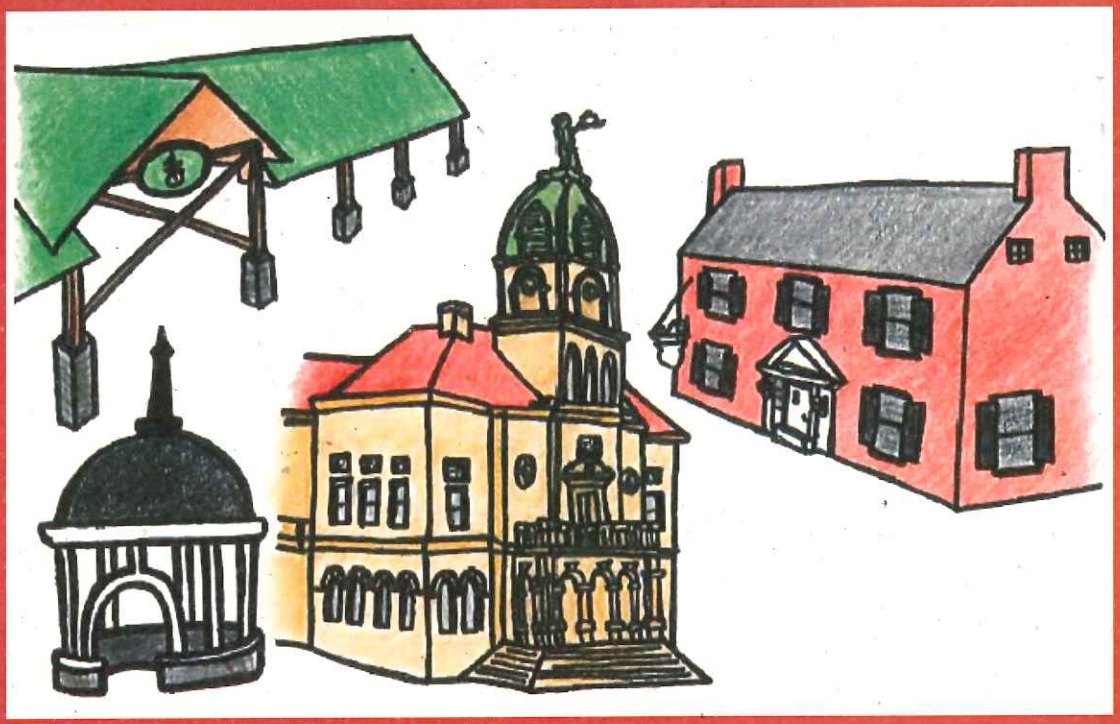

City of Harrisonburg

Capital Improvement Program

FY 2015-2016 through 2019-2020

CITY OF HARRISONBURG
CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2015-16 THROUGH FISCAL YEAR 2019-20

TABLE OF CONTENTS

Section	**Page**
INTRODUCTION	i
SUMMARY TABLES	
Summary of Priority 1 and 2 Projects for each Fund	iv
Summary of Priority 1 and 2 Projects by Fund	xv
Summary of CIP Requests by Department	xvi
Summary of CIP Requests by Fund	xvii
GENERAL FUND PROJECTS	
Information Technology	1
Police Department	10
Fire Department	12
Emergency Communications Center	18
General Properties	21
Public Works	24
Parks and Recreation	74
Community Development	88
Parking Services	89
SCHOOL FUND PROJECTS	92
WATER FUND PROJECTS	109
SEWER FUND PROJECTS	113
SCHOOL TRANSPORTATION FUND PROJECTS	115
PUBLIC TRANSPORTATION FUND PROJECTS	116
SANITATION FUND PROJECTS	117
STORM WATER FUND PROJECTS	125
APPENDICES	

CITY OF HARRISONBURG
CAPITAL IMPROVEMENTS PROGRAM
FISCAL YEAR 2015-2016 THROUGH FISCAL YEAR 2019-2020

INTRODUCTION

Purpose

The Capital Improvements Program 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 Capital Improvements (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 it 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 have been included for Harrisonburg City Public Schools as submitted by the School Board and are not necessarily an indication of City Management's recommendation.

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 reevaluated. The goal of this process is for the City to continue to meet is capital needs in a timely manner and to maintain a tradition of strong responsibility.

Format

The Capital Project Request Form indentifies 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:

Justification Codes	**Elaboration**
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 of 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, Assistant City Manager, Director of Finance and the 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:

Priority Code	**Description**
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 Capital Improvements Program. Projects rated "1" and "2" are summarized separately to reflect the projects that will be given the highest budget priority. Also, based on the 5 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 and Steam Plant 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 Capital Improvements Program.

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 Improvment Program

Priority 1 & 2 Projects

General Fund Summary

FY 2016 through FY 2020

Department Project Title	Page #	FY 2015-2016	FY 2016-2017	FY 2017-2018	FY 2018-2019	FY 2019-2020	TOTAL	Beyond
Information Technology								
Work Order/Asset Management System	1	$ 350,000	$ -	$ -	$ -	$ -	$ 350,000	
Community Development Software	2	$ 250,000	$ -	$ -	$ -	$ -	$ 250,000	
Financial Needs Assessment	3	$ 75,000	$ 850,000	$ -	$ -	$ -	$ 925,000	
Training Management Software	4	$ -	$ 100,000	$ -	$ -	$ -	$ 100,000	
New Water Billing Software	5	$ -	$ 800,000	$ -	$ -	$ -	$ 800,000	
Electronic Time Entry System	6	$ -	$ -	$ 300,000	$ -	$ -	$ 300,000	
Document Management System	7	$ -	$ -	$ 500,000	$ -	$ -	$ 500,000	
Egov System	8	$ -	$ -	$ 150,000	$ -	$ -	$ 150,000	
Citizen Inquiry Application	9	$ -	$ -	$ 250,000	$ -	$ -	$ 250,000	
Department Total		**$ 675,000**	**$ 1,750,000**	**$ 1,200,000**	**$ -**	**$ -**	**$ 3,625,000**	**$ -**
Police Department								
HPD Records Management & Crime Analysis System	10	$ 980,000	$ -	$ -	$ -	$ -	$ 980,000	
Firearms range and classroom relocation	11	$ 310,336	$ -	$ -	$ -	$ -	$ 310,336	
Department Total		**$ 1,290,336**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,290,336**	**$ -**
Fire Department								
Fire Engine Replacement	12	$ 189,210	$ 189,210	$ 189,210	$ -	$ -	$ 567,630	
Renovation Fire Sta. 1	15	$ 881,805	$ -	$ -	$ -	$ -	$ 881,805	
Self Contained Breathing Apparatus Replacement	17	$ -	$ -	$ -	$ 509,000	$ -	$ 509,000	
Department Total		**$ 1,071,015**	**$ 189,210**	**$ 189,210**	**$ 509,000**	**$ -**	**$ 1,958,435**	**$ -**

Department	Page #	FY 2015-2016	FY 2016-2017	FY 2017-2018	FY 2018-2019	FY 2019-2020	TOTAL	Beyond
Emergency Communications Center								
Replace Voice Logging/Recorder	18	$ 282,000	$ -	$ -	$ -	$ -	$ 282,000	
Computer Aided Dispatch System	19	$ 195,000	$ -	$ -	$ -	$ -	$ 195,000	
Upgrade Radio System Core	20	$ 1,496,744	$ -	$ -	$ -	$ -	$ 1,496,744	
Department Total		**$ 1,973,744**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,973,744**	**$ -**
General Properties								
Renovation of Old Municipal Building	22	$ 250,000	$ 2,500,000	$ -	$ -	$ -	$ 2,750,000	
Department Total		**$ 250,000**	**$ 2,500,000**	**$ -**	**$ -**	**$ -**	**$ 2,750,000**	**$ -**
Public Works								
Street Division Equipment & Vehicle Replacement Program	24	$ 437,000	$ 423,500	$ 493,600	$ 416,500	$ 592,700	$ 2,363,300	
Country Club Road (2) bridges	25	$ -	$ 1,000,000	$ -	$ -	$ -	$ 1,000,000	
Pleasant Valley Road Bridge	26	$ 1,500,000	$ -	$ -	$ -	$ -	$ 1,500,000	
Annual Street Paving Program (43374, 43376)	28	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,100,000	$ 2,200,000	$ 10,300,000	
Equipment Replacement	29	$ -	$ -	$ 375,000	$ -	$ -	$ 375,000	
Renovations of Public Works Maintenance Shops (48181)	41	$ -	$ 250,000	$ 50,000	$ -	$ -	$ 300,000	
Sidewalk and Curb/Gutter Reconstruction (48106)	45	$ 150,000	$ 175,000	$ 180,000	$ 210,000	$ 210,000	$ 925,000	
South Main Street (48718)	46	$ -	$ -	$ 1,000,000	$ 5,000,000	$ -	$ 6,000,000	$ 6,300,000
Chicago Ave./ Mt. Clinton Pike/ Park Rd. Roundabout	47	$ 1,050,000	$ -	$ 2,500,000	$ -	$ -	$ 3,550,000	
Chicago Avenue Improvements	48	$ -	$ -	$ -	$ -	$ 450,000	$ 450,000	$ 6,000,000
Carlton Street Improvement	51	$ -	$ 250,000	$ 750,000	$ -	$ 1,000,000	$ 2,000,000	
Bluestone Trail	52	$ -	$ -	$ 200,000	$ -	$ 1,500,000	$ 1,700,000	
E. Market St. - Martin Luther King, Jr. Way TO I-81	54	$ 1,000,000	$ 1,000,000	$ 1,500,000	$ -	$ -	$ 3,500,000	$ 14,500,000

Public Works Continued	Page #	FY 2015-2016	FY 2016-2017	FY 2017-2018	FY 2018-2019	FY 2019-2020	TOTAL	Beyond
University Blvd- Sidewalk	55	$ 250,000	$ 200,000	$ 250,000	$ -	$ -	$ 700,000	
Rerservoir St. Project	56	$ 9,000,000	$ -	$ -	$ -	$ -	$ 9,000,000	
Stonespring Rd./Erickson Ave. Connector	57	$ -	$ -	$ 4,000,000	$ -	$ -	$ 4,000,000	
Martin Luther King Jr Way Widening	60	$ -	$ 500,000	$ 3,380,000	$ -	$ -	$ 3,880,000	
East Market St. - Safety Improvement Program	61	$ -	$ -	$ 2,200,000	$ -	$ -	$ 2,200,000	
Neff Ave. Improvements	62	$ -	$ -	$ 400,000	$ 1,800,000	$ -	$ 2,200,000	
Virginia Ave. - Gay St. To 5th St.	64	$ -	$ -	$ -	$ 425,000	$ -	$ 425,000	$ 4,000,000
Linda Lane Widening	65	$ -	$ -	$ 400,000	$ 1,000,000	$ -	$ 1,400,000	
Smithland Rd.	66	$ -	$ -	$ -	$ -	$ 500,000	$ 500,000	$ 3,750,000
Safe Routes to School THMS	68	$ -	$ -	$ 1,000,000	$ -	$ -	$ 1,000,000	
Hillandale Park to Garber's Church Rd. Trail	69	$ -	$ 150,000	$ 100,000	$ -	$ -	$ 250,000	$ 1,000,000
Northend Greenway	70	$ 2,250,000	$ -	$ -	$ -	$ -	$ 2,250,000	
North Main Street Sidewalk	71	$ 600,000	$ -	$ -	$ -	$ -	$ 600,000	
Mosby Road Sidewalk	72	$ -	$ 425,000	$ -	$ -	$ -	$ 425,000	
Reservoir Street Sidewalk	73	$ -	$ 1,000,000	$ -	$ -	$ -	$ 1,000,000	
Department Total		**$ 18,237,000**	**$ 7,373,500**	**$ 20,778,600**	**$ 10,951,500**	**$ 6,452,700**	**$ 63,793,300**	**$ 35,550,000**
Parks and Recreation								
Parks Accessibility Improvement Program	74	$ 53,500	$ 56,000	$ 50,000			$ 159,500	
Playground Improvement Program	75	$ 57,200	$ 112,300	$ 75,000	$ 117,400	$ 65,400	$ 427,300	$ 65,400
Purcell Park Pond Renovation	76	$ 50,000	$ -	$ -	$ -	$ -	$ 50,000	
Skidloader Replacement	77	$ 52,000	$ -	$ -	$ -	$ -	$ 52,000	
Ralph Sampson Park Improvement Project	78	$ -	$ 713,530	$ -	$ -	$ -	$ 713,530	
Westover Pool UV System	79	$ -	$ -	$ -	$ 85,000	$ -	$ 85,000	

Parks and Recreation Continued	Page #	FY 2015-2016	FY 2016-2017	FY 2017-2018	FY 2018-2019	FY 2019-2020	TOTAL	Beyond
Westover Pool Deck Resurfacing and Zero Depth Entry	81	$ 249,500	$ -	$ -	$ -	$ -	$ 249,500	
Westover Pool Slide Replacement	82	$ -	$ 103,800	$ -	$ -	$ -	$ 103,800	
Ramblewood Park Redevelopment	83	$ 1,393,900	$ 1,393,900	$ -	$ -	$ -	$ 2,787,800	
Athletic Field Lighting Schedule	85	$ 212,000	$ 217,000	$ 222,000	$ -	$ -	$ 651,000	
Department Total		**$ 2,068,100**	**$ 2,596,530**	**$ 347,000**	**$ 202,400**	**$ 65,400**	**$ 5,279,430**	**$ 65,400**
Community Development								
Development Ordinance Improvements	88			$ 125,000			$ 125,000	
Department Total		**$ -**	**$ -**	**$ 125,000**	**$ -**	**$ -**	**$ 125,000**	**$ -**
Parking Services								
Downtown Parking Lot Improvement Program	89	$ -	$ 40,000	$ 150,000	$ -	$ -	$ 190,000	
Downtown Parking Deck	90	$ -	$ -	$ 1,600,000	$ 6,400,000	$ -	$ 8,000,000	
Department Total		**$ -**	**$ 40,000**	**$ 1,750,000**	**$ 6,400,000**	**$ -**	**$ 8,190,000**	**$ -**
TOTAL GENERAL FUND		**$ 25,565,195**	**$ 14,449,240**	**$ 24,389,810**	**$ 18,062,900**	**$ 6,518,100**	**$ 88,985,245**	**$ 35,615,400**
Potential Other Funding, Excluding Bond Funds, Not Included in Available Revenues		**$ (11,018,372)**	**$ (2,746,500)**	**$ (7,860,000)**	**$ (7,050,000)**	**$ (750,000)**	**$ (29,424,872)**	**$ (24,550,000)**
Anticipated Bond Funds		**$ -**	**$ (2,500,000)**	**$ (5,230,000)**	**$ (7,150,000)**	**$ (1,000,000)**	**$ (15,880,000)**	**$ (10,500,000)**
TOTAL NEEDED FROM GENERAL FUND (EXCLUDING SCHOOLS)		**$ 14,546,823**	**$ 9,202,740**	**$ 11,299,810**	**$ 3,862,900**	**$ 4,768,100**	**$ 43,680,373**	**$ 565,400**
TOTAL AVAILABLE FROM GENERAL FUND		**$ 2,345,517**	**$ 1,914,325**	**$ 2,047,722**	**$ 1,660,283**	**$ 1,586,767**	**$ 9,554,614**	

CITY OF HARRISONBURG

Capital Improvment Program

Priority 1 & 2 Projects

School Fund

FY 2016 through FY 2020

Department Project Title	Page #	FY 2015-2016	FY 2016-2017	FY 2017-2018	FY 2018-2019	FY 2019-2020	TOTAL	Beyond
Construction of Elementary School	92	$ 35,500,000	$ -	$ -	$ -	$ -	$ 35,500,000	$ -
Spotswood ES Playground Construction	93	$ 75,000	$ -	$ -	$ -	$ -	$ 75,000	$ -
Boiler Replacement, Stonespring ES	94	$ 70,000	$ -	$ -	$ -	$ -	$ 70,000	$ -
Air Handler Replacement, Spotswood ES	95	$ 175,000	$ -	$ -	$ -	$ -	$ 175,000	$ -
Air Handler Replacement, Waterman ES	96	$ 175,000	$ -	$ -	$ -	$ -	$ 175,000	$ -
Chiller Replacement, Stonespring ES	97	$ 130,000	$ -	$ -	$ -	$ -	$ 130,000	$ -
Construction of Pre-K Center	98	$ 10,600,000	$ -	$ -	$ -	$ -	$ 10,600,000	$ -
Air Handler Replacement, Keister ES	99	$ -	$ 250,000	$ -	$ -	$ -	$ 250,000	$ -
Construction of New Middle School	100	$ -	$ 45,400,000	$ -	$ -	$ -	$ 45,400,000	$ -
Construction of 2nd Pre-K Center	101	$ -	$ 12,100,000	$ -	$ -	$ -	$ 12,100,000	$ -
Phone System Upgrade, SSES	102	$ -	$ 50,000	$ -	$ -	$ -	$ 50,000	$ -
Upgrade HVAC Controls, Stonespring ES	103	$ -	$ -	$ 50,000	$ -	$ -	$ 50,000	$ -
Renovation/Remodel of THMS	104	$ -	$ -	$ 40,000,000	$ -	$ -	$ 40,000,000	$ -
Storefront Door Replacements, Smithland ES & Skyline MS	105	$ -	$ -	$ -	$ 100,000	$ -	$ 100,000	$ -
Purchase of Land for School	106	$ -	$ -	$ 2,000,000	$ -	$ -	$ 2,000,000	$ -
Addition to Current High School	107	$ -	$ -	$ -	$ 21,300,000	$ -	$ 21,300,000	$ -
Chiller Replacemnet, Harrisonburg HS	108	$ -	$ -	$ -	$ -	$ 300,000	$ 300,000	$ -
TOTAL SCHOOL FUND		**$ 46,725,000**	**$ 57,800,000**	**$ 42,050,000**	**$ 21,400,000**	**$ 300,000**	**$ 168,275,000**	**$ -**
Anticipated Bond Funds		**$ (41,800,000)**	**$ (53,800,000)**	**$ (40,000,000)**	**$ (20,000,000)**		**$(155,600,000)**	
TOTAL NEEDED FROM SCHOOL FUND		**$ 4,925,000**	**$ 4,000,000**	**$ 2,050,000**	**$ 1,400,000**	**$ 300,000**	**$ 12,675,000**	**$ -**

CITY OF HARRISONBURG

Capital Improvment Program

Priority 1 & 2 Projects

Water Fund

FY 2016 through FY 2020

Department Project Title	Page #	FY 2015-2016	FY 2016-2017	FY 2017-2018	FY 2018-2019	FY 2019-2020	TOTAL	Beyond
Western Raw Waterline	109	$ 312,595	$ 1,173,290	$ 137,525	$ 776,495	$ 135,990	$ 2,535,895	$ 13,074,390
Eastern Source Development	110	$ 392,419	$ 19,646,379	$ -	$ -	$ -	$ 20,038,798	
Western Potable System	111	$ -	$ -	$ -	$ -	$ 300,000	$ 300,000	$ 2,075,000
Management of Pumping, Storage & Transfer Assets	112	$ 4,059,000	$ 425,000	$ 25,000	$ 82,300	$ 25,000	$ 4,616,300	$ 4,521,700
TOTAL WATER FUND		**$ 4,764,014**	**$ 21,244,669**	**$ 162,525**	**$ 858,795**	**$ 460,990**	**$ 27,490,993**	**$ 19,671,090**
Contribution to General Fund IT Projects		**$ 50,000**	**$ 267,000**					
Potential Other Funding, Excluding Bond Funds, Not Included in Available Revenues		**$ (764,014)**	**$ (1,243,044)**	**$ (162,525)**	**$ (858,795)**	**$ (460,990)**	**$ (3,489,368)**	**$ (19,671,090)**
Anticipated Bond Funds Not Included in Available Revenues		**$ (4,000,000)**	**$ (20,001,625)**	**$ -**	**$ -**	**$ -**	**$ (24,001,625)**	
TOTAL NEEDED FROM WATER FUND		**$ 50,000**	**$ 267,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
TOTAL AVAILABLE FROM WATER FUND		**$ 690,738**	**$ 688,037**	**$ 676,233**	**$ 663,203**	**$ 654,849**	**$ 3,373,060**	

CITY OF HARRISONBURG

Capital Improvment Program

Priority 1 & 2 Projects

Sewer Fund

FY 2016 through FY 2020

Department Project Title	Page #	FY 2015-2016	FY 2016-2017	FY 2017-2018	FY 2018-2018	FY 2019-2020	TOTAL	Beyond
Blacks Run Interceptor Upgrade Program	113	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 1,500,000	$ 2,045,500
Capital Outlay	114	$ 205,000	$ 200,000	$ 240,000	$ 275,000	$ 275,000	$ 1,195,000	
TOTAL SEWER FUND		**$ 505,000**	**$ 500,000**	**$ 540,000**	**$ 575,000**	**$ 575,000**	**$ 2,695,000**	**$ 2,045,500**
Contribution to General Fund IT Projects		**$ 50,000**	**$ 267,000**					
Potential Other Funding, Not Included in Available Revenues		**$ (505,000)**	**$ (500,000)**	**$ (540,000)**	**$ (575,000)**	**$ (575,000)**	**$ (2,695,000)**	**$ (2,045,500)**
TOTAL NEEDED FROM SEWER FUND		**$ 50,000**	**$ 267,000**	**$ -**	**$ -**	**$ -**	**$ 317,000**	**$ -**
TOTAL AVAILABLE FROM SEWER FUND		**$ 464,783**	**$ 502,069**	**$ 549,568**	**$ 587,233**	**$ 624,966**	**$ 2,728,619**	

CITY OF HARRISONBURG

Capital Improvment Program

Priority 1 & 2 Projects

School Transportation Fund

FY 2016 through FY 2020

Department Project Title	Page #	FY 2015-2016	FY 2016-2017	FY 2017-2018	FY 2018-2019	FY 2019-2020	TOTAL	Beyond
School Buses	115	$ 300,000	$ 300,000	$ 325,000	$ 440,000	$ 450,000	$ 1,815,000	
TOTAL SCHOOL TRANSPORTATION FUND		**$ 300,000**	**$ 300,000**	**$ 325,000**	**$ 440,000**	**$ 450,000**	**$ 1,815,000**	**$ -**
TOTAL AVAILABLE FROM SCHOOL TRANSPORTATION FUND		**$ 263,812**	**$ 274,011**	**$ 284,612**	**$ 295,630**	**$ 307,081**	**$ 1,425,146**	

