,724,629</u>	<u>8,114,629</u>	<u>1,610,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
TOTAL CIP:		<u>505,528,669</u>	<u>371,950,180</u>	<u>263,133,981</u>	<u>18,026,212</u>	<u>39,206,237</u>	<u>29,429,250</u>	<u>5,523,500</u>	<u>16,331,000</u>	<u>300,000</u>
x - New project										

TABLE OF CONTENTS

Capital Improvement Program FY 2014-2019

GENERAL FUND

110006 - Joint Communications.....	Page 1-2
110007 – DPW Emergency Generator.....	Page 3-4
120005 – Downtown Hotel Project.....	Page 5-6
120006 - City Hall Roof Replacement.....	Page 7-8
120007 – Sustainability Initiatives.....	Page 9-10

ROADS

310004 - Monocacy Blvd/Rt 15 Interchange.....	Page 11-12
310006 – Christophers Crossing Corridor – Ft. Detrick.....	Page 13-14
310007 – Christophers Crossing Corridor – Sanner.....	Page 15-16
310304 - Monocacy Blvd. – Central Section – Phase II.....	Page 17-18
320007 - Opossumtown Pike/TJ Drive Intersection Improvements.....	Page 19-20
320015 – Butterfly Lane Improvements – Realignment.....	Page 21-22
320018 – Christophers Crossing Corridor & Intersection Improvements.....	Page 23-24
320024 – Fairview Avenue Full Depth Reconstruction.....	Page 25-26
320025 – Rosemont Avenue Full Depth Reconstruction.....	Page 27-28
320026 – South Carroll Street Full Depth Reconstruction.....	Page 29-30
320027 – Thomas Johnson Drive Full Depth Reconstruction.....	Page 31-32

ROADSIDE INFRASTRUCTURE

340000 - Streetlight Upgrades.....	Page 33-34
340006 - Streetlight Replacement – ARRA.....	Page 35-36
340007 – Bentz Street Pedestrian Crossing.....	Page 37-38
340102 - Sidewalk Retrofit.....	Page 39-40
340401 - New Traffic Signal Construction.....	Page 41-42
340402 - Traffic Light Conversion – ARRA.....	Page 43-44
380001 - Shared Use Path Plan Improvements.....	Page 45-46
380006 - Way Finding Signage Program.....	Page 47-48

TABLE OF CONTENTS

PARKS

410001 - Carroll Creek Linear Park.....	Page 49-50
410007 - Riverside Center Park.....	Page 51-52
410011 - Avalon Park.....	Page 53-54
410017 - Clover Ridge Park.....	Page 55-56
411202 - West Side Regional Park.....	Page 57-58
450102 - Grove Stadium Improvements.....	Page 59-60
480157 – Weinberg Center Lights and Sound.....	Page 61-62

WATER

310304 - Monocacy Blvd. – Central Section – Phase II.....	Page 63-64
320015 – Butterfly Lane Improvements - Realignment.....	Page 65-66
360009 - Water Distribution Upgrades.....	Page 67-68
360011 - New Design Water Plant Expansion.....	Page 69-70
360015 - North Side Water Tank.....	Page 71-72
360018 - Water Loss Reduction.....	Page 73-74
360022 - Water Resource Project.....	Page 75-76
360023 - Ballenger Creek Interconnect (Phase II).....	Page 77-78
360025 - Water and Sewer Security.....	Page 79-80
360029 - Bowers/Whittier Connector Pipeline.....	Page 81-82
360031 - Fishing Creek Pipeline.....	Page 83-84
360032 - SCADA System.....	Page 85-86
360034 – Butterfly lane Water Tank: Lead Abatement.....	Page 87-88
360601 - Watershed Land Acquisition.....	Page 89-90

TABLE OF CONTENTS

SEWER

370007 - Wastewater Flowmeter Replacement	Page 91-92
370008 - Gas House Pike WWTP Expansion & Improvements	Page 93-94
370009 - Ballenger-McKinney WWTP.....	Page 95-96
370010 - Gas House Pike WWTP Solids Proc. Rehab.....	Page 97-98
370011 - Gas House Pike WWTP ENR Upgrade.....	Page 99-100
370300 - Inflow and Infiltration Reduction	Page 101-102

AIRPORT FUND

380051 - FAA Part 77.....	Page 103-104
380054 - Airport Property Acquisitions.....	Page 105-106
380062 - Property Acquisition – Bowman’s Farm	Page 107-108
380064 – Acquire Tom’s Property Easements.....	Page 109-110
380067 - Bailes Lane Demolition and Site Work	Page 111-112
380068 - Acquire/Obstruction Removal – Waffle House.....	Page 113-114
380071 – Acquisition & Demolition of Tulip Hill Houses.....	Page 115-116
380073 – Equipment Storage Building.....	Page 117-118
380077 - Air Traffic Control Tower & Associated Infrastructure Projects.....	Page 119-120
380086 – North County Easements.....	Page 121-122
380087 – MSP Hangar & Training Facility.....	Page 123-124
380088 – Corp Hangar P4.....	Page 125-126
380089 – Airways Inn.....	Page 127-128

PARKING FACILITIES

380408 - Site G Parking Garage (Deck #6).....	Page 129-130
380413 - Church Street Deck Rehab/Rebuild.....	Page 131-132

TABLE OF CONTENTS

STORM WATER

350001 - South Street Storm Drain.....	Page 133-134
350004 – Watershed Management Plan.....	Page 135-136
350005 – Culler Lake Silt Removal.....	Page 137-138
350020 - Carroll Creek Flood Control Project.....	Page 139-140

CIP NUMBER: 110006

PROJECT NAME: Joint Communications

PROJECT MANAGER: FPD Radio Replacement – Project Manager

SCOPE

- Expansion of the Frederick County Emergency Communications Center to accommodate the relocation of Frederick Police Department communications staff.
- Procurement of hardware /software to accommodate consolidation of dispatch centers and utilization of single consolidated County/City radio network.

JUSTIFICATION:

A new communications center has been programmed in the agency's space needs study for a new police facility as the current communications center is grossly over crowded. Frederick County's 5 year old 9-1-1 Center has reached it capacity and requires additional space. This situation presents a unique opportunity to again revisit the idea of consolidating the City and County centers under one roof. Based on an expression of interest from both City and County elected officials Frederick County contracted with a consultant (RCC) to consider the feasibility of this concept. The consultant's analysis endorsed the consolidation and/or co-location model.

As of February 2013, the County completed the redesign of the floor plan at Emergency Communications Center (ECC), located at 110 Airport Drive – East. The County secured funding for the new communications furniture from the 9-1-1 Maryland Emergency Numbers Board and has completed the furniture installation. The ECC's seating capacity has increased by 10 positions to a total capacity of 24 positions. All of the electronics necessary to support the consolidated County/City radio network has been installed and activated. FPD has been provided 4 console positions for use by Frederick Police dispatchers. The City of Frederick has not incurred, to date, any costs for equipment necessary to house FPD staff at the center. The project was funded entirely by the County and supplemented by the Emergency Numbers Board.

The Frederick County Board of County Commissioners approved a Memorandum of Understanding in February 2013 for housing FPD personnel at the ECC at an agreed upon price of \$1.00 dollar annually. Frederick Police communications staff transferred operations to the ECC on February 28, 2013.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	-	-	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	-	-	-	-	-	-	-	-
EQUIPMENT	1,000.000	1,000.000	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	1,000.000	1,000.000	-	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	1,000.000	1,000.000	-	-	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	1,000.000	1,000.000	-	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Joint Communications

110006

Fund 306 - General CIP

CIP NUMBER: 110007
PROJECT NAME: DPW Emergency Generator
PROJECT MANAGER: Deputy Director of Public Works - Operations

SCOPE:

The intent of this project is to engineer, purchase and install an emergency generator system to power the City's Department of Public Works facility located at 111 Airport Drive East. Operations located at this facility are responsible for responding to situations under any condition (routine, weather-related, emergency, etc.). Currently there is no backup source in order to accommodate power failure.

This project will include the following deliverables:

1. An engineered system with a complete set of specifications for backup power to serve all facilities within the DPW compound
2. Installation of the system
3. Testing of the newly installed system
4. Testing protocol for continued preventive maintenance
5. Spare parts kit

JUSTIFICATION:

The Department of Public Works Operations Group cannot effectively respond to City wide emergencies (hurricanes, high wind, snow, tornado, and other threats) without backup power.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	-	-	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	-	-	-	-	-	-	-	-
EQUIPMENT	1,000.000	-	1,000.000	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	1,000.000	-	1,000.000	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	250.000	-	250.000	-	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	750.000	-	750.000	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	1,000.000	-	1,000.000	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

DPW Emergency Generator
Fund 306 - General CIP

110007

CIP NUMBER: 120005

PROJECT NAME: Downtown Hotel Project

PROJECT MANAGER: Director of Economic Development

SCOPE:

As part of a public-private-partnership, this project is intended to fund a portion of the cost of professional consulting services, pre-planning, analysis, design, site acquisition, parking, geotech work, utilities, construction and related efforts of a privately owned and operated full-service hotel with meeting space in Downtown Frederick.

JUSTIFICATION:

The Downtown Frederick Hotel Advisory Committee seeks to craft a public-private development strategy leading to the construction of a privately-owned and operated full-service hotel with meeting space in Downtown Frederick, Maryland.

The Downtown Frederick Hotel Advisory Committee is a public-private ad-hoc committee established in 2009 by the Mayor of Frederick in response to strong community and business support regarding the need for a full-service hotel and meeting space in Downtown Frederick. The Committee intends to retain professional services of an experienced hotel development consultant to help craft and implement a selection strategy and financing plan. As part of the public private funding strategy, the City obtained a \$250,000 bond bill from the Maryland General Assembly with a required \$250,000 local match.

The Advisory Committee has conducted a demand and feasibility analysis, both independently and in conjunction with the Maryland Stadium Authority to determine the viability of such a facility in Downtown Frederick. Those studies – initially in 2010 (Pinnacle/OPX) and 2012 Update (MSA/Crossroads Consulting) clearly demonstrated the demand for a 200-room (+/-) full service hotel with 15,000 SF (+/-) of meeting space. The Committee has been successful in raising limited funding from the Private Sector, Chamber, City, and State to assist with soft costs related to initiating the project.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	500.000	500.000	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	-	-	-	-	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	500.000	500.000	-	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	250.000	250.000	-	-	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	250.000	250.000	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	500.000	500.000	-	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE							
EXPENSE							
NET	-						

Downtown Hotel Project
Fund 306 - General CIP

120005

CIP NUMBER: 120006

PROJECT NAME: City Hall Roof Replacement

PROJECT MANAGER: Deputy Director of Public Works

SCOPE:

The intent of this project is to replace the roof and other elements on or near the roof area in order to maintain the City Hall building adequately and improve the appearance and function of the building. This will be accomplished by completing the following:

- Replacement in-kind of the entire slate shingle roof with 16" x 12" ASTEM C406-889, Grade SE slate shingles in Vermont Black
- Replacement in kind of copper valley, copper chimney, copper wall, and gravel stop flashing;
- Replacement in kind of copper gutters and replacement in kind of copper downspouts but with a larger cross section of 3 ¾" by 5";
- Replacement of deteriorated wood framing and fascia/soffit and gutter support
- Replacement of existing bird-style snow guards with a rail system
- Replacement of sanitary vent flashings with copper flashing and infill of exhaust vent with slate roofing; and
- Replacement of membrane roof in-kind.

JUSTIFICATION:

The condition of the existing roof slates suggests a variety of ages and different quarries are represented. Many of the existing slates are badly weathered, cracked, and exhibit lamination, efflorescence, and evidence of water absorption. There is also evidence of water absorption on the underside of some of the roof sheathing indicating the need for replacement. The 20% threshold of damaged or deteriorated slates referred to in the Preservation Brief for Slate Roofs has been exceeded.

Throughout the entire roof area there is evidence of partial repairs and small areas of replacement. The previous repairs of many cracked and broken slates appear to have been done with silicone sealant and incorporated slate material that did not match the color of the original slates. The use of bibs made from corrosive steel is evident over many sections of the roof.

The gutter as installed does not allow for expansion along its length as the leading edge is tacked to the wood fascia with copper nails. This restriction of movement causes stresses to build up and be relieved at bends and fold in the copper sheet. Over time, those areas have fatigued and caused small cracks or holes in the gutter. Although the downspouts have been restored to operation, the size of two downspouts on the East elevation and one on the West elevation do not seem adequate to handle heavy rain events. Cornice fascia and soffit in some areas are deteriorating causing them to sag. The snow guard is inappropriate for the amount of contributing roof area. Consequently, large build ups of snow and ice have overrun and damaged the snow guards.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	-	-	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	500.000	-	-	500.000	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	500.000	-	-	500.000	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	500.000	-	-	500.000	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	500.000	-	-	500.000	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

City Hall Roof Replacement

120006

Fund 306 - General CIP

CIP NUMBER: 120007

PROJECT NAME: Sustainability Initiatives

PROJECT MANAGER: Deputy Director for Planning

SCOPE:

This project is to provide funds to allow the City of Frederick to undertake projects and studies that will result in a more sustainable community. The projects could include:

- Upgrades to City Facilities (Examples: WWTP / WTP)
- Energy Management within City Buildings
- Public Outreach and Education
- Environmental Projects (Examples: Stream Bank Restoration, Increasing Urban Canopy)
- Demonstration Projects (Examples: Solar, Geo Thermal, Wind)
- City Match for Other Programs, Loans and Grants

JUSTIFICATION:

Elements contained in this project will allow the City of Frederick to become a leader in sustainability by improving air & water quality, conservation of resources and having an educated community.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	-	-	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	-	-	-	-	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	200.000	-	200.000	-	-	-	-	-
TOTAL EXPENDITURES	200.000	-	200.000	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	200.000	-	200.000	-	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	200.000	-	200.000	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Sustainability Initiatives

120007

Fund 306 - General CIP

CIP NUMBER: 310004

PROJECT NAME: Monocacy Blvd / RT 15 Interchange

PROJECT MANAGER: Deputy Director of Engineering

SCOPE:

The intent of this project is to complete the engineering and design of the project as prescribed in the planning process. A memorandum of understanding and letter of agreement between the City, County and State was entered into in order to fund the design with SHA responsible for managing the design. City Staff will participate in meetings and provide data and input where applicable.

