

# City of Warrensburg Capital Improvements 2015 - 2019

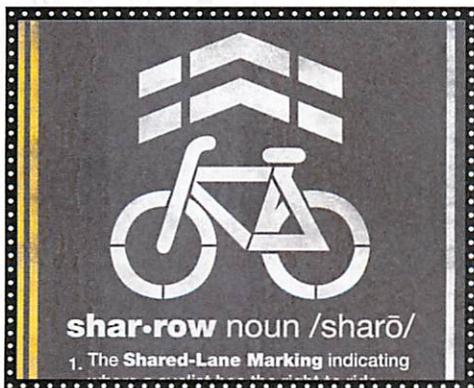
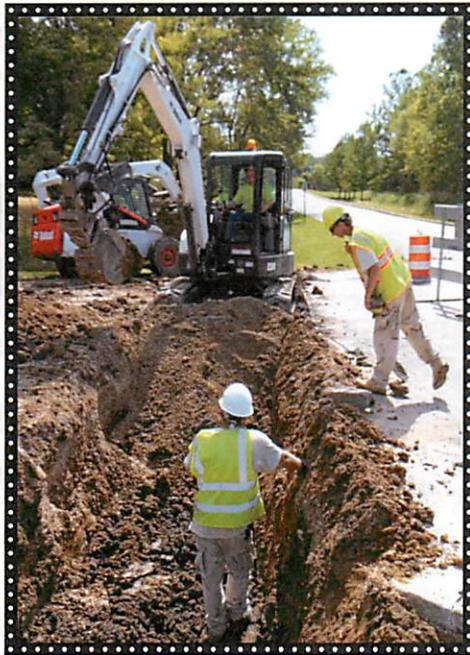


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CITY OF WARRENSBURG, MISSOURI  
CAPITAL IMPROVEMENTS PLAN (CIP)

A capital improvement is a necessary or desired project that extends or improves infrastructure and provides safe and desirable services for the benefit of the community and the quality of life in Warrensburg. These projects directly affect the way citizens and visitors live, travel, and conduct business within the community.

A major public infrastructure planning tool for local governments, the CIP reflects the community's assets, needs and goals, and is a statement of the City's policies and projected financial ability to manage the physical development of the community. The development of a CIP matches information regarding planned public improvements with anticipated funding, and presents a systematic plan for providing the needed improvements within a prioritized framework.

The CIP is a fluid document that can be revised as requirements change and when funding becomes available. The remaining four (4) years of the five-year plan represents all projects that are currently proposed for future funding based on revenue projections. As priorities and revenues change, projects may be added or removed from the CIP. Estimated expenses and revenues are reviewed annually and adjusted if necessary.

**IDENTIFICATION**

The need for capital improvements may be identified by an adopted infrastructure master plan, the desire to maintain certain levels and types of service provided in the community, by community groups, or by regulatory legislation. Projects are prioritized based on the Strategic Plan and recommendations that impact better city services, accommodating city growth, effect on operation and maintenance expenditures, and the overall health, safety and welfare of citizens.

Master Plans are an integral part of a successful CIP that reflect the needs and goals of each department. The following list cites City of Warrensburg Master Plans to date:

- Transportation
  - 2008 City Wide Traffic Study
  - ADA Self Evaluation and Transition Plan
  - Maguire Street Corridor Study
- ½ Cent Sales Tax – Capital Improvements
  - DREAM Initiative
  - 2007 Comprehensive City Plan
  - 2008 Cultural Resource Survey
  - 2015-2019 Strategic Plan
  - Storm Water Master Plan – 5 years
  - Information Technology Master Plan
- Water Pollution Control
  - 2005 Wastewater Facilities Plan
  - 2009 Inflow and Infiltration Assessment and Reduction Plan
  - Sewer Rate Comprehensive Study
- Parks and Recreation
  - Bike Trail Plan

## **CREATION**

The scope of a proposed project is often based on a preliminary study or recommendations from city master plans. Once the project is identified, a preliminary cost estimate and schedule of the design, right-of-way and easement acquisition, and construction of the project is prepared. These initial cost estimates are typically general in nature with considerable contingencies included. If the project is selected for inclusion in the CIP, the estimates and schedules are the basis of the initial project information.

## **Projects and Funding**

A Capital Improvements Plan provides information in which funding through Motor Vehicle Fuel Tax, Vehicle Sales Tax, Gasoline Sales Tax, ½ Cent Sales Tax, Water Pollution Control Rates, Park and Recreation Revenue and various State and Federal Grants are used to fund major projects.

**The Transportation CIP** is funded through Motor Vehicle Fuel Tax, Vehicle Sales Tax and Gasoline Sales Tax. These funds are for the purpose of infrastructure development and repairs. Managed through the Public Works Department and Project Managers, infrastructure is maintained.

- Streets and Sidewalks Improvements
- Signals and Signage
- Transportation Capital Improvement Projects
- Engineering and Design for Transportation funded projects
- Equipment for Transportation funded projects

**Half-Cent Sales Tax**, approved by voters in 2007, is applied toward the debt service for the new City buildings, emergency sirens, fire trucks, and utilities for the new buildings. Any additional revenue can then be used for additional CIP projects that are not funded by any other means, including:

- Monument Signage at City Limits
- Development of donated property
- Information Technology Master Plan Implementation
- Storm Water Master Plan Implementation
- Economic Development Agreements

**Enterprise Fund**, sewer rates are set annually by Council collecting sufficient revenue for operating and maintenance expenses for the budget year. As regulations are announced by Environmental Protection Agency and Department of Natural Resources, rates will be adjusted to cover additional expenses.

- Wastewater Plants Improvements
- Wastewater Collection System Improvements
- Sewer Rate Master Plan Improvements
- Capital Reserves

**Parks and Recreation Funds** are governed by a Parks Board with revenues and expenses presented to Council for approval. Revenues are funded through 3/8 Cent Sales Tax, fees, State and Federal Grants, and Loans

- Park and Trails Improvements
- Maintenance Equipment
- Community Center Improvements
- Software Upgrades

### **PLAN IMPLEMENTATION**

When a project on the CIP schedule is funded, it is assigned to a project manger who will assume oversight responsibilities. A number of steps are required before a project is complete.

#### **Design**

The project manager will coordinate and participate in the selection process for an engineering or architectural design firm, as appropriate. Contracts are awarded to firms on the qualifications and expertise of the firm in the particular type of project. The project manager is responsible for negotiating a detailed scope and fee for the design services with the selected consultant. Design for some projects may be completed by City staff or awarded to consultants through annual on-call contracts.

One or more public meetings may be held for major projects that have significant impacts on property owners and the public to obtain feedback and comments from the community. Comments made at the meetings are considered by City staff and the design firm for inclusion in revised plans, if appropriate, prior to appraisals and property acquisition.

Right-of-way plans define the nature and extent of property required to complete a project. Property acquisition may be in the form of right-of-way, permanent easements or temporary construction easements. The City hires professional appraisers to determine fair market value of the acquisitions, which is the basis for initial offers to property owners.

Once all property is acquired, final plans and specifications can be completed. During this time, any necessary relocation of private utilities (gas, phone, power) is also accomplished. Typically, all relocations are complete prior to bidding a capital project.

#### **Advertisement, Bid and Award**

Capital projects are publicly advertised either through the engineering firm or by City staff. City and consultant staff members evaluate all bids for completeness and correctness, and references for the low bidder are checked. Based on the review and references, the consultant or the City's project manager makes a recommendation for award to the lowest and best bidder. The award of the construction contract is made by the City Council.

