

Capital Reserve Fund

Policy Objectives:

The Capital Reserve Fund accounts for the resources used to fund projects in excess of \$10,000. These resources come from transfers, grants and other sources of funding.

Five Year Capital Improvement Program									
Capital Reserve Fund									
2016-2020									
Acct #	Project	Total	2016	2017	2018	2019	2020		
31-29-002	Fire Companies Truck Fund	\$250,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
31-29-006	Emergency Vehicle Pre-emption	\$190,000	\$65,000	\$50,000	\$75,000	\$0	\$0	\$0	\$0
31-29-007	Automated License Plate Reader	\$0	\$0	\$40,000	\$0	\$0	\$0	\$0	\$0
31-39-026	CBD Banners	\$12,500	\$12,500	\$0	\$0	\$0	\$0	\$0	\$0
31-39-031	Update Zoning Ordinance	\$70,000	\$70,000	\$0	\$0	\$0	\$0	\$0	\$0
31-49-054	PW Complex Improvements	\$591,600	\$301,600	\$90,000	\$100,000	\$0	\$0	\$100,000	\$0
31-49-055	MS4 Improvement Program	\$145,000	\$45,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
31-49-056	Stormwater Abatement Program	\$1,205,000	\$240,000	\$505,000	\$435,000	\$25,000	\$25,000	\$0	\$0
31-49-057	Street Program	\$3,560,000	\$660,000	\$680,000	\$650,000	\$705,000	\$0	\$865,000	\$0
31-49-061	Traffic Signal Head Replacement	\$35,000	\$35,000	\$0	\$0	\$0	\$0	\$0	\$0
31-49-064	Pedestrian Signal Head Replacements	\$175,000	\$0	\$175,000	\$0	\$0	\$0	\$0	\$0
31-49-065	Traffic Signal Video Detection	\$120,000	\$30,000	\$90,000	\$0	\$0	\$0	\$0	\$0
31-49-067	Oak Street Bridge Guiderail Replacement	\$165,000	\$165,000	\$0	\$0	\$0	\$0	\$0	\$0
31-59-074	Public Library Improvements	\$200,000	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0
31-59-080	Railroad Right of Way Linear Park	\$385,000	\$385,000	\$0	\$0	\$0	\$0	\$0	\$0
31-59-081	Playground Improvements	\$79,691	\$24,566	\$13,900	\$19,125	\$4,100	\$18,000	\$0	\$0
31-59-083	Pool Improvements	\$66,475	\$46,475	\$10,000	\$0	\$10,000	\$0	\$0	\$0
31-59-084	Wenger Property Pedestrian Trail	\$175,000	\$0	\$25,000	\$150,000	\$0	\$0	\$0	\$0
31-59-088	Playground Resurfacing	\$102,128	\$33,134	\$0	\$23,423	\$0	\$0	\$45,571	\$0
31-69-100	Borough Building Maintenance	\$500,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
31-69-102	Fulton Maintenance Garage	\$200,000	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0
31-69-103	Civic Contributions	\$481,940	\$134,364	\$86,894	\$86,894	\$86,894	\$86,894	\$86,894	\$86,894
Total		\$8,749,334	\$2,597,639	\$2,140,794	\$1,714,442	\$1,005,994	\$1,290,465	\$440,000	\$0
Liquid Fuels Funding		\$2,015,000	\$360,000	\$380,000	\$400,000	\$435,000	\$440,000	\$440,000	\$0
Non-Borough Funding		\$16,030	\$0	\$16,030	\$0	\$0	\$0	\$0	\$0
Total Outlay of Capital Reserve Fund		\$6,718,304	\$2,237,639	\$1,744,764	\$1,314,442	\$570,994	\$850,465	\$850,465	\$0

Project Title Fire Companies Truck Fund
Account # 31-29-002

Description

This project provides an annual allocation for apparatus replacement for the Pioneer and Lincoln Fire Companies. This funding is set aside by each company in a truck replacement fund for future purchases of major fire fighting equipment. Each company is allocated \$25,000 per year.