JUSTIFICATION:

Safety along US 15 will be enhanced by the construction of the interchange by eliminating at-grade crossings in The City of Frederick area. The connection will also provide a vital link between the east and west sides of The City of Frederick on the north side of town. This connection is expected to help alleviate congestion at the US 15 at Opossumtown Pike/Motter Avenue interchange.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	1,455.000	1,455.000	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	-	-	-	-	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	1,455.000	1,455.000	-	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	955.000	955.000	-	-	-	-	-	-
DEBT ISSUE	500.000	500.000	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	1,455.000	1,455.000	-	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Monocacy Blvd./Rt 15 Interchange

310004

Fund 306 - General CIP

CIP NUMBER: 310006

PROJECT NAME: Christophers Crossing Corridor – Ft Detrick

PROJECT MANAGER: Deputy Director of Engineering

SCOPE:

This project includes the design, permitting, and construction of Christophers Crossing through Fort Detrick's 'Area B', which ultimately extends from US 15 in the north around the City to US 40 in the west. Christophers Crossing in this section will be a four lane road and associated curb and gutter, street lights, sidewalks / bike paths, etc. These improvements were identified within the 2009 Christophers Crossing/Yellow Springs Road Corridor Traffic Study.

Partial funding for design & permitting is anticipated from the Waverly View development.

JUSTIFICATION:

The 2009 Christophers Crossing/Yellow Springs Road Corridor Traffic Study identified improvements needed for the corridor in order to account for anticipated regional developments from the expansion of Fort Detrick to approved mixed-use and residential development to anticipated annexation properties.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	800.000	-	400.000	400.000	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	3,000.000	-	-	-	3,000.000	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	3,800.000	-	400.000	400.000	3,000.000	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	3,800.000	-	400.000	400.000	3,000.000	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	3,800.000	-	400.000	400.000	3,000.000	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Christophers Crossing Corridor - Fort Detrick

310006

Fund 306 - General CIP

CIP NUMBER: 310007

PROJECT NAME: Christophers Crossing Corridor – Sanner

PROJECT MANAGER: Deputy Director of Engineering

SCOPE:

This project includes the design, permitting, and construction of Christophers Crossing through the Sanner Farm, which ultimately extends from US 15 in the north around the City to US 40 in the west. This connection is vital to providing multiple safe & efficient connections from residential areas in the northwest to downtown Frederick and US 15. Christophers Crossing will be a four lane road with auxiliary lanes and associated curb and gutter, street lights, sidewalks / bike paths, etc. These improvements were identified within the 2009 Christophers Crossing/Yellow Springs Road Corridor Traffic Study.

Per the Keller Farm Annexation, the development is required for design and permitting of Christophers Crossing through Sanner Farm, including the intersection with Walter Martz Road/Poole Jones Road and the Walter Martz roadway section up to Tuscarora Creek. Additionally, the annexation's regional transportation contribution may be used for construction.

JUSTIFICATION:

The 2009 Christophers Crossing/Yellow Springs Road Corridor Traffic Study identified improvements needed to the corridor in order to account for anticipated regional developments from the expansion of Fort Detrick to approved mixed-use and residential development to anticipated annexation properties. This connection is essential to the future development of the City-owned Sanner Farm, which potentially includes multiple public facilities.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	-	-	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	4,000.000	-	-	-	4,000.000	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	4,000.000	-	-	-	4,000.000	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	1,000.000	-	-	-	1,000.000	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	3,000.000	-	-	-	3,000.000	-	-	-
TOTAL REVENUES	4,000.000	-	-	-	4,000.000	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Christophers Crossing Corridor - Sanner Farm

310007

Fund 306 - General CIP

CIP NUMBER: 310304

PROJECT NAME: Monocacy Boulevard - Central Section – Phase II

PROJECT MANAGER: Deputy Director of Engineering

SCOPE:

The design and construction of Monocacy Boulevard Central Section which extends from Gas House Pike in the north to Hughes Ford Road in the south, including the design and construction of the bridge over Monocacy River, extension of Schifferstadt Boulevard and East Church Street to connect with Monocacy Boulevard, and the design and construction of the bridge over Carroll Creek. Monocacy Boulevard in this section will be a four lane road with associated curb and gutter and sidewalks / bike paths. This project also includes completion of the Carroll Creek Flood Control Levee along Gas House Pike. Portions of the design/construction fronting the Nicodemus property shall be paid for by the property owner as stipulated in their annexation agreement. This project includes associated water and sewer infrastructure.

JUSTIFICATION:

This section of roadway will create an eastern loop for motorists to go around Frederick. It will relieve congestion in town and provide additional choices for motorists to travel without entering already congested arterials. The roadway will provide key relief needed for East Street which is carrying significantly more traffic since the opening of the East Street extension off of I-70 in 2009.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	2,680.000	2,080.000	600.000	-	-	-	-	-
LAND/R.O.W.	7,700.000	7,500.000	200.000	-	-	-	-	-
UTILITIES	100.000	100.000	-	-	-	-	-	-
CONSTRUCTION	20,939.119	6,739.119	-	14,200.000	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	31,419.119	16,419.119	800.000	14,200.000	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	3,134.904	3,134.904	-	-	-	-	-	-
DEBT ISSUE	27,520.778	12,520.778	800.000	14,200.000	-	-	-	-
SPECIAL ASSESSMENT	533.724	533.724	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT - TIF	-	-	-	-	-	-	-	-
OTHER - Sale of Land/Dev.	229.713	229.713	-	-	-	-	-	-
TOTAL REVENUES	31,419.119	16,419.119	800.000	14,200.000	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Monocacy Blvd. - Central Section

310304

Fund 306 - General CIP

CIP NUMBER: 320007

PROJECT NAME: Opossumtown Pike / Thomas Johnson Drive Intersection Improvements

PROJECT MANAGER: Deputy Director of Engineering

SCOPE:

Widen northbound Opossumtown Pike to lengthen the left-turn and right-turn bays at Thomas Johnson Drive. The right-turn bay will become an auxiliary lane from the northbound US 15 off-ramp up to Thomas Johnson Drive. Widen southbound Opossumtown Pike to provide an additional through lane from Thomas Johnson Drive down to the southbound US 15 on-ramp. This will include relocation of utilities, reconstruction of sidewalk, and traffic signal modifications. Widen southbound Thomas Johnson Drive to install additional left-turn lane at Opossumtown Pike. Widen northbound Thomas Johnson Drive to install a separate right-turn lane. Install medians on Thomas Johnson Drive to limit access and improve safety and operations at the access drives located too close to the signal at Opossumtown Pike.

JUSTIFICATION:

The intersection of Opossumtown Pike at Thomas Johnson Drive currently operates at a LOS F during peak periods. This project will greatly improve the intersection's operations. The project is also needed to correspond with the SHA project that will rebuild and widen the Opossumtown Pike/Motter Avenue Bridge over US 15. The SHA will provide a free right turn from the northbound US 15 ramp to northbound Opossumtown Pike at Thomas Johnson Drive. This will significantly reduce delay and congestion in the interchange area and at the intersection of Opossumtown Pike at Thomas Johnson Drive.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	26.000	26.000	-	-	-	-	-	-
LAND/R.O.W.	702.000	702.000	-	-	-	-	-	-
UTILITIES	150.000	150.000	-	-	-	-	-	-
CONSTRUCTION	3,191.313	1,762.601	1,248.712	180.000	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	4,069.313	2,640.601	1,248.712	180.000	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	2,265.313	1,266.601	998.712	-	-	-	-	-
DEBT ISSUE	1,087.000	1,087.000	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	500.000	70.000	250.000	180.000	-	-	-	-
OTHER	217.000	217.000	-	-	-	-	-	-
TOTAL REVENUES	4,069.313	2,640.601	1,248.712	180.000	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Opossumtown Pike/Thos. Johnson Intersection 320007

Fund 306 - General CIP

CIP NUMBER: 320015

PROJECT NAME: Butterfly Lane Improvements - Realignment

PROJECT MANAGER: Deputy Director of Engineering

SCOPE:

This project is for the design and construction and the relocation of a four-lane Butterfly Lane section through the Hargett Farm to tie in at Swallowtail Drive. The existing Butterfly Lane will terminate prior to MD180 via a cul-de-sac.

The Residences at Prospect Hill are anticipated to contribute funding toward this project.

JUSTIFICATION:

This project will enhance roadway operations and provide additional capacity along Butterfly Lane, and will greatly improve traffic issues along the MD 180 corridor by spacing the intersection of Butterfly Lane at MD 180 a greater distance from Himes Avenue.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	300.660	-	-	300.660	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	2,500.000	-	-	-	2,500.000	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	2,800.660	-	-	300.660	2,500.000	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	2,500.000	-	-	-	2,500.000	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	300.660	-	-	300.660	-	-	-	-
TOTAL REVENUES	2,800.660	-	-	300.660	2,500.000	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Butterfly Lane Improvements - Realignment

320015

Fund 306 - General CIP

CIP NUMBER: 320018

PROJECT NAME: Christophers Crossing Corridor and Intersection Improvements

PROJECT MANAGER: Deputy Director of Engineering

SCOPE:

Complete corridor and intersection improvements in the Christophers Crossing Corridor in accordance with the Corridor Study completed in 2009. The recommendations contained in the document reflect the improvements of data collection in 2008. Prior to moving forward with the planned and programmed improvements, re-evaluation of the forecasts will take place to insure the improvement is needed.

JUSTIFICATION:

These corridor and intersections improvements are needed due to the development and expansion of Ft Detrick, mixed-use and residential development in already existing City lands, as well as future annexation properties, and overall background traffic increases.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	71.000	71.000	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	207.000	207.000	-	-	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	278.000	278.000	-	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	278.000	278.000	-	-	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	278.000	278.000	-	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE							
EXPENSE							
NET	-						

**Christophers Crossing Corridor and
Intersection Improvement Program**

320018

Fund 306 - General CIP

CIP NUMBER: 320024

PROJECT NAME: Fairview Avenue Full Depth Reconstruction

PROJECT MANAGER: Street Maintenance Superintendent

SCOPE:

This is a full depth reconstruction of the roadway on Fairview Avenue between West 7th Street and Rosemont Avenue. Work includes curb, gutter and ADA improvements as well as the removal and replacement of the street surface and subgrade to meet City Standards.

JUSTIFICATION:

The current paving section does not meet the City Standard which has resulted in multiple failures of the asphalt surface. The Street Maintenance Department has performed numerous repairs to this section of street due to the insufficient section.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	-	-	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	1,300.000	-	1,300.000	-	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	1,300.000	-	1,300.000	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	-	-	-	-	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	1,300.000	-	1,300.000	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	1,300.000	-	1,300.000	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Fairview Avenue Full Depth Reconstruction

320024

Fund 306 - General CIP

CIP NUMBER: 320025

PROJECT NAME: Rosemont Avenue Full Depth Reconstruction

PROJECT MANAGER: Street Maintenance Superintendent

SCOPE:

This is a full depth reconstruction of the roadway on Rosemont Avenue between West 2nd Street and North Bentz Street. Work includes curb, gutter and ADA improvements as well as the removal and replacement of the street surface and subgrade to meet City Standards.

JUSTIFICATION:

The current roadway has experienced multiple utility cuts and failures in the asphalt surface. The high volume of heavy traffic has detrimentally affected the stability of the roadway. It also has numerous concrete patches which promote the unevenness of the surface which affects the smoothness of the street.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	-	-	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	1,300.000	-	1,300.000	-	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	1,300.000	-	1,300.000	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	-	-	-	-	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	1,300.000	-	1,300.000	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	1,300.000	-	1,300.000	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Rosemont Avenue Full Depth Reconstruction

320025

Fund 306 - General CIP

CIP NUMBER: 320026

PROJECT NAME: South Carroll Street – Full Depth Reconstruction

PROJECT MANAGER: Street Maintenance Superintendent

SCOPE:

This is a full depth reconstruction of the roadway on South Carroll Street between East South Street and Clark Place. Work includes curb, gutter and ADA improvements as well as the removal and replacement of the street surface and subgrade to meet City Standards.

JUSTIFICATION:

The current paving section does not meet the City Standard which has resulted in multiple failures of the asphalt surface. The Street Maintenance Department has performed numerous repairs to this section of street due to the insufficient section.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	-	-	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	410.000	-	410.000	-	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	410.000	-	410.000	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	-	-	-	-	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	410.000	-	410.000	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	410.000	-	410.000	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE							
EXPENSE							
NET	0						

South Carroll Street Full Depth Reconstruction

320026

Fund 306 - General CIP

CIP NUMBER: 320027

PROJECT NAME: Thomas Johnson Drive Full Depth Reconstruction

PROJECT MANAGER: Street Maintenance Superintendent

SCOPE:

This is a full depth reconstruction of the roadway on Thomas Johnson Drive between Hayward Road and Opossumtown Pike. Work includes curb, gutter and ADA improvements as well as the removal and replacement of the street surface and subgrade to meet City Standards.

