

# Capital Improvement Program

**FY 2016-2017 through 2020-2021**

**CITY OF HARRISONBURG  
CAPITAL IMPROVEMENT PROGRAM  
FISCAL YEAR 2016-17 THROUGH FISCAL YEAR 2020-21**

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**CITY OF HARRISONBURG  
CAPITAL IMPROVEMENTS PROGRAM  
FISCAL YEAR 2016-2017 THROUGH FISCAL YEAR 2020-2021**

**INTRODUCTION**

**Purpose**

The Capital Improvements Program (CIP) is a multi-year production and scheduling of capital projects of \$50,000 or greater with an appropriate financing plan to fund these projects. Harrisonburg's CIP is prepared annually in an effort to facilitate planning and setting priorities among capital improvement needs over a subsequent five-year period. The CIP is designed to identify projects for all City departments for which funding has already been committed or is being sought for some time within the five-year planning period.

Planning for capital equipment and improvements is a matter of prudent financial management. Large, non-recurring capital outlays require special planning for several reasons. First, special planning is needed to ensure that assets are acquired in time to meet specific needs. Also, careful planning can seek to spread costs more comfortably over several years and avoid a large peak in expenditures during a single year. Preparation of a comprehensive CIP is also a way in which the City can demonstrate its commitment to the Mission Statement and to its goals.

It should be stressed that the CIP is not a budget but a planning tool. The actual commitment of funds for any capital item comes with the approval of the annual budget for each fiscal year. However, the CIP should serve as an important planning tool for formulating the capital portion of the annual budget. All of the proposed projects within the CIP will not likely be funded exactly as outlined due to budgetary restraints. Nevertheless, all of the projects are important and need to be included in the planning document in order to have clear vision of the long term needs of the City. Projects for Harrisonburg City Public Schools are also included within the document.

Finally, it should be stressed that the CIP is not a static plan. It is a part of annual planning and programming. Each year, another year will be added to the planning period in order to maintain the five-year forecast horizon. Also, each year, costs and needs will need to be reevaluated. The goal of this process is for the City to continue to meet its capital needs in a timely manner and to maintain a tradition of strong responsibility.

**Format**

The Capital Project Request Form identifies each project as belonging to a particular department and itemizes anticipated project costs along with a recommended funding schedule. Estimates of the annual operating cost are also presented. The requesting department provides a justification for each project on the Capital Project Request Form. Along with its narrative description, the department has marked any of a series of project justification codes that pertain to the project.

These justifications codes are described below:

<b><u>Justification Codes</u></b>	<b><u>Elaboration</u></b>
1. Mandated	Project is clearly and specifically required by a federal or state mandate or court ruling.
2. Remove hazards	Makes possible the removal of an obvious or potential hazard to public health or safety.
3. Maintains existing service	Permits and existing standard of service to be maintained where decreases in services would otherwise have been necessary.
4. Increased efficiency	Reduces operating costs.
5. Increased revenues	Makes possible a net gain in revenues available to the City.
6. Improves existing service	Makes possible an expansion or increase of an existing service or improvements in the standard of existing services.
7. New service	Makes possible the provision of a new service.
8. Convenience	Increases convenience or comfort.
9. Other	(Describe).

All capital projects were closely reviewed by the CIP Committee (City Manager, Deputy City Manager, Director of Finance, and Director of Planning and Community Development) in conjunction with each department head. Each project was assigned one of five priority codes, shown under the project title on the Capital Project Request Form. The priority codes are described as follows:

<b><u>Priority Code</u></b>	<b><u>Description</u></b>
1	Absolutely required.
2	Highly desirable, affects efficiency and effectiveness.
3	Desirable
4	Marginally beneficial
5	Not justified

Only projects rated by the CIP Committee at “3” or higher are included in the recommended CIP. Projects rated “1” and “2” are summarized separately to reflect the projects that will be given the highest budget priority. Also, based on the five year projection of estimated revenues and expenditures contained in the appendices, estimates of funds available for capital projects are at the bottom of the summary page for each major fund. The City will have a difficult time funding all of the number 1 and 2 projects given the current revenue stream.

### **Appendices**

Following the presentation of the various capital projects by fund are separate appendices for the General Fund, Water Fund, Sewer Fund, School Transportation Fund, Public Transportation Fund, Sanitation Fund, and Stormwater Fund. Each appendix carefully tracks the history of these funds regarding past revenue levels and past expenditure levels. This history, along with obligated debt service requirements, is the basis for a five year projection for each fund of new capital financing potential. There are many variables that could significantly increase or decrease the available funding. These projections are in the range of what can be reasonably expected and so they should be compared with the level of funding required to implement the recommended CIP.

### **Schedule**

It is proposed that Planning Commission receive the CIP at its March meeting, when department heads will be available to answer questions. Planning Commission will develop its recommendation to City Council. Council will receive Planning Commission’s recommendation at a public hearing in April 2015. Final adoption is scheduled for April 2015.

**CITY OF HARRISONBURG**  
**Capital Improvement Program**  
**Priority 1 & 2 Projects**  
**General Fund Summary**  
**FY 2017 through FY 2021**

<b>Department Project Title</b>	<b>Page #</b>	<b>Project Priority</b>	<b>FY 2016-2017</b>	<b>FY 2017-2018</b>	<b>FY 2018-2019</b>	<b>FY 2019-2020</b>	<b>FY 2020-2021</b>	<b>TOTAL</b>	<b>Beyond</b>
<b>Information Technology</b>									
New Water Billing Software	1	2	\$ 800,000	\$ -	\$ -	\$ -	\$ -	\$ 800,000	
Storage System Replacement	2	2	\$ -	\$ 80,000	\$ 80,000	\$ -	\$ -	\$ 160,000	
Financial Needs Assessment	3	2	\$ 850,000	\$ -	\$ -	\$ -	\$ -	\$ 850,000	
Training Management Software	4	2	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000	
Electronic Time Entry System	5	2	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ 300,000	
Citizen Inquiry Application	6	2	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ 250,000	
Document Management System	7	2	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ 500,000	
<b>Department Total</b>			<b>\$ 1,650,000</b>	<b>\$ 1,230,000</b>	<b>\$ 80,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,960,000</b>	<b>\$ -</b>
<b>Police Department</b>									
Firearms Range and Classroom Relocation	8	2	\$ 310,336	\$ -	\$ -	\$ -	\$ -	\$ 310,336	
HPD Records Management & Crime Analysis System	9	2	\$ -	\$ 2,500,000	\$ -	\$ -	\$ -	\$ 2,500,000	
<b>Department Total</b>			<b>\$ 310,336</b>	<b>\$ 2,500,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,810,336</b>	<b>\$ -</b>
<b>Fire Department</b>									
Self Contained Breathing Apparatus Replacement	11	1	\$ -	\$ -	\$ 509,000	\$ -	\$ -	\$ 509,000	
Cardiac Monitor Replacement	12	1	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000	
Fire Engine Replacement	13	2		\$ 189,210	\$ 189,210	\$ 189,210	\$ -	\$ 567,630	
<b>Department Total</b>			<b>\$ 150,000</b>	<b>\$ 189,210</b>	<b>\$ 698,210</b>	<b>\$ 189,210</b>	<b>\$ -</b>	<b>\$ 1,226,630</b>	<b>\$ -</b>

Department	Page #	Project Priority	FY 2016-2017	FY 2017-2018	FY 2018-2019	FY 2019-2020	FY 2020-2021	TOTAL	Beyond
<b>Emergency Communications Center</b>									
Computer Aided Dispatch System	16	1	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ 2,000,000	
10 Digit Phone System Upgrade	17	2	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ 125,000	
<b>Department Total</b>			<b>\$ 1,125,000</b>	<b>\$ 1,000,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,125,000</b>	<b>\$ -</b>
<b>General Properties</b>									
Renovation of Old Municipal Building	18	2	\$ -	\$ 2,500,000	\$ -	\$ -	\$ -	\$ 2,500,000	
<b>Department Total</b>			<b>\$ -</b>	<b>\$ 2,500,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,500,000</b>	<b>\$ -</b>
<b>Public Works</b>									
Country Club Road (2) Bridges	20	2	\$ 1,000,000	\$ -	\$ 850,000	\$ -		\$ 1,850,000	
Bridge Preventative Maintenance Program	22	2	\$ 140,000	\$ 140,000	\$ 140,000	\$ 140,000	\$ 140,000	\$ 700,000	
Annual Street Paving Program	23	2	\$ 2,000,000	\$ 2,000,000	\$ 2,100,000	\$ 2,200,000	\$ 2,300,000	\$ 10,600,000	
Equipment Replacement	24	2	\$ -	\$ 375,000		\$ -	\$ -	\$ 375,000	
Renovations of Public Works Maintenance Shops	35	2	\$ 275,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 325,000	
New Public Works Facility	36	2	\$ 20,000	\$ 4,000,000	\$ 10,000,000	\$ -	\$ -	\$ 14,020,000	
South Main Street	40	2	\$ -	\$ 1,000,000	\$ 5,000,000	\$ -	\$ -	\$ 6,000,000	\$ 6,300,000
Chicago Ave./Mt. Clinton Pike/Park Rd. Roundabout	41	2	\$ -	\$ 4,380,000	\$ -	\$ -	\$ -	\$ 4,380,000	
Chicago Avenue Improvements	42	2	\$ -	\$ -	\$ -	\$ 450,000	\$ 6,000,000	\$ 6,450,000	
Carlton Street Improvement	45	2	\$ -	\$ 1,000,000	\$ -	\$ 1,000,000	\$ -	\$ 2,000,000	
Bluestone Trail	46	2	\$ -	\$ 200,000	\$ -	\$ 1,500,000	\$ -	\$ 1,700,000	
East Market Street - Exit 247 Improvements MLK to Burgess	48	2	\$ 3,600,000	\$ 1,250,000	\$ 23,295,000	\$ 23,295,000	\$ -	\$ 51,440,000	
University BLVD - Sidewalk	49	2	\$ -	\$ 225,000	\$ 225,000	\$ 275,000	\$ -	\$ 725,000	

<b>Public Works Continued</b>	<b>Page #</b>	<b>Project Priority</b>	<b>FY 2016-2017</b>	<b>FY 2017-2018</b>	<b>FY 2018-2019</b>	<b>FY 2019-2020</b>	<b>FY 2020-2021</b>	<b>TOTAL</b>	<b>Beyond</b>
Stonespring Road/Erickson Avenue Connector	50	2	\$ -	\$ 4,000,000	\$ -	\$ -	\$ -	\$ 4,000,000	
Martin Luther King Jr. Way Widening	53	2	\$ 2,900,000	\$ -	\$ -	\$ -	\$ -	\$ 2,900,000	
East Market Street - Safety Improvement Program	54	2	\$ -	\$ 2,200,000	\$ -	\$ -	\$ -	\$ 2,200,000	
Neff Avenue Improvements	55	2	\$ -	\$ -	\$ -	\$ 400,000	\$ 1,800,000	\$ 2,200,000	
Virginia Ave. - Gay St. to 5th St.	57	2	\$ -	\$ -	\$ -	\$ 425,000	\$ -	\$ 425,000	\$ 3,500,000
Linda Lane Widening	58	2	\$ 500,000	\$ 1,300,000	\$ -	\$ -	\$ -	\$ 1,800,000	
Smithland Road	59	2	\$ -	\$ 500,000	\$ -	\$ 3,750,000	\$ -	\$ 4,250,000	
Safe Routes to School Thomas Harrison M.S.	61	2	\$ 1,125,000	\$ -	\$ -	\$ -	\$ -	\$ 1,125,000	
Hillendale Park to Garbers Church Rd. Trail	62	2	\$ 2,415,000	\$ -	\$ -	\$ -	\$ -	\$ 2,415,000	
Northend Greenway	63	2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,300,000
North Main Street Sidewalk	64	2	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ 600,000	
Reservoir Street Sidewalk	65	2	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	
I-81 Exit 245 Improvements	66	2	\$ 500,000	\$ -	\$ 3,200,000	\$ -	\$ -	\$ 3,700,000	
<b>Department Total</b>			<b>\$ 16,075,000</b>	<b>\$ 22,620,000</b>	<b>\$ 44,810,000</b>	<b>\$ 33,435,000</b>	<b>\$ 10,240,000</b>	<b>\$ 127,180,000</b>	<b>\$ 11,100,000</b>
<b>Parks and Recreation</b>									
Westover Pool UV System	67	2	\$ -	\$ -	\$ -	\$ 90,000	\$ -	\$ 90,000	
Westover Pool Deck Resurfacing and Zero Depth Entry	68	2	\$ 249,000	\$ -	\$ -	\$ -	\$ -	\$ 249,000	
Westover Pool Slide Replacement	69	2	\$ 108,800	\$ -	\$ -	\$ -	\$ -	\$ 108,800	
Westover Pool Resurfacing	70	2	\$ 240,000	\$ -	\$ -	\$ -	\$ -	\$ 240,000	
Purcel Park Pond Renovation	72	2	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000	
Parks Accessibility Improvement Program	73	1	\$ 55,000	\$ 49,500	\$ 55,500	\$ 14,500	\$ -	\$ 174,500	

<b>Parks and Recreation Continued</b>	<b>Page #</b>	<b>Project Priority</b>	<b>FY 2016-2017</b>	<b>FY 2017-2018</b>	<b>FY 2018-2019</b>	<b>FY 2019-2020</b>	<b>FY 2020-2021</b>	<b>TOTAL</b>	<b>Beyond</b>
Skidloader Replacement	74	2	\$ 52,000	\$ -	\$ -	\$ -	\$ -	\$ 52,000	
Program	75	2	\$ 58,000	\$ 115,000	\$ 70,000	\$ 119,500	\$ 113,000	\$ 475,500	
Ralph Sampson Park Improvement Project	76	2	\$ -	\$ 713,530	\$ -	\$ -	\$ -	\$ 713,530	
Ramblewood Park Redevelopment	80	2	\$ 1,795,000	\$ -	\$ -	\$ -	\$ -	\$ 1,795,000	
Athletic Field Lighting Schedule	82	2	\$ -	\$ -	\$ 227,000	\$ 231,000	\$ 235,000	\$ 693,000	
<b>Department Total</b>			<b>\$ 2,607,800</b>	<b>\$ 878,030</b>	<b>\$ 352,500</b>	<b>\$ 455,000</b>	<b>\$ 348,000</b>	<b>\$ 4,641,330</b>	<b>\$ -</b>
<b>Community Development</b>									
Development Ordinance Improvements	83	2	\$ -	\$ 125,000	\$ -	\$ -	\$ -	\$ 125,000	
<b>Department Total</b>			<b>\$ -</b>	<b>\$ 125,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 125,000</b>	<b>\$ -</b>
<b>Parking Services</b>									
Elizabeth Street Deck	84	2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000
Downtown Parking Lot Improvement Program	85	2	\$ -	\$ 40,000	\$ 150,000	\$ -	\$ -	\$ 190,000	
Downtown Parking Deck	86	2	\$ -	\$ -	\$ 750,000	\$ 7,500,000	\$ -	\$ 8,250,000	
<b>Department Total</b>			<b>\$ -</b>	<b>\$ 40,000</b>	<b>\$ 900,000</b>	<b>\$ 7,500,000</b>	<b>\$ -</b>	<b>\$ 8,440,000</b>	<b>\$ 1,500,000</b>
<b>TOTAL GENERAL FUND</b>			<b>\$ 21,918,136</b>	<b>\$ 31,082,240</b>	<b>\$ 46,840,710</b>	<b>\$ 41,579,210</b>	<b>\$ 10,588,000</b>	<b>\$ 152,008,296</b>	<b>\$ 12,600,000</b>
<b>Potential Other Funding, Excluding Bond Funds, Not Included in Available Revenues</b>			<b>\$ (11,654,000)</b>	<b>\$ (11,350,000)</b>	<b>\$ (31,920,000)</b>	<b>\$ (26,420,000)</b>	<b>\$ (1,800,000)</b>	<b>\$ (83,144,000)</b>	<b>\$ (6,900,000)</b>
<b>Anticipated Bond Funds</b>			<b>\$ (1,795,000)</b>	<b>\$ (2,500,000)</b>	<b>\$ (750,000)</b>	<b>\$ (7,500,000)</b>	<b>\$ (6,000,000)</b>	<b>\$ (18,545,000)</b>	<b>\$ (3,500,000)</b>
<b>TOTAL NEEDED FROM GENERAL FUND (EXCLUDING SCHOOLS)</b>			<b>\$ 8,469,136</b>	<b>\$ 17,232,240</b>	<b>\$ 14,170,710</b>	<b>\$ 7,659,210</b>	<b>\$ 2,788,000</b>	<b>\$ 50,319,296</b>	<b>\$ 2,200,000</b>
<b>TOTAL AVAILABLE FROM GENERAL FUND</b>			<b>\$ 4,196,704</b>	<b>\$ 4,208,335</b>	<b>\$ 3,450,760</b>	<b>\$ 3,150,641</b>	<b>\$ 3,580,407</b>	<b>\$ 18,586,847</b>	

# CITY OF HARRISONBURG

## Capital Improvement Program

### Priority 1 & 2 Projects

#### School Fund

FY 2017 through FY 2021

School Fund Project Title	Page #	Project Priority	FY 2016- 2017	FY 2017- 2018	FY 2018- 2019	FY 2019- 2020	FY 2020-2021	TOTAL	Beyond
Upgrade HVAC Controls Stone Spring ES	87	2	\$ -	\$ 53,000	\$ -	\$ -	\$ -	\$ 53,000	\$ -
Storefront Door Replacement Smithland ES & Skyline MS	88	2	\$ -	\$ -	\$ 102,000	\$ -	\$ -	\$ 102,000	\$ -
Chiller Replacement Harrisonburg HS	89	2	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ 300,000	
Renovation/Remodel of Thaomas Harrison MS	90	2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 43,000,000.00
Purchase Land for Additional Capacity	91	2	\$ -	\$ -	\$ 1,000,000	\$ -	\$ -	\$ 1,000,000	\$ -
High School Annex	92	2	\$ -	\$ -	\$ -	\$ -	\$ 50,000,000	\$ 50,000,000	\$ -
Boiler Replacement Stone Spring ES	93	2	\$ 72,000	\$ -	\$ -	\$ -	\$ -	\$ 72,000	\$ -
Air Handler Replacement Spotswood ES	94	2	\$ -	\$ 179,000	\$ -	\$ -	\$ -	\$ 179,000	\$ -
Air Handler Replacement Waterman ES	95	2	\$ 253,000	\$ -	\$ -	\$ -	\$ -	\$ 253,000	\$ -
Chiller Replacement Stone Spring ES	96	2	\$ 135,000	\$ -	\$ -	\$ -	\$ -	\$ 135,000	\$ -
Air Handler Replacement Keister ES	97	2	\$ 253,000	\$ -	\$ -	\$ -	\$ -	\$ 253,000	
<b>TOTAL SCHOOL FUND</b>			<b>\$ 713,000</b>	<b>\$ 232,000</b>	<b>\$ 1,402,000</b>	<b>\$ -</b>	<b>\$ 50,000,000</b>	<b>\$ 52,347,000</b>	<b>\$ 43,000,000</b>
<b>ANTICIPATED BOND FUNDS</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ (50,000,000)</b>	<b>\$ (50,000,000)</b>	<b>\$ (43,000,000)</b>
<b>TOTAL NEEDED FROM SCHOOL FUND</b>			<b>\$ 713,000</b>	<b>\$ 232,000</b>	<b>\$ 1,402,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,347,000</b>	<b>\$ -</b>

**CITY OF HARRISONBURG**  
**Capital Improvement Program**  
**Priority 1 & 2 Projects**  
**Water Fund**  
**FY 2017 through FY 2021**

<b>Department Project Title</b>	<b>Page #</b>	<b>Project Priority</b>	<b>FY 2016-2017</b>	<b>FY 2017-2018</b>	<b>FY 2018-2019</b>	<b>FY 2019-2020</b>	<b>FY 2020-2021</b>	<b>TOTAL</b>	<b>Beyond</b>
Western Raw Waterline	98	2	\$ 1,300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 2,500,000	\$ 13,083,977
Eastern Source Development	99	2	\$ 18,990,960	\$ -	\$ -	\$ -	\$ -	\$ 18,990,960	\$ 33,288,657
Western Potable System	100	2	\$ 139,000	\$ 139,000	\$ 139,000	\$ 139,000	\$ 139,000	\$ 695,000	\$ 2,375,322
Management of Pumping, Storage & Transfer Assets	102	2	\$ 350,000	\$ 350,000	\$ 350,000	\$ 35,000	\$ 350,000	\$ 1,435,000	\$ 3,389,600
Management of Transmission & Distribution of Assets	104	2	\$ 755,184	\$ 755,184	\$ 755,184	\$ 755,184	\$ 755,184	\$ 3,775,920	\$ 6,573,372
Management of Water Treatment Assets	106	2	\$ 135,000	\$ 135,000	\$ 135,000	\$ 135,000	\$ 135,000	\$ 675,000	\$ 1,251,439
Management of Metering System	108	2	\$ 68,000	\$ 68,000	\$ 68,000	\$ 68,000	\$ 68,000	\$ 340,000	\$ 1,519,513
<b>TOTAL WATER FUND</b>			<b>\$ 21,738,144</b>	<b>\$ 1,747,184</b>	<b>\$ 1,747,184</b>	<b>\$ 1,432,184</b>	<b>\$ 1,747,184</b>	<b>\$ 28,411,880</b>	<b>\$ 61,481,880</b>
<b>Contribution to General Fund IT Projects</b>			<b>\$ 267,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 267,000</b>	
<b>Potential Other Funding, Excluding Bond Funds, Not Included in Available Revenues</b>			<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	
<b>Anticipated Bond Funds Not Included in Available Revenues</b>			<b>\$ (1,000,000)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ (1,000,000)</b>	
<b>TOTAL NEEDED FROM WATER FUND</b>			<b>\$ 21,005,144</b>	<b>\$ 1,747,184</b>	<b>\$ 1,747,184</b>	<b>\$ 1,432,184</b>	<b>\$ 1,747,184</b>	<b>\$ 27,678,880</b>	<b>\$ 61,481,880</b>
<b>TOTAL AVAILABLE FROM WATER FUND</b>			<b>\$ 1,064,617</b>	<b>\$ 1,064,481</b>	<b>\$ 1,062,658</b>	<b>\$ 1,065,835</b>	<b>\$ 1,066,841</b>	<b>\$ 5,324,432</b>	

**CITY OF HARRISONBURG**  
**Capital Improvement Program**  
**Priority 1 & 2 Projects**  
**Sewer Fund**  
**FY 2017 through FY 2021**

<b>Department Project Title</b>	<b>Page #</b>	<b>Project Priority</b>	<b>FY 2016-2017</b>	<b>FY 2017-2018</b>	<b>FY 2018-2019</b>	<b>FY 2019-2020</b>	<b>FY 2020-2021</b>	<b>TOTAL</b>	<b>Beyond</b>
Management of Collection & Transmission Assets	109	2	\$ 324,000	\$ 324,000	\$ 324,000	\$ 324,000	\$ 324,000	\$ 1,620,000	\$ 7,368,484
Management of Transfer & Monitoring Assets	110	2	\$ 64,000	\$ 64,000	\$ 64,000	\$ 64,000	\$ 64,000	\$ 320,000	\$ 985,778
Blacks Run Interceptor Upgrade Program	111	2	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,000	\$ 6,896,391
<b>TOTAL SEWER FUND</b>			<b>\$ 588,000</b>	<b>\$ 2,940,000</b>	<b>\$ 15,250,653</b>				
<b>Contribution to General Fund IT Projects</b>			<b>\$ 267,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 267,000</b>	
<b>Potential Other Funding, Not Included in Available Revenues</b>			<b>\$ -</b>						
<b>Anticipated Bond Funds Not Included in Available Revenues</b>			<b>\$ -</b>						
<b>TOTAL NEEDED FROM SEWER FUND</b>			<b>\$ 855,000</b>	<b>\$ 588,000</b>	<b>\$ 588,000</b>	<b>\$ 588,000</b>	<b>\$ 588,000</b>	<b>\$ 3,207,000</b>	<b>\$ 15,250,653</b>
<b>TOTAL AVAILABLE FROM SEWER FUND</b>			<b>\$ 573,400</b>	<b>\$ 614,052</b>	<b>\$ 662,209</b>	<b>\$ 700,248</b>	<b>\$ 738,354</b>	<b>\$ 3,288,263</b>	

**CITY OF HARRISONBURG**  
**Capital Improvement Program**  
**Priority 1 & 2 Projects**  
**School Transportation Fund**  
**FY 2017 through FY 2021**

<b>Department Project Title</b>	<b>Page #</b>	<b>Project Priority</b>	<b>FY 2016-2017</b>	<b>FY 2017-2018</b>	<b>FY 2018-2019</b>	<b>FY 2019-2020</b>	<b>FY 2020-2021</b>	<b>TOTAL</b>	<b>Beyond</b>
School Buses	112	2	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 4,000,000	
<b>TOTAL SCHOOL TRANSPORTATION FUND</b>			<b>\$ 800,000</b>	<b>\$ 4,000,000</b>	<b>\$ -</b>				
<b>TOTAL AVAILABLE FROM SCHOOL TRANSPORTATION FUND</b>			<b>\$ 325,901</b>	<b>\$ 337,204</b>	<b>\$ 348,926</b>	<b>\$ 361,081</b>	<b>\$ 373,685</b>	<b>\$ 1,746,797</b>	

**CITY OF HARRISONBURG**  
**Capital Improvement Program**  
**Priority 1 & 2 Projects**  
**Public Transportation Fund**  
**FY 2017 through 2021**

<b>Department Project Title</b>	<b>Page #</b>	<b>Project Priority</b>	<b>FY 2016-2017</b>	<b>FY 2017-2018</b>	<b>FY 2018-2019</b>	<b>FY 2019-2020</b>	<b>FY 2020-2021</b>	<b>TOTAL</b>	<b>Beyond</b>
Transit Buses	113	2	\$ 3,360,000	\$ 65,000	\$ 3,140,000	\$ 3,510,000	\$ 280,000	\$ 10,355,000	
<b>TOTAL PUBLIC TRANSPORTATION FUND</b>			<b>\$ 3,360,000</b>	<b>\$ 65,000</b>	<b>\$ 3,140,000</b>	<b>\$ 3,510,000</b>	<b>\$ 280,000</b>	<b>\$ 10,355,000</b>	
<b>Potential Other Funding Not Included in Available Revenues</b>			<b>\$ (3,024,000)</b>	<b>\$ (58,500)</b>	<b>\$ (2,826,000)</b>	<b>\$ (3,159,000)</b>	<b>\$ (252,000)</b>	<b>\$ (9,319,500)</b>	
<b>TOTAL NEEDED FROM PUBLIC TRANSPORTATION FUND</b>			<b>\$ 336,000</b>	<b>\$ 6,500</b>	<b>\$ 314,000</b>	<b>\$ 351,000</b>	<b>\$ 28,000</b>	<b>\$ 1,035,500</b>	
<b>TOTAL AVAILABLE FROM PUBLIC TRANSPORTATION FUND</b>			<b>\$ 59,892</b>	<b>\$ 23,152</b>	<b>\$ (15,221)</b>	<b>\$ (55,285)</b>	<b>\$ (97,100)</b>	<b>\$ (84,562)</b>	

**CITY OF HARRISONBURG**

**Capital Improvement Program**

**Priority 1 & 2 Projects**

**Sanitation Fund**

**FY 2017 through FY 2021**

<b>Sanitation Plant Fund Project Title</b>	<b>Page #</b>	<b>Project Priority</b>	<b>FY 2016- 2017</b>	<b>FY 2017-2018</b>	<b>FY 2018-2019</b>	<b>FY 2019- 2020</b>	<b>FY 2020- 2021</b>	<b>TOTAL</b>	<b>Beyond</b>
Solid Waste Transfer Station	114	1	\$ 3,000,000	\$ -	\$ -	\$ -	\$ -	\$ 3,000,000	\$ -
City Landfill Closure & Monitoring	115	1	\$ 85,000	\$ 90,000	\$ 95,000	\$ 100,000	\$ 105,000	\$ 475,000	\$ 1,403,600
Transfer Truck Solid Waste	116	2	\$ 200,000	\$ 120,000	\$ 280,000	\$ -	\$ -	\$ 600,000	\$ 300,000.00
<b>TOTAL SANITATION FUND</b>			<b>\$ 3,285,000</b>	<b>\$ 210,000</b>	<b>\$ 375,000</b>	<b>\$ 100,000</b>	<b>\$ 105,000</b>	<b>\$ 4,075,000</b>	<b>\$ 1,703,600</b>
<b>TOTAL NEEDED FROM SANITATION FUND</b>			<b>\$ 3,285,000</b>	<b>\$ 210,000</b>	<b>\$ 375,000</b>	<b>\$ 100,000</b>	<b>\$ 105,000</b>	<b>\$ 4,075,000</b>	<b>\$ 1,703,600</b>
<b>TOTAL AVAILABLE FROM SANITATION FUND</b>			<b>\$ (772,787)</b>	<b>\$ (788,260)</b>	<b>\$ (786,127)</b>	<b>\$ (312,495)</b>	<b>\$ (306,814)</b>	<b>\$ (2,966,483)</b>	

**CITY OF HARRISONBURG**  
**Capital Improvement Program**  
**Priority 1 & 2 Projects**  
**Stormwater Fund**  
**FY 2017 through FY 2021**

<b>Department Project Title</b>	<b>Page #</b>	<b>Project Priority</b>	<b>FY 2016-2017</b>	<b>FY 2017-2018</b>	<b>FY 2018-2019</b>	<b>FY 2019-2020</b>	<b>FY 2020-2021</b>	<b>TOTAL</b>	<b>Beyond</b>
Drainage and Stormwater Program (MS4 VPDES Permit)	119	1	\$ 135,000	\$ 135,000	\$ 135,000	\$ 135,000	\$ 135,000	\$ 675,000	
Stormwater Improvement Plan	120	2	\$ 100,000	\$ 100,000	\$ 50,000	\$ -	\$ -	\$ 250,000	
Waterman Dr. Storm Drain Improvements	121	2	\$ -	\$ -	\$ 260,000	\$ 750,000	\$ 2,600,000	\$ 3,610,000	
Downtown Bioretention&Bump-Outs	122	2	\$ 140,000	\$ 140,000	\$ -	\$ -	\$ -	\$ 280,000	
Lucy Simms/Ralph Sampson Park Stormwater Improvement Projects	123	2	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000	
<b>TOTAL STORMWATER FUND</b>			<b>\$ 575,000</b>	<b>\$ 375,000</b>	<b>\$ 445,000</b>	<b>\$ 885,000</b>	<b>\$ 2,735,000</b>	<b>\$ 5,015,000</b>	<b>\$ -</b>
<b>Potential Other Funding, Excluding Bond Funds, Not Included in Available Revenues</b>			<b>\$ -</b>						
<b>TOTAL NEEDED FROM STORMWATER FUND</b>			<b>\$ 575,000</b>	<b>\$ 375,000</b>	<b>\$ 445,000</b>	<b>\$ 885,000</b>	<b>\$ 2,735,000</b>	<b>\$ 5,015,000</b>	<b>\$ -</b>
<b>TOTAL AVAILABLE FROM STORMWATER FUND</b>			<b>\$ 1,439,729</b>	<b>\$ 1,423,807</b>	<b>\$ 1,407,406</b>	<b>\$ 1,390,514</b>	<b>\$ 1,373,115</b>	<b>\$ 7,034,571</b>	

