

# **2016-2020 Capital Improvement Plan**

**City of Rye, New York**



*Planning and Funding For City Projects  
For Fiscal Years Ending December 31,  
2016 through 2020*

August 2015

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## SECTION I – OVERVIEW

### **Introduction**

The City's five-year Capital Improvement Plan (CIP) identifies projects and acquisitions of infrastructure, buildings, land, facilities, vehicles and equipment for the years ending December 31, 2016 through 2020.

The CIP is organized into three sections. Section I includes an overview of the CIP. Section II includes tables that identify each project, its funding requirement for each year, and the source of funds. Section III includes worksheets that provide detailed information on each project, including a project description, estimated costs, priority considerations, sources of funding by year, need and potential issues, and operating cost considerations.

### **Purpose of the Capital Improvements Plan**

The CIP is a multi-year *plan*, not a multi-year *budget*. It is not a commitment to fund requested projects, but rather a schedule of necessary and/or desired public physical improvements and possible funding sources. Reading this CIP, it is important to focus on the funding, priority, importance, and the impact of undertaking or not undertaking the projects included in this report. The existence and condition of infrastructure and major capital assets has a direct bearing on the City's ability to provide services and facilities needed or desired by the community, and the perception of the community on its quality of life. These capital assets have an impact on property values and the community's ability to attract and retain residents and businesses.

The CIP is the best available tool for advising the City Council, other agencies, and the public of the City's capital and infrastructure needs. The CIP comprehensively identifies projects so that they can be properly coordinated and staffed and future funding needs can be anticipated.

### **Project Selection**

The CIP is the culmination of an annual process that seeks the input of City departments to identify what projects are needed to maintain a level of service expected by the community. This process includes establishing priorities, developing estimates, and determining possible funding sources. As with any plan, especially one covering a multi-year period, the projects, their requirements and resources, and even the need for the projects may change substantially over time. These changes are the impetus to update and redevelop the CIP on an annual basis.

Projects included in the CIP typically have a value exceeding \$15,000. Projects that are considered a reoccurring operating expense are generally not included in the CIP. Projects must also be reasonably anticipated to be needed or occur within the five-year planning period; however, in some cases, an identified project may occur beyond that timeframe. This CIP includes projects for the City Boat Basin and Rye Golf Club. These operations are enterprise

funds that pay for their operating expenses from user fee revenues. Generally, enterprise funds pay for their capital needs; however, larger projects may exceed their available revenue and reserves. In those cases there may be requests to use the City's general fund or the City's bonding authority to fund capital projects.

### **Project Priorities**

Each project in the CIP was assigned one of four priority classifications. Table 1 identifies each priority classification and its description.

**TABLE 1:  
CIP Project Priority Classifications and Description**

<b>Classification</b>	<b>Description</b>
<i>Urgent</i>	High-priority projects that should be done if at all possible; a special effort should be made to find sufficient funding for all of the projects in this group.
<i>High</i>	High-priority projects that should be done as funding becomes available.
<i>Moderate</i>	Worthwhile projects to be considered if funding is available; may be deferred to a subsequent year.
<i>Low</i>	Low-priority projects; desirable but not essential.

Source: APA PAS Report Number 442, *Capital Improvement Programs: Linking Budgeting and Planning*, Robert A. Browyer, AICP, January 1993.

A number of criteria are considered in assigning a priority classification to a project. The extent to which a project met or exceeded these criteria contributed to its priority classification. Each project worksheet located in Section III of the CIP identifies whether the project:

- Is required to replace or repair a *deteriorated facility*;
- Is required to address a *public safety* need or *legal mandate*, such as a Federal or State law or legal liability to the City;
- Is required as part of a *systematic replacement* or would result in an *operational efficiency* or cost savings to the City;
- Would result in *resource conservation* or provide an *environmental quality* benefit;
- Is required to meet a *new or expanded facility or program need*;
- Is *consistent with formal plans or identified policies* of the City; and
- Has an identified and *available funding source*.

### **Funding Requirements and Sources**

Project cost estimates are based on the judgment of professional staff and/or estimates provided by external sources. Resources to fund each project include currently funded amounts (amounts provided in previous budgets), revenues and/or fund balance, debt, and grants and aid. Any anticipated grants or aid are first applied, followed by what is determined to be the appropriate mix of current funds and debt. Consideration is given to the expense of the project, its estimated life, and the short- and long-term impact on property taxes. The CIP assumes that City debt

levels should be kept to a minimum. Debt is therefore a recommended source of funding for capital projects that are both very expensive (generally exceeding \$200,000 in value) and have long useful lives (generally in excess of 15-20 years).

Revenue sources are limited and subject to change. The City's financial policies state that the unassigned fund balance should be maintained in the General Fund to be at least equal to 5% of operating expenditures. In addition, the amount of retained earnings available in the Building and Vehicle Fund to fund projects is essentially limited to unrestricted net assets. While City records are maintained on a current basis, a more appropriate picture of the fiscal year develops as the City budget is developed in the third and fourth quarters, whereupon actual funding availability for projects in the forthcoming year is projected.

The City's ability to fund projects with general obligation bonds issued by the City is subject to state law and the limits set forth in Section C21-9 of the City Charter. That section of the City Charter allows a certain level of bonding that can be authorized by City Council vote alone, an additional amount that can be authorized by City Council vote subject to permissive referendum, and certain purposes that are exempt from Charter limits. A public referendum is required for the authorization of all other bonded debt. The City Finance Department will likely use bond anticipation notes as a strategy to fund short-term cash flow needs related to capital projects.

### **CIP Funding Overview**

The CIP identifies 75 capital improvement projects classified into five different project types. The total cost of these projects is approximately \$42.9 million over the five-year planning period. The increase in the number of projects and total value from last year's CIP is principally due to the inclusion of new flood mitigation projects and enterprise fund projects. An additional \$5.77 million in vehicle and equipment needs are also identified. Table 2 provides a summary of total required funding by project type by year.

**TABLE 2:  
CIP Funding Requirements by Project Type and Year: 2016-2020**

<b>Project Type</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020+</b>	<b>Total Required</b>
<b>Building</b>	\$445,000	\$2,075,000	\$0	\$0		\$3,035,000
<b>Drainage</b>	\$415,000	\$950,000	\$335,000	\$9,060,000		\$10,960,000
<b>Sewer</b>	\$180,000	\$60,000	\$60,000	\$120,000		\$1,850,000
<b>Transportation</b>	\$3,734,000	\$4,549,000	\$3,794,000	\$3,989,000		\$19,045,000
<b>Recreation</b>	\$2,764,200	\$3,683,000	\$300,000	\$1,019,500	\$260,000	\$8,026,700
<b>Total</b>	\$8,457,000	\$7,934,000	\$5,208,500	\$13,429,000		\$42,916,700
<b>Vehicles &amp; Equipment</b>	\$606,000	\$1,360,000	\$1,600,000	\$1,035,000		\$5,771,000