JUSTIFICATION:

The current paving section does not meet the City Standard for this type of road which has resulted in multiple failures of the asphalt surface. The subgrade has also been determined to be substandard in specific areas which has attributed to these failures. The new section will support the high volume of heavy traffic experienced daily on this section of road.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	-	-	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	3,500.000	-	3,500.000	-	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	3,500.000	-	3,500.000	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	1,735.223	-	1,735.223	-	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	1,764.777	-	1,764.777	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	3,500.000	-	3,500.000	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Thomas Johnson Drive Full Depth Reconstruction 320027

Fund 306 - General CIP

CIP NUMBER: 340000

PROJECT NAME: Streetlight Upgrade

PROJECT MANAGER: Superintendent of Lights/Signals

SCOPE:

This multi-year project allows the City's Street Light and Traffic Control Department to upgrade all streetlights currently powered by direct-bury series circuits. All of these streetlights will be converted to parallel circuits routed in conduit and their present lamp systems, both incandescent and high-pressure-sodium, will be converted to QL induction lamps (low pressure mercury discharge). At a minimum, the City must procure materials and contracted services according to the following responsibilities:

- City Provided Services:
Management (project management, procurement, inspection); Demolition (removal and disposal of existing pole bases); and Installation (refurbish existing poles, pulling underground wires in conduit, install poles and heads).
- During construction, this effort will affect residents as follows:
 1. Streetlights in specific project areas will be partially- or wholly inoperable for a short duration (approximately 45-90 days), and
 2. Installation of underground conduits and new pole bases will disturb the ground between the curb and sidewalk in front of some residences.
- FY14 Upgrades:
W. 3rd Street, N. Court Street, W. 2nd Street, Rosemont Avenue, Elm Street, Hood Alley, Evergreen Place, W. 5th Street, Grace Alley, Park Alley, Trail Avenue, Charlie Alley, North Street, Sharpes Lane, Bentz Street and Motter Avenue.
- Projected Upgrades (following years):
Motter Avenue, W. 10th Street, Motter Place, Kosmen's Alley, W 14th, Neidig Avenue, Frederick Avenue, Mehrling Alley, N. Market Street

JUSTIFICATION:

The City's upgrade of the existing high-voltage, series street lighting circuits will improve system safety and availability, and will reduce operating and maintenance costs. This project also generally satisfies the direction set forth in the Frederick City Comprehensive Plan (Chapter 8) that recommends that the City increase its energy efficiency to reduce the overall consumption of energy.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	-	-	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	5,288.147	3,488.147	300.000	300.000	300.000	300.000	300.000	300.000
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	5,288.147	3,488.147	300.000	300.000	300.000	300.000	300.000	300.000

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	5,137.047	3,337.047	300.000	300.000	300.000	300.000	300.000	300.000
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	31.100	31.100	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	120.000	120.000	-	-	-	-	-	-
TOTAL REVENUES	5,288.147	3,488.147	300.000	300.000	300.000	300.000	300.000	300.000

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Streetlight Upgrades

340000

Fund 306 - General CIP

CIP NUMBER: 340006

PROJECT NAME: Streetlight Replacement - ARRA

PROJECT MANAGER: Superintendent of Lights/Signals

SCOPE:

This multi-year project allows the City's Street Light and Traffic Control Department to upgrade all streetlights currently powered by direct-bury series circuits. All of these streetlights will be converted to parallel circuits routed in conduit and their present lamp systems, both incandescent and high-pressure-sodium will be converted to QL induction lamps (low pressure mercury discharge). As a minimum, the City must procure materials and contracted services according to the following responsibilities:

- City Provided Services: Management (project management, procurement, inspection), demolition (removal and disposal of existing pole bases), and installation (refurbish existing poles, pulling underground wires in conduit, install poles and heads).
- Contractor Provided Services: Excavate existing direct-bury wire, trench and install new PVC conduits, fabricate new concrete pole bases, grade and seed, and repair any damaged surfaces.

The first round of construction will be the Carrollton area and will consist of installing approximately 71 concrete pole foundations (including anchor bolts); 13,500 feet of 1 ½" of PVC conduit; SCH 40 to be furnished and installed; 2000 feet of trenching, backfilling and compaction; restoration; 11,000 feet of boring; and ten roadway borings @ 60 feet each.

JUSTIFICATION:

The City's upgrade of the existing high-voltage, series street lighting circuits will improve system safety and availability, and will reduce operating and maintenance costs. This project also generally satisfies the direction set forth in the Frederick City Comprehensive Plan (Chapter 8) that recommends that the City increase its energy efficiency to reduce the overall consumption of energy.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	-	-	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	455.494	455.494	-	-	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	455.494	455.494	-	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	250.346	250.346	-	-	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	205.148	205.148	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	455.494	455.494	-	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Streetlight Replacement - ARRA

340006

Fund 306 - General CIP

CIP NUMBER: 340007

PROJECT NAME: Bentz Street Pedestrian Crossing

PROJECT MANAGER: Deputy Director of Public Works - Engineering

SCOPE:

This project consists of the design and construction of pedestrian improvements at each intersection along Bentz Street from 2nd Street up to 7th Street. Improvements will include new ADA ramps, pedestrian signals, signs, and striping.

JUSTIFICATION:

This project addresses the need to provide safe options for pedestrian crossings of Bentz Street.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	50.000	-	50.000	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	200.000	-	200.000	-	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	250.000	-	250.000	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	250.000	-	250.000	-	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	250.000	-	250.000	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Bentz Street Pedestrian Crossing

340007

Fund 306 - General CIP

CIP NUMBER: 340102

PROJECT NAME: Sidewalk Retrofit

PROJECT MANAGER: Deputy Director of Engineering

SCOPE:

This project is part of an on-going initiative to utilize State Highway Administration matching funds to construct sidewalks in urbanized areas along state highways. Funding sources vary in terms of the need for pedestrian improvements; either for safety or for access to transit facilities. Future sections will include missing links along the north and south sides of MD26 east of Monocacy Blvd to Waterside/Sebastian Ct, and the east and west sides of Baughman's Lane north of West Patrick Street. This project will address various sections each year depending on needs and SHA funding levels. New sidewalks, curbs, ramps, crosswalks, and walk lights will be constructed to create an integrated pedestrian handicap accessible network.

JUSTIFICATION:

Currently many gaps in sidewalk exist throughout the City of Frederick along state highways. This project will work to connect sidewalks, upgrade existing sidewalk in to meet ADA requirements for handicap accessibility, and to create new pedestrian access to transit facilities.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	43.500	43.500	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	649.796	649.796	-	-	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	693.296	693.296	-	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	290.524	290.524	-	-	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	301.114	301.114	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	101.658	101.658	-	-	-	-	-	-
TOTAL REVENUES	693.296	693.296	-	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Sidewalk Retrofit
Fund 306 - General CIP

340102

CIP NUMBER: 340401

PROJECT NAME: New Traffic Signal Construction

PROJECT MANAGER: Deputy Director of Engineering

SCOPE:

This project will provide funding for new traffic signals as the need arises throughout the year. It will also upgrade existing signals detection, controllers, interconnect capability, and will provide battery backup at key locations. This project will also include safety improvements to address pedestrian deficiencies at intersections.

Anticipated upcoming projects may include the following:

- 7th St and Schley – pedestrian upgrades
- N. Market St and Wormans Mill Ct – signal design and construction
- 9TH St and East St. - Equipment Upgrades
- 7TH St and Fairview Ave - Equipment Upgrades; Pedestrian signals
- South Market St and Clarke Pl -Equipment Upgrades
- Rosemont Ave and 2ND St - Equipment Upgrades
- Patrick St and Catoctin Ave - Equipment Upgrades
- East St and 16th St – signal warrant study
- Center St at Madison Ave – utility pole relocates
- Center St at Washington St – utility pole relocates

JUSTIFICATION:

The objective of this project is to have funds available to construct new traffic signals and/or enhance existing signals should the City's Engineering or Public Works Departments determine the need. This provides the resources necessary for the City to respond promptly to traffic safety and efficiency issues that can be solved with new signals or improvements to existing signals and intersections.

This project is consistent with the 2010 City Comprehensive Plan Policies as follows: (1) LU 5 – Ensure that development is approved only if adequate community facilities exist; (2) TE 2 - Maintain an appropriate balance between public and private sector responsibilities for transportation investments and improvements; (3) TE 7 – Promote bicycle and pedestrian mobility; (4) TE9 - Direct the flow of truck traffic to those facilities that are most suitable and away from other routes and areas where through truck traffic is incompatible with adjacent land uses or may cause safety issues; and (5) CCDPolicy 6 - Promote safe, healthy, and attractive new construction

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	190.000	110.000	-	40.000	-	40.000	-	-
LAND/R.O.W.	5.000	5.000	-	-	-	-	-	-
UTILITIES	5.000	5.000	-	-	-	-	-	-
CONSTRUCTION	1,229.420	769.420	30.000	185.000	30.000	185.000	30.000	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	1,429.420	889.420	30.000	225.000	30.000	225.000	30.000	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	1,429.420	889.420	30.000	225.000	30.000	225.000	30.000	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	1,429.420	889.420	30.000	225.000	30.000	225.000	30.000	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

New Traffic Signal Construction

340401

Fund 306 - General CIP

CIP NUMBER: 340402

PROJECT NAME: Traffic Light Conversion - ARRA

PROJECT MANAGER: Deputy Director of Engineering

SCOPE:

This project will assist the City in reducing energy costs by replacing old incandescent light bulbs with light emitting diodes (LEDs) in traffic signals. There are currently 68 traffic signals to be replaced within the City's boundaries. All installation/labor will be completed by the City's Lighting Division with an expected completion date of one year after grant is received.

JUSTIFICATION:

The objective of this project is to reduce energy costs but will also add the following benefits:

- Traffic signals will work longer without failing. The typical led light will last from five to ten years while the incandescent light burns out at least once per year. This will reduce the City's maintenance costs as well as the price of incandescent bulbs.
- LED traffic signals are clearer, sharper and more distinct which creates a safer driving environment.
- This project is in compliance with the methodology provided in the Homeland Security Emergency Preparedness.
- All of the above factors are in compliance with the City's Comprehensive Plan.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	-	-	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	164.732	164.732	-	-	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	164.732	164.732	-	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	38.580	38.580	-	-	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	109.552	109.552	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	16.600	16.600	-	-	-	-	-	-
TOTAL REVENUES	164.732	164.732	-	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Traffic Light Conversion - ARRA

340402

Fund 306 - General CIP

CIP NUMBER: 380001

PROJECT NAME: Shared Use Path Plan Improvements

PROJECT MANAGER: Deputy Director of Parks and Recreation

SCOPE:

This project is to provide a 12' Shared Use Path throughout the entire City. The total miles of this project is 25.7 miles of which approximately 10 have been constructed. In this fiscal year, projects that will be funded through this project include:

- Shared Use Path connection design under US15 (MDOT Funds)
- Bicycle Sharing Feasibility Study (MDOT Funds)
- East Street Rails with Trails (MWCOG Funds)
- 7th Street Bike Lanes (MDOT Funds)
- Intercity Bike Loop – On-street (CDBG Funds)

JUSTIFICATION:

Elements contained in this project provide for ample alternative transportation resources; reducing on street automobile congestion, improving air quality, and allowing for a healthier populous in the City.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	40.000	40.000	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	2,305.009	865.009	1,200.000	120.000	120.000	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	2,345.009	905.009	1,200.000	120.000	120.000	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	1,730.009	350.009	1,200.000	90.000	90.000	-	-	-
DEBT ISSUE	80.000	80.000	-	-	-	-	-	-
SPECIAL ASSESSMENT	350.000	350.000	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	185.000	125.000	-	30.000	30.000	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	2,345.009	905.009	1,200.000	120.000	120.000	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Shared Use Path Improvements

380001

Fund 306 - General CIP

CIP NUMBER: 380006

PROJECT NAME: Way Finding Signage Program

PROJECT MANAGER: Director of Public Works

SCOPE:

The scope of this project will identify old signs to be removed, design a new consistent signage program in conjunction with the State's Tourism Area and Corridor Sign Program (TAC) program, and develop a plan to install and remove the signage in a coordinated effort in the downtown area.

JUSTIFICATION:

In the Fall of 2009 a new "gateway" into the City was opened from I-70 via East Street. The tourism center is located at a prominent location on East Street near the Transit Center and the new signage will provide for better service to the visitors and residents who are coming into the city.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	-	-	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	640.000	640.000	-	-	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	640.000	640.000	-	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	360.000	360.000	-	-	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	280.000	280.000	-	-	-	-	-	-
TOTAL REVENUES	640.000	640.000	-	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Wayfinding

Fund 306 - General CIP

380006

CIP NUMBER: 410001

PROJECT NAME: Carroll Creek Linear Park

PROJECT MANAGER: Deputy Director of Parks & Recreation

SCOPE:

To construct Carroll Creek Park improvements along the 1.3 mile long flood control corridor through historic Downtown Frederick using the appointed Carroll Creek Task Force, urban design and engineering consultants, and construction firms as follows:

- Schematic design, design development, and construction documents and specifications for the creekscape improvements along Carroll Creek Park including but not limited to lighting, landscaping, planters, furniture, pedestrian and bicycle facilities, street crosswalks, and water features, etc.
- Prepare Carroll Creek Park Overlay District Development Design Regulations for all properties along Carroll Creek Park and the adjacent properties on S. East Street. This will ensure the highest quality design, materials, character, function, and aesthetics of infill development as called for in the City Comprehensive Plan and small area plans - Carroll Creek Master Plan and Phase I East Street Corridor Plan. Construct public park improvements as called for in the 1991 Carroll Creek Master Plan (1991 CC Master Plan) and the 2003 Carroll Creek Park Schematic Design.

JUSTIFICATION:

The City of Frederick seeks “to complete a creekside park through historic Frederick, providing unique opportunities for commercial, residential, cultural and recreational development, enhancing the quality of life for the entire Frederick community (1991 CC Master Plan).” Recently completed public improvements along Carroll Creek in downtown Frederick include the first \$10.69 million phase of park, \$65 million flood control project, extension of East Street, construction of MARC station and rail service, renovation and expansion of the C. Burr Artz Library, and expansion of the Court House.

Private development of key opportunity sites along Carroll Creek Park and East Street together with construction of public park improvements along the length of the park is critical to bring the vision to fruition. The park improvements are to be completed through public and private participation. Private contributions from owners and developers of adjacent property are critical to the overall financing of the park improvements. The City has a unique opportunity to create a vital public space in downtown Frederick that is valued by and accessible to everyone in the community. Currently more than \$155 million in private investment is planned or underway along Carroll Creek Park. Public/private partnership to complete the park will provide development opportunities, create jobs and services and enhance the tax base of the City. It is estimated that more than 1,500 jobs will be created along the park.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	4,659.300	4,659.300	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	27,472.700	30,472.700	(3,000.000)	-	-	-	-	-
EQUIPMENT	137.000	137.000	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	32,269.000	35,269.000	(3,000.000)	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	250.000	250.000	-	-	-	-	-	-
DEBT ISSUE	21,829.421	21,829.421	-	-	-	-	-	-
SPECIAL ASSESSMENT	2,793.081	2,793.081	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	4,662.000	7,662.000	(3,000.000)	-	-	-	-	-
COUNTY GRANT	1,000.000	1,000.000	-	-	-	-	-	-
OTHER	1,734.498	1,734.498	-	-	-	-	-	-
TOTAL REVENUES	32,269.000	35,269.000	(3,000.000)	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Carroll Creek Linear Park
Fund 306 - General CIP

410001

Note: The State grant received for Phase II of this project was inadvertently recorded twice. The FY 14 adjustment corrects this error.

