



CITY OF FERGUSON MISSOURI

FIVE YEAR CAPITAL IMPROVEMENT PROGRAM

**FISCAL YEARS
2016 – 2017 THROUGH 2021 – 2022**

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CITY OF FERGUSON

MISSOURI 63135

October 31, 2016

Honorable Mayor Knowles and Members of the City Council
City of Ferguson, Missouri

Transmitted herein is the proposed five-year Capital Improvement Program (CIP) for Fiscal 2017-2022, for the City of Ferguson in accordance with Section 6.4 of the Ferguson City Charter.

The City's Capital Improvement Program establishes a list of capital improvements which are proposed to be completed over the next five fiscal years. The document includes cost estimates, method of financing, and a recommended implementation schedule for each item. Department Heads are asked to submit capital improvement requests annually in September to the City Manager and Director of Finance for inclusion in the CIP. The City Council also has the opportunity to propose capital improvement items at established meetings throughout the year including the fiscal year budget work sessions and the CIP work session held in October of each year. This document acts as the "rough draft" of the CIP, until it is officially adopted along with the FY 2017-2018 Budget in June 2017.

Through our numerous financial discussions in recent years, the City Council has worked with City staff to present lean capital improvements budgets that go hand-in-hand with extremely lean operating budgets. Because we have a limited amount of funding from capital improvement sales taxes, we must approach capital spending prudently and in line with our established goals and true needs. As shown in this document, the City has attempted to address the goals and needs of the organization and community with the revenues allocated for these expenditures, while maintaining a healthy fund balance for emergency needs that may occur. Therefore, this year's CIP represents an extremely responsible plan for the next five years, while allowing for some flexibility for additional priorities to be included in future budgets, if necessary.

We would like to extend our thanks to the entire City Council and staff for their many hours of project review necessary for the production of this document.

Respectfully submitted,

De'Carlon E. Seewood
City Manager

Jeffrey Blume
Director of Finance

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INTRODUCTION

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CAPITAL IMPROVEMENT PROGRAM PURPOSE AND DEFINITION

The Capital Improvement Program (CIP) is one of three principle financial tools used to plan, measure, conduct, and evaluate the financial affairs of the City of Ferguson, Missouri (the City). The others are the annual budget and the comprehensive annual financial report.

The CIP is a five-year planning instrument which identifies needed capital projects. These in turn allow the City to plan and evaluate its financial demands and resources. Projects planned for start or completion in the first year must be incorporated into the fiscal year 2017-2018 annual budget appropriations which must be approved not later than June 30, 2017. Projects scheduled for subsequent years should be approved on a planning basis and do not receive expenditure authority until incorporated into an annual budget. Council adoption of the CIP represents a serious but non-binding assertion of intent.

The CIP applies discipline to the planning of capital projects by permitting Council and staff to consider the capital asset needs of the City on a long-range basis. A comprehensive review of all proposed projects weighed against available funding sources should produce optimal use of public funds, by allowing Council, representing the public, to evaluate and choose between various infrastructure and facilities projects.

A well developed CIP should avoid financial crises created by emergency projects which "come from nowhere." In addition, the CIP can help businesses and private citizens predict their future tax responsibilities as well as availability of public facilities - particularly important because of the impact on development and business decisions.

Although the CIP implies some continuity through changes in Council or administrative leadership, it is not meant to be static. Changing priorities of the community, emergencies which may arise, and changing cost estimates are some of the many factors which may modify the CIP plan. Each year the CIP must plan one more year into the future, and previously listed projects must be updated and reconsidered in light of changing needs and circumstances.

In effect, the CIP becomes the first step in the annual budget process. It begins with a comprehensive assessment of the current year's capital spending projects. This step permits staff to determine which projects, if any, will not be completed on schedule in the current fiscal year. These will require funding in the subsequent fiscal year(s).

The next step in the CIP process is to challenge existing capital projects proposed in the previous year's CIP. This step challenges staff to determine if changes in facts and circumstances warrant any change in the need, timing, scope or cost of these projects.

The final step in the CIP process is to evaluate the City's capital spending needs five (5) years out. While not exclusive, for purposes of most capital project planning, this is the City's planning horizon.

CAPITAL PROJECT CLASSIFICATION CRITERIA

The classification of items as capital or operating expenditures is based on two criteria - cost and asset life. The City typically defines a capital project as any project or item with a life of five years or more and a cost of over \$5,000. Major construction projects, including asphaltic overlay of streets, are considered capital expenditures. Most major equipment purchases also meet the criteria for capital expenditures.

The supporting detail section of this document consists of capital project request forms submitted by City departments. Each page contains a narrative explanation of the nature of the proposed project

and indicates whether it is to replace existing facilities or equipment, or is an addition involving an increase in service delivery. Each request also states the justification for the project - the need for the project and what it is expected to accomplish - as well as any relationship to other existing or planned facilities and services, and any alternatives to be considered.

This prioritization task is the next step in the CIP process. In the last several years, in part, as a result of diminishing revenues and in part as a result of a greater commitment to debt service, availability of resources for asset purchases has been diminished. While debt service pressure is beginning to diminish and recurring revenues are beginning to increase, this step continues to be rigorously applied.

A project's desirability depends not only on what it is, but how it is done, where it is located, its cost and the availability of funds and a number of other factors. Projects which might be rated low priority may be funded, if outside funds are available.

CAPITAL EXPENDITURES

As the City ages, public facilities - roads, bridges, buildings, water and sewer lines - and equipment increasingly need major repair, replacement, or expansion and changing community needs may require new facilities. CIP funding, for individual projects or as a whole, is dependent on many factors.

Currently, the City has annual revenues of about \$1.2 million available for capital expenditures in its Capital Improvements Sales Tax Fund and about \$200,000 in its Parks Fund. During the five fiscal years ended June 30, 2015, the City will have expended about \$25,000,000 on various capital projects. Much of this spending has been financed by the issue of general obligation and certificates of participation bonds and from government or agency grants. Going forward, the City expects to return to more modest spending patterns.

While excess operating revenues are currently not available in the City's General Fund, as a matter of policy, excess operating revenues may be used to fund capital expenditures. However, as a matter of law, capital funding designated revenues may not be used to fund operating expenditures.

CAPITAL FUNDING OPTIONS

Capital Improvements Sales Tax – The 1/2 % or 1/2 cent Capital Improvements Sales Tax approved by voters in 1994 is the City's primary capital expenditure funding revenue source. From the inception of this tax through June 30, 2016, the City had been a point-of-sale city. As a point-of-sale city, the City is required to share 15% of these revenues with other St. Louis County municipalities. Effective July 1, 2016, the City began receiving capital improvement sales taxes from the Saint Louis County Collector's office using the "pool" method. Under this method, all municipalities in the "pool" and 15% of the "point-of-sale" cities are collected by Saint Louis County and distributed to the "pool" municipalities on a per-capita basis.

On an ongoing basis, these revenues are the City's, recurring, primary capital expenditure funding source. According to Missouri State Statute, these funds may only be used for streets, water mains, storm sewers, bridges, park improvements, buildings, and major equipment, for maintenance of those improvements, and for debt service on a bond issue used to construct public improvements.

Economic Development Sales Tax – In April 2016, the voters of Ferguson, Missouri approved an initiative authorizing the collection of a 1/2 cent Economic Development Sales Tax. Collection of these funds by the state began October 1, 2016. The City expects to begin receiving these funds in December 2016.

These funds are available for a multitude of purposes as defined by state statute. These taxes will be segregated into a separate fund. Total annual collections are anticipated to be about \$1.2 million with one-third of this amount available for additional or current capital projects.

Parks and Stormwater Control Sales Tax – State law allows cities, with voter approval, to levy a 1/2% sales tax for parks and stormwater control. The citizens of Ferguson approved this tax increase in 2004. This tax is not subject to sharing. These funds may be used for any parks or stormwater control operating or capital expenditure project, including debt service expenditures on a bond issue used for parks and/or stormwater facilities. It is the policy of the City that these revenues be used to retire the Splash at Wabash [Certificates of Participation or COPS Series 2012] debt.

