

FERGUSON TOWNSHIP



5 YEAR CAPITAL IMPROVEMENT PROGRAM PLAN

2014– 2018

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HOW TO USE THIS BUDGET BOOK

The Township's Capital Plan is a financial guide for citizens, staff and the Board of Supervisors. The purpose of this document is to communicate the initiatives planned in the next five years. This is a financial plan, rather than official budget. It is used to provide financial information for management to make decisions related to sustainability, future projects and revenues. The plan accounts for the Township's anticipated revenue from various sources (eg. income taxes, property taxes, intergovernmental revenue, etc.) and how these resources will be used. The reader will also find Township background information, the Vision Statement, the Mission Statement and Values Statement. The plan is organized into sections:

- **INTRODUCTION**

- The first section describes and defines the Capital Improvement Program Plan and provides the reader with some background information on the plan.

- **PLAN SUMMARY**

This section provides an overview of revenues and expenditures for all funds except pension funds. The overview breaks out capital expenditures from operations. Operational costs are included in this section in an effort to project the effects on fund balances over the term of the plan. This is important because without sufficient financial resources and fund balances, the plan would not be feasible.

Capital items have been redefined for this plan. In the past, due to the smaller size of the budget, the minimum dollar threshold was \$1,000 per item and an expected life of one year or greater. Beginning in 2013, this threshold has been increased to \$2,500 per item. The life expectancy remains at one year or greater. The reason for the change is to place emphasis on the higher value items which have a more significant effect on the financial position of the township.

- **PERSONNEL**

Changes in personnel positions are included in the budget due to the significance of the cost of additional staffing. Not only does salary have to be considered, but also payroll taxes, health related costs, other insurances, and pensions. Only additional positions or staff reductions are specifically mentioned. Current staffing is included in the operational projections.

- **DEPARTMENT CAPITAL REQUESTS**

The department requests represent individual department forecasted needs for equipment or projects. The scope or the timing of the requests may change as more current information is obtained, the technology changes, or the direction of the plan changes. These requests are estimates of the future costs, not hard and fast amounts.

INTRODUCTION

I am pleased to submit the 2014-2018 Capital Improvement Program Plan, commonly referred to as the CIP, to the Board for consideration. This document reflects many hours of work by department heads and staff and informs the Board about planned capital expenditures over the next five years.

WHAT IS A CAPITAL IMPROVEMENT?

In simple terms, Capital Improvements include renovations, expansions or improvements to the Township's infrastructure, such as land acquisitions, park development, streets, bridges and roads. Capital Improvement also includes building improvements, replacements of equipment and vehicles, major consulting services, and furnishings. The combination of these items comprises the Township's annual Capital Improvement Program (CIP) Plan.

WHAT IS A CAPITAL IMPROVEMENT PROGRAM PLAN?

The CIP is a five-year financial program identifying and planning for the Township's facility and infrastructure needs in the near term. It is a written document, the result of systematic review of individual capital requests as they relate to the Township Board of Supervisors goals and established priorities.

The Capital Improvement program is used to forecast expected revenue streams and for large future expenditures so that financial resources can be anticipated.

While the program serves as a five-year plan, it is reviewed and revised annually. Priorities may change due to grant opportunities or other events such as an unexpected deterioration of an asset resulting in a liability issue.

WHY DO WE NEED A CAPITAL IMPROVEMENT PROGRAM PLAN?

Governments are tasked with providing services to the public in a cost efficient manner. Because public funds are used, some measure of accountability of taxpayer funds is required. The CIP serves as a means to accomplish this goal by advance planning for the construction and development of the Township's infrastructure asset base.

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.

WHAT IS INCLUDED IN THE CAPITAL IMPROVEMENT PROGRAM PLAN

The CIP is used to plan for future resource demands that are aligned with the strategic plan and have a significant impact on the financial resources of the township.

As mentioned previously, expenditures meeting the threshold of \$2,500 with a life span of more than one year are included as part of the CIP. Such items include rehabilitation or expansion of existing facilities, new facilities, land acquisition, park development, new and replacement equipment, vehicles and furnishings.

HOW DOES THE CIP INTERACT WITH THE STRATEGIC PLAN?

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.



Ferguson Township *Mission Statement*

Ferguson Township provides efficient, cost effective, professional services to our residents. This is achieved in a fair, cooperative, ethical and honest manner. The Township manages resources allowing planned sustainable growth while preserving the quality of life and its unique characteristics.



Ferguson Township *Vision Statement*

The Township has appropriate staff and resources to maintain the infrastructure in good condition, provide good service, keep Township operations financially stable and keep pace with technology. As a result, the Township is a leader and model for the Centre Region and other Home Rule municipalities.



Ferguson Township *Core Values*

The Township values: ethical and honest behavior, teamwork, a clean and safe environment, effective, efficient, professionalism in delivering services to our residents, managing resources wisely, preserving the unique character of the Township, partnering with our neighboring municipalities to provide cost effective services.

WHAT ARE THE OBJECTIVES OF A CAPITAL IMPROVEMENT PROGRAM?

The objectives of the CIP are many. Some of the key objectives are identified below:

- *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.*

WHAT IS THE CAPITAL IMPROVEMENT PLAN DEVELOPMENT PROCESS?

May: The Finance Director distributes worksheets to the department heads to begin the process updating the prior year's CIP. The Department Directors identify and submit requests for projects, equipment, services and programs needed by their department during the term of the CIP.

June: The Finance Director receives the department submissions and prepares a draft document for review by the Township Manager. The Board of Supervisors tours the Township to assess the condition of the public facilities, roads and parks to prepare for the work sessions.

The Township Manager and the Finance Director meet with each Department head to review the requests and make any adjustments deemed necessary.

The Finance Director updates the draft document and prepares documents for the Board and Department heads.

July: The Board reviews the plan during one or two public work sessions.

Upon approval by the Board, the document is updated with any changes during the work sessions and advertised for public approval.

August: The plan is presented to the public during Board of Supervisor's meeting and approved during the second meeting.

HOW DOES THE CAPITAL IMPROVEMENT PROGRAM AFFECT FUTURE OPERATING BUDGETS?

The Capital Improvement Program Plan affects the annual operating budget for the following year. Capital items in the first year of the CIP are included in the annual operating budget for the following year.

The concept of Capital Expenditures consists of several components. One of these concepts is the idea of investment in operating efficiencies. Using technology can increase productivity of operations, but usually requires an upfront investment due to the cost of technology. Faster equipment, more capable equipment can improve the services provided by the Township and make the staff more productive. This could postpone or eliminate future additional staff positions, thereby offsetting increased costs. One has to weigh the cost of the capital expenditure with the projected savings created by the expenditure.

Another component of the Capital Expenditures is to improve or maintain current infrastructure. Due to the cost of some improvements, it is not practical or feasible to complete such improvements using one year's annual operating revenues. As such, the Township is left with two options. One, to fund the improvements using debt, or accumulate a portion of annual revenues each year until sufficient funds are in place to complete the improvement, or some combination of the two. This creates a dilemma. Should current taxes (paid by current taxpayers) be used to provide funding for a project years from now, that will benefit future taxpayers? Or should current (and future) taxpayers pay for the benefit of the project through debt service payments, knowing that there is an added cost using debt?

BUDGET SUMMARY

This section provides high level information regarding projected revenues, expenditures and fund balances. Capital expenditures are separately identified for review by the Manager and Board of Supervisors. Interfund Transfers represent the transfer of money between funds. This is most commonly a transfer of funds from the General Fund to other Funds, since most revenues are deposited in the General Fund. It is important to note that Interfund Transfers are not additional revenues, merely a transfer from one fund to another.

The Total **2014 to 2018** Five-Year Expenditures

- ***Operating Costs and Capital Expenditures*** is estimated to be ***\$73,518,494 including Interfund Transfers of \$13,245,193.***
- ***Capital Expenditures*** (including debt service) is ***\$17,477,048*** representing ***23.8%*** of the total budget.

PERSONNEL

This section discusses the positions included and the details related to them. Personnel costs 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.

The plan includes the addition of one staff position

DESCRIPTION	BEGIN YEAR	FIRST 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"> • <i>update, streamline and develop a more user friendly subdivision, land development, and zoning ordinance</i> • <i>reduce and improve plan review time and customer service</i> <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>	2015	\$42,000

GENERAL ENVIRONMENTAL VARIABLES

The general external conditions 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 create an environment that the Township will have to operate in. Fortunately, the economy has been stable in the recent past and no significant changes are expected during the term of this budget period. Some variables are listed below

This budget considers the following environmental variables:

- *Transportation Improvement Fund dedicated taxes will continue at current rates.*
- *Interest Rates earnings on idle funds will approximate 1% annually*
- *Inflation Index will approximate 3% annually*
- *The Township's total tax base will increase 2% annually*
- *Employee wage increases will average 1% higher than inflation defined by the September CPI-U.*
- *Transfer Tax revenues reflect the moving average of the previous 3 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).*
- *Public Works Equipment costs are estimated to increase 6% per year in the next 5 years (per public works).*
- *Real Estate and Earned Income tax rates will remain constant.*
- *Health Insurance rate annual increases will approximate 10% per year.*
- *Township's share of pension costs will not increase.*

Commonly, future projections are based on the past performance with consideration of current conditions. 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 could 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). 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.

The Earned Income Tax revenue is the most significant continuous revenue source of the Township making up approximately 60% of the total general revenue (in the absence of any large project grant revenue which skews the long term percentages).

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.

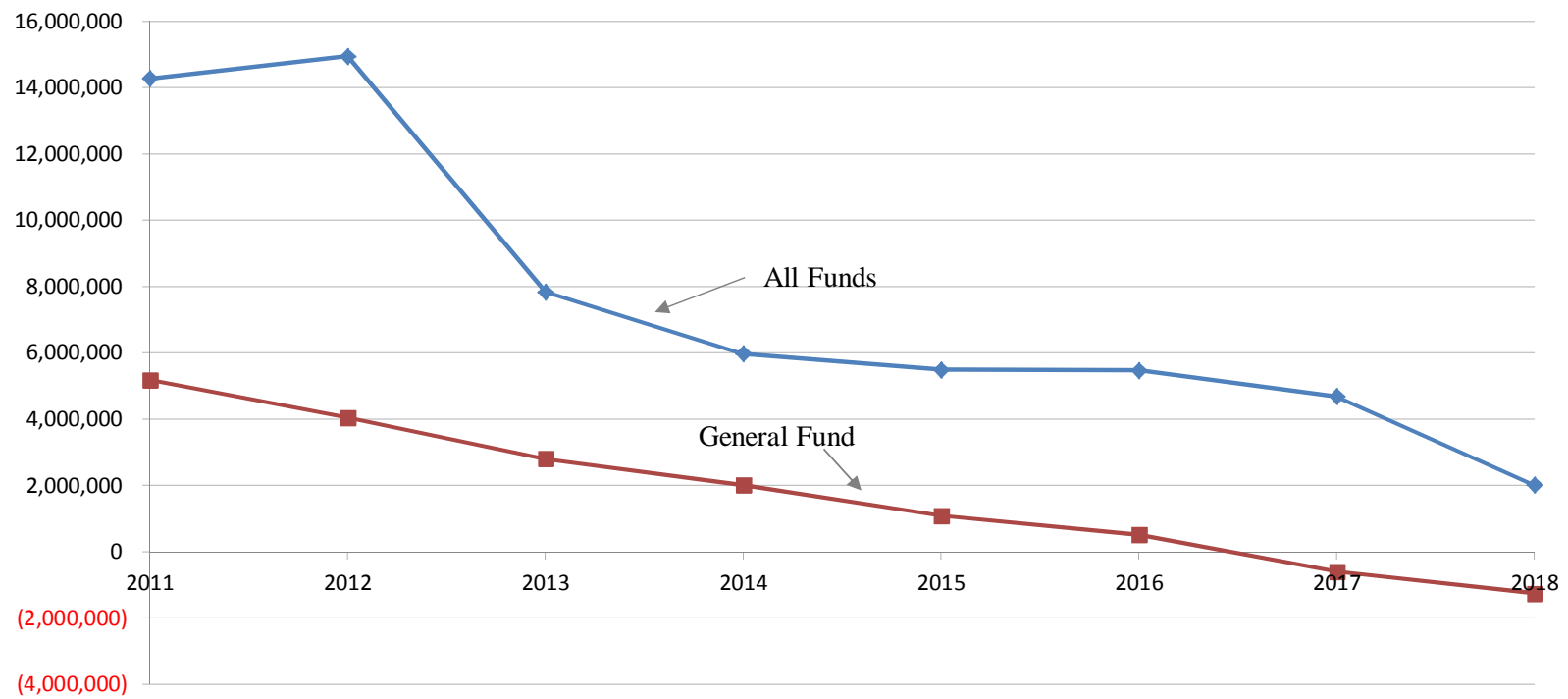
The Real Estate Transfer Tax revenue and the Real Estate Property Tax revenue make up approximately 23% of the total General Fund revenue. The Real Estate Tax revenue is a function of property values and millage (Real Estate Property Taxes) and the value of sales of real estate (Transfer Taxes). The school system receives 79% of the Property Tax revenue. The Township receives 5% with the remaining 16% balance going to the County.

The Township receives 1.25% of the value of the Real Estate sold in the Township. 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.

