



*Stormwater*



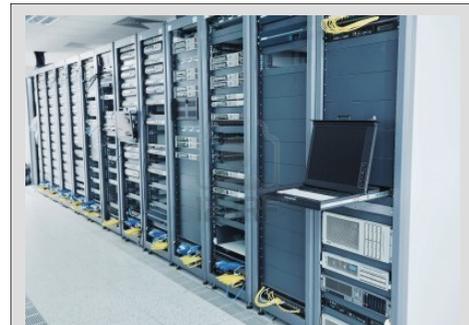
*Road maintenance*

# Capital Improvements Program

October 2013 through September 2014



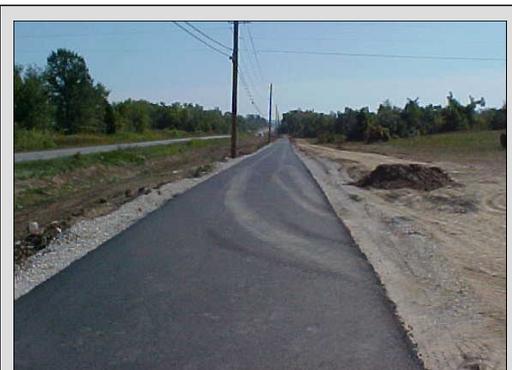
*Create better sidewalks*



*Upgrade IT systems*



*Improve drainage*



*Bike trail extension*

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### **Goals and Guidelines Identified by Staff**

- Meet Existing Future Basic Needs
- Emergency versus Delaying Projects
- Legal/Environmental/Mandates
- Public Safety
- Grow Revenues/Economy/Jobs
- Address Public Expectations
- Aligned with Comprehensive Plan, Strategic Plans and Goals and other Master Plans
- Quality of Life/Liveability

# CITY OF WARRENSBURG, MISSOURI

## CAPITAL IMPROVEMENTS PLAN (CIP)

### **CIP Document Summary**

The Capital Improvements Program Document provides information in which the ½ Cent Sales Tax, Transportation funding and various State and Federal Grants are used to fund major projects.

#### Transportation

- Streets Improvements
- Signals and Signage
- Public Works Capital Improvement Projects

#### Community Development

#### Economic Development

#### Information Technology

#### Environmental Solid Waste and Stormwater

#### Water Pollution Control Capital Improvements

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

#### Parks and Recreation Capital Improvements

## **OVERVIEW**

A Capital Improvement Plan (CIP) is 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 thus presents a systematic plan for providing the needed improvements within a prioritized framework.

The proposed five (5) year CIP for the City of Warrensburg sets the general schedule which public improvements are proposed for a certain timeframe. Operating and maintenance expense information is provided for the first year of the plan when applicable. Annual maintenance programs, small projects and small planning studies, such as the street overlay program or master plans are included in the CIP programs.

A CIP is a fluid document that can be revised as the infrastructure 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.

## **RESPONSIBILITY FOR CIP DEVELOPMENT**

The Capital Improvement Committee is a group of city staff representatives who identify and initiate the CIP process. Key staff includes City Manager, Public Works Director, Community Development Director, Parks Director, Fire Chief, Police Chief, Finance Director, Finance Assistant, Systems Administrator and Public Works Administrative Project Manager.

City Manager and Public Works Director check legalities and financial assistance of infrastructure projects.

Community Development Director ensures the CIP recommendations coincide with the Comprehensive Plan.

Public is invited to public hearings and comment on projects recommended by the Capital Improvement Committee.

City Council reviews the recommendations from all groups involved in the selection process.

Adoption of the CIP will then be presented to Council for final approval by Resolution.

## **PROCESS**

### **DEFINITION**

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.

### **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 many factors including their impact on providing better city services, accommodating city growth, effect on maintenance and operation expenditures, and the overall health, safety and welfare of citizens.

The City's Master Plans are an integral part of a successful CIP that reflect the needs and goals of each department. The following list cites the 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
  - 2010-2011 Strategic Plan
  - Storm Water Master Plan - Pending
- Water Pollution Control
  - 2005 Wastewater Facilities Plan
  - 2009 I/I Assessment and Reduction Plan
  - Sewer Rate Assessment - Pending
- 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.

### **PLAN IMPLEMENTATION**

When a project on the CIP schedule is funded, it is assigned to a project manager 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**

### **Revenue Sources**

All funding sources 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.

### **TAXES**

#### **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.

### **BOND PROCEEDS**

#### **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.

### **GRANT FUNDING**

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, 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 treatment.

### **PRIVATE FUNDING**

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

## Capital Improvements Proposed Projects



### CAPITAL IMPROVMENTS FY14

#### TRANSPORTATION

2013-T008	Maguire Street Right Turn Lane	\$	75,000
2014-T001	Curb and Sidewalk Program	\$	60,000
2013-T003	Downtown Phase IIIB	\$	253,949
2014-T004	Street Maintenance Program	\$	400,000
<b>TOTAL TRANSPORTATION</b>		<b>\$</b>	<b>788,949</b>

#### COMMUNITY DEVELOPMENT

2011-T002	Entryway Signs Monument Style	\$	60,000
<b>TOTAL COMMUNITY DEVELOPMENT</b>		<b>\$</b>	<b>60,000</b>

#### ECONOMIC DEVELOPMENT

2013-T009	Highway DD Trail East of City Limits	\$	26,000
<b>TOTAL ECONOMIC DEVELOPMENT</b>		<b>\$</b>	<b>26,000</b>

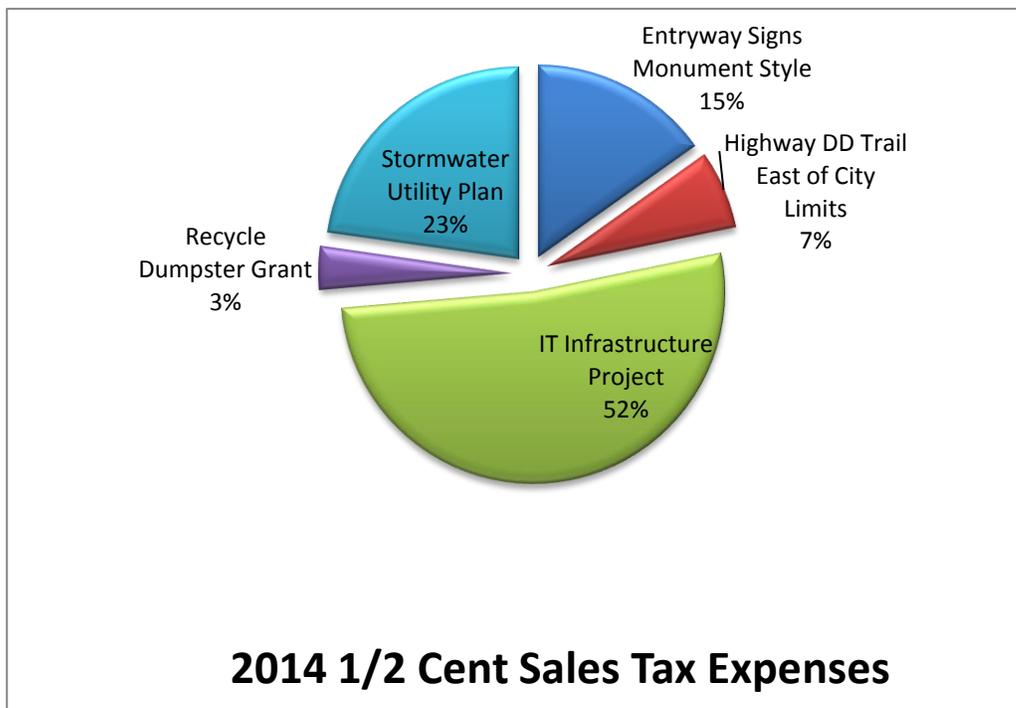
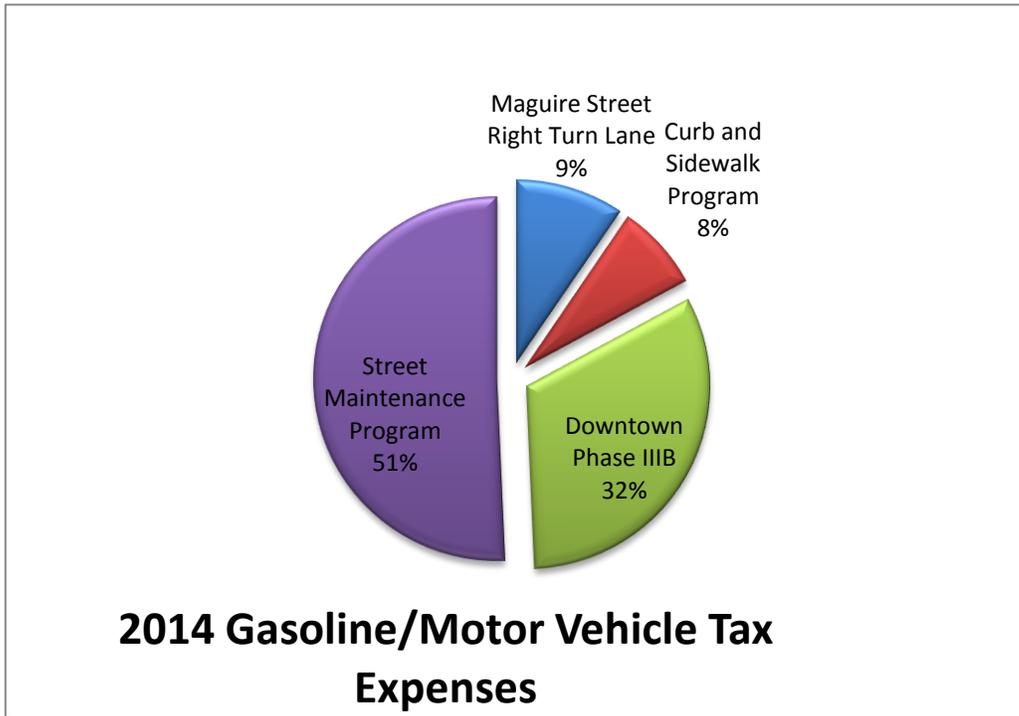
#### INFORMATION TECHNOLOGY