CIP NUMBER: 410007

PROJECT NAME: Riverside Center Park

PROJECT MANAGER: Deputy Director of Parks & Recreation

SCOPE:

This is a phased project for this existing park that will ultimately provide an access road and parking spaces as well as additional multi-use field space for activities. The park resides entirely in the 100-year flood plain so obtaining an environmental permit is a critical step in the design approval process.

New asphalt parking lot – 100 spaces, 7” pavement thickness

- Fill-in of existing borrow pit area (370,900 sf) and grade for new multi-purpose playing field use
- Reconfiguration of large existing storm water management outfall previously built by the Wal-Mart developer on northern side of the project to increase efficiency of pond outfall flow
- New pavilion 80’ long x 40’ wide (4” thick concrete floor, wood post support system) with 32 recessed lights.
- A standard multi-aged playground tot-lot that meets all playground safety standards.
- Install field lighting on 4 existing fields and new fields being built in this phase.

JUSTIFICATION:

This project serves two purposes. We can use the borrow pit / pond as a rubble fill, thus saving the landfill costs and when complete the new filled area can be used for ball fields, which are greatly needed. This is a perfect location - no residential area to disturb and the park provides plenty of parking.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	86.000	86.000	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	874.480	874.480	-	-	-	-	-	-
EQUIPMENT	610.050	-	-	610.050	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	1,570.530	960.480	-	610.050	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	610.050	-	-	610.050	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	843.000	843.000	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	117.480	117.480	-	-	-	-	-	-
TOTAL REVENUES	1,570.530	960.480	-	610.050	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Riverside Center Park
Fund 306 - General CIP

410007

CIP NUMBER: 410011

PROJECT NAME: Avalon Park

PROJECT MANAGER: Deputy Director of Parks & Recreation

SCOPE:

The scope of this project includes the design and construction of the following features in this park: 19-space parking lot with one handicapped space and one entrance/exit off of Waverly Drive; a multi-aged playground unit meeting all standard playground safety specifications; 750 linear feet of 4' path connecting all park features; two single table picnic pavilions; five lighted tennis courts with 8' high chain link fence for an estimated 510 linear feet and water fountains.

This park will serve as a tennis facility for the City. We have promised the community for the last eight years that we would build another tennis complex to help alleviate the heavy use of our courts at Baker Park. When you build courts in batteries of five or more (which is commonly recommended by the NRPA), this enables us to hold tennis tournaments and teach lessons at this site.

JUSTIFICATION:

Planned park for this community.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	30.000	-	-	30.000	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	354.000	-	-	354.000	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	384.000	-	-	384.000	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	-	-	-	-	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	384.000	-	-	384.000	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	384.000	-	-	384.000	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Commons of Avalon Park
Fund 306 - General CIP

410011

CIP NUMBER: 410017

PROJECT NAME: Clover Ridge Park

PROJECT MANAGER: Deputy Director of Parks & Recreation

SCOPE:

This approximate 30-acre park plan has been approved by the Parks & Recreation Commission. The design consists of two tot lots, open space, soccer field, little league field, 34-space parking lot and three small pavilions.

JUSTIFICATION:

Required parkland for Clover Ridge development.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	35.000	35.000	(35.000)	35.000	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	403.000	-	-	-	403.000	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	438.000	35.000	(35.000)	35.000	403.000	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	-	35.000	(35.000)	-	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	438.000	-	-	35.000	403.000	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	438.000	35.000	(35.000)	35.000	403.000	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Clover Ridge Park
Fund 306 - General CIP

410017

CIP NUMBER: 411202

PROJECT NAME: West Side Regional Park

PROJECT MANAGER: Deputy Director of Parks & Recreation

SCOPE:

The City of Frederick has purchased a large tract of land, 148 acres, on the west side of town to provide the following elements: numerous lighted sports fields, adequate parking, indoor aquatic center, water park and DPW Annex. There will be upgrades made to the Butterfly Lane / Route 180 intersection helping overall traffic flow. The first phase is for The City of Frederick is to develop the 35 acres that have been put into POS protection. These 35 acres are on the west side of the park and will consist of four multi-purpose fields and parking. The road frontage perk will be a future aquatic center.

The remaining acres of this parkland will be on hold until the current administration decides what would be the best use.

JUSTIFICATION:

The City has great neighborhood and community parks throughout the City, but there is a serious need for a large regional park to satisfy the need for the larger amount of youth and adult sport leagues and field space requests. The City, with a population of 60,000+, should also have an indoor aquatic center, which is the most requested facility from the citizens.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	626.581	576.581	50.000	-	-	-	-	-
LAND/R.O.W.	18,000.000	18,000.000	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	426.437	-	-	226.437	200.000	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	19,053.018	18,576.581	50.000	226.437	200.000	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	200.000	-	-	-	200.000	-	-	-
DEBT ISSUE	17,543.720	17,543.720	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	276.437	-	50.000	226.437	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	1,032.861	1,032.861	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	19,053.018	18,576.581	50.000	226.437	200.000	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

West Side Regional Park
Fund 306 - General CIP

411202

CIP NUMBER: 450102

PROJECT NAME: Grove Stadium Improvements

PROJECT MANAGER: Deputy Director of Operations

SCOPE:

On October 1, 2011, The City of Frederick entered into a 10-year lease with the Frederick Keys Club. As part of the lease agreement The City of Frederick and the Frederick Keys Club agreed to make joint capital improvements to the facility over the life of the lease agreement. The improvement projects are derived from the list of 2011 Proposed Capital Improvements to include:

- Marquee - FY14 (\$500,000)
A marquee elevates the profile of the stadium and any potential entity that purchases Harry Grove Stadium field naming rights. A marquee is a structural improvement that is a pivotal component to ensuring Harry Grove Stadium is capable of becoming a self-supported facility that can access an untapped revenue stream whose revenues can support critical facility improvements. The construction of a marquee will boost the visibility of Harry Grove Stadium and increase the revenue potential for this high profile facility on I-70.
- Visitors' Clubhouse HVAC - FY14 (\$10,000)
The HVAC system for the visiting team's clubhouse is not sized properly for the existing space and has exceeded its life span.
- Backstop Netting - FY14 (\$10,000)
The netting has exceeded its life span and is in need of replacement.

JUSTIFICATION:

This is a requirement of the 2011 lease with the Frederick Keys Club. The Frederick Keys Club agreed to contribute up to \$1 million throughout the term of the lease agreement with the City matching the Keys' Club contributions and therefore, all requirements must be negotiated up to the \$1,000,000 limit over the term of the lease. Negotiated improvements will be submitted as funding becomes available.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	800.000	800.000	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	4,145.000	3,300.000	-	500.000	225.000	120.000	-	-
EQUIPMENT	307.500	255.000	52.500	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	5,252.500	4,355.000	52.500	500.000	225.000	120.000	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	522.500	100.000	-	250.000	112.500	60.000	-	-
DEBT ISSUE	2,000.000	2,000.000	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	2,000.000	2,000.000	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	730.000	255.000	52.500	250.000	112.500	60.000	-	-
TOTAL REVENUES	5,252.500	4,355.000	52.500	500.000	225.000	120.000	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Grove Stadium Improvements

450102

Fund 306 - General CIP

CIP NUMBER: 480157

PROJECT NAME: Weinberg Center Lights and Sound

PROJECT MANAGER: Facilities Administrator

SCOPE:

The intent of this project is to upgrade the lighting at The Weinberg Center for the Arts as its lighting has reached its life expectancy and needs updating. The following lighting upgrades are requested:

- 10 Strand Lighting # 11341 SL Coolbeam Spotlight 36 Degree
- 10 Strand Lighting # 11331 SL Coolbeam Spotlight 26 Degree
- 10 Strand Lighting # 11321 SL Coolbeam Spotlight 19 Degree
- 6 VARI*LITE # 55.6840.001 Lamps

JUSTIFICATION:

Lighting:

The last major overhaul of the lighting system was in 2001. The average life of instruments is about 7 years and is estimated to be about 7 years. These instruments will replace many of the aging instruments in the stock while providing a “greener” footprint as the Weinberg Center starts moving towards LED lighting. The VARI-Lights are being requested by acts coming into the Weinberg Center and actually reduce the total number of instruments needed for a performance by being able to switch colors, patterns, focus and direction while being controlled by the light board. Estimated cost: \$105,000.00

Sound System:

All labor, cable, connectors, rigging will be supplied by installer. All must be of professional grade and all specified equipment installed to manufacturers specs.

All rack mounted gear will be installed within existing racks.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	-	-	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	180.000	180.000	-	-	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	180.000	180.000	-	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	90.000	90.000	-	-	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	90.000	90.000	-	-	-	-	-	-
TOTAL REVENUES	180.000	180.000	-	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE							
EXPENSE							
NET	-	-	-	-	-	-	-

Weinberg Center Lights and Sound

480157

Fund 306 - General CIP

CIP NUMBER: 310304

PROJECT NAME: Monocacy Boulevard - Central Section – Phase II

PROJECT MANAGER: Deputy Director of Engineering

SCOPE:

The design and construction of Monocacy Blvd Central Section which extends from Gas House Pike in the north to Hughes Ford Road in the south, including the design and construction of the bridge over Monocacy River, extension of Schifferstadt Blvd and East Church Street to connect with Monocacy Blvd., and the design and construction of the bridge over Carroll Creek. Monocacy Blvd in this section will be a four lane road with associated curb and gutter and sidewalks / bike paths. This project also includes completion of the Carroll Creek Flood Control Levee along Gas House Pike. Portions of the design/construction fronting the Nicodemus property shall be paid for by the property owner as stipulated in their annexation agreement. This project includes associated water and sewer infrastructure.

JUSTIFICATION:

This section of roadway will create an eastern loop for motorists to go around Frederick. It will relieve congestion in town and provide additional choices for motorists to travel without entering already congested arterials. The roadway will provide key relief needed for East Street as it begins to carry significantly more traffic in 2009 when the East Street extended project is complete along with the I-70 ramps to East Street.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	-	-	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	8,714.000	7,014.000	-	-	1,100.000	600.000	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	8,714.000	7,014.000	-	-	1,100.000	600.000	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	1,100.000	-	-	-	500.000	600.000	-	-
DEBT ISSUE	7,614.000	7,014.000	-	-	600.000	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	8,714.000	7,014.000	-	-	1,100.000	600.000	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Monocacy Blvd. - Central Section - Ph. II

310304WS

Fund 602 - Water and Sewer CIP

CIP NUMBER: 320015

PROJECT NAME: Butterfly Lane Improvements - Realignment

PROJECT MANAGER: Deputy Director of Engineering

SCOPE:

This project is for the design and construction and the relocation of a four-lane Butterfly Lane section through the Hargett Farm to tie in at Swallowtail Drive. The existing Butterfly Lane will terminate prior to MD180 via a cul-de-sac.

The Residences at Prospect Hill are anticipated to contribute funding toward this project.

JUSTIFICATION:

This project will enhance roadway operations and provide additional capacity along Butterfly Lane, and will greatly improve traffic issues along the MD 180 corridor by spacing the intersection of Butterfly Lane at MD 180 a greater distance from Himes Avenue.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	-	-	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	500.000	-	-	-	500.000	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	500.000	-	-	-	500.000	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	500.000	-	-	-	500.000	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	500.000	-	-	-	500.000	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Butterfly Lane Improvements

320015WS

Fund 602 - Water and Sewer CIP

CIP NUMBER: 360009

PROJECT NAME: Water Distribution Upgrades

PROJECT MANAGER: Deputy Director of Public Works - Operations

SCOPE:

This project will require the hiring of a design/builder to complete the City's Water distribution system improvements per the City's Water and Sewer Master Plan (Chester 2000 & Dayton-Knight 2006). The design-builder will complete the design and construct the water main improvements, provide traffic control, public information notices, permits, easements, permanent patching and/or mill-overlay and restoration of all work sites per City specifications. The work areas are to include:

- Relocate 10" mains across Hood College Property (FY14)
- Replace 10" main on N. Bentz from 7th to W. Patrick Street (FY14)
- Install 12" loop line from Md. 144 to Quinn Orchard to Tilco (complete loop) (FY15)
- Install 12" loop line from Waterside Drive (City Line) through County portion to Dearbought

JUSTIFICATION:

The above improvements are recommended in the Water Master Plans (Chester 2000 & Dayton-Knight 2006) and are necessary based on current hydraulic modeling of the City's water distribution system and best management practices.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	534.291	534.291	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	12,897.059	11,397.059	500.000	-	500.000	-	500.000	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	13,431.350	11,931.350	500.000	-	500.000	-	500.000	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	1,640.252	140.252	500.000	-	500.000	-	500.000	-
DEBT ISSUE	11,252.146	11,252.146	-	-	-	-	-	-
SPECIAL ASSESSMENT	535.735	535.735	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	3.217	3.217	-	-	-	-	-	-
TOTAL REVENUES	13,431.350	11,931.350	500.000	-	500.000	-	500.000	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Water Distribution Upgrades

360009

Fund 602 - Water and Sewer CIP

CIP NUMBER: 360011

PROJECT NAME: New Design Water Plant Expansion

PROJECT MANAGER: Deputy Director of Public Works - Operations

SCOPE:

The scope of this project includes City funding of a proportionate share of the design, easement acquisition and construction of County owned water supply infrastructures defined below. This project will allow the County to provide the City with 8 MGD Maximum potable water from the Potomac source as is defined by the Potomac River Water Supply Agreement (PRWSA) dated March 16, 2006.

Transmission Main: (est. completion 2011) The 42” transmission main (5 phases) will begin at the New Design Plant (capacity of 32MGD, 24 County/8 City), reducing to a 36” main near Frederick Junction, and extending to a proposed elevated tank and pump station near the County’s Fire Training Center. From the pump station, a 24” main will connect to the City’s water distribution system at Reich’s Ford Road. A SCADA controlled 12” bi-directional Magnetic Flow Meter will be located at the City limits. Appropriate chemical feed will be located near the connection. The County is managing this project, with technical input from the City.

WTP Expansion: (FY 2005-2010) This is anticipated to provide a capacity of 8 MGD to the City. This capacity will be provided in a phased approach, which will be determined by the County.