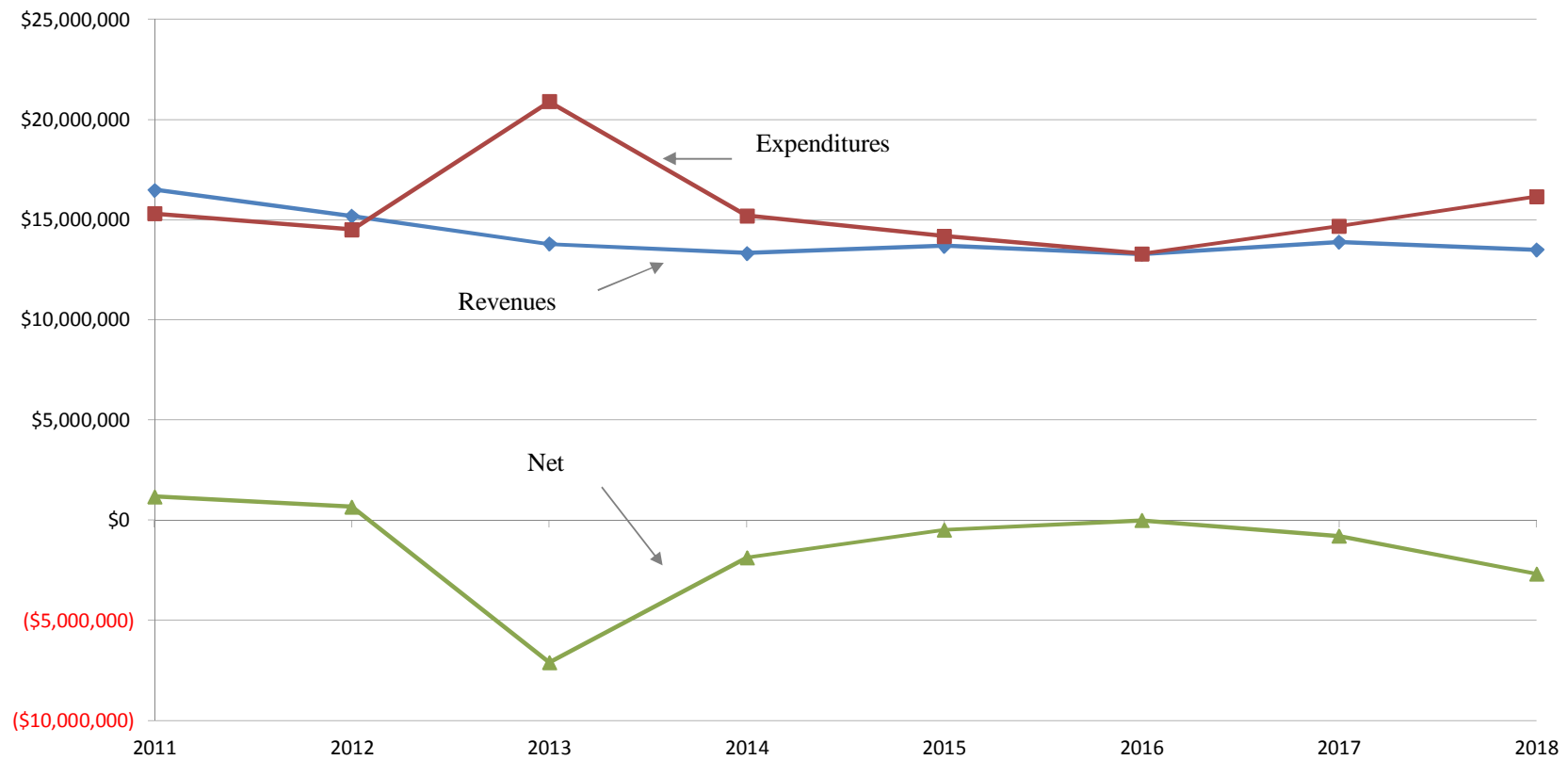
The 2009 recession has delayed growth in revenues for a couple of years, but has not reduced overall revenues significantly. One factor in this is the diversity of employment in the township. Rather than several large employers (other than PSU), the region is comprised of many small or medium sized companies. State College area employment has remained higher than the national average at 95% (5% unemployment during 2012). This has significantly benefited the region.

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

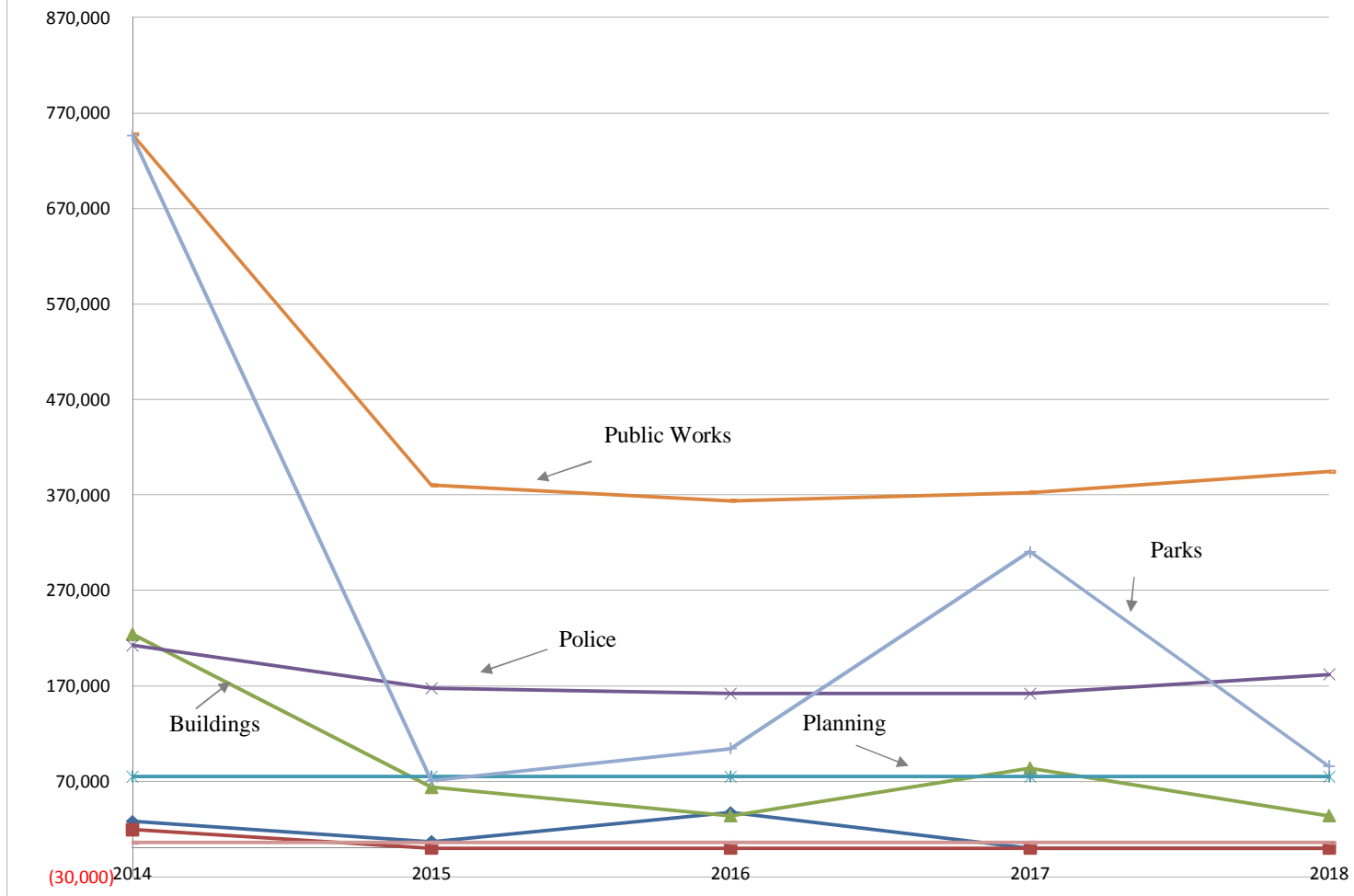
Ferguson Township CIP 2014-2018 Fund Balances Trending



Ferguson Township
CIP 2014 -2018
Revenues & Expenditures



Ferguson Township CIP 2014-2018 Capital Expenditures by Department/Year



FERGUSON TOWNSHIP
2014-2018 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	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	TOTALS
2011 ACTUAL														
BEGINNING FUND BALANCE	5,119,166	12,390	23,903	294,193	(7,267)	0	6,016,884	88,077	75,901	0	880,077	531,656	69,762	13,104,742
REVENUES (E)	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 (E)	(10,003,581)	(11,134)	(28,140)	(338,440)	(557,246)	0	(3,703,469)	0	0	0	(664,817)	0	0	(15,306,827)
NET CHANGE	72,171	871	5,728	60,031	7,294	0	703,114	29	15,022	0	238,223	9,173	64,290	1,175,946
ENDING FUND BALANCE	5,191,337	13,261	29,631	354,224	27	0	6,719,998	88,106	90,923	0	1,118,300	540,829	134,052	14,280,688
2012 ACTUAL														
BEGINNING FUND BALANCE	5,191,337	13,261	29,631	354,224	27	0	6,719,998	88,106	90,923	0	1,118,300	540,829	134,052	14,280,688
REVENUES (F)	9,825,845	12,346	26,642	451,909	558,443	0	2,108,676	23	21	21,132	2,068,280	107,970	36	15,181,323
LESS: EXPENDITURES (F)	(10,960,370)	(12,197)	(27,810)	(623,090)	(557,634)	0	(1,413,617)	0	0	0	(914,937)	0	0	(14,509,655)
NET CHANGE	(1,134,525)	149	(1,168)	(171,181)	809	0	695,059	23	21	21,132	1,153,343	107,970	36	671,668
ENDING FUND BALANCE	4,056,812	13,410	28,463	183,043	836	0	7,415,057	88,129	90,944	21,132	2,271,643	648,799	134,088	14,952,356
2013 ESTIMATED														
BEGINNING FUND BALANCE	4,056,812	13,410	28,463	183,043	836	0	7,415,057	88,129	90,944	21,132	2,271,643	648,799	134,088	14,952,356
REVENUES (G)	9,867,028	12,350	26,000	451,820	560,000	0	1,323,395	25	15,025	25	1,432,450	107,970	0	13,796,088
LESS: EXPENDITURES (G)	(11,112,445)	(14,000)	(28,140)	(353,000)	(560,000)	0	(6,879,000)	0	(23,100)	0	(1,662,579)	(150,000)	(119,000)	(20,901,264)
NET CHANGE	(1,245,417)	(1,650)	(2,140)	98,820	0	0	(5,555,605)	25	(8,075)	25	(230,129)	(42,030)	(119,000)	(7,105,176)
ENDING FUND BALANCE	2,811,395	11,760	26,323	281,863	836	0	1,859,452	88,154	82,869	21,157	2,041,514	606,769	15,088	7,847,180
2014 PROJECTED														
BEGINNING FUND BALANCE	2,811,395	11,760	26,323	281,863	836	0	1,859,452	88,154	82,869	21,157	2,041,514	606,769	15,088	7,847,180
REVENUES (H)	10,013,426	13,000	26,000	451,820	679,198	0	1,320,758	25	15,025	25	702,500	109,050	0	13,330,827
LESS: EXPENDITURES (I)	(10,808,501)	(14,420)	(28,140)	(417,000)	(679,198)	0	(1,030,000)	0	(15,000)	0	(2,059,390)	(150,000)	0	(15,201,649)
NET CHANGE	(795,075)	(1,420)	(2,140)	34,820	0	0	290,758	25	25	25	(1,356,890)	(40,950)	0	(1,870,823)
ENDING FUND BALANCE	2,016,320	10,340	24,183	316,683	836	0	2,150,210	88,179	82,894	21,182	684,624	565,819	15,088	5,976,357
2015 PROJECTED														
BEGINNING FUND BALANCE	2,016,320	10,340	24,183	316,683	836	0	2,150,210	88,179	82,894	21,182	684,624	565,819	15,088	5,976,357
REVENUES (J)	10,187,036	13,000	26,000	451,820	681,236	0	1,352,863	25	15,025	25	852,500	109,595	0	13,689,125
LESS: EXPENDITURES (K)	(11,105,644)	(14,853)	(28,984)	(399,000)	(681,236)	0	(1,017,000)	0	0	0	(770,482)	(150,000)	0	(14,167,199)
NET CHANGE	(918,608)	(1,853)	(2,984)	52,820	0	0	335,863	25	15,025	25	82,018	(40,405)	0	(478,074)
ENDING FUND BALANCE	1,097,712	8,487	21,199	369,503	836	0	2,486,073	88,204	97,919	21,207	766,642	525,414	15,088	5,498,283
2016 PROJECTED														
BEGINNING FUND BALANCE	1,097,712	8,487	21,199	369,503	836	0	2,486,073	88,204	97,919	21,207	766,642	525,414	15,088	5,498,283
REVENUES (L)	10,351,759	13,000	26,000	451,820	250,618	0	1,363,377	25	15,025	25	702,500	110,143	0	13,284,292
LESS: EXPENDITURES (M)	(10,931,517)	(15,298)	(29,854)	(455,000)	(250,618)	0	(692,000)	0	(15,000)	0	(782,674)	(130,500)	0	(13,302,461)
NET CHANGE	(579,758)	(2,298)	(3,854)	(3,180)	0	0	671,377	25	25	25	(80,174)	(20,357)	0	(18,169)
ENDING FUND BALANCE	517,954	6,189	17,345	366,323	836	0	3,157,450	88,229	97,944	21,232	686,468	505,057	15,088	5,480,114

FERGUSON TOWNSHIP
2014-2018 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	CONSTRUCTION FUND	TRANSPORT FUND	PINEY RIDGE FUND	AG PRESERVE FUND	PINE GROVE MILLS STREETLIGHT	CAPITAL RESERVE FUND	REG CAP REC PROJECTS FUND	PARK IMPROVEMENT FUND	TOTALS

2017 PROJECTED

BEGINNING FUND BALANCE	517,954	6,189	17,345	366,323	836	0	3,157,450	88,229	97,944	21,232	686,468	505,057	15,088	5,480,114
REVENUES (K)	10,512,712	13,000	26,000	451,820	678,128	0	1,377,326	25	15,025	25	702,500	111,244	0	13,887,805
LESS: EXPENDITURES (O)	(11,620,839)	(15,757)	(30,749)	(541,995)	(678,128)	0	(672,000)	0	0	0	(1,010,137)	(109,500)	0	(14,679,105)
NET CHANGE	(1,108,127)	(2,757)	(4,749)	(90,175)	0	0	705,326	25	15,025	25	(307,637)	1,744	0	(791,300)
ENDING FUND BALANCE	(590,173)	3,432	12,596	276,148	836	0	3,862,776	88,254	112,969	21,257	378,831	506,801	15,088	4,688,814

2018 PROJECTED

BEGINNING FUND BALANCE	(590,173)	3,432	12,596	276,148	836	0	3,862,776	88,254	112,969	21,257	378,831	506,801	15,088	4,688,814
REVENUES (L)	10,688,635	13,000	26,000	451,820	119,873	0	1,363,377	25	15,025	25	702,500	112,357	0	13,492,637
LESS: EXPENDITURES (Q)	(11,348,988)	(16,230)	(31,672)	(549,000)	(119,873)	0	(3,198,000)	0	(15,000)	0	(777,317)	(112,000)	0	(16,168,080)
NET CHANGE	(660,353)	(3,230)	(5,672)	(97,180)	0	0	(1,834,623)	25	25	25	(74,817)	357	0	(2,675,443)
ENDING FUND BALANCE	(1,250,527)	202	6,924	178,968	836	0	2,028,153	88,279	112,994	21,282	304,014	507,158	15,088	2,013,371