2014-IT007	IT Infrastructure Project	\$	205,000
<b>TOTAL INFORMATION TECHNOLOGY</b>		<b>\$</b>	<b>205,000</b>

#### ENVIRONMENTAL, STORM WATER

2014	Recycle Dumpster Grant		\$14,135
2012-E002	Stormwater Utility Plan	\$	90,000
<b>TOTAL ENVIRONMENTAL</b>			<b>\$104,135</b>

**TOTAL 1/2 CENT SALES** **\$ 369,135**



**General Fund Proposed Projects**

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**GENERAL FUND CAPITAL ITEMS FY14**

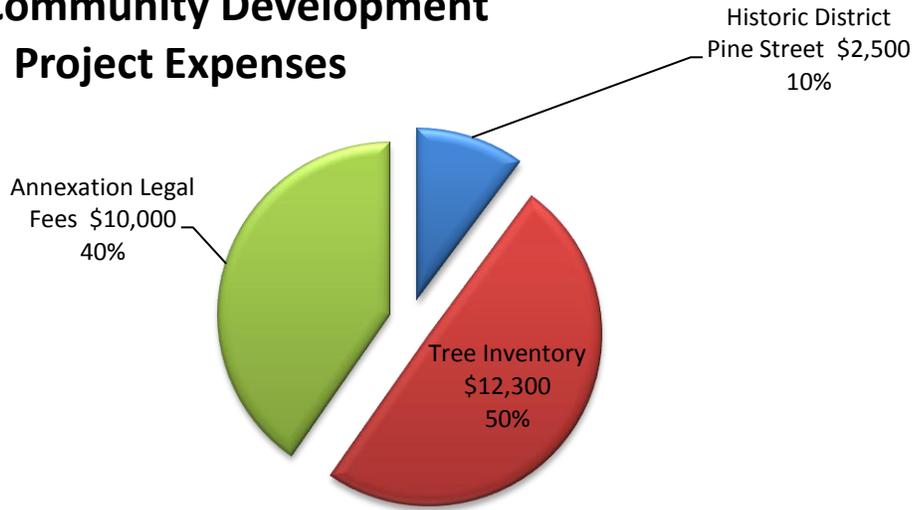
**COMMUNITY DEVELOPMENT**

ACCOUNT NUMBER	PROJECT		
110-641	2012-CD001	Historic District Pine Street	\$ 2,500
110-641	2013-CD005	Tree Inventory	\$ 12,300
110-641	2014-CD001	Annexation Legal Fees	\$ 10,000
<b>TOTAL COMMUNITY DEVELOPMENT GENERAL FUND</b>			<b>\$ 24,800</b>

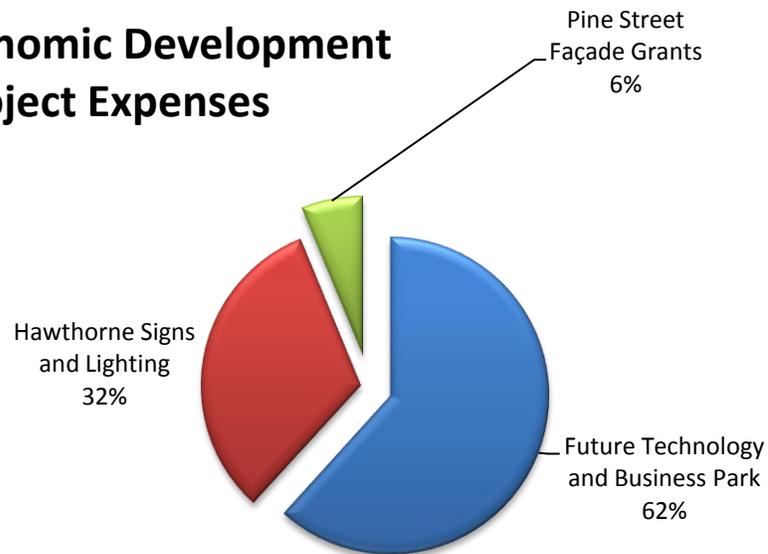
**ECONOMIC DEVELOPMENT**

110-642	2014-ED003	Future Technology and Business Park	\$ 50,000
110-642	2014-ED008	Hawthorne Signs and Lighting	\$ 26,000
110-642	2013-CD010	Pine Street Façade Grants	\$ 5,000
<b>TOTAL ECONOMIC DEVELOPMENT GENERAL FUND</b>			<b>\$ 81,000</b>

## 2014 Community Development Project Expenses



## 2014 Economic Development Project Expenses

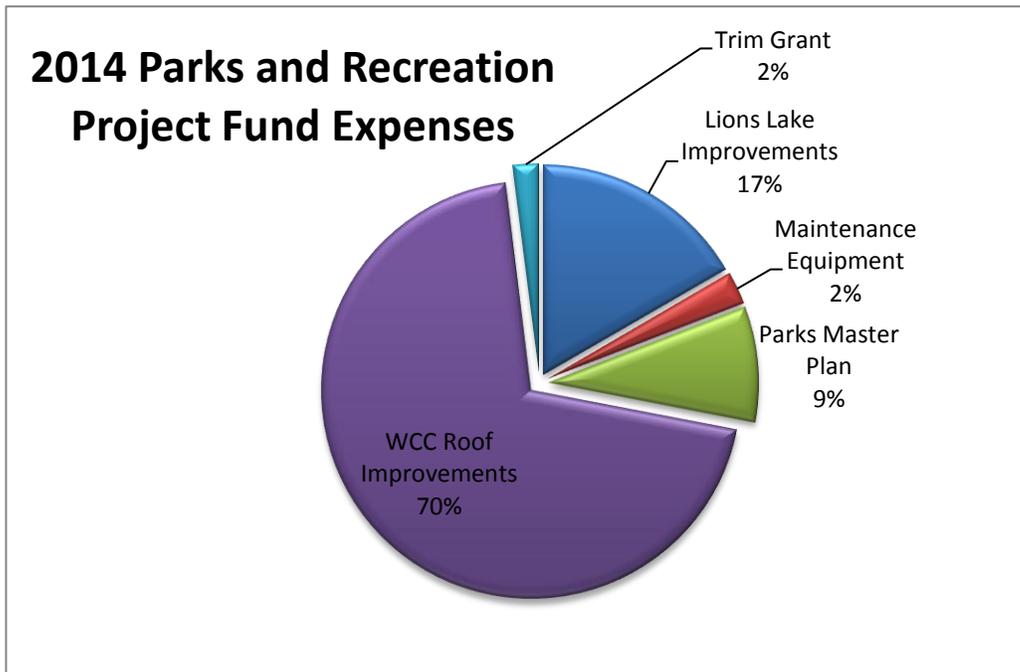




SPECIAL REVENUE FUNDS FY14

PARKS AND RECREATION

ACCOUNT NUMBER	PROJECT	
	2012-P002	Lions Lake Improvements \$ 95,000
	2012-P004	Maintenance Equipment \$ 14,500
	2013-P001	Parks Master Plan \$ 50,585
	2014-P002	WCC Roof Improvements \$ 400,000
	2014-P008	Trim Grant \$ 11,033
<b>TOTAL PARKS AND RECREATION FUND</b>		<b>\$ 571,118</b>



## Transportation Projects



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### Planning

When planning for Transportation CIP there are several categories that need to be addressed. Projects within this CIP are varied and apply to different aspects managed by the Public Works Staff.

