

**INFORMATION TECHNOLOGY  
FULLY FUNDED PROJECTS  
Capital Improvement Program FY 2012 - FY 2016**

Project Number	Project Name	Total Funds Appropriated	Project Completion Date	Annual Operating Cost
12-14	E-Gov Initiative - Phase II Web 2.0 <i>Content management software solution for Public Communications to use with all departments.</i>	\$317,420	Jun 2011	\$70,000
22-10	EMS Field Collection/Treasurer Billing <i>Includes implementation of a software application for EMS data and also an application for the Treasurer to bill for EMS calls.</i>	395,000	Jun 2011	106,086
12-11	Enterprise Wide Technology Improvement Phase I <i>To purchase software and replacements that are used entity wide.</i>	782,907	Jun 2011	0
92-12	Phase I - HR/Payroll System <i>Replace 35 year old mainframe system to address the lack of HRIS system. Funded from FY 2006-07 Year End Funds.</i>	6,379,623	Nov 2011	480,248
91-12	Re-Write Personal Property Tax System <i>This project will re-write the Commissioner of Revenue's Personal Property Tax software. Funded from FY 2006-07 Year End Funds.</i>	700,000	Jun 2012	0
10-14	Telephone System Upgrade <i>Telephone system upgrades for critical remote locations.</i>	481,742	Jun 2011	20,000
<b>Total</b>		<b>\$9,056,693</b>		<b>\$676,334</b>

**Note: Some of the above listed projects are completed but have not been formally closed in the financial records.**

## Capital Project Detail

**Project Name** Disaster Recovery Backup Radio System **Project Number** 05-16  
**Improvement Category** Public Safety **Improvement Type** Equipment or System  
**Project Description** Disaster Recovery backup VHF radio system to provide continuity of Public Safety radio communications in the event of primary 800 MHz radio system failure.  
**Purpose and Need** A 3-channel backup VHF radio system will provide disaster recovery communications in the event that the City's primary 800 MHz radio system is disabled due to natural or man-made disaster.  
**Project Start Date** Jul 2011 **Target Completion Date** Dec 2011  
**Project Status** New **Project Rank** 4  
**Estimated Project Cost** \$101,300

### Cost to Chesapeake Only

Cost Elements	Previous Funding	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	5 YR Total	Beyond 5 Years	Project Total
Engineer / Design Fees	0	10,000	0	0	0	0	10,000	0	10,000
Land	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	81,300	0	0	0	0	81,300	0	81,300
Other	0	10,000	0	0	0	0	10,000	0	10,000
<b>Total</b>	<b>\$0</b>	<b>\$101,300</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$101,300</b>	<b>\$0</b>	<b>\$101,300</b>

### Funding Method(s) for Chesapeake Costs

1. Other 101,300 Tower Rental Income  
 2.  
 3.  
 4.  
 5.  
 6.

5 Year Total \$101,300

### Cost to All Organizations

Funding Sources	Previous Funding	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	5 YR Total	Beyond 5 Years	Project Total
Chesapeake	0	101,300	0	0	0	0	101,300	0	101,300
State	0	0	0	0	0	0	0	0	0
Other Sources	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>\$0</b>	<b>\$101,300</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$101,300</b>	<b>\$0</b>	<b>\$101,300</b>

### Estimated Annual Operating Impacts

Fiscal Year Needed	Salaries & Wages	Fringe Benefits	Operation & Maintenance	Total Costs	Revenue Generated	Net Impact	Positions Needed	
							Full Time	Part Time
FY 2012	0	0	4,560	4,560	0	(4,560)	0.00	0.00
FY 2013	0	0	4,560	4,560	0	(4,560)	0.00	0.00
FY 2014	0	0	4,560	4,560	0	(4,560)	0.00	0.00
FY 2015	0	0	4,560	4,560	0	(4,560)	0.00	0.00
FY 2016	0	0	4,560	4,560	0	(4,560)	0.00	0.00
<b>Cumulative</b>	<b>\$0</b>	<b>\$0</b>	<b>\$22,800</b>	<b>\$22,800</b>	<b>\$0</b>	<b>(\$22,800)</b>	<b>0.00</b>	<b>0.00</b>