Tax Increment Financing – In the past, the City has made prudent use of Tax Increment Financing (TIF). TIF funds have been used to fund construction of Firehouse Number 2, and storm drainage and road improvements in the West Florissant/Pershall and the East Woodstock areas. The City's largest TIF project to date, the Crossings at Halls Ferry redevelopment project, begun in 1995, resulted in significant improvement to the Halls Ferry/I-270 area. Debt related to this financing was retired in Fiscal Year 2016.

The Downtown TIF District, begun in 2002, is designed to provide a funding source which may be used to assist local businesses to make improvements as well as to encourage redevelopment of the downtown area. TIF financing allows the City to capture the incremental increases in property taxes and economic activity taxes in the redevelopment area to pay for necessary improvements without increasing general obligation debt or general property taxes. However, use of TIF financing requires a well defined redevelopment project area and cannot be used for all projects.

General Obligation Debt – The City is permitted by state statutes to incur general obligation bonded indebtedness up to 10% (20% for road projects) of total assessed value with either 4/7 or 2/3 voter approval. As of June 30, 2015, the City's a legal debt margin was estimated to be approximately \$17.6 million.

On April 5, 2011, the City's voters authorized sale of up to \$11 million in general obligation bonds. Subsequent to ballot registration, but prior to election date, this amount was restricted to \$8 million by City Council Resolution.

In September 2011, the City sold \$8 million in general obligation bonds. Among other things, currently, this action results in a reduction of the legal debt margin to approximately \$11.6 million.

Special Assessments – Article X of Ferguson's Charter authorizes Council to declare the necessity of public improvements and assess the abutting property owners for the cost of such improvements. Current policy is to assess at the rate of \$20 per front foot for street improvements. This policy was established many years ago and is reviewed each time the City considers a street construction project. However, no such assessments have been made in over 10 years.

Leasing – From time-to-time, the City utilizes lease financing to make significant equipment purchases. While there is no new source of revenue for lease payments, leasing is an option for financing the purchase of property which might constitute too great an expenditure to be financed in a single year from current revenues. For statutory reporting purposes, leasing allows the cost of the asset to be funded over the term of the lease.

In a leasing arrangement, the lender's primary collateral is the asset. In addition, in most cases, the City promises to appropriate funds in its annual budget to meet each lease obligation's payment needs until such obligation is extinguished. Typically, failure to appropriate constitutes an event of default resulting in repossession of the asset.

In the fiscal year ended June 30, 2009, the City used this financing technique to acquire two fire trucks and lighting equipment. In the fiscal year ended June 30, 2015, the City used this technique to make building energy related and exterior lighting improvements. The City anticipates using the technique to purchase fire equipment in Fiscal Year 2020 – 2021.

CAPITAL IMPROVEMENTS PROGRAM RECOMMENDATIONS

Capital projects recommended by staff for fiscal years 2016 – 2017 through 2021 – 2022 are summarized on pages 7 and 8. The following table summarizes projected selected revenues and expenditures and fund balances of both the Capital Improvements Sales Tax Fund and the Parks Fund over the current and succeeding five years.

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CITY OF FERGUSON, MISSOURI
CAPITAL IMPROVEMENTS PROGRAM
PROFORMA STATEMENTS OF FUND BALANCE AND
REVENUES AND EXPENDITURES AND CHANGES IN FUND

NOTE	(Note: All amounts in thousands)					
	FISCAL YEAR					
	2017	2018	2019	2020	2021	2022
CAPITAL IMPROVEMENTS SALES TAX FUND						
REVENUES						
Sales Taxes	\$ 1,736	\$ 1,753	\$ 1,771	\$ 1,789	\$ 1,807	\$ 1,825
Grants	749	3,296	120	120	120	120
Transfer In - Parks	9	26	156	14	175	75
Debt Proceeds					900	
Available funds	2,494	5,075	2,047	1,923	3,003	2,021
CAPITAL EXPENDITURES & DEBT SERVICE						
Assets	2,180	5,065	1,218	1,851	1,337	905
Debt Service	734	659	587	584	339	181
	2,914	5,724	1,805	2,435	1,676	1,086
NET CHANGE IN FUND BALANCE	(420)	(650)	242	(512)	1,327	935
FUND BALANCE						
Beginning of fiscal year	1	2,770	2,350	1,701	1,943	1,431
End of fiscal year		\$ 2,350	\$ 1,701	\$ 1,943	\$ 1,431	\$ 2,758
						\$ 3,692
PARKS FUND						
REVENUES						
Net Operating Revenues	2	\$ 897	\$ 896	\$ 895	\$ 894	\$ 893
Grants		280	485	-	203	-
Insurance Proceeds		45				
Net Transfers Out		(639)	(645)	(651)	(658)	(665)
Available funds		583	736	244	439	228
						219
CAPITAL EXPENDITURES & DEBT SERVICE						
Assets		390	627	94	281	121
Debt Service - Splash		238	238	225	221	227
		628	865	319	502	348
NET CHANGE IN FUND BALANCE	(45)	(129)	(75)	(63)	(120)	(74)
FUND BALANCE						
Beginning of fiscal year	1	690	645	516	441	378
End of fiscal year		\$ 645	\$ 516	\$ 441	\$ 378	\$ 258
						\$ 184
NOTES						
1	Proforma beginning fund balance at July 1, 2016 is from the unaudited financial statements for the fiscal year ended June 30, 2015					
2	Net Operating Revenues - Operating revenues less operating expenses and general fund					

A number of factors or items in this table bear explanation. The needs of the City to continue to invest in assets and infrastructure are great. This is due to many factors. Among them are the age of its assets and infrastructure and consumption of assets in the rendering of service. At the same time, the weakened, slowly recovering economy limits available funds.

With respect to Capital Improvements Sales Tax, because of the change in method of collection and because of the limited number payments received under this method, the City is unable to estimate current or future receipts with any significant degree of precision.

With respect to the Economic Development Sales Tax, As of the date of transmittal of this report to Mayor and Council, the City has not received any collections of this tax. In addition, the City has not yet undertaken the study of existing costs for which this tax is a funding source. Nor has the City put in place the controls and process for collection and reporting of these costs.

In Fiscal Year 2008 – 2009, in response to diminishing revenues and the possibility of exhausting Capital Improvements Sales Tax Fund reserves, staff undertook an intensive and thorough review of all capital projects proposed at that time as well as methodologies for their evaluation. As a result of this exercise, some capital acquisitions were deferred, some were scaled back, while other, non-essential items were eliminated. This review element has become institutionalized and is now an integral part of the City's annual CIP review process.

MODIFICATION OF THE CAPITAL IMPROVEMENT PLAN

Adoption of the CIP is a statement of policy regarding the City's approach to meeting future capital acquisition and funding needs. Although it is a statement of serious intent, adoption does not constitute a commitment to finance or appropriate funds for approved projects. Actual budget commitments will be made when the annual budget is approved.

Some of the estimates contained in this document may require further study, analysis and refinement. These tasks may not be feasible unless and until the project concept is tentatively approved by Council.

The Capital Improvements Program is not static. Facts, circumstances and priorities will change, emergencies may arise, and professional advice may change the City's approach to some projects. The annual review and update of the CIP should adjust for such modifications both currently and in future years.