The 2008 City Wide Traffic Study brought forward areas that will help develop long term planning for Transportation needs. In addition, staff has identified “annual needs” that are necessary for public safety.

In 2011 the American Disabilities Act (ADA) Council mandated that cities adopt an ADA Self Evaluation and Transition Plan. This plan was approved by Council in 2012 with projects that need to be addressed in the future in order to comply with State and Federal regulations. The annual Curb and Sidewalk Program now includes ADA projects.

The Cycling and Pedestrian Task Force was formed last year to allow the City to be better informed about the needs of this focus group. Discussions with this group help the City focus on areas of need for future projects. In the coming year, “sharrow” bike route marking will begin to appear on City streets bringing greater attention to motorists that cyclists are also using the roadway. Funding has also been included to assist in the development of the extension of the DD Trail Project for FY14.

The 2014 capital plan includes the annual Street Maintenance Program, Curb and Sidewalk Program, Entryway Signage, and funding for a development agreement with the Credit Union to share cost for the installation of a right turn lane at Business 50 and Maguire.

The long term future planning will include Downtown parking improvements, Traffic and Parking Study, Veterans Road Extension, Upgrading Traffic Signals and completions of the final Downtown Revitalization Phases III-B, IV, V, VI, and VII.

### Funding

City utilizes a variety of funding sources to meet its Capital Improvement needs for transportation: ½ cent Sales and Use Tax, Motor Vehicle Fee and Sales, and the Gasoline Tax. Additionally, funding this past year was received from Missouri Department of Transportation and a Community Development Block Grant.

**2014-2018 FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM  
TRANSPORTATION PROJECTS**

Account Number	Project Number	Project Name & Location	Project Description	Staff Estimated Cost	FUNDING Amount	Funding Source	PRIOR YEARS	PROPOSED Fiscal Yr. (1) 2014	PROPOSED Fiscal Yr. (2) 2015	PROPOSED Fiscal Yr. (3) 2016	PROPOSED Fiscal Yr. (4) 2017	PROPOSED Fiscal Yr. (5) 2018	COMPLETION REMOVAL DATE
210-680	2011-T001	Downtown Parking Improvements	Culton St. Parking Lot - Building Demolition	\$ 176,500		CIP				\$ 40,000			
210-680	2011-T003	West Pine Street (From Warren St. to George Cooper Rd.)	Final Design and Construction	\$ 3,800,000	\$ 3,800,000	CIP				\$ 3,800,000			
210-680	2011-T004a	Highway 13 Improvements	Gay & Maguire Intersection Project	\$ 250,000	\$ 250,000	CIP				\$ 250,000			
210-680	2011-T004b	Highway 13 Improvements	Maguire & Bus. 50	\$ 40,000	\$ 40,000	CIP	\$ 40,000						
210-680	2011-T004c	Highway 13 Improvements	Striping and Signal Maintenance	\$ 70,000	\$ 70,000	CIP	\$ 40,000		\$ 30,000				
210-680	2012-T001	Maguire St. Corridor Study Implementation-TRANSPORTATION	Total reconstruction to create a livable street Cooper Ave, to Hale Lake Road										
210-680	2012-T002	Maguire St. & Highway 50 Interchange	New Interchange										
210-680	2012-T003	Maguire Corridor Study	DOT-TIGER II/ HUD Challenge Grant for Corridor Study ( Proposed 2011-2012 total expenditure \$108,850 thru four Revenue Sources or Grants)	\$ 173,850	\$ 44,900 \$ 90,000 \$ 38,950	HUD DOT CIP							
210-680	2012-T006	Salt Storage Structure	Storage to prevent loss of road salt due to the elements	\$ 80,000	\$ 80,000	CIP			\$ 80,000				
210-680	2012-T007	Implementation of the City Wide Traffic & Parking Study	Gay, Mitchell, Burkarth Traffic & Signal Improvements Engineering Construction Phase Implement Burkarth Traffic Study Pavement Markings and Signs	\$ 102,500 \$ 7,500 \$ 30,000 \$ 5,000	\$ 145,000	CIP				\$ 102,500 \$ 7,500 \$ 30,000 \$ 5,000			
210-680	2012-T008	US 50 Hwy & Devasher Rd Interchange	Final Design and Construction of Interchange	\$ 19,500,617	\$ 19,500,617	CIP				\$ 19,500,617			
210-680	2012-T009	Upgrade Signals & Timing	US 50 & 13 Interconnect, Retime Signals on 13, Restripe Lanes	\$ 105,000	\$ 105,000	CIP				\$ 105,000			
210-680	2012-T010	Veterans Road Extension	Veterans Road Extension between Cayhill and Enterprise	\$ 955,200		CIP/STP			\$ 955,200				
210-680	2012-T011	DD and Mitchell	Widen Major St. Intersections to Improve Traffic Flow	\$ 250,000	\$ 250,000	CIP			\$ 250,000				
210-680	2012-T012	Safe Routes to School Sidewalks Devasher Road Widening	Program to help sidewalk connectivity to School Widen from the Railroad Tracks South	\$ - \$ 100,000	\$ - \$ 100,000	MoDOT CIP				\$ 100,000			
210-680	2013-T001	Compton Garden	Lot west of PD on Washington requirements of Agreement: Gazebo on concrete pad, bench, plaque, sidewalk, deco fence	\$ 20,000						\$ 20,000			
210-680	2013-T003	Downtown Phase III b	Alternates 5, and 6 Grant Match and CIP funding Construction	\$ 66,013 \$ 149,547	\$ 117,439 \$ 149,547	CIP TE Grant	\$ 13,037	\$ 104,402 \$ 149,547					
210-680	2013-T004	Downtown Phase IV	Final Design & Construction Holden Street South From Grover to South Streets	\$ 538,342	\$ 538,342	CIP STP			\$ 538,342				
210-680	2013-T005	Downtown Phase V	Final Design & Construction Courthouse-Market, Maynard, Hout	\$ 1,054,340									
210-680	2013-T006	Downtown Phase VI	Final Design & Construction (Side Streets) North St., Gay St., Culton St., East Pine										
210-680	2013-T007	Downtown Phase VII	Final Design & Construction (alleyscapes)										
210-680	2013-T008	Maguire Street Right Turn Lane	Right turn lane at Maguire and Young Streets Partnership	\$ 150,000			\$ 75,000	\$ 75,000					
210-680	2014-T001	Curb/Sidewalk/ADA	Curb/Sidewalk/ADA	\$ 70,000	\$ 70,000	CIP		\$ 60,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000	
210-680	2014-T002	DD Bike Trail - Marr Drive to Maguire	Extend Bike Trail from Marr Drive to Maguire										
210-680	2014-T003	Downtown Tree Replacement	Downtown Tree Replacement \$1,000 x 10 trees	\$ 10,000	\$ 10,000				\$ 10,000				
210-680	2014-T004	Street Maintenance Program	Annual street resurfacing & contract maintenance Upgrade City traffic signals Maguire Street Cooper to Hale Lake Rd - 11 Controllers	\$ 560,000	\$ 560,000	CIP		\$ 400,000	\$ 560,000	\$ 560,000	\$ 560,000	\$ 560,000	
210-680	2014-T005	Traffic Signal Upgrade Maguire Street	Wireless from Cooper to Hale Lake Rd	\$ 38,445	\$ 38,445	CIP			\$ 38,445				
210-680	2014-T006	Traffic Signal Upgrade Maguire Street	Maguire Signals 11 Signals	\$ 41,492	\$ 41,492	CIP			\$ 41,492				
210-680	2014-T007	Traffic Signal Battery Backup	Signal Radar Detection	\$ 279,708	\$ 279,708	CIP				\$ 291,038			
210-680	2014-T008	Signal Radar Detection Wavetronics	Hwy 50 and Maguire										
210-680	2014-T009	Pedestrian Access	Map 21 Match funds	\$ 20,000	\$ 20,000	CIP			\$ 20,000				
210-680	2014-T012	Mat 21 (Safe Routes)	Markings and Paint	\$ 5,000	\$ 5,000				\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	
210-680	2014-T015	Bike Lanes/Routes Markings	TIGER? Match, Engineering, Environmental	\$ 1,000,000					\$ 1,000,000				
		Maguire Improvements Hwy 50 to Hale Lake Rd	Engineering	\$ 100,000		CIP			\$ 100,000				
		Maguire Street Railroad Bridge											

TOTAL TRANSPORTATION

\$ 29,789,621 \$ 26,385,007

\$ 788,949 \$ 3,739,047 \$ 24,886,655 \$ 635,000 \$ 635,000

## Community Development Projects



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### Planning

Community Development Projects are taken from recently adopted planning documents, work of the Historic Preservation Commission, Tree Board, City Council's Strategic Plan, and staff. Projects brought forward from recently adopted planning documents are listed below. These plans include the Comprehensive City Plan, Maguire Street Corridor Study, and DREAM Initiative. During all of these processes, citizen input was solicited during development of the plans and studies:

- Maguire St. Corridor Study Implementation-LAND USE
- Comprehensive City Plan Update
- Event Pavilion

Projects brought forward from the work of the Historic Preservation Commission or Tree Board are listed below. Historic Preservation Commission has held several public meetings about preservation efforts in general. To create a historic district, the commission is required to seek additional citizen comments and more specifically cooperation from the property owners in the proposed district. The Tree Board will hold a public meeting prior to the start of Tree Inventory if the grant funding is received.