FERGUSON TOWNSHIP
2014-2018 CAPITAL IMPROVEMENT PROGRAM-CASH BASIS
FINANCIAL CAPACITY REPORT

DESCRIPTION	ACTUAL			ESTIMATED	PROJECTED					TOTAL 2014-2018
	2010	2011	2012	2013	2014	2015	2016	2017	2018	
Revenue (inc transfers in)										
Taxes	8,082,875	8,403,023	8,478,220	8,499,968	8,617,559	8,779,736	8,928,757	9,077,581	9,236,967	44,640,600
Other General Funds	1,533,534	1,672,729	1,347,625	1,367,060	1,395,867	1,407,300	1,423,002	1,435,131	1,451,668	7,112,967
Capital Projects Funds ⁽²⁾	2,672,792	5,398,137	4,306,138	2,878,890	2,147,383	2,330,033	2,191,095	2,206,145	2,193,309	11,067,965
Special Rev. Funds ⁽¹⁾	433,177	444,344	490,897	490,170	490,820	490,820	490,820	490,820	490,820	2,454,100
Debt Service Fund	557,325	564,540	558,443	560,000	679,198	681,236	250,618	678,128	119,873	2,409,053
Other Financing Sources ⁽³⁾										0
Total Revenue	13,279,703	16,482,773	15,181,323	13,796,088	13,330,827	13,689,125	13,284,292	13,887,805	13,492,637	67,684,685
Expenditures (inc transfers out)										
General Fund	9,555,825	10,003,581	10,960,370	11,112,445	10,808,501	11,105,644	10,931,517	11,620,839	11,348,988	55,815,489
Capital Projects ⁽²⁾	1,844,206	4,368,286	2,328,554	8,833,679	3,254,390	1,937,482	1,620,174	1,791,637	4,102,317	12,706,000
Special Rev. Funds ⁽¹⁾	428,506	377,714	663,097	395,140	459,560	442,837	500,152	588,501	596,902	2,587,952
Debt Service Fund	556,613	557,246	557,634	560,000	679,198	681,236	250,618	678,128	119,873	2,409,053
Other Financing Uses ⁽³⁾										0
Total Expenditures	12,385,150	15,306,827	14,509,655	20,901,264	15,201,649	14,167,199	13,302,461	14,679,105	16,168,080	73,518,494
Annual Change in Fund Balance	894,553	1,175,946	671,668	-7,105,176	-1,870,823	-478,074	-18,169	-791,300	-2,675,443	-5,833,809
Beginning Fund Balance	12,210,189	13,104,742	14,280,688	14,952,356	7,847,180	5,976,357	5,498,283	5,480,114	4,688,814	7,847,180
Ending Fund Balance	13,104,742	14,280,688	14,952,356	7,847,180	5,976,357	5,498,283	5,480,114	4,688,814	2,013,371	2,013,371
Less Designated for Capital Imp	-7,985,576	-9,089,351	-10,895,544	-5,035,785	-3,960,037	-4,400,572	-4,962,161	-5,278,988	-3,263,898	-21,865,655
General Fund Balance Available	5,119,166	5,191,337	4,056,812	2,811,395	2,016,320	1,097,712	517,954	-590,173	-1,250,527	-1,250,527

⁽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
2014 – 2018 CIP REVENUE PROJECTIONS-CASH BASIS

DESCRIPTION	ACTUAL			ESTIMATED	PROJECTED					TOTAL 2014-
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2018
GENERAL FUND (01)										
<u>TAX REVENUE</u>										
301 Real Estate Taxes	1,275,750	1,285,660	1,314,568	1,314,568	1,340,859	1,367,676	1,395,030	1,422,931	1,451,390	6,977,886
310.021 Earned Income Taxes	5,453,119	5,903,659	5,886,653	5,900,000	6,018,000	6,138,360	6,261,127	6,386,350	6,514,077	31,317,914
310.051 Local Services Tax	319,906	381,124	307,512	340,000	342,900	330,100	337,700	336,900	334,900	1,682,500
310.010 Real Estate Transfer Taxes (3 yr rolling avg)	1,034,100	832,580	969,487	945,400	915,800	943,600	934,900	931,400	936,600	4,662,300
TOTAL TAX REVENUES	8,082,875	8,403,023	8,478,220	8,499,968	8,617,559	8,779,736	8,928,757	9,077,581	9,236,967	44,640,600
OTHER GENERAL FUND REVENUE										
321-332 Licenses/Permits/Fines	390,134	368,350	375,734	370,000	381,100	392,533	404,309	416,438	428,931	2,023,311
341 Interest/Rents	123,998	122,622	112,619	120,000	120,000	120,000	120,000	120,000	120,000	600,000
351-359 Intergovernmental Revenue	302,042	751,857	531,506	530,000	543,895	543,895	543,895	543,895	543,895	2,719,474
360-365 Departmental Fees/Earnings	196,416	208,133	184,294	180,000	180,000	180,000	180,000	180,000	180,000	900,000
387 In Lieu of Taxes (PSU Settlement)	247,259	132,072	127,060	127,060	130,872	130,872	134,798	134,798	138,842	670,182
380, 389, 395 Miscellaneous Revenue	53,010	89,695	16,412	40,000	40,000	40,000	40,000	40,000	40,000	200,000
TOTAL OTHER GF REVENUES	1,312,859	1,672,729	1,347,625	1,367,060	1,395,867	1,407,300	1,423,002	1,435,131	1,451,668	7,112,967
NET GENERAL FUND REVENUE	9,395,734	10,075,752	9,825,845	9,867,028	10,013,426	10,187,036	10,351,759	10,512,712	10,688,635	51,753,567
CAPITAL PROJECTS FUNDS										
TRANSPORT IMPROVEMENT FUND (04)	1,588,547	4,406,583	2,108,676	1,323,395	1,320,758	1,352,863	1,363,377	1,377,326	1,363,377	6,777,701
PINEY RIDGE FUND (18)	57	29	23	25	25	25	25	25	25	125
AG PRESERVATION FUND (19)	15,040	15,022	21	15,025	15,025	15,025	15,025	15,025	15,025	75,125
PINE GROVE MILLS STREETLIGHTS (20)	0	0	21,132	25	25	25	25	25	25	125
CAPITAL RESERVE FUND (30)	996,759	903,040	2,068,280	1,432,450	702,500	852,500	702,500	702,500	702,500	3,662,500
REGIONAL CAPITAL PROJECTS FUND (31)	16,279	9,173	107,970	107,970	109,050	109,595	110,143	111,244	112,357	552,389
PARK IMPROVEMENT FUND (92)	56,103	64,290	36	0	0	0	0	0	0	0
TOTAL CAPITAL PROJECTS FUNDS REVENUE	2,672,785	5,398,137	4,306,138	2,878,890	2,147,383	2,330,033	2,191,095	2,206,145	2,193,309	11,067,965
SPECIAL REVENUE FUNDS										
STREET LIGHT FUND (02)	11,543	12,005	12,346	12,350	13,000	13,000	13,000	13,000	13,000	65,000
FIRE HYDRANT FUND (03)	33,023	33,868	26,642	26,000	26,000	26,000	26,000	26,000	26,000	130,000
LIQUID FUELS FUND (35)	388,611	398,471	451,909	451,820	451,820	451,820	451,820	451,820	451,820	2,259,100
TOTAL SPECIAL REVENUE FUNDS REVENUE	433,177	444,344	490,897	490,170	490,820	490,820	490,820	490,820	490,820	2,454,100
TOTAL DEBT SERVICE FUND REVENUE (16)	557,325	564,540	558,443	560,000	679,198	681,236	250,618	678,128	119,873	2,409,053
TOTAL REVENUES	13,059,021	16,482,773	15,181,323	13,796,088	13,330,827	13,689,125	13,284,292	13,887,805	13,492,637	67,684,685

FERGUSON TOWNSHIP
2014 - 2018 CIP GRANT REVENUE DETAIL-CASH BASIS

DESCRIPTION	ACTUAL			ESTIMATED	PROJECTED					TOTAL
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2014-2018
GENERAL FUND (01)										
PTCI Grant-Old Gatesburg Road		2,420,000	550,000							0
State Forest/Gameland	5,827	5,827	5,827	5,827	5,827	5,827	5,827	5,827	5,827	29,135
Purta Rebate	11,354	11,354	11,354	11,354	11,354	11,354	11,354	11,354	11,354	56,770
DUI Checkpoint	77,410	60,000	50,350	50,000	50,000	50,000	50,000	50,000	50,000	250,000
Pine Hall Development Reimbursement	250,000	1,024,000	144,527							0
Northeastern ITS Cable Right of Way	22,144	22,144	22,144	22,144	22,144	22,144	22,144	22,144	22,144	110,718
Sunesys Right of Way License			4,570	4,570	4,570	4,570	4,570	4,570	4,570	22,851
County Liquid Fuels Grant										0
TOTALS	366,735	3,543,325	788,772	93,895	93,895	93,895	93,895	93,895	93,895	469,474
GENERAL OBLIGATION FUND (16)										
Proceeds from 2009 Bond Issue	4,397,991									0
										0
TOTALS	4,397,991	0	0	0	0	0	0	0	0	0
CAPITAL RESERVE FUND (30)										
DEP Recycling Grants for Equipment										0
Sale of Equipment and Vehicles	2,500	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										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	10,000						0
Tudek Trust funding			19,950	19,950						0
DCNR Grant-Tudek Park										0
TOTALS	2,500	2,500	32,450	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	100,000	101,000	102,010	103,030	104,060	105,101	515,202
TOTALS	0	0	100,000	100,000	101,000	102,010	103,030	104,060	105,101	515,202
LIQUID FUELS FUND (35)										
Liquid Fuels	357,734	343,180	406,700	406,700	406,700	406,700	406,700	406,700	406,700	2,033,500
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	388,300	451,820	451,820	451,820	451,820	451,820	451,820	451,820	2,259,100

FERGUSON TOWNSHIP 2014 - 2018 CIP GRANT REVENUE DETAIL-CASH BASIS										
DESCRIPTION	ACTUAL			ESTIMATED	PROJECTED					TOTAL
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2014-2018
PARK IMPROVEMENT FUND (92)										
										0
										0
TOTALS	0	0	0	0	0	0	0	0	0	0
GRAND TOTALS	5,170,080	3,934,125	1,373,042	678,165	649,215	800,225	651,245	652,275	653,316	3,406,276

FERGUSON TOWNSHIP
2014 - 2018 CIP EXPENDITURE PROJECTIONS-CASH BASIS

DESCRIPTION	ACTUAL			ESTIMATED	PROJECTED					TOTAL
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2014-2018
GENERAL FUND (01)										
OPERATIONS										
400-407 Admin, Legal, Finance, Tax, IT	647,948	648,430	643,092	650,000	669,500	689,585	710,273	731,581	753,528	3,554,467
408,414 Engineering, Planning & Zoning	540,655	560,496	585,957	590,000	607,700	625,931	644,709	664,050	683,972	3,226,362
409 Building, Utilities, Maintenance	125,173	141,904	136,355	140,000	144,200	148,526	152,982	157,571	162,298	765,577
410-413,415-425 Police, Public Safety, Health & Welfare	2,129,294	2,300,400	2,262,319	2,600,000	2,678,000	2,758,340	2,841,090	2,926,323	3,014,113	14,217,866
426-449 exc 447 Public Works	869,660	885,409	763,017	800,000	824,000	848,720	874,182	900,407	927,419	4,374,728
447 CATA	87,110	87,040	113,472	94,050	96,872	99,778	102,771	105,854	109,030	514,305
451-455 Parks & Recreation	449,195	605,822	721,718	1,050,000	1,081,500	1,113,945	1,147,363	1,181,784	1,217,238	5,741,830
456-469 COG and Other Agencies, Misc	313,308	455,219	449,880	450,000	463,500	477,405	491,727	506,479	521,673	2,460,784
472-491,495 Insurance & Benefits	991,052	1,416,481	1,329,525	1,350,000	1,390,500	1,432,215	1,475,181	1,519,436	1,565,019	7,382,351
all non CIP items & personnel					47,773	72,100	72,244	66,900	73,009	332,026
TOTAL GENERAL FUND OPERATING EXPENSES	6,153,395	7,101,201	7,005,335	7,724,050	8,003,545	8,266,545	8,512,522	8,760,385	9,027,299	42,570,296
DETAIL OF GENERAL FUND TRANSFERS										
492.004 To TIF Fund (04)	1,347,346	1,480,564	1,363,617	1,323,395	1,320,758	1,352,863	1,363,377	1,377,326	1,396,816	6,811,140
492.016 To General Obligation Fund (16)	557,290	564,516	558,438	560,000	679,198	681,236	250,618	678,128	119,873	2,409,053
492.019 To Ag Preservation Fund (19)	15,000	15,000	0	15,000	15,000	15,000	15,000	15,000	15,000	75,000
492.030 To Capital Reserve Fund (30)	949,000	841,000	2,032,980	1,400,000	700,000	700,000	700,000	700,000	700,000	3,500,000
492.035 To Liquid Fuels Fund (35)		1,300	0	0	0	0	0	0	0	0
492.065 To Pension Funds (60/65)(net)	35,000	0		90,000	90,000	90,000	90,000	90,000	90,000	450,000
TOTAL GENERAL FUND TRANSFERS	2,903,635	2,902,380	3,955,035	3,388,395	2,804,956	2,839,099	2,418,995	2,860,454	2,321,689	13,245,193
TOTAL GENERAL FUND EXPENDITURES	9,057,030	10,003,581	10,960,370	11,112,445	10,808,501	11,105,644	10,931,517	11,620,839	11,348,988	55,815,489
CAPITAL PROJECTS FUNDS										
TRANSPORTATION IMPROVEMENT FUND (04)	792,331	3,703,469	1,413,617	6,879,000	1,030,000	1,017,000	692,000	672,000	3,198,000	6,609,000
CONSTRUCTION FUND (17)	4,972	0	0	0	0	0	0	0	0	0
PINEY RIDGE FUND (18)	0	0	0	0	0	0	0	0	0	0
AG PRESERVATION FUND (19)	0	0	0	23,100	15,000	0	15,000	0	15,000	45,000
PINE GROVE MILLS STREETLIGHT (20)	0	0	0	0	0	0	0	0	0	0
CAPITAL RESERVE FUND (30)										
401/404 Administration/Legal	38,147	7,921	31,633	15,000	28,000	7,000	37,500	0	0	72,500
402/403/407 Finance/Tax & IT	24,113	35,258	60,702	229,000	19,500	0	0	0	0	19,500
409 Buildings & Grounds	16,357	24,347	45,338	78,500	224,400	64,000	34,000	84,000	34,000	440,400
410 Police	76,180	150,011	106,760	325,927	212,615	167,500	162,000	162,000	182,000	886,115
414 Planning & Zoning	18,831		59,794	195,000	75,000	75,000	75,000	75,000	75,000	375,000
408/430 Engineering & Public Works	333,428	137,115	69,215	279,844	426,801	344,282	363,799	372,487	394,417	1,901,786
439 Road Projects	485,407			138,000	321,000	36,000	0	0	0	357,000
452 Parks & Recreation	51,169	304,610	540,036	395,308	746,074	70,700	104,375	310,650	85,900	1,317,699
486 Self Insurance	3,270	5,555	1,459	6,000	6,000	6,000	6,000	6,000	6,000	30,000
TOTAL CAPITAL RESERVE FUND (30)	1,046,902	664,817	914,937	1,662,579	2,059,390	770,482	782,674	1,010,137	777,317	5,400,000
REGIONAL CAPITAL REC PROJECTS FUND (31)	0	0	0	150,000	150,000	150,000	130,500	109,500	112,000	652,000
PARK IMPROVEMENT FUND (92)	0	0	0	119,000						