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CITY OF FERGUSON, MISSOURI								
SCHEDULE OF CAPITAL IMPROVEMENT PROJECTS AND DEBT SERVICE								
BY FUND, DEPARTMENT, TYPE AND ACCOUNT								
FISCAL YEARS 2016 - 2017 THROUGH 2021 - 2022								
PROJECT TITLE	PAGE REFERENCE (CIP)	FISCAL YEAR			FISCAL YEAR			
		BUDGET	FORECAST	2016 - 2017	2017 - 2018	2018 - 2019	2019 - 2020	2020 - 2021
DISTRIBUTION OF CAPITAL IMPROVEMENT PROJECTS BY FUND AND DEPARTMENT								
PARKS FUND								
PARKS FACILITIES								
Band Shell Renovation	CIP - 1	\$ -		\$ 86,000	\$ -	\$ -		\$ -
Pool Ultraviolet System	CIP - 2				80,000			
Fitness Station Course - Comm Ctr		102,000	107,000					
Parking Lot - Lower Hudson Park	CIP - 3						76,000	
Skyline Style Pavilion - January Wabash	CIP - 4					214,000		
Replace Fountain at Victorian Plaza	CIP - 5			30,000				
Replace Deck at Whistle Stop		35,000	49,000					
Gymnasium		120,000	129,000					
Outdoor Loop Trail Lighting		67,000	54,000					
Outdoor Sign		6,200	9,200					
Southeast Ferguson Park	CIP - 6			225,000				
Community Center Art Gallery Conference Room	CIP - 7			25,000				
Forestwood Challenge Course	CIP - 8			200,000				
Patio Shade Community Center	CIP - 50		9,200					
PARKS VEHICLES								
Log Splitter #62	CIP - 9						15,000	
Pick-up Trucks, Park Maintenance. (# 71)	CIP - 10			35,000				
Mower Deck for Tractor (# 78)	CIP - 11					42,000		
Pick-up Truck, Park Maintenance (# 70)		35,000	33,000					
Pick-up Truck, Concessions (#60)	CIP - 12					25,000		
Tractors # 79	CIP - 13						75,000	
Exmark Mower # 55	CIP - 14				14,000			
Exmark Mower # 56	CIP - 15			13,000				
Exmark Mower # 57	CIP - 16			13,000				
Stump Grinder # 61	CIP - 17					30,000		
Parks Fund Total		365,200	390,400	627,000	94,000	281,000	121,000	75,000
CAPITAL IMPROVEMENTS SALES TAX FUND								
POLICE								
Police Cars	CIP - 18	180,000	181,000	93,000	94,000	95,000	96,000	97,000
Dash Cams	CIP - 19	-		50,000	4,000	54,000	51,000	
Replace Laptops in Vehicles	CIP - 20	25,000	25,000	25,000	25,000	25,000	25,000	
Surveillance Cameras	CIP - 21	-		12,000	25,000	25,000	50,000	
Taser International	CIP - 22	-		7,000	14,000	51,000	7,000	
Police Total		205,000	206,000	187,000	162,000	250,000	229,000	97,000
FIRE DEPARTMENT								
Self Contained Breathing Apparatus	CIP - 23	80,000		45,000				
Fire Truck - Pumper			350,000					
Fire Truck - Ladder	CIP - 24					900,000		
Fire Department Total		80,000	350,000	45,000	-	900,000	-	-
INFRASTRUCTURE (STREETS, SIDEWALKS & PARKING LOTS)								
Street Replacement	CIP - 25, 26	620,300	620,300	620,300	620,300	620,300	620,300	620,300
Sidewalks	CIP - 27	5,000		5,000	5,000	5,000	5,000	5,000
Forestwood Dr Reconstruction Phs II (STP; Grant 80%)			754,000					
Carson Rd, Dade Br, Ferguson Ave & Church St (STP; 80%)	CIP - 28	10,000	32,300	976,000				
Hightmont (STP; Grant 80%)	CIP - 29	160,500		1,605,000				
January, Brotherton & Powell (STP; Grant 80%)	CIP - 30	253,000		1,388,000				
Speed Table	CIP - 31			15,000				
Infrastructure (Streets, Sidewalks & Parking Lots) Total		1,048,800	1,406,600	4,609,300	625,300	625,300	625,300	620,300
COMMON FLEET								
Dump Truck, 1 ton w/plow & spreader (# 2)	CIP - 32				60,000			
Dump Truck, 1 3/4-ton w/plow & spreader (# 77)	CIP - 33			65,000				
Street Sweeper (# 22)	CIP - 34				200,000			
Pick-Up Truck - 1/2 Ton (Sign Truck) (#19)	CIP - 35				40,000			
Dump Truck, 5 ton - snow plow truck (# 10)	CIP - 36						175,000	
Trailblazer (# 1)		35,000	22,000					
Pick-up Truck 1/2 Ton (Unit # 8)	CIP - 37					35,000		
Pick-up Truck 3/4 Ton (Unit # 9)	CIP - 38						38,000	
Dump Truck, 1 3/4-ton w/plow & spreader (# 74)	CIP - 39				70,000			
2 1/2 Ton Dump Truck w/ plow (#4)	CIP - 40						150,000	
Asphalt Roller (#15)	CIP - 41				19,250			
Street Sweeper (25)	CIP - 42						225,000	
Unit # 72, Maint. Van (#72)	CIP - 43							38,000
Common Fleet Total		35,000	22,000	65,000	389,250	35,000	438,000	188,000

CITY OF FERGUSON, MISSOURI									
SCHEDULE OF CAPITAL IMPROVEMENT PROJECTS AND DEBT SERVICE									
BY FUND, DEPARTMENT, TYPE AND ACCOUNT									
FISCAL YEARS 2016 - 2017 THROUGH 2021 - 2022									
PROJECT TITLE	PAGE REFERENCE (CIP)	FISCAL YEAR		FISCAL YEAR					
		2016 - 2017	BUDGET	FORECAST	2017 - 2018	2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022
DISTRIBUTION OF CAPITAL IMPROVEMENT PROJECTS BY FUND AND DEPARTMENT									
FACILITIES									
City Hall Roof Repair		80,000	80,000						
Generator for the Garage		40,000	40,000						
New Overhead Doors at Municipal Garage	CIP - 44	11,500	11,600	16,500					
Spreader Stands at Municipal Garage		21,600	21,600						
2 Post Garage Vehicle Lift		8,500	8,500						
4 Post Garage Vehicle Lift		18,000	18,000						
Covered Storage at Garage	CIP - 45			10,000					
Replace Garage Gate	CIP - 46			10,500					
Facilities Total		179,600	179,700	37,000	-	-	-	-	
NON-DEPARTMENTAL									
IT Infrastructure	CIP - 47	51,000		50,000	41,000	41,000	45,000		
Document Management System	CIP - 48	20,000	11,000	22,000					
Public Works - Software Replacement	CIP - 49	50,000		50,000					
Mueller Dade Well Water		5,000	5,000						
Non-Departmental Total		126,000	16,000	122,000	41,000	41,000	45,000	-	
DEBT SERVICE									
Capital Improvement Bond (to FY2021)		\$ 498,000	\$ 498,000	\$ 495,700	\$ 497,900	\$ 494,300	\$ 250,000		
Fire Trucks Lease Payments (to FY2017, 2020-2029)		147,000	147,000	73,400					
Fire Truck Lease Payments (to FY2031)								91,700	
US Bancorp/CTS: Energy Project Capital Lease (to 2030)		89,300	89,300	89,400	89,400	89,300	89,300	89,400	
General Obligation Bond (to FY2033)		525,900	525,900	523,800	526,600	524,200	525,800	527,100	
COPs Series 2012: Splash at Wabash (to FY2022)		237,800	237,800	224,800	221,400	227,400	222,900	217,700	
COPs Series 2013: PD Bldg. & Com Center (to FY2035)		601,500	601,500	598,800	601,000	603,000	599,800	600,400	
Debt Service Total		2,099,500	2,099,500	2,005,900	1,936,300	1,938,200	1,687,800	1,526,300	
TOTAL CITY-WIDE, CAPITAL IMPROVEMENT PROGRAM EXPENDITURE		\$ 4,139,100	\$ 4,670,200	\$ 7,698,200	\$ 3,247,850	\$ 4,070,500	\$ 3,146,100	\$ 2,506,600	
SUMMARY OF CAPITAL IMPROVEMENT PROJECTS BY FUND, TYPE AND ACCOUNT									
FUND									
Parks		\$ 365,200	\$ 390,400	\$ 627,000	\$ 94,000	\$ 281,000	\$ 121,000	\$ 75,000	
Certificates of Participation		839,300	839,300	823,600	822,400	830,400	822,700	818,100	
Capital Improvements Sales Tax		2,408,700	2,914,600	5,723,800	1,804,850	2,434,900	1,676,600	1,086,400	
General Obligation Bond		525,900	525,900	523,800	526,600	524,200	525,800	527,100	
TOTAL CITY-WIDE, CAPITAL IMPROVEMENT PROGRAM EXPENDITURE		\$ 4,139,100	\$ 4,670,200	\$ 7,698,200	\$ 3,247,850	\$ 4,070,500	\$ 3,146,100	\$ 2,506,600	
Parks Fund	Buildings & Grounds	\$ 330,200	\$ 357,400	\$ 566,000	\$ 80,000	\$ 214,000	\$ 76,000	\$ -	
Parks Fund	Equipment	-	-	-	-	-	15,000	-	
Parks Fund	Vehicles	35,000	33,000	61,000	14,000	67,000	30,000	75,000	
COPs Fund	Debt Service	839,300	839,300	823,600	822,400	830,400	822,700	818,100	
CIST Fund	Buildings & Grounds	-	-	20,500	-	-	-	-	
CIST Fund	Equipment	335,600	204,700	205,500	109,000	196,000	178,000	-	
CIST Fund	Capital Projects	75,000	16,000	72,000	-	-	-	-	
CIST Fund	Street & Sidewalk	1,048,800	1,406,600	4,609,300	625,300	625,300	625,300	620,300	
CIST Fund	Vehicles	215,000	553,000	158,000	483,250	1,030,000	534,000	285,000	
CIST Fund	Debt Service & Lease Payments	734,300	734,300	658,500	587,300	583,600	339,300	181,100	
GO Bond	Debt Service	525,900	525,900	523,800	526,600	524,200	525,800	527,100	
TOTAL CITY-WIDE, CAPITAL IMPROVEMENT PROGRAM EXPENDITURE		\$ 4,139,100	\$ 4,670,200	\$ 7,698,200	\$ 3,247,850	\$ 4,070,500	\$ 3,146,100	\$ 2,506,600	