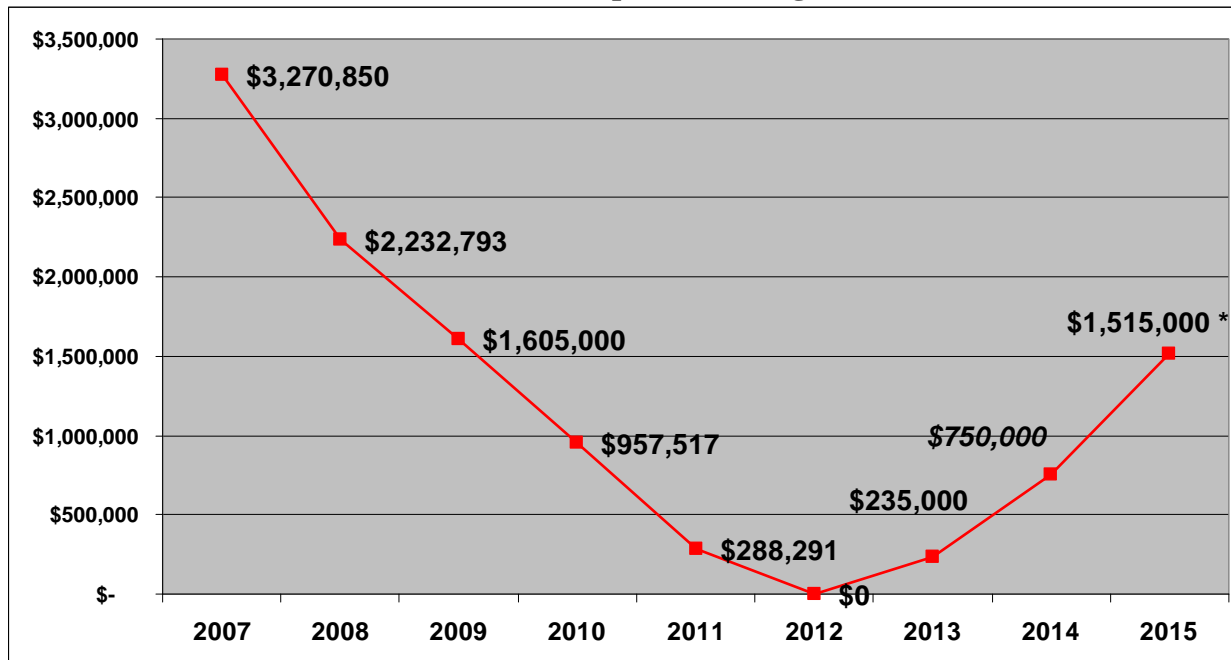
**Fund Balance**

The fiscal outlook for funding capital projects has improved from previous years, but challenges remain. Funding through the City’s annual budget (i.e., unassigned fund balance) has historically been a significant source of funding for capital projects but has been limited in previous years. In 2009, unassigned general fund balance was approximately \$2.7 Million or approximately 9.2% of total operating expenses. Currently, the fund balance has increased to \$5.3 Million or 16.0% of total operating expenses, which is slightly less than last year.

Improvement in the City’s financial position is an opportunity use fund balance as a funding source for capital projects more consistent with historic levels. Restrictions on the use of debt by the City Charter and its implications on the state-imposed tax cap also makes fund balance a potentially preferable source of funding for capital. Figure 1 shows actual fund balance used by the general fund to fund capital, building and vehicle expenses. There was a notable decline in capital funding over the years dropping from nearly \$3.3 Million in 2007 to \$0 in 2012. As the City’s financial position has improved since 2012 there has been greater use of fund balance to fund capital projects.

The City has millions of dollars in infrastructure assets that require capital improvement. Proper funding of these assets is essential. Deferring capital improvements is not a sustainable practice and shifts costs to later years, making difficult funding decisions even more difficult in the future. It also results in the City essentially managing its infrastructure to the point of failure before it is replaced, often at greater cost and disruption in service.

**FIGURE 1:  
Actual Fund Balance Used to Fund Capital, Buildings and Vehicles: 2007-2015**



\* Note: 2015 Figure is budgeted as opposed to actual fund balance.

## **Grants and Aid**

Federal, State and County government has been a reducing funding for local projects due to budget restrictions. These funds have become very competitive and going to communities with needs even greater than the City of Rye. In addition, compliance with grant requirements (i.e. “strings”) can have costs and liabilities that may make outside funding problematic. As a result, grants and aid are not expected to be a reliable source funding for projects in this CIP and is generally assigned to projects that have substantial costs.

## **General Revenue**

The recently enacted tax cap legislation has made it more difficult for the City to fund capital improvements through increases in property taxes. Under the tax cap legislation a super-majority of City Council members (i.e., 5 out of 7 members) is required to adopt any annual budget that increases the tax levy by more than 2% (or the C.P.I. if less). Based on the City’s approximately \$33.6 Million budget, a 2% property tax increase translates into approximately \$417,000 in revenue. With the average cost of projects in the CIP exceeding \$570,000 that makes it difficult to fund even lower cost capital projects and absorb anticipated increases in City operations and necessary building and vehicle expenditures without exceeding the tax cap.

**TABLE 3:  
CIP Funding Sources by Project Type: 2016-2020**

<b>Project Type</b>	<b>General Revenues</b>	<b>Grants &amp; Aid</b>	<b>Debt</b>	<b>Total Sources</b>
<b>Building</b>	\$1,116,044	\$743,956	\$1,175,000	\$3,035,000
<b>Drainage</b>	\$310,000	\$10,650,000	\$0	\$10,960,000
<b>Sewer</b>	\$450,000	\$1,000,000	\$400,000	\$1,850,000
<b>Transportation</b>	\$8,665,000	\$7,720,000	\$2,660,000	\$19,045,000
<b>Recreation</b>	\$3,616,700	\$3,990,000	\$420,000	\$8,026,700
<b>Total</b>	\$14,157,744	\$24,103,956	\$4,655,000	\$42,916,700
<b>Vehicles &amp; Equipment</b>	\$5,771,000	\$0	\$0	\$5,771,000

## **Debt**

Debt continues to be a restricted source of funding for capital. The City Charter places limitations on the issuance of new debt. The City Council can authorize the issuance of new debt not exceeding 5% of the average gross annual budget for the preceding three years. Debt exceeding 5% but not in excess of 10% requires permissive referendum. Debt in excess of 10% requires approval of the voting public in a general or special election.

As noted in the 2014 City Budget the City Council has only \$291,000 of debt that it can authorize by its own vote. The Council can authorize up to \$2.1 Million in debt that would be subject to permissive referendum. An additional \$1 Million in debt can be issued for public

safety projects. If the City Council were to exhaust all of its available debt (which is not recommended) it could only fund \$2.1 Million in capital projects and an additional \$1.05 Million for public safety projects, such as improvements to the City Police/Court Building. The CIP proposes the use of approximately \$4.775 Million in debt to fund projects.

In November 2012, the City voters approved a capital bond referendum totaling \$1.856 Million to fund pedestrian safety, road and transportation projects and improvements to the Rye Free Reading Room. Based on an estimated interest rate of 2.5% and a 20-year term the annual cost of the referendum is approximately \$120,000. This figure will be included in future tax cap calculations. Use of debt in a tax cap environment needs to be considered carefully.