FERGUSON TOWNSHIP
2014 - 2018 CIP EXPENDITURE PROJECTIONS-CASH BASIS

DESCRIPTION	ACTUAL			ESTIMATED	PROJECTED					TOTAL
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2014-2018
GENERAL FUND (01)										
TOTAL CAP. PROJ. FUNDS EXPENDITURES	1,844,205	4,368,286	2,328,554	8,833,679	3,254,390	1,937,482	1,620,174	1,791,637	4,102,317	12,706,000
SPECIAL REVENUE FUNDS										
STREET LIGHT FUND (02)	11,762	11,134	12,197	14,000	14,420	14,853	15,298	15,757	16,230	76,558
FIRE HYDRANT FUND (03)	28,050	28,140	27,810	28,140	28,140	28,984	29,854	30,749	31,672	149,399
LIQUID FUELS FUND (35)	388,694	338,440	623,090	353,000	417,000	399,000	455,000	541,995	549,000	2,361,995
TOTAL SPEC. REV. FUNDS EXPENDITURES	428,506	377,714	663,097	395,140	459,560	442,837	500,152	588,501	596,902	2,587,952
TOTAL DEBT SERVICE FUND EXPENDITURES (16)	556,613	557,246	557,634	560,000	679,198	681,236	250,618	678,128	119,873	2,409,053
TOTAL EXPENDITURES	11,886,354	15,306,827	14,509,655	20,901,264	15,201,649	14,167,199	13,302,461	14,679,105	16,168,080	73,518,494

FERGUSON TOWNSHIP
2014 – 2018 CIP CAPITAL EXPENDITURES BY FUND-CASH BASIS
2014

		04	16	18	30	35	31	92	TOTAL
DESCRIPTION		Transport Improvemen t	General Obligation	Piney Ridge	Capital Reserve	Liquid Fuels	Reg Cap Rec Projects	Park Imprvment	
PROJECTS									
	Road Materials & Supplies					29,000			0
	Microsurfacing & select curb replacement					242,000			29,000
	Pavement markings					72,000			242,000
	Airport Road materials & Paver					22,000			72,000
	Selders Circle				158,000	52,000			22,000
	Bikepaths & Parking Lots				33,000				210,000
	Rosemont Drive Box Culvert				121,000				33,000
	Westerly Parkway	219,000							121,000
	Vairo Blvd	237,000							219,000
	Gateway Drive	94,000							237,000
	Abby Place	32,000							94,000
	Deepwood Drive	232,000							32,000
	Marjorie Mae	38,000							232,000
	East Park Hills	178,000							38,000
	Haymarket Basin (materials only)				9,000				178,000
									9,000
									0
TOTAL PROJECTS		1,030,000	0	0	321,000	417,000	0	0	1,768,000

CAPITAL EQUIPMENT (30)									
401.075	Administration				28,000				28,000
40x.075	Finance/Tax & IT				19,500				19,500
409.075	Buildings & Grounds				224,400				224,400
410.075	Police				212,615				212,615
414.075	Planning & Zoning				75,000				75,000
430.075	Public Works				426,801				426,801
452.075	Parks & Recreation				746,074				746,074
486.356	Computer Self Insurance				6,000				6,000
									0
TOTAL CAPITAL EQUIPMENT		0	0	0	1,738,390	0	0	0	1,738,390

GENERAL OBLIGATION (16)									
47X.XXX	2009 Bond Debt Service		556,825						556,825
	COG Pools Debt Service		119,873						119,873
	COG Parks Debt Service		2,500				150,000		152,500

FERGUSON TOWNSHIP
2014 – 2018 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	
									0
									0
TOTAL DEBT SERVICE		0	679,198	0	0	0	150,000	0	829,198
GRAND TOTAL		1,030,000	679,198	0	2,059,390	417,000	150,000	0	4,335,588

FERGUSON TOWNSHIP
2014 – 2018 CIP CAPITAL EQUIPMENT DETAIL-CASH BASIS
2014

401 Administration	
Replace Manager's vehicle	24,000
Team Building Facilitator	4,000
Totals	28,000

402, 403 & 407 Finance & IT	
Replace Server (hardware & software)	15,000
Additional Switch	4,500
Totals	19,500

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

Page Total
1,738,390

409 Buildings & Grounds	
Building Equipment Maintenance Appropriation	27,000
PW Bldg 1 heaters	30,000
Add 5 doors and security	14,000
Upgrade Bldg Security System	18,000
Mobile Generator connection	10,000
Fire Training Trailer	83,400
Fuel pumps/Island/Canopy	35,000
Grass Drop off structure at park	7,000
Totals	224,400

410 Police	
Police Vehicle & Accessories (2)	76,000
CNG Conversion	31,500
Sinking Fund for Patrol cars	20,000
Interview Room Recording System	16,500
Accreditation Software	3,800
Crime Scene Camera	2,815
Ballistic Shield	2,500
Robotic Police Car	4,500
Records Management Update	55,000
Totals	212,615

414 Planning & Zoning	
Streetscape Improvement Allocation	75,000
Totals	75,000

430 Public Works	
Public Works Capital Fund Appropriation	279,840
Emergency backup power for traffic lights with LEDs (2)	18,020
Traffic Signal LEDs (24 x 150 x 2)	9,010
4 ton asphalt trailer	22,531
Used Bucket Truck	60,000
4 leaf boxes	20,000
Truck with grapple box (5%)	10,400
Automatic Salt Controllers for Snow Plows (2)	7,000
Totals	426,801

452 Parks & Recreation	
Regional Capital Parks Development	financed
S&A Babe Ruth Field Improvements	200,000
Westfield/Hillside Farm Estates Park	455,174
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	746,074

FERGUSON TOWNSHIP
2014 – 2018 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									
									0
	Road Materials & Supplies					31,000			31,000
	Microsurfacing & select curb replacement					266,000			266,000
	Pavement markings					79,000			79,000
	Pine Hall Court					23,000			23,000
	Bikepaths & Parking Lots				36,000				36,000
	Circleville Road	197,000							197,000
	Wyoming	158,000							158,000
	Kansa	163,000							163,000
	Suburban Ave	248,000							248,000
	Iriquois Road	45,000							45,000
	Kennelworth Court	37,000							37,000
	Ashburton Court	33,000							33,000
	West Aaron Drive	136,000							136,000
									0
									0
TOTAL PROJECTS		1,017,000	0	0	36,000	399,000	0	0	1,452,000

CAPITAL EQUIPMENT (30)									
401.075	Administration				7,000				7,000
40x.075	Finance/Tax & IT				0				0
409.075	Buildings & Grounds				64,000				64,000
410.075	Police				167,500				167,500
414.075	Planning & Zoning				75,000				75,000
430.075	Public Works				344,282				344,282
452.075	Parks & Recreation				70,700				70,700
486.356	Computer Self Insurance				6,000				6,000
									0
TOTAL CAPITAL EQUIPMENT		0	0	0	734,482	0	0	0	734,482

GENERAL OBLIGATION (16)									
47X.XXX	2009 Bond Debt Service		558,363						558,363
	COG Pools Debt Service		119,873						119,873
	COG Parks Debt Service		3,000				150,000		153,000
									0

FERGUSON TOWNSHIP
2014 – 2018 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	
									0
TOTAL DEBT SERVICE		0	681,236	0	0	0	150,000	0	831,236
GRAND TOTAL		1,017,000	681,236	0	770,482	399,000	150,000	0	3,017,718

FERGUSON TOWNSHIP
2014 - 2018 CIP CAPITAL EQUIPMENT DETAIL-CASH BASIS
2015

401 Administration	
Replace conference room chairs (10)	7,000
Totals	7,000

402, 403 & 407 Finance & IT	
Totals	0

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

Page Total
734,482

409 Buildings & Grounds	
Building Equipment Maintenance Appropriation	27,000
PW Bldg 1 CNG detection system	30,000
Grass Drop Off at Park	7,000
Totals	64,000

410 Police	
Police Vehicle & Accessories (2)	78,500
CNG Conversion (1)	10,500
Sinking Fund Vehicle Equipment	20,000
Records Management Replacement	55,000
Secured Fenced Area	3,500
Totals	167,500

414 Planning & Zoning	
Streetscape Improvement Allocation	75,000
Totals	75,000

430 Public Works	
Public Works Capital Fund Appropriation	296,630
Emergency backup power for traffic lights with LEDs (2)	19,101
Traffic Signal LEDs (24 x 150 x 2)	9,551
New crack router	12,000
Automatic Salt Controllers for Snow Plows (2)	7,000
Totals	344,282

452 Parks & Recreation	
Regional Capital Parks Development	financed
Partial Update Tudek Park Master Plan	7,500
Park Trees (various locations)	9,700
Park Amenities (benches, trash containers, grills, doggie stations)	14,000
Playground Safety & Update Program	33,500
Tudek Farmhouse Roof Replacement	6,000
Totals	70,700

FERGUSON TOWNSHIP
2014 – 2018 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				37,500				37,500
40x.075	Finance/Tax & IT				0				0
409.075	Buildings & Grounds				34,000				34,000
410.075	Police				162,000				162,000
414.075	Planning & Zoning				75,000				75,000
430.075	Public Works				363,799				363,799
452.075	Parks & Recreation				104,375				104,375
486.356	Computer Self Insurance				6,000				6,000
									0
TOTAL CAPITAL EQUIPMENT		0	0	0	782,674	0	0	0	782,674

GENERAL OBLIGATION (16)									
47X.XXX	2009 Bond Debt Service		119,873						119,873
	COG Pools Debt Service		130,745						130,745
	COG Parks Debt Service						130,500		130,500
									0
									0

FERGUSON TOWNSHIP
2014 – 2018 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	
TOTAL DEBT SERVICE	0	250,618	0	0	0	130,500	0	381,118
GRAND TOTAL	692,000	250,618	0	782,674	455,000	130,500	0	2,310,792

FERGUSON TOWNSHIP
2014 - 2018 CIP CAPITAL EQUIPMENT DETAIL-CASH BASIS
2016

401 Administration	
Update Salary Study	17,000
Community Survey	15,000
Strategic Plan Update	5,500
Totals	37,500

402, 403 & 407 Finance & IT	
Totals	0

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

Page Total
782,674

409 Buildings & Grounds	
Building Equipment Maintenance	27,000
Grass Drop Off at Park	7,000
Totals	34,000

410 Police	
Police Vehicle & Accessories (3)	121,000
CNG Conversion (2)	21,000
Sinking Fund Vehicle Equipment	20,000
Totals	162,000

414 Planning & Zoning	
Streetscape Improvement Allocation	75,000
Totals	75,000

430 Public Works	
Public Works Capital Fund Appropriation	314,428
Emergency backup power for traffic lights with LEDs	20,247
Traffic Signal LEDs (24 x 150 x 2)	10,124
Replace IM-505 Bat Wing Mower	12,000
Automatic Salt Controllers for Snow Plows (2)	7,000
Totals	363,799

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
2014 – 2018 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				0				0
409.075	Buildings & Grounds				84,000				84,000
410.075	Police				162,000				162,000
414.075	Planning & Zoning				75,000				75,000
430.075	Public Works				372,487				372,487
452.075	Parks & Recreation				310,650				310,650
486.356	Computer Self Insurance				6,000				6,000
									0
TOTAL CAPITAL EQUIPMENT		0	0	0	1,010,137	0	0	0	1,010,137

GENERAL OBLIGATION (16)									
47X.XXX	2009 Bond Debt Service		558,250						558,250
	COG Pools Debt Service		119,878						119,878
	COG Parks Debt Service						109,500		109,500
									0

FERGUSON TOWNSHIP
2014 – 2018 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	
									0
TOTAL DEBT SERVICE		0	678,128	0	0	0	109,500	0	787,628
GRAND TOTAL		672,000	678,128	0	1,010,137	541,995	109,500	0	3,011,760

FERGUSON TOWNSHIP
2014 - 2018 CIP CAPITAL EQUIPMENT DETAIL-CASH BASIS
2017

401 Administration	
Totals	0

402, 403 & 407 Finance & IT	
Totals	0

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

Page Total
1,010,137

409 Buildings & Grounds	
Building Equipment Maintenance Appropriation	27,000
100 KW Generator Upgrade	50,000
Grass Drop Off at Park	7,000
Totals	84,000

410 Police	
Police Vehicle & Accessories (3)	121,000
CNG Conversions (2)	21,000
Sinking Fund Vehicle Equipment	20,000
Totals	162,000

414 Planning & Zoning	
Streetscape Improvement Allocation	75,000
Totals	75,000

430 Public Works	
Public Works Capital Fund Appropriation	333,294
Emergency backup power for traffic lights with LEDs (2)	21,462
Traffic Signal LEDs (24 x 150 x 2)	10,731
Automatic Salt Controllers for Snow Plows (2)	7,000
Totals	372,487

452 Parks & Recreation	
Regional Capital Parks Development	financed
Tudek Park Phase 3a	257,250
Fairbrook Park	6,500
Playground Safety & Update Program	36,900
Park Trees (various locations)	10,000
Totals	310,650

FERGUSON TOWNSHIP
2014 – 2018 CIP CAPITAL EXPENDITURES BY FUND-CASH BASIS
2018

		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
	Bergman	112,000							112,000
	Goddard Circle	82,000							82,000
	Williamsburg Drive	136,000							136,000
	Ash Ave	79,000							79,000
	Tadpole road	1,017,000							1,017,000
	Meckley Drive	190,000							190,000
	Stonebridge Drive	327,000							327,000
	Harris Street	304,000							304,000
	Sleepy Hollow	632,000							632,000
	Sassafras Court	37,000							37,000
	Conover Lane	74,000							74,000
	Red Lion Drive	164,000							164,000
	Princeton Drive	44,000							44,000
									0
	Seal Bike Paths					48,000			48,000
									0
									0
TOTAL PROJECTS		3,198,000	0	0	0	549,000	0	0	3,747,000

CAPITAL EQUIPMENT (30)									
401.075	Administration				0				0
40x.075	Finance/Tax & IT				0				0
409.075	Buildings & Grounds				34,000				34,000
410.075	Police				182,000				182,000
414.075	Planning & Zoning				75,000				75,000
430.075	Public Works				394,417				394,417
452.075	Parks & Recreation				85,900				85,900
486.356	Computer Self Insurance				6,000				6,000

FERGUSON TOWNSHIP
2014 – 2018 CIP CAPITAL EXPENDITURES BY FUND-CASH BASIS
2018

		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 CAPITAL EQUIPMENT		0	0	0	777,317	0	0	0	777,317

GENERAL OBLIGATION (16)									
47X.XXX	2009 Bond Debt Service								0
	COG Pools Debt Service		119,873						119,873
	COG Parks Debt Service						112,000		112,000
									0
									0
TOTAL DEBT SERVICE		0	119,873	0	0	0	112,000	0	231,873
GRAND TOTAL		3,198,000	119,873	0	777,317	549,000	112,000	0	4,756,190

FERGUSON TOWNSHIP
2014 - 2018 CIP CAPITAL EQUIPMENT DETAIL-CASH BASIS
2018

401 Administration	
Totals	0

402, 403 & 407 Finance & IT	
Totals	0

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

Page Total
777,317

409 Buildings & Grounds	
Building Equipment Maintenance Appropriation	27,000
Grass Drop Off at Park	7,000
Totals	34,000

410 Police	
Police Vehicle & Accessories (3)	129,000
CNG Conversions (3)	33,000
Sinking Fund Vehicle Equipment	20,000
Totals	182,000

414 Planning & Zoning	
Streetscape Improvement Allocation	75,000
Totals	75,000

430 Public Works	
Public Works Capital Fund Appropriation	353,292
Emergency backup power for traffic lights with LEDs (2)	22,750
Traffic Signal LEDs (24 x 150 x 2)	11,375
Automatic Salt Controllers for Snow Plows (2)	7,000
Totals	394,417

452 Parks & Recreation	
Regional Capital Parks Development	financed
Playground Safety & Update Program	36,900
Park Trees (various locations)	11,000
Tudek Barn Roof Replacement/Barn Doors	38,000
Totals	85,900

ADMINISTRATION NARRATIVE

The total proposed Administration capital costs for the 2014 to 2018 CIP is **\$72,500** or **0.6%** of the total capital expenditures for the five years.