<u>Year</u>	<u>Borough</u>	<u>Non-Borough</u>	<u>Total</u>
2016	\$50,000	\$0	\$50,000
2017	\$50,000	\$0	\$50,000
2018	\$50,000	\$0	\$50,000
2019	\$50,000	\$0	\$50,000
2020	\$50,000	\$0	\$50,000
Total	\$250,000	\$0	\$250,000

Financing Sources

Capital Reserve Fund

2016
\$50,000

Future
\$200,000

Impact on Future Operating Budgets

No impact

Project Manager

Gail M. Bare, Director of Administration and Finance

Project Title **Emergency Vehicle Pre-emption Equipment**
Account # **31-29-006**

Description

This project will install new emergency vehicle pre-emption equipment at 14 of 21 signalized intersections where none currently exists. Priority installations shall occur along the 322 corridor through the Central Business District plus the intersection of 272 and Martin Avenue. The following intersections require emergency vehicle pre-emption equipment installation:

- West Main Street & Market Street
- West Main Street & Academy Drive
- Main Street & State Street
- West Main Street & Parkway/Arch Street
- South State Street & Fulton Street
- West Main Street & Church Street
- North State Street & Locust Street
- East Main Street & Lake Street
- North Reading Road & Martin Avenue
- East Main Street & Lincoln Avenue
- North Reading Road & Dutchland Avenue
- South Reading Road & South State Street
- South Reading Road & Rothsville Road
- East Main Street & Bethany Road

<u>Year</u>	<u>Borough</u>	<u>Non-Borough</u>	<u>Total</u>
2016	\$65,000	\$0	\$65,000
2017	\$50,000	\$0	\$50,000
2018	\$75,000	\$0	\$75,000
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
Total	\$190,000	\$0	\$190,000

Financing Sources

Capital Reserve Fund

<u>2016</u>	<u>Future</u>
\$65,000	\$125,000

Impact on Future Operating Budgets

Slightly greater electric consumption.

Project Manager

David Burkholder, Project Manager

Project Title Automated License Plate Reader
Account # 31-29-007

Description

The ALPR is a device that mounts to a police vehicle in order to scan license plates for stolen vehicles, wanted persons, suspended registrations and expired registrations. Each vehicle that is equipped with such a device can scan approximately 50,000 plates per month based on our experience. Currently this is done manually by officers. We are requesting (2) Units.

<u>Year</u>	<u>Borough</u>	<u>Non-Borough</u>	<u>Total</u>
2016	\$0	\$0	\$0
2017	\$23,970	\$16,030	\$40,000
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
Total	\$23,970	\$16,030	\$40,000

<u>Financing Sources</u>	<u>2016</u>	<u>Future</u>
Capital Reserve Fund	\$0	\$40,000

Impact on Future Operating Budgets

No impact

Project Manager

Thomas Shumaker, Police Lieutenant

Project Title CBD Banners

Account # 31-39-026

Description

This project manufactures and supplies a 2nd set of 75 - 42" x 84" outside exposure banners with print on both sides for installation throughout the Borough's Central Business District on existing banner poles. Banner material, color and theme to be determined prior to manufacturing.

<u>Year</u>	<u>Borough</u>	<u>Non-Borough</u>	<u>Total</u>
2016	\$12,500	\$0	\$12,500
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
Total	\$12,500	\$0	\$12,500

Financing Sources

Capital Reserve Fund

2016

\$12,500

Future

\$0

Impact on Future Operating Budgets

No impact

Project Manager

David Burkholder, Project Manager

Project Title Update Zoning Ordinance

Account # 31-39-031

Description

The Zoning Ordinance will be updated based on guidelines established in the 2014 Strategic Comprehensive Plan. Adoption of an updated Comprehensive Plan and subsequent updating of the zoning ordinance is a continuing planning process that is required by the Pennsylvania Municipalities Planning Code.