### **CIP Project Highlights**

The CIP identifies nearly \$43 Million in projects over the next five or more years and almost \$5.8 Million in vehicle purchases. Table 4 provides a summary of the CIP funding requirements by project type, year and source.

**TABLE 4:  
CIP Funding Requirements by Project Type, Year, and Source: 2016-2020**

<b>Project Type</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020+</b>	<b>Total Required</b>
<b>Building</b>	<b>\$515,000</b>	<b>\$445,000</b>	<b>\$2,075,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,035,000</b>
<i>General Rev.</i>	\$421,044	\$445,000	\$250,000	\$0	\$0	\$1,116,044
<i>Grants &amp; Aid</i>	\$93,956	\$0	\$650,000	\$0	\$0	\$743,956
<i>Debt</i>	\$0	\$0	\$1,175,000	\$0	\$0	\$1,175,000
<b>Drainage</b>	<b>\$200,000</b>	<b>\$415,000</b>	<b>\$950,000</b>	<b>\$335,000</b>	<b>\$9,060,000</b>	<b>\$10,960,000</b>
<i>General Rev.</i>	\$0	\$15,000	\$0	\$85,000	\$210,000	\$310,000
<i>Grants &amp; Aid</i>	\$200,000	\$400,000	\$950,000	\$250,000	\$8,850,000	\$10,650,000
<i>Debt</i>	\$0	\$0	\$0	\$0	\$0	\$0
<b>Sewer</b>	<b>\$1,430,000</b>	<b>\$180,000</b>	<b>\$60,000</b>	<b>\$60,000</b>	<b>\$120,000</b>	<b>\$1,850,000</b>
<i>General Rev.</i>	\$30,000	\$180,000	\$60,000	\$60,000	\$120,000	\$450,000
<i>Grants &amp; Aid</i>	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000
<i>Debt</i>	\$400,000	\$0	\$0	\$0	\$0	\$400,000
<b>Transportation</b>	<b>\$2,979,000</b>	<b>\$3,734,000</b>	<b>\$4,549,000</b>	<b>\$3,794,000</b>	<b>\$3,989,000</b>	<b>\$19,045,000</b>
<i>General Rev.</i>	\$1,425,000	\$2,090,000	\$2,185,000	\$1,895,000	\$1,070,000	\$8,665,000
<i>Grants &amp; Aid</i>	\$344,000	\$1,644,000	\$1,514,000	\$1,299,000	\$2,919,000	\$7,720,000
<i>Debt</i>	\$1,210,000	\$0	\$850,000	\$600,000	\$0	\$2,660,000
<b>Recreation</b>	<b>\$2,764,200</b>	<b>\$3,683,000</b>	<b>\$300,000</b>	<b>\$1,019,500</b>	<b>\$260,000</b>	<b>\$8,026,700</b>
<i>General Rev.</i>	\$2,764,200	\$3,683,000	\$300,000	\$1,019,500	\$260,000	\$8,026,700
<i>Grants &amp; Aid</i>	\$0	\$2,350,000	\$0	\$0	\$0	\$2,350,000
<i>Debt</i>	\$120,000	\$0	\$180,000	\$120,000	\$0	\$420,000
<b>Total</b>	<b>\$7,888,200</b>	<b>\$8,457,000</b>	<b>\$7,934,000</b>	<b>\$5,208,500</b>	<b>\$13,429,000</b>	<b>\$42,916,700</b>
<i>General Rev.</i>	\$4,640,244	\$6,413,000	\$2,795,000	\$3,059,500	\$1,660,000	\$18,567,744
<i>Grants &amp; Aid</i>	\$1,637,956	\$4,394,000	\$3,114,000	\$1,549,000	\$11,769,000	\$22,463,956
<i>Debt</i>	\$1,730,000	\$0	\$2,205,000	\$720,000	\$0	\$4,655,000

## **Other Capital Considerations**

The City enterprise funds, including the City Boat Basin and Rye Golf Club, have capital needs not previously been identified in the CIP because these projects were typically funded by user fees. This year's CIP includes approximately \$2.3 million in projects identified by **Rye Golf** that will be necessary over the five-year planning period. The funding source is entirely from the enterprise reserve fund and not from other sources. The club will continue to pay its outstanding bond obligations through 2020 associated with prior Whitby Castle renovations.

The **City Boat Basin** is expected to need to fund another dredge within the next two to three years to maintain its current operational levels at an estimated cost of \$1.64 Million. Increasing environmental restrictions on open water disposal of dredge material has significantly increased dredging disposal costs. Federal funding for dredging has not been available for recreational marinas for years, and funding for commercial harbors is increasingly difficult to obtain. Upland disposal of dredge material is cost prohibitive and logistically challenging given the limited land for dewatering.

There are 400 boaters at the boat basin and 150 of those are small boats and kayaks. This small number of boaters is anticipated to raise only half of the estimated \$1.64 Million dredging cost. The remainder is expected from grants and aid; however the source or likelihood of securing that aid is unknown. Fees and charges can't be too high since the Boat Basin has to remain competitive with the prices charged by other area marinas. If grants or other new sources of revenue are not identified, the boat basin will not be able to maintain its current level of operation, or the Basin will require supplemental funding from the City or some other revenue source.

**Rye Town Park** has identified approximately \$14 million in capital needs to its facilities over the next five years. Their capital needs are of particular concern because the City is responsible for approximately 40% of all capital expenditures at Rye Town Park. Capital projects are approved by the Rye Town Park Commission, subject to funding approval by the City Council and Town of Rye Board. The City will need to diligently work with the Rye Town Park Commission regarding the need, cost and timing of required capital improvements. If not, the City may not have funds available to cover its capital obligations to the Park while still preserving the City's already limited capital program.

**The Rye City School District** has an impact on the City's capital program. Their facilities generate demand for off-site improvements such as traffic and pedestrian safety, parking and other infrastructure improvements that are predominately funded by the City.

**New York Power Authority** is providing the City approximately \$2 Million to fund and implement energy efficiency upgrades to City buildings and facilities. The City "re-pays" the cost of these improvements based on savings in electricity expenses over a multi-year period. These projects were not specifically identified in the CIP since there is no cost implication to the City but include lighting retrofits to existing City buildings and street lights, weatherization of City buildings, replacement of the HVAC system in City Hall. The City is currently evaluating

NYPA's preliminary work to determine if the projects meet minimum return on investment criteria and other considerations.

**Disbrow Park and Public Works Improvements.** There is an on-going discussion to re-organize the existing public works facility at Disbrow Park to consolidate operations and replace needed buildings. This project presents an opportunity to improve user safety by better segregating public works and recreation traffic and pedestrian activity. It also results in a more efficient use of land allowing for the expansion of or improvement to existing recreation facilities. This project will continue to be refined and cost estimates provided for inclusion in a future CIP as the Disbrow Park master plan is completed in 2016. Until completion of this plan projects within Disbrow Park or the DPW facility will be deferred.

**Flood Mitigation.** Returning to this year's CIP are three major flood mitigation projects totaling \$9.65 Million. These projects were identified as part of a 2014 comprehensive engineering study of Blind Brook and considered a high priority in the December 2014 New York Rising Community Reconstruction Plan. All funding for these projects is expected from grants.