**CITY OF HARRISONBURG**  
**5 Year Capital Improvement Request by Fund**  
**Priority 1 and 2 Projects by Fund**  
**FY 2017 through FY 2021**

<b>FUND</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>TOTAL</b>
General Fund	\$ 21,918,136	\$ 31,082,240	\$ 46,840,710	\$ 41,579,210	\$ 10,588,000	\$ 152,008,296
School Fund	\$ 713,000	\$ 232,000	\$ 1,402,000	\$ -	\$ 50,000,000	\$ 52,347,000
Water	\$ 21,738,144	\$ 1,747,184	\$ 1,747,184	\$ 1,432,184	\$ 1,747,184	\$ 28,411,880
Sewer	\$ 588,000	\$ 588,000	\$ 588,000	\$ 588,000	\$ 588,000	\$ 2,940,000
School Transportation	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 4,000,000
Public Transportation	\$ 3,360,000	\$ 65,000	\$ 3,140,000	\$ 3,510,000	\$ 280,000	\$ 10,355,000
Sanitation Fund	\$ 3,285,000	\$ 210,000	\$ 375,000	\$ 100,000	\$ 105,000	\$ 4,075,000
Stormwater Fund	\$ 575,000	\$ 375,000	\$ 445,000	\$ 885,000	\$ 2,735,000	\$ 5,015,000
<b>Subtotal</b>	<b>\$ 52,977,280</b>	<b>\$ 35,099,424</b>	<b>\$ 55,337,894</b>	<b>\$ 48,894,394</b>	<b>\$ 66,843,184</b>	<b>\$ 259,152,176</b>
Total Available from Other Sources (Includes anticipated bond funds not included in available funds)	\$ (17,473,000)	\$ (13,908,500)	\$ (35,496,000)	\$ (37,079,000)	\$ (58,052,000)	\$ (162,008,500)
<b>TOTAL NEEDED BY ALL FUNDS</b>	<b>\$ 35,504,280</b>	<b>\$ 21,190,924</b>	<b>\$ 19,841,894</b>	<b>\$ 11,815,394</b>	<b>\$ 8,791,184</b>	<b>\$ 97,143,676</b>
<b>TOTAL AVAILABLE FROM ALL FUNDS</b>	<b>\$ 6,887,456</b>	<b>\$ 6,882,771</b>	<b>\$ 6,130,611</b>	<b>\$ 6,300,539</b>	<b>\$ 6,728,488</b>	<b>\$ 32,929,865</b>

**CITY OF HARRISONBURG**  
**5 Year Capital Improvement Request by Department**  
**FY 2017 through FY 2021**

<b>DEPARTMENT</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>TOTAL</b>
Information Technology	\$ 1,650,000	\$ 1,230,000	\$ 80,000	\$ -	\$ -	\$ 2,960,000
Police	\$ 310,336	\$ 2,500,000	\$ -	\$ -	\$ -	\$ 2,810,336
Fire	\$ 150,000	\$ 1,352,852	\$ 887,420	\$ 378,420	\$ 1,081,200	\$ 3,849,892
Emergency Communications Center	\$ 1,125,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ 2,125,000
General Properties	\$ 1,000,000	\$ 2,922,000	\$ -	\$ -	\$ -	\$ 3,922,000
Public Works	\$ 18,900,000	\$ 31,552,000	\$ 54,660,000	\$ 51,755,000	\$ 11,040,000	\$ 167,907,000
Parks and Recreation	\$ 5,577,800	\$ 5,784,030	\$ 632,500	\$ 695,000	\$ 348,000	\$ 13,037,330
Community Development	\$ -	\$ 125,000	\$ -	\$ -	\$ -	\$ 125,000
Parking Services	\$ -	\$ 40,000	\$ 900,000	\$ 7,500,000	\$ -	\$ 8,440,000
Schools	\$ 713,000	\$ 232,000	\$ 1,402,000	\$ -	\$ 50,000,000	\$ 52,347,000
Water	\$ 22,005,144	\$ 1,747,184	\$ 1,747,184	\$ 1,432,184	\$ 1,747,184	\$ 28,678,880
Sewer	\$ 855,000	\$ 588,000	\$ 588,000	\$ 588,000	\$ 588,000	\$ 3,207,000
Transportation (combined School and Transit)	\$ 4,160,000	\$ 865,000	\$ 3,940,000	\$ 4,310,000	\$ 1,080,000	\$ 14,355,000
Sanitation	\$ 3,525,000	\$ 210,000	\$ 840,000	\$ 700,000	\$ 175,000	\$ 5,450,000
Stormwater	\$ 575,000	\$ 375,000	\$ 445,000	\$ 885,000	\$ 2,735,000	\$ 5,015,000
<b>Subtotal</b>	<b>\$ 60,546,280</b>	<b>\$ 50,523,066</b>	<b>\$ 66,122,104</b>	<b>\$ 68,243,604</b>	<b>\$ 68,794,384</b>	<b>\$ 314,229,438</b>
Total Available from Other Sources (Includes anticipated bond funds not included in available funds)	\$ (22,018,000)	\$ (24,595,500)	\$ (42,346,000)	\$ (48,149,000)	\$ (58,052,000)	\$ (195,160,500)
<b>TOTAL NEEDED BY ALL DEPTS.</b>	<b>\$ 38,528,280</b>	<b>\$ 25,927,566</b>	<b>\$ 23,776,104</b>	<b>\$ 20,094,604</b>	<b>\$ 10,742,384</b>	<b>\$ 119,068,938</b>
<b>TOTAL AVAILABLE FROM ALL FUNDS</b>	<b>\$ 6,887,456</b>	<b>\$ 6,882,771</b>	<b>\$ 6,130,611</b>	<b>\$ 6,300,539</b>	<b>\$ 6,728,488</b>	<b>\$ 32,929,865</b>

**CITY OF HARRISONBURG**  
**5 Year Capital Improvement Request by Fund**  
**FY 2017 through FY 2021**

<b>FUND</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>	<b>FY 2019-20</b>	<b>FY 2020-21</b>	<b>TOTAL</b>
General Fund	\$ 28,713,136	\$ 46,505,882	\$ 57,159,920	\$ 60,328,420	\$ 12,469,200	\$ 205,176,558
Schools	\$ 713,000	\$ 232,000	\$ 1,402,000	\$ -	\$ 50,000,000	\$ 52,347,000
Water	\$ 22,005,144	\$ 1,747,184	\$ 1,747,184	\$ 1,432,184	\$ 1,747,184	\$ 28,678,880
Sewer	\$ 855,000	\$ 588,000	\$ 588,000	\$ 588,000	\$ 588,000	\$ 3,207,000
School Transportation	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 4,000,000
Public Transportation	\$ 3,360,000	\$ 65,000	\$ 3,140,000	\$ 3,510,000	\$ 280,000	\$ 10,355,000
Sanitation	\$ 3,525,000	\$ 210,000	\$ 840,000	\$ 700,000	\$ 175,000	\$ 5,450,000
Stormwater	\$ 575,000	\$ 375,000	\$ 445,000	\$ 885,000	\$ 2,735,000	\$ 5,015,000
<b>Subtotal</b>	<b>\$ 60,546,280</b>	<b>\$ 50,523,066</b>	<b>\$ 66,122,104</b>	<b>\$ 68,243,604</b>	<b>\$ 68,794,384</b>	<b>\$ 314,229,438</b>
Total Available from Other Sources (Includes anticipated bond funds not included in available funds)	\$ (22,018,000)	\$ (24,595,500)	\$ (42,346,000)	\$ (48,149,000)	\$ (58,052,000)	\$ (195,160,500)
<b>TOTAL NEEDED BY ALL FUNDS</b>	<b>\$ 38,528,280</b>	<b>\$ 25,927,566</b>	<b>\$ 23,776,104</b>	<b>\$ 20,094,604</b>	<b>\$ 10,742,384</b>	<b>\$ 119,068,938</b>
<b>TOTAL AVAILABLE FROM ALL FUNDS</b>	<b>\$ 6,887,456</b>	<b>\$ 6,882,771</b>	<b>\$ 6,130,611</b>	<b>\$ 6,300,539</b>	<b>\$ 6,728,488</b>	<b>\$ 32,929,865</b>



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** New Water Billing Software

**Project Code:** IT-NSP01

**Project Priority:** Priority 2

**Department:** 122011

**Project Type:** REPLACEMENT

**Status:** Active

**Start Date (FYE):** FY2017

**Completion Date (FYE):** FY2017

**Description:**

Replace the current Utility Billing System.

**Justifications:**

- Mandated
- Remove hazards
- Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Explanation:**

The current Utility Billing software is 14 years old, lacking in many newly required functionality, heavily customized, and requires a high level of support from the IT department. A new system will provide features such as GIS integration, e-mail notification, online account maintenance, landlord/management functionality that the current system either lacks or has been internally modified to support.

**Alternative:**

None, the software will soon become vendor unsupported. IT resources will need to be expanded to support and possibly update the software at a higher long term cost than replacement.

**Goals/Objectives/  
Strategies:**

- O 11.1
- O 11.2
- S 11.5.9
- O 11.7
- O 12.1

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction								\$0
Equipment		\$800,000						\$800,000
Other Expenses								\$0
<b>Total</b>	<b>\$0</b>	<b>\$800,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$800,000</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue		\$266,000						\$266,000
Enterprise Revenue		\$534,000						\$534,000
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$0</b>	<b>\$800,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$800,000</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating		\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$720,000
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>	<b>\$120,000</b>	<b>\$120,000</b>	<b>\$120,000</b>	<b>\$120,000</b>	<b>\$120,000</b>	<b>\$120,000</b>	<b>\$720,000</b>



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Storage System Replacement

**Project Code:** IT-NSP02

**Project Priority:** Priority 2

**Department:** 122011

**Project Type:** REPLACEMENT

**Status:** Active

**Start Date (FYE):** FY2018

**Completion Date (FYE):** FY2019

**Description:**

Replace the City's Data Center Storage components with the latest technology. Data Storage supports all aspects of the Comprehensive Plan by providing a secure repository for documents and applications utilized by the City departments.

**Justifications:**

- Mandated
- Remove hazards
- x-Maintains service
- Increase efficiency
- Increase revenues
- Improves service
- New service
- Convenience
- Other

**Explanation:**

The City's main storage system was purchased in August 2011, The current Business Continuity storage was purchased in August of 2012. Product support ends 12/31/2020. We are spacing the purchases out over two fiscal years to lessen the financial commitment and resources necessary for transferring systems.

**Alternative:**

Continue to use the system until it degrades, then replace. This could result in permanent data loss and is not recommended.  
Cloud storage would require an upgraded internet connection. Estimates are that it would cost an additional \$5,000 per month for internet access,\$600 per month for storage capacity, an additional \$600 per month for access to the data, and about \$1500 per month for processing requirements for servers residing in the cloud. Annual costs would exceed the cost of the equipment and maintenance.

**Goals/Objectives/  
Strategies:**

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction								\$0
Equipment			\$80,000	\$80,000				\$160,000
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$80,000	\$80,000	\$0	\$0	\$0	\$160,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue			\$80,000	\$80,000				\$160,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$80,000	\$80,000	\$0	\$0	\$0	\$160,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating				\$10,000	\$20,000	\$20,000	\$90,000	\$140,000
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$10,000	\$20,000	\$20,000	\$90,000	\$140,000



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Financial Needs Assessment

**Project Code:** IT-SP004

**Project Priority:** Priority 2

**Department:** 122011

**Project Type:** IMPROVEMENT

**Status:** Active

**Start Date (FYE):** FY2017

**Completion Date (FYE):** FY2017

**Description:**

Perform Audit and Analysis on current financial software system.

**Justifications:**

Mandated  
Remove hazards  
Maintains service  
x-Increase efficiency  
x-Increase revenues  
x-Improves service  
New service  
Convenience  
Other

**Explanation:**

Current Financial Package which includes Fund Accountant, Purchasing, Budget Preparation, Human Resources, Warehouse Inventory, and Fixed Assets has challenges in the current environment. Departments have been filling the gaps in functionality with third party applications and spreadsheets. The goal will be to perform a Business Process Analysis on the current software, to create a needs assessment document, and translate that into functional and technical requirements to either present to our current vendor or create an RFP. 2017 numbers would represent the possible cost of replacement of the system.

**Alternative:**

Utilize third party programs to augment the functionality of the software to meet users needs.

**Goals/Objectives/  
Strategies:**

O 1.1  
S 10.2.10  
S 11.3.10  
S 11.4.2  
S 14.1.4

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning		\$250,000						\$250,000
Land								\$0
Construction								\$0
Equipment		\$600,000						\$600,000
Other Expenses								\$0
<b>Total</b>	\$0	\$850,000	\$0	\$0	\$0	\$0	\$0	\$850,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue		\$850,000						\$850,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$850,000	\$0	\$0	\$0	\$0	\$0	\$850,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating			\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Training Management Software

**Project Code:** IT-SP006

**Project Priority:** Priority 2

**Project Type:** IMPROVEMENT

**Start Date (FYE):** FY2018

**Department:** 122011

**Status:** Active

**Completion Date (FYE):** FY2018

**Description:**

Develop a system for tracking and reporting employee training, licenses, and certifications. The goals will be to centralize the administration of training records, reduce the paper based tracking and maintenance, allow at-a-glance listing of all completed training, and proactive notifications for expiring certifications and licenses.

**Justifications:**

- Mandated
- Remove hazards
- Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- x-New service
- x-Convenience
- Other

**Explanation:**

The City utilizes several different manual processes for tracking the training history and requirements for employees in different departments. The need for a standardized platform that can be utilized by all departments to satisfy their's and any state mandated training. The process will include: developing policies and procedures regarding employee training, evaluating current software for suitability, and then either purchasing modifications or a new software package that can handle the diverse needs of the enterprise.

**Goals/Objectives/  
Strategies:**

- S 3.2.3
- O 5.4
- S 11.3.1
- S 11.6.2
- S 17.3.5

**Alternative:**

Continue to have departments maintain their own records in Excel/Access/paper.

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction								\$0
Equipment			\$100,000					\$100,000
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue			\$100,000					\$100,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating			\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Electronic Time Entry System

**Project Code:** IT-SP010

**Project Priority:** Priority 2

**Department:** 122011

**Project Type:** ADDITION & REPLACEMENT

**Status:** Active

**Start Date (FYE):** FY2018

**Completion Date (FYE):** FY2018

**Description:**

Create an enterprise-wide timecard system that will be utilized by those departments requiring time card management. The system will also include an interface into the current Human Resources system to reduce manual keying of time card data.

**Justifications:**

Mandated  
Remove hazards  
x-Maintains service  
x-Increase efficiency  
Increase revenues  
x-Improves service  
New service  
x-Convenience  
Other

**Explanation:**

Currently there are at least 4 different time card systems in use with the City. Each of these systems works independent of each other and the Human Resources package the City utilizes to perform payroll functions. The System will allow all departments the ability to use the time card system, extract necessary reports, and automate the keying of timecard data from this system into the Human Resources System

**Alternative:**

Maintain multiple units and have staff continue to key from paper reports derived from their individual system.

**Goals/Objectives/  
Strategies:**

G 11  
O 18.5

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction								\$0
Equipment			\$300,000					\$300,000
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$300,000	\$0	\$0	\$0	\$0	\$300,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue			\$250,000					\$250,000
Enterprise Revenue			\$50,000					\$50,000
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$300,000	\$0	\$0	\$0	\$0	\$300,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating			\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$225,000
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$225,000



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Citizen Inquiry Application

**Project Code:** IT-SP012

**Project Priority:** Priority 2

**Department:** 122011

**Project Type:** ADDITION & RENOVATION

**Status:** Active

**Start Date (FYE):** FY2018

**Completion Date (FYE):** FY2018

**Description:**

Create an enterprise wide system for tracking Citizen inquiries and requests.

**Justifications:**

- Mandated
- Remove hazards
- Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- x-New service
- x-Convenience
- Other

**Explanation:**

Currently requests are channeled to the proper department, but requests requiring multiple departments must be managed manually. There is also no oversight or tracking, so if management at departmental or City level wishes to get an update on an issue, it could possibly take considerable time and resources to find the answer.

**Alternative:**

Continue to manually track citizen inquiries separately in each department.

**Goals/Objectives/  
Strategies:**

- O 3.1
- S 6.2.2
- S 7.4.4
- S 8.3.3
- S 8.4.3
- S 9.5.3
- O 10.5
- S 11.3.2
- O 11.6
- S 15.3.1
- G 17

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction								\$0
Equipment			\$250,000					\$250,000
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$250,000	\$0	\$0	\$0	\$0	\$250,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue			\$250,000					\$250,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$250,000	\$0	\$0	\$0	\$0	\$250,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating				\$37,500	\$37,500	\$37,500	\$37,500	\$150,000
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$37,500	\$37,500	\$37,500	\$37,500	\$150,000



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Document Management System

**Project Code:** IT-SP008

**Project Priority:** Priority 2

**Department:** 122011

**Project Type:** ADDITION

**Status:** Active

**Start Date (FYE):** FY2018

**Completion Date (FYE):** FY2018

**Description:**

Create an enterprise-wide document management system. This system will reduce the abundance of paper-based systems, increase efficiency of staff, increase document security, improve compliance with state and federal regulations.

**Justifications:**

Mandated  
Remove hazards  
x-Maintains service  
x-Increase efficiency  
Increase revenues  
x-Improves service  
x-New service  
x-Convenience  
Other

**Explanation:**

The City has acknowledged the need for a document management system. Several departments and started filing documents on network resources in anticipation of such a system, but many still have file folders full of paper documents that require manual intervention and little security. The new system will address the physical storage, manual retrieval process and security requirements for documents in the enterprise.

**Alternative:**

Continue to utilize manual processes in an inefficient manner. Research other methods of securing sensitive documents in the enterprise.

**Goals/Objectives/  
Strategies:**

O 8.5  
S 11.5.3  
S 11.5.5

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction								\$0
Equipment			\$500,000					\$500,000
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$500,000	\$0	\$0	\$0	\$0	\$500,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue			\$500,000					\$500,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$500,000	\$0	\$0	\$0	\$0	\$500,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating				\$75,000	\$75,000	\$75,000	\$75,000	\$300,000
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$75,000	\$75,000	\$75,000	\$75,000	\$300,000



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Firearms range and classroom relocation

**Project Code:** PD1

**Project Priority:** Priority 2

**Department:** 310231

**Project Type:** REPLACEMENT

**Status:** Active

**Start Date (FYE):** 2016

**Completion Date (FYE):** 2016

**Description:**

Expand HPD rifle range on the I-81 side of the Ramblewood property to replace the existing range and construction of a 1,000 square foot classroom to replace existing building.

**Justifications:**

Mandated  
 x-Remove hazards  
 x-Maintains service  
 Increase efficiency  
 Increase revenues  
 Improves service  
 New service  
 Convenience  
 Other

**Explanation:**

As part of the Ramblewood Park redevelopment, it was determined that it was not optimal to have a firearms training facility on the same side of Blacks Run as bike and pedestrian paths, Frisbee golf, etc. It was decided that the area of the site on the interstate side of Blacks Run would be devoted to the PD training facility and firearms range and that the classroom would be constructed at that area, leaving the existing building to be used by Parks and Recreation. The rifle range and pistol range will have heightened and extended berms to optimize safety and reduce noise.

**Goals/Objectives/  
Strategies:**

O 13.3

**Alternative:**

There is no workable alternative to this solution that would not compromise the issues of safety and noise abatement.

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning		\$30,000						\$30,000
Land								\$0
Construction		\$280,336						\$280,336
Equipment								\$0
Other Expenses								\$0
Total	\$0	\$310,336	\$0	\$0	\$0	\$0	\$0	\$310,336

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue		\$310,336						\$310,336
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
Total	\$0	\$310,336	\$0	\$0	\$0	\$0	\$0	\$310,336

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** HPD Records Management & Crime Analysis System

**Project Code:** CIP2014

**Project Priority:** Priority 2

**Department:** 310431

**Project Type:** REPLACEMENT

**Status:** Active

**Start Date (FYE):** 2014

**Completion Date (FYE):** 2017

**Description:**

Purchase and replace the Harrisonburg Police Department (HPD) Records Management System. The company that owned, maintained and supported the software, DaPro Systems, is no longer in business as of April 1, 2015.

**Explanation:**

HPD is in urgent need of a comprehensive and efficient Records Management/Crime Analysis System with integrated features and interfaces built into the software. The RMS software does not, nor will it allow for crime data analysis or comparison – only one warrant, offender or suspect can be viewed at any given time. The software does not meet the needs of a mid-sized LE agency or geo-policing. Data cannot be extracted or manipulated into custom reports. Canned reports take an hour to process, preventing the users from access to their computer during this time.

The former company's law enforcement customers are seeking a new product now that DaPro has shut its doors. Although every patrol car is outfitted with a computer (MDT) the software does not allow officers the ability to write an incident report in their car which is standard industry practice. Instead, each officer must return to the PD in order to write a police report. Because DaPro is now out of business, there will be no upgrades or software support for our RMS system. This software utilized by HPD maintains all law enforcement records, criminal information and activity in the City of Harrisonburg.

The funds requested are for one integrated system that will include records management, mobile CAD & field reporting as well as the computer aided dispatching (CAD) software used by ECC. DaPro Systems was the company that formerly provided this integrated software for both HPD and ECC. Consequently, both agencies will need to purchase one all-encompassing system in order for the continued sharing and analysis of crime data.

**Alternative:**

There is not a workable solution. The current RMS company is now out of business. It is imperative that a reputable, industry-recognized Records Management System software be purchased to fulfill the RMS needs of a mid-size, police agency that engages in geo-policing and crime analysis.

**Justifications:**

- Mandated
- Remove hazards
- x-Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Goals/Objectives/  
Strategies:**

- S 1.2.2
- G 10
- O 10.1
- S 10.1.8
- O 10.5
- S 10.5.1
- O 10.7
- O 11.6
- S 11.6.1
- O 13.1
- O 13.3
- S 15.1.3
- O 16.3

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning	\$80,000							\$80,000
Land								\$0
Construction								\$0
Equipment			\$2,500,000					\$2,500,000
Other Expenses								\$0
<b>Total</b>	<b>\$80,000</b>	<b>\$0</b>	<b>\$2,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,580,000</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue			\$2,500,000					\$2,500,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,500,000</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating	\$80,000							\$80,000
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$80,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$80,000</b>



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** FIRE STATION 5 (PARK VIEW)

**Project Code:** FS5

**Project Priority:** Priority 3

**Department:** 320132

**Project Type:** NEW

**Status:** Active

**Start Date (FYE):** 2017

**Completion Date (FYE):** 2018

**Description:**

New fire station for the Park View area, which will improve response times to this area. When this station is built 12 additional personnel will have to be hired, and another fire engine will have to be purchased. Station is projected to be approximately 5,000 sq. ft. @ \$184 per sq. ft. Architects fees projected at 6%.

**Justifications:**

- Mandated
- Remove hazards
- Maintains service
- Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Explanation:**

Response times to this area are the longest of any in the city. The addition of this station will reduce response times, and provide better services to the residents of this area. Approximately 1/2 acre of land will be needed for this project.

**Alternative:**

Relocate existing Fire Station 4 to an area which will continue to serve its existing area, as well as better serve the Park View area.

**Goals/Objectives/  
Strategies:**

S 13.3.2

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning			\$55,157					\$55,157
Land								\$0
Construction			\$919,275					\$919,275
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$974,432	\$0	\$0	\$0	\$0	\$974,432

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue			\$974,432					\$974,432
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$974,432	\$0	\$0	\$0	\$0	\$974,432

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel			\$714,533	\$728,824	\$743,400	\$758,268	\$773,433	\$3,718,458
Operating			\$14,478	\$15,202	\$15,962	\$16,761	\$17,598	\$80,001
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$729,011	\$744,026	\$759,362	\$775,029	\$791,031	\$3,798,459



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Self Contained Breathing Apparatus Replacement

**Project Code:** SCBAR

**Project Priority:** Priority 1

**Department:** 320132

**Project Type:** REPLACEMENT

**Status:** Active

**Start Date (FYE):** 2019

**Completion Date (FYE):** 2019

**Description:**

Replace the self contained breathing apparatus for the department. We currently have 55 air packs and 117 spare bottles.

**Justifications:**

- x-Mandated
- Remove hazards
- Maintains service
- Increase efficiency
- Increase revenues
- Improves service
- New service
- Convenience
- x-Other

**Explanation:**

The current self contained breathing apparatus bottles expire in 2019. The Department of Transportation (DOT) has imposed a 15 year shelf life for these bottles and they cannot be used after this date. We will seek a grant to assist with this project, however, if we are unsuccessful with grant acquisition, the burden will fall to the general fund.

**Alternative:**

No alternative that does not violate DOT standards.

**Goals/Objectives/  
Strategies:**

O 13.3

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction								\$0
Equipment				\$509,000				\$509,000
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$0	\$509,000	\$0	\$0	\$0	\$509,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue				\$509,000				\$509,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$0	\$509,000	\$0	\$0	\$0	\$509,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Cardiac Monitor Replacement

**Project Code:** CMR

**Project Priority:** Priority 1

**Department:** 320132

**Project Type:** REPLACEMENT

**Status:** Active

**Start Date (FYE):** 2017

**Completion Date (FYE):** 2017

**Description:**

The department has six (6) cardiac monitors that are now ten years old. They are requiring more maintenance based on age and daily use. The devices are reaching their expected life span based on use and technology.

**Justifications:**

Mandated  
Remove hazards  
x-Maintains service  
Increase efficiency  
Increase revenues  
Improves service  
New service  
Convenience  
Other

**Explanation:**

Cardiac monitors are used for the recognition and treatment of cardiac conditions including cardiac arrest. These devices also carry diagnostic equipment to assess vital signs. Our current cardiac monitors do not have all of the technology that is useful in the provision of emergency medical services.

**Goals/Objectives/  
Strategies:**

O 13.3

**Alternative:**

Use the current monitors until they are no longer serviceable.

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction								\$0
Equipment		\$150,000						\$150,000
Other Expenses								\$0
<b>Total</b>	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue		\$150,000						\$150,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Fire Engine Replacement

**Project Code:** FER

**Project Priority:** Priority 2

**Department:** 320132

**Project Type:** NEW

**Status:** Active

**Start Date (FYE):** 2017

**Completion Date (FYE):** 2019

**Description:**

Replacement of a fire engine, to be purchased on a 3 year contract agreement.

**Justifications:**

- Mandated
- Remove hazards
- x-Maintains service
- Increase efficiency
- Increase revenues
- Improves service
- New service
- Convenience
- Other

**Explanation:**

Engine 26 is 15 years old in 2015. This is the point we consider replacement based on condition and maintenance costs. The Fire Department coordinates with Central Garage to determine the appropriate replacement time.

**Alternative:**

Use existing Reserve Engine, if mechanically sound, until such time as it needs to be replaced.

**Goals/Objectives/  
Strategies:**

O 13.3

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction								\$0
Equipment			\$189,210	\$189,210	\$189,210			\$567,630
Other Expenses								\$0
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$189,210</b>	<b>\$189,210</b>	<b>\$189,210</b>	<b>\$0</b>	<b>\$0</b>	<b>\$567,630</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue			\$189,210	\$189,210	\$189,210			\$567,630
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$189,210</b>	<b>\$189,210</b>	<b>\$189,210</b>	<b>\$0</b>	<b>\$0</b>	<b>\$567,630</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating			\$3,758	\$3,945	\$4,143	\$4,350	\$4,567	\$20,763
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,758</b>	<b>\$3,945</b>	<b>\$4,143</b>	<b>\$4,350</b>	<b>\$4,567</b>	<b>\$20,763</b>



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** FIRE ENGINE - STATION 5

**Project Code:** FE5

**Project Priority:** Priority 3

**Department:** 320132

**Project Type:** NEW

**Status:** Active

**Start Date (FYE):** 2018

**Completion Date (FYE):** 2020

**Description:**

Additional fire engine for Park View Station. To be purchased on a 3 year contract agreement.

**Justifications:**

Mandated  
Remove hazards  
Maintains service  
Increase efficiency  
Increase revenues  
x-Improves service  
New service  
Convenience  
Other

**Explanation:**

Provides better response times to that area of the City.

**Goals/Objectives/  
Strategies:**

S 13.3.2

**Alternative:**

Use existing reserve engine, if mechanically sound, until such time as it needs to be replaced.

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction								\$0
Equipment			\$189,210	\$189,210	\$189,210			\$567,630
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$189,210	\$189,210	\$189,210	\$0	\$0	\$567,630

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue			\$189,210	\$189,210	\$189,210			\$567,630
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$189,210	\$189,210	\$189,210	\$0	\$0	\$567,630

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating			\$3,758	\$3,945	\$4,143	\$4,350		\$16,196
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$3,758	\$3,945	\$4,143	\$4,350	\$0	\$16,196



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Structural Burn Building

**Project Code:** SBB

**Project Priority:** Priority 3

**Department:** 320132

**Project Type:** NEW

**Status:** Active

**Start Date (FYE):** 2021

**Completion Date (FYE):** 2022

**Description:**

Replace Structural Burn Building. This building is utilized for live fire evolutions in entry level and advanced fire suppression training.

**Justifications:**

- Mandated
- Remove hazards
- Maintains service
- x-Increase efficiency
- Increase revenues
- Improves service
- New service
- Convenience
- Other

**Explanation:**

The current burn building is approximately 25 years old and is beginning to deteriorate. Approximately 10 years ago \$100,000 was spent to repair this building. We spent approximately \$80,000 in 2013 for repairs to the building. There is a possibility of financial assistance through the Virginia Department of Fire Programs for this construction project.

**Alternative:**

Use existing building until it's no longer safe to operate. This will then require travel to other areas for required fire suppression training.

**Goals/Objectives/  
Strategies:**

O 13.3

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning						\$61,200		\$61,200
Land								\$0
Construction						\$1,020,000		\$1,020,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$1,081,200	\$0	\$1,081,200

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue						\$1,081,200		\$1,081,200
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$1,081,200	\$0	\$1,081,200

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Computer Aided Dispatch System

**Project Code:** HRECC1

**Project Priority:** Priority 1

**Department:** 321132

**Project Type:** REPLACEMENT

**Status:** Active

**Start Date (FYE):** 2017

**Completion Date (FYE):** 2017

**Description:**

Replace the regional computer aided dispatch (CAD) and public safety records management systems.

**Justifications:**

- x-Mandated
- Remove hazards
- Maintains service
- Increase efficiency
- Increase revenues
- Improves service
- New service
- Convenience
- Other

**Explanation:**

DAPRO, the ECC's CAD vendor has been sold to another company and will not be supported after 2017. A different product suite must be procured prior to end of support.