<u>Year</u>	<u>Borough</u>	<u>Non-Borough</u>	<u>Total</u>
2016	\$70,000	\$0	\$70,000
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
Total	\$70,000	\$0	\$70,000

Financing Sources

Capital Reserve Fund

2016

\$70,000

Future

\$0

Impact on Future Operating Budgets

No impact

Project Manager

Nancy Harris, Planning and Engineering Manager

Project Title Public Works Complex Improvements
Account # 31-49-054

Description

This project includes various Public Works Complex and equipment improvements as defined in the Operations Facilities Master Plan. The storage building improvements will reduce the risk of salt leeching into the ground and preserve the equipment, the brine makers will reduce staff time in treating roads during snow and ice events and make the roads safer for the residents, and the upgrades to the facility will preserve the integrity of the facility and make for safer working environments.

2016	\$ 301,600	Winter Equipment & Material Storage Building to storage 1,200 tons of salt , snow equipment and comply with MS4 regulations
2017	\$ 90,000	Automated brine maker will provide for pretreatment of Borough streets prior to winter events with salt brine. Includes distribution tank for one of the dump trucks
2018	\$ 100,000	Public Works Garage Updates - Include pressure washing the interior, upgrading lights, painting, sound boards added to the walls, level the floor, new drains & epoxy coating on the floors
2020	\$ 100,000	Construct retaining wall and reconstruct the Pine Street entrance for safer entering and exiting of lower yard. Construct a pole shed for trailer and dry goods storage

2016	\$301,600	\$0	\$301,600
2017	\$90,000	\$0	\$90,000
2018	\$100,000	\$0	\$100,000
2019	\$0	\$0	\$0
2020	\$100,000	\$0	\$100,000
Total	<u>\$591,600</u>	<u>\$0</u>	<u>\$591,600</u>

Financing Sources

	<u>2016</u>	<u>Future</u>
Capital Reserve Fund	\$301,600	\$290,000

Impact on Future Operating Budgets

No impact

Project Manager

Paul Swangren, Superintendent of Public Works

Project Title MS4 Improvement Program

Account # 31-49-055

Description

This multi-year program is intended to develop requirements and establish a plan to maintain compliance with Ephrata Borough's MS4 permit for stormwater. 2016 actions will include developing one of the BMB sites identified in the master plan. This will include plans, specs and construction. Subsequent years will involve construction of the other site on the master plan. The 2016 budget will also include contract service to complete the Maintenance and Operations Manual for Stormwater Operations

<u>Year</u>	<u>Borough</u>	<u>Non-Borough</u>	<u>Total</u>
2016	\$45,000	\$0	\$45,000
2017	\$25,000	\$0	\$25,000
2018	\$25,000	\$0	\$25,000
2019	\$25,000	\$0	\$25,000
2020	\$25,000	\$0	\$25,000
Total	\$145,000	\$0	\$145,000

Financing Sources

Capital Reserve Fund

2016
\$45,000

Future
\$100,000

Impact on Future Operating Budgets

There is an ongoing maintenance cost for all stormwater BMP's

Project Manager

MS4 Committee

Project Title Stormwater Abatement Program

Account # 31-49-056

Description

This program has been developed to abate stormwater problems on Borough maintained streets and has been coordinated with the street and alley improvements program. The projects will control surface run-off and reduce flooding on designated streets and/or alleys during intense rainfall conditions. See details on next page.

<u>Year</u>	<u>Borough</u>	<u>Non-Borough</u>	<u>Total</u>
2016	\$240,000	\$0	\$240,000
2017	\$505,000	\$0	\$505,000
2018	\$435,000	\$0	\$435,000
2019	\$25,000	\$0	\$25,000
2020	\$0	\$0	\$0
Total	\$1,205,000	\$0	\$1,205,000

Financing Sources

Capital Reserve Fund

Highway Aid Fund

<u>2016</u>	<u>Future</u>
\$240,000	\$965,000
\$0	\$0

Impact on Future Operating Budgets

\$150 per year in additional maintenance expenditures for each inlet added to the stormwater system.