- Historic District-Pine Street
- Historic District-Holden Street
- Building Design Guidelines
- Tree Inventory-Phase 3 Park Tree Inventory
- Tree Management Plan

Projects brought forward from City Council's Strategic Plan are listed below.

- Revitalization of Blighted Areas
- Annexation
- Beautification of Maguire Street including cross street banners, entry signs, Highway 50 bridge enhancement

Additional items brought forward from staff include the following:

- Broadview Floodplain surveys

### Funding

Revenues for several of the projects depend upon grant funding. All of the projects brought forward from the work of the Historic Preservation Commission and Tree Board are proposed to be funded from state grants through the State Historic Preservation Office (SHPO) or the Missouri Department of Conservation (MDC). These grants are matching grants whereby the City fronts the full cost of the project and then reimbursed by the state for a portion of the funds. SHPO grants require a 40% local match and MDC grants a 25% match. Other projects would be funded by the General Fund, Capital Improvement Fund, or another funding source such as a special assessment or bonds as a result of a ballot issue.

**2014-2018 FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM  
COMMUNITY DEVELOPMENT**

Account Number	Project Number	Project Name & Location	Project Description	Staff Estimates		Funding Source	PRIOR YEARS	PROPOSED	PROPOSED	PROPOSED	PROPOSED	PROPOSED	COMPLETION REMOVAL DATE
				Total Cost	Financing			Fiscal Yr. (1) 2014	Fiscal Yr. (2) 2015	Fiscal Yr. (3) 2016	Fiscal Yr. (4) 2017	Fiscal Yr. (5) 2018	
110-641	2012-CD001	Historic District	Pine Street Districts National Register Application	\$ 6,300	\$ 2,265	GF		\$ 2,500	\$ 4,000				
110-641	2012-CD002	Historic District	Holden Street District National Register Application	\$ 13,300	\$ 5,065	GF				\$ 13,300			
110-641	2012-CD003	Revitalization of Blighted Areas	Neighborhood Stabilization Program	\$ 70,000	\$ 70,000	GF				\$ 35,000	\$ 35,000		
			Private Housing Rehab Program	\$ 50,000	\$ 50,000	GF				\$ 30,000	\$ 20,000		
215-680	2012-CD004	Maguire St. Corridor Study Implementation-LAND USE	Miscellaneous Expenses	\$ 15,000	\$ 15,000	CIP			\$ 5,000	\$ 5,000	\$ 5,000		
110-641	2013-CD001	Building Design Guidelines	Design guidelines book	\$ 40,300	\$ 15,800	GF					\$ 15,800		
					\$ 24,500	SG					\$ 24,500		
215-680	2013-CD002	Comprehensive City Plan Update	5 year update	\$ 30,000	\$ -	CIP							
110-642	2013-CD005	Tree Inventory	Phase 2 of Street Tree Inventory	\$ 12,300	\$ 2,300	GF	\$ 12,300						
					\$ 10,000	SG							
430-611	2013-CD006	Tree Inventory	Phase 3 Park Tree Inventory	\$ 12,300	\$ 2,300	PK		\$ 12,300					
					\$ 10,000	SG							
110-642	2013-CD007	Tree Management Plan	City-Wide Tree Management Plan	\$ 5,000	\$ 1,250	GF			\$ 5,000				
					\$ 3,750	SG							
215-680	2013-CD008	Event Pavillion	Permanent pavillion on west end of depot parking lot	\$ 750,000	\$ 750,000	CIP/ Ballot				\$ 375,000	\$ 375,000		
110	2014-CD001	Annexation Legal Fees	Legal Fees for Annexation			GF		\$ 10,000					
	2014-CD002	Broadview Floodplain Surveys		\$ 15,000	\$ 15,000								
	2014-CD003	Cross Street Banners	Pulley System for Downtown	\$ 30,000	\$ 30,000								
	2014-CD005	Maguire Street Entry Signs	Bridge Enhancement	\$ 40,000	\$ 40,000	CIP			\$ 40,000				
215-680	2011-T002	Entryway Signs Monument Style	Acquire sites, create and install 2 entryway signs	\$ 60,000	\$ 60,000	CIP		\$ 60,000					
TOTAL COMMUNITY DEVELOPMENT				\$ 1,149,500	\$ 1,119,500		\$ 12,300	\$ 84,800	\$ 54,000	\$ 458,300	\$ 475,300	\$ -	

## Economic Development Projects



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### **Planning**

Economic Development Projects is a new category within the Capital Improvements document with the specific purpose of funding and tracking related projects. The items currently within this program; Hawthorne Development, Development Agreements, Building Demolitions and Land Improvements and Acquisition Costs related to Annexations. This program will continue to grow and needs arise for the development and growth of the City.

### **Funding**

Revenues will be tracked through the General Fund, ½ Cent Sales Tax Fund, or another funding source such as a special assessment or bonds as a result of a ballot issue.

**2014-2018 FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM  
ECONOMIC DEVELOPMENT**

Account Number	Project Number	Project Name & Location	Project Description	Staff Estimates		Funding Source	PRIOR YEARS	PROPOSED	PROPOSED	PROPOSED	PROPOSED	PROPOSED	COMPLETION REMOVAL DATE
				Total Cost	Financing			Fiscal Yr. (1) 2014	Fiscal Yr. (2) 2015	Fiscal Yr. (3) 2016	Fiscal Yr. (4) 2017	Fiscal Yr. (5) 2018	
	2013-ED001	Hawthorne TDD	NID										
	2014-ED001	Building Demolitions/Land Improvement	Culton Street Property	\$ 41,000	\$ 41,000				\$ 41,000				
	2014-ED002	Cost Share Agreements	TIF and Development Cost Share	\$ 150,000	\$ 150,000	GF			\$ 150,000				
	2014-ED003	Master Development & Planning	Hawthorne	\$ 25,000	\$ 25,000	GF							
	2014-ED004	TIF Application or Funding							\$ 25,000				
	2014-ED005	Hawthorne Upgrades and Improvements	Excavation										
	2014-ED006	Acquisition Costs	Business Park										
		Annexation	Land Use and control to Hwy 13 Bypass										
215-680	2014-T010	Young Street Improvement Grant	Young Street Improvement	\$ 25,000	\$ 25,000	CIP			\$ 25,000				
215-680	2014-T011	Maguire Street Improvement Grant	Maguire Street Improvement	\$ 25,000	\$ 25,000	CIP			\$ 25,000				
	2013-CD003	Future Technology/Business Park	Reserved Fund	\$ 200,000	\$ 200,000	GF		\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000		
215-680	2013CD004	Future Technology/Business Park	Development Costs			CIP							
	2014-CD008	Hawthorne Signs Lighting	Cabinets and Lighting	\$ 26,000	\$ 26,000	GF		\$ 26,000					
	2014-ED007	Pine Street Properties Demolitions	Demolition of Pine Street Properties, 3 lots	\$ 60,000	\$ 60,000	GF		\$ 60,000					
	2013-CD010	DREAM Implementation	Pine Street Building Façade Grants			GF	\$ 5,000	\$ 5,000					
210-680	2013-T009	Highway DD Trail East of Warrensburg City Lin Consulting		\$ 26,000	\$ 26,000	CIP		\$ 26,000					
<b>TOTAL ECONOMIC DEVELOPMENT</b>				<b>\$ 578,000</b>	<b>\$ 578,000</b>		<b>\$ 5,000</b>	<b>\$ 167,000</b>	<b>\$ 316,000</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ -</b>	<b>-</b>

## Information Technology Projects



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### Planning

The City's current IT architecture has reached a point requiring its replacement and we are looking to take advantage of emerging technologies and architectural strategies that will better provide the reliability, security and flexibility needed by the city. Along with its aging architecture we want an evaluation of our network infrastructure to determine its capability in taking full advantage of any proposed changes in the IT architecture. This development of the City's IT Master Plan will need to provide the best possible and economically feasible solution while allowing for continued growth to fulfill the anticipated needs and desires of City staff and the citizens of Warrensburg.