**Alternative:**

Note that the entire project cost for the City/County is presented. City of Harrisonburg share will be \$1,000,000 (50% of capital project fund.)

**Goals/Objectives/  
Strategies:**

G 13

<b>Expenditures:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction								\$0
Equipment		\$1,000,000	\$1,000,000					\$2,000,000
Other Expenses								\$0
<b>Total</b>	<b>\$0</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,000,000</b>

<b>Funding Sources:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue								\$0
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue		\$1,000,000	\$1,000,000					\$2,000,000
<b>Total</b>	<b>\$0</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,000,000</b>

<b>Operating Impacts:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** 10 Digit Phone System Upgrade

**Project Code:** HRECC2

**Project Priority:** Priority 2

**Department:** 321132

**Project Type:** REPLACEMENT

**Status:** Active

**Start Date (FYE):** 2017

**Completion Date (FYE):** 2017

**Description:**

Replace the original (2005) centranet 10 digit phone system in the ECC. The current system does not support emergency backup of 9-1-1 trunks to 10 digit emergency lines off site from the ECC.

**Justifications:**

- Mandated
- Remove hazards
- Maintains service
- Increase efficiency
- Increase revenues
- Improves service
- New service
- Convenience
- Other

**Explanation:**

This deficiency was discovered during the August 2014 power outage at the Public Safety Building. A new system must be procured to afford this capability in case of an emergency evacuation of the ECC is required.

**Alternative:**

**Goals/Objectives/  
Strategies:**

G 13

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction								\$0
Equipment		\$125,000						\$125,000
Other Expenses								\$0
<b>Total</b>	\$0	\$125,000	\$0	\$0	\$0	\$0	\$0	\$125,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue								\$0
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue		\$125,000						\$125,000
<b>Total</b>	\$0	\$125,000	\$0	\$0	\$0	\$0	\$0	\$125,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Renovation of Old Municipal Building

**Project Code:** MGR3

**Project Priority:** Priority 2

**Department:** 430221

**Project Type:** RENOVATION

**Status:** Active

**Start Date (FYE):** 2016

**Completion Date (FYE):** 2018

**Description:**

Renovation of building currently at 345 S. Main St.

**Explanation:**

This will provide renovations to the building for code compliance, energy efficiency and additional work space for future administration and community use. Operating impacts are estimates based on \$4.50/sq. ft.

**Alternative:**

**Justifications:**

- Mandated
- Remove hazards
- Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- x-Other

**Goals/Objectives/  
Strategies:**

O 7.4

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction			\$2,500,000					\$2,500,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$2,500,000	\$0	\$0	\$0	\$0	\$2,500,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue								\$0
Enterprise Revenue								\$0
Bond Proceeds			\$2,500,000					\$2,500,000
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$2,500,000	\$0	\$0	\$0	\$0	\$2,500,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating			\$90,000	\$91,800	\$93,600	\$95,400	\$97,300	\$468,100
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$90,000	\$91,800	\$93,600	\$95,400	\$97,300	\$468,100



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Harrison House Renovations

**Project Code:** MGR4

**Project Priority:** Priority 3

**Department:** 430221

**Project Type:** RENOVATION

**Status:** Active

**Start Date (FYE):** 2015

**Completion Date (FYE):** 2018

**Description:**

Acquire and renovate the Thomas Harrison House, the oldest home in the City, built by the City's founder circa 1750.

**Justifications:**

- Mandated
- Remove hazards
- Maintains service
- Increase efficiency
- Increase revenues
- Improves service
- New service
- Convenience
- x-Other

**Explanation:**

Project includes research, archeological excavation, documentation and restoration of building, gardens, etc. to try to restore property as much as possible to "original" conditions.

**Alternative:**

Loss of significant historical property.

**Goals/Objectives/  
Strategies:**

- G 7
- O 7.4

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning		\$100,000						\$100,000
Land	\$565,000							\$565,000
Construction		\$900,000	\$422,000					\$1,322,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$565,000</b>	<b>\$1,000,000</b>	<b>\$422,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,987,000</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue	\$565,000	\$265,000						\$830,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants			\$422,000					\$422,000
Capital Project Fund		\$235,000						\$235,000
Other Revenue		\$500,000						\$500,000
<b>Total</b>	<b>\$565,000</b>	<b>\$1,000,000</b>	<b>\$422,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,987,000</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating			\$10,000	\$11,000	\$12,000	\$12,000	\$12,000	\$57,000
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,000</b>	<b>\$11,000</b>	<b>\$12,000</b>	<b>\$12,000</b>	<b>\$12,000</b>	<b>\$57,000</b>



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Country Club Road (2) bridges (43372)

**Project Code:** PWSTBG03

**Project Priority:** Priority 2

**Project Type:** REPLACEMENT

**Start Date (FYE):** 2017

**Department:** 410241

**Status:** Active

**Completion Date (FYE):** 2019

**Description:**

Replace (2) two bridges over Sieberts Creek. The first structure is #6585 and is located at the Superior Concrete entrance off of Country Club Road, and is planned FY17. The second is structure #6586 and is located new Spotswood Trailer Park on Country Club Road, and is planned for FY19.

**Justifications:**

- Mandated
- x-Remove hazards
- x-Maintains service
- Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Explanation:**

1. Recommended by annual bridge inspection program.
2. Improve drainage concerns in immediate area.

**Alternative:**

Post weight limits.

**Goals/Objectives/  
Strategies:**

- G 10
- O 10.1
- S 10.1.7
- S 10.1.9

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning		\$100,000		\$100,000				\$200,000
Land		\$150,000		\$150,000				\$300,000
Construction		\$750,000		\$600,000				\$1,350,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$1,000,000	\$0	\$850,000	\$0	\$0	\$0	\$1,850,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue		\$500,000		\$425,000				\$925,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants		\$500,000		\$425,000				\$925,000
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$1,000,000	\$0	\$850,000	\$0	\$0	\$0	\$1,850,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



**Capital Improvement Program  
FY2017 thru FY2021  
Project Request Form**

**Project Title:** WATER STREET BRIDGE (43372)

**Project Code:** PWSTBG09

**Project Priority:** Priority 3

**Project Type:** REPLACEMENT

**Start Date (FYE):** 2017

**Department:** 410241

**Status:** Active

**Completion Date (FYE):** 2018

**Description:**

Rebuild Water Street Bridge over Chesapeake & Western Railroad. Bridge owned by Chesapeake & Western Railroad.

**Justifications:**

- Mandated
- x-Remove hazards
- Maintains service
- Increase efficiency
- Increase revenues
- Improves service
- New service
- Convenience
- Other

**Explanation:**

Recommended by annual bridge inspection program. Funds by Railroad.  
Bridge needed to provide Emergency route east/west downtown with train blocks at grade crossings.

**Goals/Objectives/  
Strategies:**

- G 10
- O 10.1
- S 10.1.7

**Alternative:**

Restrict weight limit on structure restricting all trucks.

<b>Expenditures:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Planning		\$275,000						\$275,000
Land		\$300,000						\$300,000
Construction			\$1,300,000					\$1,300,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$0</b>	<b>\$575,000</b>	<b>\$1,300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,875,000</b>

<b>Funding Sources:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue		\$275,000						\$275,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue		\$300,000	\$1,300,000					\$1,600,000
<b>Total</b>	<b>\$0</b>	<b>\$575,000</b>	<b>\$1,300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,875,000</b>

<b>Operating Impacts:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Bridge Preventive Maintenance Program (43372)

**Project Code:** PWSTBM

**Project Priority:** Priority 2

**Project Type:** RENOVATION

**Start Date (FYE):** 2011

**Department:** 410241

**Status:** Active

**Completion Date (FYE):** ongoing

**Description:**

Preventive maintenance of bridge structures. Bridges are identified on a yearly basis following the Annual Bridge Inspections.

**Justifications:**

- x-Mandated
- x-Remove hazards
- x-Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Explanation:**

Placing sealant on deck surface, repairing and sealing cracked concrete, painting as needed, repairing settled approach pavement and adjacent sidewalk repair. Preventive maintenance will extend bridge life approximately 25 years.

**Alternative:**

Delay preventive maintenance which may result in more expensive repairs.

**Goals/Objectives/  
Strategies:**

G 10

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000		\$360,000
Land								\$0
Construction	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000		\$480,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$140,000</b>	<b>\$140,000</b>	<b>\$140,000</b>	<b>\$140,000</b>	<b>\$140,000</b>	<b>\$140,000</b>	<b>\$0</b>	<b>\$840,000</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue	\$140,000	\$140,000	\$140,000	\$140,000	\$140,000	\$140,000		\$840,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$140,000</b>	<b>\$140,000</b>	<b>\$140,000</b>	<b>\$140,000</b>	<b>\$140,000</b>	<b>\$140,000</b>	<b>\$0</b>	<b>\$840,000</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Annual Street Paving Program (43374, 43376)

**Project Code:** PWSTPA1

**Project Priority:** Priority 2

**Project Type:** REPLACEMENT

**Start Date (FYE):** 2016

**Department:** 410241

**Status:** Active

**Completion Date (FYE):** ongoing

**Description:**

Repaving of existing streets--132 centerline miles of street currently in inventory.

**Justifications:**

- Mandated
- Remove hazards
- x-Maintains service
- x-Increase efficiency
- Increase revenues
- Improves service
- New service
- x-Convenience
- Other

**Explanation:**

Resurfacing to provide renewal to street surface, expected life of surface 15 years. Streets are scheduled in accordance with annual street pavement management program. Location, traffic volume, pavement conditions and use determine priority.

**Alternative:**

Use other types of surface seals, average life of plant mix overlay is 15 years. Seal coats usually last seven years maximum, however, they are less expensive.

**Goals/Objectives/  
Strategies:**

- G 10
- O 10.1
- S 10.1.8

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction	\$2,050,000	\$2,000,000	\$2,000,000	\$2,100,000	\$2,200,000	\$2,300,000		\$12,650,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$2,050,000</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$2,100,000</b>	<b>\$2,200,000</b>	<b>\$2,300,000</b>	<b>\$0</b>	<b>\$12,650,000</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue	\$2,050,000	\$2,000,000	\$2,000,000	\$2,100,000	\$2,200,000	\$2,300,000		\$12,650,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$2,050,000</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$2,100,000</b>	<b>\$2,200,000</b>	<b>\$2,300,000</b>	<b>\$0</b>	<b>\$12,650,000</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Equipment Replacement

**Project Code:** PWTE1

**Project Priority:** Priority 2

**Department:** 410741

**Project Type:** REPLACEMENT

**Status:** Active

**Start Date (FYE):** 2018

**Completion Date (FYE):** 2018

**Description:**

Replace 1991 Center line paint truck #726

**Justifications:**

- Mandated
- Remove hazards
- x-Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- New service
- x-Convenience
- x-Other

**Explanation:**

Paint truck needed to paint centerline markings on streets, for safety of motorists.

**Alternative:**

Limit Services on outsource line painting. Contract services are difficult to schedule in coordination with time and conditons when painting is needed. Limited number of contracts. Cost for contractors is inflated to meet time painting as needed.

**Goals/Objectives/  
Strategies:**

G 10

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction								\$0
Equipment			\$375,000					\$375,000
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$375,000	\$0	\$0	\$0	\$0	\$375,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue			\$375,000					\$375,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$375,000	\$0	\$0	\$0	\$0	\$375,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



**Capital Improvement Program  
FY2017 thru FY2021  
Project Request Form**

**Project Title:** KEEZLETOWN RD & COUNTRY CLUB RD NEW TRAFFIC SIGNAL

**Project Code:** PWTELN01

**Project Priority:** Priority 3

**Project Type:** NEW

**Start Date (FYE):** 2019

**Department:** 410741

**Status:** Active

**Completion Date (FYE):** 2019

**Description:**

Install New Traffic signal @ Intersection of Country Club Road & Keezletown Road.

**Justifications:**

- Mandated
- x-Remove hazards
- Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- x-New service
- Convenience
- Other

**Explanation:**

Required due to increased traffic volumes as development occurs along the Keezletown/Smithland Road corridor. Install traffic light and considering future expansion of Country Club Road. Developers will cost-share this project based on impact determined by a TIA.

**Alternative:**

None without construction of new streets to route traffic around area.

**Goals/Objectives/Strategies:**

- G 10
- O 10.1
- S 10.1.3
- O 10.5
- S 10.5.1
- O 10.7
- S 10.7.1

<b>Expenditures:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land				\$25,000				\$25,000
Construction				\$325,000				\$325,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$0	\$350,000	\$0	\$0	\$0	\$350,000

<b>Funding Sources:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue				\$175,000				\$175,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue				\$175,000				\$175,000
<b>Total</b>	\$0	\$0	\$0	\$350,000	\$0	\$0	\$0	\$350,000

<b>Operating Impacts:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** LIBERTY ST AND ACORN DR NEW TRAFFIC SIGNAL

**Project Code:** PWTELN02

**Project Priority:** Priority 3

**Project Type:** NEW

**Start Date (FYE):** 2020

**Department:** 410741

**Status:** Active

**Completion Date (FYE):** 2020

**Description:**

North Liberty St. and Acorn Dr. Install new traffic signal with detection, and coordination.

**Justifications:**

- Mandated
- x-Remove hazards
- Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- x-New service
- Convenience
- Other

**Explanation:**

Install new traffic signal when traffic warrants due to development in the area. It is anticipated that development would be required to cost-share the improvement.

**Alternative:**

Four Way stop.

**Goals/Objectives/  
Strategies:**

- G 10
- O 10.1
- S 10.1.3
- O 10.5
- S 10.5.1
- O 10.7
- S 10.7.1

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land					\$25,000			\$25,000
Construction					\$325,000			\$325,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$350,000	\$0	\$0	\$350,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue					\$315,000			\$315,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue					\$35,000			\$35,000
<b>Total</b>	\$0	\$0	\$0	\$0	\$350,000	\$0	\$0	\$350,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



**Capital Improvement Program  
FY2017 thru FY2021  
Project Request Form**

**Project Title:** Virginia Ave. and Acorn Dr. new traffic signal

**Project Code:** PWTELN03

**Project Priority:** Priority 3

**Project Type:** NEW

**Start Date (FYE):** 2020

**Department:** 410741

**Status:** Active

**Completion Date (FYE):** 2020

**Description:**

Install new traffic signal at Virginia Ave. and Acorn Dr.

**Justifications:**

- Mandated
- x-Remove hazards
- Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- x-New service
- Convenience
- Other

**Explanation:**

Install new traffic signal at Virginia Av. and Acorn Dr. when development in the area warrants installation of signal. It is anticipated that developers will be required to cost-share this improvement.

**Alternative:**

None without construction of new streets to route traffic around area. Consider realigning w/VMRC entrance

**Goals/Objectives/  
Strategies:**

- G 10
- O 10.1
- S 10.1.3
- O 10.5
- S 10.5.1
- O 10.7
- S 10.7.1

<b>Expenditures:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land					\$25,000			\$25,000
Construction					\$325,000			\$325,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$350,000	\$0	\$0	\$350,000

<b>Funding Sources:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue					\$315,000			\$315,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue					\$35,000			\$35,000
<b>Total</b>	\$0	\$0	\$0	\$0	\$350,000	\$0	\$0	\$350,000

<b>Operating Impacts:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Stone Spring Rd. & Ramblewood Rd.

**Project Code:** PWTELN04

**Project Priority:** Priority 3

**Project Type:** NEW

**Start Date (FYE):** 2018

**Department:** 410741

**Status:** Active

**Completion Date (FYE):** 2018

**Description:**

Install new traffic Signal at Stone Spring Rd. & Ramblewood Rd. with detection and coordination.

**Justifications:**

- Mandated
- x-Remove hazards
- Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- x-New service
- Convenience
- Other

**Explanation:**

Install new traffic Signal when traffic warrants are met due to development in the area.

**Alternative:**

None

**Goals/Objectives/  
Strategies:**

- G 10
- O 10.1
- S 10.1.3
- O 10.5
- S 10.5.1
- O 10.7
- S 10.7.1

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land			\$25,000					\$25,000
Construction			\$325,000					\$325,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$350,000	\$0	\$0	\$0	\$0	\$350,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue			\$175,000					\$175,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue			\$175,000					\$175,000
<b>Total</b>	\$0	\$0	\$350,000	\$0	\$0	\$0	\$0	\$350,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** University Blvd. & Deyerle Ave.

**Project Code:** PWTELN05

**Project Priority:** Priority 3

**Department:** 410741

**Project Type:** NEW

**Status:** Active

**Start Date (FYE):** 2017

**Completion Date (FYE):** 2017

**Description:**

Install new traffic Signal at University Blvd. & Deyerle Ave. with detection and Coordination.

**Justifications:**

- Mandated
- x-Remove hazards
- Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- x-New service
- Convenience
- Other

**Explanation:**

Install new Traffic Signal when traffic warrants are met due to development in the area. Developer contributions have been reserved for this signal, if traffic warrants, once development is complete.

**Alternative:**

**Goals/Objectives/  
Strategies:**

- G 10
- O 10.1
- S 10.1.3
- O 10.5
- S 10.5.1
- O 10.7
- S 10.7.1

<b>Expenditures:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land		\$25,000						\$25,000
Construction		\$325,000						\$325,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$350,000	\$0	\$0	\$0	\$0	\$0	\$350,000

<b>Funding Sources:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue		\$315,000						\$315,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue		\$35,000						\$35,000
<b>Total</b>	\$0	\$350,000	\$0	\$0	\$0	\$0	\$0	\$350,000

<b>Operating Impacts:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Mt. Clinton Pike & Tech Dr.

**Project Code:** PWTELN06

**Project Priority:** Priority 3

**Department:** 410741

**Project Type:** NEW

**Status:** Active

**Start Date (FYE):** 2021

**Completion Date (FYE):** 2021

**Description:**

Install new traffic Signal at Mt Clinton Pike & Tech Dr. with Detection and Coordination.

**Explanation:**

Install new traffic signal when traffic warrants are met due to development in the area. Planned development has provided required land and some infrastructure for new signal.

**Alternative:**

None.

**Justifications:**

- Mandated
- x-Remove hazards
- Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- x-New service
- Convenience
- Other

**Goals/Objectives/  
Strategies:**

- G 10
- O 10.1
- S 10.1.3
- O 10.5
- S 10.5.1
- O 10.7
- S 10.7.1

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land						\$25,000		\$25,000
Construction						\$325,000		\$325,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$350,000	\$0	\$350,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue						\$350,000		\$350,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$350,000	\$0	\$350,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Mt Clinton Pike & Acorn Dr.

**Project Code:** PWTELN07

**Project Priority:** Priority 3

**Department:** 410741

**Project Type:** ADDITION

**Status:** Active

**Start Date (FYE):** 2019

**Completion Date (FYE):** 2019

**Description:**

Install new traffic Signal at Mt Clinton Pike & Acorn Dr. with Detection and Coordination.

**Explanation:**

Install new traffic signal when traffic warrants are met due to development in the area.

**Alternative:**

None.

**Justifications:**

- Mandated
- x-Remove hazards
- Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- x-New service
- Convenience
- Other

**Goals/Objectives/  
Strategies:**

- G 10
- O 10.1
- S 10.1.3
- O 10.5
- S 10.5.1
- O 10.7
- S 10.7.1

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land				\$25,000				\$25,000
Construction				\$325,000				\$325,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$0	\$350,000	\$0	\$0	\$0	\$350,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue				\$175,000				\$175,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue				\$175,000				\$175,000
<b>Total</b>	\$0	\$0	\$0	\$350,000	\$0	\$0	\$0	\$350,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



**Capital Improvement Program  
FY2017 thru FY2021  
Project Request Form**

**Project Title:** E. MARKET AND RESERVOIR ST TRAFFIC SIGNAL UPGRADE

**Project Code:** PWTELU01

**Project Priority:** Priority 3

**Project Type:** REPLACEMENT

**Start Date (FYE):** 2018

**Department:** 410741

**Status:** Active

**Completion Date (FYE):** 2018

**Description:**

East Market St. and Reservoir St. replace traffic signal poles with Decorative Black Powder Coated poles and arms to match streetscape project upgrades and equipment.

**Justifications:**

- Mandated
- x-Remove hazards
- x-Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Explanation:**

1. Improves traffic signal
2. Replace old traffic signal span wire poles
3. Remove span wire and replace with mast arms
4. Need to obtain a 16 foot minimum clearance requirement

**Alternative:**

NONE

**Goals/Objectives/  
Strategies:**

- G 10
- O 10.1
- S 10.1.3
- O 10.5
- S 10.5.1
- O 10.7
- S 10.7.1

<b>Expenditures:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land			\$25,000					\$25,000
Construction			\$325,000					\$325,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$350,000	\$0	\$0	\$0	\$0	\$350,000

<b>Funding Sources:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue			\$350,000					\$350,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$350,000	\$0	\$0	\$0	\$0	\$350,000

<b>Operating Impacts:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** S. Main St and Martin Luther King, Jr. Way, Grace St, Bluestone

**Project Code:** PWTELU05

**Project Priority:** Priority 3

**Project Type:** REPLACEMENT

**Start Date (FYE):** 2018

**Department:** 410741

**Status:** Active

**Completion Date (FYE):** 2018

**Description:**

Upgrade traffic signal poles and equipment at the following locations.

1. South Main St. and Martin Luther King, Jr. Way.
2. South Main St. and Grace St.
3. South Main St. and Bluestone Ave.

**Justifications:**

Mandated  
-Remove hazards  
-Maintains service  
-Increase efficiency  
 Increase revenues  
-Improves service  
 New service  
 Convenience  
 Other

**Explanation:**

1. Replaces old painted traffic signal poles with new galvanized poles and arms.
2. Removes hazard of pole or arm failure due to rust and age.

**Goals/Objectives/  
Strategies:**

G 10  
 O 10.1  
 S 10.1.3  
 O 10.5  
 S 10.5.1  
 O 10.7  
 S 10.7.1

**Alternative:**

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land		\$25,000						\$25,000
Construction		\$675,000						\$675,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$700,000	\$0	\$0	\$0	\$0	\$0	\$700,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue		\$225,000						\$225,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue		\$475,000						\$475,000
<b>Total</b>	\$0	\$700,000	\$0	\$0	\$0	\$0	\$0	\$700,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** SUPPORT ADDITIONS PURCHASING /CENTRAL STORES

**Project Code:** PWCS1

**Project Priority:** Priority 3

**Department:** 772141

**Project Type:** NEW

**Status:** Active

**Start Date (FYE):** 2018

**Completion Date (FYE):** 2018

**Description:**

Expand existing building to provide weatherproof and safe storage for pipe and other materials. Central Stores continues to expand the scope of it's service to the various departments and finds itself needing more storage space for large items.

**Justifications:**

Mandated  
Remove hazards  
Maintains service  
Increase efficiency  
Increase revenues  
x-Improves service  
New service  
Convenience  
Other

**Explanation:**

1. Expand existing building. Storage needed for larger (pirmarily water pipe systems) parts. Most large items are ordered for specific projects and stored until needed on project.

**Alternative:**

NONE

**Goals/Objectives/  
Strategies:**

G 8  
O 8.3  
S 8.3.1  
G 11

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning			\$32,000					\$32,000
Land								\$0
Construction			\$300,000					\$300,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$332,000	\$0	\$0	\$0	\$0	\$332,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue			\$332,000					\$332,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$332,000	\$0	\$0	\$0	\$0	\$332,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Renovations of Public Works Maintenance Shops (48181)

**Project Code:** PWSTB02

**Project Priority:** Priority 2

**Project Type:** RENOVATION

**Start Date (FYE):** 2017

**Department:** 9101

**Status:** Active

**Completion Date (FYE):** 2018

**Description:**

Upgrade Public Works maintenance buildings at Mosby Road & Park View facilities

**Justifications:**

- Mandated
- x-Remove hazards
- x-Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- New service
- x-Convenience
- Other

**Explanation:**

Roof Replacments, Heating System upgrades, renovations and expansion of office space for staff work areas.

**Alternative:**

Construct a new Public Works facility.

**Goals/Objectives/  
Strategies:**

- G 8
- O 8.3
- S 8.3.1
- G 11

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning		\$25,000						\$25,000
Land								\$0
Construction		\$250,000	\$50,000					\$300,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$0</b>	<b>\$275,000</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$325,000</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue		\$275,000	\$50,000					\$325,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$0</b>	<b>\$275,000</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$325,000</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** New Public Works Facility

**Project Code:** PWSTB03

**Project Priority:** Priority 2

**Department:** 9101

**Project Type:** NEW

**Status:** Active

**Start Date (FYE):** 2017

**Completion Date (FYE):** 2019

**Description:**

Construction of a new Public Works Facility located in the City. Initial phase of work would be to conduct a needs / space assessment for both maintenance and administration functions. Following assessment completion determine siting location and proceed into design of new facility. Project ending in construction of new facility and relocation of all Public Works personnel and equipment. Project would also include construction of a new Public Safety Training Grounds.

**Justifications:**

- Mandated
- Remove hazards
- Maintains service
- Increase efficiency
- Increase revenues
- Improves service
- New service
- Convenience
- Other

**Explanation:**

Both the East Mosby and Park View shop locations of Public Works have limitations for operational efficiency in both administration and maintenance areas. The existing office space does not provide sufficient space for current Public Works staff and sharing of offices is required. Maintenance areas are limited in size and do not provide adequate space maintenance of small equipment and traffic related equipment and materials. Exposure to the flood plain is a significant challenge due to the nature of Public Works operations (salt, brine, fueling, misc material storage, etc), and with the new MS4 regulations non-stormwater discharges are becoming more significant of a challenge. Marketing of East Mosby and Park View facilities to adjacent property owners is an option to consider.

**Goals/Objectives/  
Strategies:**

G 8

**Alternative:**

Renovation of existing facility, or purchase property and facilities that will provide needs determined during needs / space assessment.

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning		\$20,000	\$1,000,000					\$1,020,000
Land			\$3,000,000					\$3,000,000
Construction				\$10,000,000				\$10,000,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$20,000	\$4,000,000	\$10,000,000	\$0	\$0	\$0	\$14,020,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue		\$20,000	\$2,400,000	\$10,000,000				\$12,420,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue			\$1,600,000					\$1,600,000
<b>Total</b>	\$0	\$20,000	\$4,000,000	\$10,000,000	\$0	\$0	\$0	\$14,020,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** DOWNTOWN STREETSCAPE PROJECT

**Project Code:** PWSTP01

**Project Priority:** Priority 3

**Project Type:** REPLACEMENT

**Start Date (FYE):** 2015

**Department:** 9101

**Status:** Active

**Completion Date (FYE):** 2018

**Description:**

Plan is part of Harrisonburg Downtown Streetscape Plan. Cost of utility work is not included. Phase III Streetscape will include Elizabeth Street to Wolfe Street. Phase IV Streetscape will include Court Square and West Market Street between Court Square and Liberty Street.

**Justifications:**

- Mandated
- x-Remove hazards
- x-Maintains service
- Increase efficiency
- x-Increase revenues
- x-Improves service
- New service
- x-Convenience
- Other

**Explanation:**

Replace curb, gutter and sidewalks, install enhanced crosswalks, replace lighting, install benches, waste receptacles, replace traffic signals, traffic regulatory signage, and landscaping.

**Alternative:**

Maintain existing sidewalks and brick pavers.

**Goals/Objectives/  
Strategies:**

- G 10
- S 10.1.10
- O 10.2
- S 10.2.9
- S 10.2.10
- O 10.7
- S 10.7.1

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning	\$200,000		\$300,000					\$500,000
Land								\$0
Construction	\$1,100,000		\$2,000,000					\$3,100,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$1,300,000</b>	<b>\$0</b>	<b>\$2,300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,600,000</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue	\$420,000		\$460,000					\$880,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants	\$880,000		\$1,840,000					\$2,720,000
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$1,300,000</b>	<b>\$0</b>	<b>\$2,300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,600,000</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** CARPENTER LN./ PIKE CHURCH RD. REALIGNMENT

**Project Code:** PWSTP02

**Project Priority:** Priority 3

**Project Type:** IMPROVEMENT

**Start Date (FYE):** 2019

**Department:** 9101

**Status:** Active

**Completion Date (FYE):** 2020

**Description:**

Realign Carpenter Ln. with intersection of Pike Church Rd. and S. Main St.

**Justifications:**

- Mandated
- x-Remove hazards
- x-Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Explanation:**

To improve safety and planned future signalization of Pike Church Rd. and S. Main St.

**Alternative:**

Close Carpenter Ln.

**Goals/Objectives/  
Strategies:**

- G 10
- S 10.1.9
- S 10.2.9
- O 10.7
- S 10.7.1

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning				\$130,000				\$130,000
Land				\$120,000	\$120,000			\$240,000
Construction					\$1,000,000			\$1,000,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$0	\$250,000	\$1,120,000	\$0	\$0	\$1,370,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue				\$250,000	\$1,120,000			\$1,370,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$0	\$250,000	\$1,120,000	\$0	\$0	\$1,370,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** PLEASANT VALLEY ROAD

**Project Code:** PWSTP03

**Project Priority:** Priority 3

**Department:** 9101

**Project Type:** REPLACEMENT

**Status:** Active

**Start Date (FYE):** 2018

**Completion Date (FYE):** 2020

**Description:**

Improve street from S. Main St. to City Limits to better accommodate truck traffic to industrial areas and relocated Rockingham County Landfill entrance; project will include a center turn lane, wider lanes, bicycle and pedestrian facilities, storm drain system and improved turning radii at intersections.

**Justifications:**

Mandated  
 x-Remove hazards  
 x-Maintains service  
 Increase efficiency  
 Increase revenues  
 x-Improves service  
 New service  
 Convenience  
 Other

**Explanation:**

Improve drainage, replace pipe culverts, improve pavement, rebuild shoulders.

**Alternative:**

Build alternative new roadway as shown in Street Improvement Plan.

**Goals/Objectives/  
Strategies:**

G 10  
 S 10.1.9  
 O 10.2  
 S 10.2.1  
 S 10.2.9  
 O 10.7  
 S 10.7.1

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning			\$750,000					\$750,000
Land				\$2,500,000				\$2,500,000
Construction					\$5,000,000			\$5,000,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$750,000	\$2,500,000	\$5,000,000	\$0	\$0	\$8,250,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue			\$750,000	\$1,250,000	\$2,500,000			\$4,500,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants				\$1,250,000	\$2,500,000			\$3,750,000
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$750,000	\$2,500,000	\$5,000,000	\$0	\$0	\$8,250,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** South Main Street (48718)

**Project Code:** PWSTP05

**Project Priority:** Priority 2

**Department:** 9101

**Project Type:** ADDITION

**Status:** Active

**Start Date (FYE):** 2018

**Completion Date (FYE):** Beyond

**Description:**

Widen South Main Street to 5-lane arterial street-from Pleasant Valley Road to South City Limits. Improve the intersection of S. Main St. & Covenant Dr.