Project Manager

David Burkholder, Project Manager

STORMWATER PROJECT DETAIL

PROJECT	FROM	TO
 2016		
Spring Garden Street <i>(\$200,000 for revised construction plans, bidding documents and construction)</i>	Hill Street	East Walnut Street
Lincoln Avenue <i>(\$40,000 for analysis, design, engineering and construction/bidding documents)</i>	Hill Street	Marshall Street
 2017		
Lincoln Avenue <i>(\$460,000 for construction)</i>	Hill Street	Marshall Street
Lincoln Heights Area <i>(\$45,000 for analysis, design, engineering and construction/bidding documents)</i>		
 2018		
Lincoln Heights Area <i>(\$385,000 for construction)</i>		
North Aqueduct <i>(\$50,000 for analysis, design, engineering and construction plans/bidding documents - Phase 1)</i>	East Walnut Street	Marshall Street
 2019		
North Aqueduct <i>(Budget estimate for Phase 1 construction costs to be determined)</i>	East Walnut Street	Marshall Street
North Aqueduct <i>(\$25,000 for construction plans/bidding documents - Phase 2)</i>	East Walnut Street	Marshall Street
 2020		
North Aqueduct <i>(Budget estimate for Phase 2 construction costs to be determined)</i>	East Walnut Street	Marshall Street

Project Title Street Program
Account # 31-49-057

Description

The Borough typically uses a hybrid of MicroPAVER and PASER street condition data along with traffic count data, ride quality and general observations to assist in determining future, appropriate pavement maintenance and rehabilitation methods and priorities. Priority considerations to address rapidly declining surface conditions to numerous streets and alleys include several alley reconstructions and minor street rehabilitation, such as milling and overlaying, to extend the life of a street or post-waterline/storm sewer system installation to improve ride and driveability. See street and alley details on next page.

This project also includes annual thermoplastic pavement marking replacements where necessary at signalized intersections and other areas, as applicable.

<u>Year</u>	<u>Borough</u>	<u>Non-Borough</u>	<u>Total</u>
2016	\$300,000	\$360,000	\$660,000
2017	\$300,000	\$380,000	\$680,000
2018	\$250,000	\$400,000	\$650,000
2019	\$270,000	\$435,000	\$705,000
2020	\$425,000	\$440,000	\$865,000
Total	\$1,545,000	\$2,015,000	\$3,560,000

Financing Sources

	<u>2016</u>	<u>Future</u>
Highway Aid Funding	\$360,000	\$1,655,000
Capital Reserve Fund	\$300,000	\$1,245,000

Impact on Future Operating Budgets

Cost savings realized since newly rehabilitated streets require little or no maintenance such as crack sealing, base repairs, and pothole remediation within the first 7-10 years