### Funding

Funding for this project is through the ½ cent sales tax of the General Fund. The funds reserved \$145k that were set aside for FY13 are needed to carry over to FY14 and to combine with that years \$60k for a total of \$205k for the project.

**2014-2018 FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM  
INFORMATION TECHNOLOGY**

Account Number	Project Number	Project Name & Location	Project Description	Staff Estimates		Funding Source	PRIOR YEARS	PROPOSED	PROPOSED	PROPOSED	PROPOSED	PROPOSED	COMPLETION REMOVAL DATE
				Total Cost	Financing			Fiscal Yr. (1) 2014	Fiscal Yr. (2) 2015	Fiscal Yr. (3) 2016	Fiscal Yr. (4) 2017	Fiscal Yr. (5) 2018	
215-680	2013-IT001	GIS System	Hardware and software Geographic Information System (GIS) mapping system	\$ 200,000	\$ 200,000	CIP			\$ 100,000	\$ 100,000			
215-680	2013-IT002	Document Management System	Software	\$ 100,000	\$ 100,000	CIP			\$ 100,000				
215-680	2013-IT003	Building Permit Software	Software	\$ 100,000	\$ 100,000	CIP				\$ 100,000			
215-680	2013-IT005	Fire Suppression System Server Room		\$ 30,000	\$ 30,000		\$ 30,000						
215-680	2013-IT006	City Wide WiFi	Eliminate cost for aircard deployment with PD, FD, PW, CD. Possible reduction in phone/DSL costs at remote sights	\$ 200,000	\$ 200,000					\$ 100,000	\$ 100,000		
215-680	2013-IT007	Contigency Site	Establish offsite location for City operations in case of catastrophic system loss at City Hall	\$ 100,000	\$ 100,000				\$ 50,000	\$ 50,000			
215-680	2013-IT009	Video Surveillance - Public Area City Hall		\$ 10,000	\$ 10,000	CIP			\$ 10,000				
215-680	2014-IT001	Fiber Connection to Emergency Call Center	With proposed Johnson County Central Dispatch relocating communications will need to be re-established for Emergency Phone and MULES connection between JCCD and WPD servers				CIP/JCCD						
215-680	2014-IT002	Sound Baffles	Sound baffles for IT Offices and Training Room	\$ 2,000	\$ 2,000	GF			\$ 2,000				
215-680	2014-IT003	Financial Software/Incode Upgrade Version 10	Upgrade Incode to Version 10 - costs for training, travel, expenses, annual subscription fee, annual user fee for 120 persons. Annual cost to GL in following years	\$ 201,000	\$ 201,000				\$ 201,000				
215-680	2014-IT004	ADA Transition Plan TTDY	Install ADA TTDY System	\$ 3,000	\$ 3,000	GF			\$ 1,000				
215-680	2014-IT005	Monitor CH Lobby		\$ 1,200	\$ 1,200				\$ 1,200				
215-680	2014-IT006	IT Training Rm Smart Board	60" LED, with tuner/speakers	\$ 8,000	\$ 8,000	CIP			\$ 8,000				
215-680	2014-IT007	IT Infrastructure Project	Purchasing of software licensing, equipment, consultant services, co-location partnerships	\$ 325,000	\$ 325,000	CIP		\$ 205,000					
	2014-CD	Plans Review Smart Board	60"LED without tuner	\$ 6,000	\$ 6,000	GF			\$ 6,000				
	2014-PD	PD Squad Rm Status Board	47" monitor	\$ 2,000	\$ 2,000	GF			\$ 2,000				
TOTAL INFORMATION TECHNOLOGY				\$ 1,288,200	\$ 1,288,200		\$ 30,000	\$ 205,000	\$ 481,200	\$ 350,000	\$ 100,000	\$ -	



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### **Planning**

City of Warrensburg is undertaking a basic analysis of the storm water system. The analysis will focus on several areas of handling storm water including, but not limited to: a storm water asset inventory of the system, basin-by-basin analysis of the hydrology and hydraulics of the system, potential improvements, needs analysis and development recommendations. The master plan will be prepared in four to five separate authorizations and encompass four to five budget years. The first authorization will encompass data collection and overview of the entire system. The second through fifth authorizations will include analysis and recommendations for basins in the four quadrants of the City.

The storm water asset inventory will involve the use of existing topographic information to determine all watershed basins within the City. The consultant will use any existing mapping along with USGS topographic information and superimpose on city maps. Existing system mapping will be used to develop a basin-by-basin inventory of existing infrastructure. The existing structure numbering system will be used to develop a framework for modeling the system. Field investigations will be performed to provide simple condition assessments as to size, material and condition of the infrastructure elements 18" and greater.

A basin analysis will be performed of the system in the four quadrants of the City to develop an understanding of storm water runoff flows in each basin. Data will be collected on existing storm flows for 2, 10, and 100 year return frequencies based on existing development patterns. A model will be prepared in a manner to anticipate and determine future flows based on proposed development. The expected outcome should result in a listing of under capacity components in the system along with defined storm water impact areas (floodplains). This data will be used to identify system deficiencies and cost to correct, and prioritize improvements.

### **Funding**

Initially, funding will need to be within the CIP budget. Revenue sources must be established once the quantity of deficiencies is determined, improvements are prioritized, and costs estimated. Future sources could be by the development of a Storm Water Utility, Neighborhood Improvement Tax, Development Charges, or Capital Improvements Tax.

**2014-2018 FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM  
ENVIRONMENTAL, SOLID WASTE, STORMWATER**

Account Number	Project Number	Project Name & Location	Project Description	Staff Estimates		Funding Source	REVISED	PROPOSED	PROPOSED	PROPOSED	PROPOSED	PROPOSED	COMPLETION REMOVAL DATE
				Fiscal Yr. 2013	Fiscal Yr. (1) 2014		Fiscal Yr. (2) 2015	Fiscal Yr. (3) 2016	Fiscal Yr. (4) 2017	Fiscal Yr. (5) 2018			
215-680	2012-E001	Stormwater Utility Plan Analysis Master Plan	Engineering and Legal expenses	\$ 370,000	\$ 370,000	CIP	\$ -	\$ 90,000	\$ 280,000				
215-680	2012-E002	Storm Drainage Repairs Program	Various Drainage Improvement Projects and Repairs	\$ 1,000,000	\$ 50,000	CIP	\$ 50,000		\$ 50,000	\$ 50,000	\$ 50,000	\$ 100,000	
			PW Bldg Drainage	\$ 20,000		CIP			\$ 20,000				
			Oak Manor Storm Drain (finish project in house)	\$ 80,000		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				
		Recycling Grant	Recycling Compost	\$ 14,050	\$2,789.40 \$11,335.00	CIP & GRANT		\$ 14,050					
<b>TOTAL ENVIRONMENTAL, SOLID WASTE, STORMWATER</b>				\$ 1,969,050	\$ 420,000		\$ 90,000	\$ 104,050	\$ 835,000	\$ 50,000	\$ 50,000	\$ 100,000	

## Wastewater Projects



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### Planning

Long term planning for Wastewater needs takes place in two categories, plant operations and collection system. City staff within the Public Works Department work with the Missouri Department of Natural Resources (MDNR), Environmental Protection Agency (EPA) and consulting engineers in order to stay compliant with any regulations that will impact the treatment and operations of the wastewater facilities and the citizens of the City.

In 2005 the citizens of Warrensburg passed a Sewer Revenue Bond to make the necessary improvements to meet the continued regulations of MDNR and EPA for future years. After a review of the total sewer utility, it was determined that improvements totaling \$22.7 million would be needed to make necessary improvements. The Missouri State Revolving Fund Program (SRF), a low interest loan through the state of Missouri, was awarded to the city and improvements began in 2005 with the Northeast Interceptor Extension. Improvements were also made to the West Pine Interceptor, East Plant Bank Stabilization, and East and West Plant Improvements which included Disinfection and Reed Beds implementation.

The final phase of the improvements within the SRF funding was the North Lagoon Bypass, North Pump Station and Northwest Interceptor which saw completion this past summer.

MDNR mandated that all wastewater collection lines be tested for water inflow and infiltration with a 3 year completion date to collect data and report major problem areas. The Collection Department divided the City into quadrants and smoke testing in these areas for the past 3 years. Currently on schedule, they should be completed in another year. At that time, repairs will need to begin in the major problem areas. This is a future item in the CIP and will need to be addressed when all smoke testing is completed.

Wastewater staff actively worked with MDNR on permitting for Copper, Total Recoverable Effluent Limits, in order to determine if the permit could be modified. Specifically, staff worked to gain MDNR approval for a Stream Study Plan, review of laboratory testing procedures, and analysis of the public water supply. Ultimately, the goal of acquiring permit level requirements that would keep the effluent discharge in compliance for the plants was attained and Copper limits were modified.