2014	
<p><u>Replace Manager's Vehicle</u></p> <p>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.</p>	\$24,500
<p><u>Team Building Facilitator</u></p> <p>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 objects. Using an experienced consultant to facilitate this development is suggested.</p>	\$4,000
2015	
<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>	\$7,000
2016	
<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>	\$15,000
<p><u>Strategic Plan Update</u></p> <p>This would be a revision to the Strategic plan implementing the mission, vision, core values, goals and objects. Using an experienced consultant to facilitate this development is suggested. Combining this with a strategic planning process that begins with new members of the Board of Supervisors would be a more encompassing approach than standalone facilitator.</p>	\$5,500

<u>Update of Salary Study</u>	\$17,000
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.	
2017	
<u>Selective replacement of office chairs.</u>	\$5,000
2018	
<u>Nothing budgeted for this year.</u>	\$0

FINANCE, TAX, INFORMATION TECHNOLOGY & DEBT SERVICE DEPARTMENT NARRATIVE

The total proposed Finance, Tax and Information Technology capital costs for the 2014 to 2018 CIP is **\$19,500** or **.2%** of the total capital expenditures for the five years. With the increase in the threshold for capital assets, the cost of computer hardware and software, other than servers, is no longer included.

There is an additional **\$30,000** or **.2%** of the total capital expenditures \$6,000 per year for computer self-insurance. 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 **\$3,061,053** representing **4.2%** of the total expenditures.

FINANCE & TAX ITEMS

Since the Centre Tax Agency is now collecting the Earned Income Tax and the accounting software is being replaced with a Windows based Server, the IBM server will not be replaced nor will it be supported. It is planned to be phased out over the next two years and will be used for historical records in the interim.

The real estate tax collections are being managed on a cloud based system provided by RBA Data Systems of State College. This is a much easier, comprehensive and quicker means of recording payments. This eliminates any need for capital items related to real estate tax collections.

There is discussion in the tax collectors meetings related to online collections of real estate taxes. The school is interested in pursuing this and the Borough is interested in allowing online collections for all municipalities. There are third party solutions for this, one of which Ferguson uses for online collections currently.

The new Springbrook accounting software is expected to be up and running live late in 2013 and will be used in place of the ACS GFS system currently residing on the IBM i-series. Two years worth of quarterly summary account data (2012 and 2103) will be converted for comparative reasons. The IBM system will be used for historical details until some history is generated in the Springbrook system.

Springbrook will also change the way we process payments and receipts. All checks will be laser checks on specialty paper and the large multipart paper dot matrix printers will finally be retired. All the checks can be printed at one time instead of removing the check stock each time to change bank accounts. Receipts will be printed on a special receipt printer, akin to department store receipts, rather than written by hand on multipart paper. This will improve internal accounting controls and save processing time.

The Docuware document imaging system has more than 4 years of invoices and 2 years of deposits entered. This is a step in the process of eliminating paper document records for the Finance Department. The system allows essentially anyone with access to lookup any invoice contained within, using a simple index field search. Given the tens of thousands of documents, the time and space saved is significant.

INFORMATION TECHNOLOGY ITEMS

The computer marketplace is changing rapidly. Laptops are still replacing desktops in many cases. In addition, tablets are replacing laptops in some cases. Cellphones are becoming micro-computers. PCs and servers are continuing to shrink in size and increase in power. Software is becoming more and more complex and more powerful than ever before. Microsoft is selling a new version of its operating systems designed for tablets, Windows 8. Windows 7 is becoming the standard operating system, replacing the long lived Windows XP (and unpopular Windows Vista). Windows XP is no longer going to be supported after December 31, 2013.

The Township has selected a new technology support group, Hinton & Associates, for the computers and servers. They will be responsible for strategic planning, installations, maintenance of networks, hardware and software, and related communications along with technical support issues. The State College Borough IT will continue to manage the police records system, email, and the internet access.

Due to the decreasing cost of PCs and laptops, the multi-tiered system of replacement is being scaled back. Not that long ago, a PC was commonly \$2,500. A more powerful unit today, costs \$1,000. This has a significant impact on the multi-tiered replacement concept. Rather than passing down pcs from one user to another, they will be replaced and the existing pc will be donated, after securing the data from the hard drive. Some users are also receiving tablets for use during meetings and traveling.

The Centre Region Codes has selected a cloud based Tyler software package for processing regional permits and codes items. This package will allow each municipality to enter and process permits using this system at their own office. The data will be centrally located and shared by the members.

The next question relates to Office software. Given the cost increases with Microsoft products and planned future increases related to Microsoft Office, does it make sense to consider open source office suites such as Open Office.

GENERAL OBLIGATION FUND ITEMS

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 12/31/2012 is \$2,605,000. The last payment is due June 2017.

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.

- The pool projects balance at 12/31/2012 was \$5,818,810. The interest rate is fixed at 3.95% with a term of 16 years ending in 2028.
- The proposed financing of the Whitehall and Oak Hall parks projects is currently \$6,611,300 with no outstanding balance. The term of the loan is 20 years, ending in 2031, with an interest rate fixed at 2.8% for 10 years and then variable between 0% and 5.35% over the life of the loan.

2014

Replace One Server

\$15,000

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. This also includes combining two servers into one to save costs. There is no technical reason for the print server and the domain server to be on separate servers.

Install Additional 48 port Switch

\$4,500

This is to allow sufficient connections for the network and phone system given the increase in endpoints as the township needs have grown over time.

Computer Self Insurance

\$6,000

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%	\$556,825
COG Pools Loan	\$6,128,000	20 years	26.84%	\$119,873
COG Parks Loan	\$6,611,300	20 years	28.04%	\$152,500

This debt payment represents approximately 10% of the Township's general fund operating budget of \$8.0 million (less interfund transfers)

2015

Computer Self Insurance

\$6,000

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%	\$558,363
COG Pools Loan	\$6,128,000	20 years	26.84%	\$119,873
COG Parks Loan	\$6,611,300	20 years	28.04%	\$153,000

This debt payment represents approximately 10% of the Township's general fund operating budget of \$8.0 million (less interfund transfers)

2016

Computer Self Insurance

\$6,000

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%	\$558,856
COG Pools Loan	\$6,128,000	20 years	26.84%	\$119,873
COG Parks Loan	\$6,611,300	20 years	28.04%	\$130,500

This debt payment represents approximately 10% of the Township's general fund operating budget of \$8.0 million (less interfund transfers)

2017

Computer Self Insurance

\$6,000

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%	\$558,250
COG Pools Loan	\$6,128,000	20 years	26.84%	\$119,878
COG Parks Loan	\$7,002,000	20 years	28.04%	\$109,500

This debt payment represents approximately 10% of the Township's general fund operating budget of \$8.0 million (less interfund transfers)

2018

Computer Self Insurance

\$6,000

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

Debt Service

The Township bond issue is paid in full in 2017, so the debt service decreases by \$558,250 beginning in 2018. The debt service payments for the current year are as follows:

Description	Face	Term	Township Portion	Annual Payments
COG Pools Loan	\$6,128,000	20 years	26.84%	\$119,873
COG Parks Loan	\$6,611,300	20 years	28.04%	\$112,000

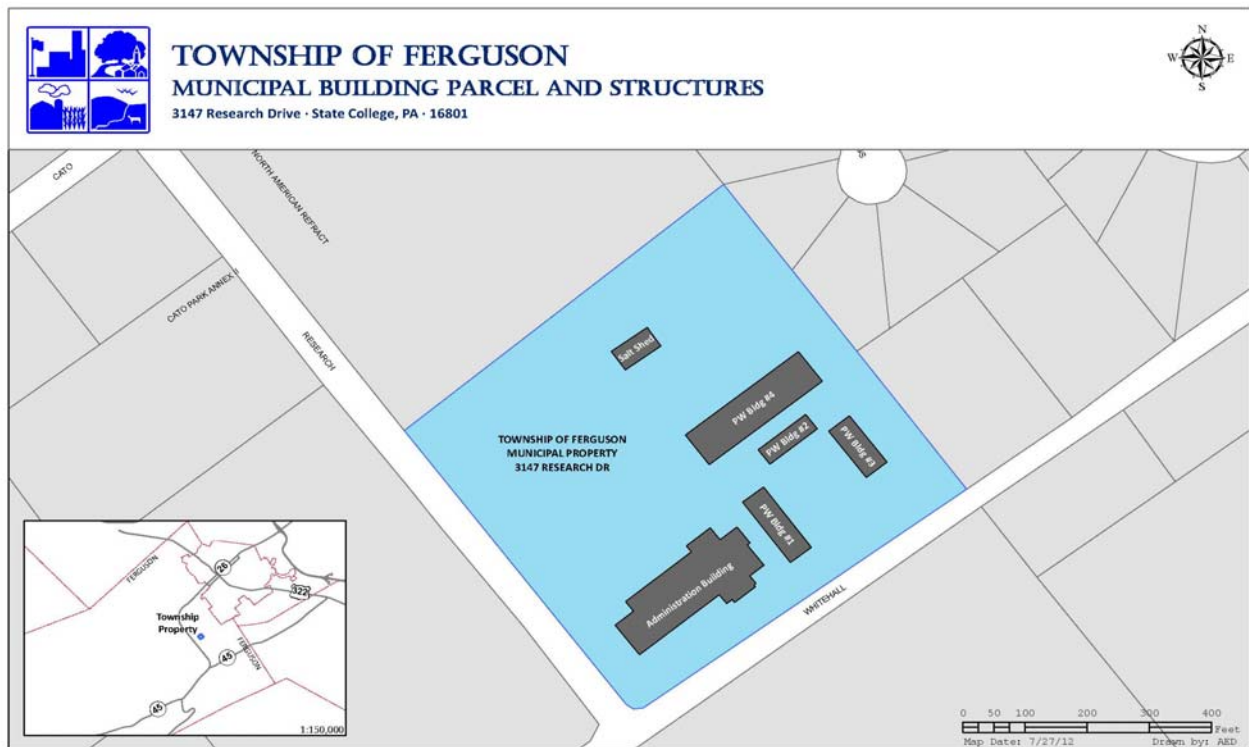
This debt payment represents approximately 3% of the Township's general fund operating budget of \$8.0 million (less interfund transfers)

BUILDINGS & GROUNDS NARRATIVE

The total proposed Buildings and Grounds capital costs for the 2014 to 2018 CIP is **\$440,400** or **3.7%** of the total capital expenditures for the five years.

The Building and Grounds Department is used to separate the costs to maintain the Township facilities from other expenses. The Township facilities are required to provide space for workers to perform the administrative duties of the Township, to provide a place for the public to meet, to provide a facility to maintain vehicles and equipment, to protect equipment from the elements, to provide security for equipment and to provide storage for salt and other supplies.

Following is a general map of the Township facilities.



Following is the basis for the replacement building equipment fund

ITEM	LIFE	EXPECTED REPLACEMENT DATE	AMOUNT
HVAC Roof units	15 Years	2021	\$250,000
Roof	15 Years	2021	\$60,000
Overhead doors	15 Years	2021	\$50,000
Miscellaneous items	15 Years	As needed	\$50,000

BUILDINGS & GROUNDS	New Equipment	Replacement Equipment
2014		
<i>Beginning Replacement Fund Balance</i>		\$157,000
Building equipment capital replacement fund		27,000
PW Building 1-replace reznor heaters with closed combustion gas heaters. This is a component related to conversion to CNG vehicles	\$30,000	
Upgrade current 8 door security system and add security to 5 doors. Main meeting room, police entrance and evidence room.	14,000	
Upgrade building camera system. Includes improved resolution and coverage.	18,000	
Mobile generator hookup. Part of the COOP plan for a portable generator	10,000	
Fire training trailer site plan. Request by COG for storage and training. Will be leased by COG.	10,000	
Fire training trailer concrete pad 40 x 50	7,400	
Fire training trailer structure 2,000 square feet	56,000	
Fire training trailer pervious paver driveway and sitework	10,000	
Fuel pump dispensers, island and canopy. The current pumps are 30 years old and parts are hard to get.	35,000	
Grass drop off structure at park	7,000	
<i>TOTAL</i>	\$197,400	
<i>Ending Replacement Fund Balance</i>		\$184,000
2015		
Building equipment capital replacement fund		\$27,000
PW Building 1 - CNG detection system. This detects the presence of CNG in the shop.	\$30,000	
Grass drop off structure at park	7,000	
<i>TOTAL</i>	\$37,000	
<i>Ending Replacement Fund Balance</i>		\$211,000
2016		
Building equipment capital replacement fund		\$27,000
Grass drop off structure at park	\$7,000	
<i>TOTAL</i>	\$7,000	

Ending Replacement Fund Balance		\$238,000
2017		
Building equipment capital replacement fund		\$27,000
100KW generator upgrade. This is to replace or add to existing generator	\$50,000	
Grass drop off structure at park	\$7,000	
TOTAL	\$57,000	
Ending Replacement Fund Balance		\$265,000
2018		
Building equipment capital replacement fund		\$27,000
Grass drop off structure at park	\$7,000	
TOTAL	\$7,000	
Ending Replacement Fund Balance		\$292,000

PUBLIC WORKS & ENGINEERING DEPARTMENTS NARRATIVE

The proposed Five-year Capital Improvement Program Budget for the Public Works Department equipment totals **\$1,901,786** or **15.8%** of the total capital expenditures. This includes engineering and maintenance section vehicles and equipment needs for the next five years.