City/County High Zone Connection: Includes a 16” water main between the County’s Hannover Tank and the City’s Butterfly Lane Tank. Approximately 9, 500 linear feet of pipeline, along with associated water meter, SCADA, valves, hydrants and fittings. This project will be cost shared with the County, however the cost share formula has not been established. This connection is needed to transfer water from the Potomac Source directly to the City High Zone, and recommended in a Hydraulic Memo prepared by WRA, dated June 13, 2003.

JUSTIFICATION:

As outlined in The City of Frederick Comprehensive Plan (2004), the City has adopted an “Expanding Horizon” growth scenario, one in which the population of the City is anticipated to double to 104,000 by the year 2030. Current water supplies are not sufficient to meet this level of growth. This was exacerbated by the drought conditions of 2002. Partnering with the County on this project ensures the City an adequate supply of potable water for the foreseeable future.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	1,835.000	1,835.000	-	-	-	-	-	-
LAND/R.O.W.	715.000	715.000	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	49,700.000	49,700.000	-	-	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	52,250.000	52,250.000	-	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	500.000	500.000	-	-	-	-	-	-
DEBT ISSUE	51,750.000	51,750.000	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	52,250.000	52,250.000	-	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

New Design Water Treatment Plant

360011

Fund 602 - Water and Sewer CIP

CIP NUMBER: 360015

PROJECT NAME: North Side Water Tank

PROJECT MANAGER: Deputy Director of Engineering

SCOPE:

This project requires that land be acquired, a design be produced and a contractor be hired for the construction of 1,500,000 Gallon steel, above ground, potable water storage tank, SCADA controls and approximately 1500 linear feet of 20” transmission main to connect to a 20” water main at Valley Side Drive and Amber Drive (assuming Hayward Road BOE site). The design must contain all permits (MDE, local building, air traffic, electrical and all others that are necessary to the project) and must contain traffic control plans, public notification plans, staging, shipping, crane lift process and all construction procedures to produce a finished working product that meets the City of Frederick operations and engineering standards per the timeline established in the most recent Water Master Plan.

JUSTIFICATION:

This project has been hydraulically modeled and is recommended in the 2006 Dayton-Knight Water Master Plan and has been recommended in the 2000 Chester Water/Sewer Master Plan as well.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	300.000	150.000	150.000	-	-	-	-	-
LAND/R.O.W.	430.000	1,000.000	(570.000)	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	3,070.000	-	3,070.000	-	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	3,800.000	1,150.000	2,650.000	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	2,800.000	150.000	2,650.000	-	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	1,000.000	1,000.000	-	-	-	-	-	-
TOTAL REVENUES	3,800.000	1,150.000	2,650.000	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

North Side Water Tank
Fund 602 - Water and Sewer CIP

360015

NUMBER: 360018

PROJECT NAME: Water Loss Reduction

PROJECT MANAGER: Assistant Deputy Director of Public Works - Operations

SCOPE:

This project is an annual and ongoing two-phase project. Phase I will be a completion (and ongoing) of a study of The City of Frederick water distribution system to identify the parts of this system that either are or have a high probability of losing water through leaks. The study will provide recommendations for corrective actions, cost estimates and prioritization. Phase II will implement the corrections based on the annual level of funding. This will include, but not be limited to, replacement of main, services, metering, leak detection, etc. The entire City distribution system will be part of this project. Specifically:

- Dill Avenue: replace and extend to Upper College Terrace (FY13)
- Carrollton Area Cul-de-Sac replacements (FY13)
- Rosemont: move services on 4" to 6" and de-commission 4" main (FY13)
- N. Jefferson St. from W. Patrick to Carroll Parkway
- Replace galvanized line on B&O Avenue
- Abandon line in rear of 300, 302, 304 E. 3rd and install new service lines from street to houses

JUSTIFICATION:

When this annual program started in 2004 DPW estimated that up to 21% of its treated water was lost through leaks. A goal of 10% has been established by MDE and adopted as part of the City's Strategic Interim Water Management Plan Policy D-2, consistent with Comprehensive Plan Objectives 8 – 11, and the Chester Water and Sewer Master Plan. Currently we are averaging approximately 5 1/5% unaccounted for water.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	1,119.275	819.275	300.000	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	14,046.000	5,346.000	700.000	2,000.000	2,000.000	2,000.000	2,000.000	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	15,165.275	6,165.275	1,000.000	2,000.000	2,000.000	2,000.000	2,000.000	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	10,000.000	1,000.000	1,000.000	2,000.000	2,000.000	2,000.000	2,000.000	-
DEBT ISSUE	5,165.275	5,165.275	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	15,165.275	6,165.275	1,000.000	2,000.000	2,000.000	2,000.000	2,000.000	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE							
EXPENSE							
NET	0						

Water Loss Reduction
Fund 602 - Water and Sewer CIP

360018

CIP NUMBER: 360022

PROJECT NAME: Water Resource Project

PROJECT MANAGER: Deputy Director of Public Works - Operations

SCOPE:

Develop new permanent water sources for The City of Frederick potable supply system in order to increase or obtain additional water supply. Construct new water supply infrastructure needed to supplement the City's existing sources of the supply during the next two to five years. These sources consist of new production wells, surface water intake structure modifications, treatment modifications or expansions, pipelines or other infrastructure which may be necessary to integrate these new sources of supply into the water distribution system. Several components have already been constructed.

The projects include:

- Comparison of permanently installing the Zenon WTP at the Monocacy Treatment site to treat groundwater versus modifying the Monocacy WTP to allow treatment in the existing plant. (Completed Study-WATEK-2008)
- Locate, identify and abandon existing wells at various locations in the City. (Completed FY09)
- Develop the high producing well (TW-1) in the vicinity of the airport. (As Budget Allows)
- Design Modifications to existing Monocacy WTP to treat well field water blended with Monocacy River water. (FY 10/FY12)
- Construct the designed modifications to the MWTP (FY14/15)

JUSTIFICATION:

Current water supplies are not sufficient to meet the level of growth as projected and adopted in the 2004 Comprehensive Plan. This was exacerbated by the drought conditions of 2002. This project is part of an ongoing effort to identify and develop new water sources for the City.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	2,594.374	2,094.374	500.000	-	-	-	-	-
LAND/R.O.W.	86.030	86.030	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	7,813.374	2,813.374	-	5,000.000	-	-	-	-
EQUIPMENT	35.991	35.991	-	-	-	-	-	-
MISCELLANEOUS	73.391	73.391	-	-	-	-	-	-
TOTAL EXPENDITURES	10,603.160	5,103.160	500.000	5,000.000	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	500.000	-	500.000	-	-	-	-	-
DEBT ISSUE	9,973.255	4,973.255	-	5,000.000	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	15.266	15.266	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	114.639	114.639	-	-	-	-	-	-
TOTAL REVENUES	10,603.160	5,103.160	500.000	5,000.000	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Water Resource Project
Fund 602 - Water and Sewer CIP

360022

CIP NUMBER: 360023

PROJECT NAME: Ballenger Creek Interconnect (Phase II)

PROJECT MANAGER: Deputy Director of Public Works - Operations

SCOPE:

Phase I (Completed January 2010):

Design and construction of approximately 2,200 feet of 24-inch water transmission main and associated chemical enhancement facility to allow the transfer of 2.0 to 4.0 million gallons per day (MGD) of potable water from Frederick County water system to Frederick City water distribution system by October 2008 as planned in the Optimization phase of the New Design Water Plant Expansion Project – CIP 360011. Total system constructed to transfer and treat 1.5 MGD initially and 5.0 MGD (8 MGD Maximum) in future.

Phase II:

Evaluate, design and install additional pumps, pump controls and SCADA system to meet the operating requirements of the County's water distribution system as identified in the Potomac River Water Supply Agreement (PRWSA) dated March 16, 2006.

JUSTIFICATION:

As outlined in the City of Frederick Comprehensive Plan (2004), the City adopted an "Expanding Horizon" growth scenario in which the population of the City was anticipated to double to 104,000 by the year 2030. This CIP was generated to ensure growth does not outstrip current and future water supplies.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	246.000	221.000	25.000	-	-	-	-	-
LAND/R.O.W.	100.000	100.000	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	2,351.483	2,051.483	-	300.000	-	-	-	-
EQUIPMENT	6.000	6.000	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	2,703.483	2,378.483	25.000	300.000	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	343.925	18.925	25.000	300.000	-	-	-	-
DEBT ISSUE	2,359.558	2,359.558	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	2,703.483	2,378.483	25.000	300.000	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Ballenger Creek Interconnect

360023

Fund 602 - Water and Sewer CIP

CIP NUMBER: 360025
PROJECT NAME: Water and Sewer Security
PROJECT MANAGER: Superintendent of Water Treatment

SCOPE:

To determine and implement security improvements to the City of Frederick water and sewer systems based on the recommendations of the 2003 Environmental Protection Agency's (EPA) required Vulnerability Assessment (VA) of the City of Frederick's Water and Waste Water Treatment Plants (WTP/WWTP). The plan is to identify new improvements within the criteria of the VA.

At a minimum, this project will require:

- The study of what type of WTP/WWTP security measures will be needed (FY04 and on-going)
- The development of specifications to prepare a bid for a security product and its installation
- The selection of a contractor to install/purchase the security product and obtain a Frederick County Building and Soil Erosion Permit, if applicable
- Installation of the security product.

FY14 (Anticipated Work)

- Relocate the fence and gate opener
- Install tank-mounted regulators on each chlorine cylinder at the Monocacy WTP.

JUSTIFICATION:

This project is consistent with and supported by the 2004 City Comprehensive Plan Policy CF.3 (enhance public safety and emergency preparedness) and Policy CF.5- (provide a safe and efficient water and sewer service to protect the health, growth and well-being of The City of Frederick).

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	-	-	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	220.000	220.000	-	-	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	220.000	220.000	-	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	100.000	220.000	(120.000)	-	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	120.000	-	120.000	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	220.000	220.000	-	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Water and Sewer Security

360025

Fund 602 - Water and Sewer CIP

CIP NUMBER: 360029

PROJECT NAME: Bowers-Whittier-Bowman Connector Pipelines

PROJECT MANAGER: Deputy Director of Public Works – Operations

SCOPE:

The intent of this project is to:

- Design and construction of approximately 15,000 feet of 16-inch water transmission main along Bowers Road and Kemp Lane to connect the Bowers and Whittier storage tanks. To include acquisition of all necessary permits and easements (*Completed in 2011*).
- Design-build and construction of approximately 1,200 feet of 12 inch transmission connection loop to the Linganore Transmission Main. This project is to include the acquisition of all necessary permits and easements (*Completed in 2010*).
- Design and construct the necessary SCADA (Supervise Control and Data Acquisition) system to operationally tie these tanks together and determine a list of priorities to upgrade the associated pump stations.

JUSTIFICATION:

The tank connector pipeline is necessary to provide redundancy and operational backup to the Whittier storage tank in the event of operational difficulties. If the Whittier tank becomes non-operational for any reason, there is no back up for supply in the area. This is particularly important for future development expected in the 595 high zone. The Bowman's connector pipeline provides a transmission loop to the Linganore transmission main. Both of these projects are recommended in the 2006 Water Master Plan by Dayton & Knight.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	-	-	-	-	-	-	-	-
LAND/R.O.W.	5.690	5.690	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	4,480.498	4,480.498	-	-	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	0.594	0.594	-	-	-	-	-	-
TOTAL EXPENDITURES	4,486.782	4,486.782	-	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	76.000	76.000	-	-	-	-	-	-
DEBT ISSUE	4,410.782	4,410.782	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	4,486.782	4,486.782	-	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Bowers/Whittier Connector Pipeline

360029

Fund 602 - Water and Sewer CIP

CIP NUMBER: 360031

PROJECT NAME: Fishing Creek Pipeline

PROJECT MANAGER: Deputy Director of Public Works – Operations

SCOPE:

This project provides for constructing approximately 31,700 feet of 18-inch water main from the Fishing Creek Reservoir to the Lester Dingle Treatment Plant. The water main is intended to replace the existing pipeline between the reservoir and the plant. Project Phasing is discussed below.

- Identify ownership of easements; locate main w/GPS Technology. (Completed by FY 2010)
- Engineering- preliminary design (FY2011)
- Obtain access rights of way and easements, engineering. (FY 2013)
- Clear easement and pipeline alignment, construct pipeline. (FY 2014 – FY 2015)
- Construct Pipeline (FY 2016 +)

JUSTIFICATION:

The existing pipeline is a 12-inch/18-inch diameter, lead-jointed cast iron pipe constructed in around 1899. The pipe is exposed in areas, corroded and subject to leakage and/or damage due to its original placement and alignment. Replacement will provide for a more dependable source of water from the reservoir. This project was recommended in the 2006 update to the Water Master Plan by Dayton & Knight Ltd.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	125.000	125.000	-	-	-	-	-	-
LAND/R.O.W.	155.000	155.000	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	13,300.000	800.000	-	12,500.000	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	13,580.000	1,080.000	-	12,500.000	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	1,080.000	1,080.000	-	-	-	-	-	-
DEBT ISSUE	12,500.000	-	-	12,500.000	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	13,580.000	1,080.000	-	12,500.000	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Fishing Creek Pipeline
Fund 602 - Water and Sewer CIP

360031

CIP NUMBER: 360032

PROJECT NAME: SCADA System

PROJECT MANAGER: Superintendent of Water & Sewer Facilities Maintenance

SCOPE:

To make all necessary improvements to the existing SCADA (Supervisory Control and Data Acquisition) System that will enhance the operability, security, and management of our water treatment and distribution/collection system. The work anticipated will address communications infrastructure, hardware replacements/modifications, new I/O devices for additional monitoring, control, and security, adding HMI (Human Machine Interface) clients to management areas, etc. In some cases, these activities will be coordinated with improvements or construction of new facilities as determined by each individual project. The initial phase includes the hiring of a consultant to develop a “basis for design” report. A prioritized list of improvements will then be developed. The design and construction of the improvements then will follow. The basis for design documents may be developed in-house due to associated project timelines.

