

FERGUSON TOWNSHIP



5 YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET

2013– 2017

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

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FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

TO: The Ferguson Township Board of Supervisors
FROM: Mark A. Kunkle, Township Manager
DATE: July 2012
SUBJECT: 2013-2017 Capital Improvement Program Budget

INTRODUCTION

The Capital Improvement Program Budget (CIP) is required to be prepared annually in accordance with the Administrative Code. In 1991, the Township Board of Supervisors adopted the first modern Capital Improvement Program Budget. The CIP is a mid-term financial planning tool that forecasts the revenues and expenditures of the Township for the next five years with particular emphasis on the major capital projects. The CIP includes past audited financial information that provides a basis for the forecast in future anticipated revenues and expenditures.

The Capital Improvement program is a planning tool, not an official budget. It is used to plan for future projects that are aligned with the strategic plan, require more than one budget period to implement and require sufficient resources that they cannot be accounted for properly in one budget period. The Capital Improvement program is also used to forecast large future expenditures so that funding can be planned and budgeted for in advance.

In the simplest of terms, capital improvements are expansions of or improvements to the Township's physical structure such as buildings, parks, streets and roads (infrastructure). Capital outlay is generally equipment, vehicles, major consulting services, furnishings, and furniture. The combination of these items comprises the Township's annual Capital Improvement Program (CIP) Budget.

As can be seen from the tables and graphs on the following pages, the funding for the CIP comes from a variety of sources. Capital improvements and outlays are summarized by department and project in this section.

WHAT IS A CAPITAL IMPROVEMENT PROJECT?

Items that are included in the CIP are consistent with previous CIP budgets and typically represent capital cost exceeding a threshold of \$1,000 with a life span of more than one budget period, which for the Township is 12 months:

- The purchase of new equipment, vehicles, fixtures and furniture
- Major rehabilitation, replacement, of existing facilities or construction of new facilities
- Consulting fees for special, one-time projects (since these are included in the cost of the project)

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WHAT IS A CAPITAL IMPROVEMENT PROGRAM?

A capital improvement program is a five-year plan for the evaluation of the Township's facility and infrastructure needs. It serves as a guide for construction and development of the Township's infrastructure asset base in the most cost efficient manner possible. It is the result of systematic review of each project as it relates to the Township Board of Supervisors goals and the established priority scheme, to maximize the use of all financial resources.

While the program serves as a long-range plan, it is reviewed annually and revised based on current circumstances and opportunities. Priorities may be changed due to grant opportunities or circumstances that caused a more rapid deterioration of an asset resulting in a liability issue. Projects may be revised for significant costing variances.

WHAT ARE THE OBJECTIVES OF A CAPITAL IMPROVEMENT PROGRAM?

- To forecast public facilities and improvements that will be needed in the near future.
- To anticipate and project financing needs in order to maximize available federal, state, and county funds.
- To focus attention on and assist in the implementation of established Township Board of Supervisors goals as outlined in the Strategic Plan, Comprehensive Plan, and Recreation, Parks and Open Space Plan.
- To serve as a guide for local officials in making budgetary decisions.
- To balance the needs of new development with existing development.
- To strike a balance between needed public improvements and the present financial capability of the Township to provide for these improvements.
- To provide an opportunity for citizens and interest groups to voice opinions on development of Township facilities and infrastructure.
- To provide for improvements in a timely and systematic manner.

HOW DOES THE CAPITAL IMPROVEMENT PROGRAM REINFORCE THE GOALS OF THE STRATEGIC PLAN?



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The Strategic Plan is a guiding document that identifies and details, in writing, priorities of the Township and the direction that the governing body expects management to pursue. This follows the Vision and Mission Statements. The Vision Statement describes the global direction and long-term goals of the Township. The Mission Statement provides the methodology to achieve the goals of the Vision Statement. The Core Values are the basis for deciding which direction the Township will take. These Core Values then form the basis for the goals, objectives and ultimately the tasks that need to be fulfilled to carry out the Mission Statement. The Capital Improvement plan budget is used to document the resources that have been identified needed to achieve the goals of the Strategic Plan.

WHAT IS THE CAPITAL IMPROVEMENT PLAN DEVELOPMENT PROCESS?

Beginning in May, the Department Directors were provided worksheets to begin the process of preparing an update to the prior year's CIP. The Department Directors have projected projects, equipment, services and programs each of the Departments will need over the next five years to meet the needs of the Township. It is important to note that the CIP does not represent an appropriation of funds for any of the proposed expenditures. The Board of Supervisors will consider appropriations for specific projects in the annual operating budget of each fiscal year. Additionally, the projects in this CIP may change over the next year to reflect changes in priorities, conditions and circumstances.

HOW DOES THE CAPITAL IMPROVEMENT PROGRAM AFFECT THE OPERATING BUDGET?

Capital improvements can affect the budget by increasing or decreasing revenues and expenditures. Revenues could be increased if the improvement attracts new businesses (building permits, property tax or fees). The improvement could also increase expenditures. Perhaps an expansion requires new employees, additional maintenance services, or additional utility costs. Construction of a new street may require additional costs for police patrol services, snow and ice removal, or street light utility costs. Perhaps new technology could make the operation of a facility or service more efficient resulting in a reduction in power costs, utility costs, and personnel costs (reduction in overtime or person-hours). Many projects are associated with prevention of future excessive costs that are difficult to measure. The priority for available capital project funds has been maintenance of existing facilities and infrastructure. Most of the Township's projects fall into this category.

The total **2013 to 2017** five-year expenditures including **Operating Costs and Capital Expenditures** is estimated to be **\$71,797,282** including **Interfund Transfers of \$12,932,841**.

Of this amount, the total **Capital Expenditures** (including debt service) for the term **2013 to 2017** is **\$16,169,804** representing **22.5%** of the total budget.

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

TIMETABLE FOR SUBMISSION, REVIEW AND APPROVAL OF THE CIP

The proposed schedule for the adoption of the **2013-2017 Capital Improvement Program Budget** is as follows:

*	Submission to Board of Supervisors	July 6, 2012
*	CIP Road Tour Work session	June 12, 2012
*	CIP Work session	July 25 @ 6pm-9pm & July 26 @ 9am-12pm
*	Adoption of CIP	August 20, 2012

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PERSONNEL

The budget includes the addition of several staff positions. This section discusses the positions included and the details related to them. Please note, that personnel are not one-time expenditures like most capital costs. They are ongoing expenditures and increase annually as wages and the cost of benefits increase. These expenditures are captured in the Annual Operating Budgets, but impact the capital expenditure budget by reducing available funds for capital improvements.

DESCRIPTION	BEGINNING YEAR	1 YEAR BUDGET
<p><u>Assistant to the Planner</u></p> <p>This position is being recommended as part of a restructuring of the Planning and Zoning Department. Results of the 2012 Community Survey indicate a need to:</p> <ul style="list-style-type: none"> a) update, streamline and develop a more user friendly subdivision, land development, and zoning ordinance b) reduce and improve plan review time and customer service <p>The new position will allow the roles of department personnel to be redefined to better utilize their strengths. This position will improve the department's depth of personnel and add "bench strength".</p> <p>Salary and benefits for 9 months in 2013. (Salary Grade 20 Annually \$ 38,496 to \$ 51,781)</p>	2013	\$42,000
<p><u>Part-time Community Coordination/Relations Coordinator</u></p> <p>The 2012 Community Survey indicates the community wants and needs more information and opportunity for input on everything from budget preparation to capital improvement projects. This position is recommended to be part-time with maximum of 20 hours per week. Responsibilities of this position would be news releases, newsletter, web page news – articles- content organization – enhancements, investigating use of social media, interface with community for better resident/business information flow, spot surveying on topics and issues.</p>	2013	\$20,000
<p><u>Police Officer(s)</u></p> <p>An additional police officer(s) would allow a third patrol officer to be assigned to the Detective unit, which is necessary for increased participation in the regional drug task force. Additionally, increasing demands for digital evidence processing and tracking have increased the workload on the detective unit. In addition, should Halfmoon Township accept a proposal for local police services from Ferguson Township an additional officer would be required. Other factors that may influence the addition of patrol officers are the rate of</p>	2015	\$55,000

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development of the Pine Hall Town Center and West College Avenue Terraced Streetscape District, community education/crime prevention community desires and community demand for increased traffic enforcement.		
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GENERAL ENVIRONMENTAL VARIABLES

The general environment in which the Township operates has some impact on the financial results for the period. With this in mind, it is helpful to identify and document those variables. They may not measurably impact the budget individually, but rather set the stage for which the Township will have to operate in. Some variables are listed below

This budget considers the following environmental variables:

- Transportation Improvement Fund tax will continue at current rates.
- Interest Rates will approximate 2% annually over the next five years
- Inflation Index will approximate 3% annually over the next five years
- The Township's tax base will approximate 2% annual increases over the next five years
- Township wage increases will average 1% higher than inflation
- Tax revenues reflect the moving average of the previous 4 years
- The number of full time Township employees will change in accordance with the personnel schedule
- Number of miles of roadway maintained will increase at a similar rate of approximately one mile per year as in the past five years
- Road construction costs are estimated to increase at 10% per year in the next 5 years (per public works)
- Tax rates will remain constant.
- Health Insurance rate annual increases will approximate 10% per year.
- Pension costs will not increase significantly.

Commonly, future projections are based on the past performance. Given this is a reasonable method that has merit, it is important to adjust these projections with more accurate or relevant information as it becomes available. In addition, the basis for certain variables is stated. This will assist in the usefulness of this document since the basis of the variables can be compared with actual results and make any necessary adjustments as needed to future estimates.

REVENUE NARRATIVE

The basis for the revenue estimates is derived from line item calculations of specific factors wherever possible, such as previous audits, or the CAFR (Comprehensive Annual Financial Report) statistics including the number of tax returns or real estate parcels or population growth statistics. Other estimates are based on a 3 to 5 year history and adjusted to reflect anticipated changes. When these statistics are not available, such as estimated grant revenues, which change annually, a risk adjustment is included to compensate for the estimated probability of not receiving this revenue. It is common practice to be conservative in estimating revenue, due to the risk associated with estimates, rather than to over-estimate revenue. However, credence is given to reasonableness and materialism.

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The Earned Income Tax revenue is by far the largest continuous revenue source of the Township making up approximately 60% of the total general revenue (in the absence of Special Federal project revenue which skews the long term percentages).

PA Act 32 took effect in 2012. This Act transfers local Earned Income Tax collection to countywide collection. The Centre Tax Agency (State College Borough) was created to collect these taxes for Centre County. The Real Estate taxes continue to be collected by the Township.

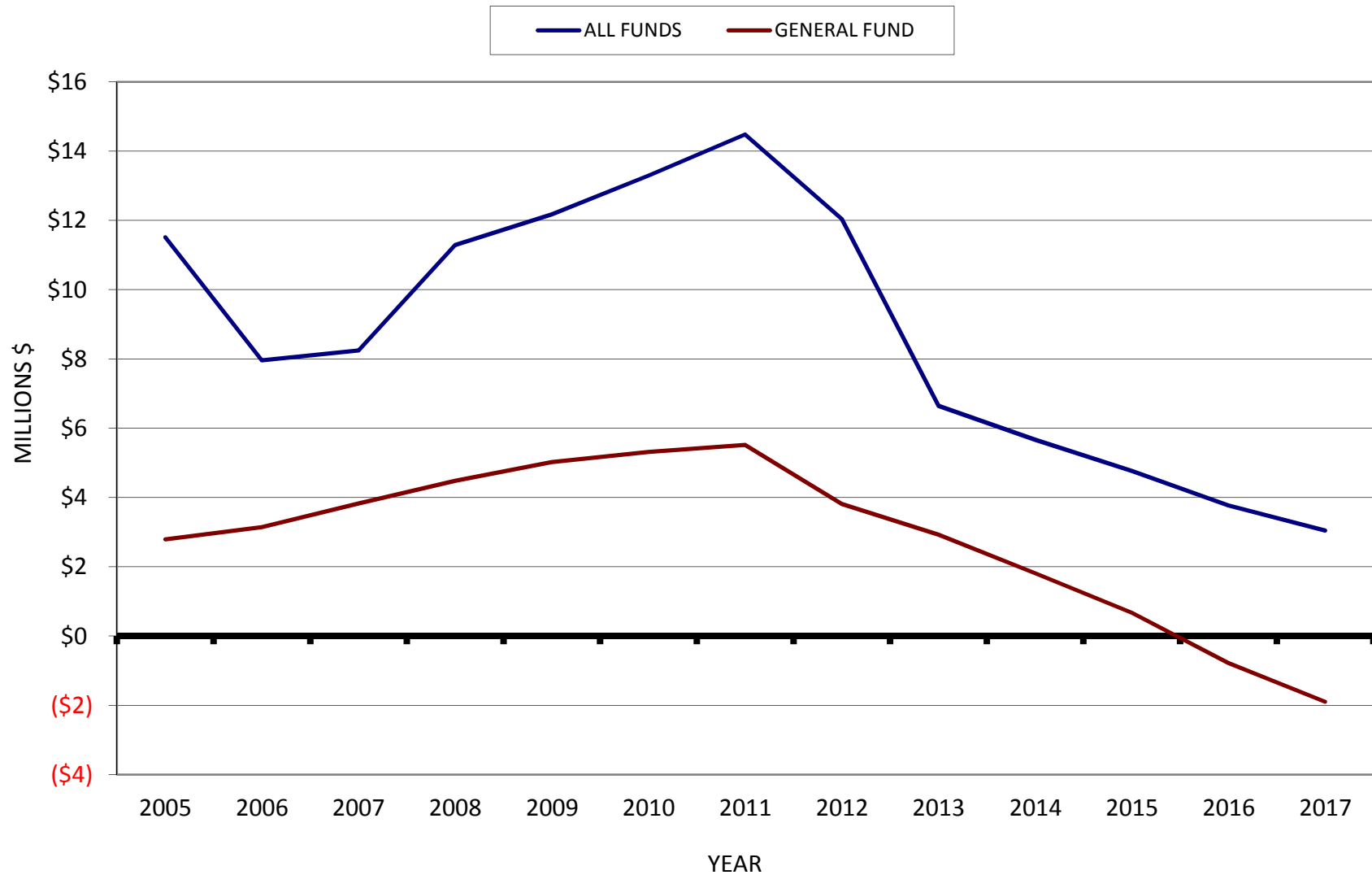
The next highest revenue sources to the Earned Income Taxes are the Real Estate Transfer Tax revenue and the Real Estate Property Tax revenue. The Real Estate Tax revenue is a function of property values and millage (Real Estate Property Taxes) and the value of sales of real estate (Transfer Taxes). The school system receives 80% of the Property Tax revenue. The Township receives 3.8% with the remaining 16.2% balance going to the County. The Township receives 1.25% of the value of the Real Estate sold in the Township. This rate reflects an increase of .75% in 2002 over the prior rate of .50%. By definition, the number of parcels and the value of real estate sold can vary considerably from year to year. Historically, the Township has been fortunate enough to experience growth in employment as well as growth in the value of real estate. The recession has not affected the township revenues significantly at this point. It has delayed growth in revenues for a couple of years, but has not reduced overall revenues significantly. One factor in this is the diversity of employment in the township. Rather than several large employers (other than PSU), the region is comprised of many small or medium sized companies. State College area employment has remained higher than the national average at 95% (5% unemployment during 2011). This has significantly benefited the region.

The remainder of the income-based taxes is the LST (Local Services Tax). The State College Borough collects this tax for the Centre Region. This tax is levied on persons earning more than \$12,000.

The balance of revenue is derived from Grants, Department Earnings, Licenses, Permits, Contributions, Interest and other miscellaneous revenue