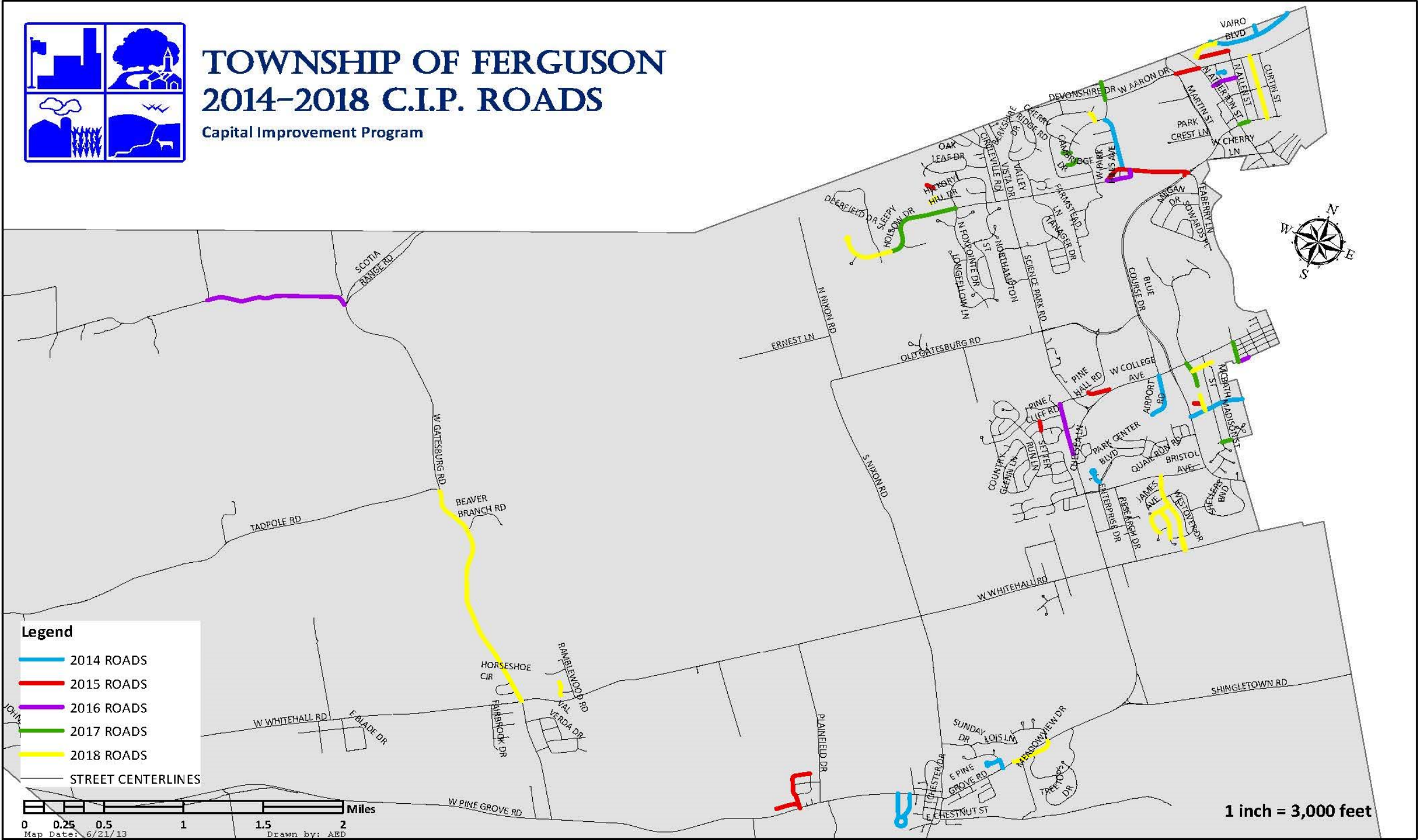
Transportation improvement fund projects total **\$6,609,000** or **54.8%** of the total capital expenditures for the five years and **9.6%** of the total five year expenditures.

Liquid Fuels fund expenditures represent **\$2,361,995** or **19.6%** of the five-year capital expenditures.

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.

Illustration 1: Five Year Road Projects Map



Following are the Township road projects for the next five years.

ROADS - Description	Const Year	Linear feet	Today's unit price	Unit Price in Construction Year	Construction Year Cost	
2014						
Microsurfacing and pavement preservation Townshipwide	2014	1	\$220,000	\$242,000	\$242,000	
Road Materials and Supplies	2014	1	\$26,000	\$28,600	\$29,000	
Airport Road materials and paver	2014	1	ls	ls	\$22,000	
Pavement Markings	2014	1	\$65,000	\$71,500	\$72,000	
Selders Circle - scratch and overlay, no curb	2014	725	\$65	\$72	\$52,000	
Subtotal Liquid Fuels						\$417,000
Selders Circle Drainage Pipe	2014	400	\$300	\$330	\$132,000	
Selders Circle Drainage Structures	2014	2	\$12,000	\$13,200	\$26,000	
Bikepaths and Parking Lots Pavement Repair and Sealcoating	2014	1	\$30,000	\$33,000	\$33,000	
Rosemont Drive Box Culvert - carryover from 2013	2014	1	\$110,000	\$121,000	\$121,000	
Haymarket Basin (materials only)	2014	1	\$9,000	\$9,000	\$9,000	
Subtotal Capital Reserve Fund						\$321,000
Westerly Parkway from Blue Course Drive to the Township/Borough line, recycle, fiber overlay - no curb, no stormpipe	2014	1800	\$77	\$85	\$152,000	
Westerly Parkway Inlet tops	2014	19	\$1,100	\$1,210	\$23,000	
Westerly Parkway ADA ramps	2014	10	\$4,000	\$4,400	\$44,000	
Vairo Boulevard, recycle, fiber overlay - no curb, no stormpipe	2014	2800	\$77	\$85	\$237,000	
Gateway Dr, base repair, scratch, fiber overlay	2014	700	\$85	\$94	\$65,000	
Gateway Dr curb	2014	1200	\$21	\$23	\$28,000	
Gateway Dr ramps	2014	0	\$4,000	\$4,400	\$0	
Gateway Dr drainage	2014	0	\$75	\$83	\$0	
Gateway Dr inlet tops	2014	1	\$1,100	\$1,210	\$1,000	
Abby Place, mill, base repair, scratch, overlay	2014	340	\$85	\$94	\$32,000	
Abby Place curb	2014	0	\$0	\$0	\$0	
Abby Place ADA ramps	2014	0	\$0	\$0	\$0	
Abby Place drainage	2014	0	\$0	\$0	\$0	
Abby Place inlets	2014	0	\$0	\$0	\$0	
Deepwood Cross Street - recycle,	2014	250	\$77	\$85	\$21,000	

Date: August 1, 2013

fiber overly, no curb, no stormpipe						
Deepwood Drive - recycle, fiber overly, no curb, no stormpipe	2014	2490	\$77	\$85	\$211,000	
Marjorie Mae - base repair and overlay	2014	300	\$115	\$127	\$38,000	
East Park Hills Ave btwn Circleville and Park Ln - base repair recycle, fiber overlay	2014	1900	\$85	\$94	\$178,000	
TIF SUBTOTAL						\$1,030,000
TOTAL					\$1,768,000	

ROADS - Description	Linear feet	Today's unit price	Unit Price in Construction Year	Construction Year Cost	
2015					
Microsurfacing and pavement preservation Townshipwide	1	\$220,000	\$266,200	\$266,000	
Road Materials and Supplies	1	\$26,000	\$31,460	\$31,000	
Pine Hall Court materials and paver	1	ls	ls	\$23,000	
Pavement Markings	1	\$65,000	\$78,650	\$79,000	
Subtotal Liquid Fuels					\$399,000
Bikepaths and Parking Lots Pavement Repair and Sealcoating	1	\$30,000	\$36,300	\$36,000	
Subtotal Capital Reserve Fund					\$36,000
Circleville Rd from Knob Hill to Blue Course Drive - recycle, fiber, overlay	2112	\$77	\$93	\$197,000	
Wyoming, no curb, cold in place recycle, fiber overlay	1700	\$77	\$93	\$158,000	
Kansa, no curb, cold in place recycle and fiber overlay	850	\$77	\$93	\$79,000	
Kansa drainage pipe 652 Kansa to 667 Kansa to backyard	500	\$75	\$91	\$45,000	
Kansa drainage inlets	4	\$3,000	\$3,630	\$15,000	
Kansa utility relocation	1	\$15,000	\$18,150	\$18,000	
Kansa ROW (drainage easement)	1	\$5,000	\$6,050	\$6,000	
Suburban Ave, mill curblin, base repair, fibermat overlay 1 1/2", SELECT CURB REPAIR ONLY,	1320	\$115	\$139	\$184,000	
Suburban Ave stormpipe	300	\$175	\$212	\$64,000	
Iroquois Road - base repair, scratch, overlay	480	\$77	\$93	\$45,000	
Kennelworth Court - base repair, scratch, overlay	400	\$77	\$93	\$37,000	
Ashburton Court - base repair, scratch, overlay	350	\$77	\$93	\$33,000	
W Aaron Drive from Martin Street to N Atherton Street, curb replacement, some drainage	740	\$152	\$184	\$136,000	
TIF SUBTOTAL					\$1,017,000
TOTAL				\$1,452,000	

ROADS - Description	Linear feet	Today's unit price	Unit Price in Construction Year	Construction Year Cost	
2016					
Microsurfacing and pavement preservation Townshipwide	1	\$220,000	\$292,820	\$293,000	
Road Materials and Supplies	1	\$26,000	\$34,606	\$35,000	
Knob Hill Road materials and paver	1	ls	ls	\$35,000	
Pavement Markings	1	\$65,000	\$86,515	\$87,000	
Subtotal Liquid Fuels					\$450,000
Bikepaths and Parking Lots Pavement Repair and Sealcoating	1	\$30,000	\$39,930	\$40,000	
Subtotal Capital Reserve Fund from General Fund					\$40,000
Highland Alley	400	\$85	\$113	\$45,000	
Science Park Court	1900	\$77	\$102	\$195,000	
Denton Avenue, base repair, mat, overlay, no curb, no drainage	900	\$85	\$113	\$102,000	
Denton Ave ADA ramps	2	\$4,000	\$5,324	\$11,000	
W Gatesburg Road from Boundary Oaks to Scotia Road	6125	\$77	\$102	\$628,000	
	0	\$0	\$0	\$0	
TIF SUBTOTAL					\$981,000
TOTAL				\$1,471,000	

ROADS - Description	Linear feet	Today's unit price	Unit Price in Construction Year	Construction Year Cost	
2017					
Microsurfacing and pavement preservation Townshipwide	1	\$220,000	\$322,102	\$322,000	
Road Materials and Supplies	1	\$26,000	\$38,067	\$38,000	
Pavement Markings	1	\$65,000	\$95,167	\$95,000	
Subtotal Liquid Fuels					\$455,000
Bikepaths and Parking Lots Pavement Repair and Sealcoating	1	\$30,000	\$43,923	\$44,000	
Subtotal Capital Reserve Fund from General Fund					\$44,000
Park Lane from Aaron Dr to Ferguson/Patton line, mill curblin and overlay or reclaim, no drainage, no curb	580	\$75	\$110	\$64,000	
Park Lane from Aaron Dr to Ferguson/Patton line, ADA ramps	8	\$4,000	\$5,856	\$47,000	
Appletree Circle, fiber, overlay, no inlets, no HC ramps	350	\$85	\$124	\$44,000	
Appletree Circle, new concrete mountable curb	700	\$20	\$29	\$20,000	
Owens	900	\$85	\$124	\$112,000	
Avebury Circle	600	\$105	\$154	\$92,000	
Myrtle Ave btwn McBath and Madison	300	\$85	\$124	\$37,000	
Sleepy Hollow Rd btwn Chestnut Ridge Dr and a point 0.59 miles west, mill, recycle, fiber overlay, no drainage, no curb	3115	\$77	\$113	\$351,000	
Sycamore Drive, base repair, fiber overlay	900	\$77	\$113	\$101,000	
sycamore Drive drainage ditches and driveway culverts	1800	\$77	\$113	\$203,000	
Clinton Ave btwn Atherton and N. Allen	317	\$105	\$154	\$49,000	
Corl Street between W College Ave and Highland Alley	740	\$85	\$124	\$92,000	
TIF SUBTOTAL					\$1,212,000
TOTAL				\$1,711,000	

ROADS - Description	Linear feet	Today's unit price	Unit Price in Construction Year	Construction Year Cost	
2018					
Microsurfacing and pavement preservation Townshipwide	1	\$220,000	\$354,312	\$354,000	
Road Materials and Supplies	1	\$26,000	\$41,873	\$42,000	
Pavement Markings	1	\$65,000	\$104,683	\$105,000	
Subtotal Liquid Fuels					\$501,000
Bikepaths and Parking Lots Pavement Repair and Sealcoating	1	\$30,000	\$48,315	\$48,000	
Subtotal Capital Reserve Fund					\$48,000
Bergman	900	\$77	\$124	\$112,000	
Goddard Circle	600	\$85	\$137	\$82,000	
Williamsburg Drive	1100	\$77	\$124	\$136,000	
Ash Ave	640	\$77	\$124	\$79,000	
Tadpole Road from W Gatesburg Road to Whitehall Road	8200	\$77	\$124	\$1,017,000	
Meckley Drive	1530	\$77	\$124	\$190,000	
Stonebridge Drive	2640	\$77	\$124	\$327,000	
Harris Street	2220	\$85	\$137	\$304,000	
Sleepy Hollow Drive from a point 0.59 miles west of Chestnut Ridge Drive to cul-de-sac recycle, fiber overlay, no drainage, no curb	5100	\$77	\$124	\$632,000	
Sassafras Court	300	\$77	\$124	\$37,000	
Conover Lane	600	\$77	\$124	\$74,000	
Red Lion Drive	1320	\$77	\$124	\$164,000	
Princeton Drive between Dogwood Circle and East Park Hills Ave	320	\$85	\$137	\$44,000	
TIF SUBTOTAL					\$3,198,000
TOTAL				\$3,747,000	