CITY OF HARRISONBURG

Capital Improvement Program

Priority 1 & 2 Projects

Public Transportation Fund

FY 2016 through 2020

Department Project Title	Page #	FY 2015-2016	FY 2016-2017	FY 2017-2018	FY 2018-2019	FY 2019-2020	TOTAL	Beyond
Transit Buses	116	$ 1,640,000	$ 960,000	$ 1,762,000	$ 880,000	$ 3,278,000	$ 8,520,000	
TOTAL PUBLIC TRANSPORTATION FUND		**$ 1,640,000**	**$ 960,000**	**$ 1,762,000**	**$ 880,000**	**$ 3,278,000**	**$ 8,520,000**	
Potential Other Funding Not Included in Available Revenues		**$ (1,476,000)**	**$ (864,000)**	**$ (1,585,800)**	**$ (792,000)**	**$ (2,950,200)**	**$ (7,668,000)**	
TOTAL NEEDED FROM PUBLIC TRANSPORTATION FUND		**$ 164,000**	**$ 96,000**	**$ 176,200**	**$ 88,000**	**$ 327,800**	**$ 852,000**	
TOTAL AVAILABLE FROM PUBLIC TRANSPORTATION FUND		**$ (214,264)**	**$ (255,897)**	**$ (299,255)**	**$ (344,399)**	**$ (391,390)**	**$ (1,505,205)**	

CITY OF HARRISONBURG

Capital Improvment Program

Priority 1 & 2 Projects

Sanitation Fund

FY 2016 through FY 2020

Sanitation Plant Fund Project Title	Page #	FY 2015-2016	FY 2016-2017	FY 2017-2018	FY 2018-2019	FY 2019-2020	TOTAL	Beyond
City Landfill Closure & Monitoring	117	$ 80,000	$ 85,000	$ 90,000	$ 95,000	$ 100,000	$ 450,000	$ 1,403,600.00
Transfer Truck Steam Plant	119		$ 200,000		$ 200,000		$ 400,000	$ 300,000
RRF and MRF Closure & Monitoring	122	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 250,000	$ 1,000,000.00
TOTAL SANITATION FUND		**$ 130,000**	**$ 335,000**	**$ 140,000**	**$ 345,000**	**$ 150,000**	**$ 1,100,000**	**$ 2,703,600**
TOTAL NEEDED FROM SANITATION FUND		**$ 130,000**	**$ 335,000**	**$ 140,000**	**$ 345,000**	**$ 150,000**	**$ 1,100,000**	**$ 2,703,600**
TOTAL AVAILABLE FROM SANITATION FUND		**$ (433,247)**	**$ (420,553)**	**$ (403,361)**	**$ (393,344)**	**$ 88,397**	**$ (1,562,108)**	**$ -**

CITY OF HARRISONBURG

Capital Improvment Program

Priority 1 & 2 Projects

Stormwater Fund

FY 2016 through FY 2020

Department Project Title	Page #	FY 2015-2016	FY 2016-2017	FY 2017-2018	FY 2018-2019	FY 2019-2020	TOTAL	Beyond
Drainage and Stormwater Program (MS4 VPDES Permit)	125	$ 135,000	$ 135,000	$ 135,000	$ 135,000	$ 135,000	$ 675,000	
Stormwater Improvement Plan	126	$ 100,000	$ 100,000	$ 100,000			$ 300,000	
Waterman Dr. Storm Drain Improvements	127				$ 260,000	$ 750,000	$ 1,010,000	$ 2,600,000
E. Market St. Regenerative Conveyance Channel	128	$ 900,000					$ 900,000	
Downtown Bioretention&Bump-Outs	129	$ 40,000	$ 40,000	$ 40,000	$ 40,000		$ 160,000	
Lucy Simms/Ralph Sampson Park Stormwater Improvement Projects	130		$ 200,000				$ 200,000	
TOTAL STORMWATER FUND		**$ 1,175,000**	**$ 475,000**	**$ 275,000**	**$ 435,000**	**$ 885,000**	**$ 3,245,000**	**$ 2,600,000**
Potential Other Funding, Excluding Bond Funds, Not Included in Available Revenues		**$ (450,000)**					**$ (450,000)**	
TOTAL NEEDED FROM STORMWATER FUND		**$ 725,000**	**$ 475,000**	**$ 275,000**	**$ 435,000**	**$ 885,000**	**$ 2,795,000**	**$ 2,600,000**
TOTAL AVAILABLE FROM STORMWATER FUND		**$ 1,423,704**	**$ 1,439,102**	**$ 1,437,550**	**$ 2,190,221**	**$ 1,961,039**	**$ 8,451,616**	

CITY OF HARRISONBURG

5 Year Capital Improvement Request by Fund

Priority 1 and 2 Projects by Fund

FY 2016 through FY 2020

FUND	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	TOTAL
General Fund	$ 25,565,195	$ 14,449,240	$ 24,389,810	$ 18,062,900	$ 6,518,100	$ 88,985,245
School Fund	$ 46,725,000	$ 57,800,000	$ 42,050,000	$ 21,400,000	$ 300,000	$ 168,275,000
Water	$ 4,814,014	$ 21,511,669	$ 162,525	$ 858,795	$ 460,990	$ 27,807,993
Sewer	$ 555,000	$ 767,000	$ 540,000	$ 575,000	$ 575,000	$ 3,012,000
School Transportation	$ 300,000	$ 300,000	$ 325,000	$ 440,000	$ 450,000	$ 1,815,000
Public Transportation	$ 1,640,000	$ 960,000	$ 1,762,000	$ 880,000	$ 3,278,000	$ 8,520,000
Sanitation Fund	$ 130,000	$ 335,000	$ 140,000	$ 345,000	$ 150,000	$ 1,100,000
Stormwater Fund	$ 1,175,000	$ 475,000	$ 275,000	$ 435,000	$ 885,000	$ 3,245,000
Subtotal	**$ 80,904,209**	**$ 96,597,909**	**$ 69,644,335**	**$ 42,996,695**	**$ 12,617,090**	**$ 302,760,238**
Total Available from Other Sources (Includes anticipated bond funds not included in available funds)	$ (60,013,386)	$ (81,655,169)	$ (55,378,325)	$ (36,425,795)	$ (5,736,190)	$ (239,208,865)
TOTAL NEEDED BY ALL FUNDS	**$ 20,890,823**	**$ 14,942,740**	**$ 14,266,010**	**$ 6,570,900**	**$ 6,880,900**	**$ 63,551,373**
TOTAL AVAILABLE FROM ALL FUNDS	**$ 4,541,043**	**$ 4,141,094**	**$ 4,293,069**	**$ 4,658,827**	**$ 4,831,709**	**$ 22,465,742**

CITY OF HARRISONBURG

5 Year Capital Improvement Request by Department

FY 2016 through FY 2020

DEPARTMENT	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	TOTAL
Information Technology	$ 675,000	$ 1,750,000	$ 1,200,000			$ 3,625,000
Police	$ 1,290,336					$ 1,290,336
Fire	$ 1,071,015	$ 1,163,642	$ 378,420	$ 698,210	$ 1,270,410	$ 4,581,697
Emergency Communications Center	$ 1,973,744					$ 1,973,744
General Properties	$ 1,250,000	$ 2,922,000				$ 4,172,000
Public Works	$ 20,177,000	$ 10,275,500	$ 29,548,600	$ 18,496,500	$ 18,767,700	$ 97,265,300
Parks and Recreation	$ 2,328,100	$ 4,147,530	$ 1,172,000	$ 482,400	$ 305,400	$ 8,435,430
Community Development			$ 125,000			$ 125,000
Parking Services		$ 340,000	$ 2,950,000	$ 6,400,000		$ 9,690,000
Schools	$ 46,725,000	$ 57,800,000	$ 42,050,000	$ 21,400,000	$ 300,000	$ 168,275,000
Water	$ 4,814,014	$ 21,511,669	$ 162,525	$ 858,795	$ 460,990	$ 27,807,993
Sewer	$ 555,000	$ 767,000	$ 540,000	$ 575,000	$ 575,000	$ 3,012,000
Transportation (combined School and Transit)	$ 1,940,000	$ 1,260,000	$ 2,087,000	$ 1,320,000	$ 3,728,000	$ 10,335,000
Sanitation	$ 1,605,000	$ 1,265,000	$ 200,000	$ 945,000	$ 600,000	$ 4,615,000
Stormwater	$ 1,175,000	$ 475,000	$ 275,000	$ 435,000	$ 885,000	$ 3,245,000
Subtotal	**$ 85,579,209**	**$ 103,677,341**	**$ 80,688,545**	**$ 51,610,905**	**$ 26,892,500**	**$ 348,448,500**
Total Available from Other Sources (Includes anticipated bond funds not included in available funds)	$ (61,663,386)	$ (84,587,169)	$ (62,418,325)	$ (41,925,795)	$ (14,236,190)	$(264,830,865)
TOTAL NEEDED BY ALL DEPTS.	**$ 23,915,823**	**$ 19,090,172**	**$ 18,270,220**	**$ 9,685,110**	**$ 12,656,310**	**$ 83,617,635**
TOTAL AVAILABLE FROM ALL FUNDS	**$ 4,541,043**	**$ 4,141,094**	**$ 4,293,069**	**$ 4,658,827**	**$ 4,831,709**	**$ 22,465,742**

CITY OF HARRISONBURG

5 Year Capital Improvement Request by Fund

FY 2016 through FY 2020

FUND	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	TOTAL
General Fund	$ 28,765,195	$ 20,598,672	$ 35,374,020	$ 26,077,110	$ 20,343,510	$ 131,158,507
Schools	$ 46,725,000	$ 57,800,000	$ 42,050,000	$ 21,400,000	$ 300,000	$ 168,275,000
Water	$ 4,814,014	$ 21,511,669	$ 162,525	$ 858,795	$ 460,990	$ 27,807,993
Sewer	$ 555,000	$ 767,000	$ 540,000	$ 575,000	$ 575,000	$ 3,012,000
School Transportation	$ 300,000	$ 300,000	$ 325,000	$ 440,000	$ 450,000	$ 1,815,000
Public Transportation	$ 1,640,000	$ 960,000	$ 1,762,000	$ 880,000	$ 3,278,000	$ 8,520,000
Sanitation	$ 1,605,000	$ 1,265,000	$ 200,000	$ 945,000	$ 600,000	$ 4,615,000
Stormwater	$ 1,175,000	$ 475,000	$ 275,000	$ 435,000	$ 885,000	$ 3,245,000
Subtotal	**$ 85,579,209**	**$ 103,677,341**	**$ 80,688,545**	**$ 51,610,905**	**$ 26,892,500**	**$ 348,448,500**
Total Available from Other Sources (Includes anticipated bond funds not included in available funds)	$ (61,663,386)	$ (84,587,169)	$ (62,418,325)	$ (41,925,795)	$ (14,236,190)	$(264,830,865)
TOTAL NEEDED BY ALL FUNDS	**$ 23,915,823**	**$ 19,090,172**	**$ 18,270,220**	**$ 9,685,110**	**$ 12,656,310**	**$ 83,617,635**
TOTAL AVAILABLE FROM ALL FUNDS	**$ 4,541,043**	**$ 4,141,094**	**$ 4,293,069**	**$ 4,658,827**	**$ 4,831,709**	**$ 22,465,742**

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Work Order/Asset Management System
Project Code: IT-SP009
Project Priority: Priority 2 **Project Type:** RENOVATION **Start Date (FYE):** FY2016
Department: 122011 **Status:** Active **Completion Date (FYE):** FY2016

Description:

Perform a needs assessment for an enterprise-wide system that can be used to track assets and issue work orders. This system will benefit departments by allowing enterprise notice of work projects, which will allow different departments to coordinate work efforts at certain locations and reduce the cost of prepping and remediating work spaces.

Explanation:

Perform a needs assessment for departments which utilize paperbased or electronic work orders. This assessment will include process workflow, asset management, and technical requirements for an enterprise system. We will then develop an RFP in order to assess and procure a best of class solution for the City.

Alternative:

Continue to perform work in departmental silo utilizing disparate or paper based systems.

Justifications:

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

Goals/Objectives/ Strategies:

S 8.3.1
S 8.4.3
S 8.4.5
S 8.4.6
O 9.1
S 9.2.1
S 9.6.4
S 10.1.7
S 10.1.8
S 10.1.9
S 10.1.11
O 11.1
S 11.2.1
S 11.2.2
S 11.2.3
O 11.3
S 11.7.1
O 12.1

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning		$150,000						$150,000
Land								$0
Construction								$0
Equipment		$200,000						$200,000
Other Expenses								$0
Total	$0	$350,000	$0	$0	$0	$0	$0	$350,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue		$250,000						$250,000
Enterprise Revenue		$100,000						$100,000
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$350,000	$0	$0	$0	$0	$0	$350,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating			$35,000	$35,000	$35,000	$35,000		$140,000
Capital								$0
Offsets								$0
Total	$0	$0	$35,000	$35,000	$35,000	$35,000	$0	$140,000

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Community Development Software
Project Code: IT-SP007
Project Priority: Priority 2 **Project Type:** IMPROVEMENT **Start Date (FYE):** FY2016
Department: 122011 **Status:** Active **Completion Date (FYE):** FY2016

Description:

Create a system that can be used for permitting, inspection, code enforcement, planning and zoning applications. This system will leverage the GIS data maintained by the City and allow inspectors and contractors easier access and better communications.

Justifications:

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

Explanation:

The current software only covers permitting and inspections. Planning and code enforcement are handled through separate databases. This creates situations where the employees cannot efficiently access information on land parcels in the performance of there duties. The process will include gathering stakeholders to develop functional and technical requirements, developing an RFP, negotiating and acquisition of a new system.

Alternative:

Continue to use the current application in its current inefficient state.

Goals/Objectives/ Strategies:

S 1.4.2
S 1.4.3
O 1.5
S 1.7.1
S 1.7.2
O 2.2
S 3.1.3
S 3.2.3
S 3.3.3
S 8.3.1
O 9.2
S 10.1.7
O 11.3
S 15.3.1

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning		$100,000						$100,000
Land								$0
Construction								$0
Equipment		$150,000						$150,000
Other Expenses								$0
Total	$0	$250,000	$0	$0	$0	$0	$0	$250,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue		$250,000						$250,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$250,000	$0	$0	$0	$0	$0	$250,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating			$37,500	$37,500	$37,500	$37,500	$38	$150,038
Capital								$0
Offsets								$0
Total	$0	$0	$37,500	$37,500	$37,500	$37,500	$38	$150,038

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Financial Needs Assessment
Project Code: IT-SP004
Project Priority: Priority 2 **Project Type:** IMPROVEMENT **Start Date (FYE):** FY2016
Department: 122011 **Status:** Active **Completion Date (FYE):** FY2016

Description:

Perform Audit and Analysis on current financial software system.

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 a 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 the users needs.

Justifications:

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

Goals/Objectives/ Strategies:

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S 10.2.10
S 11.3.10
S 11.4.2
S 14.1.4

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning		$75,000	$250,000					$325,000
Land								$0
Construction								$0
Equipment			$600,000					$600,000
Other Expenses								$0
Total	$0	$75,000	$850,000	$0	$0	$0	$0	$925,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue		$75,000						$75,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$75,000	$0	$0	$0	$0	$0	$75,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating				$75,000	$75,000	$75,000	$75,000	$300,000
Capital								$0
Offsets								$0
Total	$0	$0	$0	$75,000	$75,000	$75,000	$75,000	$300,000

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Training Management Software
Project Code: IT-SP006
Project Priority: Priority 2 **Project Type:** IMPROVEMENT **Start Date (FYE):** FY2017
Department: 122011 **Status:** Active **Completion Date (FYE):** FY2017

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 in regards to 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.

Alternative:

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

Goals/Objectives/ Strategies:

S 3.2.3
O 5.4
S 11.3.1
S 11.6.2
S 17.3.5

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction								$0
Equipment			$100,000					$100,000
Other Expenses								$0
Total	$0	$0	$100,000	$0	$0	$0	$0	$100,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue			$100,000					$100,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$100,000	$0	$0	$0	$0	$100,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating			$20,000	$20,000	$20,000	$20,000	$20,000	$100,000
Capital								$0
Offsets								$0
Total	$0	$0	$20,000	$20,000	$20,000	$20,000	$20,000	$100,000

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: New Water Billing Software
Project Code: IT-NSP01
Project Priority: Priority 2 **Project Type:** REPLACEMENT **Start Date (FYE):** FY2017
Department: 122011 **Status:** Active **Completion Date (FYE):** FY2017

Description:

Replace the current Utility Billing System.

Explanation:

The current Utility Billing software is 12 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.

Justifications:

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

Goals/Objectives/ Strategies:

O 11.1
O 11.2
S 11.5.9
O 11.7
O 12.1

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning			$800,000					$800,000
Land								$0
Construction								$0
Equipment								$0
Other Expenses								$0
Total	$0	$0	$800,000	$0	$0	$0	$0	$800,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	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
Total	$0	$0	$800,000	$0	$0	$0	$0	$800,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating				$120,000	$120,000			$240,000
Capital								$0
Offsets								$0
Total	$0	$0	$0	$120,000	$120,000	$0	$0	$240,000

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Electronic Time Entry System
Project Code: IT-SP010
Project Priority: Priority 2 **Project Type:** ADDITION & REPLACEMENT **Start Date (FYE):** FY2017
Department: 122011 **Status:** Active **Completion Date (FYE):** FY2017

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	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction								$0
Equipment				$300,000				$300,000
Other Expenses								$0
Total	$0	$0	$0	$300,000	$0	$0	$0	$300,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	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
Total	$0	$0	$0	$300,000	$0	$0	$0	$300,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating				$45,000	$45,000	$45,000		$135,000
Capital								$0
Offsets								$0
Total	$0	$0	$0	$45,000	$45,000	$45,000	$0	$135,000

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Document Management System
Project Code: IT-SP008
Project Priority: Priority 2 **Project Type:** ADDITION **Start Date (FYE):** FY2018
Department: 122011 **Status:** Active **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.

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.

Justifications:

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

Goals/Objectives/ Strategies:

O 8.5
S 11.5.3
S 11.5.5

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction								$0
Equipment				$500,000				$500,000
Other Expenses								$0
Total	$0	$0	$0	$500,000	$0	$0	$0	$500,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue				$500,000				$500,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$0	$500,000	$0	$0	$0	$500,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating					$75,000	$75,000	$75,000	$225,000
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$75,000	$75,000	$75,000	$225,000

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Egov System
Project Code: IT-SP011
Project Priority: Priority 2 **Project Type:** ADDITION & REPLACEMENT **Start Date (FYE):** FY2018
Department: 122011 **Status:** Active **Completion Date (FYE):** FY2018

Description:

Develop a system for online and in-person credit card payments, Business license and Trust tax reporting and renewals, and business personal property reporting.

Explanation:

Currently the City provides access for payment of Personal Property, Real Estate , and Water Bills. The City wishes to expand these services to all bill types, as well as creating a method for citizens to pay in person at the treasurer's office. as well as better enhance Commissioner services to local businesses by allowing renewals and reporting of receipts in a secure environment

Alternative:

Continue to develop payment and reporting services in-house as time and resources permit. Refuse Treasurer's request to allow credit card payments in person.

Justifications:

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

Goals/Objectives/ Strategies:

S 6.1.4

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction								$0
Equipment				$150,000				$150,000
Other Expenses								$0
Total	$0	$0	$0	$150,000	$0	$0	$0	$150,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue				$150,000				$150,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$0	$150,000	$0	$0	$0	$150,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating					$22,500	$22,500	$22,500	$67,500
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$22,500	$22,500	$22,500	$67,500

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Citizen Inquiry Application
Project Code: IT-SP012
Project Priority: Priority 2 **Project Type:** ADDITION & RENOVATION **Start Date (FYE):** FY2018
Department: 122011 **Status:** Active **Completion Date (FYE):** FY2018

Description:

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

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.

Justifications:

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

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	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction								$0
Equipment				$250,000				$250,000
Other Expenses								$0
Total	$0	$0	$0	$250,000	$0	$0	$0	$250,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue				$250,000				$250,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$0	$250,000	$0	$0	$0	$250,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating					$37,500	$37,500	$37,500	$112,500
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$37,500	$37,500	$37,500	$112,500

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: HPD Records Management & Crime Analysis System
Project Code: CIP2014
Project Priority: Priority 2 **Project Type:** REPLACEMENT **Start Date (FYE):** 2014
Department: 310431 **Status:** Active **Completion Date (FYE):** 2014

Description:

Replacement of the Harrisonburg Police Department (HPD) Records Management System

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 company does not employ adequate staff in terms of personnel either in number or background (law-enforcement). Also, it 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 user from access to their computer during this time.
Many of the company's current law enforcement agencies are seeking a new product due to the lack of software development and extremely poor support response time. HPD is by far their largest customer. Although every patrol car is outfitted with a computer (MDT) the software does not allow for the ability for officers to write a report in their car which is standard practice in LE. Instead, each officer must return to the PD in order to write a police report.

Alternative:

There is not a workable solution. The current RMS system/company does not have the resources to develop, implement or support a mid-size, police department employing crime, traffic and data analysis systems.

Justifications:

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

Goals/Objectives/ Strategies:

G 1
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
O 15.3
S 15.3.1
O 16.3

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning		$80,000						$80,000
Land								$0
Construction								$0
Equipment		$900,000						$900,000
Other Expenses								$0
Total	$0	$980,000	$0	$0	$0	$0	$0	$980,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue		$980,000						$980,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$980,000	$0	$0	$0	$0	$0	$980,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating		$80,000	$80,000	$80,000	$80,000	$80,000	$80,000	$480,000
Capital								$0
Offsets								$0
Total	$0	$80,000	$80,000	$80,000	$80,000	$80,000	$80,000	$480,000

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Firearms range and classroom relocation
Project Code: PD1
Project Priority: Priority 2 **Project Type:** REPLACEMENT **Start Date (FYE):** 2016
Department: 310231 **Status:** Active **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.

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.