Estimated Life of Asset from Placement in Service 12 years

### Major Rehabilitations:

1. \_\_\_\_\_ Cycle Length \_\_\_\_\_ years Cost \_\_\_\_\_  
 2. \_\_\_\_\_ Cycle Length \_\_\_\_\_ years Cost \_\_\_\_\_

## Capital Project Detail

**Project Name** Enterprise Financials PeopleSoft Upgrade **Project Number** 27-16

**Improvement Category** Information Systems **Improvement Type** Equipment or System

**Project Description** The PeopleSoft Financial Management System (PSFMS) is currently on version 9.0 and PeopleTools is on version 8.49. This project upgrades PSFMS to version 9.1 or 9.2 and to PeopleTools 8.51 or higher. This Project would upgrade the Enterprise Financial System PeopleTools to version 9.0 or higher.

**Purpose and Need** This project includes Upgrading the Peoplesoft Financial Management System to a more current release in order to maintain vendor support. It will address new federal tax regulations requiring the City to withhold 3% of income taxes from vendor payments. Also, the project will provide enhancements to software applications, accounts payable module's ability to add notes to invoices, duplicate checking, purchasing module purchase order changes to be entered by the requestor and tracked from beginning to completion, asset management, automatic alerts, and eProcurement contract.

**Project Start Date** Jul 2012 **Target Completion Date** Jun 2012

**Project Status** New **Project Rank** 9

**Estimated Project Cost**

**Cost to Chesapeake Only**

Cost Elements	Previous Funding	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	5 YR Total	Beyond 5 Years	Project Total
Engineer / Design Fees	0	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Other	0	600,000	0	0	0	0	600,000	0	600,000
<b>Total</b>	<b>\$0</b>	<b>\$600,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$600,000</b>	<b>\$0</b>	<b>\$600,000</b>

**Funding Method(s) for Chesapeake Costs**

1.	General Fund Balance-Designated Reserve	600,000
2.		
3.		
4.		
5.		
6.		
<b>5 Year Total</b>		<b>\$600,000</b>

**Cost to All Organizations**

Funding Sources	Previous Funding	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	5 YR Total	Beyond 5 Years	Project Total
Chesapeake	0	600,000	0	0	0	0	600,000	0	600,000
State	0	0	0	0	0	0	0	0	0
Other Sources	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>\$0</b>	<b>\$600,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$600,000</b>	<b>\$0</b>	<b>\$600,000</b>

**Estimated Annual Operating Impacts**

Fiscal Year Needed	Salaries & Wages	Fringe Benefits	Operation & Maintenance	Total Costs	Revenue Generated	Net Impact	Positions Needed	
							Full Time	Part Time
FY 2012	0	0	0	0	0	0	0.00	0.00
FY 2013	0	0	0	0	0	0	0.00	0.00
FY 2014	0	0	0	0	0	0	0.00	0.00
FY 2015	0	0	0	0	0	0	0.00	0.00
FY 2016	0	0	0	0	0	0	0.00	0.00
<b>Cumulative</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>0.00</b>	<b>0.00</b>

**Estimated Life of Asset from Placement in Service** \_\_\_\_\_ years

**Major Rehabilitations:**

1.		Cycle Length		years	Cost	
2.		Cycle Length		years	Cost	

**CAPITAL PROJECT DETAIL**

**Project Name** Enterprise KRONOS Upgrade **Project Number** 06-16  
**Improvement Category** Information Systems **Improvement Type** System  
**Project Description** This Project would upgrade the Enterprise KRONOS to a higher version.  
**Purpose and Need** This project would address the ongoing need for the Enterprise KRONOS to Upgrade to a more current release in order to maintain vendor support.  
**Project Start Date** Jul 2010 **Target Completion Date** Apr 2011  
**Project Status** New **Project Rank** 10

**Estimated Project Cost**

**Cost to Chesapeake Only**

Cost Elements	Previous Funding	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	5 Yr Total	Beyond 5 Years	Project Total
Engineering / Design Fees	0	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Other	0	100,000	0	0	0	0	100,000	0	100,000
<b>Total</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>100,000</b>