On the following page is the updated Public Works Equipment Condition Report

2013 FERGUSON TOWNSHIP EQUIPMENT CONDITION REPORT (valued at >= 25K)											
ID #		Year	Chassle	Engine	Body	Milleage or hours as of 4/30	2012 Labor	2012 Parts	2012 Total	VIN / MODEL #	Description/Driver
IM-100	Bomag Roller	1997	Good	Good	Good	611 hrs	\$180.00	\$258.36	\$438.36	13402	
IM-106	Pull Broom	1986	Poor	none	Poor						
IM-107	Ingersoll Rand Tow Behind Compressor	2003	Fair	Good	Fair	434 hrs	\$120.00	\$88.64	\$208.64	337723UEN295	
IM-117	Cat Skid Steer	2007	Fair	Good	Fair	805 hrs	\$180.00	\$329.27	\$509.27	MST00765	MST00765
IM-401	Brush Bandit 250XP Brush Chipper	2000	Fair	Good	Fair	1510 hrs	\$1,405.00	\$1,084.10	\$2,489.10	\$16,060	\$16,060.00
IM-402	Vermeer Brush Chipper	2004	Good	Good	Good	1260 hrs	\$440.00	\$502.00	\$942.00		
IM-404	ODB LT600 Leaf Collector	1992	Fair	Fair	Fair	2281 hrs	\$90.00	\$21.44	\$111.44	T04039D338200	DID NOT USE IN 09
IM-405	Tarco Leaf Collector	2001	Good	Good	Good	Did not use in 2012					DID NOT USE IN 08 & 09
IM-414	ODB Pull Behind Leaf Collector	2005	Good	Good	Good	508 hrs	\$450.00	\$1,464.37	\$1,914.37	PE4045T401805	
IM-500	Kubota ZD-21	2003	Fair	Good	Fair	1191 hrs	\$240.00	\$626.00		\$46,529	
IM-513	Kubota ZG-20	2007	Fair	Good	Fair	431 hrs	\$110.00	\$105.94	\$215.94	\$15,948	
PW-09	John Deere 6330 Tractor	2010	Good	Good	Good	991 hrs	\$410.00	\$536.00	\$946.00	LO6330H640499	
PW-10	Chevy Silverado 3500 1-Ton pickup	2010	Good	Good	Good	19045	\$125.00	\$45.00	\$170.00	1GC3KZBG1AF137856	NEW
PW-11	Int. Tymco Street Sweeper	2009	Good	Good	Good	4592 439 hrs	\$570.00	\$436.00	\$1,006.00	1HTMMAAN2AH194087	
PW-12	Freightliner Truck Mounted Leaf Collector	2008	Good	Good	Good	14444 1138 hrs	\$1,350.00	\$2,189.00	\$3,539.00	1FVACYBS39HA65144	
PW-14	Int. Single Axle Dump Truck	2006	Fair	Good	Good	19383	\$1,090.00	\$894.00	\$1,984.00	1HTWCAAR36J267594	D. McMonagle
PW-16	FL70 Freightliner Leaf Vac Truck	2004	Good	Good	Good	24,414 2,273 hrs	\$2,785.00	\$3,086.00	\$5,871.00	1FVABTAK34HMN5421	
PW-18	Ford F350 Utility Box Sign Truck	2003	Fair	Good	Fair	55,870	\$270.00	\$835.00	\$1,105.00	1FDSF31S33ED58351	
PW-19	Int. Single Axle Dump Truck	2010	Good	Good	Good	4,769	\$310.00	\$217.00	\$527.00	1HTWCAZR2AJ251495	Balban
PW-20	Ford F550 Super Duty Dump Truck	2001	Fair	Fair	Fair	43,318	\$540.00	\$2,280.00	\$2,820.00	1FDAF57F21EA03511	V. Holsinger
PW-21	Int. Tandem Axle Dump Truck	1999	Poor	Fair	Fair	43,800	\$435.00	\$142.24	\$578.00	1HTGLATTXXH643102	L. Rider
PW-22	Int. Single Axle 4x4 Dump Truck	1998	Poor	Poor	Fair	60,087	\$360.00	\$160.00	\$520.00	1HTSEAAAR0WH517969	C. Welker
PW-24	Int. Single Axle Dump Truck	1997	Poor	Fair	Fair	47,481	\$380.00	\$196.00	\$576.00	1HTGEAUR6VH441125	R. Tussey
PW-27	Ford F550 Super Duty Dump Truck	1999	Poor	Fair	Fair	49,500	\$300.00	\$180.00	\$480.00	1FDAF57F7XEB85960	BECOME SPARE C. Stashak
PW-31	Int. Single Axle 4x4 Dump Truck	1995	Poor	Fair	Poor	65000	\$600.00	\$626.00	\$1,226.00	1HTSEAAAR7SH685280	SPARE
PW-32	Ford F550 Super Duty Dump Truck	1999	Poor	Fair	Fair	54,600	\$885.00	\$975.00	\$1,860.00	1FDAF57F4XEB73703	S. Cox
PW-33	Ford F350 Utility Box Foreman's Truck	2002	Good	Good	Fair	65,000	\$130.00	\$46.00	\$176.00	1FDWW36S02EA99651	
PW-34	Ford Truck - VAC ALL	1997	Fair	Good	Fair	17,000 1,2500 hrs	\$745.00	\$920.00	\$1,665.00	1FOYH81E6VVA25561	SPARE
PW-35	Ford Fusion	2010	Good	Good	Good	20,641	\$210.00	\$259.00	\$469.00	3FAHPOHAOAR213114	Township Manager
PW-36	Chevy Impala Silver	2000	Fair	Fair	Fair	109,835	\$405.00	\$311.00	\$716.00	2G1WF52EOY9383592	Engineer
PW-39	Chevy Impala Gold	2002	Fair	Good	Fair	108,291	\$475.00	\$1,418.00	\$1,893.00	2G1WF55KX29308827	Engineer Assistant
PW-40	Int. Single Axle Dump Truck	2003	Fair	Good	Fair	27,200	\$270.00	\$240.00	\$510.00	1HTWDADR03J064716	C. Leidy
PW-42	621B Case Loader	1995	Poor	Fair	Poor	3,680	\$1,050.00	\$1,523.00	\$2,573.00	JFE0044624	
PW-43	4355 Massey-Ferguson Tractor	2003	Good	Good	Good	1338 hrs	\$280.00	\$211.00	\$491.00	L43127	
PW-44	420 D Catapillar Backhoe	2001	Fair	Good	Fair	3,440 hrs	\$1,790.00	\$853.00	\$2,643.00	BLN01706	
PW-45	Int. Single Axle Dump Truck	2008	Good	Good	Good	11,000	\$90.00	\$90.00	\$180.00	1HTWCAZR18J644415	D. Grenoble
PW-54	PA Int. Black Utility 3000 GVW	2003	Fair		Fair	----	\$0.00	\$0.00	\$0.00		
PW-55	Towmaster Trailer 10000 GVW	1997	Fair		Good	----	\$90.00	\$178.00	\$268.00		
PW-56	Interstate Trailer 12 Ton	2002	Fair		Fair	----	\$45.00	\$0.00	\$45.00	24DTA	
IM-403	2010 Brush Bandit 1590XP	2010	Good	Good	Good		\$465.00	\$392.00	\$857.00	4FMUS1815AR002118	
PW-8	2011 Ford F550 Truck (in service date 2.9.11)	2011	Good	Good	Good	6,566	\$430.00	\$1,760.00	\$2,190.00	1FDUF5HT0BEA65105	
	Kubota RTV Utility Vehicle	2007	Fair	Good	Fair	615 hrs	\$50.00	\$40.00	\$90.00	BU 7356	
	John Deere 6330 Tractor		Good	Good	Good	770 hrs	\$310.00	\$387.00	\$697.00		
	Chause Trailer Hot box	1996	Poor	Poor	Poor		\$120.00	\$45.00	\$165.00		
	Kubota Mower	2012	Good	Good	Good	New June 2012					
	John Deer 624 K Loader	2013	New 4-15-13								

Follow is the Public Works Equipment Request and replacement items for the next five years:

EQUIPMENT	6%	anticipated appropriation fund expenses	Cost in year of purchase
2014			
		Replace PW-22 a 1998 4x4 International single axle plow and dump truck	\$168,525
Emergency backup power for traffic signals with LEDs	\$18,020		
Traffic signal LED replacements(24 x 150 x2)	\$9,010		
UPS battery replacements	\$1,908		
4 ton Falcon asphalt hot box tandem dump trailer	\$22,531		
Used Bucket Truck (\$0 budgeted in 2013)	\$60,000		
4 leaf boxes 100% cost	\$20,000		
Truck with grappler and box 5% cost	\$10,400		
2 Storage cabinets	\$3,500		
SUBTOTAL EQUIP NOT IN FUND	\$145,369	SUBTOTAL 2014 EQ FUND EXP	\$168,525
2015			
		Replace PW-20 a 2001 Ford F550 plow and dump truck	\$114,660
Emergency backup power for traffic signals with LEDs	\$19,101	Replace PW-33 a 2002 Ford F350 crew cab foreman's truck	\$44,100
Traffic signal LED replacements(24 x 150 x2)	\$9,551	Replace IM-102 a 2000 crafcO crack sealer with air compressor	\$71,663
	\$0		
New crack router	\$12,000		
SUBTOTAL EQUIP NOT IN FUND	\$40,652	SUBTOTAL 2015 EQ FUND EXP	\$230,423
2016			
		Replace PW-40 a 2003 International single axle plow and dump truck	\$185,799
Traffic signal LED replacements(24 x 150 x2)	\$10,124	Replace PW-44 a 2001 Cat backhoe	\$127,339

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UPS battery replacements	\$2,144	Replace PW-21 a 1999 International tandem axle dump and plow truck	\$263,939
Replace IM-505 a 1990 Woods 10 foot wide bat wing mower	\$12,000	Replace IM-401 a 2000 Brush-Bandit brush chipper	\$57,881
Emergency backup power for traffic signals with LEDs	\$20,247		
SUBTOTAL EQUIP NOT IN FUND	\$44,515	SUBTOTAL 20165 EQ FUND EXP	\$634,957

2017			\$0
			\$0
Emergency backup power for traffic signals with LEDs	\$21,462	Replace 2007 IM-513 Kubota ZG-20 mower	\$30,388
Traffic signal LED replacements(24 x 150 x2)	\$10,731	Replace IM-402 a 2004 Vermeer brush chipper	\$46,189
		Replace PW-18 a 2003 Ford F350 sign truck (keep hydraulic post pounder)	\$66,853
UPS battery replacements	\$2,272	Replace PW-16 a 2004 Freightliner one-man leaf collector	\$243,101
			\$0
SUBTOTAL EQUIP NOT IN FUND	\$34,466	SUBTOTAL 2017 EQ FUND EXP	\$386,531

2018			\$0
		Replace PW-14 a 2006 International single axle dump and plow truck	\$204,843
Emergency backup power for traffic signals with LEDs	\$22,750	Replace IM-117 a 2007 Caterpillar skid steer loader	\$95,721
Traffic signal LED replacements(24 x 150 x2)	\$11,375		
UPS battery replacements	\$2,409		
SUBTOTAL EQUIP NOT IN FUND	\$36,534	SUBTOTAL 2018 EQ FUND EXP	\$300,564

POLICE DEPARTMENT NARRATIVE

The total proposed Public Safety department capital items for the 2014 to 2018 CIP is **\$886,115 or 7.4%** 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. Most patrol vehicles have been specified as Chevrolet Tahoes, as opposed to Caprice's, so that the CNG tank and fueling system may be accommodated and the benefits of fuel savings of CNG bi-fueled vehicles will be maximized.

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	2013 Chev Tahoe	2009 Ford Crown Victoria	2013 Chev Tahoe	2012 Chev Caprice	2011 Chev Caprice	2012 Chev Caprice	2009 Ford Crown Victoria		2010 Ford Fusion	2013 Chev Tahoe	2004 Ford Crown Victoria	2004 Chevy Impala	2011 Chev Tahoe	2008 Impala	2008 Ford Crown Victoria	2000 MCV	CRV 1995 Ford
Twp ID	100046	100196	100045	100043	100255	100048	100195		100253	100044	100010	100035	100254	100123	100193		100252
In Service	May-13	Jun-09	May-13	Oct-12	Aug-12	Oct-12	Jun-09		Apr-12	May-13	Apr-04	Nov-08	Aug-12	Mar-10	Oct-12	Jul-05	Jun-08
Assignmt	Patrol	Patrol	Patrol	Patrol	Patrol	Patrol	Patrol	Patrol	C.I.	Patrol	All	C.I.	Patrol	Admin	EVOC	Spec	CP/CM
CNG	Y		Y							Y							
Radio	XTL2500	MCS2000	XTL2500	XTL2500	XTL2500	XTL2500	XTL5000		No	XTL5000	MVA	MVA	MCS2000	MCS2000	MCS2000	Multiple	MVA
MCT	2013		2013	2013	2013	2013	2009			2009							
Model / In service	M-6 (2010)	M-6 (2009)	M-6 (2010)	M-6 (2010)	M-6 (2010)	M-6 (2010)	M-6 (2009)		None	M-6 (2010)	None	None	M-6 (2010)	None	None		None
R/ In service	VASCAR	VASCAR	VASCAR	VASCAR	VASCAR	VASCAR	VSPEC 2009		N/A	VASCAR	N/A	N/A	N/A	N/A	N/A		N/A
Est. Rplcmt	2018	2014	2018	2017	2016	2017	2015	2015	2017	2018	2015	2014	2016	2016		N/A	N/A
Color	Bl/Gray	White	Bl/gray	Silver	Silver	Silver	Dk Blue		Gold	Bl/Gray	Gray	Gray	Silver	Black	White	White	
Registrati on	MG4783G	MG6466E	MG4785G	MG3039G	MG7642F	MG3038G	EDD0010		GFW2466	MG4784G	EDE2416	DYZ7747	MG6670F	HJS9895	MG7443D	95356MG	MG4227B
Mileage May 2013	267	111,598	1,336	12,644	47,780	10,602	40,112		22,764	507	82,924	51,516	30,883	22,632	120,783	4,939	187,126

2014

Police Vehicles and Accessories

\$76,000

Two vehicles will be due for replacement.