**Sewer Improvements.** The City should expect increased expenditures to identify and implement projects that improve the City's sewer infrastructure. There are increasing regulatory pressures on the City from State and County authorities to make improvements to the system that reduce inflow and infiltration of stormwater, groundwater and illegal discharges. These costs could be significant and may come with stiff penalties and fines if not implemented.

## **Conclusion**

The Capital Improvement Plan is a document that provides the City Council, City management, and the entire community with an opportunity to plan for the longer term while budgeting for the short term. The project requirements and resources included in the first year of the plan, designed to provide guidance for the forthcoming year's budget, will most likely differ from the projects that appear in the budget that is adopted in December by the City Council.

This Capital Improvement Plan, presented to the City Council and the public at a public meeting on August 3, 2015, seeks the input and consideration of the City Council and the public. Comments, questions, and suggestions are welcome as the City continues to identify and modify projects so that they best meet the needs of the community.

**Section II:**  
**Tables of Project Funding Requirements and Sources**

**Capital Improvement Plan (CIP): 2016-2020 - TRANSPORTATION PROJECTS**  
Project Funding Requirements

Capital Project Name	Priority	Funding Requirements					Total Required
		2016	2017	2018	2019	2020+	
<b>TRANSPORTATION PROJECTS</b>							
Annual Sidewalk/Curbing Program	High	\$ 60,000	\$ 60,000	\$ 65,000	\$ 65,000	\$ 70,000	\$ 320,000
	<i>General Revenues</i>	\$ 60,000	\$ 60,000	\$ 65,000	\$ 65,000	\$ 70,000	\$ 320,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Annual Street Resurfacing	High	\$ 1,344,000	\$ 1,344,000	\$ 1,344,000	\$ 1,344,000	\$ 1,344,000	\$ 6,720,000
	<i>General Revenues</i>	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 5,000,000
	<i>Grants &amp; Aid</i>	\$ 344,000	\$ 344,000	\$ 344,000	\$ 344,000	\$ 344,000	\$ 1,720,000
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Boston Post Road Retaining Wall	High	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000
	<i>General Revenues</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000
Theodore Fremd/Blind Brook Retaining Wall	High	\$ -	\$ 1,400,000	\$ -	\$ -	\$ -	\$ 1,400,000
	<i>General Revenues</i>	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000
	<i>Grants &amp; Aid</i>	\$ -	\$ 1,300,000	\$ -	\$ -	\$ -	\$ 1,300,000
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Purchase Street Roundabout	Moderate	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ 500,000
	<i>General Revenues</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ 500,000
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CBD - Purchase Street Reconstruction	Moderate	\$ -	\$ 50,000	\$ 800,000	\$ -	\$ -	\$ 850,000
	<i>General Revenues</i>	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ 800,000	\$ -	\$ -	\$ 800,000
CBD - Smith Street Reconstruction	High	\$ 360,000	\$ -	\$ -	\$ -	\$ -	\$ 360,000
	<i>General Revenues</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ 360,000	\$ -	\$ -	\$ -	\$ -	\$ 360,000
CBD - Elm/Smith Intersection improvement	High	\$ 550,000	\$ -	\$ -	\$ -	\$ -	\$ 550,000
	<i>General Revenues</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ 550,000	\$ -	\$ -	\$ -	\$ -	\$ 550,000
Purchase/Fremd & Purdy Signal Replacement	High	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ 500,000
	<i>General Revenues</i>	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ 500,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Capital Improvement Plan (CIP): 2016-2020 - TRANSPORTATION PROJECTS**  
Project Funding Requirements

Capital Project Name	Priority	Funding Requirements					Total Required
		2016	2017	2018	2019	2020+	
Locust Avenue Bridge	Moderate	\$ -	\$ 80,000	\$ 1,720,000	\$ -	\$ -	\$ 1,800,000
	General Revenues	\$ -	\$ 80,000	\$ 1,120,000	\$ -	\$ -	\$ 1,200,000
	Grants & Aid	\$ -	\$ -	\$ 600,000	\$ -	\$ -	\$ 600,000
	Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Nature Center Bridge Repair	Urgent	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000
	General Revenues	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000
	Grants & Aid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Orchard Avenue Bridge Rehabilitation	Moderate	\$ -	\$ -	\$ -	\$ 180,000	\$ -	\$ 180,000
	General Revenues	\$ -	\$ -	\$ -	\$ 180,000	\$ -	\$ 180,000
	Grants & Aid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MTA Parking Lot Improvements	Moderate	\$ -	\$ -	\$ -	\$ 75,000	\$ 2,575,000	\$ 2,650,000
	General Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grants & Aid	\$ -	\$ -	\$ -	\$ 75,000	\$ 2,575,000	\$ 2,650,000
	Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
First/Second St. Parking Lot Improvement	High	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000
	General Revenues	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000
	Grants & Aid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
School/Purdy Parking Lot (Car Park 5)	High	\$ -	\$ -	\$ -	\$ 650,000	\$ -	\$ 650,000
	General Revenues	\$ -	\$ -	\$ -	\$ 650,000	\$ -	\$ 650,000
	Grants & Aid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Forest Avenue Pedestrian Improvement Study	Moderate	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
	General Revenues	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
	Grants & Aid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5 Points Intersection Improvements	Moderate	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000
	General Revenues	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000
	Grants & Aid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fireman's Memorial Intersection Study	Moderate	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000
	General Revenues	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000
	Grants & Aid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Osborn Road Area Improvements	Moderate	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000
	General Revenues	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000
	Grants & Aid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Capital Improvement Plan (CIP): 2016-2020 - TRANSPORTATION PROJECTS**  
Project Funding Requirements

Capital Project Name	Priority	Funding Requirements					Total Required
		2016	2017	2018	2019	2020+	
Stuyvesant Avenue Pedestrian Improvements	Moderate	\$ -	\$ -	\$ 50,000	\$ 700,000	\$ -	\$ 750,000
<i>General Revenues</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Grants &amp; Aid</i>		\$ -	\$ -	\$ 50,000	\$ 700,000	\$ -	\$ 750,000
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Boston Post Road/Parsons Street/Nature Center Roundabout	Moderate	\$ -	\$ -	\$ 50,000	\$ 600,000	\$ -	\$ 650,000
<i>General Revenues</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Grants &amp; Aid</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Debt</i>		\$ -	\$ -	\$ 50,000	\$ 600,000	\$ -	\$ 650,000
Boston Post Road/Old Post Road Traffic Signal Replacement	Moderate	\$ -	\$ -	\$ 20,000	\$ 180,000	\$ -	\$ 200,000
<i>General Revenues</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Grants &amp; Aid</i>		\$ -	\$ -	\$ 20,000	\$ 180,000	\$ -	\$ 200,000
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Subtotal Transportation</b>		<b>\$ 2,979,000</b>	<b>\$ 3,734,000</b>	<b>\$ 4,549,000</b>	<b>\$ 3,794,000</b>	<b>\$ 3,989,000</b>	<b>\$ 19,045,000</b>
<i>General Revenues</i>		\$ 1,425,000	\$ 2,090,000	\$ 2,185,000	\$ 1,895,000	\$ 1,070,000	\$ 8,665,000
<i>Grants &amp; Aid</i>		\$ 344,000	\$ 1,644,000	\$ 1,514,000	\$ 1,299,000	\$ 2,919,000	\$ 7,720,000
<i>Debt</i>		\$ 1,210,000	\$ -	\$ 850,000	\$ 600,000	\$ -	\$ 2,660,000