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2013 - 2017

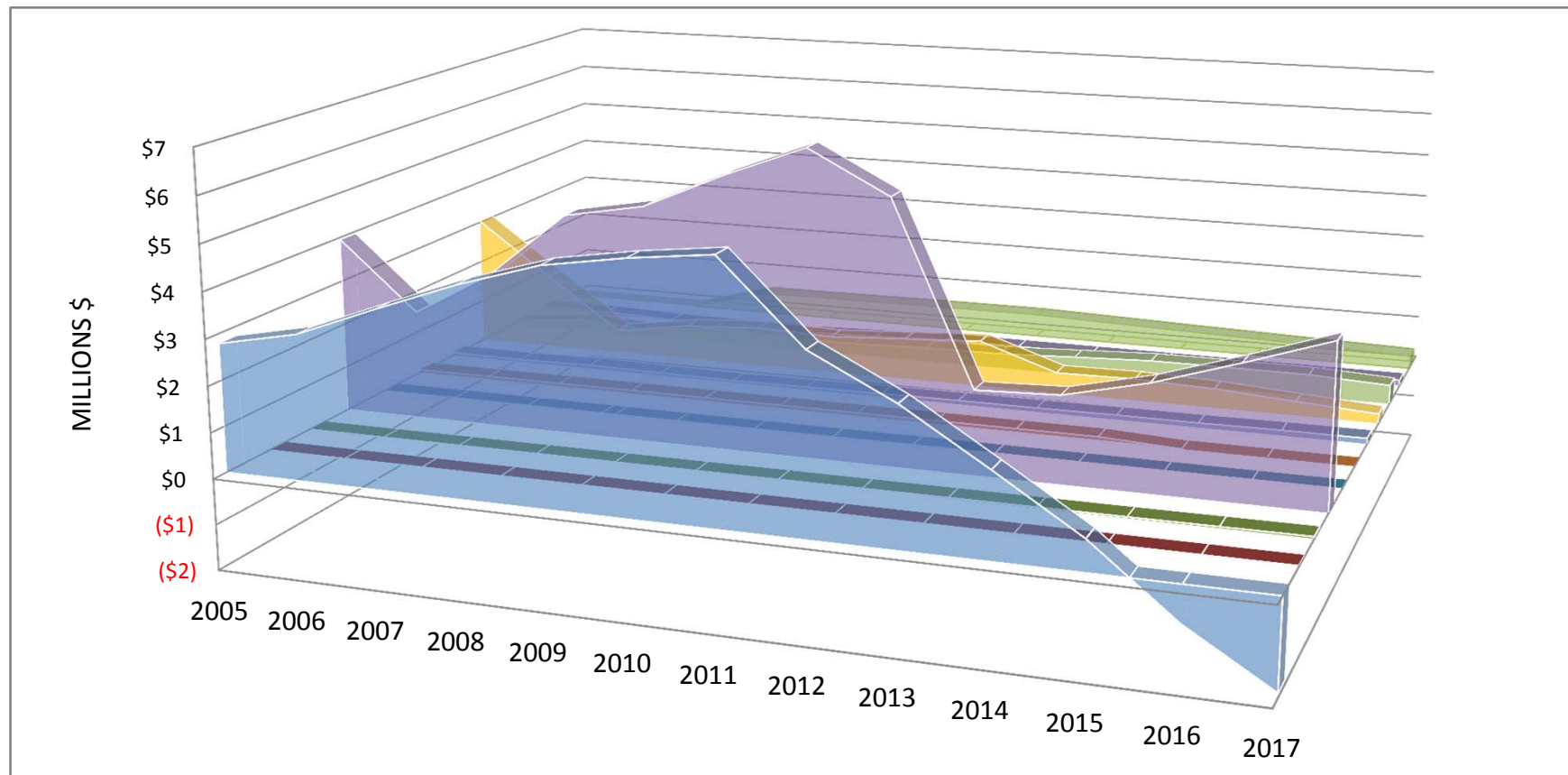
TOTAL FUND BALANCE



FERGUSON TOWNSHIP CAPITAL IMPROVEMENT PROGRAM

2013 - 2017

FUND BALANCE BY FUND

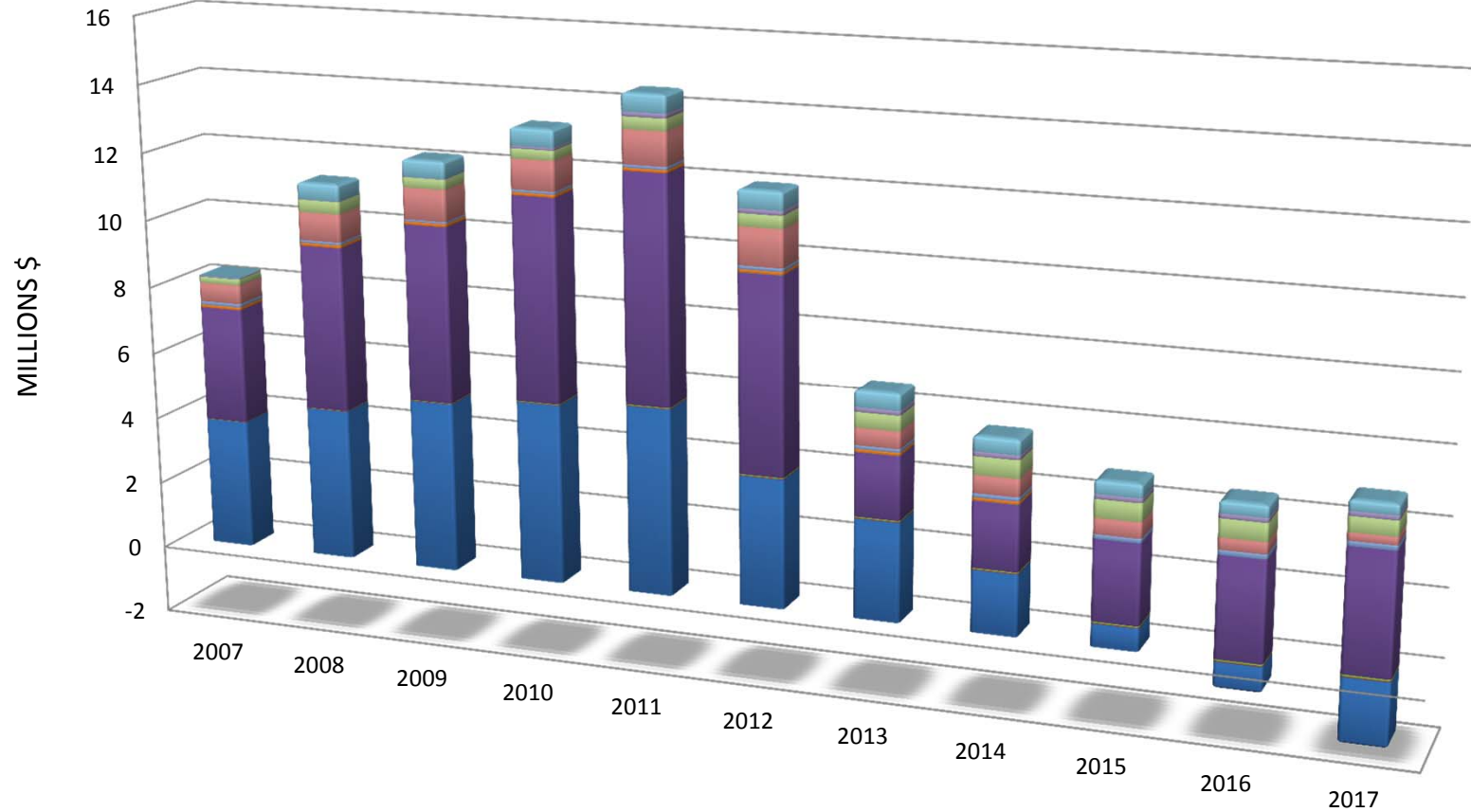


- GENERAL FUND (01)
- TRANSPORTATION IMPROVEMENT (04)
- AG PRESERVATION (19)
- PARK IMPROVEMENT (92)
- STREET LIGHT (02)
- GENERAL OBLIGATION (16)
- CAPITAL RESERVE (30)
- REG CAP REC PROJECTS (31)
- HYDRANT (03)
- PINEY RIDGE (18)
- LIQUID FUELS (35)

FERGUSON TOWNSHIP CAPITAL IMPROVEMENT PROGRAM

2013 - 2017

FUND BALANCE BY FUND

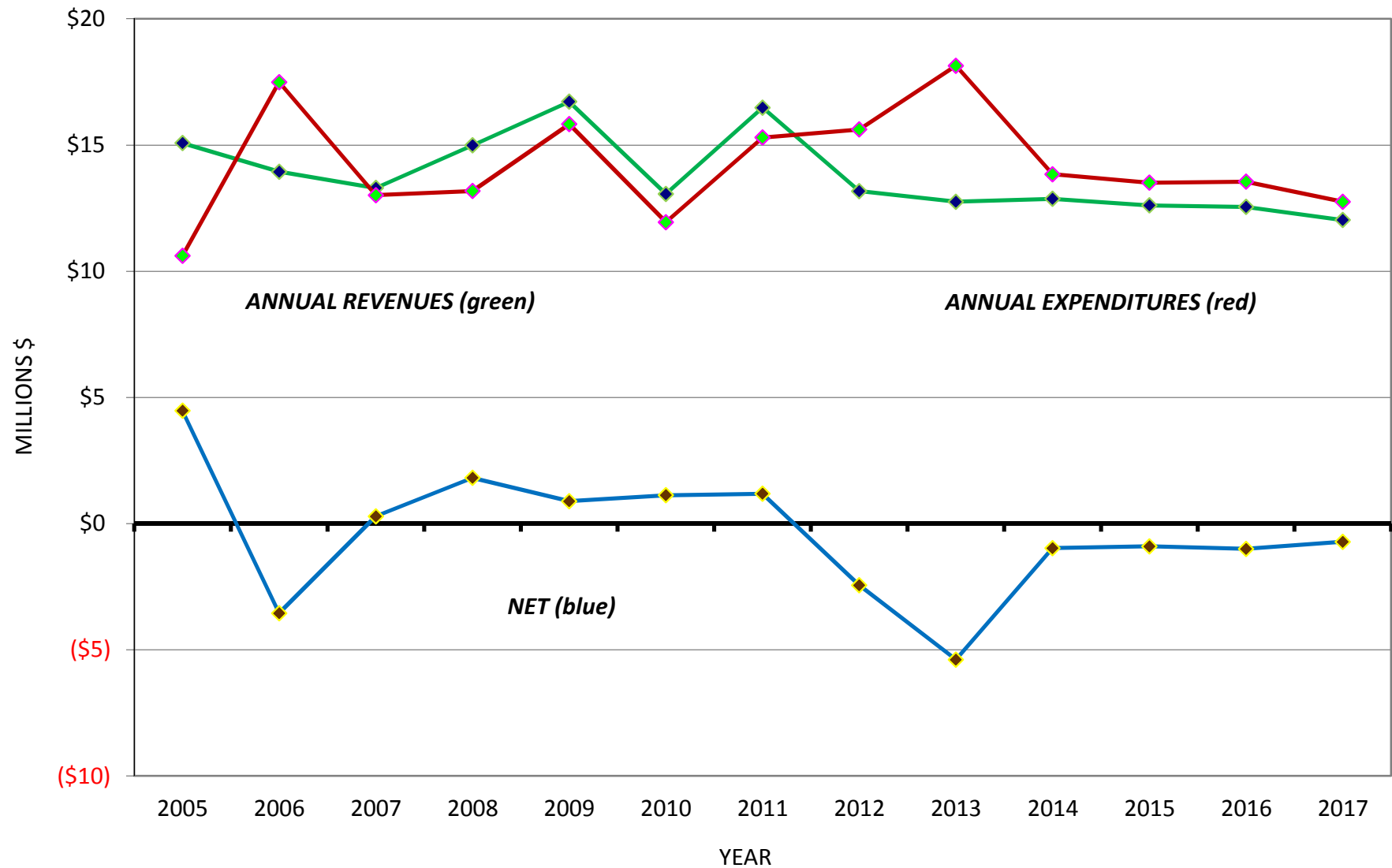


- GENERAL FUND (01)
- STREET LIGHT (02)
- HYDRANT (03)
- TRANSPORTATION IMPROVEMENT (04)
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FERGUSON TOWNSHIP CAPITAL IMPROVEMENT PROGRAM

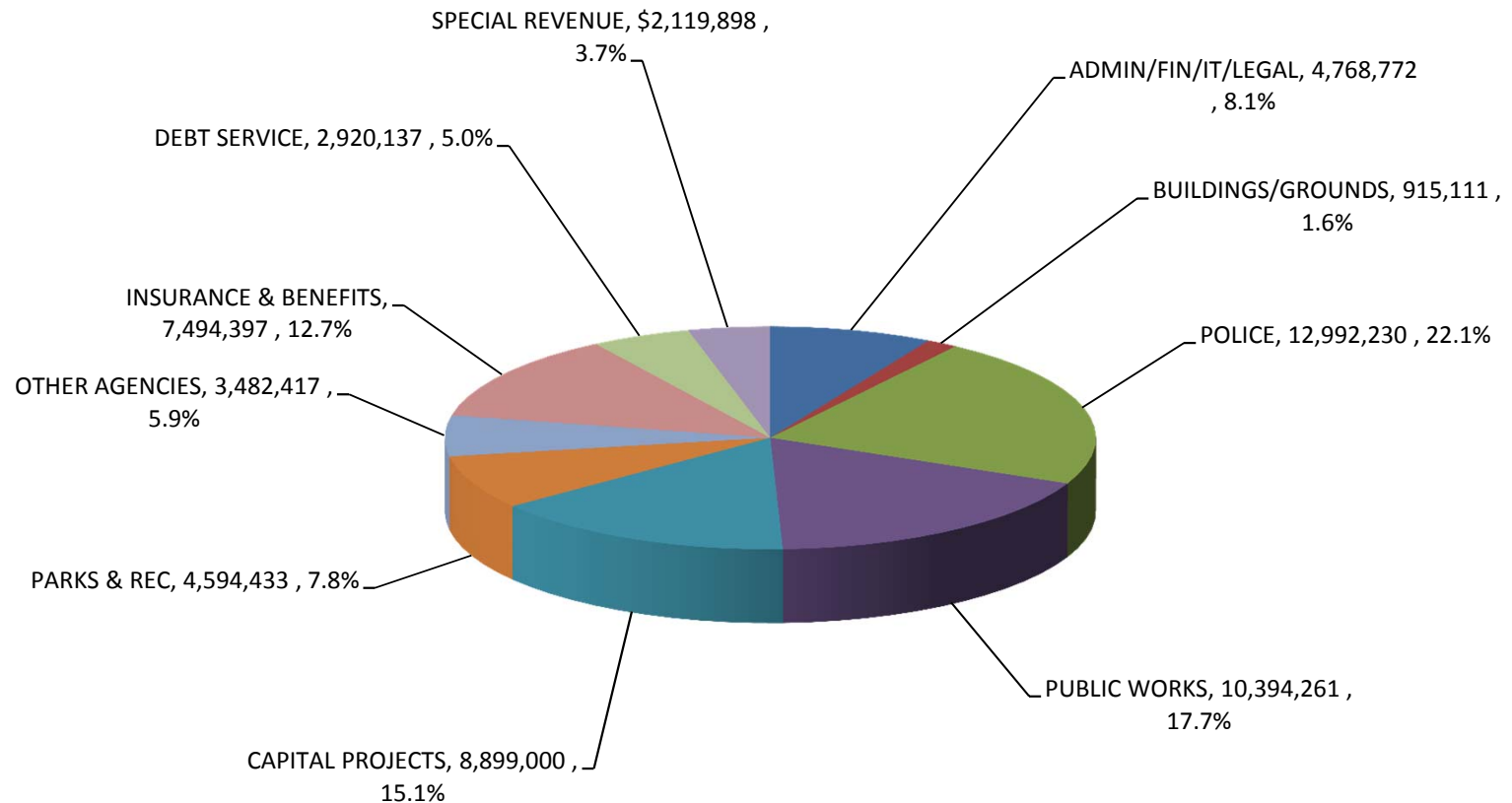
2013 - 2017

ANNUAL REVENUES & EXPENDITURES



FERGUSON TOWNSHIP CAPITAL IMPROVEMENT PROGRAM
2013 - 2017

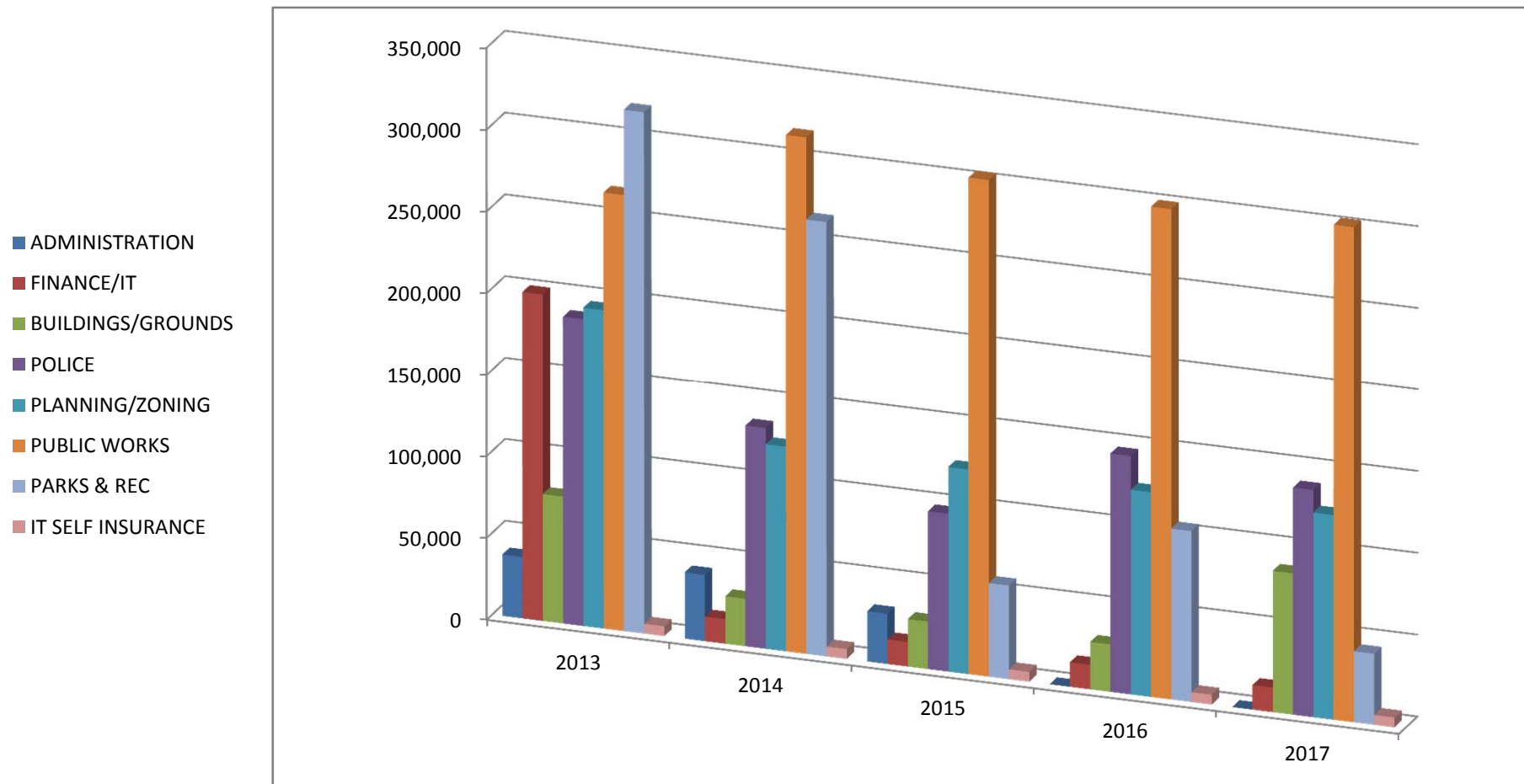
**TOTAL FIVE YEAR DEPARTMENT EXPENDITURES
(LESS INTERFUND TRANSFERS)**



FERGUSON TOWNSHIP CAPITAL IMPROVEMENT PROGRAM

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CAPITAL RESERVE EXPENDITURES BY YEAR & DEPARTMENT



FERGUSON TOWNSHIP
2013-2017 CAPITAL IMPROVEMENT PROGRAM-CASH BASIS
REVENUE/EXPENDITURE SUMMARY & CHANGES IN FUND BALANCE

	GENERAL FUNDS	SPECIAL REVENUE FUNDS			DEBT SERVICE FUNDS	CAPITAL PROJECTS FUNDS								
	01	02	03	35	16	17	04	18	19	20	30	31	92	
DESCRIPTION	GENERAL FUND	STREET LIGHT FUND	HYDRANT FUND	LIQUID FUELS FUND	GENERAL OBLIGATION FUND	CONSTRUCTIO N FUND	TRANSPRT IMPRVMENT FUND	PINEY RIDGE FUND	AG PRESERVE FUND	PINE GROVE MILLS STREETLIGHT	CAPITAL RESERVE FUND	REG CAP REC PROJECTS FUND	PARK IMPRVMENT FUND	TOTALS
2010 ACTUAL														
BEGINNING FUND BALANCE	5,023,583	12,609	18,930	294,276	(7,979)	4,965	5,220,670	88,020	60,861	0	930,220	515,377	13,659	12,175,192
REVENUES €	9,400,706	11,543	33,023	388,611	557,325	7	1,588,547	57	15,040	0	996,759	16,279	56,103	13,064,000
LESS: EXPENDITURES €	(9,113,124)	(11,762)	(28,050)	(388,694)	(556,613)	(4,972)	(792,331)	0	0	0	(1,046,902)	0	0	(11,942,448)
NET CHANGE	287,582	(219)	4,973	(83)	712	(4,965)	796,216	57	15,040	0	(50,143)	16,279	56,103	1,121,552
ENDING FUND BALANCE	5,311,165	12,390	23,903	294,193	(7,267)	0	6,016,886	88,077	75,901	0	880,077	531,656	69,762	13,296,743
2011 ACTUAL														
BEGINNING FUND BALANCE	5,311,165	12,390	23,903	294,193	(7,267)	0	6,016,886	88,077	75,901	0	880,077	531,656	69,762	13,296,743
REVENUES (F)	10,075,752	12,005	33,868	398,471	564,540	0	4,406,583	29	15,022	0	903,040	9,173	64,290	16,482,773
LESS: EXPENDITURES (F)	(9,866,102)	(11,134)	(28,140)	(338,440)	(557,246)	0	(3,703,469)	0	0	0	(795,817)	0	0	(15,300,348)
NET CHANGE	209,650	871	5,728	60,031	7,294	0	703,114	29	15,022	0	107,223	9,173	64,290	1,182,425
ENDING FUND BALANCE	5,520,816	13,261	29,631	354,224	27	0	6,719,999	88,106	90,923	0	987,300	540,829	134,052	14,479,168
2012 ESTIMATED														
BEGINNING FUND BALANCE	5,520,816	13,261	29,631	354,224	27	0	6,719,999	88,106	90,923	0	987,300	540,829	134,052	14,479,168
REVENUES (G)	9,090,731	12,015	32,015	389,300	569,714	0	1,288,273	200	15,200	21,500	1,750,000	5,150	10	13,174,108
LESS: EXPENDITURES (G)	(10,800,747)	(10,500)	(28,050)	(373,000)	(562,209)	0	(2,200,000)	0	0	0	(1,642,515)	0	0	(15,617,021)
NET CHANGE	(1,710,016)	1,515	3,965	16,300	7,505	0	(911,727)	200	15,200	21,500	107,485	5,150	10	(2,442,913)
ENDING FUND BALANCE	3,810,800	14,776	33,596	370,524	7,532	0	5,808,272	88,306	106,123	21,500	1,094,785	545,979	134,062	12,036,255
2013 PROJECTED														
BEGINNING FUND BALANCE	3,810,800	14,776	33,596	370,524	7,532	0	5,808,272	88,306	106,123	21,500	1,094,785	545,979	134,062	12,036,255
REVENUES (H)	9,350,688	12,052	32,099	452,746	688,392	0	1,293,293	221	15,265	0	805,237	101,365	335	12,751,692
LESS: EXPENDITURES (I)	(10,238,195)	(10,815)	(28,892)	(371,000)	(688,392)	0	(5,242,000)	0	(15,000)	0	(1,399,979)	(150,000)	0	(18,144,272)
NET CHANGE	(887,507)	1,237	3,207	81,746	0	0	(3,948,707)	221	265	0	(594,742)	(48,635)	335	(5,392,580)
ENDING FUND BALANCE	2,923,293	16,013	36,803	452,270	7,532	0	1,859,565	88,527	106,389	21,500	500,043	497,344	134,397	6,643,675
2014 PROJECTED														
BEGINNING FUND BALANCE	2,923,293	16,013	36,803	452,270	7,532	0	1,859,565	88,527	106,389	21,500	500,043	497,344	134,397	6,643,675
REVENUES (I)	9,341,923	12,092	32,191	452,951	696,222	0	1,263,746	221	15,266	0	953,750	101,243	336	12,869,941
LESS: EXPENDITURES (K)	(10,450,032)	(11,139)	(29,759)	(376,000)	(696,222)	0	(1,198,000)	0	0	0	(932,381)	(150,000)	0	(13,843,533)
NET CHANGE	(1,108,109)	953	2,432	76,951	0	0	65,746	221	15,266	0	21,369	(48,757)	336	(973,592)
ENDING FUND BALANCE	1,815,183	16,966	39,235	529,221	7,532	0	1,925,311	88,748	121,655	21,500	521,412	448,587	134,733	5,670,083
2015 PROJECTED														
BEGINNING FUND BALANCE	1,815,183	16,966	39,235	529,221	7,532	0	1,925,311	88,748	121,655	21,500	521,412	448,587	134,733	5,670,083
REVENUES (J)	9,405,023	12,134	32,289	453,143	697,809	0	1,282,682	222	15,304	0	603,804	104,121	337	12,606,868
LESS: EXPENDITURES (M)	(10,550,969)	(11,473)	(30,652)	(448,880)	(697,809)	0	(851,500)	(88,500)	(15,000)	0	(663,191)	(150,000)	0	(13,507,974)
NET CHANGE	(1,145,946)	661	1,637	4,263	0	0	431,182	(88,278)	304	0	(59,387)	(45,879)	337	(901,106)