Replace 2009 Ford Crown Victoria (FT-2)	\$32,000
Equipment and installation	\$8,000
Subtotal	\$40,000
Replace 2004 Chev Impala (FT-13)	\$31,000
Equipment and installation	\$5,000
Subtotal	\$36,000
Total	\$76,000

Note: Equipment and installation costs have increased due to the need to replace light bars and VASCAR units as marked patrol vehicles are replaced. Additionally, police equipment in vehicles is now being purchased locally and no longer from the car dealership. The current light bar LED light modules are starting to burn out and repair is cost prohibitive (more than half of a new bar). Our Current VASCAR units are approaching 10 years old, and are beginning to need repaired more frequently. VASCAR units will be replaced with VASCAR Plus III c units, which will better read the digital signals from the vehicles transmissions and should not require a special module to convert the digital signal from the vehicle to an analog signal the older units need to function.

Replacement of the unmarked traffic enforcement unit (FT-7) originally scheduled for 2014 has been moved to a subsequent year due to low mileage and still good condition.

CNG Conversion for Police Vehicles

\$31,500

This cost is for two of the 2013 Tahoes and the new FT-2 Tahoe converted to operate on Compressed Natural Gas. Grant funding may reduce the amount of this expenditure by half. (3 conversions @ 10,500 each)

<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 fund was started to help fund the replacement of the current and projected new integrated technologies for patrol vehicles, anticipating we would replace these units as we replaced the patrol cars. However, the technologies have continued to evolve, and it now appears we should consider replacing all the mobile computer units when we change the software system. This replacement may be as early as 2015 or 2016 since the current dispatch and records system vendor is phasing out our software. These systems can cost from \$15,000 to \$18,000 per car; we currently have 9 cars.</p>	<p>\$20,000</p>
<p><u>Interview Room Recording System</u></p> <p>A purpose built system for recording interviews in our two interview rooms is requested. Our current system will be eight years old and has not been reliable in recent years. A new system would provide substantially improved picture quality, reduce bleed over between rooms, and enhance reviewing, retrieving, downloading and bookmarking capabilities.</p>	<p>\$16,500</p>
<p><u>Accreditation Software</u></p> <p>The Accreditation Standards tracking software system has an additional module that assists with tracking policy changes, archiving, searching, training and will ready us for presentation and proof of compliance during the triennial accreditation assessment. This price includes licensing software for up to 25 users.</p>	<p>\$3,800</p>
<p><u>Crime Scene Camera</u></p> <p>A higher caliber camera with mounts, flash, tripod, etc. is needed for crime scene officers to accurately capture and document evidence to scale so that the photos can be sent to the crime lab for comparison for fingerprints, shoeprints and other impression evidence. This is a new camera that can be used for scaled photos that can be sent to lab for analysis.</p>	<p>\$2,815</p>
<p><u>Ballistic Shield</u></p> <p>A Level 3 Ballistic Shield is requested for our members of the Centre County Tactical Response Team and will be used in conjunction with the new South Central Mountains Terrorism Task Force Bearcat vehicle. This is a mobile personnel shield for use when exiting the vehicle. It will also be available for use by other members of the department for incidents that occur here in Ferguson Township.</p>	<p>\$2,500</p>

Post Mounted Speed Display Sign**\$4,500**

This item is requested to add to the current inventory of two radar signs to help address residents requests for traffic calming. In addition to advising motorists of their speed, the unit collects data that can be used to assist police/public works in developing and analyzing traffic calming/speed mitigation efforts.

Records Management/Mobile Data System**\$55,000**

Our current regionally shared dispatch and records management/mobile data system is being discontinued by the vendor. The consortium is beginning to look at replacement systems and it is anticipated a new system may be selected in 2014, with purchase of the new system as soon as 2015. Although costs have not yet been obtained, based on payment for our current system, this would be a prudent preliminary budget figure (\$110,000 over 2 years).

2015**Police Vehicles and Accessories****\$78,500**

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.

Add Chevrolet Tahoe (FT-8)	\$32,500
Equipment and installation	8,500
Subtotal	\$41,000
Replace 2004 Ford Crown Victoria (FT-12)	\$32,500
Equipment and installation	\$5,000
Subtotal	\$37,500
Total	\$78,500

Note: On the fleet map, FT-7 (unmarked traffic car) will become the Training car.

CNG Conversion for Police Vehicle**\$10,500**

This cost is for the new Tahoe to be converted to operate on Compressed Natural Gas. Grant funding may reduce the amount of this expenditure by half. (1 conversion @ 10,500 each)

Records Management/Mobile Data System

\$55,000

Our current regionally shared dispatch and records management/mobile data system is being discontinued by the vendor. It is anticipated the consortium will have selected a vendor and the purchase of the new system will have begun. This is the second of two anticipatory cost payments. (110,000 over 2 years).

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

\$20,000

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; with the addition above, we will have 10 patrol cars.

Secure Fenced Area

\$3,500

We currently do not have a secure area to store vehicles that are impounded for evidentiary reasons and must be held more than a few days. Many accredited departments have such an area. Patton Township Police have expressed interest in sharing a space, provided we can identify a location on property. This cost is for a 30 X 40 ft. area, crushed stone base with 7' galvanized fencing with barbed wire crown and a gate. (.5 * \$7,000). Because the vehicles have to be under the control of police, contracting out with a towing company is not viable. It may be possible to contract with the State College Borough for this service.

2016

Police Vehicles and Accessories

\$121,000

Three vehicles will be due for replacement.

Replace 2011 Chevrolet Caprice (FT-5)	\$33,000
Equipment and installation	\$8,750
Subtotal	\$41,750
Replace 2011 Chevrolet Tahoe (FT-14)	\$33,000
Equipment and installation	\$8,750
Subtotal	\$41,750
Replace 2008 Chevrolet Impala (FT-17)	\$32,000
Equipment and installation	\$5,000

Subtotal	\$37,500
Total	\$121,000

CNG Conversion

\$21,000

Both units will need converted to CNG to continue program and recognize fuel savings (2 @ 10,500)

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

\$20,000

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.

2017

Police Vehicles and Accessories

\$121,000

Three vehicles will be due for replacement.

Replace 2012 Chevrolet Caprice (FT-4)	\$33,500
Equipment and installation	\$8,750
Subtotal	\$42,250
Replace 2012 Chevrolet Caprice (FT-6)	\$33,500
Equipment and installation	\$8,750
Subtotal	\$42,250
Replace 2010 Ford Fusion (FT-10)(CI)	\$31,500
Equipment and installation	\$5,000
Subtotal	\$36,500
Total	\$121,000

CNG Conversions-

\$21,000

Both units will need converted to CNG should we choose to continue the program and recognize the fuel savings. (2@ \$10,500)

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

\$20,000

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.

2018

Police Vehicles and Accessories

\$129,000

Three patrol vehicles are due for replacement.

Replace 2013 Chevy Tahoe (FT-1)	\$34,000
Equipment and installation	\$9,000
Subtotal	\$43,000
Replace 2013 Chevy Tahoe (FT-3)	\$34,000
Equipment and installation	\$9,000
Subtotal	\$43,000
Replace 2013 Chevy Tahoe (FT-11)	\$34,000
Equipment and installation	\$9,000
Subtotal	\$43,000
Total	\$129,000

Note: Equipment includes strobe corner lighting, fleet keys, console, solid rear seat, shotgun lock, prisoner partition, radio/siren, paint & graphics.

CNG Conversions-

\$33,000

All units will need converted to CNG should we choose to continue the program and recognize the fuel savings, although it may be (may be possible to transfer the system equipment from units going out of service.(3 @ \$11,000)

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

\$20,000

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.

PLANNING & ZONING DEPARTMENT NARRATIVE

The total proposed capital costs for the Planning and Zoning Department totals **\$375,000** or **3.1%** 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.

2014	
<u>Installment for Streetscape Improvements</u> 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.	\$75,000
2015	
<u>Installment for Streetscape Improvements</u> 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.	\$75,000
2016	

<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>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>2018</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>

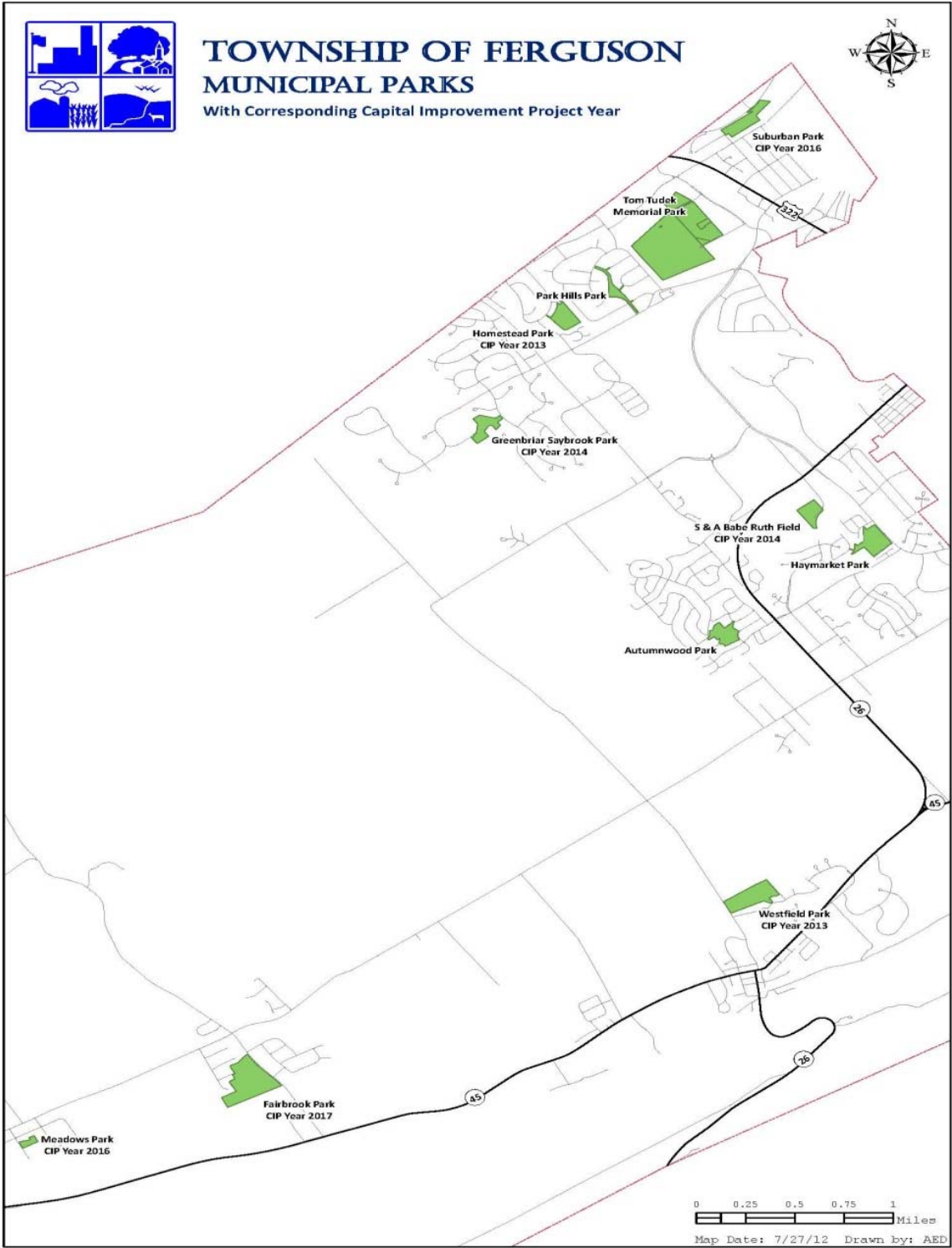
PARKS & RECREATION DEPARTMENT NARRATIVE

The proposed five-year Capital Improvement Program Budget for Parks and Recreation (not including CRCOG) totals **\$1,317,699** or **10.5%** 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.

Following is a general map of the Township parks.



2014

S & A Babe Ruth Field Improvements

\$200,000

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 now affiliated with Teener 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 -	\$125,000
Improvements Associated with Relocating Fencing -	<u>75,000</u>
Total	<u>\$200,000</u>

Potential Funding Partners

Ferguson Township	\$25,000
State College Babe Ruth League (secured funding)	25,000
Centre County Visitor and Convention Bureau (not secured)	25,000
West Penn Power (cash and In-Kind not secured)	25,000
State College Area School District (not secured)	25,000
Township	50,000
State College Borough (secured funding)	<u>10,000</u>
Total	<u>\$185,000</u>

Grant/municipal funding needed	\$15,000
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Potential funding from: Patton Township, College Township, Harris Township, Baseball Tomorrow Fund

Anticipate application for funding in 2013-4 with construction in 2015.

Westfield/Hillside Farm Estates Park

\$455,774

Development of Phase 1 of the Westfield/Hillside Farm Estates Park has been submitted for a Community Conservation Partnership Project grant to provide up to \$200,000 in funding. An additional \$255,000 has been set aside by the Township over the course of the past two years and combined with funding from fee-in-lieu received from nearby developments the funding for this project is in place. The township will not know about the state funding until the later part of 2013. Should state funding not be available a determination on what aspects of this project that can be completed will need to be made.

Replace Picnic Pavilion at Greenbriar/Saybrook Park (24' x 36' Glue Laminated shelter with shingles

\$36,400

Park Trees (various locations: 20 trees installed @ 460/tree)

\$9,200

Park Amenities (benches, trash containers, grills, doggie stations)

\$13,400

Playground Safety & Update Program

To provide for equipment upgrades and replacements in order to meet playground safety standards.

\$31,900

2015

Partial Update to Tudek Park Master Plan

A portion of the park master plan has been developed in the area of the dog park and along Park Crest Lane in a more detailed manner than depicted on the original park master plan. Additionally, some envisioned development might not be needed with the addition of the regional parks. Engaging a consultant to update this portion of the park master plan will provide guidance

\$7,500

Tudek Farmhouse Roof Replacement

\$6,000

Park Trees (various locations: 20 trees installed @ 460/tree)

\$9,700

Park Amenities (benches, trash containers, grills, doggie stations)

\$14,000

Playground Safety & Update Program

To provide for equipment upgrades and replacements in order to meet playground safety standards.

\$33,500

2016

Replace Picnic Pavilion at Meadows Park

(24' x 36' Glue Laminated shelter with shingles, concrete floor,

\$38,200

installed)	
<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 @ 460/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>Tudek Park Phase 3a</u> Completion of park master plan in the area just south of Herman Drive by paving remaining portion of parking lot, construct two basketball courts, complete sidewalk connections, install age appropriate play equipment, and install landscaping.	\$257,250
<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
<u>Park Trees (various locations: 20 trees installed @ \$500/tree)</u> Concentration on newer parks to begin installation of landscaping	\$10,000
2018	
<u>Tudek Barn Roof Replacement/Replace Barn Doors</u>	\$38,000
<u>Playground Safety & Update Program</u> To provide for equipment upgrades and replacements in order to meet playground safety standards	\$36,900
<u>Park Trees (various locations: 20 trees installed @ \$500/tree)</u> Concentration on newer parks to begin installation of landscaping	\$11,000