FY14 – FY15 (Anticipated Work)

- Miscellaneous items that may be necessary to accommodate other planned improvements (i.e. new water storage tank at north end of City).
- Finish ongoing work related to the network and work at the wastewater plant, water plants, and golf course.
- Replacement of the Bristol Babcock RTU at our Linganore Water Plant with a new PLC.
- Replacement of the Bristol Babcock RTU at our Monocacy Water Plant with a new PLC.
- Monarch Ridge Pump Station: Once control panel is replaced, add this site to radio network and include operation data to the SCADA system
- Tilco Drive Pump Station: Add PLC hardware to control panel; add this site to radio network and include operation data to the SCADA system
- Amber Meadows Pump Station: Add this site to the radio network and include operation data to the SCADA system
- DPW Pump Station: Once the control panel is replaced, add this site to the radio network and include operation data to the SCADA system

JUSTIFICATION:

The existing SCADA System is substandard when considering available technology and expectations with regard to operability and security. The improvements indicated in the scope are pursuant to the recommendations in the current “Water Master Plan” and will improve our ability to treat and deliver quality water to the citizens of the City of Frederick: Public safety and health is the primary goal.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	100.000	100.000	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	400.000	400.000	-	-	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	500.000	500.000	-	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	500.000	500.000	-	-	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	500.000	500.000	-	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

SCADA System

360032

Fund 602 - Water and Sewer CIP

CIP NUMBER: 360034

PROJECT NAME: Butterfly Lane Water Tank: Lead Abatement

PROJECT MANAGER: Assistant Deputy Director of Public Works - Operations

SCOPE:

In order to meet OSHA and MOSHA requirements, scope of this work would include the provision for hiring an engineer to evaluate and conduct lead abatement procedures to both exterior and interior of the Butterfly Lane Water Tank. The work may also include upgrade to worn pump and pump controls.

JUSTIFICATION:

This work is needed in order to keep potable drinking water from being contaminated by lead leaching from original paint on the inside of this water tank and in order to remove hazardous lead paint from the exterior.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	200.000	-	200.000	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	1,000.000	-	-	1,000.000	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	1,200.000	-	200.000	1,000.000	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	1,200.000	-	200.000	1,000.000	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	1,200.000	-	200.000	1,000.000	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Butterfly Lane Water Tank: Lead Abatement

360034

Fund 602 - Water and Sewer CIP

CIP NUMBER: 360601
PROJECT NAME: Watershed Land Acquisition
PROJECT MANAGER: Deputy Director of Public Works - Operations

SCOPE:

This project funds the annual acquisition of available property within The City of Frederick watershed as land becomes available to purchase.

JUSTIFICATION:

Not all properties within the City watershed are owned by the City. Various properties located within the watershed directly affect the City's water quality because of their location. The City pursues the acquisition of these properties as they become available to purchase.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	59.006	59.006	-	-	-	-	-	-
LAND/R.O.W.	673.621	673.621	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	28.547	28.547	-	-	-	-	-	-
EQUIPMENT	0.941	0.941	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	762.115	762.115	-	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	381.878	381.878	-	-	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	380.237	380.237	-	-	-	-	-	-
TOTAL REVENUES	762.115	762.115	-	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Watershed Land Acquisition

360601

602 - Water & Sewer Fund

CIP NUMBER: 370007

PROJECT NAME: Wastewater Flowmeter Replacement

PROJECT MANAGER: Deputy Director of Public Works – Operations

SCOPE:

A jointly purchased comprehensive sewer basin study will be necessary to determine ultimate flow ownership between the City and County. In addition, replacement of the existing, Parshall Flume flow meter on the Monocacy By-pass Sewer Interceptor (near the Monocacy Water Treatment Plant) and install new, permanent flow measuring devices with telemetry capability at other critical points in the wastewater collection system will be necessary.

The Monocacy By-pass Interceptor receives wastewater from City & County developments. The Parshall Flume metering flows in this interceptor needs to be replaced due to age and because it is undersized for current flows. Portable meters currently measure flows in the four trunk lines into the Gas House Pike Waste Water Treatment Plant. Permanent meters will be installed at each location.

Additional, permanently installed flow meters are necessary at other critical junctions to differentiate between City and County flow contributions and for inflow/infiltration analysis. Proposed locations include the following connections into the Tuscarora Interceptor/Monocacy By-pass:

- Dearbought @ manhole DB45
- Routzahn's @ manhole MI 26
- Riverside Center @ manhole 1475
- Shops at Monocacy @ manhole MP3
- Worman's Mill @ manhole WM2
- Worman's Mill @ manhole 1236
- Worman's Mill @ manhole TK19
- Willowbrook @ manhole WB1
- North Crossing @ TBD

JUSTIFICATION:

This project is required to accurately account for flows that are introduced into the Monocacy Bypass Sewer Interceptor. The upgrade of the meters is per the Sewer Agreement with the County.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	250.000	250.000	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	690.000	490.000	200.000	-	-	-	-	-
EQUIPMENT	130.000	130.000	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	1,070.000	870.000	200.000	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	1,070.000	870.000	200.000	-	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	1,070.000	870.000	200.000	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Wastewater Flowmeter Replacement

370007

Fund 602 - Water and Sewer CIP

CIP NUMBER: 370008

PROJECT NAME: Gas House Pike WWTP Expansion & Improvements

PROJECT MANAGER: Deputy Director of Public Works - Operations

SCOPE:

This project provides for the installation of The City of Fredericks' Wastewater Treatment Plant improvements that are recommended in the 2004 Malcolm-Pirnie Wastewater Treatment Expansion Study (MPWWTPS) and the 2010 Whitman-Requardt Facilities Plan.

The improvements include: a) Solids Building Mixing System, b) Influent pump station modernization; c) Sand filter building flow increases; and d) Grit separation process upgrades.

At a minimum the project deliverables will include: 1)Determination of the priority of the MPWWTPS's recommendations ; 2)Development of a project plan; 3)Development of Specifications for the selection of a design consultant/construction management vendor; 4)Selection of the design/construction management consultant; 5)A design specification/bid package for the improvements with Maryland Department of the Environment permit; 6)The selection of a contractor to install improvements; 7)Completion of the work.

This project will combine with and replace CIP # 370601 WWTP Pump Station Upgrade.

JUSTIFICATION:

These projects are recommended in the 2004 MPWWTP, WRA-Facilities Plan 2-2010 and required to meet conditions of MDE ENR (Enhanced Nutrient Removal) Program.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	815.922	815.922	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	9,057.221	9,057.221	-	-	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	20.000	20.000	-	-	-	-	-	-
TOTAL EXPENDITURES	9,893.143	9,893.143	-	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	197.421	197.421	-	-	-	-	-	-
DEBT ISSUE	9,680.228	9,680.228	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	15.494	15.494	-	-	-	-	-	-
TOTAL REVENUES	9,893.143	9,893.143	-	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Gas House Pk. WWTP Expansion & Imp'ts.

370008

Fund 602 - Water and Sewer CIP

CIP NUMBER: 370009

PROJECT NAME: Ballenger-McKinney Wastewater Plant Expansion

PROJECT MANAGER: Deputy Director of Public Works - Operations

SCOPE:

The scope of this project includes City funding of a proportionate share per the 1990 Monocacy Interceptor Sewer Capital Funding Agreement (MISCFA) with Frederick County for the design, easement acquisition and construction of County-owned wastewater treatment infrastructures defined below. This project will allow the County to provide the City with 3 MGD Maximum sewer capacity from the upgraded Ballenger-McKinney Wastewater Treatment Plant as is defined by the MISCFA. Total project cost is estimated at \$160M(\$41M MDE Grant + \$21M City + \$98M County).

Gas House Pike WWTP Equalization Basin Expansion: (Completed ~1995) This is anticipated to provide for flow through capacity of 6.5 MGD.

Collection System Mains Upgrade: (est. completion 2015) The various sized collection mains (4 phases) will begin at the Gas House Pike Plant Equalization Basin and tie to the Linganore Creek Main and eventually to the Ballenger Creek Plant. The mains will be sized appropriately for the increased flows that are contributed along the alignment. The County is managing this project, with technical input from the City.

Ballenger Creek WWTP Expansion and Potomac Outfall: (FY 2011-2018) This is anticipated to provide a capacity of ~3 MGD to the City. This capacity will be provided in a phased approach, which will be determined by the County.

JUSTIFICATION:

As outlined in the MISCFA, the City-owned Gas House Pike Treatment sewer capacity is not sufficient to meet the anticipated City growth. Partnering with the County on this project will be required under any growth scenario for the City.

The City's Gas House Pike Plant is currently undergoing analysis to determine if any expansion is feasible. The results of this analysis will determine how much wastewater capacity the City will need to obtain from the Ballenger-McKinney Plant.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	-	-	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	17,483.000	17,483.000	-	-	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	17,483.000	17,483.000	-	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	-	-	-	-	-	-	-	-
DEBT ISSUE	17,186.895	17,186.895	-	-	-	-	-	-
SPECIAL ASSESSMENT	296.105	296.105	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	17,483.000	17,483.000	-	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Ballenger-McKinney WWTP

370009

Fund 602 - Water and Sewer CIP

CIP NUMBER: 370010

PROJECT NAME: Gas House Pike WWTP Solids Processing Rehab

PROJECT MANAGER: Deputy Director of Public Works - Operations

SCOPE:

Design and then construct improvements to the Solids Handling and Gas Recovery System. Utilize Green Technology to harvest methane and re-use energy for plant process. The project provides for the design and installation of the following:

- Primary Digester #1 cover replacement
- Secondary Digester conversion to Primary Digestion; making it Primary Digester #2
- Primary Digester #2 cover replacement
- Primary Digester #2 mixing system installation
- Primary Digester #2 solids recirculation pump and controls
- Primary Digester #2 heat exchanger installation
- New Digester feed controls
- New Co-generation system

JUSTIFICATION:

The current Solids Handling System failed and increased the City's landfill cost.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	586.931	586.931	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	5,430.952	5,430.952	-	-	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	6,017.883	6,017.883	-	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	-	-	-	-	-	-	-	-
DEBT ISSUE	3,029.270	3,029.270	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	2,988.613	2,988.613	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	6,017.883	6,017.883	-	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	-	-	-	-	-	-

Gas House Pike WWTP Solids Processing Rehab

370010

Fund 602 - Water and Sewer CIP

CIP NUMBER: 370011

PROJECT NAME: Gas House Pike WWTP ENR Upgrade

PROJECT MANAGER: Deputy Director of Public Works - Operations

SCOPE:

The proposed project will upgrade the City of Frederick's Gas House Pike WWTP to meet Enhanced Nutrient Removal (ENR) standards for nitrogen and phosphorus at the current rated plant capacity of 8.0 MGD in accordance with the effluent limits stated in State Discharge Permit 06-DP-0801A.

The project includes the following major components:

- Fine Screen Facility Modifications
- Grit Removal Facility Modifications
- Bioreactor Modifications
- Bio-Augmentation Reactor Facility
- De-Nitrification Filters and Pump Station
- UV Disinfection Modifications
- Effluent Flow Meter Modifications
- Basin 4 Sewer Modifications
- SCADA Modifications
- Site Electrical
- Waste Sludge Thickening Systems Upgrade
- Influent Pump Station Facility Modifications
- Flow Equalization and Primary Clarifier Modifications
- Blower Modifications
- Chemical Facility Modifications
- Methanol Feed Facilities
- Post Aeration Modifications
- Diesel Generators
- Administration Building Modifications
- Site Civil Work
- Dewatering Systems Upgrade

Design of this project is currently underway with completion of approved plans and construction specifications ready for bid projected by spring of 2014. Construction of the improvements is anticipated to begin in the fall of 2014 with completion date by January 1, 2017 in order to meet ENR requirement mandates set by the EPA.

JUSTIFICATION:

This work is required for the Gas House Pike WWTP in order to meet compliance of Enhanced Nutrient Removal (ENR) mandates from EPA by January 1, 2017.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	9,473.620	9,473.620	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	47,368.100	47,368.100	-	-	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	56,841.720	56,841.720	-	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	-	-	-	-	-	-	-	-
DEBT ISSUE	33,279.416	33,279.416	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	23,562.304	23,562.304	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	56,841.720	56,841.720	-	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE							
EXPENSE							
NET		-	-	-	-	-	-

Gas House Pike WWTP - ENR Upgrade

370011

Fund 602 - Water and Sewer CIP

CIP NUMBER: 370300

PROJECT NAME: Inflow and Infiltration Reduction

PROJECT MANAGER: Deputy Director of Public Works - Operations

SCOPE:

The intent of this multi-year project is to provide deliverables (equipment, rehabilitation, repairs or new technology) that will reduce inflow and infiltration to The City of Frederick's Sanitary Sewer System.

FY13: Areas targeted for relining (listed in order of priority):

1. Approximately 2300LF of relining within Golfview Area (7 runs 1225') Basin 2-31; Old Farm Area (5 runs 1065') Basin 2-47A
2. Approximately 2260 LF of relining within Hillcrest Area (11 runs 2260') Basins 2-30 B, 2-28A, 2-35A, 2-37A,&2-39A
3. Approximately 2330 LF of relining within Peters Lane, (2 runs 774')Basin 1-6C 14th Street (4 runs 1330') Basin 1-6C; East Patrick Street (1 run327') Basin 2-3A
4. Approximately 2330 LF of relining within Carroll Parkway Area (10 runs) Basin 2-17A,2-18A 2-19A,& 2-26A

FY14: Areas anticipated for study and making repairs to sewage collection system components:

1. Approximately 2000 LF of relining within: Amber Meadows (2 runs 750') Basin 3-1D, Rosemont Ave Area (3 runs 1300') Basin 2-45
2. Approximately 1300 LF of relining within: Carrollton Ave Area (5 runs) Basin 2-24A
3. The Carroll Creek Interceptor from Bentz Street to the West ~ 10,000 linear feet to include the western branch draining the Hargett Farm Area
4. The Monocacy Interceptor from the WTP south ~ 2,000.

There may be a few isolated “hot-spots” that would require an immediate fix and are not identified at the printing of this manual. In addition, there are infrequent upgrades to software and new technologies that will need to be purchased from this project.