**Justifications:**

- Mandated
- x-Remove hazards
- x-Maintains service
- Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Explanation:**

Improve to 5-lane street to improve traffic flow and safety. Partial funds from Development.

**Alternative:**

Participation in design and construction by adjoining land development.

**Goals/Objectives/  
Strategies:**

- G 10
- S 10.1.3
- S 10.1.6
- S 10.1.9
- O 10.2
- S 10.2.1
- S 10.2.9
- O 10.7
- S 10.7.1

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning			\$1,000,000					\$1,000,000
Land				\$5,000,000				\$5,000,000
Construction							\$6,300,000	\$6,300,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,000,000</b>	<b>\$5,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,300,000</b>	<b>\$12,300,000</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue			\$1,000,000					\$1,000,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue				\$5,000,000			\$6,300,000	\$11,300,000
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,000,000</b>	<b>\$5,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,300,000</b>	<b>\$12,300,000</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** CHICAGO AVE/ MT. CLINTON PIKE/ PARK RD. ROUNDABOUT

**Project Code:** PWSTP06

**Project Priority:** Priority 2

**Project Type:** IMPROVEMENT

**Start Date (FYE):** 2016

**Department:** 9101

**Status:** Active

**Completion Date (FYE):** 2018

**Description:**

Improve intersection of Chicago Ave, Mt. Clinton Pike, and Park Rd. to include a roundabout and improvements along Mt. Clinton Pike from the roundabout east to Virginia Ave. with bicycle facilities, pedestrian facilities, stormwater management system. Public involvement meeting in April 2011 indicated strong support for roundabout opposed to other traffic control methods at this intersection.

**Justifications:**

- Mandated
- x-Remove hazards
- x-Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Explanation:**

Currently, Chicago Ave and Park Rd intersect with Mt. Clinton Pike at close proximity causing safety hazards. This project will improve safety. Partner with Eastern Mennonite University to complete project. Reconstructed Mt. Clinton Pike will be 2 lanes in each direction with center median and left turn lanes. A sidewalk is planned for the southside of the roadway, with a shared use path along the northside.

**Alternative:**

Install an offset signalized intersection.

**Goals/Objectives/  
Strategies:**

- G 10
- S 10.1.6
- S 10.1.8
- O 10.2
- S 10.2.1
- S 10.2.3
- S 10.2.7
- S 10.2.9
- O 10.7
- S 10.7.1

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning	\$630,000							\$630,000
Land	\$1,120,000		\$380,000					\$1,500,000
Construction			\$4,000,000					\$4,000,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$1,750,000</b>	<b>\$0</b>	<b>\$4,380,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,130,000</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue	\$1,000,000		\$2,190,000					\$3,190,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants	\$750,000		\$2,190,000					\$2,940,000
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$1,750,000</b>	<b>\$0</b>	<b>\$4,380,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,130,000</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



**Capital Improvement Program  
FY2017 thru FY2021  
Project Request Form**

**Project Title:** CHICAGO AVENUE IMPROVEMENTS

**Project Code:** PWSTP06A

**Project Priority:** Priority 2

**Project Type:** IMPROVEMENT

**Start Date (FYE):** 2020

**Department:** 9101

**Status:** Active

**Completion Date (FYE):** 2021

**Description:**

Widen Chicago Avenue from Mt. Clinton Pike to 3rd St. to two lanes with center turn lanes, install sidewalk, curb and gutter, and bike lanes.

Requires major storm drain system from Mt. Clinton Pike to Waterman Drive.

**Justifications:**

- Mandated
- Remove hazards
- Maintains service
- Increase efficiency
- Increase revenues
- Improves service
- New service
- Convenience
- Other

**Explanation:**

Project to improve traffic flow between Mt. Clinton Pike and Gay St. and Waterman Drive. Project will assist traffic movement from West Market Street to Virginia Avenue.

**Alternative:**

Use existing insufficient facilities.

**Goals/Objectives/  
Strategies:**

- G 10
- S 10.1.9
- O 10.2
- S 10.2.1
- S 10.2.3
- S 10.2.9
- O 10.7
- S 10.7.1

<b>Expenditures:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Planning					\$450,000			\$450,000
Land						\$3,000,000		\$3,000,000
Construction						\$3,000,000		\$3,000,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$450,000	\$6,000,000	\$0	\$6,450,000

<b>Funding Sources:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue					\$450,000			\$450,000
Enterprise Revenue								\$0
Bond Proceeds						\$6,000,000		\$6,000,000
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$450,000	\$6,000,000	\$0	\$6,450,000

<b>Operating Impacts:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



**Capital Improvement Program  
FY2017 thru FY2021  
Project Request Form**

**Project Title:** MT CLINTON PIKE WIDENING

**Project Code:** PWSTP06B

**Project Priority:** Priority 3

**Department:** 9101

**Project Type:** IMPROVEMENT

**Status:** Active

**Start Date (FYE):** 2021

**Completion Date (FYE):** Beyond

**Description:**

Widen Mt. Clinton Pike to a four lane facility with raised median and bicycle/pedestrian facilities, between Chicago Avenue and Lincolnshire Drive in Rockingham County. Requires retaining wall from Smith Street to west City Limits.

**Justifications:**

- Mandated
- x-Remove hazards
- x-Maintains service
- x-Increase efficiency
- Increase revenues
- Improves service
- New service
- Convenience
- Other

**Explanation:**

Street Improvements to provide safer travel and accommodate future growth in Park View area.

**Alternative:**

**Goals/Objectives/  
Strategies:**

- G 10
- S 10.1.9
- O 10.2
- S 10.2.1
- S 10.2.3
- S 10.2.9
- O 10.7
- S 10.7.1

<b>Expenditures:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Planning						\$450,000		\$450,000
Land							\$3,000,000	\$3,000,000
Construction							\$3,000,000	\$3,000,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$450,000	\$6,000,000	\$6,450,000

<b>Funding Sources:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue						\$450,000		\$450,000
Enterprise Revenue								\$0
Bond Proceeds							\$6,000,000	\$6,000,000
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$450,000	\$6,000,000	\$6,450,000

<b>Operating Impacts:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** NORTH LIBERTY STREET (48294)

**Project Code:** PWSTP08

**Project Priority:** Priority 3

**Project Type:** ADDITION & REPLACEMENT

**Start Date (FYE):** 2020

**Department:** 9101

**Status:** Active

**Completion Date (FYE):** Beyond

**Description:**

Reconstruct and widen North Liberty Street from Edom Road to north City Limits. Install storm drains, curb and gutter, bicycle lanes & sidewalks or shared use path.

**Justifications:**

- Mandated
- x-Remove hazards
- x-Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Explanation:**

Improvement to roadway to serve industrial and commercial development in area. Several firms depend on truck transportation for their business along this street. Street improvements will support development and increase tax base.

**Goals/Objectives/  
Strategies:**

- G 10
- O 10.1
- S 10.1.9
- O 10.2
- S 10.2.1
- S 10.2.3
- S 10.2.9
- O 10.7
- S 10.7.1

**Alternative:**

<b>Expenditures:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Planning					\$300,000			\$300,000
Land							\$1,000,000	\$1,000,000
Construction							\$3,500,000	\$3,500,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$300,000	\$0	\$4,500,000	\$4,800,000

<b>Funding Sources:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue					\$300,000			\$300,000
Enterprise Revenue								\$0
Bond Proceeds							\$4,500,000	\$4,500,000
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$300,000	\$0	\$4,500,000	\$4,800,000

<b>Operating Impacts:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** CARLTON STREET IMPROVEMENT

**Project Code:** PWSTP09

**Project Priority:** Priority 2

**Project Type:** IMPROVEMENT

**Start Date (FYE):** 2018

**Department:** 9101

**Status:** Active

**Completion Date (FYE):** 2020

**Description:**

Improve Carlton St. between E. Market St. and Reservoir St. to a two-lane facility with center turn lane. Includes sidewalks and storm drain facilities.

**Justifications:**

- Mandated
- x-Remove hazards
- Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Explanation:**

High pedestrian volumes near an elementary school with inadequate facilities.

**Alternative:**

None.

**Goals/Objectives/  
Strategies:**

- G 10
- O 10.1
- S 10.1.9
- O 10.2
- S 10.2.1
- S 10.2.3
- S 10.2.9
- O 10.7
- S 10.7.1

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning			\$250,000					\$250,000
Land			\$750,000					\$750,000
Construction					\$1,000,000			\$1,000,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,000,000</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue			\$500,000		\$500,000			\$1,000,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants			\$500,000		\$500,000			\$1,000,000
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,000,000</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



**Capital Improvement Program  
FY2017 thru FY2021  
Project Request Form**

**Project Title:** BLUESTONE TRAIL

**Project Code:** PWSTP11

**Project Priority:** Priority 2

**Department:** 9101

**Project Type:** NEW

**Status:** Active

**Start Date (FYE):** 2016

**Completion Date (FYE):** 2020

**Description:**

Phase I: Complete  
Phase II: Provide pedestrian/bike connection between Wellness Drive and Ramblewood Park.

**Justifications:**

- Mandated
- x-Remove hazards
- Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- x-New service
- x-Convenience
- Other

**Explanation:**

Will serve college and multi-family developments in the southern end of the city reach destinations by alternative means of transportation, that is separated from motor vehicle traffic.

**Goals/Objectives/  
Strategies:**

- G 10
- O 10.2
- S 10.2.2
- S 10.2.9

**Alternative:**

<b>Expenditures:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Planning	\$200,000		\$200,000					\$400,000
Land								\$0
Construction	\$1,125,000				\$1,500,000			\$2,625,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$1,325,000</b>	<b>\$0</b>	<b>\$200,000</b>	<b>\$0</b>	<b>\$1,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,025,000</b>

<b>Funding Sources:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue	\$675,000		\$200,000		\$750,000			\$1,625,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants	\$650,000				\$750,000			\$1,400,000
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$1,325,000</b>	<b>\$0</b>	<b>\$200,000</b>	<b>\$0</b>	<b>\$1,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,025,000</b>

<b>Operating Impacts:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** GREENDALE ROAD 910141-48666

**Project Code:** PWSTP12

**Project Priority:** Priority 3

**Project Type:** ADDITION & REPLACEMENT

**Start Date (FYE):** 2017

**Department:** 9101

**Status:** Active

**Completion Date (FYE):** 2020

**Description:**

Relocate Greendale Road through Emswiler Property to connect with Pleasant Valley Road near Tenneco. Three lane roadway with sidewalks, bicycle lanes and or shared use paths and bridge over railroad.

**Justifications:**

- Mandated
- x-Remove hazards
- Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Explanation:**

Improves traffic flow from Route 11 to Port Republic Road and avoids road widening through residential areas. Partial Funds from Private Business

**Goals/Objectives/  
Strategies:**

- G 10
- O 10.1
- S 10.1.3
- S 10.1.6
- O 10.2
- S 10.2.1
- S 10.2.9
- O 10.7
- S 10.7.1

**Alternative:**

None.

**Expenditures:**

	Prior	2017	2018	2019	2020	2021	Future	Total
Planning		\$75,000	\$1,000,000					\$1,075,000
Land			\$1,000,000	\$1,000,000				\$2,000,000
Construction					\$8,500,000			\$8,500,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$0</b>	<b>\$75,000</b>	<b>\$2,000,000</b>	<b>\$1,000,000</b>	<b>\$8,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$11,575,000</b>

**Funding Sources:**

	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue								\$0
Enterprise Revenue								\$0
Bond Proceeds			\$1,000,000	\$500,000	\$7,500,000			\$9,000,000
Grants								\$0
Capital Project Fund								\$0
Other Revenue			\$1,000,000	\$500,000	\$1,000,000			\$2,500,000
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,000,000</b>	<b>\$1,000,000</b>	<b>\$8,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$11,500,000</b>

**Operating Impacts:**

	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



# Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** East Market Street - Exit 247 Improvements MLK to Burgess

**Project Code:** PWSTP13

**Project Priority:** Priority 2

**Project Type:** CONSTRUCTION

**Start Date (FYE):** 2017

**Department:** 9101

**Status:** Active

**Completion Date (FYE):** 2020

**Description:**

East Market St. MLK Jr. Way to Burgess Rd and includes the reconstruction of Exit 247 and the four (4) VDOT bridge structures located in this section. The improvements to Exit 247 include increased acceleration and deceleration lanes on East Market and relocated I-81 NB on ramp off of Rt 33 East.

**Justifications:**

- Mandated
- x-Remove hazards
- Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Explanation:**

Provides improvements to Exit 247 and East Market St as outlined in recently completed I-81 Exit 245 and 247 Interchange Alternatives Analysis performed by VDOT, HRMPO, and City.

**Alternative:**

Decrease scope of project into smaller phases.

**Goals/Objectives/  
Strategies:**

- G 1
- O 1.1
- O 1.2
- O 1.3
- G 10
- O 10.1
- S 10.1.1
- S 10.1.2
- S 10.1.6
- S 10.1.7
- S 10.1.8
- S 10.1.9
- S 10.1.10
- S 10.1.11
- O 10.7
- S 10.7.1
- S 10.7.2
- S 10.7.3

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning		\$3,600,000						\$3,600,000
Land			\$1,250,000					\$1,250,000
Construction				\$23,295,000	\$23,295,000			\$46,590,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$0</b>	<b>\$3,600,000</b>	<b>\$1,250,000</b>	<b>\$23,295,000</b>	<b>\$23,295,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$51,440,000</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue								\$0
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue		\$3,600,000	\$1,250,000	\$23,295,000	\$23,295,000			\$51,440,000
<b>Total</b>	<b>\$0</b>	<b>\$3,600,000</b>	<b>\$1,250,000</b>	<b>\$23,295,000</b>	<b>\$23,295,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$51,440,000</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** UNIVERSITY BLVD - SIDEWALK 910141-48714

**Project Code:** PWSTP14

**Project Priority:** Priority 2

**Project Type:** CONSTRUCTION

**Start Date (FYE):** 2017

**Department:** 9101

**Status:** Active

**Completion Date (FYE):** 2019

**Description:**

Construct new sidewalks on University Blvd. from Reservoir St. to E. Market St. Phase I will construct sidewalks on the north side between East Market St and Evelyn Byrd (COMPLETE), Phase II will construct sidewalks on the north side between Evelyn Byrd and Reservoir St, Phase III will construction sidewalks on the south side between East Market St and Evelyn Byrd, and Phase IV will construct sidewalks on the southside between Evelyn Byrd and Reservoir St.

**Justifications:**

Mandated  
x-Remove hazards  
Maintains service  
Increase efficiency  
Increase revenues  
x-Improves service  
New service  
Convenience  
Other

**Explanation:**

Sidewalks on University Blvd. would provide access for pedestrians to commercial businesses and restaurants along the corridor. This sidewalk will also provide a connection between existing sidewalks on Reservoir St. and new sidewalks on E. Market St. Sidewalks would also provide improved access for pedestrians to existing bus stops. Phase I is complete, Phase II is planned for FY18, Phase III is planned for FY19, and Phase IV is planned for FY20.

**Goals/Objectives/Strategies:**

G 10  
O 10.2  
S 10.2.2  
S 10.2.3  
S 10.2.9  
O 10.7  
S 10.7.1

**Alternative:**

None.

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction			\$225,000	\$225,000	\$275,000			\$725,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$225,000	\$225,000	\$275,000	\$0	\$0	\$725,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue			\$225,000	\$225,000	\$275,000			\$725,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$225,000	\$225,000	\$275,000	\$0	\$0	\$725,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** STONESPRING ROAD/ERICKSON AVENUE CONNECTOR 48636&48637

**Project Code:** PWSTP16

**Project Priority:** Priority 2

**Project Type:** ADDITION & REPLACEMENT

**Start Date (FYE):** 2009

**Department:** 9101

**Status:** Active

**Completion Date (FYE):** 2018

**Description:**

Major east to west transportation facility. Ties in with county's Southeast connector. Four and five lane facility w/bike lanes and sidewalk from east city limits to west city limits.

**Justifications:**

- Mandated
- x-Remove hazards
- x-Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Explanation:**

Widen roadway to provide improved access to Garbers Church Road. This project is part of the Master Street Plan. Includes widening the roadway from S. High St. to Garbers Church Road, with new signal installation at Garbers Church Road and Erickson Ave.

**Goals/Objectives/  
Strategies:**

- G 10
- O 10.1
- S 10.1.6
- O 10.2
- S 10.2.1
- S 10.2.9
- O 10.7
- S 10.7.1

**Alternative:**

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning	\$7,424,769		\$100,000					\$7,524,769
Land	\$6,662,164							\$6,662,164
Construction	\$37,014,206		\$3,900,000					\$40,914,206
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$51,101,139</b>	<b>\$0</b>	<b>\$4,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$55,101,139</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue	\$27,289,586		\$2,000,000					\$29,289,586
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants			\$2,000,000					\$2,000,000
Capital Project Fund								\$0
Other Revenue	\$23,811,553							\$23,811,553
<b>Total</b>	<b>\$51,101,139</b>	<b>\$0</b>	<b>\$4,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$55,101,139</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



**Capital Improvement Program  
FY2017 thru FY2021  
Project Request Form**

**Project Title:** South Main Street Median

**Project Code:** PWSTP18

**Project Priority:** Priority 3

**Department:** 9101

**Project Type:** ADDITION

**Status:** Active

**Start Date (FYE):** 2019

**Completion Date (FYE):** 2019

**Description:**

Construct median and turn lanes at intersections on South Main Street from Port Republic Road to Bluestone Drive. Replace 6" waterline where necessary. Install enhanced crosswalks, match lighting with JMU's lighting. Upgrade traffic signals.

**Justifications:**

Mandated  
 Remove hazards  
 Maintains service  
 Increase efficiency  
 Increase revenues  
 Improves service  
 New service  
 Convenience  
 Other

**Explanation:**

Provide infrastructure improvements to provide traffic calming for motorized traffic and better direct pedestrians to cross at signalized cross-walks.

**Alternative:**

**Goals/Objectives/  
Strategies:**

G 10  
 O 10.1  
 S 10.1.6

<b>Expenditures:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction				\$1,300,000				\$1,300,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$0	\$1,300,000	\$0	\$0	\$0	\$1,300,000

<b>Funding Sources:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue				\$550,000				\$550,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue				\$750,000				\$750,000
<b>Total</b>	\$0	\$0	\$0	\$1,300,000	\$0	\$0	\$0	\$1,300,000

<b>Operating Impacts:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** PORT REPUBLIC ROAD

**Project Code:** PWSTP19

**Project Priority:** Priority 3

**Department:** 9101

**Project Type:** IMPROVEMENT

**Status:** Active

**Start Date (FYE):** 2018

**Completion Date (FYE):** 2020

**Description:**

Street improvements to Port Republic Road between Forest Hills Drive and Devon Lane.

**Justifications:**

- Mandated
- x-Remove hazards
- Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- New service
- x-Convenience
- Other

**Explanation:**

Improve the Port Republic Road corridor to increase safety, improve maneuvering, and expand capacity in the vicinity of James Madison University. To include a fifth lane between Forest Hill Road and Devon Lane as well as intersection realignment/improvement where deemed necessary by traffic analysis. Also, will include additional bicycle and pedestrian accommodations.

**Goals/Objectives/  
Strategies:**

- G 10
- S 10.1.6
- S 10.1.9
- O 10.2
- S 10.2.1
- S 10.2.3
- S 10.2.9
- O 10.7
- S 10.7.1

**Alternative:**

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning			\$250,000					\$250,000
Land				\$600,000				\$600,000
Construction					\$1,500,000			\$1,500,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$250,000</b>	<b>\$600,000</b>	<b>\$1,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,350,000</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue			\$250,000	\$600,000	\$1,500,000			\$2,350,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$250,000</b>	<b>\$600,000</b>	<b>\$1,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,350,000</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Martin Luther King Jr Way Widening

**Project Code:** PWSTP20

**Project Priority:** Priority 2

**Project Type:** IMPROVEMENT

**Start Date (FYE):** 2016

**Department:** 9101

**Status:** Active

**Completion Date (FYE):** 2017

**Description:**

Martin Luther King Jr Way from South Main Street to 300' west of Ott Street intersection. Widen street to 5 lanes to create dedicated left turn lanes at Mason Street intersection. Project would also include construction of a northbound right turn lane onto Martin Luther King, Jr. Way, from South Main Street.

**Justifications:**

- Mandated
- x-Remove hazards
- x-Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Explanation:**

Project to provide improved capacity and turn lanes for JMU East Tower Renovations, Hotel Madison and Shendandoah Valley Conference Center, the Mason Street Parking deck, and Madison Hall Renovations. Improves efficiency of traffic signals & pedestrian safety. Project to be developed cooperatively with JMU and Hotel developer.

**Alternative:**

**Goals/Objectives/  
Strategies:**

- G 10
- O 10.1
- S 10.1.3
- S 10.1.9
- O 10.2
- S 10.2.1
- S 10.2.3
- S 10.2.9
- O 10.7
- S 10.7.1

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning	\$375,000							\$375,000
Land	\$125,000							\$125,000
Construction		\$2,900,000						\$2,900,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$500,000</b>	<b>\$2,900,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,400,000</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue	\$500,000							\$500,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants		\$1,450,000						\$1,450,000
Capital Project Fund								\$0
Other Revenue		\$1,450,000						\$1,450,000
<b>Total</b>	<b>\$500,000</b>	<b>\$2,900,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,400,000</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** EAST MARKET STREET - SAFETY IMPROVEMENT PROGRAM - 910141-48619

**Project Code:** PWSTP21

**Project Priority:** Priority 2

**Project Type:** IMPROVEMENT

**Start Date (FYE):** 2018

**Department:** 9101

**Status:** Active

**Completion Date (FYE):** 2018

**Description:**

Improvement to turning lanes, cross-overs, pedestrians access from Linda Lane to Chestnut Ridge Drive. Install sidewalks, and pedestrian crosswalks. Install pedestrian crosswalk signals. Modify unsignalized crossovers to restrict turning movements.

**Justifications:**

Mandated  
 Remove hazards  
 Maintains service  
 Increase efficiency  
 Increase revenues  
 Improves service  
 New service  
 Convenience  
 Other

**Explanation:**

Due to increased traffic and development in this area improvements must be made to accomodate traffic and pedestrians. Traffic volumes in this area equal to the counts on I-81.

**Alternative:**

Build new streets around area. Apply for Transportation Alternatives Program Grant or Highway Safety Improvement Grant. Include part of the improvements in development plans for commercial development of area.

**Goals/Objectives/  
Strategies:**

G 10  
 S 10.1.6

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning			\$400,000					\$400,000
Land								\$0
Construction			\$1,800,000					\$1,800,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$2,200,000	\$0	\$0	\$0	\$0	\$2,200,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue			\$440,000					\$440,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants			\$1,760,000					\$1,760,000
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$2,200,000	\$0	\$0	\$0	\$0	\$2,200,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** NEFF AVENUE IMPROVEMENTS

**Project Code:** PWSTP23

**Project Priority:** Priority 2

**Project Type:** IMPROVEMENT

**Start Date (FYE):** 2020

**Department:** 9101

**Status:** Active

**Completion Date (FYE):** 2021

**Description:**

Widen Neff Avenue between Port Republic Road and Sunchase Court to include median with turn lanes in anticipation of further JMU development of the athletic complex.

**Justifications:**

- Mandated
- Remove hazards
- Maintains service
- Increase efficiency
- Increase revenues
- Improves service
- New service
- Convenience
- Other

**Explanation:**

Need to provide turning lanes at the athletic complex entrances and control access along Neff Avenue

**Alternative:**

Restrict Access to and from Neff Avenue.

**Goals/Objectives/  
Strategies:**

- G 10
- O 10.1
- S 10.1.6

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning					\$400,000			\$400,000
Land								\$0
Construction						\$1,800,000		\$1,800,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$400,000	\$1,800,000	\$0	\$2,200,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue					\$400,000			\$400,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue						\$1,800,000		\$1,800,000
<b>Total</b>	\$0	\$0	\$0	\$0	\$400,000	\$1,800,000	\$0	\$2,200,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** COUNTRY CLUB ROAD 910141-48656

**Project Code:** PWSTP25

**Project Priority:** Priority 3

**Project Type:** IMPROVEMENT

**Start Date (FYE):** 2017

**Department:** 9101

**Status:** Active

**Completion Date (FYE):** Beyond

**Description:**

Phase I Country Club Road (FY16-FY19)- Linda Lane to East Market St. at Valley Mall. Widen roadway to 2-lanes with turn lane at intersection of Keezletown Rd. Install sidewalk and shared use path.

Phase II Country Club Road (Formerly MLK Way Extension) (Beyond)- MLK Way Extended to Country Club Road and then improved to Linda Lane. Cul-De-Sac Country Club Road at Vine Street. Widen roadway to 2-lanes with traffic signal and turnlanes at MLK Way Extended and Country Club Road intersection. Phase is contingent upon VDOT reconstructing I-81 bridges over Country Club Road.

**Justifications:**

- Mandated
- x-Remove hazards
- Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Explanation:**

Project to improve traffic flow, provide improved left turn lanes, reduce delays and support development in the area. Improve drainage ditch parallel to roadway. Project to be built in phases to coordinate with development and VDOT I-81 Bridge replacement schedule.

**Goals/Objectives/  
Strategies:**

- G 10
- S 10.1.7
- S 10.1.9
- O 10.2
- S 10.2.1
- S 10.2.3
- S 10.2.9
- O 10.7
- S 10.7.1

**Alternative:**

Allow increased traffic to deal with delays.

<b>Expenditures:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Planning							\$600,000	\$600,000
Land		\$1,200,000	\$1,300,000				\$3,000,000	\$5,500,000
Construction				\$3,500,000			\$4,000,000	\$7,500,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$0</b>	<b>\$1,200,000</b>	<b>\$1,300,000</b>	<b>\$3,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,600,000</b>	<b>\$13,600,000</b>

<b>Funding Sources:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue							\$600,000	\$600,000
Enterprise Revenue								\$0
Bond Proceeds		\$1,200,000	\$1,300,000	\$3,500,000			\$7,000,000	\$13,000,000
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$0</b>	<b>\$1,200,000</b>	<b>\$1,300,000</b>	<b>\$3,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,600,000</b>	<b>\$13,600,000</b>

<b>Operating Impacts:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** VIRGINIA AVE - GAY ST TO 5TH ST

**Project Code:** PWSTP27

**Project Priority:** Priority 2

**Project Type:** IMPROVEMENT

**Start Date (FYE):** 2020

**Department:** 9101

**Status:** Active

**Completion Date (FYE):** beyond

**Description:**

Relocate curb and gutter to widen street between Gay St and 5th St. Replace storm drain system, improve alleys and parking areas behind homes to remove On-Street parking from Virginia Ave and repave and mark pavement to 4-lane facility.

**Justifications:**

- Mandated
- x-Remove hazards
- Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Explanation:**

Project to improve traffic flow. Traffic counts justify 4 lanes. This will complete 4 laning of Virginia Ave, High St. (Rte. 42) through Harrisonburg.

**Alternative:**

NONE: Traffic counts warrant four lanes.

**Goals/Objectives/  
Strategies:**

- G 10
- O 10.1
- S 10.1.6
- S 10.1.9
- O 10.2
- S 10.2.1
- S 10.2.3
- S 10.2.9
- O 10.7
- S 10.7.1

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning					\$425,000			\$425,000
Land							\$1,000,000	\$1,000,000
Construction							\$2,500,000	\$2,500,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$425,000	\$0	\$3,500,000	\$3,925,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue					\$425,000			\$425,000
Enterprise Revenue								\$0
Bond Proceeds							\$3,500,000	\$3,500,000
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$425,000	\$0	\$3,500,000	\$3,925,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** LINDA LANE WIDENING 910141-48696

**Project Code:** PWSTP28

**Project Priority:** Priority 2

**Project Type:** IMPROVEMENT

**Start Date (FYE):** 2017

**Department:** 9101

**Status:** Active

**Completion Date (FYE):** 2018

**Description:**

Construct five-lane facility, including center turn lane, sidewalk, shared use path with curb and gutter, from East Market Street to Country Club Road. Developer participation in construction from the Quarry development.

**Justifications:**

- Mandated
- x-Remove hazards
- x-Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- x-New service
- Convenience
- Other

**Explanation:**

Provide adequate access to new planned developments.

**Alternative:**

Use existing insufficient facilities.

**Goals/Objectives/  
Strategies:**

- G 10
- O 10.1
- S 10.1.3
- S 10.1.6
- S 10.1.9
- O 10.2
- S 10.2.1
- S 10.2.3
- S 10.2.9
- O 10.7
- S 10.7.1

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning		\$250,000						\$250,000
Land		\$250,000						\$250,000
Construction			\$1,300,000					\$1,300,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$0</b>	<b>\$500,000</b>	<b>\$1,300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,800,000</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue		\$500,000	\$300,000					\$800,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants			\$650,000					\$650,000
Capital Project Fund								\$0
Other Revenue			\$350,000					\$350,000
<b>Total</b>	<b>\$0</b>	<b>\$500,000</b>	<b>\$1,300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,800,000</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** SMITHLAND ROAD

**Project Code:** PWSTP28A

**Project Priority:** Priority 2

**Department:** 9101

**Project Type:** IMPROVEMENT

**Status:** Active

**Start Date (FYE):** 2018

**Completion Date (FYE):** 2020

**Description:**

Construct 4-Lane street with sidewalks, curb & gutter, bicycle lanes or shared use path, and raised median from the intersection of Linda Lane extended to Old Furnace Road @ I-81.

**Justifications:**

- Mandated
- Remove hazards
- x-Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Explanation:**

Project to provide east-west travel way from the commercial area east of I-81 to the industrial area in the Northwest section of the City and adjoining Rockingham County Technology Park.

**Goals/Objectives/  
Strategies:**

- G 10
- O 10.1
- S 10.1.6
- S 10.1.9
- O 10.2
- S 10.2.1
- S 10.2.3
- S 10.2.9
- O 10.7
- S 10.7.1

**Alternative:**

Use existing insufficient facilities.

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning			\$500,000					\$500,000
Land					\$1,000,000			\$1,000,000
Construction					\$2,750,000			\$2,750,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$3,750,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,250,000</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue			\$500,000		\$1,875,000			\$2,375,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants					\$1,875,000			\$1,875,000
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$3,750,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,250,000</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** MT. CLINTON PIKE EAST EXTENDED

**Project Code:** PWSTP29

**Project Priority:** Priority 3

**Project Type:** NEW

**Start Date (FYE):** 2020

**Department:** 9101

**Status:** Active

**Completion Date (FYE):** Beyond

**Description:**

Construct 4-lane street with sidewalks, curb & gutter, bicycle lanes or shared use path, from the intersection of North Main Street & Mt. Clinton Pike to the intersection of Smithland Road & Old Furnace Road.

**Justifications:**

- Mandated
- x-Remove hazards
- x-Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- x-New service
- Convenience
- Other

**Explanation:**

Project to provide east-west travel way from the commercial area east of I-81 to the industrial area in the northwest section of the city. Partner w/Rockingham County and VDOT on design, alignment and construction.