Project Manager

David Burkholder, Project Manager

STREET AND ALLEY PROGRAM DETAIL

<u>PROJECT</u>	<u>FROM</u>	<u>TO</u>	<u>METHOD</u>	<u>AMOUNT</u>
2016				
Niss Avenue	South Reading Road	James Avenue	FD Reclamation	\$250,000
Steinmetz Road (Partial)	TBD	TBD	Mill & Overlay	\$60,000
Akron Road	Borough Line	Pavers Lane	Mill & Overlay	\$130,000
Rose Alley	Grape Alley	Lincoln Avenue	Reconstruction	\$65,000
Cedar Hill Alley	East Pine Street	East Pine Street	Reconstruction	\$75,000
Stunzi Alley	West Locust Street	West Chestnut Street	Reconstruction	\$45,000
Hazel Alley	Terrace Avenue	Stunzi Alley	Reconstruction	<u>\$15,000</u>
				\$640,000
2017				
Pointview Avenue	Lemon Street	Sycamore Road	FD Reclamation	\$220,000
Spring Garden Street	Hill Street	East Walnut Street	FD Reclamation	\$200,000
Penn Avenue	First Street	Third Street	Mill & Overlay	\$165,000
Penn Avenue	First Street	Cloister Alley	Reconstruction	<u>\$75,000</u>
				\$660,000
2018				
Marion Terrace	Timothy Lane	Terminus	Mill & Overlay	\$195,000
Lincoln Avenue	East Locust Street	East Walnut Street	Mill & Overlay	\$185,000
Marshall Street	North State Street	Lincoln Avenue	Mill & Overlay	\$130,000
Lemon Street	South State Street	Terminus	Mill & Overlay	<u>\$120,000</u>
				\$630,000
2019				
Apple Street	West Main Street	Borough Line	Mill & Overlay	\$180,000
Clearview Avenue	Dawn Avenue	North Academy Drive	Mill & Overlay	\$95,000
Dawn Avenue	North Reading Road	North Academy Drive	Mill & Overlay	\$165,000
Henn Avenue	Niss Avenue	Rothsville Road	FD Reclamation	<u>\$215,000</u>
				\$655,000
2020				
Old Mill Road	Cocalico Creek Bridge	South Reading Road	Mill & Overlay	\$335,000
Lincoln Heights Avenue	Blossom Avenue	Terminus	Mill & Overlay	\$350,000
Hummer Road	Lincoln Heights Avenue	Terminus	Mill & Overlay	<u>\$160,000</u>
				\$845,000

Project Title Traffic Signal Head Replacement
Account # 31-49-061

Description

This project will replace existing 8-inch signal heads with 12-inch signal heads and install new appropriately sized back plates on the Main Street approaches intersecting with Lincoln Avenue, Lake Street, Church Street, and Arch Street/Parkway. This will create improved visual contrast and make the signal heads easier to see. The 2009 comprehensive traffic study revealed that the presence of street trees and multi-colored building facades along Main Street creates a moderate amount of visual clutter that, in some cases, makes the signal heads difficult to see from a distance creating a safety hazard. This project also installs "countdown" pedestrian signals at the Main Street and State Street intersection.

<u>Year</u>	<u>Borough</u>	<u>Non-Borough</u>	<u>Total</u>
2016	\$35,000	\$0	\$35,000
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
Total	\$35,000	\$0	\$35,000

Financing Sources

Capital Reserve Fund

<u>2016</u>	<u>Future</u>
\$35,000	\$0

Impact on Future Operating Budgets

Approximately \$350 per year in electric consumption. Increased module replacement costs

Project Manager

David Burkholder, Project Manager

Project Title Pedestrian Signal Head Replacement

Account # 31-49-064

Description

This project provides engineering, design and construction activities for safer pedestrian passage at signalized intersections by replacing existing vehicular (R-Y-G) signal heads, currently used for pedestrian signals, with current standard "hand/man" pedestrian signal heads, installing ADA ramps as necessary, updating pedestrian crossing signal push buttons and installing or replacing crosswalks, as necessary at the following intersections:

- South Reading Road (272) and South State Street
- South Reading Road (272), Rothsville Road and Parkview Heights Road
- East Main Street (322) and Bethany Road
- West Main Street (322) and Market Street

Installing ADA ramps and crosswalks where none adequately exist is a current PennDOT requirement for providing updated pedestrian signals.

<u>Year</u>	<u>Borough</u>	<u>Non-Borough</u>	<u>Total</u>
2016	\$0	\$0	\$0
2017	\$175,000	\$0	\$175,000
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
Total	\$175,000	\$0	\$175,000

Financing Sources

Capital Reserve Fund

2016

\$0

Future

\$175,000

Impact on Future Operating Budgets

Approximately \$250 less per year in electric consumption. Increased module replacement costs

Project Manager

David Burkholder, Project Manager

Project Title Traffic Signal Upgrades - Video Detection

Account # 31-49-065

Description

This project will furnish all labor, supervision, tools, materials, equipment and all else necessary or required to convert the current traffic detection method from loop and/or microwave detection to video or radar detection, complete in place, including mounting brackets and assemblies, detection processor, cable/wire, modifications to the existing signal controller, restoration of all affected surfaces and training. Due to their proximity to the high school and middle school, pilot projects are planned at the following signalized intersections:

- South Reading Road (SR 0272) & Meadow Valley Road
- South Reading Road (SR 0272) & South Academy Drive & Old Mill Road

Advanced detection, such as video or radar, allows efficient, adaptive traffic signalization timing based on current observed traffic conditions.