Alternative:

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

Justifications:

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

Goals/Objectives/ Strategies:

O 13.3

Expenditures:	Prior	2016	2017	2018	2019	2020	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	2016	2017	2018	2019	2020	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	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Fire Engine Replacement
Project Code: FER
Project Priority: Priority 2 **Project Type:** NEW **Start Date (FYE):** 2016
Department: 320132 **Status:** Active **Completion Date (FYE):** 2018

Description:

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

Explanation:

Engine 26 will be 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 mechancially sound, until such time as it needs to be replaced.

Justifications:

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

Goals/Objectives/ Strategies:

G 13

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction								$0
Equipment		$189,210	$189,210	$189,210				$567,630
Other Expenses								$0
Total	$0	$189,210	$189,210	$189,210	$0	$0	$0	$567,630

Funding Sources:	Prior	2016	2017	2018	2019	2020	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
Total	$0	$189,210	$189,210	$189,210	$0	$0	$0	$567,630

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: FIRE STATION 5 (PARK VIEW)
Project Code: FS5
Project Priority: Priority 3 **Project Type:** NEW **Start Date (FYE):** 2017
Department: 320132 **Status:** Active **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:

G 13
S 13.3.2

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning			$55,157					$55,157
Land								$0
Construction			$919,275					$919,275
Equipment								$0
Other Expenses								$0
Total	$0	$0	$974,432	$0	$0	$0	$0	$974,432

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue			$974,432					$974,432
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$974,432	$0	$0	$0	$0	$974,432

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel			$728,824	$743,400	$758,268	$773,433		$3,003,925
Operating			$15,202	$15,962	$16,761	$17,598		$65,523
Capital								$0
Offsets								$0
Total	$0	$0	$744,026	$759,362	$775,029	$791,031	$0	$3,069,448

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: FIRE ENGINE - STATION 5
Project Code: FE5
Project Priority: Priority 3 **Project Type:** NEW **Start Date (FYE):** 2018
Department: 320132 **Status:** Active **Completion Date (FYE):** 2020

Description:

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

Explanation:

Provides better response times to that area of the City.

Justifications:

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

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	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction								$0
Equipment				$189,210	$189,210	$189,210		$567,630
Other Expenses								$0
Total	$0	$0	$0	$189,210	$189,210	$189,210	$0	$567,630

Funding Sources:	Prior	2016	2017	2018	2019	2020	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
Total	$0	$0	$0	$189,210	$189,210	$189,210	$0	$567,630

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating				$3,945	$4,143	$4,350		$12,438
Capital								$0
Offsets								$0
Total	$0	$0	$0	$3,945	$4,143	$4,350	$0	$12,438

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Renovation Fire Sta. 1
Project Code: RFS1
Project Priority: Priority 2 **Project Type:** RENOVATION **Start Date (FYE):** 2016
Department: 320132 **Status:** Active **Completion Date (FYE):** 2017

Description:

Renovate the interior of Fire Station 1 on Maryland Avenue to accommodate the number of personnel assigned to the station.

Explanation:

Fire Station 1 was built in 1970 and the interior was designed for the 2 personnel assigned at that time. There are currently 7- 10 personnel occupying the station. Areas for activities such as living, sleeping, office and storage are extremely inadequate.

Alternative:

Construction of a new fire station which would be much more costly.

Justifications:

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

Goals/Objectives/ Strategies:

O 13.3

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning		$69,615						$69,615
Land								$0
Construction		$812,190						$812,190
Equipment								$0
Other Expenses								$0
Total	$0	$881,805	$0	$0	$0	$0	$0	$881,805

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue		$661,805						$661,805
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund		$200,000						$200,000
Other Revenue								$0
Total	$0	$861,805	$0	$0	$0	$0	$0	$861,805

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Structural Burn Building
Project Code: SBB
Project Priority: Priority 3 **Project Type:** NEW **Start Date (FYE):** 2020
Department: 320132 **Status:** Active **Completion Date (FYE):** 2021

Description:

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

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.

Justifications:

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

Goals/Objectives/ Strategies:

O 13.3

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning						$61,200		$61,200
Land								$0
Construction						$1,020,000		$1,020,000
Equipment								$0
Other Expenses								$0
Total	$0	$0	$0	$0	$0	$1,081,200	$0	$1,081,200

Funding Sources:	Prior	2016	2017	2018	2019	2020	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
Total	$0	$0	$0	$0	$0	$1,081,200	$0	$1,081,200

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Self Contained Breathing Apparatus Replacement
Project Code: SCBAR
Project Priority: Priority 1 **Project Type:** REPLACEMENT **Start Date (FYE):** 2019
Department: 320132 **Status:** Active **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	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction								$0
Equipment					$509,000			$509,000
Other Expenses								$0
Total	$0	$0	$0	$0	$509,000	$0	$0	$509,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue					$509,000			$509,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$0	$0	$509,000	$0	$0	$509,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Replace Voice Logging/Recorder
Project Code: HRECC1
Project Priority: Priority 1 **Project Type:** IMPROVEMENT **Start Date (FYE):** 2016
Department: 321132 **Status:** Active **Completion Date (FYE):** 2016

Description:

HRECC's logging recording must be upgraded to be compatible with the new radio and 9-1-1 systems.

Explanation:

Upgrades to transition from the EDACS-IP protocol (no longer supported effective 2016) to the P25 radio protocol and prepare to log text to 9-1-1 calls. This is original equipment installed in 2007. Note that the entire project cost is presented. City of Harrisonburg share will be 50% of total project after VITA grant award of $150,000. "Other revenue" shown is County share.

Alternative:

Justifications:

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

Goals/Objectives/ Strategies:

G 13

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction								$0
Equipment		$282,000						$282,000
Other Expenses								$0
Total	$0	$282,000	$0	$0	$0	$0	$0	$282,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue		$66,000						$66,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants		$150,000						$150,000
Capital Project Fund								$0
Other Revenue		$66,000						$66,000
Total	$0	$282,000	$0	$0	$0	$0	$0	$282,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating		$3,000	$3,000	$3,000	$3,000	$3,000	$3,000	$18,000
Capital								$0
Offsets								$0
Total	$0	$3,000	$3,000	$3,000	$3,000	$3,000	$3,000	$18,000

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Computer Aided Dispatch System
Project Code: HRECC5
Project Priority: Priority 1 **Project Type:** REPLACEMENT **Start Date (FYE):** 2016
Department: 321132 **Status:** Active **Completion Date (FYE):** 2016

Description:

Replace CAD as a result of major system software upgrade.

Explanation:

DAPRO, the ECC's CAD vendor has not had a major upgrade/improvement of the system since our original purchase in 2005. This is a mandatory purchase to maintain vendor support. Alternatives to DAPRO may be investigated. Note that the entire project cost is presented. City of Harrisonburg share will be 50% and County share is shown as "other revenue."

Alternative:

Justifications:

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

Goals/Objectives/ Strategies:

G 13

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction								$0
Equipment		$195,000						$195,000
Other Expenses								$0
Total	$0	$195,000	$0	$0	$0	$0	$0	$195,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue		$97,500						$97,500
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue		$97,500						$97,500
Total	$0	$195,000	$0	$0	$0	$0	$0	$195,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Upgrade Radio System Core
Project Code: HRECC4
Project Priority: Priority 1 **Project Type:** REPLACEMENT **Start Date (FYE):** 2016
Department: 321132 **Status:** Active **Completion Date (FYE):** 2016

Description:

Initiate mandatory radio system upgrade by replacing core equipment, the system network switch and radio consoles

Justifications:

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

Explanation:

The manufacturer has changed their architecture to permit a phased approach and financial incentives for certain equipment replacement now versus waiting until the mandatory 2016 deadline.
Note that the total project cost is presented. City of Harrisonburg share will be 50% of total, with County share shown as "other revenue.'

Alternative:

Goals/Objectives/ Strategies:

G 13

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction								$0
Equipment		$1,496,744						$1,496,744
Other Expenses								$0
Total	$0	$1,496,744	$0	$0	$0	$0	$0	$1,496,744

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue		$748,372						$748,372
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue		$748,372						$748,372
Total	$0	$1,496,744	$0	$0	$0	$0	$0	$1,496,744

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating		$10,000						$10,000
Capital								$0
Offsets								$0
Total	$0	$10,000	$0	$0	$0	$0	$0	$10,000

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Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Renovation of Old Municipal Building
Project Code: MGR3
Project Priority: Priority 2 **Project Type:** RENOVATION **Start Date (FYE):** 2016
Department: 430221 **Status:** Active **Completion Date (FYE):** 2017

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	2016	2017	2018	2019	2020	Future	Total
Planning		$250,000						$250,000
Land								$0
Construction			$2,500,000					$2,500,000
Equipment								$0
Other Expenses								$0
Total	$0	$250,000	$2,500,000	$0	$0	$0	$0	$2,750,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue								$0
Enterprise Revenue								$0
Bond Proceeds			$2,500,000					$2,500,000
Grants								$0
Capital Project Fund		$250,000						$250,000
Other Revenue								$0
Total	$0	$250,000	$2,500,000	$0	$0	$0	$0	$2,750,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating			$90,000	$91,800	$93,600	$95,400	$97,300	$468,100
Capital								$0
Offsets								$0
Total	$0	$0	$90,000	$91,800	$93,600	$95,400	$97,300	$468,100

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Harrison House Renovations
Project Code: MGR4
Project Priority: Priority 3 **Project Type:** RENOVATION **Start Date (FYE):** 2015
Department: 430221 **Status:** Active **Completion Date (FYE):** 2017

Description:

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

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.

Justifications:

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

Goals/Objectives/ Strategies:

G 7
O 7.4

Expenditures:	Prior	2016	2017	2018	2019	2020	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
Total	$565,000	$1,000,000	$422,000	$0	$0	$0	$0	$1,987,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	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
Total	$565,000	$1,000,000	$422,000	$0	$0	$0	$0	$1,987,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating				$10,000	$11,000	$12,000	$12,000	$45,000
Capital								$0
Offsets								$0
Total	$0	$0	$0	$10,000	$11,000	$12,000	$12,000	$45,000

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Street Division Equipment & Vehicle Replacement Program
Project Code: PWST1
Project Priority: Priority 2 **Project Type:** REPLACEMENT **Start Date (FYE):** 2016
Department: 410241 **Status:** Active **Completion Date (FYE):** ongoing

Description:

Program to replace equipment and vehicles in the Street Division in order to maintain levels of service.

Explanation:

Please see attached list for replacement schedule.

Alternative:

Lease equipment or outsource public works projects.

Justifications:

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

Goals/Objectives/ Strategies:

G 11
O 18.5

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction								$0
Equipment		$437,000	$423,500	$493,600	$416,500	$592,700		$2,363,300
Other Expenses								$0
Total	$0	$437,000	$423,500	$493,600	$416,500	$592,700	$0	$2,363,300

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue		$437,000	$423,500	$493,600	$416,500	$592,700		$2,363,300
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$437,000	$423,500	$493,600	$416,500	$592,700	$0	$2,363,300

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
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):** 2017

Description:

Replace (2) two bridges over Sieberts Creek.

Explanation:

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

Alternative:

Post weight limits.

Justifications:

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

Goals/Objectives/ Strategies:

G 10
O 10.1
S 10.1.7
S 10.1.9

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning			$150,000					$150,000
Land			$100,000					$100,000
Construction			$750,000					$750,000
Equipment								$0
Other Expenses								$0
Total	$0	$0	$1,000,000	$0	$0	$0	$0	$1,000,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	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
Total	$0	$0	$1,000,000	$0	$0	$0	$0	$1,000,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: PLEASANT VALLEY ROAD BRIDGE (43372)
Project Code: PWSTBG07
Project Priority: Priority 1 **Project Type:** ADDITION & REPLACEMENT **Start Date (FYE):** 2015
Department: 410241 **Status:** Active **Completion Date (FYE):** 2016

Description:

Replace bridge and reconstruction 300' of roadway in each direction. Typical section for bridge will be three (3) lanes, bicycle lanes, curb and gutter, and sidewalks.

Explanation:

Widen and Strengthen structure to support existing and future truck traffic.

Alternative:

Post weight limit and numerous structural repairs that have been identified during bi-annual inspections. Increase inspection frequency to an annual basis.

Justifications:

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

Goals/Objectives/ Strategies:

G 10
O 10.1
S 10.1.7
S 10.1.9
O 10.2
S 10.2.1

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning	$250,000							$250,000
Land								$0
Construction		$1,500,000						$1,500,000
Equipment								$0
Other Expenses								$0
Total	$250,000	$1,500,000	$0	$0	$0	$0	$0	$1,750,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue	$250,000	$1,500,000						$1,750,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$250,000	$1,500,000	$0	$0	$0	$0	$0	$1,750,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
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.

Explanation:

Recommended by annual bridge inspection program. Funds by Railroad.

Alternative:

Restrict weight limit on structure restricting all trucks.

Justifications:

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

Goals/Objectives/ Strategies:

G 10
O 10.1
S 10.1.7

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning			$275,000					$275,000
Land			$300,000					$300,000
Construction				$1,300,000				$1,300,000
Equipment								$0
Other Expenses								$0
Total	$0	$0	$575,000	$1,300,000	$0	$0	$0	$1,875,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	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
Total	$0	$0	$575,000	$1,300,000	$0	$0	$0	$1,875,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Annual Street Paving Program (43374, 43376)
Project Code: PWSTPA1
Project Priority: Priority 2 **Project Type:** REPLACEMENT **Start Date (FYE):** 2010
Department: 410241 **Status:** Active **Completion Date (FYE):** ongoing

Description:

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

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, 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.

Justifications:

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

Goals/Objectives/ Strategies:

G 10
O 10.1
S 10.1.8

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction	$2,050,000	$2,000,000	$2,000,000	$2,000,000	$2,100,000	$2,200,000		$12,350,000
Equipment								$0
Other Expenses								$0
Total	$2,050,000	$2,000,000	$2,000,000	$2,000,000	$2,100,000	$2,200,000	$0	$12,350,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue	$2,050,000	$2,000,000	$2,000,000	$2,000,000	$2,100,000	$2,200,000		$12,350,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$2,050,000	$2,000,000	$2,000,000	$2,000,000	$2,100,000	$2,200,000	$0	$12,350,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Equipment Replacement
Project Code: PWTE1
Project Priority: Priority 2 **Project Type:** REPLACEMENT **Start Date (FYE):** 2018
Department: 410741 **Status:** Active **Completion Date (FYE):** 2018

Description:

Replace 1991 Center line paint truck #726

Explanation:

For the safety of the public and liability. Paint truck needed to
paint centerline markings on streets.

Alternative:

Limit Services on outsource line painting

Justifications:

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

Goals/Objectives/ Strategies:

G 10

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction								$0
Equipment				$375,000				$375,000
Other Expenses								$0
Total	$0	$0	$0	$375,000	$0	$0	$0	$375,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue				$375,000				$375,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$0	$375,000	$0	$0	$0	$375,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
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.

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.

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	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land					$25,000			$25,000
Construction					$225,000			$225,000
Equipment								$0
Other Expenses								$0
Total	$0	$0	$0	$0	$250,000	$0	$0	$250,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue					$125,000			$125,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue					$125,000			$125,000
Total	$0	$0	$0	$0	$250,000	$0	$0	$250,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
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):** 2016
Department: 410741 **Status:** Active **Completion Date (FYE):** 2016

Description:

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

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.

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	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land		$25,000						$25,000
Construction		$225,000						$225,000
Equipment								$0
Other Expenses								$0
Total	$0	$250,000	$0	$0	$0	$0	$0	$250,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue		$125,000						$125,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue		$125,000						$125,000
Total	$0	$250,000	$0	$0	$0	$0	$0	$250,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
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):** 2017
Department: 410741 **Status:** Active **Completion Date (FYE):** 2017

Description:

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

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

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	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land			$25,000					$25,000
Construction			$225,000					$225,000
Equipment								$0
Other Expenses								$0
Total	$0	$0	$250,000	$0	$0	$0	$0	$250,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue			$125,000					$125,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue			$125,000					$125,000
Total	$0	$0	$250,000	$0	$0	$0	$0	$250,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Stone Springs 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 Springs Rd. &Ramblewood Rd. 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	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land				$25,000				$25,000
Construction				$225,000				$225,000
Equipment								$0
Other Expenses								$0
Total	$0	$0	$0	$250,000	$0	$0	$0	$250,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue				$125,000				$125,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue				$125,000				$125,000
Total	$0	$0	$0	$250,000	$0	$0	$0	$250,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: University Blvd. & Deyerle Ave.
Project Code: PWTELN05
Project Priority: Priority 3 **Project Type:** NEW **Start Date (FYE):** 2017
Department: 410741 **Status:** Active **Completion Date (FYE):** 2017

Description:

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

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:

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	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land			$25,000					$25,000
Construction			$225,000					$225,000
Equipment								$0
Other Expenses								$0
Total	$0	$0	$250,000	$0	$0	$0	$0	$250,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue			$215,000					$215,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue			$35,000					$35,000
Total	$0	$0	$250,000	$0	$0	$0	$0	$250,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Mt. Clinton Pike & Tech Dr.
Project Code: PWTELN06
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 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	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction				$225,000				$225,000
Equipment								$0
Other Expenses								$0
Total	$0	$0	$0	$225,000	$0	$0	$0	$225,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue				$225,000				$225,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$0	$225,000	$0	$0	$0	$225,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Mt Clinton Pike & Acorn Dr.
Project Code: PWTELN07
Project Priority: Priority 3 **Project Type:** ADDITION **Start Date (FYE):** 2019
Department: 410741 **Status:** Active **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	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land					$25,000			$25,000
Construction					$225,000			$225,000
Equipment								$0
Other Expenses								$0
Total	$0	$0	$0	$0	$250,000	$0	$0	$250,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue					$125,000			$125,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue					$125,000			$125,000
Total	$0	$0	$0	$0	$250,000	$0	$0	$250,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
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):** 2016
Department: 410741 **Status:** Active **Completion Date (FYE):** 2016

Description:

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

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 minimun clearance requirement

Alternative:

NONE

Justifications:

Mandated
x-Remove hazards
x-Maintains service
x-Increase efficiency
Increase revenues
x-Improves service
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	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land		$25,000						$25,000
Construction		$225,000						$225,000
Equipment								$0
Other Expenses								$0
Total	$0	$250,000	$0	$0	$0	$0	$0	$250,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue		$250,000						$250,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$250,000	$0	$0	$0	$0	$0	$250,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
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 Av..

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.

Alternative:

Justifications:

Mandated
x-Remove hazards
x-Maintains service
x-Increase efficiency
Increase revenues
x-Improves service
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	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land				$25,000				$25,000
Construction				$675,000				$675,000
Equipment								$0
Other Expenses								$0
Total	$0	$0	$0	$700,000	$0	$0	$0	$700,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	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
Total	$0	$0	$0	$700,000	$0	$0	$0	$700,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: LED Illuminated Street Sign Program
Project Code: PWTESN01
Project Priority: Priority 3 **Project Type:** IMPROVEMENT **Start Date (FYE):** 2016
Department: 410741 **Status:** Active **Completion Date (FYE):** 2020

Description:

To provide LED backlit street signs at signalized intersections on major street corridors.

Explanation:

To provide improved visibility and aesthetics of street signs at signalized intersections on major corridors. Street signs with a higher visibility can improve the overall safety of the roadway by reducing driver confusion. Program is currently at a 20% completion level.

Alternative:

Continue standard street sign program.

Justifications:

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

Goals/Objectives/ Strategies:

G 10

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction								$0
Equipment		$45,000	$45,000	$45,000	$45,000	$45,000		$225,000
Other Expenses								$0
Total	$0	$45,000	$45,000	$45,000	$45,000	$45,000	$0	$225,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue		$45,000	$45,000	$45,000	$45,000	$45,000		$225,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$45,000	$45,000	$45,000	$45,000	$45,000	$0	$225,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: SUPPORT ADDITIONS PURCHASING /CENTRAL STORES
Project Code: PWCS1
Project Priority: Priority 3 **Project Type:** NEW **Start Date (FYE):** 2017
Department: 772141 **Status:** Active **Completion Date (FYE):** 2017

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.

Explanation:

1. Expand existing building. - $332,000

Alternative:

NONE

Justifications:

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

Goals/Objectives/ Strategies:

G 8
O 8.3
S 8.3.1
G 11

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning			$32,000					$32,000
Land								$0
Construction			$300,000					$300,000
Equipment								$0
Other Expenses								$0
Total	$0	$0	$332,000	$0	$0	$0	$0	$332,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue			$332,000					$332,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$332,000	$0	$0	$0	$0	$332,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
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

Explanation:

Roof Replacments, Heating System upgrades, renovations of crew meeting &restroom area. Operation cost savings in heating fuel efficiency

Alternative:

Justifications:

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

Goals/Objectives/ Strategies:

G 8
O 8.3
S 8.3.1
G 11

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning			$15,000					$15,000
Land								$0
Construction			$235,000	$50,000				$285,000
Equipment								$0
Other Expenses								$0
Total	$0	$0	$250,000	$50,000	$0	$0	$0	$300,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue			$250,000	$50,000				$300,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$250,000	$50,000	$0	$0	$0	$300,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
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.

Explanation:

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

Alternative:

Maintain existing sidewalks and brick pavers.

Justifications:

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

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	2016	2017	2018	2019	2020	Future	Total
Planning	$200,000	$50,000		$300,000				$550,000
Land								$0
Construction	$1,100,000	$500,000		$2,000,000				$3,600,000
Equipment								$0
Other Expenses								$0
Total	$1,300,000	$550,000	$0	$2,300,000	$0	$0	$0	$4,150,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue	$420,000	$110,000		$460,000				$990,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants	$880,000	$440,000		$1,840,000				$3,160,000
Capital Project Fund								$0
Other Revenue								$0
Total	$1,300,000	$550,000	$0	$2,300,000	$0	$0	$0	$4,150,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
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.

Explanation:

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

Alternative:

Close Carpenter Ln.

Justifications:

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

Goals/Objectives/ Strategies:

G 10
S 10.1.9
S 10.2.9
O 10.7
S 10.7.1

Expenditures:	Prior	2016	2017	2018	2019	2020	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
Total	$0	$0	$0	$0	$250,000	$1,120,000	$0	$1,370,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	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
Total	$0	$0	$0	$0	$250,000	$1,120,000	$0	$1,370,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: PLEASANT VALLEY ROAD
Project Code: PWSTP03
Project Priority: Priority 3 **Project Type:** REPLACEMENT **Start Date (FYE):** 2018
Department: 9101 **Status:** Active **Completion Date (FYE):** Beyond

Description:

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

Explanation:

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

Alternative:

Build alternative new roadway as shown in Street Improvement Plan.