### Funding

Wastewater Utility is an Enterprise Fund and therefore, self sufficient with sewer rates based upon water usage throughout the City system. Each year an audit is performed by off site auditors and engineering consultants to determine if rates collected will continue to offset expenses for the Utility.

In February 2006, an agreement between the Southeast Sewer District and City of Warrensburg allowed the county residence in this designated area to connect to the City sewer system once the Northeast Interceptor was completed. This is additional revenue with approximately 350 customers allowed access to the interceptor line.

Sewer rates will be once again reviewed and determined based upon expenses and upcoming mandates from MDNR and EPA.

**2014-2018 FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM  
WASTEWATER**

Account Number	Project Number	Project Name & Location	Project Description	Staff Estimates		Funding Source	PRIOR YEARS	PROPOSED	PROPOSED	PROPOSED	PROPOSED	PROPOSED	COMPLETION REMOVAL DATE
				Total Cost	Financing			Fiscal Yr. (1) 2014	Fiscal Yr. (2) 2015	Fiscal Yr. (3) 2016	Fiscal Yr. (4) 2017	Fiscal Yr. (5) 2018	
610-680	2013-WW1	Inflow and Infiltration Study	WPC			WPC CIP					\$ 100,000		
610-680	2013-WW2	North Lagoon Bypass, North Pump Station	DNR mandated close down of North Lagoon and bypass to West Wastewater Plant	\$ 3,518,724	\$ 3,518,724	SRF	\$ 3,341,000						
610-680	2013-WW3	Miscellaneous Repair Projects	Miscellaneous Repair Projects	\$ 520,000	\$ 520,000	WPC CIP	\$ 20,000		\$ 100,000	\$ 100,000	\$ 100,000		
610-680	2013-WW4	Sewer Interceptors	Line B - Southeast-Possible Bond issue (Segment 1)	\$ 340,000	\$ 340,000	RB/SRF							
			Segment 2	\$ 475,000	\$ 475,000	RB/SRF							
			Segment 3	\$ 80,000	\$ 80,000	RB/SRF							
			Line C Southwest	\$ 988,700	\$ 988,700	RB/SRF			\$ 100,000				
			Line D Northwest	\$ 1,925,000	\$ 1,925,000	RB/SRF							
610-680	2014-WW1	Wastewater Rate Master Plan	Comprehensive Study on Sewer Rates			WPC CIP							
610-671	2014-WW2	UV Shelter West Plant	UV Shelter at West Plant	\$ 30,300	\$ 30,300	WPC		\$ 30,300					
610-611	2014-WW3	Sanitary Sewer Annual Rate	Annual Rate Review			WPC							
610-671	2014-WW4	Mixer Pump East Plant	Mixer Pump at East Plant	\$ 17,750	\$ 17,750	WPC		\$ 17,750					
610-671	2014-WW5	Copper Study	Copper Study for Plants			WPC							
610-680	2014-WW6	I & I Study Implementation	Repair Projects as a result of I & I Study	\$ 400,000	\$ 400,000	WPC CIP			\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	
<b>TOTAL WASTEWATER</b>				\$ 8,295,474	\$ 8,295,474		\$ 3,361,000	\$ 48,050	\$ 200,000	\$ 300,000	\$ 300,000	\$ 100,000	

## Parks and Recreation Projects



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### **Planning:**

Ultimate goal for the Capital Project for the Parks & Recreation Board is to take care of the facilities currently under the jurisdiction of the department. In this economic state it is the desire of the board to meet the needs of the community through long term planning. The survey portion of the Master Plan is being conducted at this time and with the feed back from the community, the Park and Recreation Board is prepared to make changes if needed. The following projects have the upmost interest for the Parks & Recreation Board:

### **Master Plan of Warrensburg Parks & Recreation:**

Development of a comprehensive Parks, Recreation, Trails and Open Space Master Plan will be one of the milestones of a successful Parks & Recreation Department. This undertaking will involve the efforts of the entire community, providing insight to the current and future needs for Parks & Recreation in Warrensburg. It is the goal of the Parks & Recreation Board to complete the plan by June 2014

### **Lions Lake/Lions Lake Park Improvements:**

Project will provide a trail around a portion of Lions Lake, recreational amenities like benches, educational signage and opportunity of our citizens to enjoy the out-of-doors in a nice natural setting. This project could not be completed without the donations from the Hamann Family and Lions Lake Initiative. Projected completion is January 2015.

### **Blind Boone Park Construction:**

Project will be solely constructed by volunteers spearheaded by Sandy Irlle. The project will provide a shelter for family reunions and other type of gatherings in Blind Boone Park. This project is contingent upon a construction of a parking lot, road and ADA standards that are constant with City policies.

### **Maintenance Equipment:**

Replacement program established by the Parks & Recreation Board meets the maintenance needs for the department, as well as lease of a skid steer to improve the trails, and assist with other projects throughout the coming year. Each year \$10,000-\$25,000 will be a consideration within the CIP Program for maintenance.

### **Scoreboard West Park:**

Creating a partnership to improve the quality of the American Legion Field, utilized by the Warrensburg High School and American Legion, is the desire of the Parks & Recreation Board. This project will help purchase a scoreboard.

### **Disk Golf:**

Project is to create a 9 hole Disk Golf Course in Marr Park and to partnership with UCM to complete the project. Hopefully this project will be finished in the FY13 budget if not will carry over to FY14 budget year.

### **Warrensburg Community Center Roof:**

Due to the additional leaks in the WCC roof a need to complete this project is necessary. It is the goal of the Parks & Recreation Board to begin this project in the FY13 budget and complete in the FY14 budget.

## Parks and Recreation Projects (Continued)



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### FY2015-2018

Once the master plan has been completed in 2014, the projected list will provide more detail. Because one of the goals for the master plan is citizen input, changes to the CIP Plan may occur.

#### **Funding:**

Funding utilized from the 3/8 Cent Sales Tax, Partnerships and utilization of the fund balance availability.