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**CAPITAL IMPROVEMENTS
PROGRAM REQUEST FORMS**

CITY OF FERGUSON, MISSOURI
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
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FISCAL YEARS 2016 - 2017 THROUGH 2021 - 2022

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CIP - 3	Parking Lot - Lower Hudson Park
CIP - 4	Skyline Style Pavilion - January Wabash
CIP - 5	Replace Fountain at Victorian Plaza
CIP - 6	Southeast Ferguson Park
CIP - 7	Community Center Art Gallery Conference Room
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CITY OF FERGUSON, MISSOURI
CAPITAL IMPROVEMENT PROJECT REQUEST FORM
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CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PARKS FACILITIES**

PROJECT **JANUARY-WABASH BAND SHELL RENOVATION**

Description:

The Band Shell is in need of repairs and will be renovated to continue to serve as a vital part of the facility. The renovation will improve the band shell and the surrounding area creating a more inviting venue for entertainment and events. This project would include renovating the band shell and landscaping.



Existing Condition:

The band shell is showing signs of deterioration. It does not provide complete coverage from weather conditions, lighting needs a new system, masonry in need of tuck pointing, roof needs to be replaced, and the appearance is not inviting.

Justification, Goals & Impacts:

- Create an additional event and entertainment venue in the City of Ferguson.
- Improve the band shell and surrounding area to be more useful and inviting.
- Improve the band shell structurally.
- Serve as a vital part of the park facility.

Funding Schedule:

Total	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
\$86,000				86,000		

Funding Source: Available Funds

This project would be funded from the Parks Fund with an anticipated offsetting grant of \$81,700 from the Municipal Parks Commission.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PARKS FACILITIES**

PROJECT **POOL ULTRAVIOLET SYSTEM**

Description:

Project includes adding on an Ultraviolet Unit for each of the three pools. The system would attach to the inlet water flow pipes in the pool basement. The unit creates wavelengths for destroying micro-organisms when the water passes through the unit.



Existing Condition:

We have no Ultraviolet Units at the pool. They are not currently required by the Health Department.

Justification, Goals & Impacts:

- Destroys micro-organisms immediately, including crypto, giardia, bacteria, etc.
- UV rays penetrate to the heart of the DNA and disturb the metabolism of cells until they are totally destroyed.

Funding Schedule:

Total	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
\$80,000					80,000	

Funding Source: Available Funds

This project would be funded from the Parks Fund.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PARK FACILITIES**

PROJECT **LOWER PARKING LOT - HUDSON PARK**

Description:

The addition of a lower parking lot to Hudson Park near the entrance to the loop trail and the lower pavilion. This lot would provide accessible access to the lower pavilion in the park and would serve as additional parking for those wishing to utilize the loop trail.



Existing Condition:

Currently the upper parking lot serves the upper pavilion area and trail with no parking near the lower pavilion.

Justification, Goals & Impacts:

- Additional parking for use of the new loop trail in the park.
- Increased accessibility to the lower pavilion.
- Increase rental of the lower pavilion.
- Ideal parking for use of Frisbee Disc Golf Course.

Funding Schedule:

Total	2016-17	2017-18	2018-19	2019-20	2020-21	2021-2022
\$76,000					76,000	

Funding Source: Available Funds

This project would be funded from the Parks Fund.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PARKS FACILITY**

PROJECT **SKYLINE STYLE PAVILION – January Wabash**

Description:

A larger 2,250 square foot pavilion will enhance opportunities for residents to use the park and provide a space for larger gatherings. There is ample space for the 75 foot by 30 foot pavilion to serve 100 -150 people.



Existing Condition:

There is not space for larger gatherings to be held in the park.

Justification, Goals & Impacts:

- Provide a space for larger gatherings.
- Space for the 75 foot by 30 foot pavilion to serve 100 -150 people.
- Pavilion will enhance opportunities for resident use.
- Recommended in the Master Plan.

Funding Schedule:

Total	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
\$214,000						214,000

Funding Source: Available Funds

This project will be funded from the Parks Fund with an anticipated offsetting grant of \$203,300 from the Municipal Parks Commission Grant.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC WORKS: PARKS DIVISION**

PROJECT **RENOVATE FOUNTAIN AT VICTORIAN PLAZA**

Description:

The fountain at Victorian Plaza and the base for the Christmas Tree.



Existing Condition:

The brick around the fountain is crumbling and falling apart. The fountain itself has stopped working. Due to safety concerns, this may be the last year it can be left in this condition.

Justification, Goals & Impacts:

- The fountain is the cornerstone of Victorian Plaza.
- Due to the fountain not working, water collects, drawing mosquitos.
- Used for the base for the Christmas Tree for the Northern Lights celebration.

Funding Schedule:

Total	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
\$ 16,500			16,500			

Funding Source: Available Funds

This project will be funded from the Parks Fund.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **Parks and Recreation**

PROJECT **Southeast Ferguson Park**

Description: Spring Valley Park is small and outmoded. It needs to be replaced with a modern and full featured park that better suits the age group of the children and young people it would serve. Parks staff and local non-profits will work together to plan, fundraise and build this new amenity.

Existing Condition: Spring Valley Park is one half acre, has minimal equipment which is old and in need of replacement. It has dangerous sightlines from the street. It's hard for parents to properly supervise their children because of the slope of the land. This park is also placed in the block face in such a manner that it is hard to find.



Justification, Goals & Impacts:

- Engage SE Ferguson neighborhoods to see what they want in a park.
- Locate the park in an area that is accessible to the residents.
- Engage in fundraising and solicit grants to offset costs (\$50,000 from each to total \$100,000). An additional \$55,000 will be set aside from 2017 Park CIP funds.
- Improvements may include a play structure, basketball court and picnic area.