**Alternative:**

Improve Vine Street connection to Country Club Road.

**Goals/Objectives/  
Strategies:**

- G 10
- O 10.1
- S 10.1.9
- O 10.2
- S 10.2.1
- S 10.2.3
- S 10.2.9
- O 10.7
- S 10.7.1

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning					\$1,200,000			\$1,200,000
Land							\$3,000,000	\$3,000,000
Construction							\$6,000,000	\$6,000,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$1,200,000	\$0	\$9,000,000	\$10,200,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue					\$1,200,000			\$1,200,000
Enterprise Revenue								\$0
Bond Proceeds							\$9,000,000	\$9,000,000
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$1,200,000	\$0	\$9,000,000	\$10,200,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** SAFE ROUTES TO SCHOOL THOMAS HARRISON M.S.

**Project Code:** PWSTP34

**Project Priority:** Priority 2

**Project Type:** NEW

**Start Date (FYE):** 2017

**Department:** 9101

**Status:** Active

**Completion Date (FYE):** 2017

**Description:**

Formerly Wyndham Dr. to West Market St. Trail. Construct shared use path or trail to (a) connect West Market St and Westover Park to THMS, and (b) connect Wyndham Dr. to THMS.

**Justifications:**

- Mandated
- x-Remove hazards
- Maintains service
- Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Explanation:**

Construction of bicycle and pedestrian facilities as prioritized by adopted Bicycle and Pedestrian Plan.

**Alternative:**

None.

**Goals/Objectives/  
Strategies:**

- G 10
- O 10.2
- S 10.2.2
- S 10.2.9

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning		\$125,000						\$125,000
Land								\$0
Construction		\$1,000,000						\$1,000,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$1,125,000	\$0	\$0	\$0	\$0	\$0	\$1,125,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue		\$562,500						\$562,500
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants		\$562,500						\$562,500
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$1,125,000	\$0	\$0	\$0	\$0	\$0	\$1,125,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** HILLANDALE PARK TO GARBERS CHURCH RD TRAIL

**Project Code:** PWSTP35

**Project Priority:** Priority 2

**Project Type:** NEW

**Start Date (FYE):** 2017

**Department:** 9101

**Status:** Active

**Completion Date (FYE):** 2017

**Description:**

Construct shared use path between Hillandale Park to Garbers Church Road to provide connection between neighborhood, park, Harrisonburg High School, and new Elementary School. Also, construct path from Wyndham Drive to Hillandale Park and construct shared use path on Garbers Church Road to get from path to school entrance.

**Justifications:**

Mandated  
 x-Remove hazards  
 Maintains service  
 Increase efficiency  
 Increase revenues  
 x-Improves service  
 New service  
 x-Convenience  
 Other

**Explanation:**

Construction of bicycle and pedestrian facilities as prioritized by adopted Bicycle and Pedestrian Plan.

**Alternative:**

None.

**Goals/Objectives/  
Strategies:**

G 9  
 O 9.4  
 G 10  
 O 10.2  
 S 10.2.2  
 S 10.2.9

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning		\$275,000						\$275,000
Land								\$0
Construction		\$2,140,000						\$2,140,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$2,415,000	\$0	\$0	\$0	\$0	\$0	\$2,415,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue		\$982,500						\$982,500
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants		\$1,207,500						\$1,207,500
Capital Project Fund								\$0
Other Revenue		\$225,000						\$225,000
<b>Total</b>	\$0	\$2,415,000	\$0	\$0	\$0	\$0	\$0	\$2,415,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Northend Greenway

**Project Code:** PWSTP37

**Project Priority:** Priority 2

**Department:** 9101

**Project Type:** ADDITION

**Status:** Active

**Start Date (FYE):** 2014

**Completion Date (FYE):** 2018

**Description:**

Construct a 10' wide multiuse path along Blacks Run between Parkview area and North Main Street. Project follows the approximate trace of the former Blacks Run Greenway alignment. Currently Phase 1 is funded and constructs the NEG from Mt. Clinton Pike to the intersection of Liberty St and Suter St. Phase 2 is not currently funded and will construct the trail from Suter St to North Main Street.

**Justifications:**

Mandated  
 x-Remove hazards  
 Maintains service  
 Increase efficiency  
 Increase revenues  
 Improves service  
 x-New service  
 Convenience  
 Other

**Explanation:**

**Alternative:**

Widen Chicago Avenue and construct sidewalks/bicycle lanes from Mt Clinton Pike to Gay Street.

**Goals/Objectives/  
Strategies:**

G 9  
 O 9.4  
 G 10  
 O 10.2  
 S 10.2.2  
 S 10.2.9

<b>Expenditures:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Planning	\$205,000						\$205,000	\$410,000
Land	\$200,000						\$200,000	\$400,000
Construction	\$895,000						\$895,000	\$1,790,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$1,300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,300,000</b>	<b>\$2,600,000</b>

<b>Funding Sources:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue	\$700,000						\$700,000	\$1,400,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants	\$600,000						\$600,000	\$1,200,000
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$1,300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,300,000</b>	<b>\$2,600,000</b>

<b>Operating Impacts:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** North Main Street Sidewalk

**Project Code:** PWSTP38

**Project Priority:** Priority 2

**Department:** 9101

**Project Type:** ADDITION

**Status:** Active

**Start Date (FYE):** 2017

**Completion Date (FYE):** 2017

**Description:**

Construct sidewalk and curb/gutter on North Main Street from Charles Street to Vine Street. Include a sidewalk to Harris Gardens Apartment Complex on Vine Street

**Justifications:**

- Mandated
- x-Remove hazards
- Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- x-New service
- Convenience
- Other

**Explanation:**

Provide connection to an income-based housing complex where residents rely on alternative transportation to access shopping in the downtown area. Consider CDBG to finance a portion of the project.

**Goals/Objectives/  
Strategies:**

- G 10
- O 10.2
- S 10.2.2
- S 10.2.9

**Alternative:**

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning		\$20,000						\$20,000
Land		\$80,000						\$80,000
Construction		\$500,000						\$500,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$0</b>	<b>\$600,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$600,000</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue		\$600,000						\$600,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$0</b>	<b>\$600,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$600,000</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Reservoir Street Sidewalk

**Project Code:** PWSTP40

**Project Priority:** Priority 2

**Department:** 9101

**Project Type:** ADDITION

**Status:** Active

**Start Date (FYE):** 2017

**Completion Date (FYE):** 2017

**Description:**

Construct five-foot sidewalk on north side of Reservoir Street between Harrisonburg Crossing entrance and Martin Luther King Jr. Way.

**Justifications:**

- Mandated
- x-Remove hazards
- Maintains service
- Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Explanation:**

Pedestrians utilize the north side of Reservoir Street heavily and have worn a path along side the road. While a sidewalk exists on the south side of the roadway, residential communities are on the north side of the roadway and pedestrians walk on this side of the street to gain access to shopping areas east of I-81.

**Goals/Objectives/  
Strategies:**

- G 10
- O 10.2
- S 10.2.2
- S 10.2.9

**Alternative:**

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning		\$150,000						\$150,000
Land								\$0
Construction		\$850,000						\$850,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$0</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,000,000</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue		\$500,000						\$500,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants		\$500,000						\$500,000
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$0</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,000,000</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** I-81 Exit 245 Improvements

**Project Code:** PWSTP41

**Project Priority:** Priority 2

**Department:** 9101

**Project Type:** CONSTRUCTION

**Status:** Active

**Start Date (FYE):** 2017

**Completion Date (FYE):** 2019

**Description:**

Improvements to the I-81 Exit 245 NB off ramp onto Port Republic Road. Reconfigure the NB off ramp to align with Forest Hill Road and remove the existing NB off ramp.

**Justifications:**

- Mandated
- x-Remove hazards
- Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Explanation:**

Exit 245 has been studied under the MPO's recently completed Interchange Alternative Analysis report and improvements similar to this approach are proposed with that study. This project addresses some of the concerns outlined in that study by providing this reconfiguration of the NB off ramp

**Goals/Objectives/  
Strategies:**

- G 10
- O 10.7
- S 10.7.1

**Alternative:**

Continue to plan and implement recommendations from Interchange Alternative Analysis Study.

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning		\$500,000						\$500,000
Land								\$0
Construction				\$3,200,000				\$3,200,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$0</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$3,200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,700,000</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue								\$0
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue		\$500,000		\$3,200,000				\$3,700,000
<b>Total</b>	<b>\$0</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$3,200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,700,000</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Westover Pool UV System

**Project Code:** P&R 2019

**Project Priority:** Priority 2

**Department:** 710771

**Project Type:** SYSTEM UPGRADE

**Status:** Active

**Start Date (FYE):** 2020

**Completion Date (FYE):** 2020

**Description:**

Installation of an ultra-violet (UV) system to current filter/pump system to improve general sanitation and to decrease overall chemical costs.

**Justifications:**

- Mandated
- x-Remove hazards
- Maintains service
- x-Increase efficiency
- Increase revenues
- Improves service
- New service
- Convenience
- Other

**Explanation:**

Although our current system meets existing sanitation requirements, these standards continue to change and become more stringent. This upgrade will allow us to meet future standards.

**Goals/Objectives/  
Strategies:**

O 9.6

**Alternative:**

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction					\$4,500			\$4,500
Equipment					\$85,500			\$85,500
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$90,000	\$0	\$0	\$90,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue					\$90,000			\$90,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$90,000	\$0	\$0	\$90,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets					\$3,500	\$3,500	\$3,500	\$10,500
<b>Total</b>	\$0	\$0	\$0	\$0	\$3,500	\$3,500	\$3,500	\$10,500



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** WESTOVER POOL DECK RESURFACING AND ZERO DEPTH ENTRY

**Project Code:** P&R776

**Project Priority:** Priority 2

**Department:** 710771

**Project Type:** NEW

**Status:** Active

**Start Date (FYE):** 2016

**Completion Date (FYE):** 2016

**Description:**

During the past 45 years, the concrete deck has developed cracks, pot holes and has dropped down at several of the expansion joints. During this process, a zero depth pool entry for handicapped and elderly patrons should be installed to ensure ADA requirements are met

**Justifications:**

Mandated  
 x-Remove hazards  
 x-Maintains service  
 Increase efficiency  
 Increase revenues  
 x-Improves service  
 New service  
 Convenience  
 Other

**Explanation:**

Approximately 27,500 sq. ft. of aging concrete decking through out the pool complex, needs to be resurfaced and/or replaced. One of the deck drains needs to be extended and a new 3" drain placed inside the air structure area. The top of the air structure's concrete grade beam needs to be prepared and resurfaced as part of the deck. A zero depth pool access should also be installed.

**Alternative:**

Continue with existing deck issues which are a safety and handicapped access issue.

**Goals/Objectives/  
Strategies:**

O 9.6

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning		\$7,000						\$7,000
Land								\$0
Construction		\$240,000						\$240,000
Equipment		\$2,000						\$2,000
Other Expenses								\$0
<b>Total</b>	<b>\$0</b>	<b>\$249,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$249,000</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue		\$249,000						\$249,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$0</b>	<b>\$249,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$249,000</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Westover Pool Slide Replacement

**Project Code:** PR2017-1

**Project Priority:** Priority 2

**Department:** 710771

**Project Type:** REPLACEMENT

**Status:** Active

**Start Date (FYE):** 2017

**Completion Date (FYE):** 2017

**Description:**

Current waterslide is now 15 years old and quickly approaching the end of useful life without extensive repairs. The waterslide is a popular family attraction and continues to generate additional revenue.

**Justifications:**

- Mandated
- x-Remove hazards
- x-Maintains service
- Increase efficiency
- x-Increase revenues
- Improves service
- New service
- Convenience
- Other

**Explanation:**

The waterslide requires regular maintenance and repair to maintain safety standards. In FY 2014, the slide required over \$5000 of repairs to maintain its integrity and safety standards

**Alternative:**

Continue to repair slide on a yearly and seasonal basis until it cannot be repaired due to loss of integrity and repair costs are prohibitive

**Goals/Objectives/  
Strategies:**

S 9.6.4

<b>Expenditures:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Planning		\$3,800						\$3,800
Land								\$0
Construction		\$10,000						\$10,000
Equipment		\$95,000						\$95,000
Other Expenses								\$0
<b>Total</b>	<b>\$0</b>	<b>\$108,800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$108,800</b>

<b>Funding Sources:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue		\$108,800						\$108,800
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$0</b>	<b>\$108,800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$108,800</b>

<b>Operating Impacts:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Westover Pool Resurfacing

**Project Code:** P&R 2020

**Project Priority:** Priority 2

**Department:** 710771

**Project Type:** RENOVATION

**Status:** Active

**Start Date (FYE):** 2017

**Completion Date (FYE):** 2018

**Description:**

Resurfacing of the interior surfaces of Westover Pool

**Justifications:**

- Mandated
- x-Remove hazards
- x-Maintains service
- Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Explanation:**

The interior surfaces of pool surfaces that consist of cement plaster deteriorate over time due to wear and tear, chemical degradation and cleaning. The interior surfaces of Westover pool (side and bottom), pool coping and tiles are in need of replastering and replacement.

**Alternative:**

Continue to allow these surfaces to deteriorate resulting in unsafe and unhealthy conditions.

**Goals/Objectives/  
Strategies:**

O 9.3

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning		\$5,000						\$5,000
Land								\$0
Construction		\$225,000						\$225,000
Equipment		\$10,000						\$10,000
Other Expenses								\$0
<b>Total</b>	<b>\$0</b>	<b>\$240,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$240,000</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue		\$240,000						\$240,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$0</b>	<b>\$240,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$240,000</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



**Capital Improvement Program  
FY2017 thru FY2021  
Project Request Form**

**Project Title:** Westover Pool Spray Park Addition

**Project Code:** P&R775

**Project Priority:** Priority 3

**Department:** 710771

**Project Type:** NEW

**Status:** Active

**Start Date (FYE):** 2018

**Completion Date (FYE):** 2019

**Description:**

A spray park is a flat surface splash pool where water flows from a variety of features installed within the spray park area.

It will be designed with shallow water, zero depth beach style entry. The plan is for the Spray Park to be located in the present grass area, at the south end of the pool complex.

**Justifications:**

- Mandated
- Remove hazards
- Maintains service
- Increase efficiency
- Increase revenues
- x-Improves service
- x-New service
- Convenience
- Other

**Explanation:**

A Spray Park would provide, along with the existing mini park water slide, an additional family-friendly aquatic attraction that will draw both children and adults alike. It will help to rejuvenate a forty year old multi lane pool complex.

**Goals/Objectives/  
Strategies:**

- O 9.3
- S 9.5.1

**Alternative:**

none

<b>Expenditures:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Planning		\$30,000						\$30,000
Land								\$0
Construction			\$250,500					\$250,500
Equipment			\$180,500					\$180,500
Other Expenses								\$0
<b>Total</b>	<b>\$0</b>	<b>\$30,000</b>	<b>\$431,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$461,000</b>

<b>Funding Sources:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue			\$431,000					\$431,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$431,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$431,000</b>

<b>Operating Impacts:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel				\$9,800	\$10,000	\$10,400	\$10,800	\$41,000
Operating				\$5,500	\$5,600	\$5,700	\$5,800	\$22,600
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15,300</b>	<b>\$15,600</b>	<b>\$16,100</b>	<b>\$16,600</b>	<b>\$63,600</b>



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Purcell Park Pond Renovation

**Project Code:** P&R 1703

**Project Priority:** Priority 2

**Department:** 710271

**Project Type:** RENOVATION

**Status:** Active

**Start Date (FYE):** 2017

**Completion Date (FYE):** 2017

**Description:**

The fishing pond at Purcell Park has collected sediment since the last time it was drained and dredged over 20 years ago.

**Justifications:**

- Mandated
- x-Remove hazards
- x-Maintains service
- Increase efficiency
- Increase revenues
- Improves service
- New service
- Convenience
- Other

**Explanation:**

The depth of the pond is now less than 2 feet deep in many places because of the sediment collected in the pond. The pond will need to be drained, sediment removed and new structures constructed for water intake and outtake.

**Alternative:**

Allow pond to continue to fill in.

**Goals/Objectives/  
Strategies:**

S 9.6.4

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning		\$3,500						\$3,500
Land								\$0
Construction		\$42,500						\$42,500
Equipment		\$4,000						\$4,000
Other Expenses								\$0
<b>Total</b>	<b>\$0</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$50,000</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue		\$50,000						\$50,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$0</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$50,000</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Parks Accessibility Improvement Program

**Project Code:** P&R 151

**Project Priority:** Priority 1

**Department:** 710271

**Project Type:** ADDITION & RENOVATION

**Status:** Active

**Start Date (FYE):** 2015

**Completion Date (FYE):** 2020

**Description:**

The Parks Accessibility Assessment team was created in 2013 to address accessibility challenges in the park system. Improvements to parks grounds and facilities are recommended on a priority schedule

**Justifications:**

- x-Mandated
- Remove hazards
- x-Maintains service
- Increase efficiency
- Increase revenues
- x-Improves service
- x-New service
- x-Convenience
- Other

**Explanation:**

2016-17 Kiwanis Park, Eastover Tennis Courts,  
2017-18 R. Sampson Park, Simms Center, Hillandale Park  
2018-19 CFG Community Activities Center, Westover Park, Purcell Park  
2019-20 Riven Rock Park, Smithland Soccer Fields

**Goals/Objectives/  
Strategies:**

- G 9
- O 9.1
- O 9.3

**Alternative:**

Alterations are mandated

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning		\$2,500	\$2,500	\$2,500	\$2,500			\$10,000
Land								\$0
Construction		\$45,000	\$42,000	\$45,000	\$12,000			\$144,000
Equipment		\$8,000	\$5,000	\$8,000				\$21,000
Other Expenses								\$0
<b>Total</b>	<b>\$0</b>	<b>\$55,500</b>	<b>\$49,500</b>	<b>\$55,500</b>	<b>\$14,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$175,000</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue		\$55,500	\$49,500	\$55,500	\$14,500			\$175,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$0</b>	<b>\$55,500</b>	<b>\$49,500</b>	<b>\$55,500</b>	<b>\$14,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$175,000</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Skidloader Replacement

**Project Code:** P&R 2016

**Project Priority:** Priority 2

**Department:** 710271

**Project Type:** REPLACEMENT

**Status:** Active

**Start Date (FYE):** 2017

**Completion Date (FYE):** 2017

**Description:**

Present skidloader was acquired in 1991 and is integral equipment involved in grading, material handling, snow removal and utility ditching among other uses.

**Justifications:**

Mandated  
 Remove hazards  
 x-Maintains service  
 x-Increase efficiency  
 Increase revenues  
 x-Improves service  
 New service  
 Convenience  
 Other

**Explanation:**

Replacement would eliminate repair and downtime costs and acquirement of additional attachments such as rotary brush, snow plow, ditch digger, rock picker and backhoe will allow for increased efficiency and elimination of present rental costs.

**Goals/Objectives/  
Strategies:**

S 9.6.4

**Alternative:**

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction								\$0
Equipment		\$52,000						\$52,000
Other Expenses								\$0
<b>Total</b>	\$0	\$52,000	\$0	\$0	\$0	\$0	\$0	\$52,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue		\$52,000						\$52,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$52,000	\$0	\$0	\$0	\$0	\$0	\$52,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Playground Improvement Program

**Project Code:** P&R 153

**Project Priority:** Priority 2

**Department:** 710271

**Project Type:** ADDITION & RENOVATION

**Status:** Active

**Start Date (FYE):** 2017

**Completion Date (FYE):** 2020

**Description:**

Most of the playground systems in our parks are now at least 10 years old and in need of expansion, renovation and updating. This program provides a schedule for this endeavor

**Justifications:**

Mandated  
 x-Remove hazards  
 x-Maintains service  
 Increase efficiency  
 Increase revenues  
 x-Improves service  
 New service  
 Convenience  
 Other

**Explanation:**

2017-18 Morrison Park Playground  
 2018-19 New Playground at Smithland Park  
 2019-20 Ralph Sampson Playground  
 2020-21 Renovation of Kid's Castle, Purcell Park  
 2021-22 New Playground at Ramblewood Park  
 2022-23 Kiwanis Park Playground

**Goals/Objectives/  
Strategies:**

O 9.6  
 S 9.6.4

**Alternative:**

Continue to maintain and repair existing playgrounds

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning					\$5,500			\$5,500
Land								\$0
Construction		\$20,000	\$30,000	\$25,000	\$32,000	\$35,000	\$22,000	\$164,000
Equipment		\$38,000	\$85,000	\$45,000	\$82,000	\$78,000	\$40,000	\$368,000
Other Expenses								\$0
<b>Total</b>	<b>\$0</b>	<b>\$58,000</b>	<b>\$115,000</b>	<b>\$70,000</b>	<b>\$119,500</b>	<b>\$113,000</b>	<b>\$62,000</b>	<b>\$537,500</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue		\$58,000	\$115,000	\$70,000	\$119,500	\$113,000	\$62,000	\$537,500
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$0</b>	<b>\$58,000</b>	<b>\$115,000</b>	<b>\$70,000</b>	<b>\$119,500</b>	<b>\$113,000</b>	<b>\$62,000</b>	<b>\$537,500</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Ralph Sampson Park Improvement Project

**Project Code:** P&R104

**Project Priority:** Priority 2

**Department:** 710271

**Project Type:** NEW

**Status:** Active

**Start Date (FYE):** 2008

**Completion Date (FYE):** 2018

**Description:**

A master plan for improvements at Ralph Sampson Park was completed in 2008 with improvements projected in four phases. Phase 1 and Phase 2 have been completed consisting of the entrance road, cul-se-sac and two picnic shelters and comfort station. This request is for Phase 3 - Sprayground and associated comfort station.

**Justifications:**

- Mandated
- Remove hazards
- Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- x-New service
- x-Convenience
- Other

**Explanation:**

Water spraygrounds or splash pads are recommended alternatives to public swimming pools. Construction and operational costs are considerably lower with facility meeting similar demands

**Alternative:**

**Goals/Objectives/  
Strategies:**

- S 9.5.1
- S 9.6.4

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning			\$61,000					\$61,000
Land								\$0
Construction			\$652,530					\$652,530
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$713,530	\$0	\$0	\$0	\$0	\$713,530

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue			\$713,530					\$713,530
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$713,530	\$0	\$0	\$0	\$0	\$713,530

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel			\$23,000	\$23,800	\$24,300	\$24,800	\$25,100	\$121,000
Operating			\$7,000	\$7,400	\$7,800	\$8,100	\$8,300	\$38,600
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$30,000	\$31,200	\$32,100	\$32,900	\$33,400	\$159,600



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** A Park for Downtown Harrisonburg

**Project Code:** P&R 2017

**Project Priority:** Priority 3

**Department:** 710171

**Project Type:** NEW

**Status:** Active

**Start Date (FYE):** 2017

**Completion Date (FYE):** 2021

**Description:**

An urban park for downtown Harrisonburg to be constructed on existing City Property located behind the City Hall in the area surrounding Turner Pavilion

**Justifications:**

- Mandated
- Remove hazards
- Maintains service
- Increase efficiency
- Increase revenues
- Improves service
- x-New service
- Convenience
- Other

**Explanation:**

City Council approved in concept plans for a new downtown park and appointed two council members to serve on a joint city/park committee task force. The park is intended to meet the needs of a wide diversity of local residents and attract visitors for relaxation and special events. The Farmer's Market will be expanded and new amenities added including a children's play area, open lawn, covered pergola, water features, park furnishing and landscaping

**Goals/Objectives/  
Strategies:**

O 9.1

**Alternative:**

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning		\$400,000						\$400,000
Land								\$0
Construction			\$4,700,000					\$4,700,000
Equipment				\$400,000				\$400,000
Other Expenses								\$0
<b>Total</b>	<b>\$0</b>	<b>\$400,000</b>	<b>\$4,700,000</b>	<b>\$400,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,500,000</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue		\$50,000						\$50,000
Enterprise Revenue								\$0
Bond Proceeds			\$3,650,000					\$3,650,000
Grants		\$300,000						\$300,000
Capital Project Fund								\$0
Other Revenue		\$1,500,000						\$1,500,000
<b>Total</b>	<b>\$0</b>	<b>\$1,850,000</b>	<b>\$3,650,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,500,000</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel				\$42,000	\$43,500	\$45,000	\$46,000	\$176,500
Operating				\$35,000	\$36,000	\$37,500	\$38,000	\$146,500
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$77,000</b>	<b>\$79,500</b>	<b>\$82,500</b>	<b>\$84,000</b>	<b>\$323,000</b>



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** LAND ACQUISITION, NEAR EASTOVER TENNIS COURTS

**Project Code:** P&R604

**Project Priority:** Priority 3

**Department:** 710171

**Project Type:** NEW

**Status:** Active

**Start Date (FYE):** 2016

**Completion Date (FYE):** 2016

**Description:**

Acquisition of additional property adjacent to Eastover Tennis Courts to allow for expansion of tennis activities.

**Justifications:**

- Mandated
- Remove hazards
- Maintains service
- Increase efficiency
- x-Increase revenues
- x-Improves service
- x-New service
- Convenience
- Other

**Explanation:**

Acquisition of property adjacent to Eastover Tennis Courts would allow for establishment of additional courts, walking trail and additional amenities. Addition of four courts at this location would establish central tennis location, and attract regular tournaments to the area, increasing revenue from tourism dollars.

**Alternative:**

Continue with present facilities.

**Goals/Objectives/  
Strategies:**

O 9.1

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land			\$600,000					\$600,000
Construction								\$0
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$600,000	\$0	\$0	\$0	\$0	\$600,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue			\$600,000					\$600,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$600,000	\$0	\$0	\$0	\$0	\$600,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** LAND ACQUISITION SE, COMMUNITY PARK

**Project Code:** P&R607

**Project Priority:** Priority 3

**Department:** 710171

**Project Type:** NEW

**Status:** Active

**Start Date (FYE):** 2017

**Completion Date (FYE):** 2017

**Description:**

Acquisition of land parcel in southeast section of Harrisonburg.

**Justifications:**

Mandated  
Remove hazards  
Maintains service  
Increase efficiency  
x-Increase revenues  
x-Improves service  
x-New service  
Convenience  
Other

**Explanation:**

2003 Comprehension Master Plan for Park and Recreation for the City of Harrisonburg recommends acquisition of property in the southeast sector of Harrisonburg for establishment of a Community Park with aquatic facility.

**Goals/Objectives/  
Strategies:**

O 9.1  
S 9.5.2

**Alternative:**

None

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land		\$800,000						\$800,000
Construction								\$0
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$800,000	\$0	\$0	\$0	\$0	\$0	\$800,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue		\$800,000						\$800,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$800,000	\$0	\$0	\$0	\$0	\$0	\$800,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Ramblewood Park Redevelopment

**Project Code:** P&R 1002

**Project Priority:** Priority 2

**Department:** 910771

**Project Type:** REBUILD

**Status:** Active

**Start Date (FYE):** 2013

**Completion Date (FYE):** Ongoing

**Description:**

Planning, design and funding for new athletic and park facilities on former city landfill site and Emswiler property.

**Justifications:**

- x-Mandated
- x-Remove hazards
- x-Maintains service
- Increase efficiency
- Increase revenues
- Improves service
- x-New service
- Convenience
- Other

**Explanation:**

The Ramblewood Fields Athletic Complex was constructed in the mid 1980's on the completed section of the City Landfill. At the time of construction, landfill regulations were not as stringent or restrictive. The Va. DEQ is now requiring that a clay cap of 2 foot depth be placed on the existing athletic facilities. This will require a complete rebuild. A new Master Plan for Ramblewood Park was approved by City Council in August, 2012. This project was divided into two phases to spread costs over several years. Phase One is now complete Funding request is for Phase 2

**Alternative:**

**Goals/Objectives/  
Strategies:**

O 9.3

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning	\$55,000	\$45,000						\$100,000
Land								\$0
Construction	\$1,957,795	\$1,750,000						\$3,707,795
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$2,012,795</b>	<b>\$1,795,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,807,795</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue	\$55,000							\$55,000
Enterprise Revenue								\$0
Bond Proceeds	\$1,957,795	\$1,795,000						\$3,752,795
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$2,012,795</b>	<b>\$1,795,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,807,795</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel		\$44,000	\$44,880	\$45,750	\$46,650	\$47,140	\$47,500	\$275,920
Operating		\$22,500	\$22,950	\$23,400	\$23,850	\$24,300	\$24,800	\$141,800
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>	<b>\$66,500</b>	<b>\$67,830</b>	<b>\$69,150</b>	<b>\$70,500</b>	<b>\$71,440</b>	<b>\$72,300</b>	<b>\$417,720</b>



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** SMITHLAND ROAD PARK DEVELOPMENT

**Project Code:** P&R107

**Project Priority:** Priority 3

**Department:** 910771

**Project Type:** DEVELOPMENT

**Status:** Active

**Start Date (FYE):** ONGOING

**Completion Date (FYE):** ONGOING

**Description:**

The Comprehensive Master Plan for Parks and Recreation completed in 2003 recommends that the Smithland Road Property include various program elements and that athletic facilities serving primarily soccer, baseball and softball be the emphasis of the park. This request is for construction funds for additional playing fields, complimentary features and construction of basic infrastructure for continued development in the future.

**Justifications:**

Mandated  
 x-Remove hazards  
 Maintains service  
 Increase efficiency  
 Increase revenues  
 x-Improves service  
 x-New service  
 Convenience  
 Other

**Explanation:**

FY 2017- Paving of entrance road, parking lot, installation of sewer lines  
 FY 2018 Construction of restroom, maintenance facility to serve Fields #4-#6  
 FY 2019 Construction of Field #6  
 FY 2020 Begin renovations of Fields #1 and #2

**Goals/Objectives/  
Strategies:**

O 9.3

**Alternative:**

Delay construction of recreation facilities for our citizens

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction		\$320,000	\$225,000	\$280,000	\$240,000			\$1,065,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$0</b>	<b>\$320,000</b>	<b>\$225,000</b>	<b>\$280,000</b>	<b>\$240,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,065,000</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue		\$320,000	\$225,000	\$280,000	\$240,000			\$1,065,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$0</b>	<b>\$320,000</b>	<b>\$225,000</b>	<b>\$280,000</b>	<b>\$240,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,065,000</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel		\$18,500	\$18,900	\$19,500	\$20,100		\$20,700	\$97,700
Operating		\$6,900	\$7,200	\$10,800	\$11,400		\$12,000	\$48,300
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>	<b>\$25,400</b>	<b>\$26,100</b>	<b>\$30,300</b>	<b>\$31,500</b>	<b>\$0</b>	<b>\$32,700</b>	<b>\$146,000</b>



**Capital Improvement Program  
FY2017 thru FY2021  
Project Request Form**

**Project Title:** ATHLETIC FIELD LIGHTING SCHEDULE

**Project Code:** P&R802

**Project Priority:** Priority 2

**Department:** 910771

**Project Type:** ADDITION

**Status:** Active

**Start Date (FYE):** 2016

**Completion Date (FYE):** 2018

**Description:**

New Lighting systems for soccer fields at Smithland Road allowing increased usage to meet increased demand.  
 FY 2019 Smithland Road Fields #1  
 FY 2020 - Smithland Road Field #2  
 FY 2021 - Smithland Road Field #3

**Justifications:**

Mandated  
 Remove hazards  
 x-Maintains service  
 Increase efficiency  
 Increase revenues  
 x-Improves service  
 x-New service  
 Convenience  
 Other

**Explanation:**

Field lighting schedule for Smithland Road athletic field.