**Capital Improvement Plan (CIP): 2016-2020 - SEWER PROJECTS**  
Project Funding Requirements

Capital Project Name	Priority	Funding Requirements					Total Required
		2016	2017	2018	2019	2020+	
<b>SEWER PROJECTS</b>							
Stuyvesant Ave. Pump Station Pump Replacement	Moderate	\$ -	\$ -	\$ -	\$ -	\$ 120,000	\$ 120,000
<i>General Revenues</i>		\$ -	\$ -	\$ -	\$ -	\$ 120,000	\$ 120,000
<i>Grants &amp; Aid</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Dearborn Pump Station Pump Replacement	Moderate	\$ -	\$ 120,000	\$ -	\$ -	\$ -	\$ 120,000
<i>General Revenues</i>		\$ -	\$ 120,000	\$ -	\$ -	\$ -	\$ 120,000
<i>Grants &amp; Aid</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Locust Avenue Sewer Siphon Replacement	Urgent	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ 400,000
<i>General Revenues</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Grants &amp; Aid</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Debt</i>		\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ 400,000
North Street Sewer	Urgent	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
<i>General Revenues</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Grants &amp; Aid</i>		\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Pump Station Automation (SCADA System)	High	\$ 30,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ -	\$ 210,000
<i>General Revenues</i>		\$ 30,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ -	\$ 210,000
<i>Grants &amp; Aid</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Subtotal Sewer</b>		<b>\$ 1,430,000</b>	<b>\$ 180,000</b>	<b>\$ 60,000</b>	<b>\$ 60,000</b>	<b>\$ 120,000</b>	<b>\$ 1,850,000</b>
<i>General Revenues</i>		\$ 30,000	\$ 180,000	\$ 60,000	\$ 60,000	\$ 120,000	\$ 450,000
<i>Grants &amp; Aid</i>		\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
<i>Debt</i>		\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ 400,000

**Capital Improvement Plan (CIP): 2016-2020 - DRAINAGE/FLOODING PROJECTS**  
Project Funding Requirements

Capital Project Name	Priority	Funding Requirements					Total Required
		2016	2017	2018	2019	2020+	
<b>DRAINAGE/FLOODING PROJECTS</b>							
Bowman Avenue Dam Sluice Gate Modifications	Moderate	\$ 100,000	\$ 150,000	\$ -	\$ -	\$ -	\$ 250,000
<i>General Revenues</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Grants &amp; Aid</i>		\$ 100,000	\$ 150,000	\$ -	\$ -	\$ -	\$ 250,000
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Detention Ponds at SUNY Purchase Campus	Moderate	\$ -	\$ 100,000	\$ 900,000	\$ -	\$ -	\$ 1,000,000
<i>General Revenues</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Grants &amp; Aid</i>		\$ -	\$ 100,000	\$ 900,000	\$ -	\$ -	\$ 1,000,000
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bowman Avenue Dam Upper Pond Resizing	Moderate	\$ -	\$ -	\$ -	\$ -	\$ 8,500,000	\$ 8,500,000
<i>General Revenues</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Grants &amp; Aid</i>		\$ -	\$ -	\$ -	\$ -	\$ 8,500,000	\$ 8,500,000
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Milton Road Drain	Moderate	\$ 100,000	\$ 150,000	\$ -	\$ -	\$ -	\$ 250,000
<i>General Revenues</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Grants &amp; Aid</i>		\$ 100,000	\$ 150,000	\$ -	\$ -	\$ -	\$ 250,000
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Forest to Stonycrest Road Drain	Low	\$ -	\$ -	\$ -	\$ 35,000	\$ 350,000	\$ 385,000
<i>General Revenues</i>		\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ 35,000
<i>Grants &amp; Aid</i>		\$ -	\$ -	\$ -	\$ -	\$ 350,000	\$ 350,000
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Red Maple Swamp Drainage Study	Moderate	\$ -	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000
<i>General Revenues</i>		\$ -	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000
<i>Grants &amp; Aid</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Hix Park Drainage Study	Moderate	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ 150,000
<i>General Revenues</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Grants &amp; Aid</i>		\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ 150,000
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Colby Avenue Drainage	Low	\$ -	\$ -	\$ -	\$ -	\$ 120,000	\$ 120,000
<i>General Revenues</i>		\$ -	\$ -	\$ -	\$ -	\$ 120,000	\$ 120,000
<i>Grants &amp; Aid</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Ellsworth Road Drainage	Low	\$ -	\$ -	\$ -	\$ -	\$ 90,000	\$ 90,000
<i>General Revenues</i>		\$ -	\$ -	\$ -	\$ -	\$ 90,000	\$ 90,000
<i>Grants &amp; Aid</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Capital Improvement Plan (CIP): 2016-2020 - DRAINAGE/FLOODING PROJECTS**  
Project Funding Requirements

Capital Project Name	Priority	Funding Requirements					Total Required
		2016	2017	2018	2019	2020+	
Martin Road Drainage	Low	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 50,000
	<i>General Revenues</i>	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 50,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Nature Center Stream Bank Restoration	Moderate	\$ -	\$ -	\$ 50,000	\$ 100,000	\$ -	\$ 150,000
	<i>General Revenues</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ 50,000	\$ 100,000	\$ -	\$ 150,000
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Subtotal Drainage</b>	<b>\$ 200,000</b>	<b>\$ 415,000</b>	<b>\$ 950,000</b>	<b>\$ 335,000</b>	<b>\$ 9,060,000</b>	<b>\$ 10,960,000</b>
	<i>General Revenues</i>	\$ -	\$ 15,000	\$ -	\$ 85,000	\$ 210,000	\$ 310,000
	<i>Grants &amp; Aid</i>	\$ 200,000	\$ 400,000	\$ 950,000	\$ 250,000	\$ 8,850,000	\$ 10,650,000
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Capital Improvement Plan (CIP): 2015-2019 - BUILDING PROJECTS**  
Project Funding Requirements