**2014-2018 FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM  
PARKS AND RECREATION**

430 Account Number	Project Number	Project Name & Location	Project Description	Staff Estimates		Funding Source	REVISED	PROPOSED	PROPOSED	PROPOSED	PROPOSED	PROPOSED	COMPLETION
				Fiscal Yr. 2013	Fiscal Yr. (1) 2014		Fiscal Yr. (2) 2015	Fiscal Yr. (3) 2016	Fiscal Yr. (4) 2017	Fiscal Yr. (5) 2018	REMOVAL DATE		
611-6402	2012-P002	Lions Lake Park Improvements	Construct Trail around lake in Lions Lake Master Plan, Grant application	\$ 150,000	\$ 100,000 \$ 25,000 \$ 25,000	Grant Donation Park	\$ (10,000) \$ 60,000	\$ (35,000) \$ (15,000) \$ 95,000					
21 Century	2012-P003	Blind Boone Park Const	Building a shelter	\$ 15,000	\$ 15,000	Donation							
631 varies	2012-P004	Maintenance Equipment	Improve equipment & Rotation- Gator Lawn Mowers, Grass Catcher	\$ 55,500	\$ 55,500	Park		\$ 14,500	\$ 10,000	\$ 10,000	\$ 10,000		
611-4103	2012-P005	Software Improvements	Class (Central) Software	\$ 10,000	\$ 10,000	Park		N/A	\$ 2,500	\$ 2,500	\$ 2,500		
631-5703	2012-P006	Scoreboard West Park	American Legion Field Partnership with School/American Legion	\$ 10,000	\$ 5,000 \$ 5,000	Park Donation			\$ 5,000				
631-5205	2012-P007	Park Signage	Unified signage for all facilities	\$ 15,000	\$ 15,000	Park		N/A	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	
N/B	2012-P008	Disk Golf	Partnership with UCM 9 hole	\$ 15,000	\$ 7,500 \$ 7,500	Park UCM			\$ 2,500	\$ 2,500	\$ 2,500		
	2013-P001	Parks Master Plan		\$ 30,000	\$ 30,000	Fund Bal	\$ 27,330	\$ 50,585					
	2013-P002	Nassif Parking Lot		\$ 71,000	\$ 71,000	Park			\$ 31,000				
611-6299	2013-P003	Nassif Slide	Purchase additional slide	\$ 95,000	\$ 95,000	Park			\$ 95,000				
611-6299	2013-P004	Play Ground Equipment	Additional or Improvement of Play Grounds in each park & other Recreational amenities	\$ 400,000	\$ 400,000	Park			\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	
611-6299	2013-P005	Grover Park Improvements	Erosion Control, Shelter, Ballfield Improvement Flume, Concrete	\$ 350,000	\$ 350,000	Park			\$ 100,000	\$ 100,000	\$ 150,000		
631-5703	2014-P001	ParkingLot Cave Hollow	Working with the Public Works Department Engineering Cost	\$ 200,000 \$ 50,000	\$ 200,000 \$ 50,000	Park/GF Park/GF			\$ 200,000 \$ 50,000				
633-5701	2014-P002	WCC Improvement	Roof improvements - every 16-20 yrs	\$ 220,000	\$ 220,000			\$ 400,000	\$ 200,000				
631-5703	2014-P003	Shepard Park Improve	Repair & improve restrooms, shelter Big Brothers & Sister House	\$ 260,000	\$ 200,000 \$ 60,000	Donation Park			\$ 260,000				
633-5703	2014-P004	Parking lot at Community Center	Overlay parking lot -work with Public Works Dept.	\$ 120,000	\$ 120,000	Park/GF			\$ 120,000				
611-6299	2014-P005	Cave Hollow Park Const	Additional Ballfields/Dog Park	\$ 140,000	\$ 100,000	Grant			\$ 140,000				
611-6402	2014-P006	Trail Construction	Follow Master Plan	\$ 200,000	\$ 100,000	Grant		\$ (10,000)					
611-6403		Trim Inventory	Trim Grant	\$ 100,000	\$ 100,000	Park and Transportation Tax		\$ 11,033	\$ 200,000				
N/A	2014-P007	Purchase Park Land	Additional Park Land East Side	N/A	N/A	Park/ Additional Sales Tax			N/A				
611-6299	2015-P001	Nassif Expansion	Additions to Nassif- Recreational Amenities & parking lot	\$ 500,000	\$ 500,000	Park/ Additional Sales Tax			\$ 500,000				
611-6299	2015-P002	West Park Construction	Shelter, fence, spectator, batting cages multi use field	\$ 200,000	\$ 200,000	Park			\$ 200,000				
631-6101	2015-P003	Maintenance Building	Construction of new building	\$ 400,000	\$ 400,000	Park/Loan			\$ 400,000				
611-6299	2016-P001	Soccer Complex	Construction of offical soccer field Work with school system & others	\$ 300,000	\$ 150,000 \$ 150,000	Partnership Park				\$ 300,000			
611-6402	2016-P002	Trail Construction	Follow Master Plan	\$ 200,000	\$ 100,000 \$ 100,000	Grant Park				\$ 200,000			
N/A	2016-P003	WCC Expansion	Add on to building where needed	N/A		Park/ Additional Sales Tax				N/A			
<b>TOTAL PARKS AND RECREATION</b>				\$ 4,106,500	\$ 3,966,500		\$ 77,330	\$ 511,118	\$ 1,518,500	\$ 1,317,500	\$ 767,500	\$ 102,500	

## **2014-2018 Capital Equipment Replacement Plan**

The Capital Equipment Replacement Plan is a five year forecast of equipment replacement needs for the City of Warrensburg. This document will identify the needs of each department in the replacement of equipment, vehicles, and technology for the next five (5) years. The first year will be included in the FY14 Operating Budget with the future years as a planning tool for Council. The Equipment Replacement Plan does not include Capital Improvement Projects. The Capital Improvements Plan (CIP) will be developed in a separate document.

The Capital Equipment Replacement Plan is developed by key staff including City Manager, Public Works Director, Community Development Director, Parks Director, Fire Chief, Police Chief, Finance Officer, Finance Assistant, System Administrator and Public Works Administrative Project Manager.

Capital Equipment Plan includes equipment, vehicles, and technology otherwise not funded by grants, loans, vehicle taxes, or other capital improvement funding. This plan is included in the Operating Budget as a Capital Outlay and items are identified as Fixed Assets.

City Manager will review with each department the requests for the FY14 budget and determine which equipment will be included, with funding and future expenses identified within this document.

## **OVERVIEW**

Capital Vehicles and Equipment is a major planning tool within the General Fund, CIP Transportation Fund, Wastewater Fund and Parks Fund. This is a five year document that presents a plan to Council for future vehicle and equipment expenses. The plan is a budgeting tool to look at budget requests and determine the needs of the departments. Expenses are included within the designated funds and then determined if funding is available at that time.

The Capital Vehicles and Equipment document is a fluid document that can be revised as the needs change, the remaining four (4) years represent all equipment and vehicles proposed for the future.

## **RESPONSIBILITY FOR CAPITAL EQUIPMENT DEVELOPMENT**

The Capital Vehicles and Equipment information is provided by a group of city staff representatives who identify and initiate the process. Key staff includes City Manager, Public Works Director, Community Development Director, Parks Director, Fire Chief, Police Chief, Finance Director, Systems Administrator, Finance Assistant, and Public Works Administrative Project Manger.

City Council reviews the recommendations from all groups involved in the process. Adoption of the Capital Vehicles and Equipment will be presented along with the Capital Improvements document for final approval by Resolution.

## **CAPITAL VEHICLES AND EQUIPMENT SUMMARY**

The City of Warrensburg 2014-2018 Capital Vehicles and Equipment Plan is divided into General Fund, CIP Transportation Fund, Wastewater Fund, and Park Fund. Department needs within the fund is recognized in each plan.

### **General Fund**

- Street Department
- Sunset Hill Cemetery
- Law Enforcement
- Fire Department

### **Transportation - Capital Improvements**

- Street Department

### **Wastewater Fund**

- Wastewater Plants
- Wastewater Collections

### **Parks and Recreation Fund**

## SUMMARY EQUIPMENT AND VEHICLES

Vehicles and Equipment	Fund	2014	2015	2016	2017	2018	Out Years
Street Department	General Fund/CIP	\$23,000	\$179,000	\$52,500	\$147,000	\$374,000	\$1,205,000
Sunset Hill Cemetery	General Fund	\$0	\$0	\$9,000	\$12,000	\$24,000	\$41,000
Buildings and Grounds	General Fund	\$0	\$65,000	\$0	\$0	\$0	\$0
Community Development	General Fund	\$15,690	\$0	\$0	\$0	\$0	\$0
Law Enforcement	General Fund	\$130,000	\$179,000	\$117,000	\$129,500	\$81,000	\$278,500
Fire Department	General Fund	\$90,000	\$795,500	\$293,000	\$733,000	\$92,500	\$0
Wastewater - Plants	Wastewater Fund	\$0	\$160,000	\$27,000	\$88,000	\$0	\$38,000
Wastewater - Collections	Wastewater Fund	\$0	\$0	\$85,000	\$25,000	\$35,000	\$335,000

## STREET DEPARTMENT EQUIPMENT AND VEHICLES

Unit	Vehicles and Equipment	2014	2015	2016	2017	2018	Out Years
<b>Revenue Source: General Fund and Transportation CIP</b>							
	Paint Grinder UNFUNDED LIST	\$3,000					
	Paint Machine UNFUNDED LIST	\$15,000					
	Enclosed Trailer for Paint Machine UNFUNDED LIST	\$5,000					
	Replacement of 1992 John Deere Backhoe/Loader		\$100,000				
	Install 125kw Generator and Switch from City Hall		\$10,000				
	Bobcat Broom		\$9,000				
	Replacement of Crafcoc Melter		\$30,000				
	Enclosed Barricade Trailer		\$15,000				
	Tilt Trailer		\$15,000				
	42" Asphalt Planer			\$30,000			
	Replacement of Brush Chipper			\$22,500			
	Replacement of 2007 Planer				\$12,000		
2	Replacement of 2008 F550				\$60,000		
11	Replacement of 2008 Ford F550				\$60,000		
18	Replacement of 2006 Belshe Trailer				\$15,000		
	Replacement of Grimmer Schmidt Air Compressor					\$12,000	
1	Replacement of 2011 Ford F450					\$47,000	
5	Replacement of 2011 Ford F350					\$35,000	
19	Replacement of 2009 International					\$160,000	
7	Replacement of 2003 International					\$120,000	
<b>TOTAL PAGE 1</b>		<b>\$23,000</b>	<b>\$179,000</b>	<b>\$52,500</b>	<b>\$147,000</b>	<b>\$374,000</b>	<b>\$0</b>