FERGUSON TOWNSHIP
2013-2017 CAPITAL IMPROVEMENT PROGRAM-CASH BASIS
REVENUE/EXPENDITURE SUMMARY & CHANGES IN FUND BALANCE

DESCRIPTION	GENERAL FUNDS	SPECIAL REVENUE FUNDS			DEBT SERVICE FUNDS	CAPITAL PROJECTS FUNDS								TOTALS
	01	02	03	35	16	17	04	18	19	20	30	31	92	
	GENERAL FUND	STREET LIGHT FUND	HYDRANT FUND	LIQUID FUELS FUND	GENERAL OBLIGATION FUND	CONSTRUCTION FUND	TRANSPORT IMPROVEMENT FUND	PINEY RIDGE FUND	AG PRESERVE FUND	PINE GROVE MILLS STREETLIGHT	CAPITAL RESERVE FUND	REG CAP REC PROJECTS FUND	PARK IMPROVEMENT FUND	
ENDING FUND BALANCE	669,237	17,627	40,872	533,484	7,532	0	2,356,493	470	121,959	21,500	462,025	402,708	135,070	4,768,977
2016 PROJECTED														
BEGINNING FUND BALANCE	669,237	17,627	40,872	533,484	7,532	0	2,356,493	470	121,959	21,500	462,025	402,708	135,070	4,768,977
REVENUES (K)	9,336,371	12,223	38,493	454,487	698,279	0	1,280,956	5	15,610	0	604,810	105,014	675	12,546,923
LESS: EXPENDITURES (O)	(10,786,510)	(11,817)	(31,572)	(455,000)	(698,279)	0	(692,000)	0	0	0	(725,034)	(150,000)	0	(13,550,212)
NET CHANGE	(1,450,139)	406	6,921	(513)	0	0	588,956	5	15,610	0	(120,224)	(44,986)	675	(1,003,289)
ENDING FUND BALANCE	(780,902)	18,033	47,794	532,972	7,532	0	2,945,449	475	137,568	21,500	341,801	357,722	135,745	3,765,688
2017 PROJECTED														
BEGINNING FUND BALANCE	(780,902)	18,033	47,794	532,972	7,532	0	2,945,449	475	137,568	21,500	341,801	357,722	135,745	3,765,688
REVENUES (L)	9,355,971	12,403	38,971	457,150	139,435	0	1,295,664	5	16,376	0	605,918	106,577	1,357	12,029,827
LESS: EXPENDITURES (Q)	(10,470,826)	(12,172)	(32,519)	(541,995)	(139,435)	0	(672,000)	0	(15,000)	0	(717,344)	(150,000)	0	(12,751,291)
NET CHANGE	(1,114,855)	231	6,452	(84,845)	0	0	623,664	5	1,376	0	(111,426)	(43,423)	1,357	(721,464)
ENDING FUND BALANCE	(1,895,758)	18,263	54,246	448,126	7,532	0	3,569,114	480	138,944	21,500	230,375	314,299	137,103	3,044,224

FERGUSON TOWNSHIP
2013-2017 CAPITAL IMPROVEMENT PROGRAM-CASH BASIS
FINANCIAL CAPACITY REPORT

DESCRIPTION	2009 Actual	2010 Actual	2011 Actual	2012 Estimated	PROJECTED					Total 2013- 2017
					2013	2014	2015	2016	2017	
Revenue (inc transfers in)										
Taxes	7,948,380	8,082,875	8,403,023	7,999,645	8,128,800	8,116,300	8,179,400	8,106,900	8,126,500	40,657,900
Other General Funds	1,267,792	1,070,572	1,540,657	966,570	1,097,372	1,097,372	1,097,372	1,097,372	1,097,372	5,486,858
PSU Tax Settlement	9,388	247,259	132,072	124,516	124,516	128,251	128,251	132,099	132,099	645,216
Capital Projects Funds ⁽²⁾	2,125,900	2,672,792	5,398,137	3,080,333	2,215,716	2,334,563	2,006,469	2,007,070	2,025,898	10,589,716
Special Rev. Funds ⁽¹⁾	460,685	433,177	444,344	433,330	496,897	497,234	497,567	505,203	508,524	2,505,425
Debt Service Fund	4,904,494	557,325	564,540	569,714	688,392	696,222	697,809	698,279	139,435	2,920,137
Other Financing Sources ⁽³⁾										0
Total Revenue	16,716,639	13,064,000	16,482,773	13,174,108	12,751,692	12,869,941	12,606,868	12,546,923	12,029,827	62,805,251
Expenditures (inc transfers out)										
General Fund	8,684,856	9,113,124	9,866,102	10,800,747	10,238,195	10,450,032	10,550,969	10,786,510	10,470,826	52,496,532
Capital Projects ⁽²⁾	1,705,078	1,844,205	4,499,286	3,842,515	6,806,979	2,280,381	1,768,191	1,567,034	1,554,344	13,976,929
Special Rev. Funds ⁽¹⁾	525,080	428,506	377,714	411,550	410,707	416,898	491,005	498,389	586,686	2,403,685
Debt Service Fund	4,914,221	556,613	557,246	562,209	688,392	696,222	697,809	698,279	139,435	2,920,137
Other Financing Uses ⁽³⁾										0
Total Expenditures	15,829,234	11,942,448	15,300,348	15,617,021	18,144,272	13,843,533	13,507,974	13,550,212	12,751,291	71,797,282
Annual Change in Fund Balance	887,405	1,121,552	1,182,425	(2,442,913)	(5,392,580)	(973,592)	(901,106)	(1,003,289)	(721,464)	(8,992,031)
Beginning Fund Balance	11,287,787	12,175,192	13,296,743	14,479,168	12,036,255	6,643,675	5,670,083	4,768,977	3,765,688	12,036,255
Ending Fund Balance	12,175,192	13,296,743	14,479,168	12,036,255	6,643,675	5,670,083	4,768,977	3,765,688	3,044,224	3,044,224
Less Designated for Capital Imp	(7,151,608)	(7,985,578)	(8,958,353)	(8,225,456)	(3,720,383)	(3,854,900)	(4,099,740)	(4,546,590)	(4,939,982)	(21,161,595)
General Fund Balance Available	5,023,583	5,311,165	5,520,816	3,810,800	2,923,293	1,815,183	669,237	(780,902)	(1,895,758)	(1,895,758)

⁽¹⁾ Street Light Fund-02, Hydrant Fund-03, Liquid Fuels Fund-35

⁽²⁾ TIF Fund-04, Const Fund-17, Piney Ridge Fund-18, Ag Pres Fund-19, Pine Grove Mills Streetlight-20, Capital Reserve Fund-30, Regional Cap Rec Projects Fund-31, Park Imp Fund-92

⁽³⁾ Debt Proceeds, Prior Years, Sale of Assets

FERGUSON TOWNSHIP 2013 - 2017 CIP REVENUE PROJECTIONS-CASH BASIS										
DESCRIPTION				ESTIMATED	PROJECTED					TOTAL 2013-
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2017
GENERAL FUND (01)										
TAX REVENUE										
301 Real Estate Taxes	1,264,640	1,275,750	1,285,660	1,299,645	1,281,400	1,285,600	1,288,100	1,288,700	1,286,000	6,429,800
310.021 Earned Income Taxes	5,496,867	5,453,119	5,903,659	5,500,000	5,588,400	5,611,300	5,650,800	5,587,600	5,609,500	28,047,600
310.051 LST/EMST/OP Tax	346,277	319,906	381,124	300,000	336,800	334,500	338,100	327,400	334,200	1,671,000
310.010 Real Estate Transfer Taxes (3 yr rolling avg)	840,595	1,034,100	832,580	900,000	922,200	884,900	902,400	903,200	896,800	4,509,500
TOTAL TAX REVENUES	7,948,380	8,082,875	8,403,023	7,999,645	8,128,800	8,116,300	8,179,400	8,106,900	8,126,500	40,657,900
OTHER GENERAL FUND REVENUE										
321-332 Licenses/Permits/Fines	352,670	390,134	368,350	338,643	260,000	260,000	260,000	260,000	260,000	1,300,000
341 Interest/Rents	183,266	123,998	122,622	62,500	0	0	0	0	0	0
351-358 Federal & State Grants	468,039	302,042	751,857	242,070	552,372	552,372	552,372	552,372	552,372	2,761,858
359-365 Departmental Fees/Earnings	216,515	196,416	208,133	202,357	165,000	165,000	165,000	165,000	165,000	825,000
387 In Lieu of Taxes (PSU Settlement)	9,388	247,259	132,072	124,516	124,516	128,251	128,251	132,099	132,099	645,216
380, 389, 395 Miscellaneous Revenue	47,302	53,010	89,695	1,000	60,000	60,000	60,000	60,000	60,000	300,000
392.xxx Transfers from Other Funds		4,972		120,000	60,000	60,000	60,000	60,000	60,000	300,000
TOTAL OTHER GF REVENUES	1,277,180	1,317,831	1,672,729	1,091,086	1,221,888	1,225,623	1,225,623	1,229,471	1,229,471	6,132,074
NET GENERAL FUND REVENUE	9,225,560	9,400,706	10,075,752	9,090,731	9,350,688	9,341,923	9,405,023	9,336,371	9,355,971	46,789,974
CAPITAL PROJECTS FUNDS										
TRANSPORT IMPROVEMENT FUND (04)	1,340,394	1,588,547	4,406,583	1,288,273	1,293,293	1,263,746	1,282,682	1,280,956	1,295,664	6,416,341
CONSTRUCTION FUND (17)	31	7	0	0	0	0	0	0	0	0
PINEY RIDGE FUND (18)	462	57	29	200	221	221	222	5	5	674
AG PRESERVATION FUND (19)	15,414	15,040	15,022	15,200	15,265	15,266	15,304	15,610	16,376	77,821
PINE GROVE MILLS STREETLIGHTS (20)		0	0	21,500						0
CAPITAL RESERVE FUND (30)	756,859	996,759	903,040	1,750,000	805,237	953,750	603,804	604,810	605,918	3,573,519
REGIONAL CAPITAL PROJECTS FUND (31)	12,668	16,279	9,173	5,150	101,365	101,243	104,121	105,014	106,577	518,321
PARK IMPROVEMENT FUND (92)	72	56,103	64,290	10	335	336	337	675	1,357	3,041
TOTAL CAPITAL PROJECTS FUNDS REVENUE	2,125,900	2,672,792	5,398,137	3,080,333	2,215,716	2,334,563	2,006,469	2,007,070	2,025,898	10,589,716
SPECIAL REVENUE FUNDS										
STREET LIGHT FUND (02)	11,956	11,543	12,005	12,015	12,052	12,092	12,134	12,223	12,403	60,904
FIRE HYDRANT FUND (03)	32,933	33,023	33,868	32,015	32,099	32,191	32,289	38,493	38,971	174,044
LIQUID FUELS FUND (35)	415,796	388,611	398,471	389,300	452,746	452,951	453,143	454,487	457,150	2,270,477
TOTAL SPECIAL REVENUE FUNDS REVENUE	460,685	433,177	444,344	433,330	496,897	497,234	497,567	505,203	508,524	2,505,425
GENERAL OBLIGATION FUND REVENUE (16)	4,904,494	557,325	564,540	569,714	688,392	696,222	697,809	698,279	139,435	2,920,137
TOTAL REVENUES	16,716,639	13,064,000	16,482,773	13,174,108	12,751,692	12,869,941	12,606,868	12,546,923	12,029,827	62,805,251

FERGUSON TOWNSHIP
2013 - 2017 CIP GRANT REVENUE DETAIL-CASH BASIS

DESCRIPTION				ESTIMATED	PROJECTED					TOTAL 2013-
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2017
GENERAL FUND (01)										
PTCI Grant-Old Gatesburg Road			2,970,000							0
State Forest/Gameland	8,874	8,874	8,874	8,874	8,874	8,874	8,874	8,874	8,874	44,370
Purta Rebate	11,354	11,354	11,354	11,354	11,354	11,354	11,354	11,354	11,354	56,770
DUI Checkpoint	66,860	77,410	60,000	60,000	60,000	60,000	60,000	60,000	60,000	300,000
Pine Hall Development Reimbursement		250,000	1,024,000							0
Northeastern ITS Cable Right of Way		22,144	22,144	22,144	22,144	22,144	22,144	22,144	22,144	110,718
County Liquid Fuels Grant										0
TOTALS	87,088	369,782	4,096,372	102,372	102,372	102,372	102,372	102,372	102,372	511,858
GENERAL OBLIGATION FUND (16)										
Proceeds from 2009 Bond Issue		4,397,991								0
										0
TOTALS	0	4,397,991	0	0	0	0	0	0	0	0
CAPITAL RESERVE FUND (30)										
DEP Recycling Grants for Equipment	56,736									0
Sale of Equipment and Vehicles		2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	12,500
DCED Grant for Zoning Ordinance Re-write										0
DCED Grant for PW building #4	20,000									0
State College Bath Ruth League						25,000				25,000
Center County Visitor & Convention Bureau-Babe Ruth						25,000				25,000
Babe Ruth Fields-PA State						25,000				25,000
Babe Ruth Fields-SCASD						25,000				25,000
Babe Ruth Fields-West Penn Power						25,000				25,000
Babe Ruth Fields-Centre Foundation						25,000				25,000
CRPR grant Tudek shed				10,000						0
Tudek Trust funding				19,950						0
DCNR Grant-Tudek Park	100,000									0
TOTALS	176,736	2,500	2,500	32,450	2,500	152,500	2,500	2,500	2,500	162,500
REGIONAL CAPITAL RECREATION PROJECTS FUND (31)										
Developer Contributions (Lezzer Haubert)				100,000	101,000	102,010	103,030	104,060	105,101	515,202
TOTALS	0	0	0	100,000	101,000	102,010	103,030	104,060	105,101	515,202
LIQUID FUELS FUND (35)										
Liquid Fuels	357,734	357,734	343,180	406,700	406,700	406,700	406,700	406,700	406,700	2,033,500

FERGUSON TOWNSHIP
2013 - 2017 CIP GRANT REVENUE DETAIL-CASH BASIS

DESCRIPTION				ESTIMATED	PROJECTED					TOTAL 2013-
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2017
Liquid Fuels Turnback	45,120	45,120	45,120	45,120	45,120	45,120	45,120	45,120	45,120	225,600
TOTALS	402,854	402,854	388,300	451,820	451,820	451,820	451,820	451,820	451,820	2,259,100
PARK IMPROVEMENT FUND (92)										
										0
										0
TOTALS	0	0	0	0	0	0	0	0	0	0
GRAND TOTALS	666,678	5,173,127	4,487,172	686,642	657,692	808,702	659,722	660,752	661,793	3,448,660