Capital Project Name	Priority	Funding Requirements					Total Required
		2016	2017	2018	2019	2020+	
<b>Building Projects</b>							
Police/Court Building Improvements	High	\$ 75,000	\$ -	\$ 1,175,000	\$ -	\$ -	\$ 1,250,000
	General Revenues	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ 75,000
	Grants & Aid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Debt	\$ -	\$ -	\$ 1,175,000	\$ -	\$ -	\$ 1,175,000
City Hall Generator	High	\$ 375,000	\$ -	\$ -	\$ -	\$ -	\$ 375,000
	General Revenues	\$ 281,044	\$ -	\$ -	\$ -	\$ -	\$ 281,044
	Grants & Aid	\$ 93,956	\$ -	\$ -	\$ -	\$ -	\$ 93,956
	Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
City Hall - Carpet & Floor Replacement	Moderate	\$ 65,000	\$ -	\$ -	\$ -	\$ -	\$ 65,000
	General Revenues	\$ 65,000	\$ -	\$ -	\$ -	\$ -	\$ 65,000
	Grants & Aid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
City Hall - Ceiling Replacement	Moderate	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000
	General Revenues	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000
	Grants & Aid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
DPW - Fuel Tank Replacement	Moderate	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000
	General Revenues	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000
	Grants & Aid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interior Paint - Firehouses	Low	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ 50,000
	General Revenues	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ 50,000
	Grants & Aid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
DPW Garage Roof Replacement	High	\$ -	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000
	General Revenues	\$ -	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000
	Grants & Aid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
City Hall TV Studio	Moderate	\$ -	\$ -	\$ 850,000	\$ -	\$ -	\$ 850,000
	General Revenues	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ 200,000
	Grants & Aid	\$ -	\$ -	\$ 650,000	\$ -	\$ -	\$ 650,000
	Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Police Storage Building at Disbrow Park - Roof Replacement	High	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000
	General Revenues	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000
	Grants & Aid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Capital Improvement Plan (CIP): 2015-2019 - BUILDING PROJECTS**  
Project Funding Requirements

Capital Project Name	Priority	Funding Requirements					Total Required
		2016	2017	2018	2019	2020+	
Evidence Room	High	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
	<i>General Revenues</i>	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Subtotal Building</b>	<b>\$ 515,000</b>	<b>\$ 445,000</b>	<b>\$ 2,075,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,035,000</b>
	<i>General Revenues</i>	\$ 421,044	\$ 445,000	\$ 250,000	\$ -	\$ -	\$ 1,116,044
	<i>Grants &amp; Aid</i>	\$ 93,956	\$ -	\$ 650,000	\$ -	\$ -	\$ 743,956
	<i>Debt</i>	\$ -	\$ -	\$ 1,175,000	\$ -	\$ -	\$ 1,175,000

**Capital Improvement Plan (CIP): 2016-2020**  
Project Funding Sources

Capital Project Name	Funding Sources			Total Sources
	General Revenues	Grants & Aid	Debt	
<b><i>BUILDING PROJECTS</i></b>				
Police/Court Building Improvements	\$ 75,000	\$ -	\$ 1,175,000	\$ 1,250,000
City Hall Generator	\$ 281,044	\$ 93,956	\$ -	\$ 375,000
City Hall - Carpet & Floor Replacement	\$ 65,000	\$ -	\$ -	\$ 65,000
City Hall - Ceiling Replacement	\$ 75,000	\$ -	\$ -	\$ 75,000
DPW - Fuel Tank Replacement	\$ 200,000	\$ -	\$ -	\$ 200,000
Interior Paint - Firehouses	\$ 50,000	\$ -	\$ -	\$ 50,000
DPW Garage Roof Replacement	\$ 80,000	\$ -	\$ -	\$ 80,000
City Hall TV Studio	\$ 200,000	\$ 650,000	\$ -	\$ 850,000
Police Storage Building at Disbrow Park - Roof Replacement	\$ 40,000	\$ -	\$ -	\$ 40,000
Evidence Room	\$ 50,000	\$ -	\$ -	\$ 50,000
<b>Sub-Total Building Projects:</b>	<b>\$ 1,116,044</b>	<b>\$ 743,956</b>	<b>\$ 1,175,000</b>	<b>\$ 3,035,000</b>
<b><i>DRAINAGE PROJECTS</i></b>				
Bowman Avenue Dam Sluice Gate Modifications	\$ -	\$ 250,000	\$ -	\$ 250,000
Detention Ponds at SUNY Purchase Campus	\$ -	\$ 1,000,000	\$ -	\$ 1,000,000
Bowman Avenue Dam Upper Pond Resizing	\$ -	\$ 8,500,000	\$ -	\$ 8,500,000
Nature Center Stream Bank Restoration	\$ -	\$ 150,000	\$ -	\$ 150,000
Milton Road Drain	\$ -	\$ 250,000	\$ -	\$ 250,000
Forest to Stonycrest Road Drain	\$ 35,000	\$ 350,000	\$ -	\$ 385,000
Red Maple Swamp Drainage Study	\$ 15,000	\$ -	\$ -	\$ 15,000
Hix Park Drainage Study	\$ -	\$ 150,000	\$ -	\$ 150,000
Colby Avenue Drainage	\$ 120,000	\$ -	\$ -	\$ 120,000
Ellsworth Road Drainage	\$ 90,000	\$ -	\$ -	\$ 90,000
Martin Road Drainage	\$ 50,000	\$ -	\$ -	\$ 50,000
<b>Sub-Total Drainage Projects:</b>	<b>\$ 310,000</b>	<b>\$ 10,650,000</b>	<b>\$ -</b>	<b>\$ 10,960,000</b>
<b><i>SEWER PROJECTS</i></b>				

Capital Project Name	Funding Sources			Total Sources
	General Revenues	Grants & Aid	Debt	
Stuyvesant Ave. Pump Station Pump Replacement	\$ 120,000	\$ -	\$ -	\$ 120,000
Dearborn Pump Station Pump Replacement	\$ 120,000	\$ -	\$ -	\$ 120,000
Locust Avenue Sewer Siphon Replacement	\$ -	\$ -	\$ 400,000	\$ 400,000
North Street Sewer	\$ -	\$ 1,000,000	\$ -	\$ 1,000,000
Pump Station Automation (SCADA System)	\$ 210,000	\$ -	\$ -	\$ 210,000
<b>Sub-Total Sewer Projects:</b>	<b>\$ 450,000</b>	<b>\$ 1,000,000</b>	<b>\$ 400,000</b>	<b>\$ 1,850,000</b>

<b>TRANSPORTATION PROJECTS</b>				
Annual Sidewalk/Curbing Program	\$ 320,000	\$ -	\$ -	\$ 320,000
Annual Street Resurfacing	\$ 5,000,000	\$ 1,720,000	\$ -	\$ 6,720,000
Boston Post Road Retaining Wall	\$ -	\$ -	\$ 300,000	\$ 300,000
Theodore Fremd/Blind Brook Retaining Wall	\$ 100,000	\$ 1,300,000	\$ -	\$ 1,400,000
Purchase Street Roundabout	\$ -	\$ 500,000	\$ -	\$ 500,000
CBD - Purchase Street Reconstruction	\$ 50,000	\$ -	\$ 800,000	\$ 850,000
CBD - Smith Street Reconstruction	\$ -	\$ -	\$ 360,000	\$ 360,000
CBD - Elm/Smith Intersection improvement	\$ -	\$ -	\$ 550,000	\$ 550,000
Purchase/Fremd & Purdy Signal Replacement	\$ 500,000	\$ -	\$ -	\$ 500,000
Locust Avenue Bridge	\$ 1,200,000	\$ 600,000	\$ -	\$ 1,800,000
Nature Center Bridge Repair	\$ 40,000	\$ -	\$ -	\$ 40,000
Orchard Avenue Bridge Rehabilitation	\$ 180,000	\$ -	\$ -	\$ 180,000
MTA Parking Lot Improvements	\$ -	\$ 2,650,000	\$ -	\$ 2,650,000
First/Second St. Parking Lot Improvement	\$ 150,000	\$ -	\$ -	\$ 150,000
School/Purdy Parking Lot (Car Park 5)	\$ 650,000	\$ -	\$ -	\$ 650,000
Forest Avenue Pedestrian Improvement Study	\$ 50,000	\$ -	\$ -	\$ 50,000
5 Points Intersection Improvements	\$ 250,000	\$ -	\$ -	\$ 250,000
Fireman's Memorial Intersection Study	\$ 25,000	\$ -	\$ -	\$ 25,000
Osborn Road Area Improvements	\$ 150,000	\$ -	\$ -	\$ 150,000
Stuyvesant Avenue Pedestrian Improvements	\$ -	\$ 750,000	\$ -	\$ 750,000
Boston Post Road/Parsons Street/Nature Center Roundabout	\$ -	\$ -	\$ 650,000	\$ 650,000
Boston Post Road/Old Post Road Traffic Signal Replacement	\$ -	\$ 200,000	\$ -	\$ 200,000
<b>Sub-Total Transportation Projects:</b>	<b>\$ 8,665,000</b>	<b>\$ 7,720,000</b>	<b>\$ 2,660,000</b>	<b>\$ 19,045,000</b>