**Alternative:**

Limited use of athletic fields.

**Goals/Objectives/  
Strategies:**

O 9.1  
 S 9.5.1

<b>Expenditures:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction				\$227,000	\$231,000	\$235,000		\$693,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$0	\$227,000	\$231,000	\$235,000	\$0	\$693,000

<b>Funding Sources:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue				\$227,000	\$231,000	\$235,000		\$693,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$0	\$227,000	\$231,000	\$235,000	\$0	\$693,000

<b>Operating Impacts:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating				\$7,700	\$7,900	\$8,100	\$8,100	\$31,800
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$7,700	\$7,900	\$8,100	\$8,100	\$31,800



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Development Ordinance Improvements

**Project Code:** P&Z1

**Project Priority:** Priority 2

**Project Type:** REPLACEMENT

**Start Date (FYE):** 2017

**Department:** 810121

**Status:** Active

**Completion Date (FYE):** 2018

**Description:**

Hire planning consultants to review and recommend updates to the the City's current Zoning, Subdivision, and Sign regulations.

**Justifications:**

- Mandated
- Remove hazards
- x-Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Explanation:**

The current Zoning, Subdivision, and Sign Ordinances were last comprehensively reviewed and updated over 18 years ago. The Zoning Ordinance regulates land use; the Subdivision Ordinance controls how land may be divided, outlines general street design standards, and stipulates minimum improvements when subdividing property; while the Sign Ordinance regulates how uses and businesses can advertise on property within the City.

Over time, as development trends and community interests evolve, and as technology changes, these codes can become outdated, where they may be unrepresentative of the community's land development aspirations, unresponsive to proposed development, and sometimes irrelevant. In 1996, the Zoning and Sign Ordinances were comprehensively re-written and adopted and then in 1997 an extensive revision of the Subdivision Ordinance was approved. Copies of past Zoning Ordinances indicate these regulations were extensively revised almost once a decade from the 1950s through the 1990 revisions.

Since the 1990s revisions, several zoning districts have been added to the Zoning Ordinance, including the U-R, R-5, R-6, R-7, and MX-U districts. As well, many modifications have been made to multiple sections of the Ordinance across many different development issues, significant changes have been approved for parking lot landscaping regulations, Wireless Telecommunications Facilities, and amendments to the R-3 residential district have been approved. Furthermore, many changes have occurred in the City including significant development and a population increase of more than 15,000 people.

The timing of the planned evaluation and re-write of these three ordinances could occur immediately following the anticipated 2016-2017 Comprehensive Plan update. Waiting until after the upcoming Comprehensive Plan update will ensure the aspirations of the community are represented within these codes.

**Goals/Objectives/  
Strategies:**

- G 1
- G 2
- G 3
- G 4
- G 7
- G 8
- G 10
- G 15
- G 17

**Alternative:**

Perform an "in-house" evaluation and re-write, which would take a considerable amount of staff time, and/or maintain existing codes and revise regulations as necessary or as proposed by the community.

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning			\$125,000					\$125,000
Land								\$0
Construction								\$0
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$125,000	\$0	\$0	\$0	\$0	\$125,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue			\$125,000					\$125,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$125,000	\$0	\$0	\$0	\$0	\$125,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



**Capital Improvement Program  
FY2017 thru FY2021  
Project Request Form**

**Project Title:** Elizabeth Street Deck

**Project Code:** DP20071

**Project Priority:** Priority 2

**Department:** 810921

**Project Type:** ADDITION & REPLACEMENT

**Status:** Active

**Start Date (FYE):** 2022

**Completion Date (FYE):** 2023

**Description:**

Replace Elizabeth Street Parking Deck with a minimum 500 space facility and to consider multi-use structure.

**Explanation:**

Elizabeth Street Parking Deck is approximately 40 years old and nearing the end of its useful service life.

**Alternative:**

Continue utilizing general fund revenue to maintain existing Elizabeth Street Deck.  
  
Consider replacement as part of a PPEA or public private partnership opportunity.

**Justifications:**

- Mandated
- Remove hazards
- x-Maintains service
- x-Increase efficiency
- x-Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Goals/Objectives/  
Strategies:**

- G 15
- O 15.1
- S 15.1.2

<b>Expenditures:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Planning							\$300,000	\$300,000
Land								\$0
Construction							\$1,200,000	\$1,200,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000	\$1,500,000

<b>Funding Sources:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue							\$1,500,000	\$1,500,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000	\$1,500,000

<b>Operating Impacts:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0





## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Downtown Parking Deck

**Project Code:** DP20073

**Project Priority:** Priority 2

**Department:** 810921

**Project Type:** ADDITION & REPLACEMENT

**Status:** Active

**Start Date (FYE):** 2019

**Completion Date (FYE):** 2020

**Description:**

Replace Water Street Parking Deck with a minimum 500 space facility and to consider multi-use structure.

**Explanation:**

Water Street Parking Deck is approximately 40 years old and nearing the end of its useful service life.

**Alternative:**

Continue utilizing general fund revenue to maintain existing Water Street Deck.  
  
Consider replacement as part of a PPEA or public private partnership opportunity.

**Justifications:**

- Mandated
- Remove hazards
- x-Maintains service
- x-Increase efficiency
- x-Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Goals/Objectives/  
Strategies:**

- G 15
- O 15.1
- S 15.1.2

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction				\$750,000	\$7,500,000			\$8,250,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$0	\$750,000	\$7,500,000	\$0	\$0	\$8,250,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue								\$0
Enterprise Revenue								\$0
Bond Proceeds				\$750,000	\$7,500,000			\$8,250,000
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$0	\$750,000	\$7,500,000	\$0	\$0	\$8,250,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Upgrade HVAC Controls, Stonspring ES

**Project Code:** HCPS10

**Project Priority:** Priority 2

**Department:** 1311

**Project Type:** SYSTEM UPGRADE

**Status:** Active

**Start Date (FYE):** 2018

**Completion Date (FYE):** 2018

**Description:**

Upgrade HVAC Controls at Stone Spring Elementary School.

**Explanation:**

HVAC front end controls are outdated. Access by HVAC technician is limited.

**Alternative:**

**Justifications:**

- Mandated
- x-Maintains service
- x-Increase efficiency
- Increase revenues
- Improves service
- New service
- Convenience
- Other

**Goals/Objectives/  
Strategies:**

S 5.2.1

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction								\$0
Equipment			\$53,000					\$53,000
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$53,000	\$0	\$0	\$0	\$0	\$53,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue			\$53,000					\$53,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$53,000	\$0	\$0	\$0	\$0	\$53,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Storefront Door Replacements, Smithland ES & Skyline MS

**Project Code:** HCPS11

**Project Priority:** Priority 2

**Department:** 1311

**Project Type:** REPLACEMENT

**Status:** Active

**Start Date (FYE):** 2019

**Completion Date (FYE):** 2019

**Description:**

Replace storefront doors at Smithland Elementary School and Skyline Middle School.

**Explanation:**

Doors will need replacement by 2019.

**Alternative:**

**Justifications:**

- Mandated
- Remove hazards
- Maintains service
- x-Increase efficiency
- Increase revenues
- Improves service
- New service
- Convenience
- Other

**Goals/Objectives/  
Strategies:**

S 5.2.1

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction								\$0
Equipment				\$102,000				\$102,000
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$0	\$102,000	\$0	\$0	\$0	\$102,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue				\$102,000				\$102,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$0	\$102,000	\$0	\$0	\$0	\$102,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Chiller Replacement, Harrisonburg HS

**Project Code:** HCPS13

**Project Priority:** Priority 2

**Department:** 1311

**Project Type:** REPLACEMENT

**Status:** Active

**Start Date (FYE):** 2019

**Completion Date (FYE):** 2019

**Description:**

Replace chiller at Harrisonburg High School.

**Explanation:**

Chiller will reach replacement point.

**Alternative:**

**Justifications:**

- Mandated
- Remove hazards
- x-Maintains service
- x-Increase efficiency
- Increase revenues
- Improves service
- New service
- Convenience
- Other

**Goals/Objectives/  
Strategies:**

S 5.2.1

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction								\$0
Equipment				\$300,000				\$300,000
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$0	\$300,000	\$0	\$0	\$0	\$300,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue				\$300,000				\$300,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$0	\$300,000	\$0	\$0	\$0	\$300,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Renovation/Remodel of Thomas Harrison MS

**Project Code:** HCPS15

**Project Priority:** Priority 2

**Department:** 1311

**Project Type:** RENOVATION

**Status:** Active

**Start Date (FYE):** 2023

**Completion Date (FYE):** 2024

**Description:**

Renovate Thomas Harrison Middle School to approve capacity and improve infrastructure.

**Justifications:**

- Mandated
- Remove hazards
- x-Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Explanation:**

NOTE: City Management has revised the timing and costs of this project to reflect the projected timing of the City's ability to pay for the identified project. This project was originally submitted by the School Board anticipating \$47,000,000 needed in the 2017 FY column in the Expenditures table below. City Management deducted \$4,000,000 from the project as submitted as such funds are committed toward improvements for THMS in the current year.

**Alternative:**

**Goals/Objectives/  
Strategies:**

S 5.2.1

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction							\$43,000,000	\$43,000,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$43,000,000	\$43,000,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue								\$0
Enterprise Revenue								\$0
Bond Proceeds							\$43,000,000	\$43,000,000
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$43,000,000	\$43,000,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Purchase Land for Additional Capacity

**Project Code:** HCPS15

**Project Priority:** Priority 2

**Department:** 1311

**Project Type:** NEW

**Status:** Active

**Start Date (FYE):** 2018

**Completion Date (FYE):** 2019

**Description:**

Purchase land for additional capacity.

**Justifications:**

Mandated  
 Remove hazards  
 x-Maintains service  
 Increase efficiency  
 Increase revenues  
 x-Improves service  
 x-New service  
 Convenience  
 Other

**Explanation:**

With Harrisonburg City Public School enrollment growth, additional land will be required to increase the division's capacity.

NOTE: City Management has revised the timing and costs of this project to reflect the projected timing of the City's ability to pay for the identified project. This project was originally submitted by the School Board anticipating \$4,000,000 needed in the 2017 FY column in the Expenditures table below.

**Alternative:**

**Goals/Objectives/  
Strategies:**

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land				\$1,000,000				\$1,000,000
Construction								\$0
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$0	\$1,000,000	\$0	\$0	\$0	\$1,000,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue				\$1,000,000				\$1,000,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$0	\$1,000,000	\$0	\$0	\$0	\$1,000,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** High School Annex

**Project Code:** HCPS15

**Project Priority:** Priority 2

**Department:** 1311

**Project Type:** CONSTRUCTION

**Status:** Active

**Start Date (FYE):** 2021

**Completion Date (FYE):** 2022

**Description:**

Increase High School Capacity.

**Justifications:**

- Mandated
- Remove hazards
- x-Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Explanation:**

Increase High School capacity due to enrollment growth.

NOTE: City Management has revised the timing and costs of this project to reflect the projected timing of the City's ability to pay for the identified project. This project was originally submitted by the School Board titled "Increase High School Capacity," where they anticipated \$160,600,000 needed in the 2017 FY column shown in the Expenditures table below.

**Alternative:**

**Goals/Objectives/  
Strategies:**

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction						\$50,000,000		\$50,000,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$50,000,000	\$0	\$50,000,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue								\$0
Enterprise Revenue								\$0
Bond Proceeds						\$50,000,000		\$50,000,000
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$50,000,000	\$0	\$50,000,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Boiler Replacement, Stonespring ES

**Project Code:** HCPS3

**Project Priority:** Priority 2

**Department:** 1311

**Project Type:** REPLACEMENT

**Status:** Active

**Start Date (FYE):** 2016

**Completion Date (FYE):** 2016

**Description:**

Replace Outdated Boiler at Stone Spring Elementary School.

**Explanation:**

Existing boiler is the original equipment, 15+ years old.

**Alternative:**

**Justifications:**

- Mandated
- x-Remove hazards
- x-Maintains service
- x-Increase efficiency
- Increase revenues
- Improves service
- New service
- Convenience
- Other

**Goals/Objectives/  
Strategies:**

S 5.2.1

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction								\$0
Equipment		\$72,000						\$72,000
Other Expenses								\$0
<b>Total</b>	\$0	\$72,000	\$0	\$0	\$0	\$0	\$0	\$72,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue		\$72,000						\$72,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$72,000	\$0	\$0	\$0	\$0	\$0	\$72,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Air Handler Replacement, Spotswood ES

**Project Code:** HCPS4

**Project Priority:** Priority 2

**Department:** 1311

**Project Type:** REPLACEMENT

**Status:** Active

**Start Date (FYE):** 2016

**Completion Date (FYE):** 2016

**Description:**

Replace air handler at Spotswood Elementary School.

**Explanation:**

Replace original air handler (3 total).

**Alternative:**

**Justifications:**

- Mandated
- Remove hazards
- x-Maintains service
- x-Increase efficiency
- Increase revenues
- Improves service
- New service
- Convenience
- Other

**Goals/Objectives/  
Strategies:**

S 5.2.1

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction								\$0
Equipment			\$179,000					\$179,000
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$179,000	\$0	\$0	\$0	\$0	\$179,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue			\$179,000					\$179,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$179,000	\$0	\$0	\$0	\$0	\$179,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Air Handler Replacement, Waterman ES

**Project Code:** HCPS5

**Project Priority:** Priority 2

**Department:** 1311

**Project Type:** REPLACEMENT

**Status:** Active

**Start Date (FYE):** 2017

**Completion Date (FYE):** 2017

**Description:**

Replace Air Handlers (4) at Waterman Elementary School.

**Explanation:**

Replace original air handlers at Waterman Elementary School.

**Alternative:**

**Justifications:**

- Mandated
- Remove hazards
- x-Maintains service
- x-Increase efficiency
- Increase revenues
- Improves service
- New service
- Convenience
- Other

**Goals/Objectives/  
Strategies:**

S 5.2.1

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction								\$0
Equipment		\$253,000						\$253,000
Other Expenses								\$0
<b>Total</b>	\$0	\$253,000	\$0	\$0	\$0	\$0	\$0	\$253,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue		\$253,000						\$253,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$253,000	\$0	\$0	\$0	\$0	\$0	\$253,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Chiller Replacement, Stonespring ES

**Project Code:** HCPS6

**Project Priority:** Priority 2

**Department:** 1311

**Project Type:** REPLACEMENT

**Status:** Active

**Start Date (FYE):** 2016

**Completion Date (FYE):** 2017

**Description:**

Replace chiller at Stone Spring Elementary School.

**Explanation:**

Replace original chiller at Stone Spring Elementary School (2).

**Alternative:**

**Justifications:**

- Mandated
- x-Remove hazards
- x-Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Goals/Objectives/  
Strategies:**

S 5.2.1

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction								\$0
Equipment		\$135,000						\$135,000
Other Expenses								\$0
<b>Total</b>	\$0	\$135,000	\$0	\$0	\$0	\$0	\$0	\$135,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue		\$135,000						\$135,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$135,000	\$0	\$0	\$0	\$0	\$0	\$135,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Air Handler Replacement, Keister ES

**Project Code:** HCPS8

**Project Priority:** Priority 2

**Department:** 1311

**Project Type:** REPLACEMENT

**Status:** Active

**Start Date (FYE):** 2017

**Completion Date (FYE):** 2017

**Description:**

Replace 4 air handlers at Keister Elementary School.

**Explanation:**

This is original equipment in need of replacement.

**Alternative:**

**Justifications:**

- Mandated
- Remove hazards
- x-Maintains service
- x-Increase efficiency
- Increase revenues
- Improves service
- New service
- Convenience
- Other

**Goals/Objectives/  
Strategies:**

S 5.2.1

<b>Expenditures:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction								\$0
Equipment		\$253,000						\$253,000
Other Expenses								\$0
<b>Total</b>	\$0	\$253,000	\$0	\$0	\$0	\$0	\$0	\$253,000

<b>Funding Sources:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue		\$253,000						\$253,000
Enterprise Revenue								\$0
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$253,000	\$0	\$0	\$0	\$0	\$0	\$253,000

<b>Operating Impacts:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



# Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** WESTERN RAW WATERLINE (910161-48621)

**Project Code:** proj202

**Project Priority:** Priority 2

**Department:** 2011

**Project Type:** REPLACEMENT

**Status:** Active

**Start Date (FYE):** 1995

**Completion Date (FYE):** 2072

**Description:**

Raw water planning for replacements and upgrades of system assets that deliver raw water from North River, Silver Lake (inactive) and Dry River. Projects address issues pertaining to 1) Asset Management and Lifecycle Retirement, 2) System Risk Reduction, 3) Power/Energy Management.  
Current Replacement Value of Assets = \$27,780,450 @ ENR = 10,037  
Current Value after Depreciation = \$18,428,989 @ ENR = 10,037

**Justifications:**

- Mandated
- x-Remove hazards
- x-Maintains service
- x-Increase efficiency
- x-Increase revenues
- x-Improves service
- x-New service
- x-Convenience
- Other

**Explanation:**

- 2017 \$66,000 Western Raw Waterline Phase D1, year 3 Project design (from W&W 2012 study)
- 2017 \$117,000 North River Pump Station Intake Improvements
- 2017 \$30,000 Continued funding for 20" Raw waterline-Replacement, Rehab or anode protection
- 2017 \$10,000 Replace Motor operated Valve control @ Rawley Valve Vault-(see Raw water Risk study)
- 2018 \$66,000 Western Raw Waterline Phase D1, year 4 Engineering /design (from W&W 2012 study)
- 2018 \$30,000 Continued funding for 20" Raw waterline-Replacement, Rehab or anode protection
- 2018 \$1,000,000 Raw Waterline Erickson Avenue to WTP; Bond Funded
- 2019 \$581,000 Western Raw Waterline Phase D1, year 5 project construction (from W&W 2012 study)
- 2019 \$30,000 Continued funding for 20" Raw waterline-Replacement, Rehab or anode protection
- 2020 \$33,000 Western Raw Waterline Phase D2, year 1 Land (from W&W 2012 study)
- 2020 \$50,000 Dry River Waterline Relocations (In house study project #444) construction
- 2020 \$30,000 Continued funding for 20" Raw waterline-Replacement, Rehab or anode protection
- 2021 \$33,000 Western Raw Waterline Phase D2, year 2 Land acquisition (from W&W 2012 study)
- 2021 \$30,000 Continued funding for 20" Raw waterline-Replacement, Rehab or anode protection

**Goals/Objectives/  
Strategies:**

- S 11.1.1
- S 11.1.2

**Funding to Capital Project Fund**

Level Funding from Enterprise Revenue to Capital Project fund = \$300,000 per year 2017-2023 plus \$1,000,000 bond funding FY 2017  
Required Enterprise Revenue funding beyond 2021 = \$13,541,270 through 2072 including \$2,000,000 bond funding FY2065.

**Alternative:**

Limited opportunity to change project scope but schedule can be altered with acceptance of risk.

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning	\$645,000	\$66,000	\$66,000				\$1,425,686	\$2,202,686
Land	\$325,000				\$33,000	\$33,000	\$710,343	\$1,101,343
Construction	\$5,472,880	\$156,707	\$1,030,000	\$611,000	\$80,000	\$30,000	\$11,342,241	\$18,722,828
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$6,442,880</b>	<b>\$222,707</b>	<b>\$1,096,000</b>	<b>\$611,000</b>	<b>\$113,000</b>	<b>\$63,000</b>	<b>\$13,478,270</b>	<b>\$22,026,857</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue								\$0
Enterprise Revenue	\$6,442,880	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$13,083,977	\$21,026,857
Bond Proceeds		\$1,000,000						\$1,000,000
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$6,442,880</b>	<b>\$1,300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$13,083,977</b>	<b>\$22,026,857</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** EASTERN SOURCE DEVELOPMENT (910161-48654)

**Project Code:** proj203

**Project Priority:** Priority 2

**Department:** 2011

**Project Type:** NEW

**Status:** Active

**Start Date (FYE):** 1999

**Completion Date (FYE):** 2018

**Description:**

Construct intake, two pump stations, and 89,556 feet of pipe to convey raw water from the South Fork of the Shenandoah River to the City's Water Treatment Plant at Grand View Drive. Project was selected from various alternatives by City Council in 1999. Supporting documentation included "Raw Water Supply Study of Western Sources for Harrisonburg" dated April 8, 1992, "Raw Water Study South Fork Shenandoah River" dated July 1997, "Raw Waterline Route Study South Fork Shenandoah River to Water Treatment Plant" dated November 18, 1999, "Study for Waterline Crossing of I-81" dated October 2004, and "Preliminary Design Report For Raw Water Pump Station From Shenandoah River For The City of Harrisonburg", dated April 22, 2005. As an alternative option, groundwater evaluation studies were completed in 1992, 1997, 1999, and 2001.

Current Replacement Value of Assets = \$7,491,410

Current Value after Depreciation = \$7,251,200

**Justifications:**

- Mandated
- Remove hazards
- x-Maintains service
- Increase efficiency
- x-Increase revenues
- Improves service
- x-New service
- x-Convenience
- x-Other

**Explanation:**

Total Project estimate is \$33,288,657; 89,556 feet 30" pipe, 2 pump stations and 1 intake.

Funds expended to date are \$13,254,523 that included expenses for planning, land, construction, and management of the intake, partial completion of two pump stations, and installation of 26,560 feet of 30" pipe;

Funding on hand is \$1,037,173 to be expended in FY2017 for completion of all design and land acquisition plus some initial construction.

Bond funding required mid FY2017 to complete project FY2018.

**Goals/Objectives/  
Strategies:**

S 11.1.1

**Alternative:**

- Reevaluate project under differing goals
- Reevaluate project under partnership arrangements

<b>Expenditures:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Planning	\$1,134,692	\$234,294						\$1,368,986
Land	\$473,695	\$153,400						\$627,095
Construction	\$10,690,726	\$649,479	\$18,581,981					\$29,922,186
Equipment								\$0
Other Expenses	\$955,410		\$414,980					\$1,370,390
<b>Total</b>	<b>\$13,254,523</b>	<b>\$1,037,173</b>	<b>\$18,996,961</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$33,288,657</b>

<b>Funding Sources:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue								\$0
Enterprise Revenue	\$14,297,697	\$18,990,960						\$33,288,657
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$14,297,697</b>	<b>\$18,990,960</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$33,288,657</b>

<b>Operating Impacts:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000		\$250,000
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$250,000</b>



# Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Western Potable System (910161-48670)

**Project Code:** proj213

**Project Priority:** Priority 2

**Department:** 2011

**Project Type:** REPLACEMENT

**Status:** Active

**Start Date (FYE):** 2008

**Completion Date (FYE):** 2048

**Description:**

Capital Program associates with assets that are operated and maintained under budget 332061 but further defined by delivery to rural customers. Capital funds will allow water system to be upgraded, enhanced, expanded and revitalized through planned management of component assets such as mains, hydrants and valves. Parameters and strategies include useful life projections, condition assessments, and life cycle analyses. This capital program makes resources available such to allow the Department of Public Utilities to preplan the retirement of assets at the optimum replacement stage in their life cycle and to upsize existing mains to enhance delivery.

Asset Life Cycle Replacement Methodology in order of continuous improvement:

Level 1: Retirement date established by Age Only

Level 2: Retirement date established by Age and Qualitative Condition

Assessment

Level 3: Retirement date established by Age and Quantitative Condition

Assessment

Current Asset Replacement Value: \$16,912,196

Depreciated Asset Value (Rural Assets): \$8,035,965

Current Asset Replacement Value (Rural CMZ Assets): \$2,835,235

Depreciated Asset Value (Rural CMZ Assets): \$623,752

**Justifications:**

- Mandated
- x-Remove hazards
- x-Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Goals/Objectives/  
Strategies:**

- S 11.1.1
- S 11.1.2

**Explanation:**

Harrisonburg's rural water system has four subzones as follows: Rt 33 First Low Zone (FLZ), Rt 33 Dale Enterprise Zone (DEZ), Rt 33 Coopers Mountain Zone (CMZ) and other (RO).

Level 1 Replacement of Waterlines: Waterlines have an average life expectancy of 150 years. The earliest of these are located in the Rt 33 corridor and will come due in FY2048 at a cost of \$2,835,235. Under this asset management plan the pipe in the CMZ will be replaced whereas the pipe in the FLZ and DEZ will be abandoned with accompanying conversion of an existing raw water pipe to replace the abandoned pipe. Funding will begin in 2017 and carry forth until FY2048. Funding to relocate service connections to the adjacent 16" pipe has not yet been included in the level 1 cost estimate.

Level 1 Replacement of Air Release Valves and Hydrants: The City maintains an inventory of 20 air release valves and one hydrant in the rural system, each with an average life expectancy of 50 and 100 years, respectively. Using this criteria, 17 air release valves are due for replacement immediately. Funding will be provided as a contingency and actual replacement will be delayed pending condition assessment.

Level 1 replacement cost is \$92,000 annually.

Level 3 Replacement of Watermains: Western Potable Risk Reduction: A 2014 study by Public Utilities identified several sites where private property is at risk of damage by a failure of the Public rural water system. Funding is requested over the five year CIP period to remove these risks at a cost of \$153,256 at \$47,000 annually.

**Alternative:**

--

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction	\$333,557	\$63,626	\$63,626	\$63,626	\$63,626	\$63,626	\$2,843,635	\$3,495,322
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$333,557</b>	<b>\$63,626</b>	<b>\$63,626</b>	<b>\$63,626</b>	<b>\$63,626</b>	<b>\$63,626</b>	<b>\$2,843,635</b>	<b>\$3,495,322</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue								\$0
Enterprise Revenue	\$425,000	\$139,000	\$139,000	\$139,000	\$139,000	\$139,000	\$2,375,322	\$3,495,322
Bond Proceeds								\$0
Grants				100				\$0
Capital Project Fund								\$0



Other Revenue									\$0
Total	\$425,000	\$139,000	\$139,000	\$139,000	\$139,000	\$139,000	\$139,000	\$2,375,322	\$3,495,322
<b>Operating Impacts:</b>	Prior	2017	2018	2019	2020	2021	Future		Total
Personnel									\$0
Operating									\$0
Capital									\$0
Offsets									\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



# Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Management of Pumping, Storage & Transfer Assets (910161-48688)

**Project Code:** proj216

**Project Priority:** Priority 2

**Project Type:** Not Set

**Start Date (FYE):** 2012

**Department:** 2011

**Status:** Active

**Completion Date (FYE):** 2035

**Description:**

This "Capital Sub-Program" provides funding to manage water system assets that are integral to the City of Harrisonburg water system. These specific assets are operated and maintained under the organization and budget division for pumping and storage functions (322061)

Current Asset Replacement Value = \$20,251,545  
Current Depreciated Asset Value = \$11,782,582

**Justifications:**

- Mandated
- x-Remove hazards
- x-Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- x-Other

**Explanation:**

Existing system assets will be retired, upgraded or added through planned management of components (pumps, tanks, control valves, and instrumentation). Parameters and strategies include useful life projections, condition assessments and life cycle analysis of assets. This subprogram makes resources available to allow the Department of Public Utilities to remain current with new technology and products and to also preplan the retirement of assets in the optimum stage in their life cycle.

**Asset Replace Methodology:**

- Level 1: Retirement date established by Age only
- Level 2: Retirement date established by Age and Qualitative Condition Assessment
- Level 3: Retirement date established by Age and Qualitative Condition Assessment

**Special Appropriations:**

This Plan assumes that a \$3,500,000 BOND was issued in 2016 for a New Park View Tank & Pump Station

**Projected Yearly Asset Expenses:**

Asset replacement funding is generally based on Level 2 condition assessment, cash funding is projected over the next 20 years, @ \$300,000/year. Exception is Level 3 condition assessments through a formal tank maintenance plan driven by evaluations from professional inspectors. Annual cost of inspections is included at \$25,000/yr.

**Project Expenses:**

- 2017: \$434,000 for Rehabilitation and Painting of Ridgeville Tank & Repair and upgrades to WST, JMU Tank & RWT and tank inspections.
- 2018: Tank Inspections
- 2019: Tank Inspections
- 2020: Anticipate \$58,466 for Life Cycle Asset Replacements (old Park View Pumps) and tank inspections
- 2021: Tank Inspections

**Goals/Objectives/  
Strategies:**

- S 11.1.1
- S 11.1.2

**Alternative:**

Reactive approach; Schedule can be altered with acceptance risk.

<b>Expenditures:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction	\$4,153,662	\$459,000	\$25,000	\$25,000	\$83,466	\$25,000	\$5,405,942	\$10,177,070
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$4,153,662</b>	<b>\$459,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$83,466</b>	<b>\$25,000</b>	<b>\$5,405,942</b>	<b>\$10,177,070</b>

<b>Funding Sources:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue								\$0
Enterprise Revenue	\$5,037,470	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$3,389,600	\$10,177,070
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$5,037,470</b>	<b>\$350,000</b>	<b>\$350,000</b>	<b>\$350,000</b>	<b>\$350,000</b>	<b>\$350,000</b>	<b>\$3,389,600</b>	<b>\$10,177,070</b>



**Operating Impacts:**

	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0





Planning									\$0
Land									\$0
Construction	\$281,184	\$755,184	\$755,184	\$755,184	\$755,184	\$755,184	\$2,516,268		\$6,573,372
Equipment									\$0
Other Expenses									\$0
<b>Total</b>	<b>\$281,184</b>	<b>\$755,184</b>	<b>\$755,184</b>	<b>\$755,184</b>	<b>\$755,184</b>	<b>\$755,184</b>	<b>\$2,516,268</b>		<b>\$6,573,372</b>

**Funding Sources:**

	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue								\$0
Enterprise Revenue	\$454,392	\$755,184	\$755,184	\$755,184	\$755,184	\$755,184	\$2,343,060	\$6,573,372
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$454,392</b>	<b>\$755,184</b>	<b>\$755,184</b>	<b>\$755,184</b>	<b>\$755,184</b>	<b>\$755,184</b>	<b>\$2,343,060</b>	<b>\$6,573,372</b>

**Operating Impacts:**

	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							





Total	\$142,863	\$135,000	\$135,000	\$135,000	\$135,000	\$135,000	\$433,576	\$1,251,439
Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Management of Metering System (910161 48734)

**Project Code:** proj217

**Project Priority:** Priority 2

**Department:** 2011

**Project Type:** Not Set

**Status:** Active

**Start Date (FYE):** 2013

**Completion Date (FYE):** 2037

**Description:**

CIP format is by asset management with purpose to replace meters before their condition incurs significant reduction to revenue. Acceptable accuracy is defined by AWWA and Cost to Benefit Analysis Replacement Strategy is to advance from Level 1 to Level 3 through progressive improvement as follows:  
 Level 1: Replacement of meters by age;  
 Level 2: Replacement of meters by industry standard benchmarks for pass through consumption;  
 Level 3: Replacement of meters by Harrisonburg system specific benchmarks for pass through consumption  
 Current Asset Replacement Value: \$2,610,200  
 Current Asset Value After Depreciation: \$1,717,679

**Justifications:**

Mandated  
 Remove hazards  
 x-Maintains service  
 x-Increase efficiency  
 x-Increase revenues  
 x-Improves service  
 New service  
 Convenience  
 Other

**Explanation:**

CIP small meter replacement schedule is generated at Level 2 assessment. Since population of small meters does not allow for individual testing, meters are replaced at industry standard benchmarks: 5/8" meters @ 3 million gallons; 1" meters @ 6 million gallons, and 1.5" Meters @ 14 million gallons.  
 The current replacement schedule (Project #450) level funding is \$29,400/yr per 20 years.  
  