FERGUSON TOWNSHIP																
2013 - 2017 CIP EXPENDITURE PROJECTIONS-CASH BASIS																
DESCRIPTION				ESTIMATED		PROJECTED										TOTAL
	2009	2010	2011	2012	%	2013	%	2014	%	2015	%	2016	%	2017	%	2013-2017
GENERAL FUND (01)																
OPERATIONS																
400-407 Admin, Legal, Finance, Tax, IT	481,954	647,948	648,430	731,819	12.9%	828,774	13.2%	853,637	3.0%	879,246	3.0%	905,623	3.0%	932,792	3.0%	4,400,072
408,414 Engineering, Planning & Zoning	522,147	540,655	560,496	590,151	5.3%	607,856	3.0%	626,092	3.0%	644,875	3.0%	664,221	3.0%	684,148	3.0%	3,227,192
409 Building, Utilities, Maintenance	126,449	125,173	141,904	121,478	-14.4%	125,122	3.0%	128,876	3.0%	132,742	3.0%	136,724	3.0%	140,826	3.0%	664,290
410-413,415-425 Police, Public Safety, Health & Welfare	2,338,400	2,129,294	2,300,399	2,247,199	-2.3%	2,314,615	3.0%	2,384,053	3.0%	2,455,575	3.0%	2,529,242	3.0%	2,605,119	3.0%	12,288,604
426-449 exc 447 Public Works	776,169	869,660	885,409	911,102	2.9%	938,435	3.0%	966,588	3.0%	995,586	3.0%	1,025,454	3.0%	1,056,218	3.0%	4,982,281
447 CATA	88,186	87,110	87,040	88,281	1.4%	90,929	3.0%	93,657	3.0%	96,467	3.0%	99,361	3.0%	102,342	3.0%	482,756
452-455 Parks & Recreation (less COG Debt)	452,220	449,195	474,822	558,560	17.6%	575,317	3.0%	592,577	3.0%	610,354	3.0%	628,665	3.0%	647,525	3.0%	3,054,438
456-469 COG and Other Agencies, Misc	444,349	313,308	455,219	457,262	0.4%	470,980	3.0%	485,109	3.0%	499,662	3.0%	514,652	3.0%	530,092	3.0%	2,500,495
472-491,495 Insurance & Benefits	1,166,041	991,052	1,416,481	1,365,003	-3.6%	1,405,953	3.0%	1,448,132	3.0%	1,491,576	3.0%	1,536,323	3.0%	1,582,413	3.0%	7,464,397
all Operating Additions						62,000	0.0%	63,860	3.0%	120,776	89.1%	124,399	3.0%	128,131	3.0%	499,166
TOTAL GENERAL FUND OPERATING EXPENSES	6,395,915	6,153,395	6,970,200	7,070,855	1.4%	7,419,981	4.9%	7,642,581	3.0%	7,926,859	3.7%	8,164,664	3.0%	8,409,606	3.0%	39,563,691
DETAIL OF GENERAL FUND TRANSFERS																0
492.002 To Street Light Fund (02)					0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
492.003 To Hydrant Fund (03)					0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
492.004 To TIF Fund (04)	1,233,291	1,347,346	1,480,564	1,260,183	-14.9%	1,278,772	1.5%	1,259,097	-1.5%	1,273,055	1.1%	1,269,174	-0.3%	1,266,210	-0.2%	6,346,308
492.016 To General Obligation Fund (16)	456,650	557,290	558,038	569,709	2.1%	688,392	20.8%	696,222	1.1%	697,809	0.2%	698,279	0.1%	139,435	-80.0%	2,920,137
492.019 To Ag Preservation Fund (19)	15,000	15,000	15,000	15,000	0.0%	15,000	0.0%	15,000	0.0%	15,000	0.0%	15,000	0.0%	15,000	0.0%	75,000
492.030 To Capital Reserve Fund (30)	549,000	949,000	841,000	1,850,000	120.0%	800,000	-56.8%	800,000	0.0%	600,000	-25.0%	600,000	0.0%	600,000	0.0%	3,400,000
492.035 To Liquid Fuels Fund (35)			1,300		0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
492.065/66 To Pension Funds (60/65)(net)	35,000	35,000	0	35,000	0.0%	36,050	3.0%	37,132	3.0%	38,246	3.0%	39,393	3.0%	40,575	3.0%	191,396
492.092 To Park Improvement Fund (92)		56,094			0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
TOTAL GENERAL FUND TRANSFERS	2,288,941	2,959,729	2,895,902	3,729,892	28.8%	2,818,214	-24.4%	2,807,451	-0.4%	2,624,110	-6.5%	2,621,846	-0.1%	2,061,220	-21.4%	\$ 12,932,841
TOTAL GENERAL FUND EXPENDITURES																
	8,684,856	9,113,124	9,866,102	10,800,747	9.5%	10,238,195	-5.2%	10,450,032	2.1%	10,550,969	1.0%	10,786,510	2.2%	10,470,826	-2.9%	52,496,532
CAPITAL PROJECTS FUNDS																
TRANSPORTATION IMPROVEMENT FUND (04)																
	1,015,121	792,331	3,703,469	2,200,000	-40.6%	5,242,000	138.3%	1,198,000	-77.1%	851,500	-28.9%	692,000	-18.7%	672,000	-2.9%	8,655,500
CONSTRUCTION FUND (17)																
	0	4,972	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
PINEY RIDGE FUND (18)																
	0	0	0	0	0.0%	0	0.0%	0	0.0%	88,500	0.0%	0	0.0%	0	0.0%	88,500
AG PRESERVATION FUND (19)																
	34,191	0	0	0	0.0%	15,000	0.0%	0	0.0%	15,000	0.0%	0	0.0%	15,000	0.0%	45,000
PINE GROVE MILLS STREETLIGHT (20)																
	0	0	0	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
CAPITAL RESERVE FUND (30)																
401/404 Administration/Legal	19,386	38,147	7,921	23,500	196.7%	37,500	59.6%	40,500	8.0%	30,700	-24.2%	0	0.0%	0	0.0%	108,700
402/403/407 Finance/Tax & IT	24,888	24,113	35,258	49,100	39.3%	200,000	307.3%	15,000	-92.5%	15,000	0.0%	15,000	0.0%	15,000	0.0%	260,000
409 Buildings & Grounds	123,912	16,357	24,347	86,000	253.2%	77,500	-9.9%	29,000	-62.6%	29,000	0.0%	29,000	0.0%	86,321	197.7%	250,821
410 Police	137,524	76,180	150,011	155,350	3.6%	187,915	21.0%	134,911	-28.2%	96,400	-28.5%	145,650	51.1%	138,750	-4.7%	703,626
414 Planning & Zoning	17,135	18,831		45,000	0.0%	195,000	333.3%	125,000	-35.9%	125,000	0.0%	125,000	0.0%	125,000	0.0%	695,000
408/430 Engineering & Public Works	269,777	333,428	137,115	283,300	106.6%	266,944	-5.8%	316,070	18.4%	303,891	-3.9%	300,009	-1.3%	302,874	1.0%	1,489,788
439 Road Projects	12,120	485,407		508,765	0.0%	110,000	-78.4%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	110,000
452 Parks & Recreation	49,920	51,169	435,610	485,500	11.5%	319,120	-34.3%	265,900	-16.7%	57,200	-78.5%	104,375	82.5%	43,400	-58.4%	789,995
480 Regional Capital Projects	0	0		0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
486 Self Insurance	1,104	3,270	5,555	6,000	8.0%	6,000	0.0%	6,000	0.0%	6,000	0.0%	6,000	0.0%	6,000	0.0%	30,000
TOTAL CAPITAL RESERVE FUND (30)	655,765	1,046,902	795,817	1,642,515	106.4%	1,399,979	-14.8%	932,381	-33.4%	663,191	-28.9%	725,034	9.3%	717,344	-1.1%	4,437,929
REGIONAL CAPITAL REC PROJECTS FUND (31)																
	0	0	0	0	0.0%	150,000	0.0%	150,000	0.0%	150,000	0.0%	150,000	0.0%	150,000	0.0%	750,000
PARK IMPROVEMENT FUND (92)																
	0	0	0	0	0.0%		0.0%		0.0%		0.0%		0.0%		0.0%	
TOTAL CAP. PROJ. FUNDS EXPENDITURES	1,705,078	1,844,205	4,499,286	3,842,515	-14.6%	6,806,979	77.1%	2,280,381	-66.5%	1,768,191	-22.5%	1,567,034	-11.4%	1,554,344	-0.8%	13,976,929
SPECIAL REVENUE FUNDS																
STREET LIGHT FUND (02)																
	11,075	11,762	11,134	10,500	-5.7%	10,815	3.0%	11,139	3.0%	11,473	3.0%	11,817	3.0%	12,172	3.0%	57,416

FERGUSON TOWNSHIP																
2013 - 2017 CIP EXPENDITURE PROJECTIONS-CASH BASIS																
DESCRIPTION				ESTIMATED		PROJECTED										TOTAL
	2009	2010	2011	2012	%	2013	%	2014	%	2015	%	2016	%	2017	%	2013-2017
GENERAL FUND (01)																
FIRE HYDRANT FUND (03)	27,975	28,050	28,140	28,050	-0.3%	28,892	3.0%	29,759	3.0%	30,652	3.0%	31,572	3.0%	32,519	3.0%	153,394
LIQUID FUELS FUND (35)	486,030	388,694	338,440	373,000	10.2%	371,000	-0.5%	376,000	1.3%	448,880	19.4%	455,000	1.4%	541,995	19.1%	2,192,875
TOTAL SPEC. REV. FUNDS EXPENDITURES	525,080	428,506	377,714	411,550	9.0%	410,707	-0.2%	416,898	1.5%	491,005	17.8%	498,389	1.5%	586,686	17.7%	2,403,685
GEN'L OB. FUND EXPENDITURES (16) (includes COG debt payments)	4,914,221	556,613	557,246	562,209	0.9%	688,392	22.4%	696,222	1.1%	697,809	0.2%	698,279	0.1%	139,435	-80.0%	2,920,137
TOTAL EXPENDITURES	15,829,234	11,942,448	15,300,348	15,617,021	2.1%	18,144,272	16.2%	13,843,533	-23.7%	13,507,974	-2.4%	13,550,212	0.3%	12,751,291	-5.9%	\$ 71,797,282

FERGUSON TOWNSHIP
2013 - 2017 CIP CAPITAL EXPENDITURES BY FUND-CASH BASIS
2013

		04	16	18	30	35	31	92	TOTAL
DESCRIPTION		Transport Improvement	General Obligation	Piney Ridge	Capital Reserve	Liquid Fuels	Reg Cap Rec Projects	Park Imprvment	
PROJECTS									
	Road Materials & Supplies					29,000			29,000
	Microsurfacing & select curb replacement					242,000			242,000
	Pavement markings					72,000			72,000
	Rosemont Drive				110,000				110,000
	Whitehall Road	3,900,000							3,900,000
	Cherry Lane	169,000							169,000
	Allen Street	57,000							57,000
	Old Gatesburg Road	449,000							449,000
	Aaron Drive	599,000							599,000
	Bristol Ave	68,000							68,000
									0
	Seal Bike Paths					28,000			28,000
									0
								0	
TOTAL PROJECTS		5,242,000	0	0	110,000	371,000	0	0	5,723,000

CAPITAL EQUIPMENT (30)									
401.075	Administration				37,500				37,500
40x.075	Finance/Tax & IT				200,000				200,000
409.075	Buildings & Grounds				77,500				77,500
410.075	Police				187,915				187,915
414.075	Planning & Zoning				195,000				195,000
430.075	Public Works				266,944				266,944
452.075	Parks & Recreation				319,120				319,120
486.356	Computer Self Insurance				6,000				6,000
									0
TOTAL CAPITAL EQUIPMENT		0	0	0	1,289,979	0	0	0	1,289,979

GENERAL OBLIGATION (16)									
47X.XXX	2009 Bond Debt Service		557,888						557,888
	COG Pools Debt Service		130,743						130,743

FERGUSON TOWNSHIP
2013 - 2017 CIP CAPITAL EXPENDITURES BY FUND-CASH BASIS
2013

		04	16	18	30	35	31	92	TOTAL
DESCRIPTION		Transport Improvement	General Obligation	Piney Ridge	Capital Reserve	Liquid Fuels	Reg Cap Rec Projects	Park Imprvment	
	COG Parks Debt Service		(239)				150,000		149,761 0 0
TOTAL DEBT SERVICE		0	688,392	0	0	0	150,000	0	838,392
GRAND TOTAL 2013		5,242,000	688,392	0	1,399,979	371,000	150,000	0	7,851,371

FERGUSON TOWNSHIP
2013 - 2017 CIP CAPITAL EQUIPMENT DETAIL-CASH BASIS
2013

401 Administration	
Replace Board of Supervisor chairs	10,000
Team building facilitator	2,500
Customer Service Tracking Software	25,000
Totals	37,500

402, 403 & 407 Finance & IT	
PCs/Laptops/Tablets (avg \$1,500)	12,000
Software Upgrades/Replacement	3,000
Replace accounting software	125,000
New server for accounting software & OS	10,000
Replace telephone system	40,000
Replace one server (end of life)	10,000
Totals	200,000

486 Self Insurance	
Computer Self Insurance	6,000
Totals	6,000

Page Total	1,289,979
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409 Buildings & Grounds	
Building Equipment Maintenance Appropriation	27,000
Fitness Equipment Sinking Fund	2,000
Seal/stripe parking lot	5,000
New Shingle Roof on salt shed	40,000
Door closing sensors 8 doors PW building 1	3,500
Totals	77,500

410 Police	
Police Vehicle & Accessories (3)	108,225
Uniforms & Equipment (5)	7,000
Sinking Fund Vehicle Equipment	20,000
Cell Phone Forensic Investigation Unit	12,600
Property Storage Upgrades (accreditation)	7,120
Shotguns for patrol cars (3)	2,700
replacement gas mask filters	1,500
less lethal munitions/chemical munitions	3,000
patrol car mechanic diagnostic tool	5,000
replacement stocks for m-16 rifles	1,500
share of shooting range	2,500
records management system final payment	16,770
Totals	187,915

414 Planning & Zoning	
Streetscape Improvement Allocation	75,000
Rewrite of Land Use Ordinances	70,000
Bicycle and Pedestrian Infrastructure funding	50,000
Totals	195,000

430 Public Works	
Public Works Capital Fund Appropriation	212,079
Emergency backup power for traffic lights with LEDs (2)	17,850
Traffic Signal LEDs (24 x 150 x 2)	8,925
UPS battery replacements	1,890
Color Plotter	11,000
Power Washer	4,700
V-plow	3,500
Automatic Salt Controllers for Snow Plows (2)	7,000
Totals	266,944

452 Parks & Recreation	
Regional Capital Parks Development	financed
Westfield/Hillside Farm Estates Park (2/2)	200,000
Park Trees (various locations: 20 trees installed)	8,800
Park Amenities (benches, trash containers, grills, doggie stations)	12,763
Playground Safety & Update Program	31,907
Replace picnic pavillion Homestead park	34,650
Replace playground equipment Homestead Park	31,000
Totals	319,120

FERGUSON TOWNSHIP
2013 - 2017 CIP CAPITAL EXPENDITURES BY FUND-CASH BASIS
2014

		04	16	18	30	35	31	92	TOTAL
DESCRIPTION		Transport Improvement	General Obligation	Piney Ridge	Capital Reserve	Liquid Fuels	Reg Cap Rec Projects	Park Imprvment	
PROJECTS									
	Road Materials & Supplies					31,000			31,000
	Microsurfacing & select curb replacement					266,000			266,000
	Pavement markings					79,000			79,000
									0
	Westerly Parkway	245,000							245,000
	Blue Course Drive	432,000							432,000
	Vairo Blvd	271,000							271,000
	Bristol Ave	250,000							250,000
									0
									0
									0
	TOTAL PROJECTS		1,198,000	0	0	0	376,000	0	0

CAPITAL EQUIPMENT (30)									
401.075	Administration				40,500				40,500
40x.075	Finance/Tax & IT				15,000				15,000
409.075	Buildings & Grounds				29,000				29,000
410.075	Police				134,911				134,911
414.075	Planning & Zoning				125,000				125,000
430.075	Public Works				316,070				316,070
452.075	Parks & Recreation				265,900				265,900
486.356	Computer Self Insurance				6,000				6,000
									0
TOTAL CAPITAL EQUIPMENT		0	0	0	932,381	0	0	0	932,381

GENERAL OBLIGATION (16)									
47X.XXX	2009 Bond Debt Service		556,825						556,825
	COG Pools Debt Service		130,744						130,744
	COG Parks Debt Service		8,653				150,000		158,653
									0
									0

FERGUSON TOWNSHIP
2013 - 2017 CIP CAPITAL EXPENDITURES BY FUND-CASH BASIS
2014

	<i>04</i>	<i>16</i>	<i>18</i>	<i>30</i>	<i>35</i>	<i>31</i>	<i>92</i>	
<i>DESCRIPTION</i>	<i>Transport Improvement</i>	<i>General Obligation</i>	<i>Piney Ridge</i>	<i>Capital Reserve</i>	<i>Liquid Fuels</i>	<i>Reg Cap Rec Projects</i>	<i>Park Imprvment</i>	<i>TOTAL</i>
TOTAL DEBT SERVICE	0	696,222	0	0	0	150,000	0	846,222
GRAND TOTAL 2014	1,198,000	696,222	0	932,381	376,000	150,000	0	3,352,603

FERGUSON TOWNSHIP
2013 - 2017 CIP CAPITAL EQUIPMENT DETAIL-CASH BASIS
2014

401 Administration	
Replace Manager's vehicle	23,500
Update Salary and Wage Study	17,000
Totals	40,500

402, 403 & 407 Finance & IT	
PCs/Laptops/Tablets (avg \$1,500)	12,000
Software Upgrades/Replacement	3,000
Totals	15,000

486 Self Insurance	
Computer Self Insurance	6,000
Totals	6,000

Page Total	932,381
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409 Buildings & Grounds	
Building Equipment Maintenance Appropriation	27,000
Fitness Equipment Sinking Fund	2,000
Totals	29,000

410 Police	
Police Vehicle & Accessories (3)	106,200
Sinking Fund Vehicle Equipment	20,000
X2 Tazers (3)	3,900
Shotguns for patrol cars (2)	1,800
Building surveillance camera additions	3,011
Totals	134,911

414 Planning & Zoning	
Streetscape Improvement Allocation	75,000
Bicycle and Pedestrian Infrastructure funding	50,000
Totals	125,000

430 Public Works	
Public Works Capital Fund Appropriation	222,683
Emergency backup power for traffic lights with LEDs (2)	18,743
Traffic Signal LEDs (24 x 150 x 2)	9,371
UPS battery replacements	1,985
Zero turn mower	17,000
Automatic Salt Controllers for Snow Plows (2)	7,700
Used Bucket Truck	38,588
Totals	316,070

452 Parks & Recreation	
Regional Capital Parks Development	financed
S&A Babe Ruth Field Improvements	175,000
Replace Picnic Pavillion Greenbriar/Saybrook	36,400
Park Trees (various locations)	9,200
Park Amenities (benches, trash containers, grills, doggie stations)	13,400
Playground Safety & Update Program	31,900
Totals	265,900

FERGUSON TOWNSHIP
2013 - 2017 CIP CAPITAL EXPENDITURES BY FUND-CASH BASIS
2015

		04	16	18	30	35	31	92	TOTAL
DESCRIPTION		Transport Improvement	General Obligation	Piney Ridge	Capital Reserve	Liquid Fuels	Reg Cap Rec Projects	Park Imprvment	
PROJECTS									
	Road Materials & Supplies					35,000			35,000
	Microsurfacing & select curb replacement					293,000			293,000
	Pavement markings					87,000			87,000
	Circleville Road	120,000							120,000
	Kansa, Delaware, Wyondott, Wyoming (Piney Ridge)	360,500		88,500					449,000
	Suburban Ave	202,000							202,000
	Gateway Drive	169,000							169,000
									0
	Seal Bike Paths					33,880			33,880
									0
									0
									0
TOTAL PROJECTS		851,500	0	88,500	0	448,880	0	0	1,388,880

CAPITAL EQUIPMENT (30)									
401.075	Administration				30,700				30,700
40x.075	Finance/Tax & IT				15,000				15,000
409.075	Buildings & Grounds				29,000				29,000
410.075	Police				96,400				96,400
414.075	Planning & Zoning				125,000				125,000
430.075	Public Works				303,891				303,891
452.075	Parks & Recreation				57,200				57,200
486.356	Computer Self Insurance				6,000				6,000
									0
TOTAL CAPITAL EQUIPMENT		0	0	0	663,191	0	0	0	663,191

GENERAL OBLIGATION (16)									
47X.XXX	2009 Bond Debt Service		558,363						558,363
	COG Pools Debt Service		130,746						130,746
	COG Parks Debt Service		8,700				150,000		158,700

FERGUSON TOWNSHIP
2013 - 2017 CIP CAPITAL EXPENDITURES BY FUND-CASH BASIS
2015

		<i>04</i>	<i>16</i>	<i>18</i>	<i>30</i>	<i>35</i>	<i>31</i>	<i>92</i>	<i>TOTAL</i>
<i>DESCRIPTION</i>		<i>Transport Improvement</i>	<i>General Obligation</i>	<i>Piney Ridge</i>	<i>Capital Reserve</i>	<i>Liquid Fuels</i>	<i>Reg Cap Rec Projects</i>	<i>Park Imprvment</i>	
									0
									0
TOTAL DEBT SERVICE		0	697,809	0	0	0	150,000	0	847,809
GRAND TOTAL 2015		851,500	697,809	88,500	663,191	448,880	150,000	0	2,899,880

FERGUSON TOWNSHIP
2013 - 2017 CIP CAPITAL EQUIPMENT DETAIL-CASH BASIS
2015

401 Administration	
Overhead Projector-Main Meeting Room	3,700
Replace conference room chairs (10)	10,000
Community Survey Revisited	17,000
Totals	30,700

402, 403 & 407 Finance & IT	
PCs/Laptops/Tablets (avg \$1,500)	12,000
Software Upgrades/Replacement	3,000
Totals	15,000

486 Self Insurance	
Computer Self Insurance	6,000
Totals	6,000

Page Total	663,191
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409 Buildings & Grounds	
Building Equipment Maintenance Appropriation	27,000
Fitness Equipment Sinking Fund	2,000
Totals	29,000

410 Police	
Police Vehicle & Accessories (2)	70,800
Uniforms & Equipment	3,000
Sinking Fund Vehicle Equipment	20,000
X-2 Tasers (2)	2,600
Totals	96,400

414 Planning & Zoning	
Streetscape Improvement Allocation	75,000
Bicycle and Pedestrian Infrastructure funding	50,000
Totals	125,000

430 Public Works	
Public Works Capital Fund Appropriation	233,817
Emergency backup power for traffic lights with LEDs (2)	19,680
Traffic Signal LEDs (24 x 150 x 2)	9,840
UPS battery replacements	2,084
Replace IM-101 asphalt patch trailer	18,000
New crack router	12,000
Automatic Salt Controllers for Snow Plows (2)	8,470
Totals	303,891

452 Parks & Recreation	
Regional Capital Parks Development	financed
Park Trees (various locations)	9,700
Park Amenities (benches, trash containers, grills, doggie stations)	14,000
Playground Safety & Update Program	33,500
Totals	57,200

FERGUSON TOWNSHIP
2013 - 2017 CIP CAPITAL EXPENDITURES BY FUND-CASH BASIS
2016

		04	16	18	30	35	31	92	TOTAL
DESCRIPTION		Transport Improvement	General Obligation	Piney Ridge	Capital Reserve	Liquid Fuels	Reg Cap Rec Projects	Park Imprvment	
PROJECTS									
	Road Materials & Supplies					38,000			38,000
	Microsurfacing & select curb replacement					322,000			322,000
	Pavement markings					95,000			95,000
									0
	Circleville Road	264,000							264,000
	Highland Alley	50,000							50,000
	Science Park Court	278,000							278,000
	Airport Road	100,000							100,000
									0
									0
									0
									0
TOTAL PROJECTS		692,000	0	0	0	455,000	0	0	1,147,000