Capital Project Name	Funding Sources			Total Sources
	General Revenues	Grants & Aid	Debt	
<b>RECREATION PROJECTS</b>				
Damiano Center HVAC	\$ 28,200	\$ -	\$ -	\$ 28,200
Gagliardo Park Restrooms & Park Improvements	\$ 135,000	\$ -	\$ -	\$ 135,000
Tennis Court Improvements	\$ -	\$ -	\$ 420,000	\$ 420,000
Nursery Field Rehabilitation	\$ -	\$ 450,000	\$ -	\$ 450,000
Upper Picnic Shelter Replacement	\$ 90,000	\$ -	\$ -	\$ 90,000
Disbrow Park Improvements	\$ -	\$ 1,900,000	\$ -	\$ 1,900,000
Recreation Park Landscape and Signage Improvements	\$ 19,500	\$ -	\$ -	\$ 19,500
Expand Maintenance Garage	\$ 145,000	\$ -	\$ -	\$ 145,000
Damiano Center Parking Lot Renovation	\$ 18,000	\$ -	\$ -	\$ 18,000
Recreation Generators	\$ 30,000	\$ -	\$ -	\$ 30,000
RGC Whitby Castle Window Project*	\$ 675,000	\$ -	\$ -	\$ 675,000
RGC Whitby Castle Basement Support*	\$ 25,000	\$ -	\$ -	\$ 25,000
RGC Course Signage*	\$ 25,000	\$ -	\$ -	\$ 25,000
RGC Entrance Project*	\$ 30,000	\$ -	\$ -	\$ 30,000
RGC Greens Drainage & Expansion*	\$ 550,000	\$ -	\$ -	\$ 550,000
RGC Grinders Replacement*	\$ 60,000	\$ -	\$ -	\$ 60,000
RGC Half Way House Master Planning*	\$ 10,000	\$ -	\$ -	\$ 10,000
RGC/Whitby HVAC Repair/Replacement*	\$ 35,000	\$ -	\$ -	\$ 35,000
RGC Parking Lot Treatment*	\$ 30,000	\$ -	\$ -	\$ 30,000
RGC Pool Cover*	\$ 60,000	\$ -	\$ -	\$ 60,000
RGC Master Planning*	\$ 25,000	\$ -	\$ -	\$ 25,000
RGC Pool Mechanical Repair & Replacement*	\$ 50,000	\$ -	\$ -	\$ 50,000
RGC Pool Resurfacing*	\$ 500,000	\$ -	\$ -	\$ 500,000
RGC Roofing Repair/Replacement*	\$ 235,000	\$ -	\$ -	\$ 235,000
Boat Basin - Milton Harbor Dredging*	\$ 820,000	\$ 1,640,000	\$ -	\$ 2,460,000
Boat Basin - Generator*	\$ 21,000	\$ -	\$ -	\$ 21,000
<b>Sub-Total Recreation Projects:</b>	<b>\$ 3,616,700</b>	<b>\$ 3,990,000</b>	<b>\$ 420,000</b>	<b>\$ 8,026,700</b>
* Indicates project is funded from Golf or Boat Basin Enterprise funds				
<b>Total:</b>	<b>\$ 14,157,744</b>	<b>\$ 24,103,956</b>	<b>\$ 4,655,000</b>	<b>\$ 42,916,700</b>

**Capital Improvement Plan (CIP): 2016-2020**  
Project Funding Requirements

Capital Project Name	Priority	Funding Requirements					Total Required
		2016	2017	2018	2019	2020+	
<b>BUILDING PROJECTS</b>							
Police/Court Building Improvements	High	\$ 75,000	\$ -	\$ 1,175,000	\$ -	\$ -	\$ 1,250,000
City Hall Generator	High	\$ 375,000	\$ -	\$ -	\$ -	\$ -	\$ 375,000
City Hall - Carpet & Floor Replacement	Moderate	\$ 65,000	\$ -	\$ -	\$ -	\$ -	\$ 65,000
City Hall - Ceiling Replacement	Moderate	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000
DPW - Fuel Tank Replacement	Moderate	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000
Interior Paint - Firehouses	Low	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ 50,000
DPW Garage Roof Replacement	High	\$ -	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000
City Hall TV Studio	Moderate	\$ -	\$ -	\$ 850,000	\$ -	\$ -	\$ 850,000
Police Storage Building at Disbrow Park - Roof Replacement	High	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000
Evidence Room	High	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
<b>Sub-Total Building Projects:</b>		<b>\$ 515,000</b>	<b>\$ 445,000</b>	<b>\$ 2,075,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,035,000</b>
<i>General Revenues</i>		\$ 421,044	\$ 445,000	\$ 250,000	\$ -	\$ -	\$ 1,116,044
<i>Grants &amp; Aid</i>		\$ 93,956	\$ -	\$ 650,000	\$ -	\$ -	\$ 743,956
<i>Debt</i>		\$ -	\$ -	\$ 1,175,000	\$ -	\$ -	\$ 1,175,000
<b>DRAINAGE/FLOODING PROJECTS</b>							
Bowman Avenue Dam Sluice Gate Modifications	Moderate	\$ 100,000	\$ 150,000	\$ -	\$ -	\$ -	\$ 250,000
Detention Ponds at SUNY Purchase Campus	Moderate	\$ -	\$ 100,000	\$ 900,000	\$ -	\$ -	\$ 1,000,000
Bowman Avenue Dam Upper Pond Resizing	Moderate	\$ -	\$ -	\$ -	\$ -	\$ 8,500,000	\$ 8,500,000
Nature Center Stream Bank Restoration	Moderate	\$ -	\$ -	\$ 50,000	\$ 100,000	\$ -	\$ 150,000
Milton Road Drain	Moderate	\$ 100,000	\$ 150,000	\$ -	\$ -	\$ -	\$ 250,000
Forest to Stonycrest Road Drain	Low	\$ -	\$ -	\$ -	\$ 35,000	\$ 350,000	\$ 385,000
Red Maple Swamp Drainage Study	Moderate	\$ -	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000
Hix Park Drainage Study	Moderate	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ 150,000
Colby Avenue Drainage	Low	\$ -	\$ -	\$ -	\$ -	\$ 120,000	\$ 120,000
Ellsworth Road Drainage	Low	\$ -	\$ -	\$ -	\$ -	\$ 90,000	\$ 90,000
Martin Road Drainage	Low	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 50,000
<b>Sub-Total Drainage Projects:</b>		<b>\$ 200,000</b>	<b>\$ 415,000</b>	<b>\$ 950,000</b>	<b>\$ 335,000</b>	<b>\$ 9,060,000</b>	<b>\$ 10,960,000</b>
<i>General Revenues</i>		\$ -	\$ 15,000	\$ -	\$ 85,000	\$ 210,000	\$ 310,000
<i>Grants &amp; Aid</i>		\$ 200,000	\$ 400,000	\$ 950,000	\$ 250,000	\$ 8,850,000	\$ 10,650,000
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>SEWER PROJECTS</b>							
Stuyvesant Ave. Pump Station Pump Replacement	Moderate	\$ -	\$ -	\$ -	\$ -	\$ 120,000	\$ 120,000
Dearborn Pump Station Pump Replacement	Moderate	\$ -	\$ 120,000	\$ -	\$ -	\$ -	\$ 120,000
Locust Avenue Sewer Siphon Replacement	Urgent	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ 400,000
North Street Sewer	Urgent	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
Pump Station Automation (SCADA System)	High	\$ 30,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ -	\$ 210,000
<b>Sub-Total Sewer Projects:</b>		<b>\$ 1,430,000</b>	<b>\$ 180,000</b>	<b>\$ 60,000</b>	<b>\$ 60,000</b>	<b>\$ 120,000</b>	<b>\$ 1,850,000</b>