#### **Schedule**

The construction contract sets forth the required completion time for the project. Time is counted from the date of the "Notice to Proceed" to the point of substantial completion and final completion. The order and duration of specific tasks within the allotted contract time is typically determined by the contractor.

### **Construction Administration**

The City's project manager is typically responsible for performing and coordinating project administration during construction. This generally includes monitoring project progress, schedule and costs; coordinating and facilitating communications between design consultant, inspections staff, contractor and City staff; negotiating and coordinating approval of changes in the project scope or cost; reviewing and approving regular progress payments; and reporting on the construction progress to City Council and the public through media and City website. Changes to the contract totaling up to five percent of the original bid price may be approved administratively by the appropriate Department Director. Any changes above that amount must be approved by City Council.

### **Substantial Completion**

Substantial completion is defined as the time at which the project has progressed to the point where it is sufficiently complete that it can be utilized for the intended purpose. A comprehensive inspection is performed by City staff and the design consultant to create a list of all incorrect or outstanding items to be completed or corrected. All deficiencies must be completed before final acceptance of the project by the City, and final payment to the contractor.

### **Final Acceptance**

Final acceptance is realized when the contractor has completed all work on the project, including all deficiencies, provided the City a maintenance bond, and has submitted all other close-out documents in accordance with the construction contract. The project manager is responsible for preparing a final project report and submitting to city and department management staff as well as to the City Council.

### **CIP IMPACT ON OPERATING BUDGET**

As part of the Capital Improvement Plan, the impact of each project on the City's operating budget is identified. As capital improvement projects are completed, operation and maintenance of these facilities must be absorbed into the appropriate department operating budget, which provides ongoing services to citizens. These costs may include salaries, equipment, maintenance, and repairs that are adjusted annually to accommodate growth and inflation in maintaining or improving service level.

## **FUNDING DEFINITIONS**

Resources that may be used for various capital improvements are reviewed annually. Consideration must be given to factors such as annual revenue projections from various sources, restrictions on the uses of certain funds, legal limitation on debt capacity and City policies relative to project funding.

### **Gasoline Sales Tax, Vehicle Sales Tax, Vehicle Fees**

Revenue from the Gasoline Sales Tax, Vehicle Sales Tax and Vehicle Fees is used to pay for the transportation and traffic infrastructure improvements, major maintenance, such as street overlay and slurry seal, curb and sidewalk program, crack sealing and pavement markings. This also pays for other road and street programs including traffic master plan studies.

### **1/2 Cent Sales Tax – Capital Improvements**

Approved by voters in 2007, this tax is used to pay for the debt service for the new City buildings, emergency sirens, fire trucks, and utilities for the new buildings. Any additional revenue can then be used for additional CIP projects that are not funded by any other means.

### **3/8 Cent Sales Tax – Parks Department**

Approved by voters, this tax is used for Parks and Recreation improvements.

### **Certificates of Participation**

Bonds backed by general revenues or fees and charges of a government. No voter approval is required. Limitations for bonding capacity are determined by the market and the entity's ability to repay the debt.

### **Grants**

Grants may be received from federal, state or county governments. Grants are typically available for transportation, parks, community development and public safety equipment.

### **Community Development Block Grants (CDBG)**

CDBG program is available to small Missouri communities to improve local facilities, address critical health and safety concerns and develop a greater capacity of growth.

### **Missouri Surface Transportation Program (STP)**

Funds must be allocated toward transportation enhancement activities beyond normal transportation improvement projects.

### **Fees and Charges**

Fees for public service are paid by the customers who benefit from the service. This includes fees applied to the wastewater fund and the parks fund to apply towards CIP projects not included in the General CIP fund.

### **Sewer Rates and Billing**

The treatment of wastewater is paid through monthly billing to the residents of Warrensburg. Sewer rates are evaluated annually and adjusted as needed to cover the costs of wastewater treatment.

### **Private Funding**

Amounts paid by developers, generally for specific infrastructure improvements, pursuant to development agreements between the City and the developers.

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2015-2019 FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM													
TRANSPORTATION PROJECTS FUND 210													
Priority	Project Number	Project Description	Estimated Total Cost	Estimated Annual Operating Cost	Funding Source	Account Number	PRIOR YEARS	PROPOSED Fiscal Yr. (1) 2016	PROPOSED Fiscal Yr. (2) 2018	PROPOSED Fiscal Yr. (3) 2017	PROPOSED Fiscal Yr. (4) 2018	PROPOSED Fiscal Yr. (5) 2019	UNFUNDED/ UNDESIGNATED
	2011-T004c	Maguire and Young Street Striping and Signal Maintenance	\$ 200,000		CIP	680-5707		\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	
	2012-T006	Salt Storage Structure	\$ 53,000		CIP	680-6101		\$ 77,400					
		Veterans Road Extension Engineering update	\$ 20,000		CIP	680-5901		\$ 20,000					
	2013-T004a	Downtown Phase IV Final Design 80/20 Split	\$ 18,000		CIP	680-5901		\$ 90,000					
			\$ 72,000		STP								
	2014-T004	Annual Street Maintenance Overlay Program	\$ 3,400,000		CIP	680-5707	\$ 400,000	\$ 560,000	\$ 560,000	\$ 600,000	\$ 620,000	\$ 640,000	
	2013-T008	Right Turn Lane, Maguire and Young Street - Agreement	\$ 75,000		CIP	680-6403	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000		
	2015-T002	City Wide Traffic Signal Design - Engineering	\$ 50,000		CIP	680-5901		\$ 50,000					
	2014-T001	Curb and Sidewalk Program/ADA	\$ 360,000		CIP	680-6406	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	
	2014-T015	Bike Lanes/Routes Markings and Paint	\$ 12,500		CIP	680-5707		\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	
	2015-T003	Pre-design Hwy 13 and 50 Interchange Study	\$ 50,000		CIP	680-5901		\$ 50,000					
	2015-T004	TIGER Grant Application	\$ 30,000		CIP	680-5699		\$ 30,000					
	2012-T010	Veterans Road Extension between Cayhill and Enterprise Rd	\$ 955,200		CIP				\$ 955,200				
	2012-T007	Implementation of City Wide Traffic & Parking Study											
		Gay, Mitchell, Burkarth Traffic & Signal Improvements	\$ 102,500		CIP					\$ 102,500			
		Engineering Construction Phase	\$ 7,500		CIP					\$ 7,500			
		Implement Burkarth Traffic Study	\$ 30,000		CIP					\$ 30,000			
		Pavement Markings and Signs	\$ 5,000		CIP					\$ 5,000			
	2011-T003	West Pine Street from Warren St. to George Cooper Rd	\$ 3,800,000		CIP								\$ 3,800,000
	2011-T004a	Gay and Maguire Intersection Project	\$ 250,000		CIP								\$ 250,000
	2011-T004b	Maguire and Young Streets	\$ 40,000		CIP								\$ 40,000
	2012-T001	Maguire Street Reconstruction to livable street Cooper Ave. to Hale Lake Road	\$ 14,000,000		CIP								\$ 14,000,000
	2012-T002	Maguire Street and US Hwy 50 Interchange Bridge	?		CIP								
	2012-T009	US 50 and Maguire Street Interchange Signals, Restripe Lanes	\$ 105,000		CIP								\$ 105,000
	2012-T008	US 50 Hwy & Devasher Road Interchange	\$ 19,500,617		CIP								\$ 19,500,617
	2012-T011	Widen DD and Mitchell Intersection	\$ 250,000		CIP								\$ 250,000
	2012-T012	Safe Routes to Schools Program	\$ 80,000		MAP 21								
		Map 21 Match Funds	\$ 20,000		CIP								\$ 100,000
	<b>TOTAL PAGE 1</b>		<b>\$ 43,486,317</b>				<b>\$ 475,000</b>	<b>\$ 994,900</b>	<b>\$ 1,662,700</b>	<b>\$ 882,600</b>	<b>\$ 737,600</b>	<b>\$ 742,600</b>	<b>\$ 38,046,617</b>