CAPITAL EQUIPMENT (30)									
401.075	Administration				0				0
40x.075	Finance/Tax & IT				15,000				15,000
409.075	Buildings & Grounds				29,000				29,000
410.075	Police				145,650				145,650
414.075	Planning & Zoning				125,000				125,000
430.075	Public Works				300,009				300,009
452.075	Parks & Recreation				104,375				104,375
486.356	Computer Self Insurance				6,000				6,000
									0
TOTAL CAPITAL EQUIPMENT		0	0	0	725,034	0	0	0	725,034

GENERAL OBLIGATION (16)									
47X.XXX	2009 Bond Debt Service		558,856						558,856
	COG Pools Debt Service		130,745						130,745
	COG Parks Debt Service		8,678				150,000		158,678
									0

FERGUSON TOWNSHIP
2013 - 2017 CIP CAPITAL EXPENDITURES BY FUND-CASH BASIS
2016

		04	16	18	30	35	31	92	TOTAL
DESCRIPTION		Transport Improvement	General Obligation	Piney Ridge	Capital Reserve	Liquid Fuels	Reg Cap Rec Projects	Park Imprvment	
									0
TOTAL DEBT SERVICE		0	698,279	0	0	0	150,000	0	848,279
GRAND TOTAL 2016		692,000	698,279	0	725,034	455,000	150,000	0	2,720,313

FERGUSON TOWNSHIP
2013 - 2017 CIP CAPITAL EQUIPMENT DETAIL-CASH BASIS
2016

401 Administration	
Totals	0

402, 403 & 407 Finance & IT	
PCs/Laptops/Tablets (avg \$1,500)	12,000
Software Upgrades/Replacement	3,000
Totals	15,000

486 Self Insurance	
Computer Self Insurance	6,000
Totals	6,000

Page Total	725,034
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409 Buildings & Grounds	
Building Equipment Maintenance	27,000
Fitness Equipment Sinking Fund	2,000
Totals	29,000

410 Police	
Police Vehicle & Accessories (3)	118,050
Sinking Fund Vehicle Equipment	20,000
Uniforms and Equipment	5,000
X-2 Tazers (2)	2,600
Totals	145,650

414 Planning & Zoning	
Streetscape Improvement Allocation	75,000
Bicycle and Pedestrian Infrastructure funding	50,000
Totals	125,000

430 Public Works	
Public Works Capital Fund Appropriation	245,508
Emergency backup power for traffic lights with LEDs	20,664
Traffic Signal LEDs (24 x 150 x 2)	10,332
UPS battery replacements	2,188
Replace IM-505 Bat Wing Mower	12,000
Automatic Salt Controllers for Snow Plows (2)	9,317
Totals	300,009

452 Parks & Recreation	
Regional Capital Parks Development	financed
Replace Picnic Pavillion Meadow Park	38,200
Baseball Upgrades Suburban Park	6,300
Park Trees (various locations)	10,000
Park Amenities (benches, trash containers, grills, doggie stations)	14,700
Playground Safety & Update Program	35,175
Totals	104,375

FERGUSON TOWNSHIP
2013 - 2017 CIP CAPITAL EXPENDITURES BY FUND-CASH BASIS
2017

		04	16	18	30	35	31	92	TOTAL
DESCRIPTION		Transport Improvement	General Obligation	Piney Ridge	Capital Reserve	Liquid Fuels	Reg Cap Rec Projects	Park Imprvment	
PROJECTS									
									0
	Road Materials & Supplies					42,000			42,000
	Microsurfacing & select curb replacement					354,000			354,000
	Pavement markings					105,000			105,000
									0
	Abby Place	47,000							47,000
	Park Lane	122,000							122,000
	Appletree Circle	59,000							59,000
	Owens	167,000							167,000
	Pine Hall Court	110,000							110,000
	Aveberry Circle	111,000							111,000
	Myrtle Ave	56,000							56,000
									0
	Seal Bike Paths					40,995			40,995
									0
									0
TOTAL PROJECTS		672,000	0	0	0	541,995	0	0	1,213,995

CAPITAL EQUIPMENT (30)									
401.075	Administration				0				0
40x.075	Finance/Tax & IT				15,000				15,000
409.075	Buildings & Grounds				86,321				86,321
410.075	Police				138,750				138,750
414.075	Planning & Zoning				125,000				125,000
430.075	Public Works				302,874				302,874
452.075	Parks & Recreation				43,400				43,400
486.356	Computer Self Insurance				6,000				6,000
									0
TOTAL CAPITAL EQUIPMENT		0	0	0	717,344	0	0	0	717,344

GENERAL OBLIGATION (16)									
47X.XXX	2009 Bond Debt Service								0

FERGUSON TOWNSHIP
2013 - 2017 CIP CAPITAL EXPENDITURES BY FUND-CASH BASIS
2017

		<i>04</i>	<i>16</i>	<i>18</i>	<i>30</i>	<i>35</i>	<i>31</i>	<i>92</i>	<i>TOTAL</i>
<i>DESCRIPTION</i>		<i>Transport Improvement</i>	<i>General Obligation</i>	<i>Piney Ridge</i>	<i>Capital Reserve</i>	<i>Liquid Fuels</i>	<i>Reg Cap Rec Projects</i>	<i>Park Imprvment</i>	
	COG Pools Debt Service		130,748						130,748
	COG Parks Debt Service		8,687				150,000		158,687
									0
									0
TOTAL DEBT SERVICE		0	139,435	0	0	0	150,000	0	289,435
GRAND TOTAL 2017		672,000	139,435	0	717,344	541,995	150,000	0	2,220,774

FERGUSON TOWNSHIP
2013 - 2017 CIP CAPITAL EQUIPMENT DETAIL-CASH BASIS
2017

401 Administration	
Totals	0

402, 403 & 407 Finance & IT	
PCs/Laptops/Tablets (avg \$1,500)	12,000
Software Upgrades/Replacement	3,000
Totals	15,000

486 Self Insurance	
Computer Self Insurance	6,000
Totals	6,000

Page Total	717,344
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409 Buildings & Grounds	
Building Equipment Maintenance Appropriation	27,000
Fitness Equipment Sinking Fund	2,000
100 KW Generator Upgrade	50,000
Seal/stripe parking lot	7,321
Totals	86,321

410 Police	
Police Vehicle & Accessories (3)	111,150
Sinking Fund Vehicle Equipment	20,000
Uniforms & Equipment	5,000
X-2 Tazers (2)	2,600
Totals	138,750

414 Planning & Zoning	
Streetscape Improvement Allocation	75,000
Bicycle and Pedestrian Infrastructure funding	50,000
Totals	125,000

430 Public Works	
Public Works Capital Fund Appropriation	257,783
Emergency backup power for traffic lights with LEDs (2)	21,697
Traffic Signal LEDs (24 x 150 x 2)	10,848
UPS battery replacements	2,297
Automatic Salt Controllers for Snow Plows (2)	10,249
Totals	302,874

452 Parks & Recreation	
Regional Capital Parks Development	financed
Baseball Upgrades Fairbrook Park	6,500
Playground Safety & Update Program	36,900
Totals	43,400

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

ADMINISTRATION DEPARTMENT NARRATIVE

The total proposed Administration capital costs for the 2013 to 2017 CIP is **\$108,700** or **0.8%** of the total capital expenditures for the five years.

2013

<u>Replacement of Meeting Room Board Chairs</u> Ten meeting room chairs will now be 20 years old. Various Boards and Commissions, staff training and regional groups using the meeting room, use these chairs frequently. The fabric covered chairs are tilt/height adjustable. Replacement with high-grade chairs is recommended and depending on manufacturer, model, finishes and discounts these chairs could range from \$500 - \$1,000 per chair.	\$10,000
<u>Team Building Facilitator</u> A result of the Community Survey was a perception by the respondents that the Board and staff need to develop better cohesiveness, improve approaches, communication and dialogue with citizens during public meetings and finally to implement the Strategic Plan mission, vision, core values, goals and objects. Using an experienced consultant to facilitate this development is suggested.	\$2,500
<u>Customer Service Tracking Software</u> In order to track incoming request for services, resolution of problems and develop a database of common issues, and responsiveness of assigned staff a program designed to track the incoming requests for services and the close out of these requests is requested. This software will help provide some metrics on the responsiveness staff has with customer requests.	\$25,000

2014

<u>Replace Manager's Vehicle</u> The Manager's existing vehicle will be transferred to the Public Works/Engineering department or Criminal Investigations and one of the existing vehicles will be rotated out. Hybrid type models will be considered for purchase. Strategic Plan:	\$23,500
<u>Update of Salary Study</u> In 2005, the McGrath Consulting Group completed a salary study for several of the Centre Region Municipalities and the Centre Region COG. This study will be 10 years old once the results of an update are received. It is recommended that an update of the study be completed to keep wages competitive with surrounding employers. Strategic Plan:	\$17,000

2015

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

<p><u>Replacement of Overhead Projector in Main Meeting Room</u></p> <p>The overhead projector in the Main Meeting Room will be 10 years old at this point in time. The unit may have reached its useful life and may need to be replaced.</p> <p>Strategic Plan:</p>	\$3,700
<p><u>Replacement of Conference Room Chairs</u></p> <p>Ten conference room chairs will now be 23 years old. Board and staff meeting in the conference room, use these chairs frequently. The fabric covered chairs are tilt/height adjustable. Replacement with high-grade chairs is recommended and depending on manufacturer, model, finishes and discounts these chairs could range from \$500 - \$1,000 per chair.</p> <p>Strategic Plan</p>	\$10,000
<p><u>Community Survey</u></p> <p>In 2012, the Township received the results of its first Community Survey in 20+ years. In order to evaluate the impact of changes implemented since the 2012 survey a follow up survey should be conducted. The Township should consider utilizing Penn State University resources or the ICMA National Citizens Survey, which allows a municipality to benchmark against peer municipal operations of similar size, services provided, and population.</p> <p>Strategic Plan:</p>	\$17,000
2016	
Nothing budgeted for the current year	
2017	
Nothing budgeted for the current year	

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

FINANCE, TAX, INFORMATION TECHNOLOGY & DEBT SERVICE DEPARTMENT NARRATIVE

The total proposed Finance, Tax and Information Technology capital costs for the 2013 to 2017 CIP is **\$260,000** or **1.9%** of the total capital expenditures for the five years. This total includes the cost of replacing the accounting system. It also includes the cost of computer hardware and software along with \$ 6,000 per year for a computer self-insurance program. By not participating in many company sponsored maintenance agreements for printers and computers, the Township can save money by repairing only what actually needs repaired or replaced.

The total debt service for the five years is **\$2,920,137** representing **4.1%** of the total expenditures.

FINANCE & TAX ITEMS

1. The Centre Tax Agency is collecting the Earned Income Taxes for the Township beginning in 2012. The current contract is for 3 years. The Tax Collection Committee is responsible for the Tax Collector agreement. The State believes that the new Act will increase employer withholdings and increase collections. The Finance Department is closely watching this. Previous years late filers and delinquent taxpayers will still need to be collected by the Township.
2. The Tax Office staff has been reduced by one by transferring staff to Administration and Finance with a 50% split and eliminating the part time position in Administration. This half person will improve internal controls by improving segregation of duties as well as relieving workload.
3. The Finance Department selected a consultant to assist in replacing the current accounting software. Susquehanna Group Advisors is an accounting and finance firm that has assisted several Pennsylvania municipalities in replacing their accounting software with an ERP (Enterprise Resource Planning) integrated system. The current timeline is to be live with a new system January 2014.

The current Township software is 20 years old and beyond the end of its useful life. Current packages provide for much better reporting capabilities and reduced duplication of efforts by not having multiple spreadsheets to track wage rates, project costs, fixed assets, etc., since many are fully integrated. In addition, since they are MS Windows based, it is recommended to eliminate the IBM system when the tax office no longer needs it. Training and conversion of existing data will be included in the timing of the implementation.

4. Continue the document imaging process with invoices and deposits. With four years of documents in the system, it will save considerable space in the storage area in the basement. It may make sense to image the remaining (after record disposition) historical Tax Office information where possible to gain easy access and reduce storage space as well. May consider linking Docuware to MS Outlook to provide storage space for emails. Since email is not a good place to store documents and history, due to the concept and design of email systems, having some other means of saving documents is open for discussion. Docuware has an interface to do this.

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

INFORMATION TECHNOLOGY ITEMS

1. The Township has a multi-tiered computer replacement system. There are a few high end users, the majority are mid-level users and there are a few basic users (however this is shrinking over time as more people are becoming avid users) depending on the task requirements. The high end users PCs are typically replaced on a 3-year schedule rather than the average 5-year schedule. These PCs are also equipped with state of the art components and cost significantly more than the average PC. The budget is based on the combined average of 5 years. As the technology improves, it is currently possible to purchase pcs that can perform significantly more tasks than previously. It is now practical to run multiple applications simultaneously, and along with dual monitors, user's productivity is improved. Many software applications also require greater computing power than in the past that require more powerful pcs.
2. Since the computers need to be productive over their life span, the speed of technological change, the time and effort in setting up a new pc, and the cost, it may now make sense to reduce the replacement schedule to 4 years from 5. The overall cost would be about the same, but the users would have newer technology.
3. PCs will be purchased or rotated to a user based upon the oldest date of purchase and user need. When due for replacement, the existing PC could then be sold, stripped for parts or disposed. The budget does not consider additional PCs unless specifically mentioned.
4. It is also recommended that the Township consider tablet pcs for the Board of Supervisors and for staff for portable use. The cost is less than ½ of laptops and they provide essentially all of the computing power required for Supervisors' needs. Many government entities are already standardizing on this platform for these reasons and many more are choosing this path.
5. The Township is waiting for the Centre Region Codes office to select a replacement for GeoPlan. At this time, it appears that the new software will be tied to the State College Borough system, Tyler. Since Codes will own the software and the municipalities do not generally fund the Codes agency, there should be little or no cost to the Township.

GENERAL OBLIGATION FUND ITEMS

1. The Township currently has one bond obligation with a 20-year term, series 2009, in the face amount of \$4,435,000. The principal balance on this bond at 12/31/2011 is \$3,090,000. The last payment is due June 2017.
2. The Centre Region Council of Governments has loan obligations for the projects. Ferguson Township's portion is based on the COG Parks and Rec formula at the time of the loan.
 - a. The pool projects balance at 12/31/2011 was \$6,067,000. The interest rate is fixed at 3.95% with a term of 16 years ending in 2028.
 - b. The available financing of the Whitehall and Oak Hall parks projects is currently \$7,002,000 with no outstanding balance. The term is 20 years, ending in 2031, with an interest rate between 3.15% and 6% over the life of the loan.

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

2013

Replace Accounting Software

\$125,000

The IBM i-series computer system is used for both the EIT collection in the Tax Office and the accounting system for the Finance Office. With the Centre Tax Agency currently collecting EIT taxes, there is limited need for this system. At the scheduled time of replacement, it would make sense to move the accounting package over to a Windows based system, which is far more common, flexible and powerful. The replacement software in the marketplace is becoming more and more integrated with other department's needs. As a result, the Township should consider a more integrated system to improve cross department activities and communications. In the past, these systems were well beyond the affordability of the Township. However, as these systems become more commonplace, their prices are lowering. The Township can benefit from such integration by reducing data entry duplication into separate systems, reducing the number of systems and related hardware/software by consolidating them into one, provide consistent data since there is one database rather than several, more accurate data since the users will correct any discrepancies across the system, rather than just individual databases. Locating, identifying and procuring such a system will take significant time and effort requiring input from many, if not all, departments.

Given that most current systems are modular, it is possible to select only the modules that are needed. Implementing the system will need to be planned to minimize disruptions caused by implementing a new system, with technical issues, training, learning curves, etc. The budget is based on the following modules.

MODULES	DESCRIPTION
Accounts Payable	Enter bills and issue checks to pay vendors
Accounts Receivable	Prepare invoices and collect payments from customers
Budget Forecasting	Detailed budget information
Fixed Assets	Tracks long term assets and allows cost depreciation calculations
Central Cash Receipts	Cash management and reconciliation for multiple banks accounts
Financial Reporting Module	Customizable reports for management needs
General Ledger	System core for all accounting transactions
Human Resources	Provides detailed employee information
Payroll	Computes payroll, deductions and payroll taxes
Project Grant Reporting	Provides detailed tracking/reporting of projects
Purchase Orders	Management of purchasing
Remote Time Entry	Allows employees/supervisors to enter time sheets

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

	directly into accounting system		
Requisitions	Allows employees to complete requisitions directly into accounting system		
<p>The cost and work involved in maintaining multiple systems can be substantial. With one or fewer systems, the Township would not have to pay duplicate fees for the cost of the individual software packages and maintenance, the IT cost to install and maintain several systems, the computer hardware required for multiple systems, nor would it require duplicate data entry and maintenance. The initial cost of such as system may be higher, but the total lifetime cost could be substantially less than the cost of maintaining multiple systems. The communication between departments will be enhanced, as employees are able to work on the same system using the same data. Such an integrated system could act as a catalyst for team building among departments resulting in a more efficiently operating Township and improving cross department communications.</p>			
<u>Replace PCs/Laptops/Tablets (8-10 pcs)(includes office software)</u>			\$12,000
This is a continuation of the replacement schedule for personal computers and tablets. This includes a pc for the Planning Assistant. The community coordinator can use an existing available laptop.			
<u>Software/Server upgrades/replacement (for 40+- users)</u>			\$3,000
This is to provide funding for Software/Server upgrades/replacement for the various Windows, Office Suites, Adobe, FrontPage, Access, Publisher software as they become obsolete. It does not include annual maintenance agreements, which are included in the operating budget.			
<u>Replace IBM I-series with Windows Server</u>			\$10,000
The i-series server will most likely not be needed after changing to Windows accounting software. This replaces it with a Windows based server. The cost of the operating system is included.			
<u>Replace One Server</u>			\$10,000
The current servers are nearing the end of their operating life of 5 to 7 years. This is to replace one server and includes Windows Server operating system.			
<u>Accounting Server</u>			\$10,000
By eliminating the IBM server, a new windows based server will be required for the accounting system. This includes the cost of the operating system as well.			
<u>Replace Telephone System</u>			\$40,000
The telephone system will be 9 years old at this time and has not been supported since 2011. Equipment is beginning to fail and some parts are not available. Given the rapid change in technology, as of this writing, the trend is to VOIP (Voice Over Internet Protocol) which essentially is computerized telephones that allow mobile applications, internet capabilities, and more.			
<u>Computer Self Insurance</u>			\$6,000

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

This is in lieu of third party insurance for repairs and replacement of computer system hardware.

Debt Service

The Township currently has three debt service payments that directly affect the long-term finances of the Township. The debt service payments for the current year are as follows:

Description	Face	Term	Township Portion	Annual Payments
Series 2009 Bond	\$4,435,000	20 years	100%	\$558,088
COG Pools Loan	\$6,067,000	20 years	26.84%	\$165,540
COG Parks Loan	\$7,002,000	20 years	28.04%	\$151,888

This debt payment represents approximately 10% of the Township's general fund operating budget of \$8.5 million (less interfund transfers)

\$875,515

2014

Replace PCs/Laptops (8-10 pcs)(includes office software)

This is a continuation of the replacement schedule for personal computers and tablets.

\$12,000

Software/Server upgrades/replacement (for 40+- users)

This is to provide funding for Software/Server upgrades/replacement for the various Windows, Office Suites, Adobe, FrontPage, Access, Publisher software as they become obsolete. It does not include annual maintenance agreements, which are included in the operating budget.

\$3,000

Computer Self Insurance

This is in lieu of third party insurance for repairs and replacement of computer system hardware.