**Funding Method(s) for Chesapeake Costs**

1.	General Fund Operating Transfer	50,000
2.	CPS Contribution	50,000
3.		
4.		
5.		
6.		
	<b>5 Year Total</b>	<b>\$100,000</b>

**Cost to All Organizations**

Funding Sources	Previous Funding	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	5 Yr Total	Beyond 5 Years	Project Total
Chesapeake	0	100,000	0	0	0	0	100,000	0	100,000
State	0	0	0	0	0	0	0	0	0
Other Sources	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>100,000</b>

**Estimated Annual Operating Impacts**

Fiscal Year Needed	Salaries & Wages	Fringe Benefits	Operation & Maint	Total Costs	Revenue Generated	Net Impact
FY 2012	0	0	0	0	0	0
FY 2013	0	0	0	0	0	0
FY 2014	0	0	0	0	0	0
FY 2015	0	0	0	0	0	0
FY 2016	0	0	0	0	0	0
<b>Cumulative</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Positions Needed	
Full time	Part time
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00

**Estimated Life of Asset from placement in Service** \_\_\_\_\_ years

**Major Rehabilitations:**

1.	System	_____	Cycle length	_____ years	Cost	_____
2.	System	_____	Cycle length	_____ years	Cost	_____

## Capital Project Detail

**Project Name** Enterprise Wide Technology Improvements Phase II      **Project Number** 15-13  
**Improvement Category** Information Systems      **Improvement Type** Replacement  
**Project Description** To purchase software updates and replacements that are used City Wide.  
**Purpose and Need** This project would address the ongoing need to update and replace software which is used City Wide to ensure appropriate technology which can be supported by staff and vendors.  
**Project Start Date** Sep 2011      **Target Completion Date** Jun 2013  
**Project Status** New      **Project Rank** 6

**Estimated Project Cost**

**Cost to Chesapeake Only**

Cost Elements	Previous Funding	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	5 YR Total	Beyond 5 Years	Project Total
Engineer / Design Fees	0	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Other	0	150,000	200,000	0	0	0	350,000	0	350,000
<b>Total</b>	<b>\$0</b>	<b>\$150,000</b>	<b>\$200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$350,000</b>	<b>\$0</b>	<b>\$350,000</b>

**Funding Method(s) for Chesapeake Costs**

1.	General Fund Operating Transfer	350,000
2.		
3.		
4.		
5.		
6.		
<b>5 Year Total</b>		<b>\$350,000</b>

**Cost to All Organizations**

Funding Sources	Previous Funding	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	5 YR Total	Beyond 5 Years	Project Total
Chesapeake	0	150,000	200,000	0	0	0	350,000	0	350,000
State	0	0	0	0	0	0	0	0	0
Other Sources	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>\$0</b>	<b>\$150,000</b>	<b>\$200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$350,000</b>	<b>\$0</b>	<b>\$350,000</b>

**Estimated Annual Operating Impacts**

Fiscal Year Needed	Salaries & Wages	Fringe Benefits	Operation & Maintenance	Total Costs	Revenue Generated	Net Impact	Positions Needed	
							Full Time	Part Time
FY 2012	0	0	0	0	0	0	0.00	0.00
FY 2013	0	0	0	0	0	0	0.00	0.00
FY 2014	0	0	0	0	0	0	0.00	0.00
FY 2015	0	0	0	0	0	0	0.00	0.00
FY 2016	0	0	0	0	0	0	0.00	0.00
<b>Cumulative</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>0.00</b>	<b>0.00</b>

Estimated Life of Asset from Placement in Service      5 years

**Major Rehabilitations:**

1.		Cycle Length		years	Cost	
2.		Cycle Length		years	Cost	

## Capital Project Detail

<b>Project Name</b>	FCC Narrowbanding Compliance	<b>Project Number</b>	07-16
<b>Improvement Category</b>	Public Safety	<b>Improvement Type</b>	Replacement
<b>Project Description</b>	Reconfigure 25-KHz VHF and UHF conventional radio system channels to 12.5 KHz bandwidth to comply with FCC Narrowbanding mandate.		
<b>Purpose and Need</b>	Provide conventional voice radio system narrowband upgrades to Chesapeake Public Safety departments to ensure compliance with FCC Order 04-292, WT Docket No. 99-87 / RM-9932 prior to mandated deadline of January 1, 2013.		
<b>Project Start Date</b>	Jul 2012	<b>Target Completion Date</b>	Dec 2012
<b>Project Status</b>	New	<b>Project Rank</b>	5
<b>Estimated Project Cost</b>	\$289,100		