JUSTIFICATION:

Sanitary sewer collection systems maintenance and operations best management practices require periodic improvements to the system to reduce inflow/infiltration of ground water that does not need to be processed through the wastewater treatment plant. This ongoing CIP project provides a funding source for new technology purchases and targets locations that are determined to contribute to the I/I problem.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	512.000	512.000	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	5,079.837	4,579.837	500.000	-	-	-	-	-
EQUIPMENT	465.000	465.000	-	-	-	-	-	-
MISCELLANEOUS	35.000	35.000	-	-	-	-	-	-
TOTAL EXPENDITURES	6,091.837	5,591.837	500.000	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	2,073.267	1,573.267	500.000	-	-	-	-	-
DEBT ISSUE	1,950.000	1,950.000	-	-	-	-	-	-
SPECIAL ASSESSMENT	1,955.000	1,955.000	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	100.000	100.000	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	13.570	13.570	-	-	-	-	-	-
TOTAL REVENUES	6,091.837	5,591.837	500.000	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Inflow and Infiltration Reduction

370300

Fund 602 - Water and Sewer CIP

CIP NUMBER: 380051

PROJECT NAME: FAA Part 77

PROJECT MANAGER: Airport Manager

SCOPE:

The scope of this project is to acquire easements over 11 properties in the Tulip Hill Subdivision, and to trim/remove trees that penetrate the 34:1 approach surface for Runway 5, as identified in the 1999 Obstruction Removal Program. The Airport has procured the services of a property acquisition specialist to obtain easements from each of these 11 property owners to allow for removal of these trees. This project will be funded through the FAA and the MAA. To date, seven of eleven easements have been acquired.

JUSTIFICATION:

1999 Obstruction Removal Plan identified these properties as a penetration of the 34:1 approach surface of RW5.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	-	-	-	-	-	-	-	-
LAND/R.O.W.	656.000	656.000	-	-	-	-	-	-
UTILITIES	200.000	200.000	-	-	-	-	-	-
CONSTRUCTION	-	-	-	-	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	856.000	856.000	-	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	12.000	12.000	-	-	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	813.000	813.000	-	-	-	-	-	-
STATE GRANT	20.000	20.000	-	-	-	-	-	-
COUNTY GRANT	11.000	11.000	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	856.000	856.000	-	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

FAA Part 77
Fund 307 - Airport CIP

380051

CIP NUMBER: 380054

PROJECT NAME: Airport Property Acquisitions

PROJECT MANAGER: Airport Manager

SCOPE:

The scope of this project is to purchase the following properties to remove obstructions that are within the Runway 5 Object Free Area (ROFA) and/or the Runway

5 Runway Protection Zone (RPZ):

- Parcel A1, Gage, also known as Rexel Electric (formerly Commerce Electric), 2.0 acres of land and a structure that will be demolished in the future.
- Parcel A2, Bees property, known as United Products, 2.87 acres of land and a structure that will be demolished in the future.
- Parcel A3, Breen Commons, 2.26 acres of land and a structure that will be demolished in the future.
- Parcel A4, Great Eastern Concrete, 0.85 acres of land and a structure that will be demolished in the future.
- Parcel A5, Colonial Bus, also known as Heritage Management, 2 acres of land and a structure that will be demolished in the future.
- Parcel A39, Vershel (M&RR), 1.54 acres of land and a structure that will be demolished in the future.
- Parcel A38, Bartgis Property, 0.448 acres of land with no structures.

All properties under this CIP have been acquired. We are awaiting FAA reimbursement for Parcel A4.

JUSTIFICATION:

2001 Bailes Lane Re-Use plan identified these structures to be removed because they are located within the object free area and runway protection zone.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	-	-	-	-	-	-	-	-
LAND/R.O.W.	17,114.000	17,114.000	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	-	-	-	-	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	17,114.000	17,114.000	-	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	1,263.000	1,263.000	-	-	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	15,250.000	15,250.000	-	-	-	-	-	-
STATE GRANT	401.000	401.000	-	-	-	-	-	-
COUNTY GRANT	200.000	200.000	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	17,114.000	17,114.000	-	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Airport Property Acquisitions

380054

Fund 307 - Airport CIP

CIP NUMBER: 380062

PROJECT NAME: Property Acquisition - Bowman's Farm

PROJECT MANAGER: Airport Manager

SCOPE:

The Bowman Farm property acquisition plan is to secure approximately 34 acres of land for the future expansion of the airport. The property involved is lot 15 of the Frederick Airport Park, located at the north end of Bowman's Farm Road. Once the 34-acre tract is acquired, the Airport will be better positioned for future needed expansion in accordance with the 1999 Airport Master Plan for east side development over the next decade. An Environmental Assessment will be performed for the purchase of the property. Until an FAA reimbursement is obtained, the City will have to provide interim financing to purchase this property. When funding is available, the Airport will request reimbursement from the FAA for the purchase price of this property.

JUSTIFICATION:

This property acquisition allows for a place card for future development on the east side of the airport.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	-	-	-	-	-	-	-	-
LAND/R.O.W.	5,550.000	5,550.000	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	-	-	-	-	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	5,550.000	5,550.000	-	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	71.000	71.000	-	-	-	-	-	-
DEBT ISSUE	275.875	275.875	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	4,995.000	4,995.000	-	-	-	-	-	-
STATE GRANT	138.750	138.750	-	-	-	-	-	-
COUNTY GRANT	69.375	69.375	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	5,550.000	5,550.000	-	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Property Acquisition - Bowman's Farm

380062

Fund 307 - Airport CIP

CIP NUMBER: 380064

PROJECT NAME: Acquire Toms Property Easements

PROJECT MANAGER: Airport Manager

SCOPE:

The Tom's Farm Property is located in the approach path to Runway 23. The property currently has a multitude of controlling obstructions including trees, silos and buildings. The purpose of this scope is to acquire avigation easement on the 135 acres.

JUSTIFICATION:

The 2008 Master Plan calls for this acquisition in the interest of safety and capacity improvements.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	-	-	-	-	-	-	-	-
LAND/R.O.W.	1,300.000	50.000	-	1,250.000	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	-	-	-	-	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	1,300.000	50.000	-	1,250.000	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	71.000	40.000	-	31.000	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	1,135.000	10.000	-	1,125.000	-	-	-	-
STATE GRANT	63.000	-	-	63.000	-	-	-	-
COUNTY GRANT	31.000	-	-	31.000	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	1,300.000	50.000	-	1,250.000	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Acquire Toms Property Easements

380064

Fund 307 - Airport CIP

CIP NUMBER: 380067

PROJECT NAME: Bailes Lane Demolition and Site Work

PROJECT MANAGER: Airport Manager

SCOPE:

The scope of the first phase of this project is to prepare the construction drawings and documents for the demolition of structures on the below-listed properties along Bailes Lane that are within the Runway 5 Object Free Area (ROFA) and/or the Runway 5 Runway Protection Zone (RPZ), for site work to meet City and State grading and soil and erosion control guidelines, and to allow reuse of the properties for Airport use.

The scope of the second phase of this project is to demolish structures on the below-listed properties along Bailes Lane that are within the Runway 5 Object Free Area (ROFA) and/or the Runway 5 Runway Protection Zone (RPZ), and to perform site work to meet City and State grading and soil and erosion control guidelines, and to allow reuse of the properties for future airport development.

JUSTIFICATION:

2001 Bailes Lane Re-Use plan identified these structures to be removed because they are within the object free area and runway protection zone.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	835.200	835.200	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	500.000	500.000	-	-	-	-	-	-
CONSTRUCTION	8,833.000	33.000	-	3,500.000	3,100.000	2,200.000	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	10,168.200	1,368.200	-	3,500.000	3,100.000	2,200.000	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	568.228	18.228	-	218.750	193.750	137.500	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	9,218.290	1,298.290	-	3,150.000	2,790.000	1,980.000	-	-
STATE GRANT	254.454	34.454	-	87.500	77.500	55.000	-	-
COUNTY GRANT	127.228	17.228	-	43.750	38.750	27.500	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	10,168.200	1,368.200	-	3,500.000	3,100.000	2,200.000	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Bailes Lane Demolition and Site Work
Fund 307 - Airport CIP

380067

CIP NUMBER: 380068

PROJECT NAME: Acquire/Obstruction Removal - Waffle House

PROJECT MANAGER: Airport Manager

SCOPE:

The scope of this project is to acquire the Waffle House Restaurant, Parcel A54, located at 1316 E. Patrick St. (0.44 acres) located within the future extension of the Runway 5 Runway Protection Zone (RPZ).

JUSTIFICATION:

To extend the runway and offer better services to the airport users, the FAA design requirements indicate that the RPZ must be extended across Patrick Street, thereby making the acquisition and subsequent demolition of the Waffle House necessary. This property was acquired in 2008 utilizing City funds. The City has provided interim financing to purchase this property until an FAA & MAA grant is obtained. When funding becomes available, the Airport will submit a request for reimbursement from the FAA & MAA for the purchase price of this property.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	-	-	-	-	-	-	-	-
LAND/R.O.W.	1,200.000	1,200.000	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	75.000	75.000	-	-	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	1,125.000	1,125.000	-	-	-	-	-	-
TOTAL EXPENDITURES	2,400.000	2,400.000	-	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	31.000	31.000	-	-	-	-	-	-
DEBT ISSUE	119.000	119.000	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	2,160.000	2,160.000	-	-	-	-	-	-
STATE GRANT	60.000	60.000	-	-	-	-	-	-
COUNTY GRANT	30.000	30.000	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	2,400.000	2,400.000	-	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Acquire Waffle House
Fund 307 - Airport CIP

380068

CIP NUMBER: 380071

PROJECT NAME: Acquisition and Demolition of Tulip Hill Houses

PROJECT MANAGER: Airport Manager

SCOPE:

The scope of this project includes acquisition of two homes in Tulip Hill Subdivision, located at 6204 and 6206 Fairfax Court (ALP Parcels A40, A41). The properties are now owned by the City but currently awaiting FAA re-imbusement. The homes are located within the proposed extension of the Runway 5 Runway Protection Zone (RPZ) and must be demolished prior to the Runway 5, 23 and 30 extension projects.

JUSTIFICATION:

1999 Obstruction Removal Plan identified these properties as a penetration of the 34:1 approach surface of RW5.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	-	-	-	-	-	-	-	-
LAND/R.O.W.	958.000	958.000	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	522.000	22.000	-	500.000	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	20.000	20.000	-	-	-	-	-	-
TOTAL EXPENDITURES	1,500.000	1,000.000	-	500.000	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	45.000	14.000	-	31.000	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	1,400.000	950.000	-	450.000	-	-	-	-
STATE GRANT	38.000	25.000	-	13.000	-	-	-	-
COUNTY GRANT	17.000	11.000	-	6.000	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	1,500.000	1,000.000	-	500.000	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Acquisition of Tulip Hill Houses

380071

Fund 307 - Airport CIP

CIP NUMBER: 380073
PROJECT NAME: Equipment Storage Building
PROJECT MANAGER: Airport Manager

SCOPE:

Design and construct a 4,000 square foot equipment storage building to house the airports snow removal and mowing equipment.

JUSTIFICATION:

This is part of the airports stage one development plan and included in the 2008 Master Plan. All of the equipment and building is eligible for MAA and FAA reimbursement.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	30.000	-	30.000	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	300.000	-	-	300.000	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	330.000	-	30.000	300.000	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	82.500	-	7.500	75.000	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	247.500	-	22.500	225.000	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	330.000	-	30.000	300.000	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Equipment Storage Building

380073

Fund 307 - Airport CIP

CIP NUMBER: 380077

PROJECT NAME: Air Traffic Control Tower and Associated Infrastructure Projects

PROJECT MANAGER: Airport Manager

SCOPE:

The scope of this project is to construct an Air Traffic Control Tower on Airport property, in accordance with FAA regulations. An all-weather, paved access road will be constructed to the site from existing City roadway system. Vehicle parking will be provided adjacent to the building on a paved lot.

JUSTIFICATION:

Increases safety, security and capacity.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	550.000	550.000	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	250.000	250.000	-	-	-	-	-	-
CONSTRUCTION	3,707.462	3,707.462	-	-	-	-	-	-
EQUIPMENT	325.000	325.000	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	4,832.462	4,832.462	-	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	-	-	-	-	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	4,832.462	4,832.462	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	4,832.462	4,832.462	-	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Air Traffic Control Tower and Associated Infrastructure Projects

380077

Fund 307 - Airport CIP

CIP NUMBER: 380086

PROJECT NAME: North County Easements

PROJECT MANAGER: Airport Manager

SCOPE:

The scope of this project includes acquisition of four aviation easements in Frederick County. The easements are located within the Runway 23 approach corridor.

JUSTIFICATION:

1999 Obstruction Removal Plan identified these properties as a penetration of the 34:1 approach surface of RW23.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	-	-	-	-	-	-	-	-
LAND/R.O.W.	100.000	-	-	-	-	50.000	50.000	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	-	-	-	-	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	100.000	-	-	-	-	50.000	50.000	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	2.000	-	-	-	-	1.000	1.000	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	90.000	-	-	-	-	45.000	45.000	-
STATE GRANT	6.000	-	-	-	-	3.000	3.000	-
COUNTY GRANT	2.000	-	-	-	-	1.000	1.000	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	100.000	-	-	-	-	50.000	50.000	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE							
EXPENSE							
NET	-	-	-	-	-	-	-

North County Easements

380086

Fund 307 - Airport CIP

CIP NUMBER: 380087

PROJECT NAME: Maryland State Police Hangar and Training Facility

PROJECT MANAGER: Airport Manager

SCOPE:

Design and construct a new aircrew training facility for the Maryland State Police (MSP). The 10,000 square foot hangar and adjoining parking lot will accommodate the new MSP helicopter and flight simulator.

JUSTIFICATION:

The State chose this location as center to the region. The city anticipates a long-term market rate lease

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	300.000	-	300.000	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	3,000.000	-	-	3,000.000	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	3,300.000	-	300.000	3,000.000	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	-	-	-	-	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	3,300.000	-	300.000	3,000.000	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	3,300.000	-	300.000	3,000.000	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

MSP Hangar & Training Facility

380087

Fund 307 - Airport CIP

CIP NUMBER: 380088

PROJECT NAME: Corporate Hangar – P4

PROJECT MANAGER: Airport Manager

SCOPE:

Part of the stage one development plan for the airport. This 25,000 square foot hangar will be designed and the site development costs will be undertaken by the airport. The development of the actual hangar will be completed by a private entity.