Funding Schedule:

Total	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
\$ 155,000		\$155,000				

Funding Source: Grants, donations and Park CIP funds

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **Parks and Recreation**

PROJECT **Community Center Art Gallery Conference Room**

Description:

The Community Center was designed to accommodate an art gallery near the gymnasium. The art that is displayed is great but the space is underutilized. We need more meeting/rental space. Staff would like to install a glass wall and door system to maintain the viewing of the art and the outdoors beyond it but also capture another rental space for meetings. We would purchase a multifunction conference room table and chairs for the space as well. This room should generate an additional \$xx,xxx of revenue per year.



Existing Condition: Art Gallery

Justification, Goals & Impacts:

- Need of additional rental space for meetings
- Art gallery is underused
- Revenue generated helps to offset costs of the community center

Funding Schedule:

Total	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
\$ 25,000	0	25,000				

Funding Source: Available funds and forecasted revenues

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **Parks and Recreation**

PROJECT **Forestwood Challenge Course**

Description: The existing Forestwood outdoor workout equipment is outdated and in need of replacement. The old gear is geared toward adults wanting to do simple workouts like sit ups or pull ups. The Challenge Course appeals to youth, teens, and adults as you use the equipment to supplement your cardio workout or challenge friends and family to get the best time through the course.



Existing Condition: The Sports Complex at Forestwood Park has great amenities for sports with the ball fields, and an outlet for youth to play with a playground. The existing fitness stations are in poor condition and get very little use. The addition of the challenge course would replace this equipment for current users and will especially appeal to teenagers as they can challenge friends and family to healthy competition while participating in a well-rounded fitness routine. This course will also be of great use to sports leagues and organizations for conditioning of players for the various sports we house at Forestwood like baseball, softball, soccer, football, and more. Additionally the course will be used for programming for the Recreation Department such as timed competition and team events for all ages.

Justification, Goals & Impacts:

- Provide an outlet for play and exercise to youth in our parks.
- Provide additional amenities for sport organizations and programming at our Sports Complex.
- Supplement the existing trail with a fitness element for users.

Funding Schedule:

Total	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
\$ 200,000		\$200,000				

Funding Source: Grants, donations and Park CIP funds

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC WORKS: PARKS DIVISION**

PROJECT **REPLACE UNIT # 62**

Description:

1998 Built-Rite Log Splitter



Existing Condition:

This unit is in fair shape with minor repairs needed.

Justification, Goals & Impacts:

- This unit is used daily from October to February for splitting firewood for residents.
- We will continue to offer this “free to all residents” wood for years to come. If we didn’t split this wood, it would cost us considerably more to rent a tub grinder to dispose of the wood.

Funding Schedule:

Total	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
\$15,000					15,000	

Funding Source: Available Funds

This project would be funded from the Parks Fund.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC WORKS: PARKS DIVISION**

PROJECT **REPLACE UNIT # 71**

Description:

2005 Ford 250 – 1/2 Ton Pick-Up



Existing Condition:

This unit is in fair condition, with normal wear evident.

Justification, Goals & Impacts:

- This vehicle is on a 10 year replacement cycle
- Used to pull trailers for hauling mowers in the summer and general maintenance during all other months.

Funding Schedule:

Total	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
\$35,000			35,000			

Funding Source: Available Funds

This project would be funded from the Parks Fund.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC WORKS: PARKS DIVISION**

PROJECT **REPLACE UNIT # 14 MOWER DECK**

Description:

Mower Deck for 1994 John Deere Tractor



Existing Condition:

This tractor is in excellent shape and should last beyond the replacement cycle. The arm mower attachment was repaired in 2014, but the mower deck needs to be replaced.

Justification, Goals & Impacts:

- This vehicle is on a 15 year replacement cycle.
- This vehicle is used to mow right-of-way ditches and remove hazardous limbs and bushes from the roadways.

Funding Schedule:

Total	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
\$42,000					42,000	

Funding Source:

This project would be funded from the Parks Fund.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **RECREATION: CONCESSIONS**

PROJECT **REPLACE UNIT # 60**

Description:

2007 Chevy Silverado – ½ Ton Pick-Up Truck



Existing Condition:

This vehicle is in good condition and is on a 12 year replacement cycle and should be replaced as scheduled.

Justification, Goals & Impacts:

- This truck is used daily in the summer and is the only vehicle concessions have.

Funding Schedule:

Total	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
\$ 25,000				25,000		

Funding Source: Available Funds

This project will be funded from the Parks Fund.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC WORKS: PARK DIVISION**

PROJECT **REPLACE UNIT # 79**

Description:

1989 John Deere Tractor w/ mower attachment



Existing Condition:

This tractor is in fair shape and has lasted many years beyond its 15 year replacement cycle.

Justification, Goals & Impacts:

- This vehicle is on a 15 year replacement cycle.
- Used in mowing City Parks, City Lots, and right of ways throughout Ferguson.

Funding Schedule:

Total	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
\$ 75,000						75,000

Funding Source:

This project would be funded from the Parks Fund.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC WORKS: PARKS**

PROJECT **REPLACE UNIT # 55**

Description:

2008 Exmark Mower



Existing Condition:

This mower is in its 10th year of service and should be replaced as scheduled.

Justification, Goals & Impacts:

- This mower is used daily from April thru October to cut grass in the parks.

Funding Schedule:

Total	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
\$14,000			14,000			

Funding Source:

This project would be funded from the Parks Fund.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC WORKS: PARKS**

PROJECT **REPLACE UNIT # 56**

Description:

2006 EXMARK MOWER



Existing Condition:

This mower is in its 11th year of service and should be replaced as scheduled.

Justification, Goals & Impacts:

- This mower is used daily from April thru October to cut grass in the parks.

Funding Schedule:

Total	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
\$13,000		\$13,000				

Funding Source: Available Funds

This project would be funded from the Parks Fund.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC WORKS: PARKS**

PROJECT **REPLACE UNIT # 57**

Description:
2006 EXMARK MOWER



Existing Condition:

This mower is in its 11th year of service and should be replaced as scheduled.

Justification, Goals & Impacts:

- This mower is used daily from April thru October to cut grass in the parks.

Funding Schedule:

Total	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
\$ 13,000		\$13,000				

Funding Source:

This project would be funded from the Parks Fund.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC WORKS: PARKS DIVISION**

PROJECT **REPLACE UNIT # 61**

Description:

1992 Vermeer – Stump Grinder



Existing Condition:

This unit is in its 25th year of use and is past its life expectancy. In addition, this unit is not equipped with standard safety attachments. However if proper safety equipment is worn it is safe to use.

Justification, Goals & Impacts:

- This piece of equipment is on a 10 year replacement cycle.
- It is used to rout out stumps from storm damaged, fallen or diseased, and removed trees.

Funding Schedule:

Total	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
\$30,000					30,000	

Funding Source: Available Funds

This project would be funded from the Parks Fund.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC SAFETY: POLICE DIVISION**

PROJECT **MARKED POLICE UNITS**

Description:

This project involves the replacement of three current police units each year. These vehicles are purchased through state bid.



Existing Condition:

The current police units have high mileage and/or are in need of major repairs. Some of these vehicles can be used for other needs within the City such as use by the Code Enforcement Division.

Justification, Goals & Impacts:

- Continued upgrade of police fleet to ensure the safest cars possible for the rigors of police activity.
- Due to the elimination of Crown Victoria's by Ford Motors, existing vehicles will be replaced with Chevrolet Tahoe's.

Funding Schedule:

Total	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
\$420,000	90,000	90,000	60,000	60,000	60,000	60,000

Funding Source: Available Funds

This project would be funded from the Capital Improvement Sales Tax Fund.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **POLICE DEPARTMENT**

PROJECT **BODY AND VEHICLE CAMERAS**

Description:

Expand our existing body and in-car camera system to 60 units. Each officer will have a camera and 13 in-car systems each unit on the road will have a camera



Existing Condition:

The existing cameras are in continuous use which does not allow enough time between shifts for data down loads. This purchase will permit each officer to have a body camera every shift.