2015-2019 FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM													
TRANSPORTATION PROJECTS FUND 210													
Priority	Project Number	Project Description	Estimated Total Cost	Estimated Annual Operating Cost	Funding Source	Account Number	PRIOR YEARS	PROPOSED Fiscal Yr. (1) 2015	PROPOSED Fiscal Yr. (2) 2016	PROPOSED Fiscal Yr. (3) 2017	PROPOSED Fiscal Yr. (4) 2018	PROPOSED Fiscal Yr. (5) 2019	UNFUNDED/ UNDESIGNATED
		Devasher Road Widening from railroad tracks south	\$ 100,000		CIP								\$ 100,000
	2013-T004	Downtown Phase IV Construction	\$ 500,000										
		Holden Street from Grover to South Streets	\$ 309,442		CIP								\$ 829,906
	2013-T005	Downtown Phase V Final Design and Construction Courthouse Square - Market, Maynard, Hout	\$ 1,054,340		CIP								\$ 1,054,340
	2013-T006	Downtown Phase VI Final Design and Construction North St., Gay St., Cutton St. East Pine			CIP								
	2013-T007	Downtown Phase VII Final Design Construction Alleyscapes			CIP								
	2014-T002	DD Bike Trail - Marr Drive to Maguire Street	?		CIP								
	2014-T005	Traffic Signal Upgrade Maguire Street Cooper to Hale Lake Road 11 Controllers Installation	\$ 38,445 \$ 30,000		CIP	680-6499 680-6499							\$ 38,445 \$ 30,000
	2014-T006	Traffic Signal Upgrade Wireless Cooper to Hale Lake Rd	\$ 40,568		CIP	680-6499							\$ 40,568
	2014-T007	Traffic Signal Battery Backup for 11 Signals	\$ 41,492		CIP	680-6499							\$ 41,492
	2014-T008	Signal Radar Detection Wavetronics	\$ 279,708		CIP	680-6499							\$ 279,708
	2014-T009	Pedestrian Access at US Hwy 50 and Maguire Street Bridge	??		CIP								
	2015-T001	Maguire Street Railroad Bridge Engineering to Widen	\$ 100,000		CIP								\$ 100,000
		<b>TOTAL PAGE 2</b>	<b>\$ 2,493,995</b>				<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,514,459</b>
		<b>TOTAL PAGE 1</b>	<b>\$ 43,488,317</b>				<b>\$ 475,000</b>	<b>\$ 994,900</b>	<b>\$ 1,652,700</b>	<b>\$ 862,500</b>	<b>\$ 737,500</b>	<b>\$ 742,500</b>	<b>\$ 38,045,617</b>
		<b>TOTAL TRANSPORTATION PROJECTS</b>	<b>\$ 46,980,312</b>				<b>\$ 475,000</b>	<b>\$ 994,900</b>	<b>\$ 1,652,700</b>	<b>\$ 862,500</b>	<b>\$ 737,500</b>	<b>\$ 742,500</b>	<b>\$ 40,560,076</b>

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

**2015**

**Maguire and Young Street Striping and Signal Maintenance**

**Project 2011-T004**

Project Cost: \$40,000  
Department: Public Works  
Location: Maguire and Young Street  
O & M: \$0  
Description: This project consists of street striping and signal maintenance along Business Hwy 50 and Business US 13 Hwy

**Salt Storage Structure**

**Project 2012-T006**

Project Cost: \$77,400  
Department: Public Works  
Location: Public Works Maintenance Barn  
O & M: \$0  
Description: This structure will enable larger amounts of salt to be stored in order to obtain the best price possible each season.

**Veterans Road Extension Engineering Update**

**Project 2015-T006**

Project Cost: \$20,000  
Department: Public Works  
Location: Enterprise Drive to Cayhill Subdivision  
O & M: \$0  
Description: This project consists of extending Veterans Road from Enterprise Avenue east to Cayhill Subdivision.

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

**2015**

**Downtown Phase IV Final Design**

**Project 2013-T004a**

Project Cost: \$90,000  
Department: Public Works  
Location: South Holden Street - Grover to South Street  
O & M: \$0  
Description: Design only for Phase IV of the Downtown Revitalization Program. Streetscape will continue from Grover Street to South Street to tie in the Downtown area with UCM Crossings area. This is for Engineering only. Possible 80-20 split with STP funding

**Annual Street Maintenance Overlay Program**

**Project 2014-T004**

Project Cost: \$560,000  
Department: Public Works  
Location: Various locations within City of Warrensburg  
O & M: \$0  
Description: This program is an annual street maintenance overlay project to repair and maintain as many streets as possible within the CIP Transportation Budget allowance. Also, includes Paint Machine, Paint Grinder and Trailer purchase

**Right Turn Lane, Maguire and Young Street - Agreement**

**Project 2013-T008**

Project Cost: \$15,000  
Department: Public Works  
Location: Right Turn Lane North Maguire & Young Streets  
O & M: \$0  
Description: This is a development agreement with Central Missouri Community Credit Union for reimbursement for public improvements on the corner of North Maguire and West Young Streets. This is a Five year agreement dated 2014 thru 2018

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

2015

**City Wide Traffic Signal Design - Engineering**

**Project 2015-T002**

Project Cost: \$50,000  
Department: Public Works  
Location: City Wide Traffic Signal Design  
O & M: \$0  
Description: Engineering for design of a City Wide Traffic Signal Design.

**Curb and Sidewalk Program/ADA**

**Project 2014-T001**

Project Cost: \$60,000  
Department: Public Works  
Location: Various locations within City of Warrensburg  
O & M: \$0  
Description: This annual program is an opportunity for owners to improve sidewalks along their properties with a shared cost with the City. This program allows the City to make ADA improvements to coincide with the Street Maintenance Program.

**Bike Lanes/Routes Markings and Paint**

**Project 2014-T015**

Project Cost: \$2,500  
Department: Public Works  
Location: Various locations within City of Warrensburg  
O & M: \$0  
Description: This annual program allows for Public Works to join with the Bike and Pedestrian Task Force to purchase paint and sharrow templates.

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

**2015**

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**Pre-Design Hwy 13 and 50 Interchange Study**

**Project 2015-T003**

Project Cost: \$50,000  
Department: Public Works  
Location: Missouri Hwy 13 and US 50 Interchange  
O & M: \$0  
Description: Pre-design for Hwy 13 and 50 Interchange

**TIGER Grant Application**

**Project 2015-T004**

Project Cost: \$30,000  
Department: Public Works/Community Development  
Location: Maguire Street  
O & M: \$0  
Description: Grant Application for Maguire Street Improvements

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

**2016**

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**Veterans Road Extension**

**Project 2012-T010**

Project Cost: \$955,200

Department: Public Works

Location: Veterans Road, Enterprise Drive to Cayhill Subdivision

O & M: \$0

Description: Extension of Veterans Road from Enterprise Drive  
east to Cayhill Subdivision

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

**2017**

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**Implementation of City Wide Traffic & Parking Study**

**Project 2012-T007**

Project Cost: \$145,000

Department: Public Works

Location: Gay, Mitchell, Burkarth Intersections

O & M: \$0

Description:

This program consists of traffic and signal improvements at each intersection. Engineering of construction phase, Implementation of Burkarth Traffic Study, and Pavement Markings and Signs