<u>Year</u>	<u>Borough</u>	<u>Non-Borough</u>	<u>Total</u>
2016	\$30,000	\$0	\$30,000
2017	\$90,000	\$0	\$90,000
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
Total	\$120,000	\$0	\$120,000

Financing Sources

Capital Reserve Fund

<u>2016</u>	<u>Future</u>
\$30,000	\$90,000

Impact on Future Operating Budgets

Slightly greater electric consumption. Reduction or elimination of fire police and local police during school days and school events to assist with traffic flow issues.

Project Manager

David Burkholder, Project Manager

Project Title South Oak Street Bridge Guiderail Replacement
Account # 31-49-067

Description

This project replaces the existing aluminum railing mounted on the bridge structure with a reinforced concrete vertical wall barrier on the South Oak Street Bridge per maintenance recommendation in the 2013 NBIS Routine Bridge Inspection Summary by Mackin Engineering Company from New Cumberland, PA as contracted by PennDOT. The existing aluminum railing has been deemed inadequate for site conditions in preventing vehicle pass-through upon impact. Construction activities will likely consist of removing the existing aluminum railing, scarifying the top of existing bridge deck to 1" below existing reinforcing bar, connecting main rebars to top mat, form and pour a reinforced concrete vertical wall barrier along the length of the bridge and u-wings or something similar in accordance with PennDOT bridge construction standards.

<u>Year</u>	<u>Borough</u>	<u>Non-Borough</u>	<u>Total</u>
2016	\$165,000	\$0	\$165,000
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
Total	\$165,000	\$0	\$165,000

Financing Sources

Capital Reserve Fund

2016

\$165,000

Future

\$0

Impact on Future Operating Budgets

If lighting must be replaced, there could be some savings realized if LED or more efficient type lighting is installed.

Project Manager

David Burkholder, Project Manager

Project Title Ephrata Public Library Improvements
Account # 31-59-074

Description

The current library roof was installed in 1993 and had a 20 year warranty. The roof is now 23 years old and is leaking in a number of spots. This project proposes to replace the existing leaking ballast roof with a new EPDM rubber membrane roof.

<u>Year</u>	<u>Borough</u>	<u>Non-Borough</u>	<u>Total</u>
2016	\$0	\$0	\$0
2017	\$200,000	\$0	\$200,000
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
Total	\$200,000	\$0	\$200,000

Financing Sources

Capital Reserve Fund

2016

\$0

Future

\$200,000

Impact on Future Operating Budgets

Project Manager

David Burkholder, Project Manager

Project Title Railroad Right of Way Linear Park
Account # 31-59-080

Description

This project provides for the continuation of the Linear Trail from just south of West Chestnut Street to West Pine Street. The trail will be constructed in similar fashion to those sections of trail already completed including an asphalt trail surface, stormsewer, fencing, lighting, benches, trash receptacles, etc.

<u>Year</u>	<u>Borough</u>	<u>Non-Borough</u>	<u>Total</u>
2016	\$385,000	\$0	\$385,000
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
Total	\$385,000	\$0	\$385,000

<u>Financing Sources</u>	<u>2016</u>	<u>Future</u>
Capital Reserve Fund	\$385,000	\$0

Impact on Future Operating Budgets

\$2,500 per year for additional trail maintenance.

Project Manager

David Burkholder, Project Manager

Project Title Playground Improvements

Account # 31-59-081

Description

This is an ongoing program aimed at replacing and refurbishing playground equipment and amenities in our parks to meet the community's needs as well as improving the safety and aesthetics of facilities.