Justification, Goals & Impacts:

- This project will increase the safety of the officers and citizens by recording the entire encounter.
- The dash camera will start recording when the emergency lights are activated
- The body camera will auto turn on when the officer pass by the emergency lights
- Officers cannot edit or delete any of the recorded data

Funding Schedule:

Total	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
\$277,000	68,000	50,000	50,000	4,000	54,000	51,000

Funding Source: Available Funds

This project will be funded from the Capital Improvements Sales Tax Fund

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC SAFETY: POLICE DIVISION**

PROJECT **REPLACE LAPTOPS IN VEHICLES**

Description:

Replace vehicle laptops each year.



Existing Condition:

Vehicle laptops will be out of warranty every three years and must be replaced.

Justification, Goals & Impacts:

- Replacement of regularly used laptop equipment on a three-year rotation.

Funding Schedule:

Total	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
\$145,000	20,000	25,000	25,000	25,000	25,000	25,000

Funding Source: Available Funds

This project would be funded from the Capital Improvement Sales Tax Fund.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC SAFETY: POLICE DIVISION**

PROJECT **SURVEILLANCE CAMERAS**

Description:

Expand our existing camera surveillance system to include additional City facilities and parks.

Infrastructure improvements will allow further expansion.



Existing Condition:

The City currently has video surveillance cameras at the Police Department, the Plaza at 501, January-Wabash Park. Cameras are also being installed at Nesbit-Newton park.

Justification, Goals & Impacts:

- This project will increase the City's ability to monitor public areas for vandalism and other crimes and provide additional security for residents and guests.

Funding Schedule:

Total	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
\$210,000	66,000	32,000	12,000	25,000	25,000	50,000

Funding Source: Available Funds

This project would be funded by the Capital Improvement Sales Tax Fund.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **POLICE DEPARTMENT**

PROJECT **TASER**



Description:

Replace existing Taser units, cartridges, and training cartridges. Purchase 45 Tasers to allow for each road officer and SRO to have a Taser while on duty.

Existing Condition:

Some units are in disrepair and over used originally purchased fifteen Tasers five years ago. Fifteen units in use 24 hours and day 7 days a week.

Justification, Goals & Impacts:

- These items will increase officers safety
- Protect citizens and suspect
- Less lethal force

Funding Schedule:

Total	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
\$129,909		51228	6977	13499	51228	6977

Funding Source: Available Funds

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **Public Safety: Fire Department**

PROJECT **Replacement of Self Contained Breathing Apparatus (SCBA)**

Description:

Firefighters use SCBA whenever working in a hazardous environment.



Existing Condition:

Current units were purchased with grant money in 2004 and rebuilt in 2010. All units are showing extreme wear and the costs for repairing the units is significant. We plan on replacing 16 units.

Justification, Goals & Impacts:

- SCBA are needed to provide safe breathing air whenever firefighters are working in a hazardous environment.

Funding Schedule:

Total	2016-17	2017-18	2018-19	2019-20	2020-21	2021-2022
125,000	80,000	45,000				

Funding Source: Available Funds

Capital Sales Tax.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **Public Safety: Fire Department**

PROJECT **Ladder Truck Replacement**

Description:

2000 GPM, 100 foot Fire Department Ladder Truck



Existing Condition:

Current unit was purchased and placed into service in December 2008. This unit will be 12/13 years old when replaced.

Justification, Goals & Impacts:

- Needed to maintain a reliable firefighting fleet.
- Current truck has 58,000 miles and 5,600 engine hours.

Funding Schedule:

Total	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
\$900,000						900,000

Funding Source: Available Funds

This project would be funded from the Capital Improvement Sales Tax Fund.

CITY OF FERGUSON



STREET REPAIR PRIORITY LIST

2017 / 2018

Street	Rating	From	To	Lin. Ft.	Type
Northwinds Est.	3	W. Florissant	1600 Northwinds	1515	Asphalt
Northwinds Est.	3	1600 Northwinds	Inagua	1025	Asphalt
Elkan Ave.	3	S. Florissant	Maurice	400	Asphalt
Wabash Ln.	3	Anabel	Elkin	274	Asphalt
North Hills Lane	2	Brotherton	City Limits	240	Asphalt
Bangert	3	Florissant	Shop-N-Save	395	Asphalt
Epple Place	3	Bangert	Shop-N-Save	200	Asphalt
Winshire Court	3	Georgia	Cul-de-sac	235	Asphalt
Nancy Place	3	Thoroughman	Robert	167	Asphalt
Nancy Place	3	Hereford	Thoroughman	727	Asphalt

THE ABOVE STREETS WERE MOVED BACK FROM 2015/2016

WITH THE CURRENT STREET BUDGET WE CAN AVERAGE 6 TO 7 STREETS PER YEAR

Melcher	2	Larkin	Dead End	402	Asphalt
Briarwood	3	Moonlight	Dead End	813	Asphalt
Robert	3	Florissant	Elizabeth	2,577	Asphalt
Larkin	3	Elizabeth	Dead End	920	Asphalt
Palace Court	3	Larkin	Dead End	617	Asphalt
Joyce Ellen Lane	3	Chambers	Cheri Heights	837	Asphalt
Clearfield	3	Meadowcrest	Forestwood	1,245	Asphalt
Shirley	3	Suburban	Randolph	680	Asphalt
Raymar Place	3	Wesley	Dead-End	157	Asphalt
Anabel	3	Maurice	Wabash	672	Asphalt
Ballman	3	Royal	Laurel	933	Asphalt

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC WORKS**

PROJECT **STREET REPAIR**

Description:

Street repairs are prioritized based on annual ratings. Streets rated 5 or above are generally streets in good condition and at most need in-house maintenance. Those streets rated 4 or below are in need of more extensive repair, which requires the use of a contractor.



Existing Condition:

Streets are rated annually and added to the upcoming street repair list.

Justification, Goals & Impacts:

- The citywide street repair program will address all streets rated 4 or below.
- Our long-term goal is to bring all streets up to a minimum of a 5 or better rating.

Funding Schedule:

Total	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
\$2,648,400	446,900	620,300	320,300	420,300	420,300	420,300

Funding Source: Available Funds

This project would be funded in part by Community Development Block Grants (\$120,300) and the balance from the Capital Improvement Sales Tax Fund.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC WORKS**

PROJECT **SIDEWALK REPLACEMENT**

Description:

This project requires the removal and reconstruction of sidewalk slabs on City owned properties and residential sidewalks including installation of ADA ramps.



Existing Condition:

3 feet & 4 feet – 4 inches

Some concrete slab sidewalks are broken, deteriorated, and un-level. ADA ramps are needed in certain locations.

Justification, Goals & Impacts:

- Ongoing program of replacing sidewalks on City owned properties and residential sidewalks to promote public safety and good appearance.
- Comply with the Americans with Disabilities Act.
- With the use of mud jacking to level slabs this will alleviate the need to replace existing slabs.

Funding Schedule:

Total	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
\$30,000	5,000	5,000	5,000	5,000	5,000	5,000

Funding Source: Available Funds

This project will be funded from the Capital Improvement Sales Tax Fund.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC WORKS**

PROJECT **CARSON ROAD, DADE BRIDGE, FERGUSON AVE. AND CHURCH STREET CONSTRUCTION**

Description:

The project scope will improve Carson Road (Florissant Rd West to city limits), Church Street (Florissant Road East to Elizabeth), Dade Avenue bridge approaches and Ferguson Avenue (Elizabeth to W. Florissant). Improvements may include new curbs, guttering, handicap ramps, stamped concrete crosswalks, ADA sidewalks, resurfacing of traffic lanes, and new decorative street lights.