Justifications:

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

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	2016	2017	2018	2019	2020	Future	Total
Planning				$500,000	$250,000			$750,000
Land							$2,500,000	$2,500,000
Construction							$3,900,000	$3,900,000
Equipment								$0
Other Expenses								$0
Total	$0	$0	$0	$500,000	$250,000	$0	$6,400,000	$7,150,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue				$500,000	$250,000			$750,000
Enterprise Revenue								$0
Bond Proceeds							$6,400,000	$6,400,000
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$0	$500,000	$250,000	$0	$6,400,000	$7,150,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Sidewalk and Curb/Gutter Reconstruction (48106)
Project Code: PWSTP04
Project Priority: Priority 2 **Project Type:** ADDITION & REPLACEMENT **Start Date (FYE):** 2016
Department: 9101 **Status:** Active **Completion Date (FYE):** 2019

Description:

FY16
Water Street: Main St to Liberty/ Roosevelt Street: New York Ave to Maryland Ave/ Elizabeth Street: Myrtle St to Sterling Ave/ Lee Ave: Gay St to 3rd St

FY17
Green Street: N. Willow Dr to N. Dogwood/ Academy Street: W. Water St to W. Bruce St/ Brook Ave: W. Market to Bruce St/ Newman Ave: Bruce to Dead End/ Newman Ave: S. Main St to Mason St/ Gay St: Chicago to School Entrance/ Ott St: Paul to Dead End/ Ohio Ave: High to Chestnut/ Monument Dr: S. Main to Valley/ Sterling Street: Gay to Rock

FY18
Wolfe Street: N. Main to Bridge/ Sunrise Ave: Chestnut to Dogwood/ Maryland Ave: Central Ave to Roosevelt/ Bluestone St: Monument to Fry/ Hill Street: Kelly to Wolfe/ Myrtle Street: Gay to E. Market/ Myers Ave: Paul to Mountainview/ 3rd St: Collicello to N. Liberty/ Monument Drive: Valley to Butler

FY19
S. Dogwood: Neyland to Maryland/ Chestnut Dr: Sunrise to Neyland/ Wolfe St: Liberty to Chicago/ Maplehurst Ave: Hillcrest to S. Main/ Willow St: Wolfe to Gay/ 2nd St: Chicago to Collicello/ 1st St: Chicago to Collicello

FY20
Streets have yet to be finalized.

*Miscellaneous repairs each year downtown.

Justifications:

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

Goals/Objectives/ Strategies:

G 10
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O 10.2
S 10.2.9

Explanation:

Alternative:

To minimize general fund impact and where within the LMI designated areas, subsidize programmatic replacements with CDBG Funding.

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction		$150,000	$175,000	$180,000	$210,000	$210,000		$925,000
Equipment								$0
Other Expenses								$0
Total	$0	$150,000	$175,000	$180,000	$210,000	$210,000	$0	$925,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue		$150,000	$175,000	$180,000	$210,000	$210,000		$925,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$150,000	$175,000	$180,000	$210,000	$210,000	$0	$925,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: South Main Street (48718)
Project Code: PWSTP05
Project Priority: Priority 2 **Project Type:** ADDITION **Start Date (FYE):** 2018
Department: 9101 **Status:** Active **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.

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.

Justifications:

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

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	2016	2017	2018	2019	2020	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
Total	$0	$0	$0	$1,000,000	$5,000,000	$0	$6,300,000	$12,300,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	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
Total	$0	$0	$0	$1,000,000	$5,000,000	$0	$6,300,000	$12,300,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
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):** 2013
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.

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.

Justifications:

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

Goals/Objectives/ Strategies:

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S 10.2.7
S 10.2.9
O 10.7
S 10.7.1

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning	$630,000							$630,000
Land	$1,120,000	$1,050,000						$2,170,000
Construction				$2,500,000				$2,500,000
Equipment								$0
Other Expenses								$0
Total	$1,750,000	$1,050,000	$0	$2,500,000	$0	$0	$0	$5,300,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue	$1,000,000	$525,000		$1,250,000				$2,775,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants	$750,000	$525,000		$1,250,000				$2,525,000
Capital Project Fund								$0
Other Revenue								$0
Total	$1,750,000	$1,050,000	$0	$2,500,000	$0	$0	$0	$5,300,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
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):** Beyond

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.

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.

Justifications:

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

Goals/Objectives/ Strategies:

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S 10.2.9
O 10.7
S 10.7.1

Expenditures:	Prior	2016	2017	2018	2019	2020	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
Total	$0	$0	$0	$0	$0	$450,000	$6,000,000	$6,450,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	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
Total	$0	$0	$0	$0	$0	$450,000	$6,000,000	$6,450,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: MT CLINTON PIKE WIDENING
Project Code: PWSTP06B
Project Priority: Priority 3 **Project Type:** IMPROVEMENT **Start Date (FYE):** Future
Department: 9101 **Status:** Active **Completion Date (FYE):** Future

Description:

Widen Mt. Cliinton Pike to a four lane facility with raised median and bicycle/pedestrian facilities, between Chicago Avenue and Lincolnshire Drive in Rockingham County.

Explanation:

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

Alternative:

Justifications:

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

Goals/Objectives/ Strategies:

G 10
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S 10.2.1
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S 10.7.1

Expenditures:	Prior	2016	2017	2018	2019	2020	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
Total	$0	$0	$0	$0	$0	$450,000	$6,000,000	$6,450,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	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
Total	$0	$0	$0	$0	$0	$450,000	$6,000,000	$6,450,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: NORTH LIBERTY STREET (48294)
Project Code: PWSTP08
Project Priority: Priority 3 **Project Type:** ADDITION & REPLACEMENT **Start Date (FYE):** 2019
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.

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.

Alternative:

Justifications:

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

Goals/Objectives/ Strategies:

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Expenditures:	Prior	2016	2017	2018	2019	2020	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
Total	$0	$0	$0	$0	$300,000	$0	$4,500,000	$4,800,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	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
Total	$0	$0	$0	$0	$300,000	$0	$4,500,000	$4,800,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: CARLTON STREET IMPROVEMENT
Project Code: PWSTP09
Project Priority: Priority 2 **Project Type:** IMPROVEMENT **Start Date (FYE):** 2017
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.

Explanation:

High pedestrian volumes near an elementary school with inadequate facilities.

Alternative:

None.

Justifications:

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

Goals/Objectives/ Strategies:

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S 10.7.1

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning			$250,000					$250,000
Land				$750,000				$750,000
Construction						$1,000,000		$1,000,000
Equipment								$0
Other Expenses								$0
Total	$0	$0	$250,000	$750,000	$0	$1,000,000	$0	$2,000,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue			$250,000					$250,000
Enterprise Revenue								$0
Bond Proceeds				$750,000		$1,000,000		$1,750,000
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$250,000	$750,000	$0	$1,000,000	$0	$2,000,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: BLUESTONE TRAIL
Project Code: PWSTP11
Project Priority: Priority 2 **Project Type:** NEW **Start Date (FYE):** 2014
Department: 9101 **Status:** Active **Completion Date (FYE):** 2020

Description:

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

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.

Alternative:

Justifications:

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

Goals/Objectives/ Strategies:

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Expenditures:	Prior	2016	2017	2018	2019	2020	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
Total	$1,325,000	$0	$0	$200,000	$0	$1,500,000	$0	$3,025,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	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
Total	$1,325,000	$0	$0	$200,000	$0	$1,500,000	$0	$3,025,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: GREENDALE ROAD 910141-48666
Project Code: PWSTP12
Project Priority: Priority 3 **Project Type:** ADDITION & REPLACEMENT **Start Date (FYE):** 2016
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.

Explanation:

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

Alternative:

None.

Justifications:

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

Goals/Objectives/ Strategies:

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Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning		$500,000		$1,000,000				$1,500,000
Land				$1,000,000	$1,000,000			$2,000,000
Construction						$8,500,000		$8,500,000
Equipment								$0
Other Expenses								$0
Total	$0	$500,000	$0	$2,000,000	$1,000,000	$8,500,000	$0	$12,000,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue		$500,000						$500,000
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
Total	$0	$500,000	$0	$2,000,000	$1,000,000	$8,500,000	$0	$12,000,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: EAST MARKET ST. - MLK WAY TO I-81 (48296)
Project Code: PWSTP13
Project Priority: Priority 2 **Project Type:** IMPROVEMENT **Start Date (FYE):** 2016
Department: 9101 **Status:** Active **Completion Date (FYE):** beyond

Description:

East Market St. from I81 to MLK Way, including the intersection with MLK Way. Project includes reconstruction of two bridges over the railroad, additional turnlane lengths, additional merge lane length for I81 exit, and bicycle and pedestrain accommodations.

Explanation:

Provide longer left turn lanes from East Market St. onto MLK Way, including widening of bridge over railroad. Project to improve traffic safety and volume capacity at intersection.

Alternative:

Incorporate improvements with VDOT interchange rebuild reference 1992 Council request to set project up as VDOT 6 year urban project.

Justifications:

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

Goals/Objectives/ Strategies:

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S 10.7.1

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning		$1,000,000	$1,000,000					$2,000,000
Land				$1,500,000				$1,500,000
Construction							$14,500,000	$14,500,000
Equipment								$0
Other Expenses								$0
Total	$0	$1,000,000	$1,000,000	$1,500,000	$0	$0	$14,500,000	$18,000,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	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	$1,500,000			$14,500,000	$18,000,000
Total	$0	$1,000,000	$1,000,000	$1,500,000	$0	$0	$14,500,000	$18,000,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: UNIVERSITY BLVD - SIDEWALK 910141-48714
Project Code: PWSTP14
Project Priority: Priority 2 **Project Type:** CONSTRUCTION **Start Date (FYE):** 2013
Department: 9101 **Status:** Active **Completion Date (FYE):** 2018

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.

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 FY16, Phase III is planned for FY17, and Phase IV is planned for FY18.

Alternative:

None.

Justifications:

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

Goals/Objectives/ Strategies:

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Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction	$200,000	$250,000	$200,000	$250,000				$900,000
Equipment								$0
Other Expenses								$0
Total	$200,000	$250,000	$200,000	$250,000	$0	$0	$0	$900,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue	$200,000	$250,000	$200,000	$250,000				$900,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$200,000	$250,000	$200,000	$250,000	$0	$0	$0	$900,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: RESERVOIR STREET PROJECT 910141-48659
Project Code: PWSTP15
Project Priority: Priority 2 **Project Type:** IMPROVEMENT **Start Date (FYE):** 2012
Department: 9101 **Status:** Active **Completion Date (FYE):** 2016

Description:

Reservoir Street from University Blvd. to south city limits. Widen to 4-lanes plus center turn lane. Include pedestrian and bicycle facilities.

Explanation:

Project to provide improved access to new hospital site and new developments along corridor.

Alternative:

Use existing insufficient facilities.

Justifications:

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

Goals/Objectives/ Strategies:

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Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning	$3,000,000							$3,000,000
Land	$6,000,000							$6,000,000
Construction		$9,000,000						$9,000,000
Equipment								$0
Other Expenses								$0
Total	$9,000,000	$9,000,000	$0	$0	$0	$0	$0	$18,000,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue	$4,500,000	$2,000,000						$6,500,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants	$4,500,000	$4,500,000						$9,000,000
Capital Project Fund		$2,500,000						$2,500,000
Other Revenue								$0
Total	$9,000,000	$9,000,000	$0	$0	$0	$0	$0	$18,000,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
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):** 2016

Description:

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

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.

Alternative:

Justifications:

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

Goals/Objectives/ Strategies:

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Expenditures:	Prior	2016	2017	2018	2019	2020	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
Total	$51,101,139	$0	$0	$4,000,000	$0	$0	$0	$55,101,139

Funding Sources:	Prior	2016	2017	2018	2019	2020	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
Total	$51,101,139	$0	$0	$4,000,000	$0	$0	$0	$55,101,139

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: South Main Street Median
Project Code: PWSTP18
Project Priority: Priority 3 **Project Type:** ADDITION **Start Date (FYE):** 2019
Department: 9101 **Status:** Active **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. Project also includes extension of Maplehurst Drive between South Main Street to Harrison Street. Permanently close the southern end of Harrison Street's connection at South Main Street.

Explanation:

Provide infrastructure improvements to provide traffic calming for motorized traffic and better direct pedestrians to cross at signalized cross-walks. Maplehurst Drive extension provides better access to Harrison Street corridor, particularly alternative access in and out of JMU's Parking Deck and provides additional access as the University continues to consider redevelopment of this area.

Alternative:

Justifications:

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

Goals/Objectives/ Strategies:

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Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction					$1,300,000			$1,300,000
Equipment								$0
Other Expenses								$0
Total	$0	$0	$0	$0	$1,300,000	$0	$0	$1,300,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	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
Total	$0	$0	$0	$0	$1,300,000	$0	$0	$1,300,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: PORT REPUBLIC ROAD
Project Code: PWSTP19
Project Priority: Priority 3 **Project Type:** IMPROVEMENT **Start Date (FYE):** 2018
Department: 9101 **Status:** Active **Completion Date (FYE):** 2020

Description:

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

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.

Alternative:

Justifications:

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

Goals/Objectives/ Strategies:

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Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning				$150,000				$150,000
Land					$400,000			$400,000
Construction						$1,000,000		$1,000,000
Equipment								$0
Other Expenses								$0
Total	$0	$0	$0	$150,000	$400,000	$1,000,000	$0	$1,550,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue				$150,000	$400,000	$1,000,000		$1,550,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$0	$150,000	$400,000	$1,000,000	$0	$1,550,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Martin Luther King Jr Way Widening
Project Code: PWSTP20
Project Priority: Priority 2 **Project Type:** IMPROVEMENT **Start Date (FYE):** 2017
Department: 9101 **Status:** Active **Completion Date (FYE):** 2018

Description:

Martin Luther King Jr Way from Main Street to 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, and a right turnlane along S. Main Street.

Explanation:

Project to provide improved capacity and turn lanes for JMU Hospital Building Renovations. Improves efficiency of traffic signals & pedestrian safety. Project to be developed cooperatively with JMU.

Alternative:

Justifications:

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

Goals/Objectives/ Strategies:

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Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning			$500,000					$500,000
Land				$500,000				$500,000
Construction				$2,880,000				$2,880,000
Equipment								$0
Other Expenses								$0
Total	$0	$0	$500,000	$3,380,000	$0	$0	$0	$3,880,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue								$0
Enterprise Revenue								$0
Bond Proceeds				$2,880,000				$2,880,000
Grants								$0
Capital Project Fund								$0
Other Revenue			$500,000	$500,000				$1,000,000
Total	$0	$0	$500,000	$3,380,000	$0	$0	$0	$3,880,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
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.

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.

Justifications:

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

Goals/Objectives/ Strategies:

G 10
S 10.1.6

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning				$400,000				$400,000
Land								$0
Construction				$1,800,000				$1,800,000
Equipment								$0
Other Expenses								$0
Total	$0	$0	$0	$2,200,000	$0	$0	$0	$2,200,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	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
Total	$0	$0	$0	$2,200,000	$0	$0	$0	$2,200,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: NEFF AVENUE IMPROVEMENTS
Project Code: PWSTP23
Project Priority: Priority 2 **Project Type:** IMPROVEMENT **Start Date (FYE):** 2018
Department: 9101 **Status:** Active **Completion Date (FYE):** 2019

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.

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.

Justifications:

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

Goals/Objectives/ Strategies:

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Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning				$400,000				$400,000
Land								$0
Construction					$1,800,000			$1,800,000
Equipment								$0
Other Expenses								$0
Total	$0	$0	$0	$400,000	$1,800,000	$0	$0	$2,200,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	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
Total	$0	$0	$0	$400,000	$1,800,000	$0	$0	$2,200,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: COUNTRY CLUB ROAD 910141-48656
Project Code: PWSTP25
Project Priority: Priority 3 **Project Type:** IMPROVEMENT **Start Date (FYE):** 2016
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 contigent upon VDOT reconstructing I81 bridges over Country Club Road.

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 I81 Bridge replacement schedule.

Alternative:

Allow increased traffic to deal with delays.

Justifications:

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

Goals/Objectives/ Strategies:

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Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning		$595,000					$600,000	$1,195,000
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
Total	$0	$595,000	$1,200,000	$1,300,000	$3,500,000	$0	$7,600,000	$14,195,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue		$595,000					$600,000	$1,195,000
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
Total	$0	$595,000	$1,200,000	$1,300,000	$3,500,000	$0	$7,600,000	$14,195,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
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):** 2019
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.

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.

Justifications:

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

Goals/Objectives/ Strategies:

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S 10.7.1

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning					$425,000			$425,000
Land							$1,500,000	$1,500,000
Construction							$2,500,000	$2,500,000
Equipment								$0
Other Expenses								$0
Total	$0	$0	$0	$0	$425,000	$0	$4,000,000	$4,425,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue					$425,000			$425,000
Enterprise Revenue								$0
Bond Proceeds							$4,000,000	$4,000,000
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$0	$0	$425,000	$0	$4,000,000	$4,425,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: LINDA LANE WIDENING 910141-48696
Project Code: PWSTP28
Project Priority: Priority 2 **Project Type:** IMPROVEMENT **Start Date (FYE):** 2018
Department: 9101 **Status:** Active **Completion Date (FYE):** 2019

Description:

Construct five-lane facility, including center turn lane, sidewalks, with curb and gutter, from East Market Street to Country Club Road. Developer participation in construction from Quarry.

Explanation:

Provide adequate access to new planned developments and new school under construction.

Alternative:

Use existing insufficient facilities.

Justifications:

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

Goals/Objectives/ Strategies:

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Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning				$200,000				$200,000
Land				$200,000				$200,000
Construction					$1,000,000			$1,000,000
Equipment								$0
Other Expenses								$0
Total	$0	$0	$0	$400,000	$1,000,000	$0	$0	$1,400,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue				$400,000				$400,000
Enterprise Revenue								$0
Bond Proceeds					$750,000			$750,000
Grants								$0
Capital Project Fund								$0
Other Revenue					$250,000			$250,000
Total	$0	$0	$0	$400,000	$1,000,000	$0	$0	$1,400,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: SMITHLAND ROAD
Project Code: PWSTP28A
Project Priority: Priority 2 **Project Type:** IMPROVEMENT **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, and raised median from the intersection of Linda Lane extended to Old Furance Road @ I81.

Explanation:

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

Alternative:

Use existing insufficient facilities.

Justifications:

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

Goals/Objectives/ Strategies:

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Expenditures:	Prior	2016	2017	2018	2019	2020	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
Total	$0	$0	$0	$0	$0	$500,000	$3,750,000	$4,250,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue						$500,000		$500,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants							$3,750,000	$3,750,000
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$0	$0	$0	$500,000	$3,750,000	$4,250,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
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.

Explanation:

Project to provide East-West travel way from the commercial area east of I-81 to the industrail 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.

Justifications:

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

Goals/Objectives/ Strategies:

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Expenditures:	Prior	2016	2017	2018	2019	2020	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
Total	$0	$0	$0	$0	$0	$1,200,000	$9,000,000	$10,200,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	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
Total	$0	$0	$0	$0	$0	$1,200,000	$9,000,000	$10,200,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
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):** 2018
Department: 9101 **Status:** Active **Completion Date (FYE):** 2018

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.

Explanation:

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

Alternative:

None.

Justifications:

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

Goals/Objectives/ Strategies:

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Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning				$200,000				$200,000
Land								$0
Construction				$800,000				$800,000
Equipment								$0
Other Expenses								$0
Total	$0	$0	$0	$1,000,000	$0	$0	$0	$1,000,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue				$200,000				$200,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants				$800,000				$800,000
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$0	$1,000,000	$0	$0	$0	$1,000,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
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):** Beyond

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. Includes Pedestrian signal on Garbers Church Road to get to HHS.

Explanation:

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

Alternative:

None.

Justifications:

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

Goals/Objectives/ Strategies:

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Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning			$25,000					$25,000
Land								$0
Construction			$125,000	$100,000			$1,000,000	$1,225,000
Equipment								$0
Other Expenses								$0
Total	$0	$0	$150,000	$100,000	$0	$0	$1,000,000	$1,250,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue			$150,000	$100,000			$500,000	$750,000
Enterprise Revenue								$0
Bond Proceeds							$500,000	$500,000
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$150,000	$100,000	$0	$0	$1,000,000	$1,250,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Northend Greenway
Project Code: PWSTP37
Project Priority: Priority 2 **Project Type:** ADDITION **Start Date (FYE):** 2014
Department: 9101 **Status:** Active **Completion Date (FYE):** 2016

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.

Explanation:

Alternative:

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

Justifications:

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

Goals/Objectives/ Strategies:

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Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning	$205,000							$205,000
Land		$250,000						$250,000
Construction		$2,000,000						$2,000,000
Equipment								$0
Other Expenses								$0
Total	$205,000	$2,250,000	$0	$0	$0	$0	$0	$2,455,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue	$600,000	$373,500						$973,500
Enterprise Revenue								$0
Bond Proceeds								$0
Grants	$600,000	$627,500						$1,227,500
Capital Project Fund		$254,000						$254,000
Other Revenue								$0
Total	$1,200,000	$1,255,000	$0	$0	$0	$0	$0	$2,455,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: North Main Street Sidewalk
Project Code: PWSTP38
Project Priority: Priority 2 **Project Type:** ADDITION **Start Date (FYE):** 2016
Department: 9101 **Status:** Active **Completion Date (FYE):** 2016

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

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.

Alternative:

Justifications:

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

Goals/Objectives/ Strategies:

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Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning		$20,000						$20,000
Land		$80,000						$80,000
Construction		$500,000						$500,000
Equipment								$0
Other Expenses								$0
Total	$0	$600,000	$0	$0	$0	$0	$0	$600,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue		$600,000						$600,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$600,000	$0	$0	$0	$0	$0	$600,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Mosby Road Sidewalk
Project Code: PWSTP39
Project Priority: Priority 2 **Project Type:** ADDITION **Start Date (FYE):** 2017
Department: 9101 **Status:** Active **Completion Date (FYE):** 2017

Description:

Construct five-foot sidewalk on south side of Mosby Road between South Main Street and Mosby Court.