### Cost to Chesapeake Only

Cost Elements	Previous Funding	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	5 YR Total	Beyond 5 Years	
								Project Total	Project Total
Engineer / Design Fees	0	0	10,000	0	0	0	10,000	0	10,000
Land	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	264,600	0	0	0	264,600	0	264,600
Other	0	0	14,500	0	0	0	14,500	0	14,500
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$289,100</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$289,100</b>	<b>\$0</b>	<b>\$289,100</b>

### Funding Method(s) for Chesapeake Costs

1.	General Fund Operating Transfer	289,100
2.		
3.		
4.		
5.		
6.		
5 Year Total		\$289,100

### Cost to All Organizations

Funding Sources	Previous Funding	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	5 YR Total	Beyond 5 Years	
								Project Total	Project Total
Chesapeake	0	0	289,100	0	0	0	289,100	0	289,100
State	0	0	0	0	0	0	0	0	0
Other Sources	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$289,100</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$289,100</b>	<b>\$0</b>	<b>\$289,100</b>

### Estimated Annual Operating Impacts

Fiscal Year Needed	Salaries & Wages	Fringe Benefits	Operation & Maintenance	Total Costs	Revenue Generated	Net Impact	Positions Needed	
							Full Time	Part Time
FY 2012	0	0	0	0		0	0.00	0.00
FY 2013	0	0	600	600		(600)	0.00	0.00
FY 2014	0	0	1,200	1,200		(1,200)	0.00	0.00
FY 2015	0	0	1,200	1,200		(1,200)	0.00	0.00
FY 2016	0	0	1,200	1,200		(1,200)	0.00	0.00
<b>Cumulative</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,200</b>	<b>\$4,200</b>	<b>\$0</b>	<b>(4,200)</b>	<b>0.00</b>	<b>0.00</b>

Estimated Life of Asset from Placement in Service 12 years

### Major Rehabilitations:

1.		Cycle Length		years	Cost	
2.		Cycle Length		years	Cost	

## Capital Project Detail

**Project Name** Mainframe Modernization **Project Number** 28-15

**Improvement Category** Information Systems **Improvement Type** Replacement

**Project Description** Phase I - Uplift and conversion of all existing in-house developed software code from the mainframe to a Windows/Intel infrastructure platform. Phase II - Conversion of existing legacy mainframe software system and new development to a Microsoft .net infrastructure platform.

**Purpose and Need** Purpose and need is two fold: 1. Reduce re-occurring annual infrastructure maintenance costs associated with the current mainframe and software development tools. 2. Move to a more readily accepted software development environment that closely aligns with a larger and more readily available work force. This project starts a crucial conversion to a more widely accepted infrastructure and development format that is needed in order to meet demands for e-commerce and replaces outdated equipment.

**Project Start Date** Mar 2011 **Target Completion Date** Jun 2013

**Project Status** New **Project Rank** 1

**Estimated Project Cost** \$ 3,500,000

### Cost to Chesapeake Only

Cost Elements	Previous Funding	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	5 YR Total	Beyond 5 Years	Project Total
Engineer / Design Fees	1,000,000	0	0	0	0	0		0	1,000,000
Land	0	0	0	0	0	0		0	0
Construction	0	0	0	0	0	0		0	0
Equipment	1,000,000	0	0	0	0	0		0	1,000,000
Other	1,500,000	0	0	0	0	0		0	1,500,000
<b>Total</b>	<b>\$3,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		<b>\$0</b>	<b>\$0</b>

### Funding Method(s) for Chesapeake Costs

1.	General Fund Designated for Capital Projects	3,500,000
2.		
3.		
4.		
5.		
6.		
<b>5 Year Total</b>		<b>\$3,500,000</b>

### Cost to All Organizations

Funding Sources	Previous Funding	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	5 YR Total	Beyond 5 Years	Project Total
Chesapeake	3,500,000	0	0	0	0	0		0	3,500,000
State	0	0	0	0	0	0		0	0
Other Sources	0	0	0	0	0	0		0	0
<b>Total</b>	<b>\$3,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		<b>\$0</b>	<b>\$0</b>