Existing Condition:

All the included blocks are in poor condition. The sidewalks are not ADA compliant.

Justification, Goals & Impacts:

- This project will have several effects on the community; it will improve road conditions, safety, accessibility, and appearance. ADA sidewalks, improved crosswalks, and improved lighting will make the area safer and more accessible. Due to the opportunity to receive funding through the STP-S Grant, it makes the project much more affordable.

Funding Schedule:

Total	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
\$1,103,000	117,000	10,000	976,000			

Funding Source: Available Funds

This project would be funded from the Capital Improvement Sales Tax Fund and Federal STP-S Grant funds. Grant funds total \$883,000 with City matching funds of approximately \$220,000.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC WORKS**

PROJECT **HIGHMONT DRIVE CONSTRUCTION**

Description:

The project scope will improve Highmont Drive (Forestwood to W. Florissant). Improvements may include new curbs, guttering, handicap ramps, resurfacing of traffic lanes, and ADA sidewalks.



Existing Condition:

This street is in poor condition. The sidewalks are not ADA compliant.

Justification, Goals & Impacts:

- This project will have several effects on the community; it will improve road conditions, safety, accessibility, and appearance. Street resurfacing and ADA sidewalks will make the area safer and more accessible. Due to the opportunity to receive funding through the STP-S Grant, it makes the project much more affordable.

Funding Schedule:

Total	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
\$1,604,795	160,500	160,500				

Funding Source: Available Funds

This project would be funded from the Capital Improvement Sales Tax Fund and Federal STP-S Grant funds. Grant funds total \$1,283,836 with City matching funds of approximately \$320,959.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC WORKS**

PROJECT **JANUARY, BROTHERTON, AND POWELL CONSTRUCTION**

Description:

The project scope will improve January Avenue (Florissant Rd West to city limits), Brotherton Avenue (North Hills Lane West to Hern Avenue), Powell Avenue (Elizabeth to Florissant). Improvements may include new curbs, guttering, handicap ramps, ADA sidewalks, and resurfacing of traffic lanes.



Existing Condition:

All the included blocks are in poor condition. The sidewalks are not ADA compliant.

Justification, Goals & Impacts:

- This project will have several effects on the community; it will improve road conditions, safety, accessibility, and appearance. Street resurfacing and ADA sidewalks will make the area safer and more accessible. Due to the opportunity to receive funding through the STP-S Grant, it makes the project much more affordable.

Funding Schedule:

Total	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
\$1,264,731		253,000				

Funding Source: Available Funds

This project would be funded from the Capital Improvement Sales Tax Fund and Federal STP-S Grant funds. Grant funds total \$1,011,785 with City matching funds of approximately \$252,946.

Project request form not submitted

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC WORKS: STREET DIVISION**

PROJECT **REPLACE UNIT # 2**

Description:

2002 GMC 1 Ton Dump Truck
3500 Heavy Duty Chassis



Existing Condition:

This vehicle is on a 10 year replacement cycle and will need to be replaced as scheduled. This unit is already past its replacement cycle. This vehicle is in fair / poor condition.

Justification, Goals & Impacts:

- This vehicle is used for asphalt and cold patch.
- This truck is used for hauling various materials.

Funding Schedule:

Total	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
\$60,000			60,000			

Funding Source: Available Funds

This project would be funded from the Vehicle Replacement Fund.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC WORKS: STREET DIVISION**

PROJECT **REPLACE UNIT # 77**

Description:

2006 GMC 1 ¾ -Ton Dump Truck with
plow & spreader



Existing Condition:

This vehicle is currently in poor condition.
The bed and frame have extensive rust.
It should be kept on a 10-year replacement cycle and is already a year past it's 10 year
schedule.

Justification, Goals & Impacts:

- This is one of only two 1 ¾ -Ton Dump Trucks.
- It should be kept on a 10 year replacement cycle due to the heavy use of this vehicle.
- It is used to snow plow in the winter and haul in the summer.

Funding Schedule:

Total	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
\$65,000		65,000				

Funding Source:

This project would be funded from the Vehicle Replacement Fund.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC WORKS: STREET DIVISION**

PROJECT **REPLACE UNIT # 22**

Description:

2002 ELGIN – Pelican Street Sweeper



Existing Condition:

This vehicle is beginning to show its age and wear. Repair cost is beginning to climb. This unit should be replaced as recommended.

Justification, Goals & Impacts:

- This vehicle is on a 12 year replacement cycle.
- This vehicle is used on a weekly basis for street sweeping throughout the City
- This vehicle should be replaced on a timely basis to avoid excessive repair cost.

Funding Schedule:

Total	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
\$200,000			200,000			

Funding Source: Available Funds

This project would be funded from the Vehicle Replacement Fund.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC WORKS: STREET DIVISION**

PROJECT **REPLACE UNIT #19**

Description:

2006 Chevrolet ½ Ton Pickup with equipment bar and toolbox.



Existing Condition:

This vehicle is currently in fair shape and should be replaced as scheduled.

Justification, Goals & Impacts:

- This vehicle is on a 10 year replacement schedule.
- This vehicle is primarily used for our sign maintenance and replacement program.

Funding Schedule:

Total	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
\$40,000			40,000			

Funding Source: Available Funds

This project would be funded from the Vehicle Replacement Fund.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC WORKS: STREET DIVISION**

PROJECT **REPLACE UNIT # 10**

Description:

1999 GMC – 5 Ton Dump Truck with Plow and Spreader



Existing Condition:

This vehicle is used for hauling large concrete slabs and heavy loads and has rust throughout the bed. This vehicle is showing normal wear.

Justification, Goals & Impacts:

- This vehicle is on a 10 year replacement cycle.
- Used for hauling logs from tree removal sites, rock, mulch, and asphalt to various construction projects.
- This is the only 5 Ton Dump Truck we have.

Funding Schedule:

Total	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
\$175,000					\$175,000	

Funding Source: Available Funds

This project would be funded from the Vehicle Improvement Fund.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC WORKS: STREET DIVISION**

PROJECT **REPLACE UNIT # 8**

Description:

2009 Chevy Silverado ½ Ton Pick-Up
4 WD Extended Cab



Existing Condition:

This vehicle is in good condition, with normal wear evident.

Justification, Goals & Impacts:

- This vehicle is on a 10 year replacement cycle.

Funding Schedule:

Total	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
\$ 35,000				35,000		

Funding Source: Available Funds

This project will be funded from the Vehicle Replacement Fund.

CITY OF FERGUSON, MISSOURI
CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC WORKS: STREET DIVISION**

PROJECT **REPLACE UNIT # 9**

Description:

2009 Ford F-250 – ¾ - ton Pick-Up with utility bed



Existing Condition:

This vehicle is in fair condition, with normal wear evident.

Justification, Goals & Impacts:

- This vehicle is on a 10 year replacement cycle.
- This vehicle is used for our in-house concrete replacement.

Funding Schedule:

Total	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
\$ 38,000					38,000	

Funding Source: Available Funds

This project will be funded from the Vehicle Replacement Fund.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC WORKS: STREET DIVISION**

PROJECT **REPLACE UNIT # 74**

Description:

2009 GMC C5500 – 1 ¾-ton Dump Truck
with Plow & Spreader



Existing Condition:

This vehicle is currently in fair condition.

Justification, Goals & Impacts:

- It should be kept on a 10 year replacement cycle due to the heavy use of this vehicle.
- This is one of only two 1 ¾ - ton Dump Trucks.
- It is used to snow plow in the winter and haul in the summer.

Funding Schedule:

Total	2016-17	2017-18	2018-19	2019-20	2020-21	2020-21
\$ 70,000			70,000			

Funding Source:

This project will be funded from the Vehicle Replacement Fund.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC WORKS**

PROJECT **REPLACE UNIT # 4**

Description:

2011 International – 2 ½ Ton Dump Truck
w / Plow and Spreader



Existing Condition:

This vehicle is in good shape with only minor rust and wear evident.