\$6,000

Debt Service

The Township currently has three debt service payments that directly affect the long-term finances of the Township. The debt service payments for the current year are as follows:

Description	Face	Term	Township Portion	Annual Payments
Series 2009 Bond	\$4,435,000	20 years	100%	\$556,825
COG Pools Loan	\$6,067,000	20 years	26.84%	\$165,540
COG Parks Loan	\$7,002,000	20 years	28.04%	\$151,888

This debt payment represents approximately 10% of the Township's general fund operating budget of \$8.5 million (less interfund transfers)

\$874,253

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

2015																									
<u>Replace PCs/Laptops/Tablets (8-10 pcs)(includes office software)</u> This is a continuation of the replacement schedule for personal computers and tablets.					\$12,000																				
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<u>Debt Service</u> The Township currently has three debt service payments that directly affect the long-term finances of the Township. The debt service payments for the current year are as follows: <table border="1" data-bbox="247 823 1488 974"><thead><tr><th>Description</th><th>Face</th><th>Term</th><th>Township Portion</th><th>Annual Payments</th></tr></thead><tbody><tr><td>Series 2009 Bond</td><td>\$4,435,000</td><td>20 years</td><td>100%</td><td>\$558,363</td></tr><tr><td>COG Pools Loan</td><td>\$6,067,000</td><td>20 years</td><td>26.84%</td><td>\$165,540</td></tr><tr><td>COG Parks Loan</td><td>\$7,002,000</td><td>20 years</td><td>28.04%</td><td>\$151,888</td></tr></tbody></table> This debt payment represents approximately 10.3% of the Township’s general fund operating budget of \$8.5 million (less interfund transfers)					Description	Face	Term	Township Portion	Annual Payments	Series 2009 Bond	\$4,435,000	20 years	100%	\$558,363	COG Pools Loan	\$6,067,000	20 years	26.84%	\$165,540	COG Parks Loan	\$7,002,000	20 years	28.04%	\$151,888	\$875,791
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FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

Debt Service

The Township currently has three debt service payments that directly affect the long-term finances of the Township. The debt service payments for the current year are as follows:

Description	Face	Term	Township Portion	Annual Payments
Series 2009 Bond	\$4,435,000	20 years	100%	\$558,856
COG Pools Loan	\$6,067,000	20 years	26.84%	\$165,540
COG Parks Loan	\$7,002,000	20 years	28.04%	\$151,888

This debt payment represents approximately 10% of the Township's general fund operating budget of \$8.5 million (less interfund transfers)

\$876,284

2017

Replace PCs/Laptops/Tablets (8-10 pcs)(includes office software)

This is a continuation of the replacement schedule for personal computers and tablets.

\$12,000

Software/Server upgrades/replacement (for 40+- users)

This is to provide funding for Software/Server upgrades/replacement for the various Windows, Office Suites, Adobe, FrontPage, Access, Publisher software as they become obsolete. It does not include annual maintenance agreements, which are included in the operating budget.

\$3,000

Computer Self Insurance

This is in lieu of third party insurance for repairs and replacement of computer system hardware.

\$6,000

Debt Service

The Township currently has three debt service payments that directly affect the long-term finances of the Township. The debt service payments for the current year are as follows:

Description	Face	Term	Township Portion	Annual Payments
Series 2009 Bond	\$4,435,000	20 years	100%	\$558,250
COG Pools Loan	\$6,067,000	20 years	26.84%	\$165,540
COG Parks Loan	\$7,002,000	20 years	28.04%	\$151,888

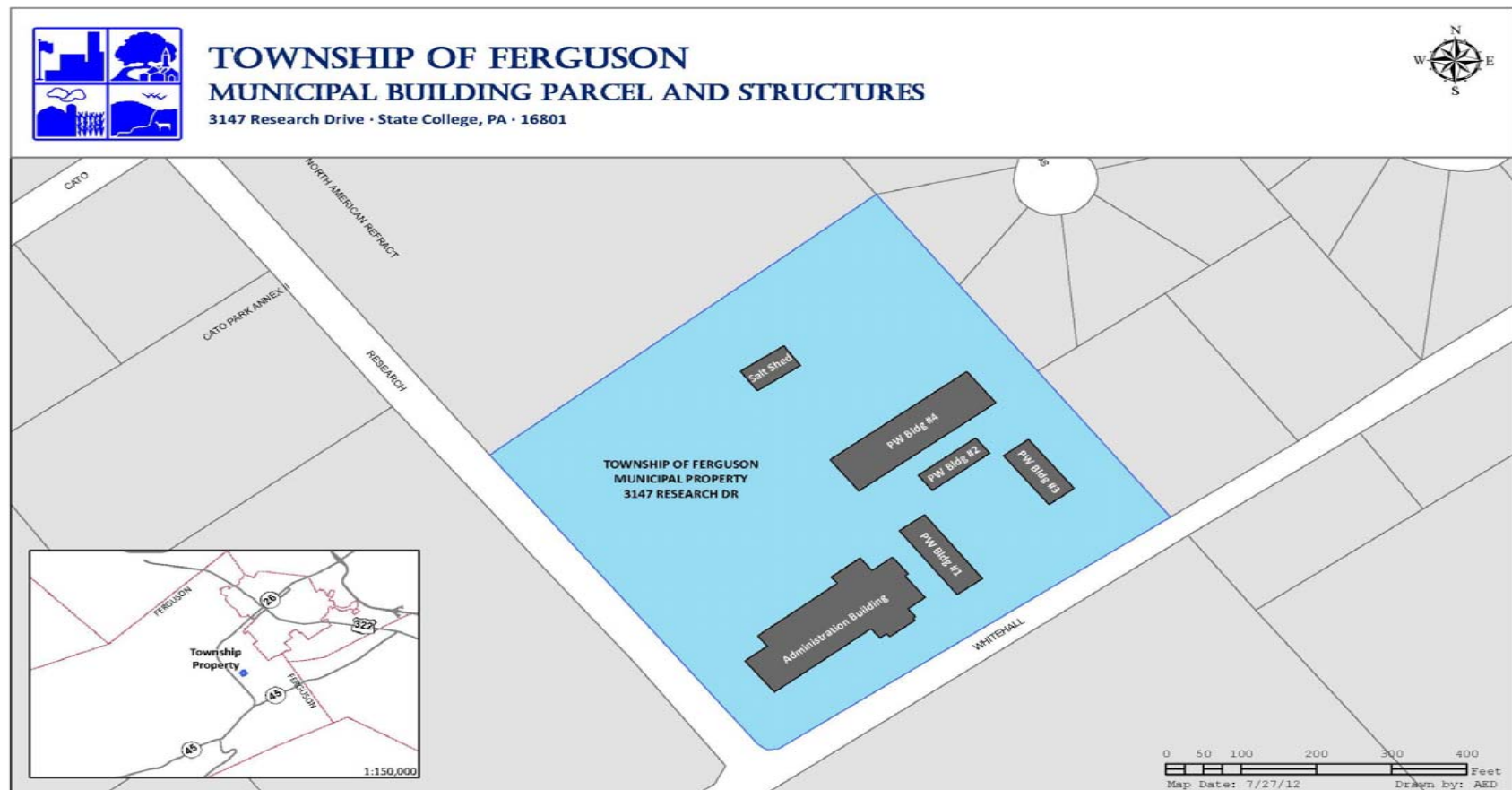
This debt payment represents approximately 10% of the Township's general fund operating budget of \$8.5 million (less interfund transfers)

\$876,284

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

BUILDINGS & GROUNDS DEPARTMENT NARRATIVE

The total proposed Buildings and Grounds capital costs for the 2012 to 2016 CIP is **\$250,821** or **1.8%** of the total capital expenditures for the five years. Following is a general map of the Township grounds.



FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

BUILDINGS AND GROUNDS	
2013	
Building equipment capital replacement fund	\$27,000
Fitness equipment	\$2,000
New shingle roof on salt shed	\$40,000
Door closing sensors 8 overhead doors PW building #1	\$3,500
Seal/Stripe Parking lot	\$5,000
SUBTOTAL FOR YEAR 2013	\$77,500
2014	
Building equipment capital replacement fund	\$27,000
Fitness equipment	\$2,000
SUBTOTAL FOR YEAR 2014	\$29,000
2015	
Building equipment capital replacement fund	\$27,000
Fitness equipment	\$2,000
SUBTOTAL FOR YEAR 2015	\$29,000
2016	
Building equipment capital replacement fund	\$27,000
Fitness equipment	\$2,000
SUBTOTAL FOR YEAR 2016	\$29,000
2017	
Building equipment capital replacement fund	\$27,000
Fitness equipment	\$2,000
100KW generator upgrade	\$50,000
Seal/Stripe Parking lot	\$7,321
SUBTOTAL FOR YEAR 2017	\$86,321

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

POLICE DEPARTMENT NARRATIVE

The total proposed Public Safety department capital items for the 2013 to 2017 CIP is **\$703,626** or **5.0%** of the total capital expenditures for the five years. The proposed five year Capital Improvement Budget anticipates expenditures based on currently known information and is based on the Township's strategic plan. It includes fleet rotation based on a 5-year cycle of 2 to 3 vehicles per year, depending on condition of the vehicle. The Crown Victoria is no longer being manufactured and we have begun replacements this year with the Chevrolet Caprice.

Below is the current fleet replacement schedule

Vehicle #	FT-1	FT-2	FT-3	FT-4	FT-5	FT-6	FT-7	FT-8	FT-10	FT-11	FT-12	FT-13	FT-14	FT-17	EVOC -2	FT-20	FT-21
Year / Make	2008 Ford Crown Victoria	2009 Ford Crown Victoria	2008 Ford Crown Victoria	2012 Chev Caprice	2011 Chev Caprice	2012 Chev Caprice	2009 Ford Crown Victoria		2010 Ford Fusion	2007 Ford Crown Victoria	2004 Ford Crown Victoria	2004 Chevy Impala	2011 Chev Tahoe	2008 Impala	2003 Ford Crown Victoria	2000 MCV	CRV 1995 Ford
Twp ID	100124	100196	100125		100255		100195		100253	100192	100010	100035	100254	100123	100002		100252
VIN	2FAFP71V18X175417	2FAHP71V59X140034	2FAFP71VX8X175416		6G1MK5T20BL544811		2FAHP71V39X140033		3FAHP0HA0AR213114	2FAFP71V08X106850	2FAHP71W04X128911	2G1WF52K649391602	1GNSK2E04BR326560	2G1WS53181338892	2FAFP71W33X193984		1FDJE30F8SHB77651
In Service	Aug. 08	Jun-09	Aug. 08	Jun-12	Aug-12	Jun-12	Jun-09		Apr-12	Jul-07	Apr-04	Nov-08	Aug-12	Mar-10	Apr-09		Jun-08
Assignmt	Patrol	Patrol	Patrol	Patrol	Patrol	Patrol	Patrol	Patrol	C.I.	Patrol	All	C.I.	Patrol	Admin	EVOC		CP/CM
Radio	MCS2000	MCS2000	MCS2000	MCS2000	MCS2000	MCS2000	MCS2000		No	MCS2000	MVA	MVA	MCS2000	MCS2000	N / A		MVA
Model/ In service	M-5	M-6 (2009)	M-5	M-5	M-5	M-5	M-6 (2009)		None	M-5	None	None	M-5	None	None		None
VASCA R/ VSPEC	VASCA R	VASCA R	VASCA R	VASCA R	VASCA R	VASCA R	VSPEC		N/A	VASCA R	N/A	N/A	N/A	N/A	N/A		N/A
In service Est.							2009										
Rplcmt	2013	2014	2013	2017	2016	2017	2014	2015	2017	2013	2015	2014	2016	2016		N/A	N/A
Color	White	White	White	Silver	Silver	Silver	Dk Blue		Gold	White	Gray	Gray	Silver	Black	White		
Registrn	MG3628E	MG6466E	MG3627E	MG0027D	MG7642F	MG7443D	EDD0010		GFW2466	MD7792D	EDE2416	DYZ7747	MG6670F	HJS9895	MG4068A		MG4227E
Officers Assigned	Lamb Moran	Rose Chambers	Stringer Laudenslager	Ettaro Albright	White Slater	Park Morrision	Traffic Enf	Lewis	Mayer	Hendrick Embser	Training	Martin	Albright Glenny	Conrad	All		
Mileage May 2012	74,661	83,517	89,284		16,550		35,102		15,980	71,040	71,626	43,982	10,004	17,923	140,752		187,126

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

2013																					
<p><u>Police Vehicles and Accessories</u></p> <p>Three patrol vehicles are due for replacement.</p> <table> <tr> <td>Replace 2008 Ford Crown Victoria (FT-1)</td><td>\$31,000</td></tr> <tr> <td>Equipment and installation</td><td>5,075</td></tr> <tr> <td>Subtotal</td><td>36,075</td></tr> <tr> <td>Replace 2008 Ford Crown Victoria (FT-3)</td><td>\$31,000</td></tr> <tr> <td>Equipment and installation</td><td>5,075</td></tr> <tr> <td>Subtotal</td><td>36,075</td></tr> <tr> <td>Replace 2008 Ford Crown Victoria (FT-11)</td><td>\$31,000</td></tr> <tr> <td>Equipment and installation</td><td>5,075</td></tr> <tr> <td>Subtotal</td><td>36,075</td></tr> <tr> <td>Total</td><td>\$108,225</td></tr> </table> <p>Note: Equipment includes strobe corned lighting, fleet keys, console, solid rear seat, shotgun lock, prisoner partition, radio/siren, paint & graphics.</p>	Replace 2008 Ford Crown Victoria (FT-1)	\$31,000	Equipment and installation	5,075	Subtotal	36,075	Replace 2008 Ford Crown Victoria (FT-3)	\$31,000	Equipment and installation	5,075	Subtotal	36,075	Replace 2008 Ford Crown Victoria (FT-11)	\$31,000	Equipment and installation	5,075	Subtotal	36,075	Total	\$108,225	\$108,225
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Equipment and installation	5,075																				
Subtotal	36,075																				
Total	\$108,225																				
<p><u>Uniforms and Equipment</u></p> <p>Seven officers are due for standard issue Level III ballistic vests. It is recommended that vests be replaced every 5 years. Federal reimbursement funding currently provides 50% of the cost of vests, and is sought when available. (7@\$1000 each)</p>	\$7,000																				
<p><u>Sinking Fund for Patrol Car Computers, Cameras, License Plate Readers, License Scanners & Printers (ongoing annual appropriation started in 2012)</u></p> <p>This is to plan for funding for the replacement of the current and projected new integrated technologies for patrol vehicles. The first replacements (2) will be due in 2014. Equipment & software can cost from \$15,000 to \$18,000 per car; we currently have 9 cars.</p>	\$20,000																				
<p><u>Cell Phone Forensic Investigation Unit</u></p> <p>Forensic examinations of cell phones are increasingly becoming a critically important investigative tool. Although our trained detective has some equipment & software to conduct these exams (provided through another agency's grant), each cell phone communicates to its respective network using different programming languages & this creates a need for several different forensic utilities. Often time is of the essence; shipping these phones off to an already overburdened state lab limits the value of the information sought. This request would provide the computers, software, licensing & tech support to allow examination of the majority of cell phones on the market for 3 years and includes updates to keep up with new technology.</p>	\$12,600																				

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

<p><u>PA Accreditation Property & Evidence Storage & Tracking Enhancements</u></p> <p>In order to meet the standards for Accreditation, a few upgrades are needed in relation to our storage of property and evidence. A safely vented, secured area for drying blood evidence is required. We have this vented area in our evidence processing room, but to secure it while items are drying, we need to move the processing of other items to a secondary area. Evidence lockers for this secondary area are \$4,020. Large item secure storage, particularly for bicycles, is also an issue. A 12' X 12' shed for these items is \$2,500. Misc. hasps, keys, rekeying of existing locks, etc. as well as CD's and flash drives for the storage of digital evidence: \$600.</p>	\$7,120
<p><u>Shotguns for Patrol Cars</u></p> <p>3 shotguns are requested to continue the department's transition to make all lethal shotguns semi-automatic and all less lethal shotguns pump action. This is to minimize any misidentifications as less lethal shotguns are painted a different color. Three are requested this year for the patrol cars being replaced; the remaining 2 will be requested in 2014 to complete the transition. (3 @ \$900 each)</p>	\$2,700
<p><u>Replacement gas mask filters</u></p> <p>The filters on our gas masks have expired. Replacement is requested. (20@ \$75 each)</p>	\$1,500
<p><u>Less lethal munitions and chemical munitions</u></p> <p>Our less lethal munitions will have reached their 5-year shelf life; replacement is requested.</p>	\$3,000
<p><u>Patrol Car Mechanic's Diagnostic Tool</u></p> <p>The mechanic requests this tool for diagnosing engines in the patrol cars. Currently this is handled by transporting the vehicles to an offsite garage/mechanic that has this tool/system. Owning our own kit would save his time, down time of the vehicles, & outside costs. (Kit including laptop, adaptor, software & updates is \$4,995)</p>	\$5,000
<p><u>Replacement stocks for our M-16 rifles</u></p> <p>These more solid stocks are requested to replace the original plastic stocks, which are falling into disrepair. Current methods of fixing/tightening the rings & pivoting the collapsible stocks are no longer working. Half the inventory was replaced in 2012; the other half is requested for this year. (10 @ \$150 each)</p>	\$1,500
<p><u>Share of Regional Shooting Range</u></p> <p>An outdoor shooting range is needed by all county police departments now that Scotia Range can no longer grant priority reservations for police. Property for a new range just for police usage has been acquired by Spring Township through a donation. Some site work and amenities need to be provided by police. This request is for the same amount that was requested in 2012 in the event payment is not made this year.</p>	\$2,500
<p><u>RMS/MDS</u></p> <p>Our share of the remaining payment for the regional records management/mobile data system is \$16,770 (if not paid by end of 2012 budget). The vendor is still working on final acceptance issues (primarily the upgrade to Windows 7).</p>	\$16,770
2014	

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

Police Vehicles and Accessories

Three vehicles will be due for replacement.

Replace 2009 Ford Crown Victoria (FT-2)	\$31,500
Equipment and installation	5,100
Subtotal	\$36,600
Replace 2009 Ford Crown Victoria (FT-7)	\$31,500
Equipment and installation	5,100
Subtotal	\$36,600
Replace 2004 Chevy Impala (FT-13)	\$30,000
Equipment and installation	3,000
Subtotal	\$33,000
Total	\$106,200

\$106,200

Sinking Fund for Patrol Car Computers, Cameras, License Plate Readers, License Scanners & Printers (ongoing annual appropriation started in 2012)

This is to plan for funding for the replacement of the current and projected new integrated technologies for patrol vehicles. The first replacements (2) will be due this year. Equipment & software can cost from \$15,000 to \$18,000 per car; we currently have 9 cars.

\$20,000

X-2 TASERS

3 of our TASERS will have been in service for 5 years thus having reached the manufacturer's limit on useful service life. The newer model (X-2) is requested. (3 @ \$1,300 each).

\$3,900

Shotguns for Patrol Cars

2 shotguns are requested to complete the department's transition to make all lethal shotguns semi-automatic and all less lethal shotguns pump action. This is to minimize any misidentifications as less lethal shotguns are painted a different color. Two are requested this year for the patrol cars being replaced. (2 @ \$900 each)

\$1,800

Building Surveillance Camera Additions

2 additional cameras are requested to add to the existing system. The first would give us camera security of the one door not covered currently into the police station, and would also cover the remained of the parking lot not currently covered. The second camera would obtain a close up view of everyone who enters the main lobby of the building. We do not currently have a close up view, making it virtually impossible to identify a person's face. These added cameras would assist with the security of our employees as

\$3,011

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

well as help with identification if ever needed for prosecution. (\$1,643 + \$1,368 = \$3,011 includes installation & peripherals.)

2015

Police Vehicles and Accessories

One vehicle will be due for replacement and an additional vehicle is requested to maintain the 2 officer per car ratio, which extends useful life to 5 years and evens out the year-to-year expense to maintain the fleet.

\$70,800

Add Chevrolet Caprice (FT-8)	\$32,000
Equipment and installation	5,200
Subtotal	37,200
Replace 2004 Ford Crown Victoria (FT-12)	\$30,500
Equipment and installation	3,100
Subtotal	33,600
Total	\$70,800

Uniforms and Equipment

Three officers are due for standard issue Level III ballistic vests. It is recommended that vests be replaced every 5 years. Federal reimbursement funding currently provides 50% of the cost of vests, and is sought if available. (7@\$1000 each)

\$3,000

X-2 TASERS

2 of our TASERS will have been in service for 5 years thus having reached the manufacturer's limit on useful service life. The newer model (X-2) is requested (2 @ \$1,300 each).

\$2,600

Sinking Fund for Patrol Car Computers, Cameras, License Plate Readers, License Scanners & Printers (ongoing annual appropriation started in 2012)

This is to plan for funding for the replacement of the current and projected new integrated technologies for patrol vehicles. Equipment & software can cost from \$15,000 to \$18,000 per car; we currently have 10 cars.

\$20,000

2016

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

Police Vehicles and Accessories

Three vehicles will be due for replacement.