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

**FUTURE**

**West Pine Street From Warren St. to George Cooper Rd.**

**Project 2011-T003**

Project Cost: \$3,800,000  
Department: Public Works  
Location: West Pine Street, Warren Street to George Cooper Rd.  
O & M: \$0  
Description:

**Gay and Maguire Intersection Project**

**Project 2011-T004a**

Project Cost: \$250,000  
Department: Public Works  
Location: Gay and Maguire Street Intersection  
O & M: \$0  
Description:

**Maguire and Young Streets Intersection**

**Project 2011-T004b**

Project Cost: \$40,000  
Department: Public Works  
Location: Maguire and Young Street  
O & M: \$0  
Description:

**Maguire Street Reconstruction to Livable Street**

**Project 2012-T001**

Project Cost: \$14,000,000  
Department: Public Works  
Location: Cooper Avenue to Hale Lake Road  
O & M: \$0  
Description:

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

**FUTURE**

**Maguire Street and US Hwy 50 Interchange Bridge**

**Project 2012-T002**

Project Cost:

Department: Public Works

Location: Interchange Bridge

O & M: \$0

Description:

**US Hwy 50 and Maguire Street Interchange Signals, Restripe Lane**

**Project 2012-T009**

Project Cost: \$105,000

Department: Public Works

Location: US Hwy 50 and Maguire Street

O & M: \$0

Description:

**US Hwy 50 and Devasher Road Interchange**

**Project 2012-T008**

Project Cost: \$19,500,617

Department: Public Works

Location: US Hwy 50 and Devasher Road

O & M: \$0

Description:

**Widen DD Hwy and South Mitchell Street Intersection**

**Project 2012-T011**

Project Cost: \$250,000

Department: Public Works

Location: DD Hwy and South Mitchell Street Intersection

O & M: \$0

Description:

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

**FUTURE**

**Safe Routes to Schools Program (Map 21)**

**Project 2012-T012**

Project Cost: \$100,000  
Department: Public Works  
Location: Various locations within City of Warrensburg  
O & M: \$0  
Description: This project would be 80-20 match funding with State Program

**Devasher Road Widening**

**Project**

Project Cost: \$100,000  
Department: Public Works  
Location: Devasher Road, Railroad Tracks south  
O & M: \$0  
Description:

**Downtown Phase IV Construction**

**Project 2013-T004**

Project Cost: \$829,908  
Department: Public Works  
Location: Holden Street, Grover to South Street  
O & M: \$0  
Description: Streetscape Construction on Holden Street from Grover Street to South Street

**Downtown Phase V Final Design and Construction**

**Project 2013-T005**

Project Cost: \$1,054,340  
Department: Public Works  
Location: Courthouse Square, Market, Maynard, Hout Streets  
O & M: \$0  
Description: Streetscape Design Construction around Johnson County Courthouse Square.

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

**FUTURE**

**Traffic Signal Upgrade Maguire Street**

**Project 2014-T005**

Project Cost: \$68,445  
Department: Public Works  
Location: Cooper to Hale Lake Rd.  
O & M: \$0  
Description: This consists of Upgrade traffic signals with installation of 11 controllers

**Traffic Signal Upgrade Wireless**

**Project 2014-T006**

Project Cost: \$40,568  
Department: Public Works  
Location: Cooper to Hale Lake Rd.  
O & M: \$0  
Description: This consists of Upgrade traffic signals with installation of wireless

**Traffic Signal Battery Backup for 11 Signals**

**Project 2014-T007**

Project Cost: \$41,492  
Department: Public Works  
Location: Cooper to Hale Lake Rd.  
O & M: \$0  
Description: This consists of Upgrade traffic signals with installation of battery backup

**Signal Radar Detection Wavetronics**

**Project 2014-T008**

Project Cost: \$279,708  
Department: Public Works  
Location: Cooper to Hale Lake Rd.  
O & M: \$0  
Description: This consists of installation of Radar Detection Wavetronics

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

**FUTURE**

**Maguire Street Railroad Bridge Widening Engineering**

**Project 2015-T001**

Project Cost: \$100,000

Department: Public Works

Location: Maguire Street Railroad Bridge

O & M: \$0

Description: This project is Engineering only for widening  
Maguire Street Railroad Bridge

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

**FUTURE**

**Downtown Phase VI Final Design and Construction**

**Project 2013-T006**

Project Cost:

Department: Public Works

Location: North Street, Gay Street, Culton Street, East Pine Street

O & M: \$0

Description: Streetscape Design and Construction

**Downtown Phase VII Final Design and Construction**

**Project 2013-T007**

Project Cost:

Department: Public Works

Location: Alleyscapes

O & M: \$0

Description: Streetscape Design and Construction

**DD Bike Trail - Marr Drive to Maguire Street**

**Project 2014-T002**

Project Cost:

Department: Public Works

Location: Hwy DD, Marr Drive to Maguire Street

O & M: \$0

Description:

**2015-2019 FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM  
HALF CENT SALES TAX FUND 215**

Priority	Project Number	Project Description	Estimated Total Cost	Estimated Annual Operating Cost	Funding Source	Account Number	PRIOR YEARS	PROPOSED Fiscal Yr. (1) 2015	PROPOSED Fiscal Yr. (2) 2016	PROPOSED Fiscal Yr. (3) 2017	PROPOSED Fiscal Yr. (4) 2018	PROPOSED Fiscal Yr. (5) 2019	UNFUNDED/ UNDESIGNATED
<b>FIRE DEPARTMENT</b>													
		Replace Engine 1122	\$ 500,000										\$ 500,000
		Replace Rescue Unit 1127	\$ 175,000										\$ 175,000
		Replace Engine 1112	\$ 600,000										\$ 600,000
<b>COMMUNITY DEVELOPMENT</b>													
	2012-CD004	Maguire Street Corridor Study LAND USE	\$ 15,000						\$ 5,000	\$ 5,000	\$ 5,000		
	2013-CD002	Comprehensive City Plan 5 year Update	\$ 45,000					\$ 45,000					
	2013-CD008	Event Pavillion on West End of Depot Parking Lot	\$ 750,000		Ballot								\$ 750,000
	2014-CD001	Additional Parking in Pavillion area	\$ 200,000										\$ 200,000
	2011-T002	Entryway Signs Monument Style 2 signs design and acquisition of sites	\$ 160,000		CIP	680-6401	\$ 60,000	\$ 100,000					
<b>ECONOMIC DEVELOPMENT</b>													
	2013-CD004	Future Technology/Business Park Development Costs Infrastructure Costs											
	2013-T009	Spirit Trail East of Warrensburg City Limits Consulting	\$ 16,000		CIP		\$ 16,000						
	2013-T001	Compton Garden - Per Agreement	\$ 20,000		CIP	680-5999	\$ 20,000						
<b>ENVIRONMENT.SOLID WASTE. STORMWATER</b>													
	2012-E001	Stormwater Utility Plan Analysis Master Plan Engineering and Legal Expenses	\$ 359,880		CIP								
		Phase I Data Gathering					\$ 48,715						
		Phase II Analysis and Report by Watershed 1/4				680-5901	\$ 83,575						
		Phase III Analysis and Report by Watershed 1/4						\$ 73,632					
		Phase IV Analysis and Report by Watershed 1/4							\$ 75,841				
		Phase V Analysis and Report by Watershed 1/4								\$ 78,116			
	2015-E001	Emergency Repairs	\$ 30,000		CIP	680-6299	\$ 30,000						
	2012-E002	Storm Drainage Repairs											
		Oak Manor Storm Drain Completion	\$ 40,000		CIP								\$ 40,000
		Zoll Street Culvert Repair	\$ 200,000		CIP								\$ 200,000
		Ray and College	\$ 25,000		CIP								\$ 25,000
		Lake Ridge Culvert Replacement	\$ 210,000		CIP								\$ 210,000
		Warren and Ming	\$ 50,000		CIP								\$ 50,000
		City Hall Front Lobby Safety	\$ 50,000		CIP		\$ 50,000						
<b>INFORMATION TECHNOLOGY</b>													
	2013-IT002	Document Management System Software	\$ 100,000		CIP								\$ 100,000
	2013-IT005	Fire Suppression System Server Room	\$ 30,000		CIP								\$ 30,000
		<b>TOTAL PAGE 1</b>	<b>\$ 3,675,880</b>				<b>\$ 124,716</b>	<b>\$ 283,575</b>	<b>\$ 123,632</b>	<b>\$ 80,841</b>	<b>\$ 83,116</b>	<b>\$ -</b>	<b>\$ 2,880,000</b>