 Large meters (Project #451) are tested for accuracy (Level 3 criteria) in the field by predetermined schedule and then replaced accordingly. Past repair practices have been abandoned post 2015 as spare parts are no longer available; practice moved to full meter replacements. Estimated at \$38,600/year over 20 years.  
  
 Fix net radio read system (Project #456) Pilot program 300 meters was extended through May 20, 2015 (no charge). Feasibility to move forward is still being evaluated; however, early indications show there is inadequate payback for the service added. Future implementation and cost is yet to be determined.

**Goals/Objectives/  
Strategies:**

S 11.1.2

**Alternative:**

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction								\$0
Equipment	\$159,393	\$68,000	\$68,000	\$68,000	\$68,000	\$68,000	\$1,020,120	\$1,519,513
Other Expenses								\$0
<b>Total</b>	<b>\$159,393</b>	<b>\$68,000</b>	<b>\$68,000</b>	<b>\$68,000</b>	<b>\$68,000</b>	<b>\$68,000</b>	<b>\$1,020,120</b>	<b>\$1,519,513</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue								\$0
Enterprise Revenue	\$159,393	\$68,000	\$68,000	\$68,000	\$68,000	\$68,000	\$1,020,120	\$1,519,513
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$159,393</b>	<b>\$68,000</b>	<b>\$68,000</b>	<b>\$68,000</b>	<b>\$68,000</b>	<b>\$68,000</b>	<b>\$1,020,120</b>	<b>\$1,519,513</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets	\$0	\$6,800	\$6,800	\$6,800	\$6,800	\$6,800	\$102,012	\$136,012
<b>Total</b>	<b>\$0</b>	<b>\$6,800</b>	<b>\$6,800</b>	<b>\$6,800</b>	<b>\$6,800</b>	<b>\$6,800</b>	<b>\$102,012</b>	<b>\$136,012</b>



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Management of Collection & Transmission Assets (911161 48735)

**Project Code:** sew211

**Project Priority:** Priority 2

**Department:** 2012

**Project Type:** Not Set

**Status:** Active

**Start Date (FYE):** 2013

**Completion Date (FYE):** 2036

**Description:**

This "Capital Sub-Program" provides funding to manage assets that are integral to the City of Harrisonburg sanitary sewer system. These specific assets are operated and maintained under the organization and budget division for collection & transmission functions (432061). Existing systems will be upgraded, enhanced, expanded, and revitalized through planned management of component assets as mains and manholes. Parameters and strategies include useful life projections, condition assessments, and life cycle analyses of assets. This subprogram makes resources available to allow the Department of Public Utilities to maintain current with new technology, new products and to also preplan the retirement of assets at the optimum replacement stage in their lifecycle.

**Asset Replacement Methodology:**

Level 1: retirement date established by age only

Level 2: retirement date established by age, qualitative condition and RDII analysis

Level 3: retirement date established by age, quantitative condition assessment, risk analysis and availability of funds.

Current Asset Replacement Value= \$84,669,935 (includes interceptors) at ENR=10,037

Current After Depreciation Value= \$64,495,553 (includes interceptors) at ENR=10,037

**Justifications:**

- Mandated
- x-Remove hazards
- x-Maintains service
- Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- x-Other

**Goals/Objectives/Strategies:**

- S 11.2.1
- S 11.2.2

**Explanation:**

Capital program has been organized to meet the goals of the Harrisonburg Public Utilities (HPU) Sanitary Sewer Management Plan (SSMP) with specific reference to Asset management and I&I Abatement.

Funding as proposed will allow over the next 20 years for the retirement of \$3,431,173 in sewer assets (pipeline and manholes) by Level 1 criteria. In addition, \$150,000/year will be set aside for abatement of infiltration and inflow.

Funding requirement is \$324,000/year

**Alternative:**

Reactive Approach

<b>Expenditures:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction	\$907,309	\$323,059	\$323,059	\$323,059	\$323,059	\$323,059	\$4,845,880	\$7,368,484
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$907,309</b>	<b>\$323,059</b>	<b>\$323,059</b>	<b>\$323,059</b>	<b>\$323,059</b>	<b>\$323,059</b>	<b>\$4,845,880</b>	<b>\$7,368,484</b>

<b>Funding Sources:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue								\$0
Enterprise Revenue	\$907,309	\$324,000	\$324,000	\$324,000	\$324,000	\$324,000	\$4,841,175	\$7,368,484
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$907,309</b>	<b>\$324,000</b>	<b>\$324,000</b>	<b>\$324,000</b>	<b>\$324,000</b>	<b>\$324,000</b>	<b>\$4,841,175</b>	<b>\$7,368,484</b>

<b>Operating Impacts:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Management of Transfer & Monitoring Assets (911161 48736)

**Project Code:** sew212

**Project Priority:** Priority 2

**Department:** 2012

**Project Type:** Not Set

**Status:** Active

**Start Date (FYE):** 2013

**Completion Date (FYE):** 2036

**Description:**

This "Capital Sub-Program" provides funding to manage assets that are integral to the City of Harrisonburg Sanitary Sewer System. These specific assets are operated and maintained under the organization and budget division for transfer functions (462061). Existing systems will be upgraded, enhanced, expanded, and revitalized through planned management of component assets as pumps and instrumentation. Parameters and strategies include useful life projections, condition assessments, and life cycle analyses of assets. This subprogram makes resources available to allow the Department of Public Utilities to maintain current with new technology and new products and to also preplan the retirement of assets at the optimum replacement stage in their lifecycle.

**Asset Replacement Methodology**

Level 1: Retirement date established by Age only

Level 2: Retirement date established Age and Qualitative Condition Assessment

Level 3: Retirement date established by Age and Quantitative Condition Assessment

- Current Replacement Value = \$1,593,383 @ ENR=10,037
- Current Value After Depreciation = \$1,362,927 @ ENR=10,037

**Justifications:**

- Mandated
- x-Remove hazards
- x-Maintains service
- x-Increase efficiency
- Increase revenues
- Improves service
- New service
- Convenience
- x-Other

**Goals/Objectives/  
Strategies:**

S 11.2.1

**Explanation:**

2020: \$8,250 Fairview Pump Replacement - TBD  
Anticipate replacing assets based on a Life Cycle Analysis with Condition Assessment at Level 2 accuracy; \$64,000/yr over next twenty years.

**Alternative:**

Reactive Approach

<b>Expenditures:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction	\$104,365	\$0	\$0	\$0	\$8,250	\$0	\$873,163	\$985,778
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$104,365</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,250</b>	<b>\$0</b>	<b>\$873,163</b>	<b>\$985,778</b>

<b>Funding Sources:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue								\$0
Enterprise Revenue	\$396,922	\$64,000	\$64,000	\$64,000	\$64,000	\$64,000	\$268,856	\$985,778
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$396,922</b>	<b>\$64,000</b>	<b>\$64,000</b>	<b>\$64,000</b>	<b>\$64,000</b>	<b>\$64,000</b>	<b>\$268,856</b>	<b>\$985,778</b>

<b>Operating Impacts:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** BLACKS RUN INTERCEPTOR UPGRADE PROG (911161-48641)

**Project Code:** sew203

**Project Priority:** Priority 2

**Department:** 2012

**Project Type:** REPLACEMENT

**Status:** Active

**Start Date (FYE):** 1991

**Completion Date (FYE):** 2056

**Description:**

Continued commitment to upgrade infrastructure of the City sanitary sewer collection system following recommendations from the Interceptor Sewer Evaluation Study for the City of Harrisonburg, VA by Wiley & Wilson 1989 & City SSMP. Allows for continued growth by expanding interceptor pipe capacity, helps reduce infiltration/inflow by pipe upgrade and reduces maintenance by pipe upgrade.

**Justifications:**

- Mandated
- x-Remove hazards
- x-Maintains service
- Increase efficiency
- x-Increase revenues
- x-Improves service
- x-New service
- Convenience
- Other

**Explanation:**

FY 2017-2019 - Country Club Road \$900,000 @ \$300/ft  
 FY 2020-2021 - Wolfe to Water \$600,000 @ \$300/ft

Total remaining project cost per Wiley & Wilson in 2017 dollars = \$8.4M including FY2017-2021 projects.

Funding is at \$200,000/yr through FY2056 with \$500,000 balance from CIP fund added equally over FY2017-2021 @ \$100,000/yr

Study is to be repeated in FY2016 per SSMP

**Goals/Objectives/  
Strategies:**

- S 11.2.1
- S 11.2.2
- S 11.2.3

**Alternative:**

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction	\$4,601,591	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$6,900,000	\$13,001,591
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$4,601,591</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$6,900,000</b>	<b>\$13,001,591</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue								\$0
Enterprise Revenue	\$5,105,200	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$6,896,391	\$13,001,591
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$5,105,200</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$6,896,391</b>	<b>\$13,001,591</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** SCHOOL BUSES

**Project Code:** trans2

**Project Priority:** Priority 2

**Department:** 822081

**Project Type:** ADDITION & REPLACEMENT

**Status:** Active

**Start Date (FYE):** ONGOING

**Completion Date (FYE):** ONGOING

**Description:**

School buses are recommended to be replaced 10-12 years (150,000 miles)  
At this time it is anticipated we will need 6 buses to serve the new elementary school which is to open in the fall of 2017  
FY 18 18 buses 2005 AND OLDER

**Justifications:**

Mandated  
Remove hazards  
x-Maintains service  
x-Increase efficiency  
Increase revenues  
x-Improves service  
New service  
Convenience  
Other

**Explanation:**

Federal & State EPA guidelines are becoming stronger to replace buses in 10 to 12 years.

**Alternative:**

Try to get by with what we have. Operating costs will continue to rise.

**Goals/Objectives/  
Strategies:**

O 10.2  
S 10.4.3

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction								\$0
Equipment	\$400,000	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000		\$4,400,000
Other Expenses								\$0
<b>Total</b>	<b>\$400,000</b>	<b>\$800,000</b>	<b>\$800,000</b>	<b>\$800,000</b>	<b>\$800,000</b>	<b>\$800,000</b>	<b>\$0</b>	<b>\$4,400,000</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue								\$0
Enterprise Revenue	\$400,000	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000		\$4,400,000
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$400,000</b>	<b>\$800,000</b>	<b>\$800,000</b>	<b>\$800,000</b>	<b>\$800,000</b>	<b>\$800,000</b>	<b>\$0</b>	<b>\$4,400,000</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel			\$180,000					\$180,000
Operating			\$150,000					\$150,000
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$330,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$330,000</b>



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** TRANSIT BUSES

**Project Code:** trans1

**Project Priority:** Priority 2

**Department:** 812081

**Project Type:** ADDITION & REPLACEMENT

**Status:** Active

**Start Date (FYE):** ONGOING

**Completion Date (FYE):** ONGOING

**Description:**

FY 2017 Replace 8 transit buses and 2 para transit expansion  
 Grants are for FY 16 & 17  
 FY 2018 1 para transit replacement  
 FY 2019 7 Transit Replacements, 2 para transit replacements  
 FY 2020 Replace 8 transit buses and 2 para transits  
 FY 2021 4 para transits

**Justifications:**

Mandated  
 Remove hazards  
 x-Maintains service  
 x-Increase efficiency  
 Increase revenues  
 x-Improves service  
 New service  
 Convenience  
 Other

**Explanation:**

Para transit buses to be replaced have life of 7 years or 125,000 miles.  
 Transit buses to be replaced have life of 12 years or 500,000 miles.

**Alternative:**

Cut service. Try to keep old buses running, maintenance cost will continue to rise. Level of service will drop and number of road calls will continue to rise.

**Goals/Objectives/  
Strategies:**

O 10.2  
 S 10.2.3  
 S 10.2.4  
 S 10.2.6  
 S 10.2.12

<b>Expenditures:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction								\$0
Equipment		\$3,360,000	\$65,000	\$3,140,000	\$3,510,000	\$280,000		\$10,355,000
Other Expenses								\$0
<b>Total</b>	\$0	\$3,360,000	\$65,000	\$3,140,000	\$3,510,000	\$280,000	\$0	\$10,355,000

<b>Funding Sources:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue								\$0
Enterprise Revenue		\$336,000	\$6,500	\$314,000	\$351,000	\$28,000		\$1,035,500
Bond Proceeds								\$0
Grants		\$3,024,000	\$58,500	\$2,826,000	\$3,159,000	\$252,000		\$9,319,500
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$3,360,000	\$65,000	\$3,140,000	\$3,510,000	\$280,000	\$0	\$10,355,000

<b>Operating Impacts:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating		\$50,000						\$50,000
Capital								\$0
Offsets		(\$20,000)						(\$20,000)
<b>Total</b>	\$0	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Solid Waste Transfer Station

**Project Code:** PWSMB01

**Project Priority:** Priority 1

**Department:** 910142

**Project Type:** CONSTRUCTION

**Status:** Active

**Start Date (FYE):** 2016

**Completion Date (FYE):** 2017

**Description:**

Construct a new 15,000 SF Solid Waste Transfer station for the transfer of the City's collected solid waste. The tranfered waste will be transportated to an off-site processing center for recyling and disposal. The new facility will include a trash bailer in order to increase hauling efficiency, and for cleanliness of operation. New facility will be located at the existing recycling center on Beery Road. Facility must be designed, permitted and constructed by June 30, 2017 due to existing transfer facility will no longer be available to the City for its use.

**Justifications:**

- x-Mandated
- Remove hazards
- Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Explanation:**

With the closure of the City's Resource Recovery Facility it was decided that the most appropriate solution to the City's solid waste disposal was to transfer it to a recycling/disposal facility located in Troy Va. The City is able to utilize the existing RRF tipping floor as a transfer station until June 30, 2017, at which point the lease that the City has on the tipping floor will expire and a permanent location will be needed.

**Goals/Objectives/  
Strategies:**

G 1

**Alternative:**

Return the collection operations to the standard waste / recycling collection and dispose of all solid waste at the Rockingham County Landfill.

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning	\$34,000	\$500,000						\$534,000
Land								\$0
Construction		\$2,500,000						\$2,500,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$34,000</b>	<b>\$3,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,034,000</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue								\$0
Enterprise Revenue	\$34,000	\$3,000,000						\$3,034,000
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$34,000</b>	<b>\$3,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,034,000</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** CITY LANDFILL CLOSURE & MONITORING 910142-48681

**Project Code:** PWSLCBG

**Project Priority:** Priority 1

**Project Type:** ADDITION

**Start Date (FYE):** 2010

**Department:** 922041

**Status:** Active

**Completion Date (FYE):** beyond

**Description:**

Cost of closing, maintenance and monitoring of landfill per DEQ regulations.

- (A) Annual monitoring/testing and engineering costs. Gas and groundwater
- (B) Groundwater infrastructure
- (C) New Clay Cover Cap, Topsoil and Reseed.

**Justifications:**

- x-Mandated
- Remove hazards
- Maintains service
- Increase efficiency
- Increase revenues
- Improves service
- New service
- Convenience
- Other

**Explanation:**

DEQ regulations require program for closing existing landfill and monitoring groundwater and gas generation for 30 year period. Program starting in 1998-1999

**Alternative:**

**Goals/Objectives/  
Strategies:**

- O 11.5
- S 11.5.4
- S 11.5.5

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning		\$85,000	\$90,000	\$95,000	\$100,000	\$105,000		\$475,000
Land								\$0
Construction	\$60,000							\$60,000
Equipment								\$0
Other Expenses							\$1,403,600	\$1,403,600
<b>Total</b>	<b>\$60,000</b>	<b>\$85,000</b>	<b>\$90,000</b>	<b>\$95,000</b>	<b>\$100,000</b>	<b>\$105,000</b>	<b>\$1,403,600</b>	<b>\$1,938,600</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue								\$0
Enterprise Revenue	\$60,000	\$85,000	\$90,000	\$95,000	\$100,000	\$105,000	\$1,403,600	\$1,938,600
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$60,000</b>	<b>\$85,000</b>	<b>\$90,000</b>	<b>\$95,000</b>	<b>\$100,000</b>	<b>\$105,000</b>	<b>\$1,403,600</b>	<b>\$1,938,600</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** TRANSFER TRUCK SOLID WASTE

**Project Code:** PWSSPE1

**Project Priority:** Priority 2

**Project Type:** REPLACEMENT

**Start Date (FYE):** 2017

**Department:** 922041

**Status:** Active

**Completion Date (FYE):** beyond

**Description:**

Transfer truck for hauling to county landfill, solid waste/recyclables to process center.

393 00 Int 2017  
391 08 Mack 2019  
4 rolloff containers 2017  
2 Walking floor trailers 2018  
2 Walking floor trailers 2019

**Justifications:**

Mandated  
x-Remove hazards  
x-Maintains service  
x-Increase efficiency  
Increase revenues  
Improves service  
New service  
Convenience  
Other

**Explanation:**

Transport trucks for solid waste. Backup to contract haulers.

**Alternative:**

Private haulers are used for primary transfer haul to processing center.

**Goals/Objectives/  
Strategies:**

O 11.5  
S 11.5.4  
S 11.5.5

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction								\$0
Equipment		\$200,000	\$120,000	\$280,000			\$300,000	\$900,000
Other Expenses								\$0
<b>Total</b>	\$0	\$200,000	\$120,000	\$280,000	\$0	\$0	\$300,000	\$900,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue								\$0
Enterprise Revenue		\$200,000	\$120,000	\$280,000			\$300,000	\$900,000
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$200,000	\$120,000	\$280,000	\$0	\$0	\$300,000	\$900,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** REFUSE COLLECTION TRUCK REPLACEMENT

**Project Code:** PWSSWE1

**Project Priority:** Priority 3

**Project Type:** NEW

**Start Date (FYE):** 2016

**Department:** 922041

**Status:** Active

**Completion Date (FYE):** 2020

**Description:**

Replacement program for refuse collection trucks  
 304 - 2011 International 2016  
 303 - 2011 International 2017  
 306 - 2013 Kenworth 2019  
 312 - 2013 Kenworth 2019  
 308 - 2014 Kenworth 2020  
 310 - 2014 Kenworth 2020  
 307 - 2014 Kenworth 2020

**Justifications:**

Mandated  
 Remove hazards  
 x-Maintains service  
 x-Increase efficiency  
 Increase revenues  
 Improves service  
 New service  
 Convenience  
 Other

**Explanation:**

Replacement units to avoid high cost of rebuilding packer units and transmissions. Expected life of unit 5 - 8 yrs.  
  
 Additional trucks needed for refuse and cardboard recycling collection due to city population growth and increased recycling participation due to ordinance enforcement 07-08.

**Goals/Objectives/  
Strategies:**

O 11.5

**Alternative:**

Privatize

<b>Expenditures:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction								\$0
Equipment	\$175,000	\$175,000		\$400,000	\$600,000			\$1,350,000
Other Expenses								\$0
<b>Total</b>	<b>\$175,000</b>	<b>\$175,000</b>	<b>\$0</b>	<b>\$400,000</b>	<b>\$600,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,350,000</b>

<b>Funding Sources:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue								\$0
Enterprise Revenue	\$175,000	\$175,000		\$400,000	\$600,000			\$1,350,000
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$175,000</b>	<b>\$175,000</b>	<b>\$0</b>	<b>\$400,000</b>	<b>\$600,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,350,000</b>

<b>Operating Impacts:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** RECYCLING TRUCK REPLACEMENT

**Project Code:** PWSRCE1

**Project Priority:** Priority 3

**Project Type:** REPLACEMENT

**Start Date (FYE):** 2017

**Department:** 962041

**Status:** Active

**Completion Date (FYE):** beyond

**Description:**

Replacement schedule for recycling collection vehicles for commercial customer recycling.  
 326 08 GMC 2017  
 325 04 GMC 2019  
 317 08 GMC 2021  
 319 08 GMC 2022

**Justifications:**

Mandated  
 x-Remove hazards  
 x-Maintains service  
 x-Increase efficiency  
 Increase revenues  
 Improves service  
 New service  
 Convenience  
 Other

**Explanation:**

Replacement to avoid high cost of repairs and ensure continued service.

**Alternative:**

Stop recycling service  
 Develop new solid waste management plan along with Materials Recovery Facility.  
 Privatize

**Goals/Objectives/  
Strategies:**

O 11.5  
 S 11.5.1  
 S 11.5.3

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning								\$0
Land								\$0
Construction								\$0
Equipment		\$65,000		\$65,000		\$70,000	\$70,000	\$270,000
Other Expenses								\$0
<b>Total</b>	<b>\$0</b>	<b>\$65,000</b>	<b>\$0</b>	<b>\$65,000</b>	<b>\$0</b>	<b>\$70,000</b>	<b>\$70,000</b>	<b>\$270,000</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue								\$0
Enterprise Revenue		\$65,000		\$65,000		\$70,000	\$70,000	\$270,000
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$0</b>	<b>\$65,000</b>	<b>\$0</b>	<b>\$65,000</b>	<b>\$0</b>	<b>\$70,000</b>	<b>\$70,000</b>	<b>\$270,000</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



# Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Drainage and Stormwater Program (MS4 VPDES Permit)

**Project Code:** PWSWPL01

**Project Priority:** Priority 1

**Project Type:** IMPROVEMENT

**Start Date (FYE):** 2017

**Department:** 910541

**Status:** Active

**Completion Date (FYE):** 2021

**Description:**

US EPA and VA DCR requirements for the City to meet National and Virginia Pollutant Discharge Elimination System requirements for stormwater discharges from the regulated municipal separate storm sewer system to surface waters of the Commonwealth of Virginia. New permit and new conditions became effective July 1, 2013. Funds will also be used to partner with private development for increase pollutant removal associated with any new or redeveloped properties

**Justifications:**

- x-Mandated
- x-Remove hazards
- x-Maintains service
- Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Explanation:**

To assist in meeting city MS4 permit requirements for education and outreach, illicit discharge detection and elimination, inspection of stormwater management facilities, good housekeeping and employee training, and special conditions for pollutant reductions in accordance with the Cheapeake Bay TMDL and non-Bay TMDLs.

**Alternative:**

None.

**Goals/Objectives/  
Strategies:**

- G 8
- O 8.2
- S 8.2.1
- O 8.4
- S 8.4.8
- G 9
- O 9.2
- S 9.2.1
- G 10
- O 10.1
- S 10.1.9
- G 11
- O 11.3
- S 11.3.7
- S 11.3.9
- S 11.3.11

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning		\$35,000	\$35,000	\$35,000	\$35,000	\$35,000		\$175,000
Land								\$0
Construction		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000		\$500,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$0</b>	<b>\$135,000</b>	<b>\$135,000</b>	<b>\$135,000</b>	<b>\$135,000</b>	<b>\$135,000</b>	<b>\$0</b>	<b>\$675,000</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue								\$0
Enterprise Revenue		\$135,000	\$135,000	\$135,000	\$135,000	\$135,000		\$675,000
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$0</b>	<b>\$135,000</b>	<b>\$135,000</b>	<b>\$135,000</b>	<b>\$135,000</b>	<b>\$135,000</b>	<b>\$0</b>	<b>\$675,000</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



**Capital Improvement Program  
FY2017 thru FY2021  
Project Request Form**

**Project Title:** Stormwater Improvement Plan

**Project Code:** PWSWPL02

**Project Priority:** Priority 2

**Project Type:** NEW

**Start Date (FYE):** 2017

**Department:** 910541

**Status:** Active

**Completion Date (FYE):** 2019

**Description:**

Development of comprehensive stormwater improvement plan that identifies drainage areas within the City, major outfalls for those drainage areas, preliminary improvement projects to correct drainage issues, and provide planning for TMDL pollutant reductions.

**Justifications:**

- Mandated
- x-Remove hazards
- Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Explanation:**

**Alternative:**

None.

**Goals/Objectives/  
Strategies:**

- G 8
- O 8.2
- S 8.2.1
- G 9
- O 9.2
- S 9.2.1
- S 9.2.4
- G 10
- O 10.1
- S 10.1.9
- G 11
- O 11.3
- S 11.3.7
- S 11.3.9

<b>Expenditures:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Planning		\$100,000	\$100,000	\$50,000				\$250,000
Land								\$0
Construction								\$0
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$250,000</b>

<b>Funding Sources:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue								\$0
Enterprise Revenue		\$100,000	\$100,000	\$50,000				\$250,000
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$250,000</b>

<b>Operating Impacts:</b>	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Waterman Drive Storm Drain Improvements

**Project Code:** PWSWPR01

**Project Priority:** Priority 2

**Project Type:** IMPROVEMENT

**Start Date (FYE):** 2019

**Department:** 910541

**Status:** Active

**Completion Date (FYE):** 2021

**Description:**

Improve storm drain system to reduce flooding of Waterman Drive and adjoining businesses. Also, to provide an outlet for stormwater from South Park View area. Coordinate project with Chicago Avenue Stree improvements PWSTP06A

**Justifications:**

- Mandated
- x-Remove hazards
- Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Explanation:**

Improvements to this storm drain are needed to help alleviate current flood issues in the Park View area.

**Alternative:**

None.

**Goals/Objectives/  
Strategies:**

- G 10
- O 10.1
- S 10.1.9

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning				\$260,000				\$260,000
Land					\$750,000			\$750,000
Construction						\$2,600,000		\$2,600,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	\$0	\$0	\$0	\$260,000	\$750,000	\$2,600,000	\$0	\$3,610,000

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue								\$0
Enterprise Revenue				\$260,000	\$750,000	\$2,600,000		\$3,610,000
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	\$0	\$0	\$0	\$260,000	\$750,000	\$2,600,000	\$0	\$3,610,000

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Downtown Bioretention and Bump-Outs

**Project Code:** PWSWPR04

**Project Priority:** Priority 2

**Project Type:** ADDITION

**Start Date (FYE):** 2017

**Department:** 910541

**Status:** Active

**Completion Date (FYE):** 2018

**Description:**

Install bioretention stormwater management areas within new intersection bumpouts throughout the downtown area. After FY18 the MS4 permit regulations are modified and additional funding or revisions to this program may be needed. The downtown area being considered for these measures is the area from MLK Jr. Way to Gay and from Mason to Liberty.

**Justifications:**

- Mandated
- x-Remove hazards
- Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Explanation:**

There are various locations throughout the downtown area that have been identified for possible curb bumpouts to ease pedestrian movements and increase safety. With the construction of those areas it is beneficial to install small bioretention areas within those bumpouts to assist the City with meeting its MS4 permit regulations for TMDL reductions.

**Alternative:**

Install bumpouts without bioretention area, and find additional areas within the City to assist in meeting the TMDL reductions.

**Goals/Objectives/  
Strategies:**

- G 8
- O 8.2
- S 8.2.1
- G 10
- O 10.1
- S 10.1.9
- O 10.7
- S 10.7.2
- G 11
- O 11.3
- S 11.3.7
- S 11.3.9

Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning		\$25,000	\$25,000					\$50,000
Land								\$0
Construction		\$115,000	\$115,000					\$230,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$0</b>	<b>\$140,000</b>	<b>\$140,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$280,000</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue								\$0
Enterprise Revenue		\$140,000	\$140,000					\$280,000
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$0</b>	<b>\$140,000</b>	<b>\$140,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$280,000</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							



## Capital Improvement Program FY2017 thru FY2021 Project Request Form

**Project Title:** Lucy Simms / Ralph Sampson Park Stormwater Improvement Projects

**Project Code:** PWSWPR05

**Project Priority:** Priority 2

**Project Type:** ADDITION

**Start Date (FYE):** 2017

**Department:** 910541

**Status:** Active

**Completion Date (FYE):** 2017

**Description:**

Install the following stormwater retrofits on the Lucy Simms / Ralph Sampson Complex: Basin Restoration, level spreader, 2 new Bioretention Areas, and rain water harvesting system for ball field irrigation

**Justifications:**

- Mandated
- Remove hazards
- Maintains service
- x-Increase efficiency
- Increase revenues
- x-Improves service
- New service
- Convenience
- Other

**Explanation:**

Improvements were outlined in the CWP retrofit study as very effective projects to help the City meet its MS4 TMDL reductions. Factors in this rating were drainage area, ownership of property, and benefit of each individual measure.

**Alternative:**

None.