### Estimated Annual Operating Impacts

Fiscal Year Needed	Salaries & Wages	Fringe Benefits	Operation & Maintenance	Total Costs	Revenue Generate	Net Impact	Positions Needed	
							Full Time	Part Time
FY 2012	0	0	0	0	0	0	0.00	0.00
FY 2013	0	0	0	0	0	0	0.00	0.00
FY 2014	0	0	0	0	0	0	0.00	0.00
FY 2015	0	0	0	0	0	0	0.00	0.00
FY 2016	0	0	0	0	0	0	0.00	0.00
<b>Cumulative</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>0.00</b>	<b>0.00</b>

Estimated Life of Asset from Placement in Service 10-15 years

### Major Rehabilitations:

1.	_____	Cycle Length _____ years	Cost _____
2.	_____	Cycle Length _____ years	Cost _____

## Capital Project Detail

**Project Name** Project 25 Radio System **Project Number** 08-16  
**Improvement Category** Public Safety **Improvement Type** Replacement  
**Project Description** Public Safety radio system upgrade to provide sustainable technology and enhanced radio communications interoperability with other agencies.  
**Purpose and Need** Provide 7/800 MHz 20-channel Project 25 (P25) Standard Integrated Voice and Data simulcast Radio System to support Chesapeake emergency response personnel. Provide data exchange paths for Computer-Aided Dispatch (CAD), Automated Vehicle Location (AVL), and other narrowband applications.  
**Project Start Date** Jul 2011 **Target Completion Date** Jun 2012  
**Project Status** New **Project Rank** 3  
**Estimated Project Cost** \$ 9,601,674

### Cost to Chesapeake Only

Cost Elements	Previous Funding	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	5 YR Total	Beyond 5 Years	Project Total
Engineer / Design Fees	0	0	100,000	0	0	0	100,000	0	100,000
Land	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	4,701,674	4,800,000	0	0	9,501,674	0	9,501,674
Other	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,801,674</b>	<b>\$4,800,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$9,601,674</b>	<b>\$0</b>	<b>\$9,601,674</b>

### Funding Method(s) for Chesapeake Costs

1. Borrowing Authority-Unissued 9,601,674 Lease Purchase
  - 2.
  - 3.
  - 4.
  - 5.
  - 6.
- \$9,601,674**

### Cost to All Organizations

Funding Sources	Previous Funding	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	5 YR Total	Beyond 5 Years	Project Total
Chesapeake	0	0	4,801,674	4,800,000	0	0	9,601,674	0	9,601,674
State	0	0	0	0	0	0	0	0	0
Other Sources	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,801,674</b>	<b>\$4,800,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$9,601,674</b>	<b>\$0</b>	<b>\$9,601,674</b>

### Estimated Annual Operating Impacts

Fiscal Year Needed	Salaries & Wages	Fringe Benefits	Operation & Maintenance	Total Costs	Revenue Generated	Net Impact	Positions Needed	
							Full Time	Part Time
FY 2012	0	0	0	0	0	0	0.00	0.00
FY 2013	60,726	21,803	1,300,000	1,382,529	0	1,382,529	0.00	0.00
FY 2014	60,726	21,803	1,300,000	1,382,529	0	1,382,529	0.00	0.00
FY 2015	60,726	21,803	1,300,000	1,382,529	0	1,382,529	0.00	0.00
FY 2016	60,726	21,803	1,300,000	1,382,529	0	1,382,529	0.00	0.00
<b>Cumulative</b>	<b>\$242,904</b>	<b>\$87,212</b>	<b>\$5,200,000</b>	<b>\$5,530,116</b>	<b>\$0</b>	<b>\$5,530,116</b>	<b>0.00</b>	<b>0.00</b>

Estimated Life of Asset from Placement in Service 15 years

### Major Rehabilitations:

1. \_\_\_\_\_ Cycle Length \_\_\_\_\_ years Cost \_\_\_\_\_
2. \_\_\_\_\_ Cycle Length \_\_\_\_\_ years Cost \_\_\_\_\_