\$118,050

Replace 2011 Chevrolet Caprice (FT-5)	\$32,500
Equipment and installation	5,200
Subtotal	37,700
Replace 2011 Chevrolet Tahoe (FT-14)	\$41,000
Equipment and installation	5,200
Subtotal	46,200
Replace 2008 Chevrolet Impala (FT-17)(Admin)	31,000
Equipment and installation	3,150
Subtotal	34,150
Total	\$118,050

Uniforms & Equipment

Five officers are due for standard issue Level III ballistic vests. It is recommended that vests be replaced every 5 years. Federal reimbursement funding currently provides 50% of the cost of vests, and is sought if available. (7@\$1000 each)

\$5,000

Sinking Fund for Patrol Car Computers, Cameras, License Plate Readers, License Scanners & Printers (ongoing annual appropriation started in 2012)

This is to plan for funding for the replacement of the current and projected new integrated technologies for patrol vehicles. Equipment & software can cost from \$15,000 to \$18,000 per car; we currently have 10 cars.

\$20,000

X-2 TASERS

2 of our TASERS will have been in service for 5 years thus having reached the manufacturer's limit on useful service life. The newer model (X-2) is requested. (2 @ \$1,300 each).

\$2,600

2017

Police Vehicles and Accessories

Three vehicles will be due for replacement.

\$111,150

Replace 2012 Chevrolet Caprice (FT-4)	\$33,000
Equipment and installation	5,225

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

Subtotal	38,225	
Replace 2012 Chevrolet Caprice (FT-6)	\$33,000	
Equipment and installation	5,225	
Subtotal	\$38,225	
Replace 2010 Ford Fusion (FT-10)(CI)	31,500	
Equipment and installation	3,200	
Subtotal	34,700	
Total	\$111,150	
<u>Uniforms and Equipment</u> Five officers are due for standard issue Level III ballistic vests. It is recommended that vests be replaced every 5 years. Federal reimbursement funding currently provides 50% of the cost of vests and is sought if available.		\$5,000
<u>Sinking Fund for Patrol Car Computers, Cameras, License Plate Readers, License Scanners & Printers (ongoing annual appropriation started in 2012)</u> This is to plan for funding for the replacement of the current and projected new integrated technologies for patrol vehicles. Equipment & software can cost from \$15,000 to \$18,000 per car; we currently have 10 cars.		\$20,000
<u>X-2 TASERS</u> 2 of our TASERS will have been in service for 5 years thus having reached the manufacturer's limit on useful service life. The newer model (X-2) is requested. (2 @ \$1,300 each).		\$2,600

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

PLANNING & ZONING DEPARTMENT NARRATIVE

The total proposed capital costs for the Planning and Zoning Department totals **\$695,000** or **5.0%** of the total capital expenditures for the five years. The following expenditures will allow the Department to continue to accrue funds to engage a consultant to assist in the preparation of appropriate updates to the zoning and subdivision and land development ordinances. Such revisions are intended to provide consistency with the goals of the Township's Strategic Plan and to ensure implementation of the Regional Comprehensive Plan currently being updated.

Funding for the implementation of streetscape improvements along the West College Avenue corridor continues to be included in order to ensure the coordinated and comprehensive installation of these features. This funding would supplement that which might be available through either public/private partnerships or grants.

Finally, the Department is seeking authorization to plan for the creation of a new position that would assist in the timely processing and review of plans as well as researching and preparing text to keep Township ordinances up to date. This new position would allow for a shift in the responsibilities of the Zoning Administrator position in a manner that would eliminate the need for the part-time Ordinance Enforcement Officer as well as the previously requested new position of Assistant to the OEO.

2013	
<u>Consultant – Rewrite of Land Use Ordinances</u>	\$70,000
Allow for an update of the Zoning regulations as well as the revision of the Subdivision and Land Development Ordinance consistent with the goals and objectives of the adopted Mission Statement, Revised Township Strategic Plan, and the update to the Regional Comprehensive Plan. The Department is willing to consider the possibility of performing this update in-house if funding for new staff allows for consideration of an applicant with sufficient experience to undertake this project. Amendments to several aspects of the zoning ordinance could reduce some of the hurdles related to permitting new businesses to occupy space in existing buildings. The Strategic Plan specifically identifies keeping regulations up-to-date as an objective under Land Use and the removal of limitations on businesses was highlighted.	
<u>Installment for Streetscape Improvements</u>	\$75,000
Funds need to be available to contribute toward the costs of streetscape improvements along West College Avenue associated with the Terraced Streetscape Zoning District. These may include sidewalk, street trees, lighting or street furniture that will enhance the corridor. The Township anticipates sharing these costs through acquisition of grant money, use of a public/private partnership, and/or assessment of development fees.	

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

<u>Funding for Transportation Infrastructure Related to Bicycle and Pedestrian Travel</u>	\$50,000
The Department is requesting that an amount normally budgeted for construction projects related to Transportation Improvements be allocated for the installation and/or maintenance of sidewalks and bike paths as depicted on the Official Map. This investment will increase multi-modal opportunities within the Township and provide a system of safe non-vehicular linkages to home, work, school, and recreation opportunities.	
2014	
<u>Installment for Streetscape Improvements</u>	\$75,000
Funds need to be available to contribute toward the costs of streetscape improvements along West College Avenue associated with the Terraced Streetscape Zoning District. These may include sidewalk, street trees, lighting or street furniture that will enhance the corridor. The Township anticipates sharing these costs through acquisition of grant money, use of a public/private partnership, and/or assessment of development fees.	
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2015	
<u>Installment for Streetscape Improvements</u>	\$75,000
Funds need to be available to contribute toward the costs of streetscape improvements along West College Avenue associated with the Terraced Streetscape Zoning District. These may include sidewalk, street trees, lighting or street furniture that will enhance the corridor. The Township anticipates sharing these costs through acquisition of grant money, use of a public/private partnership, and/or assessment of development fees.	
<u>Funding for Transportation Infrastructure Related to Bicycle and Pedestrian Travel</u>	\$50,000
The Department is requesting that an amount normally budgeted for construction projects related to Transportation Improvements be allocated for the installation and/or maintenance of sidewalks and bike paths as depicted on the Official Map. This investment will increase multi-modal opportunities within the Township and provide a system of safe non-vehicular linkages to home, work, school, and recreation opportunities.	
2016	
<u>Installment for Streetscape Improvements</u>	\$75,000

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

<p>Funds need to be available to contribute toward the costs of streetscape improvements along West College Avenue associated with the Terraced Streetscape Zoning District. These may include sidewalk, street trees, lighting or street furniture that will enhance the corridor. The Township anticipates sharing these costs through acquisition of grant money, use of a public/private partnership, and/or assessment of development fees.</p>	
<p><u>Funding for Transportation Infrastructure Related to Bicycle and Pedestrian Travel</u></p> <p>The Department is requesting that an amount normally budgeted for construction projects related to Transportation Improvements be allocated for the installation and/or maintenance of sidewalks and bike paths as depicted on the Official Map. This investment will increase multi-modal opportunities within the Township and provide a system of safe non-vehicular linkages to home, work, school, and recreation opportunities.</p>	<p>\$50,000</p>
<p>2017</p>	
<p><u>Installment for Streetscape Improvements</u></p> <p>Funds need to be available to contribute toward the costs of streetscape improvements along West College Avenue associated with the Terraced Streetscape Zoning District. These may include sidewalk, street trees, lighting or street furniture that will enhance the corridor. The Township anticipates sharing these costs through acquisition of grant money, use of a public/private partnership, and/or assessment of development fees.</p>	<p>\$75,000</p>
<p><u>Funding for Transportation Infrastructure Related to Bicycle and Pedestrian Travel</u></p> <p>The Department is requesting that an amount normally budgeted for construction projects related to Transportation Improvements be allocated for the installation and/or maintenance of sidewalks and bike paths as depicted on the Official Map. This investment will increase multi-modal opportunities within the Township and provide a system of safe non-vehicular linkages to home, work, school, and recreation opportunities.</p>	<p>\$50,000</p>

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

PUBLIC WORKS & ENGINEERING DEPARTMENTS NARRATIVE

The proposed Five-year Capital Improvement Program Budget for the Public Works department equipment totals **\$1,489,788** or **10.7%** of the total capital expenditures. This includes engineering and maintenance section vehicles and equipment needs for the next five years.

Transportation improvement fund projects total **\$8,655,500** or **61.9%** of the total capital expenditures for the five years and **12.1%** of the total five year expenditures. Liquid Fuels fund expenditures represent **\$2,192,875** or **15.7%** of the five-year capital expenditures.

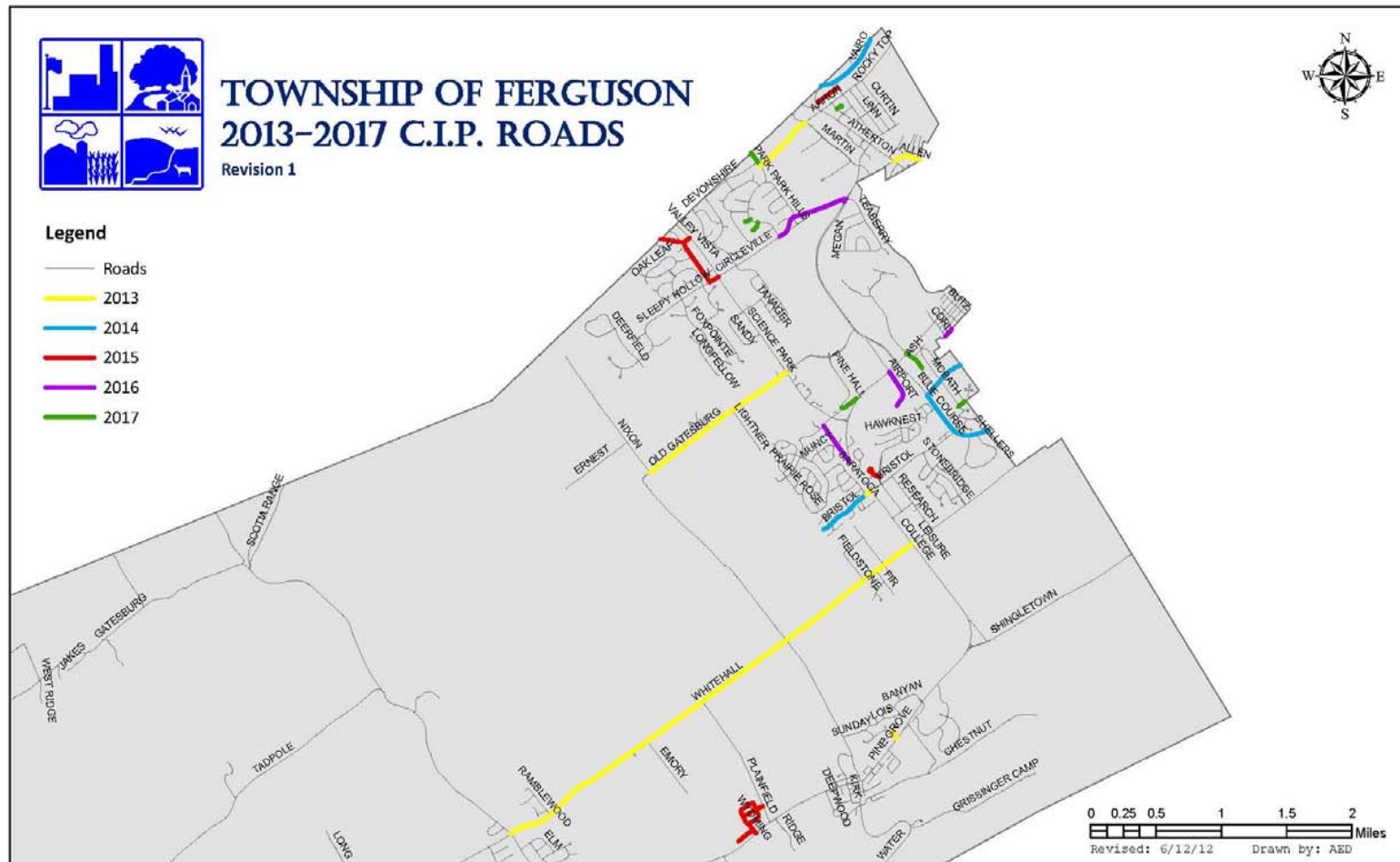
Public Works requests that the Board of Supervisors authorize staff to begin designing Transportation improvement projects, which may require surveying that, are planned for 2012.

The following descriptions provide explanations of the projects listed in this CIP with the exception of roadwork, which is derived from a work session with the Board of Supervisors.

Since 2006, replacement equipment for the Public Works department estimated at \$25,000 or above has been placed on a replacement schedule and funds are being accumulated annually for these items. Non-replacement equipment at any value will be itemized on the CIP separately from the replacement schedule. All equipment cost projections are gross cost without consideration of the trade in value of equipment.

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

Following is a general map of the Township proposed road projects.



FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

ROADS - Description	Const Year	Linear feet	Today's unit price	Unit Price in Construction Year	Construction Year Cost	
2013						
Microsurfacing and pavement preservation Township wide	2013	1	\$220,000	\$242,000	\$242,000	
Road Materials and Supplies	2013	1	\$26,000	\$28,600	\$29,000	
Pavement Markings	2013	1	\$65,000	\$71,500	\$72,000	
Seal Bike Paths	2013	1			\$28,000	
Subtotal Liquid Fuels						\$371,000
Rosemont Drive Concrete Box Culvert/Bridge and channel	2013	1	\$100,000	\$110,000	\$110,000	
Subtotal Capital Reserve Fund						\$110,000
Whitehall Road	2013				\$3,900,000	
Cherry Lane from Atherton St to Allen St, base repair, overlay, new drainage pipes, 8 inlet tops, new concrete curb and gutter	2013	480	\$320	\$352	\$169,000	
Allen St from Cherry St to the Township/Borough line, mill curb line, mat, overlay, no curb, no drainage, no inlets	2013	690	\$75	\$83	\$57,000	
Old Gatesburg Road from Science Park Road to Nixon Road, reclaim overlay, no curb, no drainage, cross pipes by FTPW	2013	6800	\$60	\$66	\$449,000	
Aaron Drive from Martin Street to Park Lane, base repair, overlay, no curb, no storm pipe - inlet repairs by FTPW	2013	2500	\$205	\$226	\$564,000	
Aaron Drive ADA ramps	2013	8	\$4,000	\$4,400	\$35,000	
Bristol Ave from West College to Saratoga Drive	2013	300	\$205	\$226	\$68,000	
TIF SUBTOTAL						\$5,242,000
TOTAL					\$5,723,000	

ROADS - Description	Const Year	Linear feet	Today's unit price	Unit Price in Construction Year	Construction Year Cost
2014					

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

Microsurfacing and pavement preservation Township wide	2014	1	\$220,000	\$266,200	\$266,000	
Road Materials and Supplies	2014	1	\$26,000	\$31,460	\$31,000	
Pavement Markings	2014	1	\$65,000	\$78,650	\$79,000	
Subtotal Liquid Fuels						\$376,000
Subtotal Capital Reserve Fund						\$0
Westerly Parkway from Blue Course Drive to the Township/Borough line, mill, base repair, mat, overlay - no curb, no storm pipe	2014	1800	\$80	\$97	\$174,000	
Westerly Parkway Inlet tops	2014	19	\$1,000	\$1,210	\$23,000	
Westerly Parkway ADA ramps	2014	10	\$4,000	\$4,840	\$48,000	
Blue Course Drive south of Westerly Parkway, mill curb line, scratch fiber mat, overlay	2014	3400	\$75	\$91	\$309,000	
Blue Course Drive drainage	2014	0	\$75	\$91	\$0	
Blue Course Drive ADA ramps	2014	8	\$4,000	\$4,840	\$39,000	
Blue Course Drive inlets	2014	18	\$3,000	\$3,630	\$65,000	
Blue Course Drive curb	2014	850	\$18	\$22	\$19,000	
Vairo Boulevard	2014	2800	\$80	\$97	\$271,000	
Bristol Ave from Saratoga Drive to terminus, mill and fill ruts, scratch, overlay, select curb, no drainage (need to camera) ADA ramps	2014	2300	\$90	\$109	\$250,000	
TIF SUBTOTAL						\$1,198,000
TOTAL					\$1,574,000	

ROADS - Description	Const Year	Linear feet	Today's unit price	Unit Price in Construction Year	Construction Year Cost	
2015						
Microsurfacing and pavement preservation Township wide	2015	1	\$220,000	\$292,820	\$293,000	
Road Materials and Supplies	2015	1	\$26,000	\$34,606	\$35,000	
Pavement Markings	2015	1	\$65,000	\$86,515	\$87,000	
Seal Bike Paths	2015	1			\$33,880	
Subtotal Liquid Fuels						\$448,880

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

Subtotal Capital Reserve Fund						\$0
Circleville Rd and Bachman Lane from Valley Vista/Science Park/Circleville intersection to Twp. line, no curb, no drainage	2015	1200	\$75	\$100	\$120,000	
Kansa, Delaware, Wyandotte, Wyoming no curb, no drainage	2015	4500	\$75	\$100	\$449,000	
Suburban Ave, mill curb line, base repair, fiber mat overlay 1 1/2", SELECT CURB REPAIR ONLY , limited storm pipe replacement	2015	1320	\$115	\$153	\$202,000	
Gateway Dr., base repair, mat, overlay	2015	660	\$85	\$113	\$75,000	
Gateway Dr. curb	2015	1619	\$15	\$20	\$32,000	
Gateway Dr. ramps	2015	8	\$4,000	\$5,324	\$43,000	
Gateway Dr. drainage	2015	70	\$75	\$100	\$7,000	
Gateway Dr. inlets	2015	3	\$3,000	\$3,993	\$12,000	
TIF SUBTOTAL						\$940,000
TOTAL					\$1,388,880	

ROADS - Description	Const Year	Linear feet	Today's unit price	Unit Price in Construction Year	Construction Year Cost	
2016						
Microsurfacing and pavement preservation Township wide	2016	1	\$220,000	\$322,102	\$322,000	
Road Materials and Supplies	2016	1	\$26,000	\$38,067	\$38,000	
Pavement Markings	2016	1	\$65,000	\$95,167	\$95,000	
Subtotal Liquid Fuels						\$455,000
Subtotal Capital Reserve Fund from General Fund						\$0
Circleville Road from Park Hills Ave to Teaberry, no curb, no drainage, mill, fiber mat, scratch, overlay	2016	2400	\$75	\$110	\$264,000	
Highland Alley	2016	400	\$85	\$124	\$50,000	
Science Park Court	2016	1900	\$100	\$146	\$278,000	
Airport Rd	2016	800	\$85	\$124	\$100,000	
TIF SUBTOTAL						\$692,000
TOTAL					\$1,147,000	

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

ROADS - Description	Const Year	Linear feet	Today's unit price	Unit Price in Construction Year	Construction Year Cost	
2017						
Microsurfacing and pavement preservation Township wide	2017	1	\$220,000	\$354,312	\$354,000	
Road Materials and Supplies	2017	1	\$26,000	\$41,873	\$42,000	
Pavement Markings	2017	1	\$65,000	\$104,683	\$105,000	
Seal Bike Paths	2017	1			\$40,995	
Subtotal Liquid Fuels						\$541,995
Subtotal Capital Reserve Fund from General Fund						\$0
Abby Place, base repair, overlay, mat	2017	340	\$85	\$137	\$47,000	
Abby Place curb	2017	0	\$0	\$0	\$0	
Abby Place ADA ramps	2017	0	\$0	\$0	\$0	
Abby Place drainage	2017	0	\$0	\$0	\$0	
Abby Place inlets	2017	0	\$0	\$0	\$0	
Park Lane from Aaron Dr. to Ferguson/Patton line, mill curb line and overlay or reclaim, no drainage, no curb	2017	580	\$75	\$121	\$70,000	
Appletree Circle, new concrete mountable curb, petro, overlay, no inlets, no HC ramps	2017	350	\$105	\$169	\$59,000	
Owens	2017	900	\$115	\$185	\$167,000	
Pine Hall Court	2017	800	\$85	\$137	\$110,000	
Avebury Circle	2017	600	\$115	\$185	\$111,000	
Myrtle Ave between McBath and Madison	2017	300	\$115	\$185	\$56,000	
Park Lane from Aaron Dr. to Ferguson/Patton line, ADA ramps	2017	8	\$4,000	\$6,442	\$52,000	
TIF SUBTOTAL						\$672,000
TOTAL					\$1,213,995	

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

Following is a table of the Township Public Works Equipment condition.