**2015-2019 FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM**  
**HALF CENT SALES TAX FUND 215**

Priority	Project Number	Project Description	Estimated Total Cost	Estimated Annual Operating Cost	Funding Source	Account Number	PRIOR YEARS	PROPOSED Fiscal Yr. (1) 2015	PROPOSED Fiscal Yr. (2) 2016	PROPOSED Fiscal Yr. (3) 2017	PROPOSED Fiscal Yr. (4) 2018	PROPOSED Fiscal Yr. (5) 2019	UNFUNDED/ UNDESIGNATED
<b>INFORMATION TECHNOLOGY</b>													
	2013-IT009	Video Surveillance, Public Area at City Hall	\$ 10,000		CIP								\$ 10,000
	2014-IT001	Fiber Connection to Emergency Call Center											
		Re-establish communications for Emergency Phones and MULES connection after Dispatch relocates			CIP/JCCD								
	2014-IT007	IT Infrastructure Project (FY14-FY15)	\$ 325,000		CIP								
		IT Master Plan Consultant					\$ 63,500						
Equipment		Rugged Laptops (16)				680-6202	\$ 400	\$ 72,000					
		Desktop Computers (110)				680-6202	\$ 20,400	\$ 12,500	\$ 12,700	\$ 8,500	\$ 10,900		
		Laptop Computers (33)				680-6202	\$ 7,714	\$ 6,400	\$ 4,000	\$ 2,400	\$ 10,380		
		Monitors (159)						\$ 2,894	\$ 2,894	\$ 2,894			
		Dell KACE 1000 Tool (160 end points)					\$ 14,578						
		Dameware Remote Support Tool (2 licenses)					\$ 700						
		Primary Servers (3)					\$ 18,423						
		DR Servers (2)					\$ 11,460						
		MS Exchange License for High Availability				680-5908	\$ 783						
		Doublecheck Software (for HA email)				680-6301	\$ 2,000						
		Server 2012 Training (New Horizon)					\$ 5,500		\$ 2,750				
		Primary Storage					\$ 31,922						
		Secondary Storage					\$ 15,400						
		Tape Backup						\$ 5,600					
		Core Network HW (City Hall)						\$ 5,000	\$ 11,950				
		Primary DC Switches					\$ 4,200						
		DR DC Switch					\$ 2,100						
		DR Firewall (SonicWall NSA 3600)					\$ 3,200						
		Wireless AP's (14)					\$ 12,800						
		Build fiber				680-6499	\$ 25,000						
		Telephone System Upgrade							\$ 10,900				
		Telephone Handsets							\$ 30,090				
		Esri ArcGIS Standard Desktop license*				680-5908	\$ 6,300						
		GIS Workstation and monitor				680-6202	\$ 5,000						
		UPS (10kW)					\$ 10,000						
		Program Support (60 hours)				680-5202	\$ 9,000	\$ 4,500					
		Project Management Support (96 hours)				680-5202	\$ 8,000	\$ 4,000					
		Implement server, storage, and Citrix					\$ 24,000						
		Develop PC image(s)				680-5999	\$ 9,000						
		Deploy PC's (73)				680-5999	\$ 8,720	\$ 4,960					
		Upgrade Incode to temporary platform					\$ 500						
		Upgrade Firehouse				680-4114	\$ 5,000						
		Upgrade Class System/Merchant SW				680-4114	\$ 4,200						
		Upgrade SMS/Doors				680-4114	\$ 5,000						
		Migrate Incode to new servers				680-5704							
		Contingency (5% of Estimate) Legal, Advertising, Price Increase					\$ 10,806	\$ 4,301	\$ 5,248	\$ 3,337	\$ 1,209		
		<b>TOTAL PAGE 2</b>	<b>\$ 335,000</b>				<b>\$ 289,823</b>	<b>\$ 90,324</b>	<b>\$ 110,192</b>	<b>\$ 70,071</b>	<b>\$ 25,383</b>	<b>\$ -</b>	<b>\$ 10,000</b>
		<b>TOTAL PAGE 1</b>	<b>\$ 3,675,880</b>				<b>\$ 124,715</b>	<b>\$ 283,675</b>	<b>\$ 123,632</b>	<b>\$ 80,841</b>	<b>\$ 83,116</b>	<b>\$ -</b>	<b>\$ 2,880,000</b>
		<b>TOTAL HALF CENT SALES TAX</b>	<b>\$3,910,880</b>				<b>\$414,638</b>	<b>\$373,899</b>	<b>\$233,824</b>	<b>\$150,912</b>	<b>\$108,499</b>	<b>\$0</b>	<b>\$2,890,000</b>

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

2015

**Entryway Signs Monument Style**

**Project 2011-T002**

Project Cost: \$100,000  
Department: Community Development/Public Works  
Location: City Limits  
O & M: \$0  
Description: This consists of monument signs located at the city limits. This will include design and acquisition of 2 sites.

**Compton Garden**

**Project 2013-T001**

Project Cost: \$20,000  
Department: Public Works  
Location: Corner of Washington and Madison Streets  
O & M: \$0  
Description: This project is an agreement made September 14, 2009, Ordinance 4495 for donation of land and improvements consisting of a sign designating "Compton Garden", plaque acknowledging donation in honor of Bradley and Goldie Compton, a fence on western boundry and gazebo, bench and landscaping on property.

**Stormwater Utility Plan Analysis Master Plan**

**Project 2012-E001**

Project Cost: \$83,575  
Department: Public Works  
Location: Various locations within City of Warrensburg  
O & M: \$0  
Description: Phase II Analysis and Report by Watershed 1/4

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

**2015**

**Emergency Repairs Stormwater**

**Project 2015-E001**

Project Cost: \$30,000  
Department: Public Works  
Location: Various locations within City of Warrensburg  
O & M: \$0  
Description:

**City Hall Front Lobby Safety**

Project Cost: \$50,000  
Department: Administration  
Location: City Hall Front Lobby  
O & M: \$0  
Description: This project recognizes the safety needs for the employees at the front desk. It will also accommodate the additional personnel for utility bill collections.