**Goals/Objectives/  
Strategies:**

- G 8
- O 8.2
- S 8.2.1
- G 9
- O 9.2
- S 9.2.1
- S 9.2.4
- G 10
- O 10.1
- S 10.1.9
- G 11
- O 11.3
- S 11.3.7
- S 11.3.9

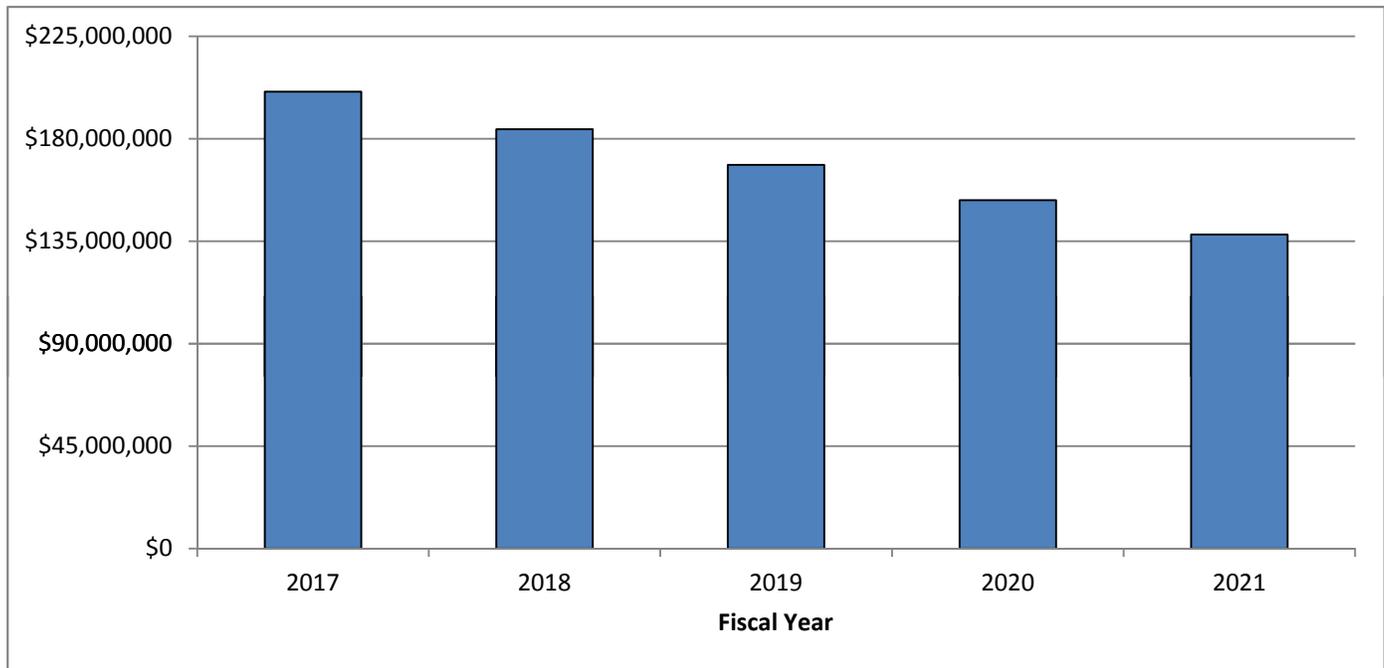
Expenditures:	Prior	2017	2018	2019	2020	2021	Future	Total
Planning		\$34,000						\$34,000
Land								\$0
Construction		\$166,000						\$166,000
Equipment								\$0
Other Expenses								\$0
<b>Total</b>	<b>\$0</b>	<b>\$200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$200,000</b>

Funding Sources:	Prior	2017	2018	2019	2020	2021	Future	Total
General Revenue								\$0
Enterprise Revenue		\$200,000						\$200,000
Bond Proceeds								\$0
Grants								\$0
Capital Project Fund								\$0
Other Revenue								\$0
<b>Total</b>	<b>\$0</b>	<b>\$200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$200,000</b>

Operating Impacts:	Prior	2017	2018	2019	2020	2021	Future	Total
Personnel								\$0
Operating								\$0
Capital								\$0
Offsets								\$0
<b>Total</b>	<b>\$0</b>							

**CITY OF HARRISONBURG, VIRGINIA  
 EXISTING DEBT (PRINCIPAL AND INTEREST)  
 NEXT FIVE FISCAL YEARS**

<b>Beginning of Fiscal Year</b>	<b>Principal</b>	<b>Interest</b>	<b>Total Debt Service</b>
2017	156,023,639	44,580,864	200,604,503
2018	145,335,933	38,831,067	184,167,000
2019	135,053,067	33,470,292	168,523,359
2020	124,372,200	28,528,549	152,900,749
2021	113,920,333	24,015,639	137,935,972



\*All outstanding debt as February 29, 2016.

City of Harrisonburg, Virginia  
General Fund  
Schedule of Cash/Funds Available for Capital Outlays and Capital Projects  
For the Ten Year Period July 1, 2011 Through June 30, 2021

	Fiscal Years									
	Actual 2012	Actual 2013	Actual 2014	Actual 2015	Budgeted 2016	Estimated 2017	Estimated 2018	Estimated 2019	Estimated 2020	Estimated 2021
Amount from fund balance	2,535,018	7,039,135	5,324,108	10,198,989	748,372	-	-	-	-	-
Revenues:										
General property taxes	32,225,836	33,856,806	33,508,296	37,681,028	39,775,900	39,904,459	40,375,336	40,878,288	41,680,872	42,795,776
Other local taxes	32,347,592	34,218,779	35,669,089	37,968,995	38,891,857	40,977,883	42,133,708	43,185,788	44,405,632	45,518,080
License permits and privilege fees	497,936	536,966	455,595	507,263	455,270	462,597	470,116	477,837	484,858	492,016
Fines and forfeitures	462,741	565,287	746,430	538,218	565,000	565,000	575,500	586,210	597,134	608,277
Use of money and property	151,961	174,626	152,187	171,576	175,000	130,000	131,300	133,726	137,334	142,215
Charges for services	5,643,072	6,869,489	7,435,262	1,447,066	1,412,900	1,439,036	1,467,572	1,496,745	1,526,571	1,556,513
Miscellaneous revenues	5,823,510	5,308,050	5,565,495	5,149,815	5,330,500	5,334,652	5,336,232	5,337,836	5,340,203	5,342,617
Recovered costs	1,079,371	901,759	1,037,660	857,212	999,927	938,220	939,237	941,897	942,600	952,473
State revenue	9,131,057	9,284,997	9,857,031	10,152,578	9,686,301	9,864,994	9,986,263	10,109,829	10,235,739	10,364,039
Federal revenue	229,463	226,393	228,215	241,982	-	132,500	-	-	-	-
Non-revenue receipts	16,835	153,743	312,591	213,013	35,000	35,000	35,000	35,000	35,000	35,000
Debt proceeds	22,042,219	-	48,285,771	-	-	-	-	-	-	-
Transfers - Operating	1,561,706	1,658,472	1,726,416	1,777,920	1,846,800	1,883,736	1,921,411	1,959,839	1,999,036	2,039,016
Transfers - Other	2,852,047	-	-	-	-	-	-	-	-	-
Total revenue excluding fund balance	114,065,344	93,755,367	145,040,037	96,706,668	99,174,455	101,668,076	103,371,674	105,142,995	107,384,978	109,846,021
Expenditures:										
General government	3,966,216	4,150,409	4,544,707	4,634,385	4,938,947	5,069,178	5,207,144	5,348,896	5,494,538	5,644,180
Public safety	16,031,535	16,854,287	18,548,871	20,081,863	21,472,270	22,001,258	22,603,340	23,222,036	23,857,807	24,511,129
Public works	10,725,387	11,637,316	13,311,181	10,330,104	9,929,657	10,210,636	10,499,622	10,796,844	11,102,538	11,416,948
Health and welfare	764,986	794,301	880,991	985,078	1,195,566	1,231,433	1,268,376	1,306,427	1,345,620	1,385,989
Parks and recreation	4,882,452	4,724,400	4,705,090	4,817,765	5,101,181	5,241,495	5,385,700	5,533,906	5,686,224	5,842,768
Community development	2,915,952	2,975,639	3,006,932	3,019,487	3,356,727	3,453,345	3,552,760	3,655,053	3,760,307	3,868,609
Joint operations	6,120,536	6,243,855	6,688,284	7,589,337	7,282,798	7,501,282	7,726,320	7,958,110	8,196,853	8,442,759
Reserve for contingencies	-	-	-	-	218,190	-	-	-	-	-
Bond refunding issues	22,031,656	-	47,728,613	-	-	-	-	-	-	-
Debt service and fiscal charges	12,781,950	13,673,411	12,660,020	12,487,223	13,276,266	13,291,697	12,504,841	12,483,213	12,401,007	11,732,045
Transfers - Other than Schools	3,949,215	3,032,418	2,434,800	6,469,511	2,139,979	2,204,178	2,270,304	2,338,413	2,408,565	2,480,822
Transfers - Capital Projects	26,457	4,549,858	1,890,000	1,623,000	1,115,707	-	-	-	-	-
Transfers - Schools	25,866,436	26,318,211	27,344,636	29,636,860	29,895,539	30,792,405	31,716,177	32,667,663	33,647,693	34,657,123
Total expenditures	110,062,777	94,954,104	143,744,125	101,674,614	99,922,827	100,996,908	102,734,585	105,310,559	107,901,152	109,982,372
Capital outlay:										
General government	(303,663)	(226,065)	(559,589)	(398,194)	(296,500)	(301,224)	(310,260)	(319,568)	(329,155)	(339,030)
Public safety	(830,737)	(976,896)	(1,815,713)	(1,182,220)	(647,127)	(607,903)	(626,140)	(644,924)	(664,272)	(684,200)
Public works	(2,567,639)	(2,257,166)	(3,221,438)	(3,282,429)	(2,711,600)	(2,475,448)	(2,489,711)	(2,504,403)	(2,519,535)	(2,535,121)
Parks and recreation	(380,662)	(249,023)	(275,293)	(97,986)	(98,760)	(101,723)	(104,774)	(107,918)	(111,155)	(114,490)
Community development	(52,195)	(16,227)	(16,753)	(15,998)	(38,150)	(39,239)	(40,359)	(41,512)	(42,697)	(43,917)
Total Capital outlays	(4,134,896)	(3,725,377)	(5,888,786)	(4,976,827)	(3,792,137)	(3,525,536)	(3,571,245)	(3,618,324)	(3,666,814)	(3,716,758)
Transfers to Capital projects	(1,359,243)	(4,954,058)	(1,890,000)	(3,223,000)	(1,115,707)	-	-	-	-	-
Total cap outlays & trans to cap proj.	(5,494,139)	(8,679,435)	(7,778,786)	(8,199,827)	(4,907,844)	(3,525,536)	(3,571,245)	(3,618,324)	(3,666,814)	(3,716,758)
Exp other than cap outlays & cap pj	104,568,638	86,274,669	135,965,339	93,474,787	95,014,983	97,471,372	99,163,339	101,692,235	104,234,337	106,265,614
<b>Cash/Funds Avail for CO &amp; Cap Proj</b>	<b>9,496,706</b>	<b>7,480,699</b>	<b>9,074,698</b>	<b>3,231,880</b>	<b>4,159,472</b>	<b>4,196,704</b>	<b>4,208,335</b>	<b>3,450,760</b>	<b>3,150,641</b>	<b>3,580,407</b>

City of Harrisonburg, Virginia  
Water Fund  
Schedule of Cash/Funds Available for Capital Outlays and Capital Projects  
For the Ten Year Period July 1, 2011 Through June 30, 2021

	Fiscal Years									
	Actual 2012	Actual 2013	Actual 2014	Actual 2015	Budgeted 2016	Estimated 2017	Estimated 2018	Estimated 2019	Estimated 2020	Estimated 2021
Amount from fund balance	1,745,281	-	367,625	71,545	-	-	-	-	-	-
Revenues:										
License permits & privilege fees	133,300	199,500	243,867	259,500	200,000	200,000	200,000	200,000	200,000	200,000
Use of money and property	29,019	28,936	26,428	24,159	25,000	37,900	37,900	37,900	37,900	37,900
Charges for services	5,664,705	5,847,064	6,119,344	6,335,852	6,477,989	7,056,095	7,197,216	7,341,161	7,487,984	7,637,744
Miscellaneous	6,162	19,705	46,293	4,414	5,000	-	-	-	-	-
Recovered costs	30,341	21,609	33,411	31,585	25,000	25,000	25,000	25,000	25,000	25,000
Transfers - Depreciation, etc.	1,815,396	2,166,636	1,867,791	1,859,205	1,883,544	1,928,749	1,967,324	2,006,671	2,046,804	2,087,740
Transfers - General Fund	-	30,142	-	15,658	-	-	-	-	-	-
Premium on sale of bonds	40,982	-	-	-	-	-	-	-	-	-
Proceeds from debt	1,325,000	-	-	-	-	-	-	-	-	-
Total revenue excluding fund balance	9,044,905	8,313,592	8,337,134	8,530,374	8,616,533	9,247,744	9,427,440	9,610,731	9,797,688	9,988,384
Expenditures:										
Personal service	1,379,520	1,421,567	1,530,721	1,573,643	1,762,815	1,815,699	1,861,092	1,907,619	1,955,310	2,004,192
Fringe benefits	451,146	510,759	489,454	535,229	642,804	662,088	678,640	695,606	712,996	730,821
Purchased services	212,327	174,076	161,002	184,853	214,890	221,337	227,977	234,816	241,861	249,116
Internal services	27,876	22,713	19,331	15,007	19,000	19,570	20,157	20,762	21,385	22,026
Other charges	467,941	415,918	491,059	485,212	517,173	532,688	548,669	565,129	582,083	599,545
Materials and supplies	304,733	266,116	415,334	287,475	329,881	339,777	349,971	360,470	371,284	382,422
Depreciation	1,842,312	2,166,636	1,867,791	1,859,205	1,883,544	1,928,749	1,967,324	2,006,671	2,046,804	2,087,740
Payment in lieu of taxes	446,100	480,924	515,658	483,069	502,902	512,960	523,219	533,684	544,357	555,244
Capital outlay	160,418	115,355	127,645	86,491	85,000	87,550	90,177	92,882	95,668	98,538
Debt service and fiscal charges	750,613	764,178	779,403	784,420	780,036	1,054,865	1,057,656	1,061,215	1,058,808	1,057,560
Bond refunding issue	1,361,112	-	-	-	-	-	-	-	-	-
Transfers - Capital projects	2,193,102	177,569	700,000	617,485	815,000	-	-	-	-	-
Transfers - Other	898,420	948,638	987,691	1,016,607	1,063,488	1,095,393	1,128,254	1,162,102	1,196,965	1,232,874
Total expenditures	10,495,619	7,464,449	8,085,089	7,928,696	8,616,533	8,270,677	8,453,136	8,640,955	8,827,521	9,020,081
Capital outlays	(160,418)	(115,355)	(127,645)	(86,491)	(85,000)	(87,550)	(90,177)	(92,882)	(95,668)	(98,538)
Transfers - Capital Projects	(2,193,102)	(177,569)	(700,000)	(617,485)	(815,000)	-	-	-	-	-
<b>Cash/Funds Avail for CO &amp; Cap Proj</b>	<b>902,806</b>	<b>1,142,067</b>	<b>1,079,690</b>	<b>1,305,653</b>	<b>900,000</b>	<b>1,064,617</b>	<b>1,064,481</b>	<b>1,062,658</b>	<b>1,065,835</b>	<b>1,066,841</b>

City of Harrisonburg, Virginia  
Sewer Fund  
Schedule of Cash/Funds Available for Capital Outlays and Capital Projects  
For the Ten Year Period July 1, 2011 Through June 30, 2021

	Fiscal Years									
	Actual 2012	Actual 2013	Actual 2014	Actual 2015	Budgeted 2016	Estimated 2017	Estimated 2018	Estimated 2019	Estimated 2020	Estimated 2021
Amount from fund balance	270,839	285,626	346,871	257,166	412,367	-	-	-	-	-
Revenues:										
License permits and privilege fees	208,550	255,000	732,500	388,500	225,000	225,000	225,000	225,000	225,000	225,000
Use of money and property	6,412	7,273	4,692	4,399	4,000	4,000	7,000	7,000	7,000	7,000
Charges for services	8,480,679	8,997,296	9,641,809	9,874,734	9,770,000	10,223,400	10,427,468	10,646,025	10,858,545	11,075,316
Miscellaneous	3,485	9,051	12,900	2,550	1,000	-	-	-	-	-
Recovered costs	16,337	30,925	25,086	31,188	20,000	20,000	20,000	20,000	20,000	20,000
Transfers - Depreciation, etc.	1,421,478	1,451,256	1,397,508	1,406,250	1,408,410	1,422,494	1,450,944	1,479,963	1,509,562	1,539,753
Transfers - General Fund	-	24,760	-	11,711	-	-	-	-	-	-
Transfers - Capital projects	805,536	344,195	-	-	-	-	-	-	-	-
Total revenue excluding fund balance	10,942,477	11,119,756	11,814,496	11,719,332	11,428,410	11,894,894	12,130,412	12,377,988	12,620,107	12,867,070
Expenditures:										
Personal service	945,229	1,031,008	1,038,861	1,040,615	1,179,981	1,209,481	1,239,718	1,270,710	1,302,478	1,335,040
Fringe benefits	350,323	355,541	379,940	386,931	441,171	452,200	463,505	475,093	486,970	499,144
Purchased services	56,480	56,863	71,630	56,333	85,730	88,302	90,951	93,679	96,490	99,385
Internal services	190,204	186,534	193,356	192,244	193,800	199,614	205,602	211,770	218,124	224,667
Other charges	123,970	125,676	118,851	141,386	153,507	158,112	162,856	167,741	172,773	177,957
Materials and supplies	105,182	118,759	82,124	116,111	106,700	109,901	113,198	116,594	120,092	123,695
Depreciation	1,434,168	1,451,256	1,397,508	1,406,250	1,408,410	1,422,494	1,450,944	1,479,963	1,509,562	1,539,753
Payment to HRRSA - Operations	3,126,223	3,276,363	3,279,836	3,405,920	3,615,000	3,687,300	3,761,046	3,836,267	3,912,992	3,991,252
Payment to HRRSA - Debt service	2,853,933	2,824,053	2,814,570	2,742,164	2,740,000	2,740,000	2,740,000	2,740,000	2,740,000	2,740,000
Payment in lieu of taxes	310,536	314,256	313,782	318,888	311,046	317,267	323,612	330,085	336,686	343,420
Capital outlay	308,232	145,374	286,315	86,127	244,000	251,320	258,860	266,625	274,624	282,863
Transfers - Capital projects	350,000	300,000	400,000	400,000	425,000	-	-	-	-	-
Transfers - Other	790,398	840,342	874,788	900,834	936,432	936,823	964,928	993,875	1,023,692	1,054,402
Total expenditures	10,944,876	11,026,026	11,251,561	11,193,804	11,840,777	11,572,814	11,775,219	11,982,404	12,194,484	12,411,579
Capital outlay	(308,232)	(145,374)	(286,315)	(86,127)	(244,000)	(251,320)	(258,860)	(266,625)	(274,624)	(282,863)
Transfers - Capital projects	(350,000)	(300,000)	(400,000)	(400,000)	(425,000)	-	-	-	-	-
<b>Cash/Funds Avail for CO &amp; Cap Proj</b>	<b>655,833</b>	<b>539,104</b>	<b>1,249,250</b>	<b>1,011,655</b>	<b>256,633</b>	<b>573,400</b>	<b>614,052</b>	<b>662,209</b>	<b>700,248</b>	<b>738,354</b>

City of Harrisonburg, Virginia  
School Transportation Fund  
Schedule of Cash/Funds Available for Capital Outlays and Capital Projects  
For the Ten Year Period July 1, 2011 Through June 30, 2021

	Fiscal Years									
	Actual 2012	Actual 2013	Actual 2014	Actual 2015	Budgeted 2016	Estimated 2017	Estimated 2018	Estimated 2019	Estimated 2020	Estimated 2021
Amount from fund balance	-	-	-	475,000	20,000	-	-	-	-	-
Revenues:										
Use of money and property	151	117	181	263	-	-	-	-	-	-
Charges for services	2,161,529	2,423,515	2,699,816	3,026,804	3,081,793	3,166,281	3,253,144	3,342,451	3,434,271	3,528,677
Miscellaneous	6,556	31,001	3,690	28,563	-	-	-	-	-	-
Transfers - General Fund	574,049	190,058	-	7,915	-	-	-	-	-	-
Transfers - Other Funds	-	105,000	-	-	-	-	-	-	-	-
Total revenue excluding fund balance	<u>2,742,286</u>	<u>2,749,691</u>	<u>2,703,687</u>	<u>3,063,545</u>	<u>3,081,793</u>	<u>3,166,281</u>	<u>3,253,144</u>	<u>3,342,451</u>	<u>3,434,271</u>	<u>3,528,677</u>
Expenditures:										
Personal service	1,174,722	1,251,990	1,164,496	1,260,884	1,312,817	1,345,637	1,379,278	1,413,760	1,449,104	1,485,332
Fringe benefits	468,348	456,522	444,161	506,930	570,456	584,717	599,335	614,319	629,677	645,419
Purchased services	35,575	39,851	31,354	34,027	61,533	63,379	65,280	67,239	69,256	71,334
Internal services	556,296	603,916	719,294	654,524	689,500	710,185	731,491	753,435	776,038	799,319
Other charges	101,669	100,239	100,758	99,703	110,787	114,111	117,534	121,060	124,692	128,432
Materials and supplies	19,209	27,767	21,298	19,531	21,700	22,351	23,022	23,712	24,424	25,156
Capital outlay	278,630	290,394	94,378	433,902	335,000	-	-	-	-	-
Transfers - Capital projects	-	-	-	225,000	-	-	-	-	-	-
Total expenditures	<u>2,634,448</u>	<u>2,770,681</u>	<u>2,575,739</u>	<u>3,234,501</u>	<u>3,101,793</u>	<u>2,840,380</u>	<u>2,915,940</u>	<u>2,993,525</u>	<u>3,073,191</u>	<u>3,154,992</u>
Capital outlay	(278,630)	(290,394)	(94,378)	(433,902)	(335,000)	-	-	-	-	-
Transfers - Capital projects	-	-	-	(225,000)	-	-	-	-	-	-
<b>Cash/Funds Avail for CO &amp; Cap Proj</b>	<b><u>386,468</u></b>	<b><u>269,404</u></b>	<b><u>222,326</u></b>	<b><u>487,946</u></b>	<b><u>315,000</u></b>	<b><u>325,901</u></b>	<b><u>337,204</u></b>	<b><u>348,926</u></b>	<b><u>361,081</u></b>	<b><u>373,685</u></b>

City of Harrisonburg, Virginia  
Public Transportation Fund  
Schedule of Cash/Funds Available for Capital Outlays and Capital Projects  
For the Ten Year Period July 1, 2011 Through June 30, 2021

	Fiscal Years									
	Actual 2012	Actual 2013	Actual 2014	Actual 2015	Budgeted 2016	Estimated 2017	Estimated 2018	Estimated 2019	Estimated 2020	Estimated 2021
Amount from fund balance	446,105	72,986	90,139	460,365	-	-	-	-	-	-
Revenues:										
Use of money and property	60,773	92,380	79,790	112,601	90,000	90,000	91,800	93,636	95,509	97,419
Charges for service	1,558,573	1,652,818	1,768,085	1,802,811	1,793,500	1,825,780	1,858,706	1,892,290	1,926,546	1,961,486
Miscellaneous	25,429	13,036	20,609	16,309	-	-	-	-	-	-
Recovered costs	96	79	61,786	99,585	99,500	105,470	105,470	105,470	105,470	105,470
Intergovernmental revenue	4,358,247	2,340,054	3,360,394	3,633,814	5,849,972	5,663,623	2,750,916	5,572,264	5,960,190	3,109,213
Transfers - Depreciation, etc.	216,660	216,660	216,660	216,660	216,660	216,660	216,660	216,660	216,660	216,660
Transfers - General Fund	426,830	495,572	550,822	258,489	250,000	257,500	265,225	273,182	281,377	289,819
Total revenue excluding fund balance	6,646,607	4,810,599	6,058,147	6,140,269	8,299,632	8,159,033	5,288,777	8,153,502	8,585,751	5,780,067
Expenditures:										
Personal service	1,606,836	1,702,593	1,820,453	2,006,588	2,111,045	2,174,376	2,228,736	2,284,454	2,341,566	2,400,105
Fringe benefits	381,440	360,596	436,591	496,286	562,985	579,875	594,371	609,231	624,461	640,073
Purchased services	116,988	91,404	89,197	114,359	136,100	140,183	144,388	148,720	153,182	157,777
Internal services	1,134,487	1,307,074	1,245,808	1,278,480	1,539,000	1,585,170	1,632,725	1,681,707	1,732,158	1,784,123
Other charges	190,446	230,070	249,716	254,040	321,642	331,291	341,230	351,467	362,011	372,871
Materials and supplies	27,135	21,858	41,027	37,599	46,200	47,586	49,014	50,484	51,999	53,558
Depreciation	216,660	216,660	216,660	216,660	216,660	216,660	216,660	216,660	216,660	216,660
Capital outlay	2,768,476	966,214	1,390,347	1,810,568	3,366,000	3,385,000	90,750	3,166,523	3,537,318	308,138
Transfers - Capital projects	483,717	-	-	339,809	-	-	-	-	-	-
Total expenditures	6,926,185	4,896,469	5,489,797	6,554,390	8,299,632	8,460,141	5,297,874	8,509,245	9,019,354	5,933,305
Capital outlay	(2,768,476)	(966,214)	(1,390,347)	(1,810,568)	(3,366,000)	(361,000)	(32,250)	(340,523)	(378,318)	(56,138)
Transfers - Capital projects	(483,717)	-	-	(339,809)	-	-	-	-	-	-
<b>Cash/Funds Avail for CO &amp; Cap Proj</b>	<b>2,972,616</b>	<b>880,344</b>	<b>1,958,696</b>	<b>1,736,257</b>	<b>3,366,000</b>	<b>59,892</b>	<b>23,152</b>	<b>(15,221)</b>	<b>(55,285)</b>	<b>(97,100)</b>

City of Harrisonburg, Virginia  
Sanitation Fund  
Schedule of Cash/Funds Available for Capital Outlays and Capital Projects  
For the Ten Year Period July 1, 2011 Through June 30, 2021

	Fiscal Years									
	Actual 2012	Actual 2013	Actual 2014	Actual 2015	Budgeted 2016	Estimated 2017	Estimated 2018	Estimated 2019	Estimated 2020	Estimated 2021
Amount from fund balance	960,735	3,436,864	3,234,534	248,822	1,207,835	-	-	-	-	-
Revenues:										
Use of money and property	14,489	13,325	9,248	4,975	4,000	4,040	4,121	4,203	4,287	4,373
Charges for services	3,656,449	5,122,442	3,951,937	5,521,920	4,100,000	4,182,000	4,265,640	4,350,953	4,437,972	4,526,731
Miscellaneous	290	1,240	580	61,205	-	25,000	-	-	-	-
Recovered costs:										
JMU (CISAT Operating)	1,043,177	904,478	1,516,654	1,307,984	347,000	-	-	-	-	-
JMU (CISAT Bond Payment)	468,441	468,794	463,750	463,253	465,185	-	-	-	-	-
JMU (Chiller Bond Payment)	127,375	123,725	120,075	116,425	112,775	109,125	105,475	101,825	-	-
Proceeds from debt	-	-	-	-	-	-	-	-	-	-
Premium on sale of bonds	-	-	-	-	-	-	-	-	-	-
Transfers - Depreciation, etc.	1,281,718	1,158,568	1,158,568	1,237,212	200,000	200,000	204,000	208,080	212,242	216,486
Transfers - General Fund	764,190	390,909	395,705	2,874,988	-	-	-	-	-	-
Total revenue excluding fund balance	7,356,129	8,183,480	7,616,516	11,587,962	5,228,960	4,520,165	4,579,236	4,665,061	4,654,501	4,747,591
Expenditures:										
Personal service	1,137,402	1,361,321	1,387,203	1,841,589	1,092,425	995,347	1,020,230	1,045,736	1,071,880	1,098,677
Fringe benefits	420,216	469,981	514,384	755,978	430,112	431,348	442,131	453,185	464,514	476,127
Purchased services	782,787	1,508,865	1,074,198	1,949,491	1,078,150	1,103,542	1,136,648	1,170,748	1,205,870	1,242,046
Internal services	46,068	87,048	56,280	201,894	220,000	226,600	233,398	240,400	247,612	255,040
Other charges	1,427,001	1,259,209	1,504,815	1,034,927	449,629	121,771	125,424	129,187	133,062	137,054
Materials and supplies	224,297	293,398	244,433	45,509	51,700	37,235	38,352	39,502	40,687	41,908
Depreciation	1,281,718	1,237,212	1,237,212	1,237,212	200,000	200,000	204,000	208,080	212,242	216,486
Capital outlay	1,549	214,774	216,800	385,903	170,000	175,100	180,353	185,764	191,336	197,077
Debt service and fiscal charges	2,421,021	2,408,367	2,655,706	2,650,970	2,644,779	2,177,110	2,167,313	2,164,350	1,591,129	1,587,066
Bond refunding issue	-	-	-	-	-	-	-	-	-	-
Transfers - Capital projects	743,500	1,150,000	400,000	500,000	100,000	-	-	-	-	-
Total expenditures	8,485,557	9,990,175	9,291,030	10,603,473	6,436,795	5,468,052	5,547,849	5,636,951	5,158,332	5,251,481
Capital outlay	(1,549)	(214,774)	(216,800)	(385,903)	(170,000)	(175,100)	(180,353)	(185,764)	(191,336)	(197,077)
Transfers - Capital projects	(743,500)	(1,150,000)	(400,000)	(500,000)	(100,000)	-	-	-	-	-
<b>Cash/Funds Avail for CO &amp; Cap Proj</b>	<b>(384,379)</b>	<b>(441,920)</b>	<b>(1,057,714)</b>	<b>1,870,392</b>	<b>(937,835)</b>	<b>(772,787)</b>	<b>(788,260)</b>	<b>(786,127)</b>	<b>(312,495)</b>	<b>(306,814)</b>

City of Harrisonburg, Virginia  
Stormwater Fund  
Schedule of Cash/Funds Available for Capital Outlays and Capital Projects  
For the Ten Year Period July 1, 2011 Through June 30, 2021

	Fiscal Years									
	Actual 2012	Actual 2013	Actual 2014	Actual 2015	Budgeted 2016	Estimated 2017	Estimated 2018	Estimated 2019	Estimated 2020	Estimated 2021
Amount from fund balance	-	-	-	-	-	-	-	-	-	-
Revenues:										
Use of money and property	-	-	-	-	-	-	-	-	-	-
Charges for services	-	-	-	-	1,788,100	1,970,486	1,970,486	1,970,486	1,970,486	1,970,486
Miscellaneous	-	-	-	-	-	-	-	-	-	-
Recovered costs	-	-	-	-	-	-	-	-	-	-
Intergovernmental revenue	-	-	-	-	-	-	-	-	-	-
Transfers - Depreciation, etc.	-	-	-	-	-	-	-	-	-	-
Transfers - General Fund	-	-	-	-	-	-	-	-	-	-
Total revenue excluding fund balance	-	-	-	-	1,788,100	1,970,486	1,970,486	1,970,486	1,970,486	1,970,486
Expenditures:										
Personal service	-	-	-	-	144,113	148,436	152,889	157,476	162,200	167,066
Fringe benefits	-	-	-	-	54,128	55,752	57,424	59,147	60,922	62,749
Purchased services	-	-	-	-	252,350	259,921	267,718	275,750	284,022	292,543
Internal services	-	-	-	-	38,000	39,140	40,314	41,524	42,769	44,052
Other charges	-	-	-	-	14,407	14,839	15,284	15,743	16,215	16,702
Materials and supplies	-	-	-	-	12,300	12,669	13,049	13,441	13,844	14,259
Depreciation	-	-	-	-	-	-	-	-	-	-
Capital outlay	-	-	-	-	770,000	465,000	478,950	493,319	508,118	523,362
Transfers - Capital projects	-	-	-	-	502,802	-	-	-	-	-
Transfers - General Fund	-	-	-	-	-	-	-	-	-	-
Total expenditures	-	-	-	-	1,788,100	995,757	1,025,630	1,056,399	1,088,090	1,120,733
Capital outlay	-	-	-	-	(770,000)	(465,000)	(478,950)	(493,319)	(508,118)	(523,362)
Transfers - Capital projects	-	-	-	-	(502,802)	-	-	-	-	-
<b>Cash/Funds Avail for CO &amp; Cap Proj</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,272,802</b>	<b>1,439,729</b>	<b>1,423,807</b>	<b>1,407,406</b>	<b>1,390,514</b>	<b>1,373,115</b>