2012 FERGUSON TOWNSHIP EQUIPMENT CONDITION REPORT (valued at >= 25K)												
ID #	Replace	Description	Year	Chassie	Engine	Body	Mileage or hours as of 4/30	2011 Labor	2011 Parts	2011 Total	VIN / MODEL #	Description/Driver
IM-100	2017	Bomag Roller	1997	Good	Good	Good	628 H	\$90.00	\$68.80	\$158.80	13402	
IM-102	2015	Crafco Crack Sealer	2000									
IM-107		Ingersoll Rand Tow Behind Compressor	2003	Fair	Good	Fair	434 H	\$150.00	\$140.44	\$290.44		
IM-117		Cat Skid Steer	2007	Fair	Good	Fair	710 H	\$225.00	\$397.02	\$622.04	MST00765	MST00765
IM-401	2014	Brush Bandit 250XP Brush Chipper	2000	Fair	Good	Fair	1350 H	\$120.00	\$84.22	\$204.22	\$16.060	\$16,060.00
IM-402	2017	Vermeer Brush Chipper	2004	Good	Good	Good	950 H	\$135.00	\$131.04	\$266.04		
IM-404	2015	ODB LT600 Leaf Collector	1992	Fair	Fair	Poor	2241 H	\$540.00	\$1,165.25	\$6,705.25	T04039D338200	DID NOT USE IN 09
IM-405	2016	Tarco Leaf Collector	2000	Good	Good	Good	Did not use	in 2011				DID NOT USE IN 08 & 09
IM-414		ODB Pull Behind Leaf Collector	2005	Good	Good	Good	475 H	\$90.00	\$73.11	\$163.11	PE4045T401805	
IM-500		Kubota ZD-21	2003	Fair	Good	Fair	1116 H	\$65.00	\$25.78	\$90.78	\$46.529	
IM-513		Kubota ZG-20	2007	Good	Good	Good	384 H	\$45.00	\$20.50	\$65.50	\$15.948	
PW-09		John Deere 6330 Tractor	2010	Good	Good	Good	565 H	\$175.00	\$394.00	\$569.00	LO6330H640499	
PW-10		Chevy Silverado 3500 1-Ton pickup	2010	Good	Good	Good	12971 H	\$315.00	\$903.62	\$1,218.62	1GC3KZBG1AF137856	NEW
PW-11		Int. Tymco Street Sweeper	2009	Good	Good	Good	3967 H	\$540.00	\$931.00	\$1,471.00	1HTMMAAN2AH194087	
PW-12		Freightliner Truck Mounted Leaf Collector	2008	Good	Good	Good	801 H	\$1,200.00	\$2,034.55	\$3,234.55	1FVACYBS39HA65144	
PW-14		Int. Single Axle Dump Truck	2006	Fair	Good	Good	19009	\$865.00	\$1,759.00	\$2,624.00	1HTWCAAR36J267594	D. McMonagle
PW-16		FL70 Freightliner Leaf Vac Truck	2004	Good	Good	Good	21800	\$1,110.00	\$3,795.00	\$4,905.00	1FVABTAK34HMN5421	
PW-17		Chevrolet Camo Blazer	1985								1G8ED18J9GF117655	
PW-18	2016	Ford F350 Utility Box Sign Truck	2003	Good	Good	Good	51293	\$90.00	\$55.28	\$145.28	1FDSF31S33ED58351	
PW-19		Int. Single Axle Dump Truck	2010	Good	Good	Good	3,998	\$225.00	\$163.00	\$388.00	1HTWCAZR2AJ251495	Balban
PW-20	2015	Ford F550 Super Duty Dump Truck	2001	Fair	Fair	Fair	40,376	\$1,381.57	\$3,371.01	\$4,752.58	1FDAF57F21EA03511	V. Holsinger
PW-21	2014	Int. Tandem Axle Dump Truck	1999	Fair	Fair	Fair	57,152	\$1,290.00	\$2,331.00	\$3,621.00	1HTGLATTXXH643102	L. Rider
PW-22	2016	Int. Single Axle 4x4 Dump Truck	1998	Fair	Fair	Fair	41,675	\$650.00	\$310.00	\$960.00	1HTSEAR0WH517969	C. Welker
PW-24	2013	Int. Single Axle Dump Truck	1997	Poor	Fair	Fair	45,290	\$720.00	\$975.00	\$1,695.00	1HTGEAUR6VH441125	R. Tussey
PW-27	2013	Ford F550 Super Duty Dump Truck	1999	Poor	Fair	Poor	47,614	\$3,230.00	\$3,077.00	\$6,307.00	1FDA57F7XEB85960	BECOME SPARE C. Stashak
PW-31		Int. Single Axle 4x4 Dump Truck	1995	Fair	Fair	Fair	63639	\$765.00	\$894.00	\$1,659.00	1HTSEAR7SH685280	SPARE
PW-32		Ford F550 Super Duty Dump Truck	1999	Fair	Fair	Fair	51,245	\$3,260.00	\$3,143.00	\$6,403.00	1FDAF57F4XEB73703	S. Cox
PW-33	2015	Ford F350 Utility Box Foreman's Truck	2002	Good	Good	Good	58,940	\$360.00	\$226.32	\$586.32	1FDWW36S02EA99651	
PW-34		Ford Truck - VAC ALL	1997	Good	Good	Good	16,753	\$195.00	\$384.00	\$579.00	1FOYH81E6VVA25561	SPARE
PW-35		Ford Fusion	2010	Good	Good	Good	14,931	\$100.00	\$13.50	\$113.50	3FAHPOHA0AR213114	Township Manager
PW-36		Chevy Impala Silver	2000	Fair	Fair	Fair	106,664	\$430.00	\$258.00	\$688.00	2G1WF52E0Y9383592	Engineer
PW-37		Ford Crown Victoria- sold	1999								2FAFP71W8XX189872	Zoning
PW-38		Chevy Tahoe- sold	1997								1GNEK13R8VJ408206	Public Works
PW-39		Chevy Impala Gold	2002	Fair	Good	Good	105,923	\$270.00	\$602.00	\$872.00	2G1WF55KX29308827	Engineer Assistant
PW-40	2017	Int. Single Axle Dump Truck	2003	Fair	Fair	Fair	25,500	\$920.00	\$972.00	\$1,892.00	1HTWDADR03J064716	C. Leidy
PW-41	2013	W20B Case Loader	1977	Poor	Poor	Poor	4135	\$0.00	\$0.00	\$0.00		SPARE
PW-42	2013	621B Case Loader	1995	Poor	Fair	Poor	3,598	\$540.00	\$741.00	\$1,281.00	JFE0044624	
PW-43		4355 Massey-Ferguson Tractor	2003	Good	Good	Good	1249	\$225.00	\$899.00	\$1,124.00	L43127	
PW-44	2016	420 D Catpillar Backhoe	2001	Fair	Fair	Fair	3,189	\$570.00	\$1,236.00	\$1,806.00	BLN01706	
PW-45		Int. Single Axle Dump Truck	2008	Fair	Good	Good	9976	\$270.00	\$829.00	\$1,099.00	1HTWCAZR18J644415	D. Grenoble
PW-54		PA Int. Black Utility 3000 GVW	2003	Fair	None	Fair	n/a	\$0.00	\$0.00	\$0.00		
PW-55		Towmaster Trailer 10000 GVW	1997	Good	Good	Good	n/a	\$2,180.00	\$2,215.00	\$4,195.00		
PW-56		Interstate Trailer 12 Ton	2002	Fair	Fair	Fair	n/a	\$45.00	\$0.00	\$45.00	24DTA	
IM-403		2010 Brush Bandit 1590XP	2010	Good	Good	Good	244 H	\$255.00	\$175.00	\$430.00	4FMUS1815AR002118	
PW-8		2011 Ford F550 Truck (in service date 2.9.1	2011	Good	Good	Good	5200	\$210.00	\$123.00	\$333.00	1FDUF57H0BEA65105	
		Kubota RTV Utility Vehicle	2007	Fair	Fair	Fair	486	\$405.00	\$1,455.00	\$1,860.00	BU 7356	
		John Deere 6330 Tractor		Good	Good	Good	565 H	\$175.00	\$402.00	\$577.00		

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

EQUIPMENT	5%	<u>anticipated appropriation fund expenses</u>	Cost in year of purchase
2013			\$0
		new loader replaces PW-42 a 1995 621 loader, and sell PW41 a 1977 W20B Loader	\$180,810
New installation of emergency backup power for 2 traffic signals with LEDs	\$17,850	New single axle plow and dump truck replaces PW -24 a 1997 International	\$161,343
Traffic signal LED replacements for 3 intersections	\$8,925	New F550 replaces PW-27 a 1999 F550 plow truck (includes upfitting)	\$103,851
UPS battery replacements for 3 intersections	\$1,890		
Color plotter Canon 825 MFP or equivalent	\$11,000		
Power washer Landa PHW4 2200psi 4gpm or equivalent	\$4,700		
V Plow for Kubota by BOSS	\$3,500		
Automatic Salt Controllers for Snow Plows (2)	\$7,000		
SUBTOTAL EQUIP NOT IN FUND	\$54,865		
		SUBTOTAL 2013 EQ FUND EXP	\$446,004
2014			
		Replace PW-21 a 1999 International tandem axle dump and plow truck	\$209,475
Emergency backup power for traffic signals with LEDs	\$18,743	Replace IM-401 a 2000 Brush-Bandit brush chipper	\$52,920
Traffic signal LED replacements(24 x 150 x2)	\$9,371		
UPS battery replacements	\$1,985		
Replace IM-500 a 2003 Kubota zero turn mower	\$17,000		
Automatic Salt Controllers for Snow Plows (2)	\$7,700		
Used 60 foot bucket truck	\$38,588		
SUBTOTAL EQUIP NOT IN FUND	\$93,387	SUBTOTAL 2014 EQ FUND EXP	\$262,395

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

2015			\$0
		Replace PW-20 a 2001 Ford F550 plow and dump truck	\$114,496
Emergency backup power for traffic signals with LEDs	\$19,680	Replace PW-33 a 2002 Ford F350 crew cab foreman's truck	\$39,359
Traffic signal LED replacements(24 x 150 x2)	\$9,840	Replace IM-102 a 2000 Crafc crack sealer with air compressor	\$57,881
		Replace IM-404 a 1992 ODB pull behind leaf collector	\$28,941
UPS battery replacements	\$2,084		\$0
Replace IM-101 a 1996 Chausse 4 ton asphalt patch trailer	\$18,000		\$0
New crack router	\$12,000		\$0
Automatic Salt Controllers for Snow Plows (2)	\$8,470		
SUBTOTAL EQUIP NOT IN FUND	\$70,074	SUBTOTAL 2015 EQ FUND EXP	\$240,677

2016			\$0
		replace PW-22 a 1998 4x4 International single axle plow and dump truck	\$186,775
Emergency backup power for traffic signals with LEDs	\$20,664	Replace PW-18 a 2003 Ford F350 sign truck (keep hydraulic post pounder)	\$41,327
Traffic signal LED replacements(24 x 150 x2)	\$10,332	Replace PW-44 a 2001 Cat backhoe	\$103,318
		Replace IM-405 a 2000 pull behind leaf collector	\$30,388
UPS battery replacements	\$2,188		\$0
Replace IM-505 a 1990 Woods 10 foot wide bat wing mower	\$12,000		\$0
Automatic Salt Controllers for Snow Plows (2)	\$9,317		\$0
SUBTOTAL EQUIP NOT IN FUND	\$54,501	SUBTOTAL 2016 EQ FUND EXP	\$361,808

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

2017			\$0
		Replace PW-40 a 2003 International single axle plow and dump truck	\$196,113
Emergency backup power for traffic signals with LEDs	\$21,697	Replace IM-100 a 1997 3 ton roller	\$25,526
Traffic signal LED replacements(24 x 150 x2)	\$10,848	Replace IM-402 a 2004 Vermeer brush chipper	\$61,262
			\$0
UPS battery replacements	\$2,297		\$0
Automatic Salt Controllers for Snow Plows (2)	\$10,249		\$0
			\$0
SUBTOTAL EQUIP NOT IN FUND	\$45,091	SUBTOTAL 2017 EQ FUND EXP	\$282,901

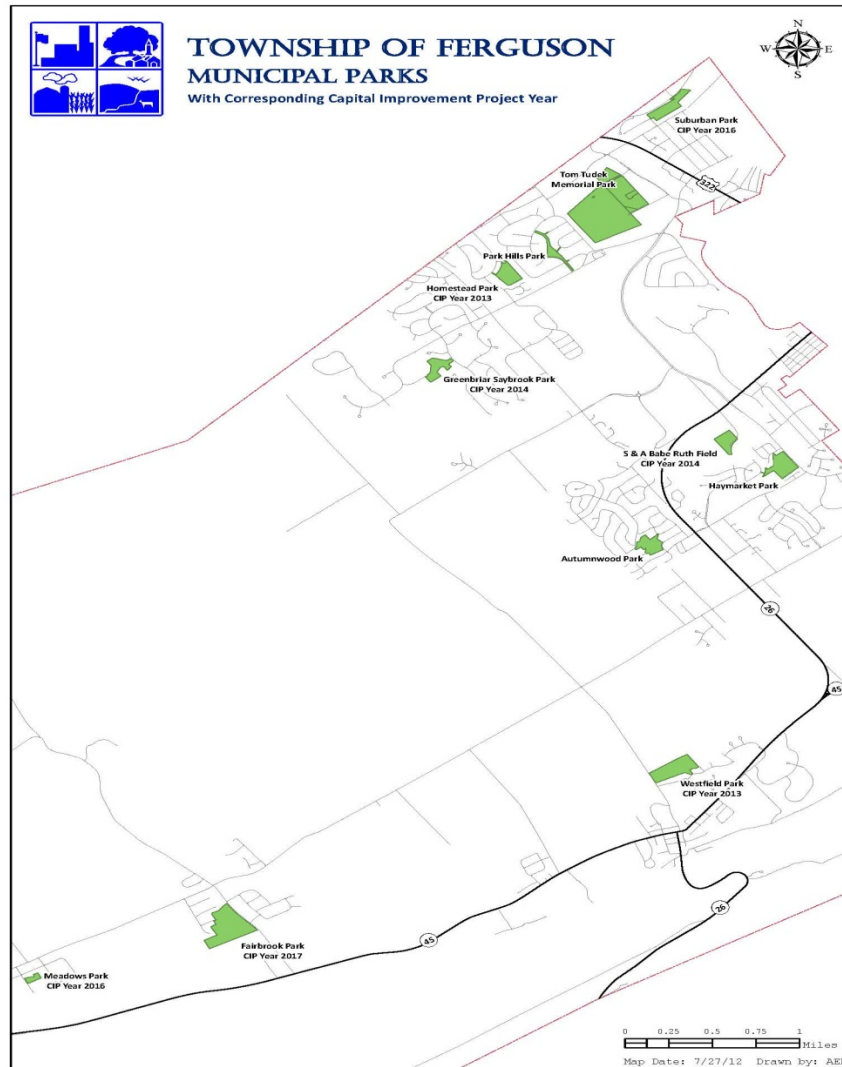
FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

PARKS & RECREATION NARRATIVE

The proposed five-year Capital Improvement Program Budget for Parks and Recreation (not including CRCOG) totals **\$789,995** or **5.7%** of the total capital expenditures. The following projects are recommended to be included in the upcoming five years of the CIP. These projects represent the park improvements to meet the growing needs of the Township's residents and are consistent with the Township's Recreation, Parks and Open Space Plans and each of the park's master plans. The projects are proposed to be paid for through grant funds, parkland fee-in-lieu funds and general funds. It should be noted that the Township is a partner in the Centre Region Parks and Recreation, Centre Region Parks and Recreation Authority in the various regional programs offered by the CRCOG. Long-term debt has been issued to renovate and expand the two regional pools and therefore that cost is now incorporated into the Township's annual operating costs. Two regional parks are also part of the regional parks program. Development of those parks has not been finalized. This CIP incorporates the annual capital costs to the Township until financing has been finalized among the partnering municipalities. Total projected costs are of total capital expenditures plus an additional in financing costs for the pools and parks.

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

Following is a general map of the Township parks.



FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

2013	
<u>Westfield/Hillside Farm Estates Park (split over 2 years)</u>	\$200,000
This is the second payment of \$100,000 for the master plan implementation of First Phase of park Total project is \$200,000	
<u>Park Trees (various locations: 20 trees installed \$440)</u>	\$8,800
<u>Park Amenities (benches, trash containers, grills, doggie stations)</u>	\$12,763
<u>Playground Safety & Update Program</u>	\$31,907
To provide for equipment upgrades and replacements in order to meet playground safety standards.	
<u>Replace Picnic Pavilion at Homestead Park (24' x 36' Glue Laminated shelter with shingles, concrete floor, installed)</u>	\$34,650
<u>Replace Homestead Park play equipment, improve ADA Accessibility</u>	\$31,000
2014	

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

<u>S & A Babe Ruth Field Improvements</u>		\$175,000
The Township currently owns one of the State College Babe Ruth Fields formerly known as the Airport Field. This baseball complex consists of two fields, one on property of Spectrum Control, the second the Township acquired through the master plan approval of The Landings. These two baseball fields are the only two dedicated youth baseball fields in the Centre Region. Since creation, the fields have been maintained, operated and programmed by the State College Babe Ruth League. Currently, the Spectrum Control Field is lighted with substandard lights. There is a need to upgrade the lighting but it only makes sense to place the lights on the Township owned field. Additionally, the fence at S & A field needs to be moved to create a PIAA regulation field. Easements for the relocation of the fence have been acquired from John Imbt.		
A combination of funding is anticipated, private funding from the State College Babe Ruth League, Centre County Visitor and Convention Bureau, Centre County Community Foundation, West Penn Power, State College Area School District, state and Township funding.		
Improvements Associated with Lighting -	\$100,000	
Improvements Associated with Relocating Fencing -	<u>75,000</u>	
Total	<u>\$175,000</u>	
<u>Potential Funding Partners</u>		
State College Babe Ruth League	\$ 25,000	
Centre County Visitor and Convention Bureau	25,000	
Centre County Community Foundation	25,000	
West Penn Power (cash and In-Kind)	25,000	
State College Area School District	25,000	
Township	50,000	
State	<u>25,000</u>	
Total	<u>\$175,000</u>	
Anticipate application for funding in 2014 with construction in 2015.		
<u>Replace Picnic Pavilion at Greenbriar/Saybrook Park (24’ x 36’ Glue Laminated shelter with shingles, concrete floor, installed)</u>		\$36,400
<u>Park Trees (various locations: 20 trees installed @ 460/tree)</u>		\$9,200
<u>Park Amenities (benches, trash containers, grills, doggie stations)</u>		\$13,400
<u>Playground Safety & Update Program</u>		\$31,900
To provide for equipment upgrades and replacements in order to meet playground safety standards.		

FERGUSON TOWNSHIP 5-YEAR CAPITAL IMPROVEMENT PROGRAM BUDGET 2013-2017

2015	
<u>Park Trees (various locations: 20 trees installed @ 485/tree)</u>	\$9,700
<u>Park Amenities (benches, trash containers, grills, doggie stations)</u>	\$14,000
<u>Playground Safety & Update Program</u> To provide for equipment upgrades and replacements in order to meet playground safety standards.	\$33,500
2016	
<u>Replace Picnic Pavilion at Meadows Park</u> (24' x 36' Glue Laminated shelter with shingles, concrete floor, installed)	\$38,200
<u>Suburban Park</u> Replace baseball backstop, upgrade play equipment (Jayco 4 panel 2 Center Over Panels installed)	\$6,300
<u>Park Trees (various locations: 20 trees installed @ \$500/ tree)</u>	\$10,000
<u>Park Amenities (benches, trash containers, grills, doggie stations)</u>	\$14,700
<u>Playground Safety & Update Program</u> To provide for equipment upgrades and replacements in order to meet playground safety standards.	\$35,175
2017	
<u>Fairbrook Park</u> Replace baseball backstop (Jayco 4 panel 2 Center Over Panels installed)	\$6,500
<u>Playground Safety & Update Program</u> To provide for equipment upgrades and replacements in order to meet playground safety standards.	\$36,900