Explanation:

Mosby Court is an income-based housing complex where residents rely on alternative transportation to access shopping areas along South Main Street.

Alternative:

Justifications:

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

Goals/Objectives/ Strategies:

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Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning			$15,000					$15,000
Land			$10,000					$10,000
Construction			$400,000					$400,000
Equipment								$0
Other Expenses								$0
Total	$0	$0	$425,000	$0	$0	$0	$0	$425,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue			$212,500					$212,500
Enterprise Revenue								$0
Bond Proceeds								$0
Grants			$212,500					$212,500
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$425,000	$0	$0	$0	$0	$425,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Reservoir Street Sidewalk
Project Code: PWSTP40
Project Priority: Priority 2 **Project Type:** ADDITION **Start Date (FYE):** 2017
Department: 9101 **Status:** Active **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.

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.

Alternative:

Justifications:

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

Goals/Objectives/ Strategies:

G 10
O 10.2
S 10.2.2
S 10.2.9

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning			$150,000					$150,000
Land								$0
Construction			$850,000					$850,000
Equipment								$0
Other Expenses								$0
Total	$0	$0	$1,000,000	$0	$0	$0	$0	$1,000,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	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
Total	$0	$0	$1,000,000	$0	$0	$0	$0	$1,000,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Parks Accessibility Improvement Program
Project Code: P&R 151
Project Priority: Priority 1 **Project Type:** ADDITION & RENOVATION **Start Date (FYE):** 2015
Department: 710271 **Status:** Active **Completion Date (FYE):** 2019

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

Explanation:

2014-15 Kiwanis Park, Eastover Tennis Courts, Westover Pool
2015-16 R. Sampson Park, Simms Center, Hillandale Park
2016-17 CFG Community Activities Center, Westover Park, Purcell Park
2017-18 Riven Rock Park, Smithland Soccer Fields

Alternative:

Alterations are mandated

Justifications:

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

Goals/Objectives/ Strategies:

G 9
O 9.1
O 9.3

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning		$3,500	$3,000	$3,000				$9,500
Land								$0
Construction		$42,000	$45,000	$42,000				$129,000
Equipment		$8,000	$8,000	$5,000				$21,000
Other Expenses								$0
Total	$0	$53,500	$56,000	$50,000	$0	$0	$0	$159,500

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue		$53,500	$56,000	$50,000				$159,500
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$53,500	$56,000	$50,000	$0	$0	$0	$159,500

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Playground Improvement Program
Project Code: P&R 153
Project Priority: Priority 2 **Project Type:** ADDITION & RENOVATION **Start Date (FYE):** 2016
Department: 710271 **Status:** Active **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:

2016-17 Morrison Park Playground
2017-18 New Playground at Smithland Park
2018-19 Ralph Sampson Playground
2017-18 Renovation of Kid's Castle, Purcell Park
2018-19 New Playground at Ramblewood Park
2019-20 Kiwanis Park Playground

Alternative:

Continue to maintain and repair existing playgrounds

Goals/Objectives/ Strategies:

O 9.6
S 9.6.4

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning		$2,200	$2,300	$5,000	$2,400	$2,400	$2,400	$16,700
Land								$0
Construction		$15,000	$30,000	$30,000	$30,000	$18,000	$18,000	$141,000
Equipment		$40,000	$80,000	$40,000	$85,000	$45,000	$45,000	$335,000
Other Expenses								$0
Total	$0	$57,200	$112,300	$75,000	$117,400	$65,400	$65,400	$492,700

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue		$57,200	$112,300	$75,000	$117,400	$65,400	$65,400	$492,700
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$57,200	$112,300	$75,000	$117,400	$65,400	$65,400	$492,700

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Purcell Park Pond Renovation
Project Code: P&R 1603
Project Priority: Priority 2 **Project Type:** RENOVATION **Start Date (FYE):** 2016
Department: 710271 **Status:** Active **Completion Date (FYE):** 2016

Description:

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

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 stuctures constructed for water intake and outtake.

Alternative:

Allow pond to continue to fill in.

Justifications:

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

Goals/Objectives/ Strategies:

S 9.6.4

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning		$5,000						$5,000
Land								$0
Construction		$40,000						$40,000
Equipment		$5,000						$5,000
Other Expenses								$0
Total	$0	$50,000	$0	$0	$0	$0	$0	$50,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue		$50,000						$50,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$50,000	$0	$0	$0	$0	$0	$50,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Skidloader Replacement
Project Code: P&R 2016
Project Priority: Priority 2 **Project Type:** REPLACEMENT **Start Date (FYE):** 2016
Department: 710271 **Status:** Active **Completion Date (FYE):** 2016

Description:

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

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.

Alternative:

Justifications:

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

Goals/Objectives/ Strategies:

S 9.6.4

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction								$0
Equipment		$52,000						$52,000
Other Expenses								$0
Total	$0	$52,000	$0	$0	$0	$0	$0	$52,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue		$52,000						$52,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$52,000	$0	$0	$0	$0	$0	$52,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Ralph Sampson Park Improvement Project
Project Code: P&R104
Project Priority: Priority 2 **Project Type:** NEW **Start Date (FYE):** 2008
Department: 710271 **Status:** Active **Completion Date (FYE):** 2017

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 similiar demands

Alternative:

Goals/Objectives/ Strategies:

S 9.5.1
S 9.6.4

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning			$61,000					$61,000
Land								$0
Construction			$652,530					$652,530
Equipment								$0
Other Expenses								$0
Total	$0	$0	$713,530	$0	$0	$0	$0	$713,530

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue			$713,530					$713,530
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$713,530	$0	$0	$0	$0	$713,530

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel			$23,000	$23,000	$23,800	$24,300	$24,500	$118,600
Operating			$6,800	$7,000	$7,400	$7,800	$8,000	$37,000
Capital								$0
Offsets								$0
Total	$0	$0	$29,800	$30,000	$31,200	$32,100	$32,500	$155,600

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Westover Pool UV System
Project Code: P&R 2019
Project Priority: Priority 2 **Project Type:** SYSTEM UPGRADE **Start Date (FYE):** 2019
Department: 710771 **Status:** Active **Completion Date (FYE):** 2019

Description:

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

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.

Alternative:

Justifications:

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

Goals/Objectives/ Strategies:

O 9.6

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction					$4,500			$4,500
Equipment					$80,500			$80,500
Other Expenses								$0
Total	$0	$0	$0	$0	$85,000	$0	$0	$85,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue					$85,000			$85,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$0	$0	$85,000	$0	$0	$85,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets					($3,500)	($3,500)	($3,500)	($10,500)
Total	$0	$0	$0	$0	($3,500)	($3,500)	($3,500)	($10,500)

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Westover Pool Spray Park Addition
Project Code: P&R775
Project Priority: Priority 3 **Project Type:** NEW **Start Date (FYE):** 2018
Department: 710771 **Status:** Active **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
x-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

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction			$250,500					$250,500
Equipment			$180,500					$180,500
Other Expenses								$0
Total	$0	$0	$431,000	$0	$0	$0	$0	$431,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue			$431,000					$431,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$431,000	$0	$0	$0	$0	$431,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel			$9,500	$9,650	$9,800	$10,000	$10,200	$49,150
Operating			$5,250	$5,400	$5,500	$5,600	$5,700	$27,450
Capital								$0
Offsets								$0
Total	$0	$0	$14,750	$15,050	$15,300	$15,600	$15,900	$76,600

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: WESTOVER POOL DECK RESURFACING AND ZERO DEPTH ENTRY
Project Code: P&R776
Project Priority: Priority 2 **Project Type:** NEW **Start Date (FYE):** 2016
Department: 710771 **Status:** Active **Completion Date (FYE):** 2016

Description:

During the past forty 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:

S 9.3.1
S 9.5.1
S 9.6.4

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning		$11,000						$11,000
Land								$0
Construction		$238,500						$238,500
Equipment								$0
Other Expenses								$0
Total	$0	$249,500	$0	$0	$0	$0	$0	$249,500

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue		$249,500						$249,500
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$249,500	$0	$0	$0	$0	$0	$249,500

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Westover Pool Slide Replacement
Project Code: PR2016-1
Project Priority: Priority 2 **Project Type:** REPLACEMENT **Start Date (FYE):** 2016
Department: 710771 **Status:** Active **Completion Date (FYE):** 2016

Description:

Current waterslide is now 14 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.

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 intregity and repair costs are prohibitive

Justifications:

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

Goals/Objectives/ Strategies:

S 9.6.4

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning			$3,800					$3,800
Land								$0
Construction			$10,000					$10,000
Equipment			$90,000					$90,000
Other Expenses								$0
Total	$0	$0	$103,800	$0	$0	$0	$0	$103,800

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue			$103,000					$103,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$103,000	$0	$0	$0	$0	$103,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Ramblewood Park Redevelopment
Project Code: P&R 1002
Project Priority: Priority 2 **Project Type:** REBUILD **Start Date (FYE):** 2013
Department: 910771 **Status:** Active **Completion Date (FYE):** Ongoing

Description:

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

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. Demolition of existing facilities is now in progress. This project was divided into two phases to spread costs over several years. Phase One is nearing completion. Funding request is for Phase 2

Alternative:

Justifications:

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

Goals/Objectives/ Strategies:

S 9.2.1
S 9.6.4

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning	$55,000	$30,000	$30,000					$115,000
Land								$0
Construction	$1,957,795	$1,363,900	$1,363,900					$4,685,595
Equipment								$0
Other Expenses								$0
Total	$2,012,795	$1,393,900	$1,393,900	$0	$0	$0	$0	$4,800,595

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue	$55,000	$1,363,900	$1,363,900					$2,782,800
Enterprise Revenue								$0
Bond Proceeds	$1,957,795							$1,957,795
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$2,012,795	$1,363,900	$1,363,900	$0	$0	$0	$0	$4,740,595

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel		$32,000	$44,000	$44,880	$45,750	$46,650	$47,500	$260,780
Operating		$17,500	$22,500	$22,950	$23,400	$23,850	$24,300	$134,500
Capital								$0
Offsets								$0
Total	$0	$49,500	$66,500	$67,830	$69,150	$70,500	$71,800	$395,280

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: SMITHLAND ROAD PARK DEVELOPMENT
Project Code: P&R107
Project Priority: Priority 3 **Project Type:** DEVELOPMENT **Start Date (FYE):** ONGOING
Department: 910771 **Status:** Active **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 2016- Excavation and grading for parking lot for Field #4,installation of drainage structures for Field #5
FY 2017- Excavation, grading, seeding, irrigation for Field #5
FY 2018- Paving of entrance road, parking lot, installation of sewer lines
FY 2019 Construction of restroom, maintenance facilty to serve Fields #4-#6

Alternative:

Delay construction of recreation facilities for our citizens

Goals/Objectives/ Strategies:

S 9.1.2
S 9.3.2

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction		$260,000	$320,000	$225,000	$280,000	$240,000		$1,325,000
Equipment								$0
Other Expenses								$0
Total	$0	$260,000	$320,000	$225,000	$280,000	$240,000	$0	$1,325,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue		$260,000	$320,000	$225,000	$280,000	$240,000		$1,325,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$260,000	$320,000	$225,000	$280,000	$240,000	$0	$1,325,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel		$18,300	$18,500	$18,900	$19,500	$20,100	$20,700	$116,000
Operating		$5,800	$6,900	$7,200	$10,800	$11,400	$12,000	$54,100
Capital								$0
Offsets								$0
Total	$0	$24,100	$25,400	$26,100	$30,300	$31,500	$32,700	$170,100

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: ATHLETIC FIELD LIGHTING SCHEDULE
Project Code: P&R802
Project Priority: Priority 2 **Project Type:** ADDITION **Start Date (FYE):** 2016
Department: 910771 **Status:** Active **Completion Date (FYE):** 2018

Description:

New Lighting systems for soccer fields at Smithland Road allowing increased usage to meet increased demand.
2016-2017 Smithland Road Fields #1
2017-2018 - Smithland Road Field #2
2018-2019 - 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

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction		$212,000	$217,000	$222,000				$651,000
Equipment								$0
Other Expenses								$0
Total	$0	$212,000	$217,000	$222,000	$0	$0	$0	$651,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue		$212,000	$217,000	$222,000				$651,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$212,000	$217,000	$222,000	$0	$0	$0	$651,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating		$3,500	$7,000	$10,500	$10,700	$10,900	$11,100	$53,700
Capital								$0
Offsets								$0
Total	$0	$3,500	$7,000	$10,500	$10,700	$10,900	$11,100	$53,700

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: LAND ACQUISITION, NEAR EASTOVER TENNIS COURTS
Project Code: P&R604
Project Priority: Priority 3 **Project Type:** NEW **Start Date (FYE):** 2016
Department: 710171 **Status:** Active **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	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land				$600,000				$600,000
Construction								$0
Equipment								$0
Other Expenses								$0
Total	$0	$0	$0	$600,000	$0	$0	$0	$600,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue				$600,000				$600,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$0	$600,000	$0	$0	$0	$600,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: LAND ACQUISITION SE, COMMUNITY PARK
Project Code: P&R607
Project Priority: Priority 3 **Project Type:** NEW **Start Date (FYE):** 2017
Department: 710171 **Status:** Active **Completion Date (FYE):** 2017

Description:

Acquisition of land parcel in southeast section of Harrisonburg.

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.

Alternative:

None

Justifications:

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

Goals/Objectives/ Strategies:

O 9.1
S 9.5.2

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land			$800,000					$800,000
Construction								$0
Equipment								$0
Other Expenses								$0
Total	$0	$0	$800,000	$0	$0	$0	$0	$800,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue			$800,000					$800,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$800,000	$0	$0	$0	$0	$800,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
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.

Explanation:

The current Zoning, Subdivision, and Sign Ordinances were last comprehensively reviewed and updated over 17 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, 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.

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.

Justifications:

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

Goals/Objectives/ Strategies:

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

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning				$125,000				$125,000
Land								$0
Construction								$0
Equipment								$0
Other Expenses								$0
Total	$0	$0	$0	$125,000	$0	$0	$0	$125,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue				$125,000				$125,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$0	$125,000	$0	$0	$0	$125,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: DOWNTOWN PARKING LOT IMPROVEMENT PROGRAM
Project Code: DP20072
Project Priority: Priority 2 **Project Type:** IMPROVEMENT **Start Date (FYE):** 2017
Department: 810921 **Status:** Active **Completion Date (FYE):** 2018

Description:

Repave Harrison Plaza Parking lot - $150,000
Repave East Water Street Surface Parking Lot - $40,000

Justifications:

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

Explanation:

Smooth out uneven surfaces and potholes for improved driving and walking area, make parking stalls and handicap areas more clear through repainting

Goals/Objectives/ Strategies:

G 10
O 10.1
S 10.1.8
G 15
O 15.1
S 15.1.2

Alternative:

Perhaps continue to repatch lots (currently a mix of concrete and asphalt)

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction			$40,000	$150,000				$190,000
Equipment								$0
Other Expenses								$0
Total	$0	$0	$40,000	$150,000	$0	$0	$0	$190,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue			$40,000	$150,000				$190,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$40,000	$150,000	$0	$0	$0	$190,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Downtown Parking Deck
Project Code: DP20073
Project Priority: Priority 2 **Project Type:** ADDITION & REPLACEMENT **Start Date (FYE):** 2018
Department: 810921 **Status:** Active **Completion Date (FYE):** 2019

Description:

Replace Water Street Parking Deck.

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	2016	2017	2018	2019	2020	Future	Total
Planning				$1,600,000				$1,600,000
Land								$0
Construction					$6,400,000			$6,400,000
Equipment								$0
Other Expenses								$0
Total	$0	$0	$0	$1,600,000	$6,400,000	$0	$0	$8,000,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue								$0
Enterprise Revenue								$0
Bond Proceeds				$1,600,000	$6,400,000			$8,000,000
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$0	$1,600,000	$6,400,000	$0	$0	$8,000,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: ELIZABETH STREET DECK FACADE
Project Code: DP20071
Project Priority: Priority 3 **Project Type:** IMPROVEMENT **Start Date (FYE):** 2017
Department: 810921 **Status:** Active **Completion Date (FYE):** 2018

Description:

Facade improvement to Elizabeth Street Deck: install Dryvit over existing concrete;install new masonry or other structural support; install new awnings and parking signs. Improvements related to downtown streetscape project including new sidewalks and signage in adjacent area on Main Street. Design drawings completed by Frazier Associates.

Justifications:

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

Explanation:

Increases perceived safety of parking deck, decreases customer confusion and potentially increases usage of deck by visitors and downtown employees. Improves visual appeal of deck as a means to welcome visitors and residents to the historic downtown.

Goals/Objectives/ Strategies:

G 10
O 10.2
S 10.2.9
G 15
O 15.1
S 15.1.2

Alternative:

"Graphic" facade improvements rather than the "architectural" solution proposed would include cleaning/painting exisiting structure and adding banners with less visual impact

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning			$300,000					$300,000
Land								$0
Construction				$1,200,000				$1,200,000
Equipment								$0
Other Expenses								$0
Total	$0	$0	$300,000	$1,200,000	$0	$0	$0	$1,500,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue			$300,000	$1,200,000				$1,500,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$300,000	$1,200,000	$0	$0	$0	$1,500,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Construction of Elementary School
Project Code: HCPS9
Project Priority: Priority 2 **Project Type:** NEW **Start Date (FYE):** 2015
Department: 1311 **Status:** Active **Completion Date (FYE):** 2018

Description:

Construction of new elementary school (700 enrollment).

Explanation:

New elementary school needed to accommodate growth.

Alternative:

Note that these bond funds may also be used to replace and upgrade the HVAC system at THMS if renovation of THMS has not occurred before HVAC requires replacement and if funds allow.

Justifications:

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

Goals/Objectives/ Strategies:

G 5
O 5.2

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning		$2,500,000						$2,500,000
Land								$0
Construction		$30,000,000						$30,000,000
Equipment		$3,000,000						$3,000,000
Other Expenses								$0
Total	$0	$35,500,000	$0	$0	$0	$0	$0	$35,500,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue		$3,000,000						$3,000,000
Enterprise Revenue								$0
Bond Proceeds		$32,500,000						$32,500,000
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$35,500,000	$0	$0	$0	$0	$0	$35,500,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating			$714,000					$714,000
Capital			$170,000					$170,000
Offsets								$0
Total	$0	$0	$884,000	$0	$0	$0	$0	$884,000

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Spotswood ES Playground Construction
Project Code: HCPS1
Project Priority: Priority 2 **Project Type:** ADDITION & REPLACEMENT **Start Date (FYE):** 2016
Department: 1311 **Status:** Active **Completion Date (FYE):** 2016

Description:

Construct Playground at Spotswood Elementary School

Explanation:

Due to enrollment growth, current playground will not accommodate students.

Alternative:

Justifications:

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

Goals/Objectives/ Strategies:

S 5.2.1

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction								$0
Equipment		$75,000						$75,000
Other Expenses								$0
Total	$0	$75,000	$0	$0	$0	$0	$0	$75,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue		$75,000						$75,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$75,000	$0	$0	$0	$0	$0	$75,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Boiler Replacement, Stonespring ES
Project Code: HCPS3
Project Priority: Priority 2 **Project Type:** REPLACEMENT **Start Date (FYE):** 2016
Department: 1311 **Status:** Active **Completion Date (FYE):** 2016

Description:

Replace Outdated Boiler at SSES

Explanation:

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

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	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction								$0
Equipment		$70,000						$70,000
Other Expenses								$0
Total	$0	$70,000	$0	$0	$0	$0	$0	$70,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue		$70,000						$70,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$70,000	$0	$0	$0	$0	$0	$70,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Air Handler Replacement, Spotswood ES
Project Code: HCPS4
Project Priority: Priority 2 **Project Type:** REPLACEMENT **Start Date (FYE):** 2016
Department: 1311 **Status:** Active **Completion Date (FYE):** 2016

Description:

Replace air handler at SES

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	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction								$0
Equipment		$175,000						$175,000
Other Expenses								$0
Total	$0	$175,000	$0	$0	$0	$0	$0	$175,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue		$175,000						$175,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$175,000	$0	$0	$0	$0	$0	$175,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Air Handler Replacement, Waterman ES
Project Code: HCPS5
Project Priority: Priority 2 **Project Type:** REPLACEMENT **Start Date (FYE):** 2016
Department: 1311 **Status:** Active **Completion Date (FYE):** 2016

Description:

Replace Air Handlers (4) at WES

Explanation:

Replace original air handlers at WES.

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	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction								$0
Equipment		$175,000						$175,000
Other Expenses								$0
Total	$0	$175,000	$0	$0	$0	$0	$0	$175,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue		$175,000						$175,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$175,000	$0	$0	$0	$0	$0	$175,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Chiller Replacement, Stonespring ES
Project Code: HCPS6
Project Priority: Priority 2 **Project Type:** REPLACEMENT **Start Date (FYE):** 2016
Department: 1311 **Status:** Active **Completion Date (FYE):** 2016

Description:

Replace chiller at SSES

Explanation:

Replace original chiller at SSES (2).

Alternative:

Justifications:

Mandated
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	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction								$0
Equipment		$130,000						$130,000
Other Expenses								$0
Total	$0	$130,000	$0	$0	$0	$0	$0	$130,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue		$130,000						$130,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$130,000	$0	$0	$0	$0	$0	$130,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Construction of Pre-K Center
Project Code: HCPS17
Project Priority: Priority 2 **Project Type:** NEW **Start Date (FYE):** 2016
Department: 1311 **Status:** Active **Completion Date (FYE):** 2017

Description:

Construction of new pre-K center (350 enrollment)

Explanation:

Construction of new pre-K center to accommodate the overall student growth within the division.