## STREET DEPARTMENT EQUIPMENT AND VEHICLES

Unit	Vehicles and Equipment	2014	2015	2016	2017	2018	Out Years
<b>Revenue Source: General Fund and Transportation CIP</b>							
	Replacement of 2004 Bomag Roller						\$30,000
757	Replacement of 2009 Ford Escape						\$20,000
6	Replacement of 2004 International						\$120,000
9	Replacement of 2009 International						\$160,000
15	Replacement of 2010 Challenger Sweeper						\$160,000
	Rplacment of 2005 Side Boom Mower						\$80,000
13	Replacement of 2008 Eager Beaver Trailer						\$30,000
	Replacement of 2005 Volvo Loader						\$150,000
	Replacement of 2006 Bobcat UTV						\$15,000
755	Replacement of 2006 Ford F250						\$30,000
761	Replacement of 2006 Ford F250						\$30,000
	Replacement of 2007 Ford F550						\$60,000
17	Replacement of 2007 International						\$160,000
8	Replacement of 2012 International						\$160,000
	Replacement Caterpillar 112 F Motor Grader						
<b>TOTAL PAGE 2</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,205,000</b>
<b>TOTAL STREET DEPARTMENT</b>		<b>\$23,000</b>	<b>\$179,000</b>	<b>\$52,500</b>	<b>\$147,000</b>	<b>\$374,000</b>	<b>\$1,205,000</b>

## SUNSET HILL CEMETERY EQUIPMENT AND VEHICLES

Vehicles and Equipment	2014	2015	2016	2017	2018	Out Years
<b>Revenue Source: General Fund and Donations</b>						
Replacement 2012 Hustler Mower			\$9,000			
Replace 1997 John Deere Gator				\$12,000		
Replacement 2008 Ford Ranger					\$24,000	
Replace John Deere 990 Tractor						\$14,000
431 Loader Attachment						\$4,000
Replace Parkhurst Utility Dump Trailer						\$4,000
Replace 2005 12' Bilrite Utility Trailer						\$5,000
Replace 2003 John Deere 855 Tractor						\$14,000
<b>TOTAL CEMETERY</b>	<b>\$0</b>	<b>\$0</b>	<b>\$9,000</b>	<b>\$12,000</b>	<b>\$24,000</b>	<b>\$41,000</b>

## BUILDINGS AND GROUNDS EQUIPMENT AND VEHICLES

Vehicles and Equipment	2014	2015	2016	2017	2018	Out Years
<b>Revenue Source: General Fund</b>						
Replacement of Generator at City Hall		\$65,000				
<b>TOTAL BUILDINGS AND GROUNDS</b>	<b>\$0</b>	<b>\$65,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**COMMUNITY DEVELOPMENT EQUIPMENT AND VEHICLES**

<b>Vehicles and Equipment</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Out Years</b>
<b>Revenue Source: General Fund</b>						
CMT Vehicle	\$15,690					
<b>TOTAL COMMUNITY DEVELOPMENT</b>	<b>\$15,690</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

## LAW ENFORCEMENT

Vehicles and Equipment	2014	2015	2016	2017	2018	Out Years
<b>Revenue Source: General Fund</b>						
Replace 2009 Chevy Impala #105	\$26,000					
Replace 2007 Ford #110 LIST	\$26,000					
Replace 2010 Ford #103 LIST	\$26,000					
Replace 2010 Ford #107 LIST	\$26,000					
Replace 2010 Ford #111 LIST	\$26,000					
Replace 2005 Dodge Dakota #140		\$22,000				
Replace 2011 Ford #102		\$26,500				
Replace 2011 Ford #106		\$26,500				
Replace 2011 Ford #108		\$26,500				
Replace 1990 Chevrolet Van SERT		\$30,000				
Replace 2003 Taurus #114		\$21,000				
Replace 2005 Ford #116		\$26,500				
Replace 2012 Ford #101			\$27,000			
Replace 2012 Ford #109			\$27,000			
Replace 2007 Taurus #115			\$21,000			
Replace 2006 Escape #113			\$21,000			
Replace 2008 Chevrolet #112			\$21,000			
Replace 2009 Escape #117				\$21,500		
Replace Vehicle #103				\$27,000		
Replace Vehicle #105				\$27,000		
Replace Vehicle #107				\$27,000		
Replace Vehicle #111				\$27,000		
<b>TOTAL PAGE 1</b>	<b>\$130,000</b>	<b>\$179,000</b>	<b>\$117,000</b>	<b>\$129,500</b>	<b>\$0</b>	<b>\$0</b>

## LAW ENFORCEMENT

Vehicles and Equipment	2014	2015	2016	2017	2018	Out Years
<b>Revenue Source: General Fund</b>						
Replace Vehicle #102					\$27,000	
Replace Vehicle #106					\$27,000	
Replace Vehicle #108					\$27,000	
Replace Vehicle #101						\$27,000
Replace Vehicle #110						\$27,000
Replace Animal Control Vehicle #140						\$22,500
Replace Vehicle #109						\$27,000
Replace Vehicle #114						\$27,000
Replace Vehicle #116						\$27,000
Replace Vehicle #115						\$21,500
Replace Vehicle #113						\$21,500
Replace Vehicle #112						\$21,500
Replace SERT Van						\$35,000
Replace Vehicle #117						\$21,500
<b>TOTAL PAGE 2</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$81,000</b>	<b>\$278,500</b>
<b>TOTAL LAW ENFORCEMENT</b>	<b>\$130,000</b>	<b>\$179,000</b>	<b>\$117,000</b>	<b>\$129,500</b>	<b>\$81,000</b>	<b>\$278,500</b>

## FIRE EQUIPMENT AND VEHICLES

Vehicles and Equipment	2014	2015	2016	2017	2018	Out Years
<b>Funding Source: General Fund</b>						
Replace Amkus Rescue Tools LIST	\$35,000				\$45,000	
Replace Fire Hose	\$12,500	\$12,500	\$15,000	\$15,000	\$17,500	
Replace Pagers	\$7,000			\$10,000		
Replace Personal Protective Equipment	\$23,000	\$23,000	\$28,000	\$28,000	\$30,000	
Replace Thermal Imaging Cameras LIST	\$12,500					
				\$15,000		
Replace Breathing Apparatus		\$200,000				
Replace Engine 1122		\$500,000				
Replace Laptop Computers		\$35,000				
Replace Support Unit 1129		\$25,000				
Replace Breathing Air Compressor			\$40,000			
Replace Rescue Unit 1127			\$175,000			
Replace Support Unit 1128			\$35,000			
Replace Engine 1112				\$600,000		
Replace Staff Cars				\$65,000		
<b>TOTAL FIRE DEPARTMENT</b>	<b>\$90,000</b>	<b>\$795,500</b>	<b>\$293,000</b>	<b>\$733,000</b>	<b>\$92,500</b>	

**WATER POLLUTION CONTROL PLANTS EQUIPMENT AND VEHICLES**

<b>Vehicles and Equipment</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Out Years</b>
<b>Funding Source: Wastewater Fund</b>						
1998 Chevrolet Astro Van Replacement		\$23,000				
Replace West Plant Control Building HVAC		\$6,500				
Install Variable Drives		\$5,000				
Headworks Low Temp Alarm		\$5,000				
Front End Loader for John Deere 4455		\$5,500				
2010 John Deere 997 ZTRAK Lawn Mower West Plant		\$15,000				
2010 John Deere 997 ZTRAK Lawn Mower East Plant		\$15,000				
2006 Ford F-250 Pickup Replacement		\$25,000				
Replacement UV Lamps		\$60,000		\$60,000		
2006 Ford F-250 Pickup Replacement			\$27,000			
2008 Ford F-250 Pickup Replacement				\$28,000		
2006 John Deere Flex Wing Brush Hog						\$14,000.00
2009 Bobcat 220 UTV Replacement East Plant						\$12,000.00
2009 Bobcat 220 UTV Replacement West Plant						\$12,000.00
1998 John Deere 855 Tractor Replacement West Plant						
1998 John Deere 855 Tractor Replacement East Plant						
1994 John Deere 4455 Tractor Replacement						
1982 Ford Tractor Replacement						
<b>TOTAL WASTEWATER PLANTS</b>	<b>\$0</b>	<b>\$160,000</b>	<b>\$27,000</b>	<b>\$88,000</b>	<b>\$0</b>	<b>\$38,000</b>

**WATER POLLUTION CONTROL COLLECTIONS EQUIPMENT AND VEHICLES**

<b>Vehicles and Equipment</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Out Years</b>
<b>Funding Source: Wastewater Fund</b>						
1997 Front Wheeled Coach 450 Camera Vehicle			\$25,000			
2007 Sewer Camera			\$60,000			
2008 Ford F-250 Pickup Replacement				\$25,000		
1996 F-450 1 ton Dump/plow					\$35,000	
2011 Sewer Jet Truck						\$200,000.00
2008 F-150 Pickup Replacement #758						\$20,000.00
2008 F-150 Pickup Replacement #756						\$20,000.00
2007 Jet n Vac 1000 Trailer Unit						\$65,000.00
1998 Jetaway Trailer/SECA Easement						\$30,000.00
<b>TOTAL WASTEWATER COLLECTIONS</b>	<b>\$0</b>	<b>\$0</b>	<b>\$85,000</b>	<b>\$25,000</b>	<b>\$35,000</b>	<b>\$335,000</b>