2016	Terraces Park Tennis & Basketball Court Maint. & Grater Parks Bleachers
2017	Nissley Park Basketball Court & Brickyard Park Tennis Maintenance
2018	Grater Park & Terraces Park Backstop Replacements
2019	Sycamore Park Basketball Court Maintenance
2020	Replace Playground equipment at Redcay Park

<u>Year</u>	<u>Borough</u>	<u>Non-Borough</u>	<u>Total</u>
2016	\$24,566	\$0	\$24,566
2017	\$13,900	\$0	\$13,900
2018	\$19,125	\$0	\$19,125
2019	\$4,100	\$0	\$4,100
2020	\$18,000	\$0	\$18,000
Total	\$79,691	\$0	\$79,691

Financing Sources

Capital Reserve Fund

<u>2016</u>	<u>Future</u>
\$24,566	\$55,125

Impact on Future Operating Budgets

No impact

Project Manager

Jim Hackett, Parks Manager, Ephrata Recreation Center

Jim Summers, Executive Director Ephrata Recreation Center

Project Title Pool Improvements

Account # 31-59-083

Description

This project will allow for improvements to the Community Pool. In 2016, the improvements include removal and replacement of a section of the childrens area where the plaster is no longer adhering to the cement floor (\$14,475), removal and replacement of the retaining wall with a poured concrete wall (\$23,500), repainting of the pool bathroom walls and floor (\$2,500) and construction of a wall between the snack bar and storage area (\$6,000). In future years the monies allow for adding amenities to the pool.

<u>Year</u>	<u>Borough</u>	<u>Non-Borough</u>	<u>Total</u>
2016	\$46,475	\$0	\$46,475
2017	\$10,000	\$0	\$10,000
2018	\$0	\$0	\$0
2019	\$10,000	\$0	\$10,000
2020	\$0	\$0	\$0
Total	\$66,475	\$0	\$66,475

Financing Sources

Capital Reserve Fund

2016
\$46,475

Future
\$20,000

Impact on Future Operating Budgets

No impact

Project Manager

Jim Hackett, Parks Manager, Ephrata Recreation Center

Jim Summers, Executive Director Ephrata Recreation Center

Project Title Wenger Property Pedestrian Trail
Account # 31-59-084

Description

This project will install an 8-foot wide and approximately 2,200 feet long asphalt walking trail parallel to the Cocalico Creek within the 100-year flood plain from Church Avenue through the Wenger property and Morgan Corporation property to Weis Market area providing safe, alternative pedestrian passage in this area which sees lots of pedestrian travel through the same area using numerous routes to and from the same origin/destination points. A basic all-purpose asphalt trail, similar to the Grater Park trail, is planned without features found on the rail trail. Engineering, surveying, and design will be completed prior to construction.

<u>Year</u>	<u>Borough</u>	<u>Non-Borough</u>	<u>Total</u>
2016	\$0	\$0	\$0
2017	\$25,000	\$0	\$25,000
2018	\$150,000	\$0	\$150,000
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
Total	\$175,000	\$0	\$175,000

Financing Sources

Capital Reserve Fund

2016

\$0

Future

\$175,000

Impact on Future Operating Budgets

\$750 per year for additional trail maintenance.

Project Manager

David Burkholder, Project Manager

Project Title Playground Resurfacing
Account # 31-59-088

Description

This project will provide for the removal of three wood chip playground surfaces and installation of three poured rubber playground surfaces located at Thomas Grater Park. The change over from wood chips to rubber surface will reduce maintenance costs when flooding occurs for a savings of over \$2,000 per flood (includes 30 cu yds. certified playground mulch and man-hours). Money saved will be able to be used for pool grounds maintenance (weed control, fertilizer, slice seeding and aeration) that was not originally budgeted for.