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

2015

**IT Infrastructure Project**

**Project 2014-IT007**

Project Cost: \$19,300  
Department: Information Technology  
Location: City Departments  
O & M: \$0  
Description: 16 Rugged Laptops, 110 Desktop Computers, 33 Laptop Computers Expensed over 4 years

**IT Infrastructure Project**

**Project 2014-IT007**

Project Cost: \$2,763  
Department: Information Technology  
Location: Information Technology  
O & M: \$0  
Description: MS Exchange License for High Availablity and Doublecheck Software for HA email

**IT Infrastructure Project**

**Project 2014-IT007**

Project Cost: \$25,000  
Department: Information Technology  
Location: Information Technology  
O & M: \$0  
Description: Build Fiber, estimated expenses to install fiber optic cable

**IT Infrastructure Project**

**Project 2014-IT007**

Project Cost: \$11,300  
Department: Information Technology  
Location: Information Technology  
O & M: \$0  
Description: Purchase of Esri ArcGIS License, GIS Workstation and Monitor

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

2015

**IT Infrastructure Project**

**Project 2014-IT007**

Project Cost: \$8,500  
Department: Information Technology  
Location: Information Technology  
O & M: \$0  
Description: Program Support (60 hours), Project Management Support (96 hours). Management and Support implementing IT Master Plan

**IT Infrastructure Project**

**Project 2014-IT007**

Project Cost: \$4,960  
Department: Information Technology  
Location: Information Technology  
O & M: \$0  
Description: Deploy 73 PC's

**IT Infrastructure Project**

**Project 2014-IT007**

Project Cost: \$14,200  
Department: Information Technology  
Location: Information Technology  
O & M: \$0  
Description: Upgrade and migrate departmental software: Firehouse, Class/Merchant SW, SMS/Doors, Migrate Incode to new servers

**IT Infrastructure Project**

**Project 2014-IT007**

Project Cost: \$14,095  
Department: Information Technology  
Location: Information Technology  
O & M: \$0  
Description: Contingency (5% of Estimate) Price Increases. Expensed over 4 years

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

2016

**Maguire Street Corridor Study - LAND USE**

**Project 2012-CD004**

Project Cost: \$15,000  
Department: Community Development  
Location: Maguire Street Corridor  
O & M: \$0  
Description: \$5,000 annual cost for 3 years

**Comprehensive City Plan 5 year update**

**Project 2013-CD002**

Project Cost: \$45,000  
Department: Community Development  
Location: Community Development  
O & M: \$0  
Description: Comprehensive Plan update

**Stormwater Utility Plan Analysis Master Plan**

**Project 2012-E001**

Project Cost: \$73,632  
Department: Public Works  
Location: Various locations within City of Warrensburg  
O & M: \$0  
Description: Phase III Analysis and Report by Watershed 1/4

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

2016

**IT Infrastructure Project**

**Project 2014-IT007**

Project Cost: \$8,682  
Department: Information Technology  
Location: Information Technology  
O & M: \$0  
Description: Replace 159 Monitors over 3 years

**IT Infrastructure Project**

**Project 2014-IT007**

Project Cost: \$2,750  
Department: Information Technology  
Location: Information Technology  
O & M: \$0  
Description: Server 2012 Training (New Horizon)

**IT Infrastructure Project**

**Project 2014-IT007**

Project Cost: \$5,600  
Department: Information Technology  
Location: Information Technology  
O & M: \$0  
Description: Replacement of current tape backup system for digital archive

**IT Infrastructure Project**

**Project 2014-IT007**

Project Cost: \$16,950  
Department: Information Technology  
Location: Information Technology  
O & M: \$0  
Description: Replacement of network switches at City Hall expensed over 2 years

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

2017

**Stormwater Utility Plan Analysis Master Plan**

**Project 2012-E001**

Project Cost: \$75,632  
Department: Public Works  
Location: Various locations within City of Warrensburg  
O & M: \$0  
Description: Phase IV Analysis and Report by Watershed 1/4

**Wireless AP's (14)**

**Project 2014-IT007**

Project Cost: \$12,800  
Department: Information Technology  
Location: Information Technology  
O & M: \$0  
Description: Purchase and setup of wireless access points at select City facilities, City Hall, Police Department, Municipal Center, Fire Department, and Animal Shelter

**Telephone System Upgrade**

**Project 2014-IT007**

Project Cost: \$12,800  
Department: Information Technology  
Location: Information Technology  
O & M: \$0  
Description: Upgrade costs for current VOIP phone system

**Telephone Handsets**

**Project 2014-IT007**

Project Cost: \$30,090  
Department: Information Technology  
Location: Information Technology  
O & M: \$0  
Description: Replacement/upgrade of telephone desk sets

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

**2018**

**Stormwater Utility Plan Analysis Master Plan**

**Project 2012-E001**

Project Cost: \$78,116  
Department: Public Works  
Location: Various locations within City of Warrensburg  
O & M: \$0  
Description: Phase V Analysis and Report by Watershed 1/4

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

**FUTURE**

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**Replace Engine 1122**

**Project**

Project Cost: \$500,000  
Department: Fire Department  
Location: Fire Department  
O & M: \$0  
Description: Replace 1995 fire engine due to wear, age, and obsolete technology. This engine has over 84,000 miles and 8,900 hours

**Replace Rescue Unit 1127**

**Project**

Project Cost: \$175,000  
Department: Fire Department  
Location: Fire Department  
O & M: \$0  
Description: Replace 1994 rescue vehicle with a smaller and more efficient vehicle. This apparatus has over 42,000 miles and 4,400 hours

**Replace Engine 1112**

**Project**

Project Cost: \$600,000  
Department: Fire Department  
Location: Fire Department  
O & M: \$0  
Description: Replace 1995 fire truck due to age, wear, and obsolete technology. This engine has over 78,000 miles and 8,000 hours.

**Event Pavillion on West End of Depot Parking Lot**

**Project 2013-CD008**

Project Cost: \$750,000  
Department: Community Development  
Location: West End of Depot Parking Lot  
O & M: \$0  
Description:

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

**FUTURE**

**Additional Parking in Pavillion Area**

**Project 2014-CD001**

Project Cost: \$200,000  
Department: Community Development  
Location: West End of Depot Parking Lot  
O & M: \$0  
Description:

**Oak Manor Storm Drain Completion**

**Project 2012-E002**

Project Cost: \$40,000  
Department: Public Works  
Location: Oak Manor Subdivision  
O & M: \$0  
Description: Complete project started 2012

**Zoll Street Culvert Repair**

**Project 2012-E002**

Project Cost: \$200,000  
Department: Public Works  
Location: Zoll Street Culvert Repair  
O & M: \$0  
Description:

**Ray and College Storm Drain**

**Project 2012-E002**

Project Cost: \$25,000  
Department: Public Works  
Location: Ray and College Streets  
O & M: \$0  
Description:

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

**FUTURE**

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**Lake Ridge Culvert Replacement**

**Project 2012-E002**

Project Cost: \$210,000  
Department: Public Works  
Location: Pembroke Drive  
O & M: \$0  
Description:

**Warren and Ming Streets Drainage**

**Project 2012-E002**

Project Cost: \$50,000  
Department: Public Works  
Location: Warren and Ming Streets  
O & M: \$0  
Description:

**Document Management System Software**

**Project 2013-IT002**

Project Cost: \$100,000  
Department: Information Technology  
Location: Information Technology  
O & M: \$0  
Description:

**Fire Suppression System Server Room**

**Project 2013-IT005**

Project Cost: \$30,000  
Department: Information Technology  
Location: Information Technology  
O & M: \$0  
Description:

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

**FUTURE**

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**City Wide WiFi**

**Project 2013-IT006**

Project Cost: \$500,000  
Department: Information Technology  
Location: Information Technology  
O & M: \$0  
Description:

**Video Surveillance Public Area at City Hall**

**Project 2013-IT009**

Project Cost: \$10,000  
Department: Information Technology  
Location: City Hall Public Areas  
O & M: \$0  
Description:

**2015-2019 FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM**

**WATER POLLUTION CONTROL FUND 610**

Priority	Project Number	Project Description	Estimated Total Cost	Estimated Annual Operating Cost	Funding Source	Account Number	PRIOR	PROPOSED	PROPOSED	PROPOSED	PROPOSED	PROPOSED	UNFUNDED/
							YEARS	Fiscal Yr. (1)	Fiscal Yr. (2)	Fiscal Yr. (3)	Fiscal Yr. (4)	Fiscal Yr. (5)	UNDESIGNATED
							2015	2016	2017	2018	2019		
	*	Inflow and Infiltration Sewer Line Rehab Projects	\$ 400,000		WPC-CIP		\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000		
	*	Miscellaneous Repair Projects	\$ 250,000		WPC-CIP		\$ 100,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000		
	*	Wastewater Treatment Plant Equipment Replacement Reserve	\$ 500,000		WPC-CIP		\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000		
	*	Undesignated Capital Projects	\$ 2,900,000		WPC-CIP		\$ 500,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000		
	*	Reserve Capital Improvement Fund	\$ 1,000,000		WPC-CIP		\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000		
		Nutrient Removal Engineering Design	\$ 516,600		SRF							\$ 516,600	
		Nutrient Removal Construction	\$ 3,444,000		SRF							\$ 3,444,000	
		4th SBR Engineering Design	\$ 534,800		SRF							\$ 534,800	
		4th SBR Construction	\$ 3,565,400		SRF							\$ 3,565,400	
		<b>2006 Wastewater Treatment Systems Facilities Plan</b>											
		Southeast Line B - Segment 1	\$ 340,000		WPC-CIP							\$ 340,000	
		Southeast Line B - Segment 2	\$ 475,000		WPC-CIP							\$ 475,000	
		Southeast Line B - Segment 3	\$ 80,000		WPC-CIP							\$ 80,000	
		Southwest Line C	\$ 988,700		WPC-CIP							\$ 988,700	
		Northwest Line D	\$ 1,925,000		WPC-CIP							\$ 1,925,000	
		<b>TOTALS</b>	<b>\$16,919,500</b>				<b>\$ 1,000,000</b>	<b>\$ 1,050,000</b>	<b>\$ 1,050,000</b>	<b>\$ 1,050,000</b>	<b>\$ 1,050,000</b>	<b>\$ 11,869,500</b>	
	*	As recommended in the 2014 Comprehensive Sewer Rate Study											

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

2015 - 2019

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**Inflow and Infiltration Sewer Line Rehab Projects**

Project Cost: \$500,000  
Department: Water Pollution Control Capital  
Location: Various locations within City of Warrensburg  
O & M: \$0  
Description: 5 year plan as recommended in the 2014  
Comprehensive Sewer Rate Study

**Miscellaneous Repair Projects**

Project Cost: \$300,000  
Department: Water Pollution Control Capital  
Location: Various locations within City of Warrensburg  
O & M: \$0  
Description: 5 year plan as recommended in the 2014  
Comprehensive Sewer Rate Study

**Wastewater Treatment Plant Equipment Replacement Reserve**

Project Cost: \$500,000  
Department: Water Pollution Control Capital  
Location: East and West Wastewater Plants  
O & M: \$0  
Description: 5 year plan as recommended in the 2014  
Comprehensive Sewer Rate Study

**Undesignated Capital Projects**

Project Cost: \$2,900,000  
Department: Water Pollution Control Capital  
Location: Various locations within City of Warrensburg  
O & M: \$0  
Description: 5 year plan as recommended in the 2014  
Comprehensive Sewer Rate Study

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

**2015**

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**Reserve Capital Improvement Fund**

Project Cost: \$1,000,000  
Department: Water Pollution Control Capital  
Location: Various locations within City of Warrensburg  
O & M: \$0  
Description: 5 year plan as recommended in the 2014  
Comprehensive Sewer Rate Study

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

**FUTURE**

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**Nutrient Removal Engineering Design**

Project Cost: \$516,600  
Department: Water Pollution Control Capital  
Location:  
O & M: \$0  
Description:

**Nutrient Removal Construction**

Project Cost: \$3,444,000  
Department: Water Pollution Control Capital  
Location:  
O & M: \$0  
Description:

**4th SBR Engineering Design**

Project Cost: \$534,800  
Department: Water Pollution Control Capital  
Location:  
O & M: \$0  
Description:

**4th SBR Construction**

Project Cost: \$3,565,400  
Department: Water Pollution Control Capital  
Location:  
O & M: \$0  
Description:

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

**FUTURE**

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**2006 Wastewater Treatment Systems Facilited Plan**

Project Cost: \$340,000  
Department: Water Pollution Control Capital  
Location: Southeast Line B - Segment 1  
O & M: \$0  
Description: Per the 2006 Wastewater Treatment Plan

**2006 Wastewater Treatment Systems Facilited Plan**

Project Cost: \$475,000  
Department: Water Pollution Control Capital  
Location: Southeast Line B - Segment 2  
O & M: \$0  
Description: Per the 2006 Wastewater Treatment Plan

**2006 Wastewater Treatment Systems Facilited Plan**

Project Cost: \$80,000  
Department: Water Pollution Control Capital  
Location: Southeast Line B - Segment 3  
O & M: \$0  
Description: Per the 2006 Wastewater Treatment Plan

**2006 Wastewater Treatment Systems Facilited Plan**

Project Cost: \$988,700  
Department: Water Pollution Control Capital  
Location: Southeast Line C  
O & M: \$0  
Description: Per the 2006 Wastewater Treatment Plan

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

**FUTURE**

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**2006 Wastewater Treatment Systems Facilited Plan**

Project Cost: \$1,925,000

Department: Water Pollution Control Capital

Location: Southeast Line D

O & M: \$0

Description: Per the 2006 Wastewater Treatment Plan

**2015-2019 FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM  
PARKS AND RECREATION FUND 430**

Priority	Project Number	Project Description	Estimated Total Cost	Estimated Annual Operating Cost	Funding Source	Account Number	PRIOR YEARS	PROPOSED Fiscal Yr. (1) 2016	PROPOSED Fiscal Yr. (2) 2016	PROPOSED Fiscal Yr. (3) 2017	PROPOSED Fiscal Yr. (4) 2018	PROPOSED Fiscal Yr. (5) 2019	UNFUNDED/ UNDESIGNATED
	2012-P002	Lions Lake Park Improvements	\$ 150,000		Grant Donation Park	611-6402	\$ (35,000) \$ (15,000) \$ 95,000	\$ (55,000) \$ (10,000) \$ 120,000					
	2012-P003	Blind Boone Park Construction	\$ 15,000		Donation								
	2012-P004	Maintenance Equipment	\$ 42,500		Park		\$ 14,500	\$ 8,000	\$ 10,000	\$ 10,000			
	2012-P005	Software Improvements - Class Upgrade	\$ 23,000		Park	611-4103		\$ 18,000	\$ 2,500	\$ 2,500			
	2012-P006	Scoreboard - West Park	\$ 10,000		Park								
	2012-P007	Park Signage	\$ 12,500		Park	611-5601		\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	
	2013-P001	Parks Master Plan	\$ 50,585		Fund Bal		\$ 50,585						
	2013-P002	Nassif Parking Lot	\$ 75,000		Park	633-6101							\$ 75,000
	2013-P003	Nassif Slide	\$ 95,000		Park	611-6299			\$ 35,000	\$ 25,000	\$ 25,000	\$ 10,000	
	2013-P004	Playground Equipment	\$ 400,000		Park	632-6209				\$ 30,000	\$ 30,000	\$ 340,000	
	2013-P005	Grover Park Improvements	\$ 350,000		Park	631-6101						\$ 350,000	
	2014-P001	Parking Lot Cave Hollow	\$ 200,000		Park	631-5703			\$ 42,500			\$ 157,500	
	2014-P001	Parking Lot Cave Hollow Engineering	\$ 45,000		Park				\$ 45,000				
	2014-P002	WCC Improvement	\$ 220,000				\$ 200,000						\$ 20,000
	2014-P003	Shepard Park Improvements	\$ 520,000		Park	631-5703			\$ 25,000	\$ 25,000	\$ 470,000		
	2014-P004	Parking lot at Community Center	\$ 120,000		Park/GF	633-5703						\$ 120,000	
	2014-P005	Cave Hollow Park Const	\$ 140,000		Grant							\$ 140,000	
	2014-P006	Tree Improvements - Plant/or remove Trim Inventory	\$ 200,000 \$ 200,000		Grant Park		\$ (10,000)			\$ 20,000	\$ 20,000	\$ 150,000 \$ 200,000	
	2014-P007	Purchase Park Land			Sales Tax								
	2015-P001	Nassif Expansion	\$ 500,000		Sales Tax	633-5703						\$ 500,000	
	2015-P002	West Park Construction	\$ 200,000		Park	611-6299						\$ 200,000	
	2015-P003	Maintenance Building	\$ 400,000		Park/Loan	631-6101						\$ 400,000	
	2015-P004	Soccer Complex	\$ 300,000		Partnership	611-6299			\$ 25,000			\$ 275,000	
	2015-P005	Trail Construction	\$ 200,000		Grant Park	611-6402			\$ 25,000			\$ 175,000	
	2015-P006	WCC Expansion			Sales Tax								
		<b>TOTALS</b>	<b>\$4,468,888</b>				<b>\$ 300,085</b>	<b>\$ 83,600</b>	<b>\$ 102,500</b>	<b>\$ 100,000</b>	<b>\$ 102,500</b>	<b>\$ 102,500</b>	<b>\$ 3,682,600</b>