Alternative:

Justifications:

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

Goals/Objectives/ Strategies:

O 5.2
S 5.2.1

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction		$9,300,000						$9,300,000
Equipment		$1,300,000						$1,300,000
Other Expenses								$0
Total	$0	$10,600,000	$0	$0	$0	$0	$0	$10,600,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue		$1,300,000						$1,300,000
Enterprise Revenue								$0
Bond Proceeds		$9,300,000						$9,300,000
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$10,600,000	$0	$0	$0	$0	$0	$10,600,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel			$700,000					$700,000
Operating			$82,000					$82,000
Capital								$0
Offsets								$0
Total	$0	$0	$782,000	$0	$0	$0	$0	$782,000

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Air Handler Replacement, Keister ES
Project Code: HCPS8
Project Priority: Priority 2 **Project Type:** REPLACEMENT **Start Date (FYE):** 2017
Department: 1311 **Status:** Active **Completion Date (FYE):** 2017

Description:

Replace 4 air handlers at KES

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

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction								$0
Equipment			$250,000					$250,000
Other Expenses								$0
Total	$0	$0	$250,000	$0	$0	$0	$0	$250,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue			$250,000					$250,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$250,000	$0	$0	$0	$0	$250,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Construction of New Middle School
Project Code: HCPS16
Project Priority: Priority 2 **Project Type:** NEW **Start Date (FYE):** 2017
Department: 1311 **Status:** Active **Completion Date (FYE):** 2018

Description:

Construction of new middle school (750-900 enrollment)

Explanation:

Construction of new middle school to accommodate enrollment growth.

Alternative:

Justifications:

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

Goals/Objectives/ Strategies:

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Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land			$2,000,000					$2,000,000
Construction			$41,000,000					$41,000,000
Equipment			$2,400,000					$2,400,000
Other Expenses								$0
Total	$0	$0	$45,400,000	$0	$0	$0	$0	$45,400,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue			$2,400,000					$2,400,000
Enterprise Revenue								$0
Bond Proceeds			$43,000,000					$43,000,000
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$45,400,000	$0	$0	$0	$0	$45,400,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating				$814,000				$814,000
Capital				$380,000				$380,000
Offsets								$0
Total	$0	$0	$0	$1,194,000	$0	$0	$0	$1,194,000

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Construction of 2nd Pre-K Center
Project Code: HCPS20
Project Priority: Priority 2 **Project Type:** NEW **Start Date (FYE):** 2017
Department: 1311 **Status:** Active **Completion Date (FYE):** 2018

Description:

Construction of second pre-K Center

Explanation:

Construction of second pre-k center to accommodate overall enrollment growth within the division.

Alternative:

Justifications:

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

Goals/Objectives/ Strategies:

O 5.2
S 5.2.1

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land			$1,500,000					$1,500,000
Construction			$9,300,000					$9,300,000
Equipment			$1,300,000					$1,300,000
Other Expenses								$0
Total	$0	$0	$12,100,000	$0	$0	$0	$0	$12,100,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue			$1,300,000					$1,300,000
Enterprise Revenue								$0
Bond Proceeds			$10,800,000					$10,800,000
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$12,100,000	$0	$0	$0	$0	$12,100,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating				$700,000				$700,000
Capital				$74,500				$74,500
Offsets								$0
Total	$0	$0	$0	$774,500	$0	$0	$0	$774,500

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Phone System Upgrade SSES
Project Code: HCPS21
Project Priority: Priority 2 **Project Type:** REPLACEMENT **Start Date (FYE):** 2016
Department: 1311 **Status:** Active **Completion Date (FYE):** 2016

Description:

Phone/PA system upgrade at SSES

Explanation:

Phone/PA system outdated and not functioning efficiently.

Alternative:

Justifications:

Mandated
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	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction								$0
Equipment			$50,000					$50,000
Other Expenses								$0
Total	$0	$0	$50,000	$0	$0	$0	$0	$50,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue			$50,000					$50,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$50,000	$0	$0	$0	$0	$50,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Upgrade HVAC Controls, Stonspring ES
Project Code: HCPS10
Project Priority: Priority 2 **Project Type:** SYSTEM UPGRADE **Start Date (FYE):** 2018
Department: 1311 **Status:** Active **Completion Date (FYE):** 2018

Description:

Upgrade HVAC Controls at SSES

Explanation:

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

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	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction								$0
Equipment				$50,000				$50,000
Other Expenses								$0
Total	$0	$0	$0	$50,000	$0	$0	$0	$50,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue				$50,000				$50,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$0	$50,000	$0	$0	$0	$50,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Renovation/Remodel of Thomas Harrison MS
Project Code: HCPS15
Project Priority: Priority 2 **Project Type:** RENOVATION **Start Date (FYE):** 2018
Department: 1311 **Status:** Active **Completion Date (FYE):** 2019

Description:

Renovate THMS

Explanation:

Alternative:

If renovation does not proceed in anticipated time frame, the HVAC system may need to be replaced before the renovation project.

Justifications:

Mandated
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	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction				$40,000,000				$40,000,000
Equipment								$0
Other Expenses								$0
Total	$0	$0	$0	$40,000,000	$0	$0	$0	$40,000,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue								$0
Enterprise Revenue								$0
Bond Proceeds				$40,000,000				$40,000,000
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$0	$40,000,000	$0	$0	$0	$40,000,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Storefront Door Replacemnts, Smithland ES & Skyline MS
Project Code: HCPS11
Project Priority: Priority 2 **Project Type:** REPLACEMENT **Start Date (FYE):** 2019
Department: 1311 **Status:** Active **Completion Date (FYE):** 2019

Description:

Replace storefront doors at SMES and SKMS

Explanation:

Doors will need replacement by 2018

Alternative:

Justifications:

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

Goals/Objectives/ Strategies:

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Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction								$0
Equipment					$100,000			$100,000
Other Expenses								$0
Total	$0	$0	$0	$0	$100,000	$0	$0	$100,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue					$100,000			$100,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$0	$0	$100,000	$0	$0	$100,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Purchase Land for School
Project Code: HCPS14
Project Priority: Priority 2 **Project Type:** NEW **Start Date (FYE):** 2020
Department: 1311 **Status:** Active **Completion Date (FYE):** 2020

Description:

Purchase land for future school.

Explanation:

With HCPS enrollment growth, additional land will be required for the addition of a new school.

Alternative:

Justifications:

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

Goals/Objectives/ Strategies:

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Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land				$2,000,000				$2,000,000
Construction								$0
Equipment								$0
Other Expenses								$0
Total	$0	$0	$0	$2,000,000	$0	$0	$0	$2,000,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue				$2,000,000				$2,000,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$0	$2,000,000	$0	$0	$0	$2,000,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Addition to Current High School
Project Code: HCPS12
Project Priority: Priority 2 **Project Type:** ADDITION **Start Date (FYE):** 2019
Department: 1311 **Status:** Active **Completion Date (FYE):** 2020

Description:

Addition to current Harrisonburg High School to increase institutional space.

Explanation:

Addition needed to accommodate growth.

Alternative:

Justifications:

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

Goals/Objectives/ Strategies:

O 5.2
S 5.2.1

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction					$20,000,000			$20,000,000
Equipment					$1,300,000			$1,300,000
Other Expenses								$0
Total	$0	$0	$0	$0	$21,300,000	$0	$0	$21,300,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue					$1,300,000			$1,300,000
Enterprise Revenue								$0
Bond Proceeds					$20,000,000			$20,000,000
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$0	$0	$21,300,000	$0	$0	$21,300,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating						$250,000		$250,000
Capital						$35,000		$35,000
Offsets								$0
Total	$0	$0	$0	$0	$0	$285,000	$0	$285,000

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Chiller Replacement, Harrisonburg HS
Project Code: HCPS13
Project Priority: Priority 2 **Project Type:** REPLACEMENT **Start Date (FYE):** 2020
Department: 1311 **Status:** Active **Completion Date (FYE):** 2020

Description:

Replace chiller at HHS

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	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction								$0
Equipment						$300,000		$300,000
Other Expenses								$0
Total	$0	$0	$0	$0	$0	$300,000	$0	$300,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue						$300,000		$300,000
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$0	$0	$0	$300,000	$0	$300,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: WESTERN RAW WATERLINE (910161-48621)
Project Code: proj202
Project Priority: Priority 2 **Project Type:** REPLACEMENT **Start Date (FYE):** 1995
Department: 2011 **Status:** Active **Completion Date (FYE):** 2017

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

Justifications:

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

Explanation:

2016 - $36,000 - Western Raw Waterline Phase D1, year 2 Planning + Land acquisition (from W&W 2012 study)
2016 - $200,000 - North River Pump Station upgrade, Project #473
2016 - $61,595 - Install Anodes for corrosion on 20" Raw waterline-Remainder of CORPRO Priority #1
2016 - $15,000 - Replace Motor operated Valve control @ Rawley Valve Vault-(see Raw water Risk study)
2017 - $66,000 - Western Raw Waterline Phase D1, year 3 Engineering /design (from W&W 2012 study)
2017 - $107,290 - Install Anodes for corrosion on 20" Raw waterline- CORPRO Priority #2-
2017 - $1,000,000 - Separate Dry river sys. From Shen. Bond fund w/ Shenandoah project BOND
2018 - $66,000 - Western Raw Waterline Phase D1, year 4 Engineering /design (from W&W 2012 study)
2018 - $71,525 - Install Anodes for corrosion on 20" Raw waterline- CORPRO Priority #3
2019 - $581,000 - Western Raw Waterline Phase D1, year 5 project contruction (from W&W 2012 study)
2019 - $50,000 - Dry River Waterline Relocations (In house study project #444) construction
2019 - $145,495 - Install Anodes for corrosion on 20" Raw waterline- CORPRO Priority #4
2020 - $33,000 - Western Raw Waterline Phase D2, year 1 Planning + Land acquisition (from W&W 2012 study)
2020 - $102,990 - Install Anodes for corrosion on 20" Raw waterline- CORPRO Priority #5
Funding to Capital Project Fund
Level Funding from Enterprise Revenue to Capital Project Fund = $350,000 per year 2016-2020
Required Enterprise Revenue beyond 2020 = $12,860,199 through 2072

Goals/Objectives/ Strategies:

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S 11.1.2

Alternative:

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

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning		$10,000	$66,000	$66,000	$100,000	$10,000	$1,300,000	$1,552,000
Land		$26,000				$23,000	$650,000	$699,000
Construction	$6,192,794	$276,595	$1,107,290	$71,525	$676,495	$102,990	$11,124,390	$19,552,079
Equipment								$0
Other Expenses								$0
Total	$6,192,794	$312,595	$1,173,290	$137,525	$776,495	$135,990	$13,074,390	$21,803,079

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue								$0
Enterprise Revenue								$0
Bond Proceeds			$1,000,000					$1,000,000
Grants								$0
Capital Project Fund	$6,192,794	$312,595	$173,290	$137,525	$776,495	$135,990	$13,074,390	$20,803,079
Other Revenue								$0
Total	$6,192,794	$312,595	$1,173,290	$137,525	$776,495	$135,990	$13,074,390	$21,803,079

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: EASTERN SOURCE DEVELOPMENT (910161-48654)
Project Code: proj203
Project Priority: Priority 2 **Project Type:** NEW **Start Date (FYE):** 1999
Department: 2011 **Status:** Active **Completion Date (FYE):** 2017

Description:

Surface Water Intake on South fork of Shenandoah River and waterline to the existing water treatment plant as outlined in the Wiley & Wilson "Waterline Route Study-Shenandoah River", November 18, 1999.

Justifications:

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

Explanation:

$33,299,321 projected final project cost - $19,001,625 bond funded in 2017: 1,609,081 previously funded by enterprise revenue to capital projects (complete)
• 2016 Completion of Design
• 2017 Construction and Construction Management

Alternative:

1. Western source reservoirs
2. Western source groundwater
3. Eastern source groundwater
4. Joint Plan with Rockingham County
5. Limit growth.
All listed alternatives have been evaluated and they were ranked lower in meeting total criteria as compared to the Eastern Source Development Project.

Goals/Objectives/ Strategies:

S 11.1.1

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning	$1,134,692	$239,035						$1,373,727
Land	$479,695	$153,384						$633,079
Construction	$10,690,726		$19,231,399					$29,922,125
Equipment								$0
Other Expenses	$955,410		$414,980					$1,370,390
Total	$13,260,523	$392,419	$19,646,379	$0	$0	$0	$0	$33,299,321

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue								$0
Enterprise Revenue								$0
Bond Proceeds	$2,620,000		$19,001,625					$21,621,625
Grants	$68,615							$68,615
Capital Project Fund	$10,571,908	$392,419	$644,754					$11,609,081
Other Revenue								$0
Total	$13,260,523	$392,419	$19,646,379	$0	$0	$0	$0	$33,299,321

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Western Potable System (910161-48670)
Project Code: proj213
Project Priority: Priority 2 **Project Type:** REPLACEMENT **Start Date (FYE):** 2008
Department: 2011 **Status:** Active **Completion Date (FYE):** 2050

Description:

The City's rural customer base along Route 33 West is supplied from a 10" diameter cast iron (unlined) pipe that has been installed in the late 1890's. This program begins to address funding for lifecycle replacement of the pipeline. Additionally, other rural areas are also supplied by an expanded network outside of the City's Corporate Limits. The replacement or rehabilitation of these lines are included in this program.

Current Replacement Value of Assets = TBD
Current Value after Depreciation = TBD

Justifications:

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

Explanation:

Current funding strategy recognizes the planned replacement of the aging 10" cast iron line between Coopers Mountain Tank and Riven Rock Park. This line is currently 115 years old with a life expectancy of 150 years. Required funding is calculated at $2,375,000 over 35 years. 2020 - Approximate $300,000 provides for the Phase 1 construction of approximately 2,400 feet of 10" replacement west of Coopers Mountain Pump Station. Funding for future risk reduction relocations associated with 2013 in-house study to be included in next year CIP. Funding for conversion of rural customers to the existing 16" waterline from WTP to Coopers Mountain Tank to be included in next year CIP. (Unknown at this time).

Funding to Capital Projects
Level Funding from Enterprise Revenue to Capital Project Funds = $68,000 per year 2016-2020
Required Enterprise Revenue beyond 2020 = $1,994,120
Prior Funding to Capital Project Fund = $375,000

Goals/Objectives/ Strategies:

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Alternative:

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

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction	$334,120	$0	$0	$0	$0	$300,000	$2,075,000	$2,709,120
Equipment								$0
Other Expenses								$0
Total	$334,120	$0	$0	$0	$0	$300,000	$2,075,000	$2,709,120

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue								$0
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund	$334,120					$300,000	$2,075,000	$2,709,120
Other Revenue								$0
Total	$334,120	$0	$0	$0	$0	$300,000	$2,075,000	$2,709,120

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
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" funds management of water assets integral to the City's water system.
•Current Replacement Value---Pumps: $5,336,700 + Tanks: $12,678,800 + Distribution Controls: $1,773,000 = Total: $19,778,500
•Current Value After Depreciation---Pumps: $1,456,600 + Tanks: $6,396,600 (w/o SCADA + Distribution Controls: $1,048,600 = Total: $8,901,800

Justifications:

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

Explanation:

Assets will be retired/upgraded/added through planned mgt. of components (pumps/tanks/control valves/instrumentation). Parameters and strategies include useful life projections/cond. assessments/life cycle analyses of assets. Cond. assessments include Tank Maintenance driven by evaluations from professional inspectors. This subprogram makes resources avail. to allow PU to stay current with new tech./products and preplan retirement of assets at the optimum stage in their lifecycle.
Asset Replacement Methodology:
Level 1: Retirement date established by Age only; Level 2: Retirement date established by Age and Qualitative Cond.Assessment; Level 3: Retirement date established by Age and Quantitative Cond.Assessment
Special Appropriations:
Plan assumes a $4,000,000.00 BOND is issued in 2016 for a New Park View Tank & Pump Station
Projected Yearly Asset Expenses:
Asset replacement funding based on Level 2 condition assessment, over the next 20 Years, @ $210,200/year
Tank Inspections & maintenance plan update @ $25,000/year
Project Expenses:
2016- $4,000,000 for proposed Parkview Tank & Pump Station. 2016- $34,000 Rep./upgrades to Washington St.,JMU & Ramblewood Rd. Tanks. 2017- $400,000 for Rehab.and Painting of Ridgeville Tank. 2019- Anticipate $57,300 for Life Cycle Asset Replacements-(old Park View Pumps).
Funding to Capital Projects
Level Funding from Enterprise Revenue to Capital Project Funds = $300,000 per year 2016-2020; Required Enterprise Revenue beyond 2020 = $2,830,036; Prior Funding = $1,327,469

Goals/Objectives/ Strategies:

S 11.1.1
S 11.1.2

Alternative:

Reactive approach; Schedule can be altered with acceptance risk.

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning		$405,900	$63,750	$25,000	$25,000	$25,000		$544,650
Land		$202,950						$202,950
Construction	$519,505	$3,450,150	$361,250				$4,521,700	$8,852,605
Equipment					$57,300			$57,300
Other Expenses								$0
Total	$519,505	$4,059,000	$425,000	$25,000	$82,300	$25,000	$4,521,700	$9,657,505

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue								$0
Enterprise Revenue								$0
Bond Proceeds		$4,000,000						$4,000,000
Grants								$0
Capital Project Fund	$519,505	$59,000	$425,000	$25,000	$82,300	$25,000	$4,521,700	$5,657,505
Other Revenue								$0
Total	$519,505	$4,059,000	$425,000	$25,000	$82,300	$25,000	$4,521,700	$9,657,505

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: BLACKS RUN INTERCEPTOR UPGRADE PROG (911161-48641)
Project Code: sew203
Project Priority: Priority 2 **Project Type:** REPLACEMENT **Start Date (FYE):** 1991
Department: 2012 **Status:** Active **Completion Date (FYE):** PROJECT

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.

Justifications:

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

Explanation:

Allows for continued growth by expanding interceptor pipe capacity, helps to reduce infiltration/inflow by pipe upgrade and reduces maintenance by pipe upgrade.

#387 - Country Club Road $900,000 over 2016, 2017, 2018
#282 - Wolf to Water Street $600,000 over 2019, 2020

Other Schedules to be completed.

Total $8.062 million cost estimate is based on 1989 W&W study. This estimate has not been adjusted for 2014 dollars.

Total $900,000 cost estimate is based on $300 per liner foot of replacement including bypass pumping. This estimate is part of the $8.062 million total.

Funding to Capital Projects
Level Funding from Enterprise Revenue to Capital Project Funds = $300,000 per year 2016-2020
Required Enterprise Revenue beyond 2020 = $1,556,800
Prior = $5,005,200

Goals/Objectives/ Strategies:

S 11.2.1
S 11.2.2
S 11.2.3

Alternative:

1. Eliminate stated commitment with possible impact to growth, property, and the environment by down-sizing the scope of work.
2. Delay progressive implementation and opt for future debt funding of a larger comprehensive project with the same scope of work.

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction	$4,516,500	$300,000	$300,000	$300,000	$300,000	$300,000	$2,045,500	$8,062,000
Equipment								$0
Other Expenses								$0
Total	$4,516,500	$300,000	$300,000	$300,000	$300,000	$300,000	$2,045,500	$8,062,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue								$0
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund	$4,516,500	$300,000	$300,000	$300,000	$300,000	$300,000	$2,045,500	$8,062,000
Other Revenue								$0
Total	$4,516,500	$300,000	$300,000	$300,000	$300,000	$300,000	$2,045,500	$8,062,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Capital Outlay
Project Code: sew213
Project Priority: Priority 2 **Project Type:** Not Set **Start Date (FYE):** 2013
Department: 2012 **Status:** Active **Completion Date (FYE):** 2020

Description:

This program targets funding for vehicles and consturction equipment as itemized below.(Based on 15 yr. cycle)

Explanation:

2016
103 Small Dump & Trailer: $80,000
165 Payloader: $125,000

2017
111 Crew Truck: $115,000
Track Skid Steer: $85,000

2018
121 Emergency Truck: $125,000
118 Crew Truck: $115,000

2019
168 Backhoe with Breaker: $125,000
136 Vac Truck: $150,000

2020
114 Flusher: $150,00
101 Shop Truck: $125,0000

Funding to Capital Projects
Level Funding from Enterprise Revenue to Capital Project Funds = $239,000 per year 2016-2020

Alternative:

Delay schedule, higher O&M Funding, Rental

Justifications:

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

Goals/Objectives/ Strategies:

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O 18.5

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction								$0
Equipment		$205,000	$200,000	$240,000	$275,000	$275,000		$1,195,000
Other Expenses								$0
Total	$0	$205,000	$200,000	$240,000	$275,000	$275,000	$0	$1,195,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue								$0
Enterprise Revenue								$0
Bond Proceeds								$0
Grants								$0
Capital Project Fund		$205,000	$200,000	$240,000	$275,000	$275,000		$1,195,000
Other Revenue								$0
Total	$0	$205,000	$200,000	$240,000	$275,000	$275,000	$0	$1,195,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: SCHOOL BUSES
Project Code: trans2
Project Priority: Priority 2 **Project Type:** ADDITION & REPLACEMENT **Start Date (FYE):** ONGOING
Department: 822081 **Status:** Active **Completion Date (FYE):** ONGOING

Description:

School buses are recommended to be replaced 10-12 years (150,000 miles)

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.