<u>Year</u>	<u>Borough</u>	<u>Non-Borough</u>	<u>Total</u>
2016	\$33,134	\$0	\$33,134
2017	\$0	\$0	\$0
2018	\$23,423	\$0	\$23,423
2019	\$0	\$0	\$0
2020	\$45,571	\$0	\$45,571
Total	\$102,128	\$0	\$102,128

<u>Financing Sources</u>	<u>2016</u>	<u>Future</u>
Capital Reserve Fund	\$33,134	\$68,994

Impact on Future Operating Budgets

Savings per flood of \$2,000 or more. Flooding has occurred more than once in many years.

Project Manager

Jim Hackett, Parks Manager, Ephrata Recreation Center
 Jim Summers, Executive Director Ephrata Recreation Center

Project Title Borough Building Maintenance
Account # 31-69-100

Description

This project has been established to provide a reserve for major maintenance projects on Borough buildings not associated with utility operations. This funding can be used for various one-time projects of a capital magnitude.

- 2016 Borough Hall and Library Exterior Sealing Project
 Upgrade Eicher Arts Indian Museum Porch
 Upgrade Borough Halls Security / HVAC Software System
 Install hand blow dryers in Public Restrooms
 Install retaining wall and landscape at Borough Hall ivy bank
- 2017 Replace carpet at Borough Hall
 Replace HV/AC in Public Works Garage to natural gas unit
 Resurface Public Work employee parking lot
- 2018 Restucco and Paint Public Works building
 Gas Lines to Pole Barn
- 2019 Repaint Borough Hall interior

<u>Year</u>	<u>Borough</u>	<u>Non-Borough</u>	<u>Total</u>
2016	\$100,000	\$0	\$100,000
2017	\$100,000	\$0	\$100,000
2018	\$100,000	\$0	\$100,000
2019	\$100,000	\$0	\$100,000
2020	\$100,000	\$0	\$100,000
Total	\$500,000	\$0	\$500,000

Financing Sources

	<u>2016</u>	<u>Future</u>
Capital Reserve Fund	\$100,000	\$400,000

Impact on Future Operating Budgets

No impact

Project Manager

Paul Swangren, Superintendent of Public Works

Project Title **Fulton Maintenance Garage**
Account # **31-69-102**

Description

This project will provide funds to renovate the property at 35 East Fulton Street. This property will be used as a Police Garage and storage area, a maintenance garage for the Recreation Center mowing equipment, and file storage.

<u>Year</u>	<u>Borough</u>	<u>Non-Borough</u>	<u>Total</u>
2016	\$200,000	\$0	\$200,000
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
Total	\$200,000	\$0	\$200,000

Financing Sources

Capital Reserve Fund

2016
\$200,000

Future
\$0

Impact on Future Operating Budgets

Heating and cooling costs as well as annual maintenance costs.

Project Manager

D. Robert Thompson, Borough Manager

Project Title Civic Contributions

Account # 31-69-103

Description

This project allows the Borough to make civic contributions to various non-profit organizations in the Borough. This funding allows these organization to provide valuable services to residents. The following funding is provided for in this project:

Lincoln Fire Company	\$12,000	
Pioneer Fire Company	\$12,000	
Ephrata Public Library	\$48,000	
Ephrata Public Library	\$15,000	(one time event)
Ephrata Recreation Center	\$13,394	
Historical Society	\$4,220	
EPAC	\$1,500	
EPAC	\$27,500	(for HVAC matching)
Eicher Art Center	\$750	

<u>Year</u>	<u>Borough</u>	<u>Non-Borough</u>	<u>Total</u>
2016	\$134,364	\$0	\$134,364
2017	\$86,894	\$0	\$86,894
2018	\$86,894	\$0	\$86,894
2019	\$86,894	\$0	\$86,894
2020	\$86,894	\$0	\$86,894
Total	\$481,940	\$0	\$481,940

Financing Sources

Capital Reserve Fund

<u>2016</u>	<u>Future</u>
\$134,364	\$347,576

Impact on Future Operating Budgets

No impact

Project Manager

Gail Bare, Director of Administration and Finance