JUSTIFICATION:

Corporate hangar development was a goal established by the Airport Commission during this year's preliminary budget assessments and financial planning efforts.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	300.000	-	-	300.000	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	10,000.000	-	-	-	5,000.000	5,000.000	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	10,300.000	-	-	300.000	5,000.000	5,000.000	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	300.000	-	-	300.000	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	1,000.000	-	-	-	1,000.000	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	9,000.000	-	-	-	4,000.000	5,000.000	-	-
TOTAL REVENUES	10,300.000	-	-	300.000	5,000.000	5,000.000	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Corp Hangar P4

Fund 307 - Airport CIP

380088

CIP NUMBER: 380089
PROJECT NAME: Airways Inn
PROJECT MANAGER: Airport Manager

SCOPE:

This renovation project is to bring the restaurant up to current codes and standards. The project includes the upgrading the restrooms to be ADA compliant and electrical and mechanical upgrades.

JUSTIFICATION:

This will make the restaurant more attractive and marketable.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	300.000	-	-	300.000	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	-	-	-	-	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	300.000	-	-	300.000	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	300.000	-	-	300.000	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	300.000	-	-	300.000	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Airways Inn
Fund 307 - Airport CIP

380089

CIP NUMBER: 380408
CIP PROJECT: Site G Parking Garage – Deck 6
PROJECT MANAGER: Superintendent of Public Parking

SCOPE:

The proposed project is to build Deck 6 in Fiscal Year 2016 with a total capacity of 650 to 1100 spaces on a portion of Site G. Site G is located within the area between S. Carroll St., E. South St., S. East St, and Commerce Street. This new deck will support the Tourism Council of Frederick County building, the Frederick County Board of Education (BOE) Central Office, the Frederick County Housing Authority Hope VI (36 apartment units), the State Government offices located at the Schaffer Building and significant private development projects in Downtown and East Frederick near the East Street extension to I-70.

The project will be built on existing property adjoining the proposed BOE Central Office. Currently, the BOE has decided not to contribute to the construction costs, but rent spaces at market rates, leasing approximately 250 spaces. The subdivision of Site G was completed in 2007 and all vacant buildings demolished. The preliminary cost estimate of the first phase is \$15.4 Million.

JUSTIFICATION:

This project is the second phase of a three-phase plan to accommodate downtown parking needs. This project is consistent with the Mayor and Board adopted parking plan which is documented in Final Report, Downtown Frederick Needs Assessment, Recommendations and Implementation Plan (Desman Associates, March 12, 2003), and the July 2001 Downtown Parking Plan. The project is also consistent with the adopted City Comprehensive Plan and the March 21, 2002 East Street Extension Phase I Area Plan.

Phase I included the construction of Parking Deck 4 near the Frederick County Courthouse to meet the immediate parking needs. Phase II was to include the construction of both Deck 5 (completed in 2010) and Deck 6 to provide parking to the East Street Corridor Growth Area and to re-distribute long term users of the structured parking garages. Phase III, the rehab/rebuild of the Church Parking Street Garage was completed in FY2013.

There are multiple private development projects that are planned in the area near Deck 5 and Deck 6 that require structured parking to support proposed high density development projects.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	1,365.000	1,135.000	-	230.00	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	15,500.000	-	-	-	15,500.00	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	16,865.000	1,135.000	-	230.000	15,500.000	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	230.000	-	-	230.000	-	-	-	-
DEBT ISSUE	16,635.000	1,135.000	-	-	15,500.000	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	16,865.000	1,135.000	-	230.000	15,500.000	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						-	-
EXPENSE						-	-
NET			-	-	-	-	-

Site G Parking Deck

380408

Fund 308 - Parking CIP

CIP NUMBER: 380413

PROJECT NAME: Church Street Deck Rehab/Rebuild

PROJECT MANAGER: Superintendent of Public Parking

SCOPE:

To perform repairs to the existing Church Street Garage that would provide a long term repair solution to restore the deteriorated slabs of the garage and provide an additional lifespan of 10-15 years to the garage. This is a two-phase project. The first phase consisted of repairs completed in 2002 in order to improve and extend the safe use of the deck to 2010. The second phase will consist of securing a repair contractor to develop a plan to complete the necessary repairs needed to add the additional lifespan to the garage.

JUSTIFICATION:

The Church Street Parking Garage is rapidly approaching the end of its' useful life in its current state. The useful life is limited by the amount of exposure and loading that concrete structures can endure before they fatigue and require extensive reconstruction. The Church Street Garage underwent repairs in FY 03 to extend its' lifespan five to ten years. The City realizes that the additional funds needed to redevelop the structure are not available at this time so it is in the best interest of the City and it's citizens to rehab and repair the garage in order to provide a long term solution and add another 10-15 years to the lifespan of the garage.

This project is the third phase of a three-phase plan to accommodate the downtown parking needs. Phase 1 was the construction of Parking Garage #4 (West Patrick Street Garage) near the County Courthouse to meet the immediate parking needs. Phase 2 was the construction of Parking Garage # 5 (East All Saints Street Garage), which have helped redistribute the long-term parker and provide some relief to the core parkers while the City executes Phase 3, which is the rehab/repair of the Church Street Parking Garage.

This project was generated via the study efforts published in Final Report; Downtown Frederick Needs Assessment, Recommendations and Implementation Plan (Desman Associates, March 12, 2003), and the Downtown Parking Plan of July 2001. Project is consistent with City Comp. Plan objective 6.17 and February 2001 Desman Condition Survey report. The Church Street Parking Deck Agreement, April 17, 2002, provides for the terms of the County's participation in this project.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	200.000	-	-	-	-	200.000	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	14,705.864	1,205.864	-	-	-	-	13,500.000	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	14,905.864	1,205.864	-	-	-	200.000	13,500.000	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	1,075.000	875.000	-	-	-	200.000	-	-
DEBT ISSUE	13,605.864	105.864	-	-	-	-	13,500.000	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	225.000	225.000	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	14,905.864	1,205.864	-	-	-	200.000	13,500.000	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE							
EXPENSE							
NET	-	-	-	-	-	-	-

Church Street Deck - Rehab/Rebuild

380413

Fund 308 - Parking CIP

CIP NUMBER: 350001

PROJECT NAME: South Street Storm Drain

PROJECT MANAGER: Deputy Director of Public Works-Operations

SCOPE:

Provide a storm drain system capable of conveying a 10-year storm in a 433 acre drainage area bounded by South Wisner Street, a line extending south from Wisner Street to I-70, I-70, East South Street/Reich's Ford Road, Tilco Drive, Cambridge Drive and Fairfax Court in the Tulip Hill Subdivision, East Patrick Street, Davis Avenue, Harding Alley north of and parallel to East Patrick Street, the racetrack at the fairgrounds, Maryland Avenue, and by Sagner Avenue to its intersection with South Wisner Street.

A study and report shall be bid separately and shall address the following: Hydrologic analyses, area to be served by Stormwater Pumping Station No. 3, the feasibility of expanding Stormwater Pumping Station No. 3, the feasibility of catchments, the feasibility of pumping to the Monocacy River, easements required, Karst topography issues, wetland issues, construction phasing, hydraulic analyses, preliminary pipe and conduit sizes, preliminary pumping station requirements, permits required for each phase, cost of constructing each phase, long term operation and maintenance costs, a cost/benefit analysis, recommendations and a presentation of the final report to the Mayor and Board of Aldermen.

Deliverables associated with this project are:

- A study of the basin to include the above with options for design. (FY14-15)
- A design for the new drainage system or portions thereof . (FY 16)
- Acquisition of required rights-of-way,
- Acquisition of required permits (Obtained as constructed)
- Construction of approximately 15,000 LF of storm drain varying in size from 78 to 12 inches in diameter and approximately 80 storm drain inlets.

It may be necessary to obtain permanent easements and construction easements from the Housing Authority of the City of Frederick and from Gene Romsburg Enterprises, Inc. at 33 Hamilton Avenue. This project must be done in conjunction with the water distribution system upsizes that are in the area to optimize road re-surfacing efforts.

JUSTIFICATION:

This drainage basin has a series of disconnected local stormwater systems that inadequately drain the area and have caused no less than 12 problem areas that need to be corrected.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	146.000	146.000	-	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	4,580.865	670.865	(90.000)	-	2,000.000	2,000.000	-	-
EQUIPMENT	19.029	19.029	-	-	-	-	-	-
MISCELLANEOUS	1.000	1.000	-	-	-	-	-	-
TOTAL EXPENDITURES	4,746.894	836.894	(90.000)	-	2,000.000	2,000.000	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	385.000	475.000	(90.000)	-	-	-	-	-
DEBT ISSUE	4,361.894	361.894	-	-	2,000.000	2,000.000	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	4,746.894	836.894	(90.000)	-	2,000.000	2,000.000	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

South Street Storm Drain
Fund 309 - Storm Water CIP

350001

CIP NUMBER: 350004

PROJECT NAME: Watershed Management Plan

PROJECT MANAGER: Deputy Director of Engineering

SCOPE:

Develop a watershed management plan consistent with MDE guidelines to be approved by MDE for the management of the Rock Creek and Carroll Creek watersheds. This plan will analyze the existing conditions, establish watershed goals, identify areas of the watersheds in need of improvement, establish watershed improvement projects with cost estimates for completion, and develop a fee structure to be utilized by the City to insure those projects are funded as development occurs. This plan would provide guidance for the City to meet the requirements of the NPDES permit including retrofit requirements and would provide options for development projects to treat stormwater off site.

JUSTIFICATION:

A watershed management plan will be needed to meet TMDL and WIP requirements and to comply with the new NPDES Phase 2 permit. A watershed management plan will also allow for more flexibility for development and redevelopment in dense urban areas of the City by providing for off-site stormwater management options.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	500.000	-	500.000	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	-	-	-	-	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	500.000	-	500.000	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	500.000	-	500.000	-	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	500.000	-	500.000	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Watershed Management
Fund 309 - Storm Water CIP

350004

CIP NUMBER: 350005

PROJECT NAME: Culler Lake Silt Removal

PROJECT MANAGER: Marc Stachowski

SCOPE:

The intent of this project is for the City to fund the removal of silt from the Culler Lake. The 2013 estimate for the below work will be in the ~\$1.0M range. The Lake acts as a sediment collection basin for the ~ 66 acre drainage basin(South and West of Hood College) and has not been desilted since 1984. There is approximately 5 feet of silt covering the entire lake bottom which needs to be removed to allow proper desiltation of storm waters and improve the habitat of the aquatic species. The actual work scope will approximately include the following:

- Establish the method by which silt will be removed. Hire consultants where necessary for design/permitting. Coordinate the effort with the FOBP (Friends of Baker Park) Culler Lake Upgrade Project.
- Secure necessary permits.
- Establish a site for the de-watering of the silt.
- Develop the removal plan for the dewatered silt.
- Hire a contractor to remove the silt to the de-watering site.
- Hire a contractor to re-establish and stabilize the de-watered silt and to stabilize the Lake embankments.
- Hire a Contractor to stabilize/restore the de-watering site.

JUSTIFICATION:

The Lake is a stormwater structure and needs to be de-silted periodically (every 5 to 8 years) so that it continues to work as designed. Routine maintenance has not been funded causing the deterioration of the effectiveness of the Lake as a storm water structure/habitat. Continuing with no maintenance will increase the volume of silts discharged into Carroll Creek reducing the effectiveness of the Flood Control Conduits.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	200.000	-	200.000	-	-	-	-	-
LAND/R.O.W.	-	-	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	1,000.000	-	1,000.000	-	-	-	-	-
EQUIPMENT	-	-	-	-	-	-	-	-
MISCELLANEOUS	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	1,200.000	-	1,200.000	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	1,200.000	-	1,200.000	-	-	-	-	-
DEBT ISSUE	-	-	-	-	-	-	-	-
SPECIAL ASSESSMENT	-	-	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	-	-	-	-	-	-	-	-
STATE GRANT	-	-	-	-	-	-	-	-
COUNTY GRANT	-	-	-	-	-	-	-	-
OTHER	-	-	-	-	-	-	-	-
TOTAL REVENUES	1,200.000	-	1,200.000	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Culler Lake Silt Removal
 Fund 309 - Storm Water CIP

350005

CIP NUMBER: 350020

PROJECT NAME: Carroll Creek Flood Control Project

PROJECT MANAGER: Deputy Director of Engineering

SCOPE:

Construct an approximately 3,750 sq. ft. brick and block building, with public restrooms for Carroll Creek Park, on top of Pumping Station No. 3; remove electrical controls from the dry well below grade and reinstall inside the new building; install a backup level sensor that will provide continuous remote data on water levels in the pumping station wet well. Note that completion of the Gas House Pike levee previously included in this CIP is now part of the Monocacy Boulevard Central Section design and construction.

JUSTIFICATION:

Completion of the Carroll Creek Flood Control Project is intended to eliminate flooding in downtown Frederick caused by high flows on the Monocacy River. Raising the controls for Pump Station Number 3 above grade will significantly reduce the risk of pump station failure during flood events.

Expressed in Thousands

EXPENDITURES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
PLANNING/ENG.	6,926.800	6,926.800	-	-	-	-	-	-
LAND/R.O.W.	6,478.000	6,478.000	-	-	-	-	-	-
UTILITIES	-	-	-	-	-	-	-	-
CONSTRUCTION	42,263.205	42,263.205	-	-	-	-	-	-
EQUIPMENT	7.000	7.000	-	-	-	-	-	-
MISCELLANEOUS	230.000	230.000	-	-	-	-	-	-
TOTAL EXPENDITURES	55,905.005	55,905.005	-	-	-	-	-	-

REVENUES	TOTAL	TO-DATE	FY14	FY15	FY16	FY17	FY18	FY19
CITY OPERATING	7,639.629	7,639.629	-	-	-	-	-	-
DEBT ISSUE	15,122.809	15,122.809	-	-	-	-	-	-
SPECIAL ASSESSMENT	383.000	383.000	-	-	-	-	-	-
IMPACT FEES	-	-	-	-	-	-	-	-
FEDERAL GRANT	508.731	508.731	-	-	-	-	-	-
STATE GRANT	20,065.200	20,065.200	-	-	-	-	-	-
COUNTY GRANT	12,128.000	12,128.000	-	-	-	-	-	-
OTHER	57.636	57.636	-	-	-	-	-	-
TOTAL REVENUES	55,905.005	55,905.005	-	-	-	-	-	-

ESTIMATED OPERATING BUDGET IMPACT:

REVENUE						
EXPENSE						
NET	0	0	0	0	0	0

Carroll Creek Flood Control Project

350020

Fund 309 - Storm Water CIP