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

2015

**Lions Lake Park Improvements**

**Project 2012-P002**

Project Cost: \$150,000  
Department: Parks and Recreation  
Location: Lions Lake  
O & M: \$0  
Description: Construct Trail around lake in Lions Lake per Master Plan

**Maintenance Equipment**

**Project 2012-P004**

Project Cost: \$42,500  
Department: Parks and Recreation  
Location: Maintenance  
O & M: \$0  
Description: Improve equipment and Rotation - Gator, Lawn mowers, Grass Catcher 4 year plan

**Software Improvements**

**Project 2012-P005**

Project Cost: \$23,000  
Department: Parks and Recreation  
Location: Parks and Recreation  
O & M: \$0  
Description: Class (Central) Software 3 year plan

**Park Signage**

**Project 2012-P007**

Project Cost: \$12,500  
Department: Parks and Recreation  
Location: Parks and Recreation  
O & M: \$0  
Description: Unified signage for all facilities, 5 year plan

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

**2016**

**Cave Hollow Parking Lot**

**Project 2014-P001**

Project Cost: \$200,000  
Department: Parks and Recreation  
Location: Cave Hollow Park  
O & M: \$0  
Description: Working with Public Works in 2016 and future project

**Cave Hollow Parking Lot Engineering**

**Project 2014-P001**

Project Cost: \$45,000  
Department: Parks and Recreation  
Location: Cave Hollow Park  
O & M: \$0  
Description: Engineering for Cave Hollow Parking Lot

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

2017

**Nassif Slide**

**Project 2013-P003**

Project Cost: \$95,000  
Department: Parks and Recreation  
Location: Nassif Pool  
O & M: \$0  
Description: Purchase additional slide, 4 year plan

**Soccer Complex**

**Project 2015-P004**

Project Cost: \$300,000  
Department: Parks and Recreation  
Location:  
O & M: \$0  
Description: Construction of official soccer field, partnership.  
Budget \$25,000 with balance undesignated

**Trail Construction**

**Project 2015-P005**

Project Cost: \$200,000  
Department: Parks and Recreation  
Location:  
O & M: \$0  
Description: Follow Master plan on trails. Budget \$25,000 with  
balance undesignated.

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

**2018**

**Playground Equipment**

**Project 2013-P004**

Project Cost: \$400,000  
Department: Parks and Recreation  
Location: Various areas  
O & M: \$0  
Description: Additional or improvement of playgrounds in each park and other recreational amenities. 3 year plan

**Shepard Park Improvements**

**Project 2014-P003**

Project Cost: \$520,000  
Department: Parks and Recreation  
Location: Shepard Park  
O & M: \$0  
Description: Repair and improve restrooms, shelter, Big Brothers & Sister House 3 year plan

**Trim Inventory**

Project Cost: \$200,000  
Department: Parks and Recreation  
Location: Various areas  
O & M: \$0  
Description: Trim Grant for trees \$20,000 2 years, balance undesignated

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

**FUTURE**

**Nassif Parking Lot**

**Project 2013-P002**

Project Cost: \$75,000  
Department: Parks and Recreation  
Location: Nassif Pool Parking Lot  
O & M: \$0  
Description:

**Grover Park Improvements**

**Project 2013-P005**

Project Cost: \$350,000  
Department: Parks and Recreation  
Location: Grover Park  
O & M: \$0  
Description: Erosion control, Shelter, Ballfield Improvement,  
Flume, Concrete

**Warrensburg Community Center**

**Project 2014-P002**

Project Cost: \$220,000  
Department: Parks and Recreation  
Location: Grover Park  
O & M: \$0  
Description: \$200,000 prior year expense, \$20,000 undefined

**Community Center Parking Lot**

**Project 2014-P004**

Project Cost: \$120,000  
Department: Parks and Recreation  
Location: Community Center  
O & M: \$0  
Description: Overlay parking lot with Public Works

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

**FUTURE**

**Cave Hollow Park Construction**

**Project 2014-P005**

Project Cost: \$140,000  
Department: Parks and Recreation  
Location: Cave Hollow Park  
O & M: \$0  
Description: Additional ballfields/dog park

**Tree Improvements - Plant or remove**

Project Cost: \$200,000  
Department: Parks and Recreation  
Location: Various areas  
O & M: \$0  
Description: Tree removal and plant

**Nassif Expansion**

**Project 2015-P001**

Project Cost: \$500,000  
Department: Parks and Recreation  
Location: Nassif Pool  
O & M: \$0  
Description: Additions to Nassif - Recreational Amenities and Parking Lot

**West Park Construction**

**Project 2015-P002**

Project Cost: \$200,000  
Department: Parks and Recreation  
Location: West Park  
O & M: \$0  
Description: Shelter, fence, spectator, batting cages, multi use field

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

**FUTURE**

**Maintenance Building**

**Project 2015-P0003**

Project Cost: \$400,000  
Department: Parks and Recreation  
Location: Grover Park Maintenance Building  
O & M: \$0  
Description: Construction of new building

**Warrensburg Community Center Expansion**

**Project 2015-P006**

Project Cost:  
Department: Parks and Recreation  
Location: Community Center  
O & M: \$0  
Description: Addition to existing building as needed

**Blind Boone Park Construction**

**Project 2012-P003**

Project Cost: \$15,000  
Department: Parks and Recreation  
Location: Blind Boone Park  
O & M: \$0  
Description: Building a shelter

**Scoreboard - West Park**

**Project 2012-P006**

Project Cost: \$10,000  
Department: Parks and Recreation  
Location: West Park  
O & M: \$0  
Description: American Legion Field partnership

CITY OF WARRENSBURG

**PROJECT DESCRIPTIONS**

**FUTURE**

**Trail Construction**

**Project 2014-P006**

Project Cost: \$200,000  
Department: Parks and Recreation  
Location: Various areas  
O & M: \$0  
Description: Follow Master Plan