Justifications:

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

Goals/Objectives/ Strategies:

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S 10.4.3

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction								$0
Equipment	$400,000	$300,000	$300,000	$325,000	$440,000	$450,000		$2,215,000
Other Expenses								$0
Total	$400,000	$300,000	$300,000	$325,000	$440,000	$450,000	$0	$2,215,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue								$0
Enterprise Revenue	$400,000	$300,000	$300,000	$325,000	$440,000	$450,000		$2,215,000
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$400,000	$300,000	$300,000	$325,000	$440,000	$450,000	$0	$2,215,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: TRANSIT BUSES
Project Code: trans1
Project Priority: Priority 2 **Project Type:** ADDITION & REPLACEMENT **Start Date (FYE):** ONGOING
Department: 812081 **Status:** Active **Completion Date (FYE):** ONGOING

Description:

FY 2016 Replace 4 transit buses
FY 2017 Replace 2 transit buses and 2 para transit expansion
FY 2018 Replace 2 transit buses, 2 transit expansions, 1 para transit replacement
FY 2019 2 Transit expansions
FY 2020 Replace 2 transit buses and 2 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

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction								$0
Equipment	$612,000	$1,640,000	$960,000	$1,762,000	$880,000	$3,278,000		$9,132,000
Other Expenses								$0
Total	$612,000	$1,640,000	$960,000	$1,762,000	$880,000	$3,278,000	$0	$9,132,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue								$0
Enterprise Revenue	$61,200	$164,000	$96,000	$176,200	$88,000	$327,800		$913,200
Bond Proceeds								$0
Grants	$550,800	$1,476,000	$864,000	$1,585,800	$792,000	$2,950,200		$8,218,800
Capital Project Fund								$0
Other Revenue								$0
Total	$612,000	$1,640,000	$960,000	$1,762,000	$880,000	$3,278,000	$0	$9,132,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating			$50,000	$150,000	$150,000			$350,000
Capital								$0
Offsets			($20,000)	($125,000)	($125,000)			($270,000)
Total	$0	$0	$30,000	$25,000	$25,000	$0	$0	$80,000

Capital Improvement Program
FY2016 thru FY2020
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: 420341 **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:

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S 11.5.4
S 11.5.5

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning		$80,000	$85,000	$90,000	$95,000	$100,000		$450,000
Land								$0
Construction	$1,300,000							$1,300,000
Equipment								$0
Other Expenses							$1,403,600	$1,403,600
Total	$1,300,000	$80,000	$85,000	$90,000	$95,000	$100,000	$1,403,600	$3,153,600

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue								$0
Enterprise Revenue	$1,300,000	$80,000	$85,000	$90,000	$95,000	$100,000	$1,403,600	$3,153,600
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$1,300,000	$80,000	$85,000	$90,000	$95,000	$100,000	$1,403,600	$3,153,600

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: RECYCLING EQUIPMENT
Project Code: PWSRCBG
Project Priority: Priority 3 **Project Type:** ADDITION **Start Date (FYE):** 2016
Department: 420341 **Status:** Active **Completion Date (FYE):** 2020

Description:

Recycling sorting building, Beery Road

Explanation:

Improvement to material handling equipment recycling operation volume and reduce landfill. Improvement to building and storage area unloading bin and conveying system. Balers for marketing improvement storage trailers.

Reduce impact on landfill space while producing a marketable product

Alternative:

Develop new solid waste sorting plant and management plan.
Develop Transfer Sorting Facility PWSTSF
Privatize

Cancel recycling program or reduce program, which may impact landfill

Justifications:

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

Goals/Objectives/ Strategies:

O 11.5
S 11.5.1
S 11.5.3

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction		$500,000		$60,000		$50,000		$610,000
Equipment								$0
Other Expenses								$0
Total	$0	$500,000	$0	$60,000	$0	$50,000	$0	$610,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue								$0
Enterprise Revenue		$500,000		$60,000		$50,000		$610,000
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$500,000	$0	$60,000	$0	$50,000	$0	$610,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: TRANSFER TRUCK STEAM PLANT
Project Code: PWSSPE1
Project Priority: Priority 2 **Project Type:** REPLACEMENT **Start Date (FYE):** 2017
Department: 420341 **Status:** Active **Completion Date (FYE):** beyond

Description:

Transfer truck for hauling ashes to county landfill, hauling county landfill trash and waste chips to R.R.P. & ash containers.
Each year 4 containers
393 00 Int 2017
391 08 Mack 2019

Justifications:

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

Explanation:

Transport trucks for hauling ashes, waste, chips, recycling

Alternative:

Hire private contractor

Goals/Objectives/ Strategies:

O 11.5
S 11.5.4
S 11.5.5

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction								$0
Equipment			$200,000		$200,000		$300,000	$700,000
Other Expenses								$0
Total	$0	$0	$200,000	$0	$200,000	$0	$300,000	$700,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue								$0
Enterprise Revenue			$200,000		$200,000		$300,000	$700,000
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$200,000	$0	$200,000	$0	$300,000	$700,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: REFUSE COLLECTION TRUCK REPLACEMENT
Project Code: PWSSWE1
Project Priority: Priority 3 **Project Type:** NEW **Start Date (FYE):** 2013
Department: 420341 **Status:** Active **Completion Date (FYE):** 2020

Description:

Replacement program for refuse collection trucks
303 - 2011 International 2016
304 - 2011 International 2016
306 - 2013 Kenworth 2019
307 - 2009 International 2015
312 - 2013 Kenworth 2019
308 - 2014 Kenworth 2020
310 - 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

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction								$0
Equipment	$270,000	$400,000			$400,000	$400,000		$1,470,000
Other Expenses								$0
Total	$270,000	$400,000	$0	$0	$400,000	$400,000	$0	$1,470,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue								$0
Enterprise Revenue	$270,000	$400,000			$400,000	$400,000		$1,470,000
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$270,000	$400,000	$0	$0	$400,000	$400,000	$0	$1,470,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: RECYCLING TRUCK REPLACEMENT
Project Code: PWSRCE1
Project Priority: Priority 3 **Project Type:** REPLACEMENT **Start Date (FYE):** 2014
Department: 420541 **Status:** Active **Completion Date (FYE):** beyond

Description:

Replacement schedule for recycling collection vehicles
325 04 GMC 2019
319 08 GMC 2015
326 08 GMC 2015
317 08 GMC 2019

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	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction								$0
Equipment	$60,000	$75,000			$200,000		$200,000	$535,000
Other Expenses								$0
Total	$60,000	$75,000	$0	$0	$200,000	$0	$200,000	$535,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue								$0
Enterprise Revenue	$60,000	$75,000			$200,000		$200,000	$535,000
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$60,000	$75,000	$0	$0	$200,000	$0	$200,000	$535,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: RRF AND MRF CLOSURE AND MONITORING
Project Code: PWRRFCLS
Project Priority: Priority 1 **Project Type:** NEW **Start Date (FYE):** 2014
Department: 910142 **Status:** Active **Completion Date (FYE):** ongoing

Description:

A. Quarterly monitoring and testing - $50,000 annually
B. Remove raw MSW from tipping floor - $100,000
Remove recyclables from MRF - $50,000
Remove wastewater - $20,000
Equipment decommission and clean up -$1,000,000

Justifications:

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

Explanation:

DEQ required program for closure plan

Alternative:

Goals/Objectives/ Strategies:

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S 11.5.2
S 11.5.3
S 11.5.4
S 11.5.5

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning		$50,000	$50,000	$50,000	$50,000	$50,000		$250,000
Land								$0
Construction								$0
Equipment								$0
Other Expenses							$1,000,000	$1,000,000
Total	$0	$50,000	$50,000	$50,000	$50,000	$50,000	$1,000,000	$1,250,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue								$0
Enterprise Revenue		$50,000	$50,000	$50,000	$50,000	$50,000	$1,000,000	$1,250,000
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$50,000	$50,000	$50,000	$50,000	$50,000	$1,000,000	$1,250,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: SKID LOADER
Project Code: PWSRCE2
Project Priority: Priority 3 **Project Type:** REPLACEMENT **Start Date (FYE):** 2017
Department: 972043 **Status:** Active **Completion Date (FYE):** 2017

Description:

Replacement skid loaders forklift schedule

376 94 743 BC 2015
377 99 753 BC 2017
Forklift 2015

Justifications:

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

Explanation:

Used to transport recyclable materials to and from baling process.

Alternative:

Stop recycling
Privatize

Goals/Objectives/ Strategies:

O 11.5

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning								$0
Land								$0
Construction								$0
Equipment			$80,000					$80,000
Other Expenses								$0
Total	$0	$0	$80,000	$0	$0	$0	$0	$80,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue								$0
Enterprise Revenue			$80,000					$80,000
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$80,000	$0	$0	$0	$0	$80,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: TRANSFER SORTING FACILITY
Project Code: PWSTSF
Project Priority: Priority 3 **Project Type:** NEW **Start Date (FYE):** 2016
Department: 972043 **Status:** Active **Completion Date (FYE):** 2018

Description:

C & D Landfill & Tranfer Station for scaling refuse. Cost includes equipment, property for development near county landfill. Current Rockingham County Landfill capital cost should be utilized to offset this capital expense. Minimal increase in operational expense should be offset by tipping fees at tranfer station.

Explanation:

Development and operation of these sites will alleviate dependancy on the County Landfill, and operationally "discontinue" recycling program.

Alternative:

1. Pay tipping fees at Rockingham County or other landfills

Justifications:

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

Goals/Objectives/ Strategies:

O 11.5
S 11.5.1
S 11.5.2
S 11.5.3
S 11.5.4
S 11.5.5
S 11.5.6
S 11.5.8
S 11.5.9

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning		$150,000						$150,000
Land								$0
Construction		$350,000	$850,000					$1,200,000
Equipment								$0
Other Expenses								$0
Total	$0	$500,000	$850,000	$0	$0	$0	$0	$1,350,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue								$0
Enterprise Revenue		$150,000						$150,000
Bond Proceeds		$350,000	$850,000					$1,200,000
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$500,000	$850,000	$0	$0	$0	$0	$1,350,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
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):** 2016
Department: 2018 **Status:** Active **Completion Date (FYE):** Beyond

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 municpal 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:

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S 8.2.1
O 8.4
S 8.4.8
G 9
O 9.2
S 9.2.1
G 10
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S 11.3.7
S 11.3.9
S 11.3.11

Expenditures:	Prior	2016	2017	2018	2019	2020	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
Total	$0	$135,000	$135,000	$135,000	$135,000	$135,000	$0	$675,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	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
Total	$0	$135,000	$135,000	$135,000	$135,000	$135,000	$0	$675,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Stormwater Improvement Plan
Project Code: PWSWPL02
Project Priority: Priority 2 **Project Type:** NEW **Start Date (FYE):** 2016
Department: 2018 **Status:** Active **Completion Date (FYE):** 2018

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.

Explanation:

Alternative:

None.

Justifications:

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

Goals/Objectives/ Strategies:

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S 8.2.1
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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	2016	2017	2018	2019	2020	Future	Total
Planning		$100,000	$100,000	$100,000				$300,000
Land								$0
Construction								$0
Equipment								$0
Other Expenses								$0
Total	$0	$100,000	$100,000	$100,000	$0	$0	$0	$300,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue								$0
Enterprise Revenue		$100,000	$100,000	$100,000				$300,000
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$100,000	$100,000	$100,000	$0	$0	$0	$300,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
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: 2018 **Status:** Active **Completion Date (FYE):** Beyond

Description:

Improve storm drain system to reduce flooding of Waterman Drive and adjoining businesses. Also, to provide an outlet for storm water from South Park View area.

Explanation:

Improvements to this storm drain are needed to help allievate current flood issues in the Park View area.

Alternative:

None.

Justifications:

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

Goals/Objectives/ Strategies:

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Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning					$260,000			$260,000
Land						$750,000		$750,000
Construction							$2,600,000	$2,600,000
Equipment								$0
Other Expenses								$0
Total	$0	$0	$0	$0	$260,000	$750,000	$2,600,000	$3,610,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	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
Total	$0	$0	$0	$0	$260,000	$750,000	$2,600,000	$3,610,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: East Market Regenerative Conveyance Channel
Project Code: PWSWPR03
Project Priority: Priority 2 **Project Type:** ADDITION **Start Date (FYE):** 2016
Department: 2018 **Status:** Active **Completion Date (FYE):** 2016

Description:

Install a regenerative stormwater conveyance system along East Market Street per the CWP Retrofit study.

Explanation:

This project was preliminarily designed through the CWP Retrofit Study and found to be a very cost effective means of assisting the City in acheiving the require TMDL reductions as required by the MS4 permit. SLAF grant funding will be pursued to assist in the cost of the project.

Alternative:

None.

Justifications:

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

Goals/Objectives/ Strategies:

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S 11.3.7
S 11.3.9

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning		$150,000						$150,000
Land		$750,000						$750,000
Construction								$0
Equipment								$0
Other Expenses								$0
Total	$0	$900,000	$0	$0	$0	$0	$0	$900,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue								$0
Enterprise Revenue		$450,000						$450,000
Bond Proceeds								$0
Grants		$450,000						$450,000
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$900,000	$0	$0	$0	$0	$0	$900,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
Project Request Form

Project Title: Downtown Bioretention and Bump-Outs
Project Code: PWSWPR04
Project Priority: Priority 2 **Project Type:** ADDITION **Start Date (FYE):** 2016
Department: 2018 **Status:** Active **Completion Date (FYE):** 2019

Description:

Install bioretention stormwater management areas within new intersection bumpouts throughout the downtown area.

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 benefical to install small bioretention areas within those bumpouts to assist the City with meeting is 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.

Justifications:

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

Goals/Objectives/ Strategies:

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S 8.2.1
G 10
O 10.1
S 10.1.9
O 10.7
S 10.7.2
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S 11.3.7
S 11.3.9

Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning		$10,000	$10,000	$10,000	$10,000			$40,000
Land								$0
Construction		$30,000	$30,000	$30,000	$30,000			$120,000
Equipment								$0
Other Expenses								$0
Total	$0	$40,000	$40,000	$40,000	$40,000	$0	$0	$160,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue								$0
Enterprise Revenue		$40,000	$40,000	$40,000	$40,000			$160,000
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$40,000	$40,000	$40,000	$40,000	$0	$0	$160,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

Capital Improvement Program
FY2016 thru FY2020
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: 2018 **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

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 where drainage area, ownership of property, and benefit of each individual measure.

Alternative:

None.

Justifications:

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

Goals/Objectives/ Strategies:

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S 9.2.4
G 10
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S 10.1.9
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O 11.3
S 11.3.7
S 11.3.9

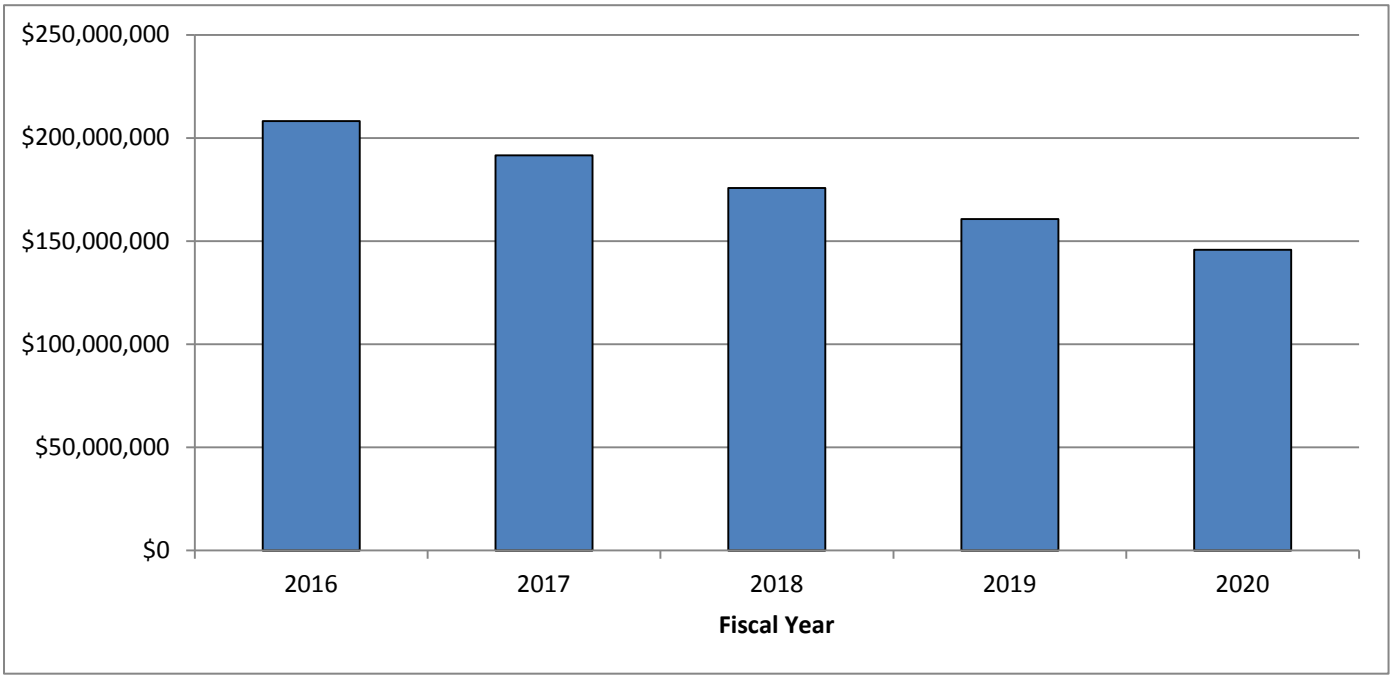
Expenditures:	Prior	2016	2017	2018	2019	2020	Future	Total
Planning			$34,000					$34,000
Land								$0
Construction			$166,000					$166,000
Equipment								$0
Other Expenses								$0
Total	$0	$0	$200,000	$0	$0	$0	$0	$200,000

Funding Sources:	Prior	2016	2017	2018	2019	2020	Future	Total
General Revenue								$0
Enterprise Revenue			$200,000					$200,000
Bond Proceeds								$0
Grants								$0
Capital Project Fund								$0
Other Revenue								$0
Total	$0	$0	$200,000	$0	$0	$0	$0	$200,000

Operating Impacts:	Prior	2016	2017	2018	2019	2020	Future	Total
Personnel								$0
Operating								$0
Capital								$0
Offsets								$0
Total	$0	$0	$0	$0	$0	$0	$0	$0

CITY OF HARRISONBURG, VIRGINIA
EXISTING DEBT (PRINCIPAL AND INTEREST)
NEXT FIVE FISCAL YEARS

Beginning of Fiscal Year	Principal	Interest	Total Debt Service
2016	159,073,829	49,108,025	208,181,854
2017	148,401,639	43,155,811	191,557,450
2018	138,125,933	37,597,221	175,723,154
2019	128,284,067	32,398,603	160,682,670
2020	118,054,200	27,608,669	145,662,869



City of Harrisonburg, Virginia
General Fund
Schedule of Cash/Funds Available for Capital Outlays and Capital Projects
For the Ten Year Period July 1, 2010 Through June 30, 2020

	Fiscal Years									
	Actual 2011	**Actual 2012**	**Actual 2013**	**Actual 2014**	**Budgeted 2015**	**Estimated 2016**	**Estimated 2017**	**Estimated 2018**	**Estimated 2019**	**Estimated 2020**
Amount from fund balance	2,012,775	2,535,018	7,039,135	5,324,108	177,477	-	-	-	-	-
Revenues:										
General property taxes	31,517,076	32,225,836	33,856,806	33,508,296	36,994,200	37,183,395	37,632,389	38,103,030	38,852,085	39,891,198
Other local taxes	31,184,600	32,347,592	34,218,779	35,669,089	36,652,870	37,658,768	38,693,491	39,757,881	40,852,806	41,979,160
License permits and privilege fees	561,856	497,936	536,966	455,595	397,270	403,487	409,863	416,404	422,442	428,596
Fines and forfeitures	612,610	462,741	565,287	746,430	600,000	611,000	622,220	633,664	645,338	657,244
Use of money and property	172,838	151,961	174,626	152,187	170,000	172,700	82,969	84,959	87,521	90,697
Charges for services	1,356,362	5,643,072	6,869,489	7,435,262	1,358,000	1,383,257	1,410,738	1,438,831	1,467,550	1,496,359
Miscellaneous revenues	5,159,982	5,823,510	5,308,050	5,565,495	5,223,100	5,156,340	5,157,197	5,158,071	5,158,962	5,159,871
Recovered costs	1,126,374	1,079,371	901,759	1,037,660	911,440	906,524	894,787	895,774	898,403	899,075
State revenue	9,067,021	9,131,057	9,284,997	9,857,031	9,983,902	9,695,927	9,815,447	9,937,267	10,061,433	10,187,995
Federal revenue	492,162	229,463	226,393	288,215	7,500	-	-	-	-	-
Non-revenue receipts	38,128	16,835	153,743	312,591	37,000	37,000	37,000	37,000	37,000	37,000
Debt proceeds	8,204,483	22,042,219	-	48,285,771	-	-	-	-	-	-
Transfers - Operating	1,506,264	1,561,706	1,658,472	1,726,416	1,777,920	1,813,478	1,849,748	1,886,743	1,924,478	1,962,967
Transfers - Other	282	2,852,047	-	-	-	-	-	-	-	-
Total revenue excluding fund balance	91,000,037	114,065,344	93,755,367	145,040,037	94,113,202	95,021,876	96,605,848	98,349,623	100,408,018	102,790,163
Expenditures:										
General government	3,654,294	3,966,216	4,150,409	4,544,707	4,472,690	4,689,996	4,816,861	4,947,186	5,081,066	5,218,599
Public safety	16,100,327	16,031,535	16,854,287	18,548,871	18,225,511	19,059,471	19,575,048	20,104,688	20,648,776	21,207,710
Public works	7,461,134	10,725,387	11,637,316	13,311,181	10,160,463	10,126,495	10,413,262	10,708,206	11,011,562	11,323,572
Health and welfare	726,786	764,986	794,301	880,991	967,533	996,559	1,026,456	1,057,249	1,088,967	1,121,636
Parks and recreation	4,730,074	4,882,452	4,724,400	4,705,090	4,805,653	5,033,128	5,171,368	5,313,435	5,459,438	5,609,486
Community development	2,687,527	2,915,952	2,975,639	3,006,932	3,202,926	3,325,941	3,421,473	3,519,764	3,620,895	3,724,948
Joint operations	5,881,509	6,120,536	6,243,855	6,688,284	7,052,037	7,263,598	7,481,506	7,705,951	7,937,130	8,175,244
Reserve for contingencies	-	-	-	-	1,004,205	250,000	250,000	250,000	250,000	250,000
Bond refunding issues	5,924,588	22,031,656	-	47,728,613	-	-	-	-	-	-
Debt service and fiscal charges	12,735,994	12,781,950	13,673,411	12,660,020	12,861,909	13,283,259	12,968,093	12,180,829	12,159,757	12,077,236
Transfers - Other than Schools	3,361,766	3,949,215	3,032,418	2,434,800	2,066,892	2,128,899	2,192,766	2,258,549	2,326,305	2,396,094
Transfers - Capital Projects	641,360	26,457	4,549,858	1,890,000	634,000	-	-	-	-	-
Transfers - Schools	24,901,397	25,866,436	26,318,211	27,344,636	28,836,860	29,701,966	30,593,025	31,510,816	32,456,140	33,429,824
Total expenditures	88,806,756	110,062,777	94,954,104	143,744,125	94,290,679	95,859,312	97,909,856	99,556,673	102,040,036	104,534,350
Capital outlay:										
General government	(55,481)	(303,663)	(226,065)	(559,589)	(131,200)	(131,531)	(135,477)	(139,541)	(143,727)	(148,039)
Public safety	(927,536)	(830,737)	(976,896)	(1,815,713)	(622,853)	(561,616)	(578,464)	(595,818)	(613,693)	(632,103)
Public works	(1,694,236)	(2,567,639)	(2,257,166)	(3,221,438)	(3,185,930)	(2,414,318)	(2,426,747)	(2,439,549)	(2,452,736)	(2,466,318)
Parks and recreation	(278,713)	(380,662)	(249,023)	(275,293)	(14,000)	(14,420)	(14,853)	(15,298)	(15,757)	(16,230)
Community development	(35,085)	(52,195)	(16,227)	(16,753)	(59,392)	(61,068)	(62,792)	(64,565)	(66,388)	(68,264)
Total Capital outlays	(2,991,050)	(4,134,896)	(3,725,377)	(5,888,786)	(4,013,375)	(3,182,953)	(3,218,333)	(3,254,772)	(3,292,302)	(3,330,954)
Transfers to Capital projects	(641,360)	(1,359,243)	(4,954,058)	(1,890,000)	(634,000)	-	-	-	-	-
Total cap outlays & trans to cap proj.	(3,632,410)	(5,494,139)	(8,679,435)	(7,778,786)	(4,647,375)	(3,182,953)	(3,218,333)	(3,254,772)	(3,292,302)	(3,330,954)
Exp other than cap outlays & cap pj	85,174,346	104,568,638	86,274,669	135,965,339	89,643,304	92,676,360	94,691,523	96,301,901	98,747,735	101,203,395
Cash/Funds Avail for CO & Cap Proj	**5,825,691**	**9,496,706**	**7,480,699**	**9,074,698**	**4,469,898**	**2,345,517**	**1,914,325**	**2,047,722**	**1,660,283**	**1,586,767**