Justification, Goals & Impacts:

- This vehicle is on a 10 year replacement cycle.
- Used for salt spreading and snow plowing during the winter and for street maintenance during the summer.

Funding Schedule:

Total	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
150,000						150,000

Funding Source:

This project will be funded from the Vehicle Replacement Fund.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC WORKS**

PROJECT **REPLACE UNIT # 15**

Description:
1995 STONE ROLLER



Existing Condition:
This asphalt roller is no longer operating.

Justification, Goals & Impacts:

- We use this for small in-house asphalt repairs.
- We are currently using a very small walk behind compactor.
- A new roller would make asphalt replacement faster and look a lot more professional.

Funding Schedule:

Total	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
\$ 19,250		\$ 19,250				

Funding Source:

This project will be funded from the Vehicle Replacement Fund.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC WORKS: STREET DIVISION**

PROJECT **REPLACE UNIT # 25**

Description:

2008 Elgin Crosswind J+
Street Sweeper



Existing Condition:

This sweeper is in good condition.

Justification, Goals & Impacts:

- This sweeper is on a 12 year replacement cycle and should be replaced as scheduled.

Funding Schedule:

Total	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
\$ 225,000					225,000	

Funding Source: Available Funds

This project would be funded from the Vehicle Replacement Fund

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC WORKS**

PROJECT **REPLACE UNIT # 72**

Description:

2009 Chevy ¾ Ton Maintenance Van



Existing Condition:

This vehicle is currently in good condition.

Justification, Goals & Impacts:

- This vehicle is on a 12 year replacement cycle
- This vehicle is used as the maintenance vehicle for all City owned properties, buildings, and outdoor street lighting etc.

Funding Schedule:

Total	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
\$ 38,000						38,000

Funding Source:

This project will be funded from the Vehicle Replacement Fund.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC WORKS: GARAGE DIVISION**

PROJECT **INSTALL 17 NEW OVERHEAD DOOR PANELS**

Description:

Replace defective sections in garage doors in the shop, back garage, and wood shop, a total of 17 panels and 4 bottom seals are needed. A total of 13 doors with 7 panels per door are at the Municipal Garage.



Existing Condition:

The overall condition of the garage doors is fair; however a number of panels in select doors are damaged due to weather and constant use. Defective panels should be replaced to ensure proper function.

Justification, Goals & Impacts:

- The Municipal Garage houses all public works vehicles and equipment.
- The Municipal Garage makes repairs and performs maintenance on approximately 150 vehicles and these doors are used numerous times a day.
- Replacement of defective panels will add years of service to each door.

Funding Schedule:

Total	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
\$ 11,500		\$11,500				

Funding Source: Available Funds

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC WORKS: GARAGE DIVISION**

PROJECT **COVERED STORAGE AT THE GARAGE**

Description:

Structure to provide coverage for equipment and vehicles at the Garage.



Existing Condition:

Non existant.

Justification, Goals & Impacts:

- We need overhead coverage for mowers and plow trucks in their off season.
- Leaving them out in the weather shortens the life of the equipment / vehicles.

Funding Schedule:

Total	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
\$ 10,000		\$ 10,000				

Funding Source:

This project will be funded from the Capital Improvement Sales Tax Fund.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC WORKS: GARAGE DIVISION**

PROJECT **REPLACE GARAGE GATE**

Description:

Front Gate and Opener at the Garage



Existing Condition:

The gate and opener at the Garage is at least 40 years old. We spend approximately \$1100.00 a year on gate/opener repairs.

Justification, Goals & Impacts:

- A new gate and opener will be smaller and faster.
- A new gate and opener would cut down on travel and save money on repairs.

Funding Schedule:

Total	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
\$ 10,500		10,500				

Funding Source:

This project will be funded from the Capital Improvement Sales Tax Fund.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **ADMINISTRATION: OFFICE OF THE CITY MANAGER**

PROJECT **IT INFRASTRUCTURE**

Description:

Upgrade old VMware host servers; make software upgrades; replace iPads, make firewall upgrades, and increase the annual PC replacement schedule of 10 PC's per year.



Existing Condition:

IT needs are constantly evolving as work processes change and new technology is developed. The City must continuously strive to stay current with our technology.

Justification, Goals & Impacts:

- Server upgrades will help allow us to move to a more virtualized environment.
- We need to make every effort to keep up with changing technology.
- By purchasing 10 PC's per year, the annual life cycle of each PC is reduced to only 6 years, which is more in-line with industry standards.
- iPads must be replaced when operating system updates are no longer available.

Funding Schedule:

Total	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
\$249,000	46,000	20,000	51,000	50,000	41,000	41,000

Funding Source: Available Funds

This project would be funded from the Capital Improvement Sales Tax Fund.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **FINANCE DEPARTMENT**

PROJECT **DOCUMENT MANAGEMENT SYSTEM**

Description:

These capital expenditures build on the DMS projects of FY2012 and FY2013. The purchase of

- Programming time to build document management retention applications for Police, Human Resources and City Clerk.
- Additional user licenses in FY 2015 anticipates greater planned system utilization from the above applications.



Existing Condition:

The DMS vendor requires use of a concurrent licensing scheme. The City currently has three licenses. As other applications are added, availability will be adversely impacted by greater system utilization.

Justification, Goals & Impacts:

- As different functional groups use the first DMS application, those groups are finding mission critical needs for permanent electronic document retention. This project addresses those needs in Police, Human Resources and City Clerk.
- Greater system utilization will result in greater resource demand and potentially cause the need for additional user licenses.

Funding Schedule:

Total	2016-17	2017-18	2018-19	2019-20	2020-21	2021-2022
\$33,000	11,000	22,000				

Funding Source: Available Funds

This project would be funded from the Capital Improvement Sales Tax Fund.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **PUBLIC WORKS**

PROJECT **PUBLIC WORKS - SOFTWARE**

Description:

Staff has reviewed the capabilities of our existing public works related software and the reliability of our current service provider. It has been determined the City of Ferguson would be better served to upgrade both. Therefore, staff will conduct an audit of our needs, and then advertise a request for proposals (RFP).



Existing Condition:

The Public Works Department uses software that was purchased in FY 2009-2010 and is outmoded and may limited/reduced support in the coming year. In addition, it is not integrated with either the City's computer aided dispatch software or its financial management software.

Justification, Goals & Impacts:

- Provide a new software and hardware solution for the Public Works Department that will satisfy the diverse needs of the department and “talk” to other city departments.
- Provide staff with a better conduit for critical information while conducting field inspections and processing code violation inspections.
- Allow staff to spend less time keying and more time focused on customer service.
- Provide a better platform for field work for inspectors and an easier to use resource for the clerks.

Funding Schedule:

Total	2016-17	2017-18	2018-19	2019-20	2020-21	2021-2022
\$50,000		50,000				

Funding Source: Available Funds

This project would be funded from the Capital Improvement Sales Tax Fund.

CITY OF FERGUSON, MISSOURI

CAPITAL IMPROVEMENT PROJECT REQUEST FORM

DEPARTMENT **Parks and Recreation**

PROJECT **Patio Shade Community Center**

Description: The Community Center has an outdoor patio attached to our internet café. Currently we have tables and chairs but no umbrellas to provide reprieve from the sun.

Existing Condition: During the morning hours and into the late afternoon the patio faces the east in direct sunlight making it uncomfortable for patrons to enjoy the patio during that time without shade. With the addition of the Sand Volleyball Complex and other improvements in the rear of the Community Center we anticipate an increase in use of the patio and therefore a desire to have protection from the sun.



Justification, Goals & Impacts:

- Provide shade for patron use of the outdoor patio at the Community Center.
- Create a shaded viewing area for the Sand Volleyball complex and playground.
- Project will be partially funded through the Park Municipal Grant.

Funding Schedule:

Total	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
\$ 9,200		\$9,200				

Funding Source: Grant and Park CIP funds