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, 2010 Through June 30, 2020

	Fiscal Years									
	Actual 2011	**Actual 2012**	**Actual 2013**	**Actual 2014**	**Budgeted 2015**	**Estimated 2016**	**Estimated 2017**	**Estimated 2018**	**Estimated 2019**	**Estimated 2020**
Amount from fund balance	-	-	-	-	-	-	-	-	-	-
Revenues:										
Use of money and property	-	151	117	181	-	-	-	-	-	-
Charges for services	-	2,161,529	2,423,515	2,699,816	3,046,943	3,130,734	3,216,887	3,305,468	3,396,549	3,490,200
Miscellaneous	-	6,556	31,001	3,690	500	-	-	-	-	-
Transfers - General Fund	-	574,049	190,058	-	-	-	-	-	-	-
Transfers - Other Funds	-	-	105,000	-	-	-	-	-	-	-
Total revenue excluding fund balance	-	2,742,286	2,749,691	2,703,687	3,047,443	3,130,734	3,216,887	3,305,468	3,396,549	3,490,200
Expenditures:										
Personal service	-	1,174,722	1,251,990	1,164,496	1,292,224	1,400,380	1,435,389	1,471,274	1,508,056	1,545,757
Fringe benefits	-	468,348	456,522	444,161	579,568	610,457	625,719	641,362	657,396	673,831
Purchased services	-	35,575	39,851	31,354	40,800	42,024	43,285	44,583	45,921	47,298
Internal services	-	556,296	603,916	719,294	663,500	683,405	703,907	725,024	746,775	769,178
Other charges	-	101,669	100,239	100,758	104,851	107,997	111,236	114,574	118,011	121,551
Materials and supplies	-	19,209	27,767	21,298	22,000	22,660	23,340	24,040	24,761	25,504
Capital outlay	-	278,630	290,394	94,378	254,500	300,000	300,000	325,000	440,000	450,000
Res for contingencies	-	-	-	-	90,000	-	-	-	-	-
Total expenditures	-	2,634,448	2,770,681	2,575,739	3,047,443	3,166,922	3,242,876	3,345,857	3,540,919	3,633,119
Capital outlay	-	(278,630)	(290,394)	(94,378)	(254,500)	(300,000)	(300,000)	(325,000)	(440,000)	(450,000)
Cash/Funds Avail for CO & Cap Proj	**-**	**386,468**	**269,404**	**222,326**	**254,500**	**263,812**	**274,011**	**284,612**	**295,630**	**307,081**

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, 2010 Through June 30, 2020

	Fiscal Years									
	Actual 2011	**Actual 2012**	**Actual 2013**	**Actual 2014**	**Budgeted 2015**	**Estimated 2016**	**Estimated 2017**	**Estimated 2018**	**Estimated 2019**	**Estimated 2020**
Amount from fund balance	54,375	446,105	72,986	90,139	-	-	-	-	-	-
Revenues:										
Use of money and property	50,391	60,773	92,380	79,790	75,000	76,500	78,030	79,591	81,182	82,806
Charges for service	3,527,058	1,558,573	1,652,818	1,768,085	1,770,250	1,802,330	1,835,052	1,868,428	1,902,471	1,937,196
Miscellaneous	27,724	25,429	13,036	20,609	-	-	-	-	-	-
Recovered costs	34,000	96	79	61,786	99,500	99,500	99,500	99,500	99,500	99,500
Intergovernmental revenue	1,070,003	4,358,247	2,340,054	3,360,394	3,224,920	3,840,992	3,276,292	4,046,338	3,301,749	5,510,144
Transfers - Depreciation, etc.	296,852	216,660	216,660	216,660	216,660	216,660	216,660	216,660	216,660	216,660
Transfers - General Fund	982,145	426,830	495,572	550,822	248,417	255,870	263,546	271,452	279,596	287,983
Total revenue excluding fund balance	5,988,173	6,646,607	4,810,599	6,058,147	5,634,747	6,291,852	5,769,079	6,581,968	5,881,158	8,134,289
Expenditures:										
Personal service	2,686,040	1,606,836	1,702,593	1,820,453	1,940,383	2,120,093	2,173,095	2,227,422	2,283,108	2,340,186
Fringe benefits	838,532	381,440	360,596	436,591	546,286	588,643	603,359	618,443	633,904	649,752
Purchased services	98,829	116,988	91,404	89,197	149,250	153,728	158,339	163,090	167,982	173,022
Internal services	1,388,532	1,134,487	1,307,074	1,245,808	1,538,100	1,584,243	1,631,770	1,680,723	1,731,145	1,783,079
Other charges	288,201	190,446	230,070	249,716	309,868	319,164	328,739	338,601	348,759	359,222
Materials and supplies	48,667	27,135	21,858	41,027	46,200	47,586	49,014	50,484	51,999	53,558
Depreciation	355,572	216,660	216,660	216,660	216,660	216,660	216,660	216,660	216,660	216,660
Capital outlay	237,784	2,768,476	966,214	1,390,347	732,000	1,665,000	985,750	1,788,523	907,318	3,306,138
Res for contingencies	-	-	-	-	156,000	-	-	-	-	-
Transfers - Capital projects	-	483,717	-	-	-	-	-	-	-	-
Total expenditures	5,942,157	6,926,185	4,896,469	5,489,797	5,634,747	6,695,116	6,146,726	7,083,946	6,340,875	8,881,617
Capital outlay	(237,784)	(2,768,476)	(966,214)	(1,390,347)	(732,000)	(189,000)	(121,750)	(202,723)	(115,318)	(355,938)
Transfers - Capital projects	-	(483,717)	-	-	-	-	-	-	-	-
Cash/Funds Avail for CO & Cap Proj	**283,801**	**2,972,616**	**880,344**	**1,958,696**	**732,000**	**(214,264)**	**(255,897)**	**(299,255)**	**(344,399)**	**(391,390)**

City of Harrisonburg, Virginia
Water Fund
Schedule of Cash/Funds Available for Capital Outlays and Capital Projects
For the Ten Year Period July 1, 2010 Through June 30, 2020

	Fiscal Years									
	Actual 2011	**Actual 2012**	**Actual 2013**	**Actual 2014**	**Budgeted 2015**	**Estimated 2016**	**Estimated 2017**	**Estimated 2018**	**Estimated 2019**	**Estimated 2020**
Amount from fund balance	22,506	1,745,281	-	367,625	-	-	-	-	-	-
Revenues:										
License permits & privilege fees	348,338	133,300	199,500	243,867	150,000	150,000	150,000	150,000	150,000	150,000
Use of money and property	25,603	29,019	28,936	26,428	25,000	25,000	25,000	25,000	25,000	25,000
Charges for services	5,698,695	5,664,705	5,847,064	6,119,344	6,213,483	6,337,753	6,465,482	6,595,795	6,728,744	6,864,383
Miscellaneous	16,453	6,162	19,705	46,293	5,000	-	-	-	-	-
Recovered costs	14,166	30,341	21,609	33,411	25,000	25,000	25,000	25,000	25,000	25,000
Transfers - Depreciation, etc.	1,838,544	1,815,396	2,166,636	1,867,791	1,859,205	1,896,389	1,934,317	1,973,003	2,012,463	2,052,713
Transfers - General Fund	-	-	30,142	-	-	-	-	-	-	-
Premium on sale of bonds	195,277	40,982	-	-	-	-	-	-	-	-
Proceeds from debt	9,570,000	1,325,000	-	-	-	-	-	-	-	-
Total revenue excluding fund balance	17,707,075	9,044,905	8,313,592	8,337,134	8,277,688	8,434,142	8,599,799	8,768,798	8,941,207	9,117,096
Expenditures:										
Personal service	1,419,987	1,379,520	1,421,567	1,530,721	1,664,977	1,752,726	1,796,545	1,841,458	1,887,495	1,934,682
Fringe benefits	446,110	451,146	510,759	489,454	591,543	616,582	631,996	647,796	663,991	680,591
Purchased services	204,597	212,327	174,076	161,002	247,950	255,389	263,050	270,942	279,070	287,442
Internal services	25,893	27,876	22,713	19,331	19,700	20,291	20,900	21,527	22,173	22,838
Other charges	432,144	467,941	415,918	491,059	496,543	511,439	526,782	542,586	558,864	575,629
Materials and supplies	340,633	304,733	266,116	415,334	358,948	369,716	380,808	392,232	403,999	416,119
Depreciation	1,840,296	1,842,312	2,166,636	1,867,791	1,859,205	1,896,389	1,934,317	1,973,003	2,012,463	2,052,713
Payment in lieu of taxes	433,128	446,100	480,924	515,658	483,069	492,730	502,585	512,637	522,889	533,347
Capital outlay	130,482	160,418	115,355	127,645	81,000	83,430	85,933	88,511	91,166	93,901
Res for contingencies	-	-	-	-	55,000	-	-	-	-	-
Debt service and fiscal charges	747,006	750,613	764,178	779,403	785,661	781,035	776,260	779,510	782,860	780,360
Bond refunding issue	9,765,277	1,361,112	-	-	-	-	-	-	-	-
Transfers - Capital projects	186,119	2,193,102	177,569	700,000	617,485	-	-	-	-	-
Transfers - Other	859,236	898,420	948,638	987,691	1,016,607	1,047,105	1,078,518	1,110,874	1,144,200	1,178,526
Total expenditures	16,830,908	10,495,619	7,464,449	8,085,089	8,277,688	7,826,833	7,997,695	8,181,076	8,369,170	8,556,148
Capital outlays	(130,482)	(160,418)	(115,355)	(127,645)	(81,000)	(83,430)	(85,933)	(88,511)	(91,166)	(93,901)
Transfers - Capital Projects	(186,119)	(2,193,102)	(177,569)	(700,000)	(617,485)	-	-	-	-	-
Cash/Funds Avail for CO & Cap Proj	**1,192,768**	**902,806**	**1,142,067**	**1,079,690**	**698,485**	**690,738**	**688,037**	**676,233**	**663,203**	**654,849**

City of Harrisonburg, Virginia
Sewer Fund
Schedule of Cash/Funds Available for Capital Outlays and Capital Projects
For the Ten Year Period July 1, 2010 Through June 30, 2020

	Fiscal Years									
	Actual 2011	**Actual 2012**	**Actual 2013**	**Actual 2014**	**Budgeted 2015**	**Estimated 2016**	**Estimated 2017**	**Estimated 2018**	**Estimated 2019**	**Estimated 2020**
Amount from fund balance	27,099	270,839	285,626	346,871	253,390	-	-	-	-	-
Revenues:										
License permits and privilege fees	624,500	208,550	255,000	732,500	225,000	225,000	225,000	225,000	225,000	225,000
Use of money and property	10,106	6,412	7,273	4,692	7,000	7,000	7,000	7,000	7,000	7,000
Charges for services	8,060,340	8,480,679	8,997,296	9,641,809	9,722,620	9,917,072	10,115,414	10,327,838	10,534,394	10,745,082
Miscellaneous	13,522	3,485	9,051	12,900	1,000	-	-	-	-	-
Recovered costs	16,302	16,337	30,925	25,086	30,000	30,000	30,000	30,000	30,000	30,000
Transfers - Depreciation, etc.	1,368,552	1,421,478	1,451,256	1,397,508	1,406,250	1,434,375	1,463,063	1,492,324	1,522,170	1,552,614
Transfers - General Fund	-	-	24,760	-	-	-	-	-	-	-
Transfers - Capital projects	612,500	805,536	344,195	-	-	-	-	-	-	-
Total revenue excluding fund balance	10,705,823	10,942,477	11,119,756	11,814,496	11,391,870	11,613,447	11,840,476	12,082,161	12,318,565	12,559,696
Expenditures:										
Personal service	950,548	945,229	1,031,008	1,038,861	1,123,635	1,176,326	1,205,734	1,235,877	1,266,774	1,298,444
Fringe benefits	341,017	350,323	355,541	379,940	419,833	435,454	446,340	457,499	468,936	480,660
Purchased services	60,612	56,480	56,863	71,630	79,600	81,988	84,448	86,981	89,591	92,278
Internal services	168,045	190,204	186,534	193,356	204,000	210,120	216,424	222,916	229,604	236,492
Other charges	112,507	123,970	125,676	118,851	142,920	147,208	151,624	156,173	160,858	165,683
Materials and supplies	69,330	105,182	118,759	82,124	120,300	123,909	127,626	131,455	135,399	139,461
Depreciation	1,377,660	1,434,168	1,451,256	1,397,508	1,406,250	1,434,375	1,463,063	1,492,324	1,522,170	1,552,614
Payment to HRRSA - Operations	2,661,245	3,126,223	3,276,363	3,279,836	3,408,000	3,476,160	3,545,683	3,616,597	3,688,929	3,762,707
Payment to HRRSA - Debt service	2,408,892	2,853,933	2,824,053	2,814,570	2,810,000	2,810,000	2,810,000	2,810,000	2,810,000	2,810,000
Payment in lieu of taxes	298,404	310,536	314,256	313,782	318,888	325,266	331,771	338,406	345,175	352,078
Capital outlay	113,329	308,232	145,374	286,315	282,000	290,460	299,174	308,149	317,393	326,915
Res for contingencies	-	-	-	-	29,000	-	-	-	-	-
Transfers - Capital projects	300,000	350,000	300,000	400,000	400,000	-	-	-	-	-
Transfers - Other	763,008	790,398	840,342	874,788	900,834	927,859	955,695	984,366	1,013,897	1,044,314
Total expenditures	9,624,597	10,944,876	11,026,026	11,251,561	11,645,260	11,439,124	11,637,581	11,840,743	12,048,725	12,261,645
Capital outlay	(113,329)	(308,232)	(145,374)	(286,315)	(282,000)	(290,460)	(299,174)	(308,149)	(317,393)	(326,915)
Transfers - Capital projects	(300,000)	(350,000)	(300,000)	(400,000)	(400,000)	-	-	-	-	-
Cash/Funds Avail for CO & Cap Proj	**1,494,555**	**655,833**	**539,104**	**1,249,250**	**428,610**	**464,783**	**502,069**	**549,568**	**587,233**	**624,966**

City of Harrisonburg, Virginia
Sanitation Fund
Schedule of Cash/Funds Available for Capital Outlays and Capital Projects
For the Ten Year Period July 1, 2010 Through June 30, 2020

	Fiscal Years									
	Actual 2011	**Actual 2012**	**Actual 2013**	**Actual 2014**	**Budgeted 2015**	**Estimated 2016**	**Estimated 2017**	**Estimated 2018**	**Estimated 2019**	**Estimated 2020**
Amount from fund balance	123,020	960,735	3,436,864	3,234,534	2,884,682	-	-	-	-	-
Revenues:										
Use of money and property	26,911	14,489	13,325	9,248	10,000	10,100	10,302	10,508	10,718	10,933
Charges for services	8,864,829	3,656,449	5,122,442	3,951,937	8,806,505	4,182,000	4,265,640	4,350,953	4,437,972	4,526,731
Miscellaneous	111,527	290	1,240	580	100,500	100,500	100,500	100,500	100,500	100,500
Recovered costs:										
JMU (CISAT Operating)	875,107	1,043,177	904,478	1,516,654	1,331,537	-	-	-	-	-
JMU (CISAT Bond Payment)	471,122	468,441	468,794	463,750	463,750	465,184	-	-	-	-
JMU (Chiller Bond Payment)	131,025	127,375	123,725	120,075	116,425	112,775	109,125	105,475	101,825	-
Proceeds from debt	18,493,896	-	-	-	-	-	-	-	-	-
Premium on sale of bonds	1,138,375	-	-	-	-	-	-	-	-	-
Transfers - Depreciation, etc.	1,239,131	1,281,718	1,158,568	1,158,568	1,237,212	187,600	193,228	199,025	204,996	211,145
Transfers - General Fund	888,590	764,190	390,909	395,705	-	-	-	-	-	-
Total revenue excluding fund balance	32,240,512	7,356,129	8,183,480	7,616,516	12,065,929	5,058,159	4,678,795	4,766,461	4,856,011	4,849,309
Expenditures:										
Personal service	2,067,873	1,137,402	1,361,321	1,387,203	2,524,421	1,013,986	1,039,336	1,065,319	1,091,952	1,119,251
Fringe benefits	777,177	420,216	469,981	514,384	1,031,037	429,091	439,818	450,813	462,084	473,636
Purchased services	1,478,612	782,787	1,508,865	1,074,198	3,627,950	845,476	870,840	896,965	923,874	951,590
Internal services	231,684	46,068	87,048	56,280	358,200	271,405	279,547	287,934	296,572	305,469
Other charges	1,271,489	1,427,001	1,259,209	1,504,815	1,830,788	65,002	66,952	68,961	71,030	73,161
Materials and supplies	306,077	224,297	293,398	244,433	729,650	31,570	32,517	33,492	34,497	35,532
Depreciation	1,239,131	1,281,718	1,237,212	1,237,212	1,237,212	187,600	193,228	199,025	204,996	211,145
Capital outlay	250,916	1,549	214,774	216,800	369,000	369,000	380,070	391,472	403,216	415,313
Res for contingencies	-	-	-	-	89,000	-	-	-	-	-
Debt service and fiscal charges	2,392,129	2,421,021	2,408,367	2,655,706	2,653,353	2,647,277	2,177,110	2,167,313	2,164,350	1,591,129
Bond refunding issue	19,632,270	-	-	-	-	-	-	-	-	-
Transfers - Capital projects	822,000	743,500	1,150,000	400,000	500,000	-	-	-	-	-
Total expenditures	30,469,358	8,485,557	9,990,175	9,291,030	14,950,611	5,860,406	5,479,418	5,561,294	5,652,570	5,176,225
Capital outlay	(250,916)	(1,549)	(214,774)	(216,800)	(369,000)	(369,000)	(380,070)	(391,472)	(403,216)	(415,313)
Transfers - Capital projects	(822,000)	(743,500)	(1,150,000)	(400,000)	(500,000)	-	-	-	-	-
Cash/Funds Avail for CO & Cap Proj	**2,844,069**	**(384,379)**	**(441,920)**	**(1,057,714)**	**(2,015,682)**	**(433,247)**	**(420,553)**	**(403,361)**	**(393,344)**	**88,397**

City of Harrisonburg, Virginia
Stormwater Fund
Schedule of Cash/Funds Available for Capital Outlays and Capital Projects
For the Ten Year Period July 1, 2010 Through June 30, 2020

	Fiscal Years									
	Actual 2011	**Actual 2012**	**Actual 2013**	**Actual 2014**	**Budgeted 2015**	**Estimated 2016**	**Estimated 2017**	**Estimated 2018**	**Estimated 2019**	**Estimated 2020**
Amount from fund balance	-	-	-	-	-	-	-	-	-	-
Revenues:										
Use of money and property	-	-	-	-	-	-	-	-	-	-
Charges for services	-	-	-	-	-	1,979,704	1,989,602	1,999,550	2,763,721	2,777,539
Miscellaneous	-	-	-	-	-	-	-	-	-	-
Recovered costs	-	-	-	-	-	-	-	-	-	-
Intergovernmental revenue	-	-	-	-	-	-	-	-	-	-
Transfers - Depreciation, etc.	-	-	-	-	-	-	-	-	-	-
Transfers - General Fund	-	-	-	-	-	-	-	-	-	-
Total revenue excluding fund balance	-	-	-	-	-	1,979,704	1,989,602	1,999,550	2,763,721	2,777,539
Expenditures:										
Personal service	-	-	-	-	-	136,030	139,938	143,963	148,110	152,553
Fringe benefits	-	-	-	-	-	54,412	55,975	57,585	59,244	61,021
Other operating expenditures	-	-	-	-	-	365,558	354,587	360,452	366,146	602,925
Depreciation	-	-	-	-	-	-	-	-	-	-
Capital outlay	-	-	-	-	-	322,000	149,500	115,000	115,000	69,000
Transfers - Capital projects	-	-	-	-	-	1,101,704	1,265,000	1,265,000	1,897,500	1,892,039
Transfers - General Fund	-	-	-	-	-	-	-	-	-	-
Total expenditures	-	-	-	-	-	1,979,704	1,965,000	1,942,000	2,586,000	2,777,539
Capital outlay	-	-	-	-	-	(322,000)	(149,500)	(115,000)	(115,000)	(69,000)
Transfers - Capital projects	-	-	-	-	-	(1,101,704)	(1,265,000)	(1,265,000)	(1,897,500)	(1,892,039)
Cash/Funds Avail for CO & Cap Proj	**-**	**-**	**-**	**-**	**-**	**1,423,704**	**1,439,102**	**1,437,550**	**2,190,221**	**1,961,039**

*As presented to City Council on November 11, 2014.