Capital Project Name	Priority	Funding Requirements					Total Required
		2016	2017	2018	2019	2020+	
<i>General Revenues</i>		\$ 30,000	\$ 180,000	\$ 60,000	\$ 60,000	\$ 120,000	\$ 450,000
<i>Grants &amp; Aid</i>		\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
<i>Debt</i>		\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ 400,000
<b>TRANSPORTATION PROJECTS</b>							
Annual Sidewalk/Curbing Program	High	\$ 60,000	\$ 60,000	\$ 65,000	\$ 65,000	\$ 70,000	\$ 320,000
Annual Street Resurfacing	High	\$ 1,344,000	\$ 1,344,000	\$ 1,344,000	\$ 1,344,000	\$ 1,344,000	\$ 6,720,000
Boston Post Road Retaining Wall	High	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000
Theodore Fremd/Blind Brook Retaining Wall	High	\$ -	\$ 1,400,000	\$ -	\$ -	\$ -	\$ 1,400,000
Purchase Street Roundabout	Moderate	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ 500,000
CBD - Purchase Street Reconstruction	Moderate	\$ -	\$ 50,000	\$ 800,000	\$ -	\$ -	\$ 850,000
CBD - Smith Street Reconstruction	High	\$ 360,000	\$ -	\$ -	\$ -	\$ -	\$ 360,000
CBD - Elm/Smith Intersection improvement	High	\$ 550,000	\$ -	\$ -	\$ -	\$ -	\$ 550,000
Purchase/Fremd & Purdy Signal Replacement	High	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ 500,000
Locust Avenue Bridge	Moderate	\$ -	\$ 80,000	\$ 1,720,000	\$ -	\$ -	\$ 1,800,000
Nature Center Bridge Repair	Urgent	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000
Orchard Avenue Bridge Rehabilitation	Moderate	\$ -	\$ -	\$ -	\$ 180,000	\$ -	\$ 180,000
MTA Parking Lot Improvements	Moderate	\$ -	\$ -	\$ -	\$ 75,000	\$ 2,575,000	\$ 2,650,000
First/Second St. Parking Lot Improvement	High	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000
School/Purdy Parking Lot (Car Park 5)	High	\$ -	\$ -	\$ -	\$ 650,000	\$ -	\$ 650,000
Forest Avenue Pedestrian Improvement Study	Moderate	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
5 Points Intersection Improvements	Moderate	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000
Fireman's Memorial Intersection Study	Moderate	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000
Osborn Road Area Improvements	Moderate	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000
Stuyvesant Avenue Pedestrian Improvements	Low	\$ -	\$ -	\$ 50,000	\$ 700,000	\$ -	\$ 750,000
Boston Post Road/Parsons Street/Nature Center Roundabout	Moderate	\$ -	\$ -	\$ 50,000	\$ 600,000	\$ -	\$ 650,000
Boston Post Road/Old Post Road Traffic Signal Replacement	Moderate	\$ -	\$ -	\$ 20,000	\$ 180,000	\$ -	\$ 200,000
<b>Sub-Total Transportation Projects:</b>		<b>\$ 2,979,000</b>	<b>\$ 3,734,000</b>	<b>\$ 4,549,000</b>	<b>\$ 3,794,000</b>	<b>\$ 3,989,000</b>	<b>\$ 19,045,000</b>
<i>General Revenues</i>		\$ 1,425,000	\$ 2,090,000	\$ 2,185,000	\$ 1,895,000	\$ 1,070,000	\$ 8,665,000
<i>Grants &amp; Aid</i>		\$ 344,000	\$ 1,644,000	\$ 1,514,000	\$ 1,299,000	\$ 2,919,000	\$ 7,720,000
<i>Debt</i>		\$ 1,210,000	\$ -	\$ 850,000	\$ 600,000	\$ -	\$ 2,660,000
<b>RECREATION PROJECTS</b>							
Damiano Center HVAC	Urgent	\$ 28,200	\$ -	\$ -	\$ -	\$ -	\$ 28,200
Gagliardo Park Restrooms & Park Improvements	High	\$ -	\$ 135,000	\$ -	\$ -	\$ -	\$ 135,000
Tennis Court Improvements	Moderate	\$ 120,000	\$ -	\$ 180,000	\$ 120,000	\$ -	\$ 420,000
Nursery Field Rehabilitation	Moderate	\$ -	\$ 450,000	\$ -	\$ -	\$ -	\$ 450,000
Upper Picnic Shelter Replacement	Moderate	\$ -	\$ -	\$ -	\$ 90,000	\$ -	\$ 90,000
Disbrow Park Improvements	Moderate	\$ -	\$ 1,900,000	\$ -	\$ -	\$ -	\$ 1,900,000
Recreation Park Landscape and Signage Improvements	Low	\$ -	\$ -	\$ -	\$ 19,500	\$ -	\$ 19,500
Expand Maintenance Garage	Moderate	\$ -	\$ -	\$ -	\$ -	\$ 145,000	\$ 145,000
Damiano Center Parking Lot Renovation	Moderate	\$ -	\$ 18,000	\$ -	\$ -	\$ -	\$ 18,000
Recreation Generators	High	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000

Capital Project Name	Priority	Funding Requirements					Total Required
		2016	2017	2018	2019	2020+	
RGC Whitby Castle Window Project*	Moderate	\$ -	\$ -	\$ -	\$ 675,000	\$ -	\$ 675,000
RGC Whitby Castle Basement Support*	Moderate	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000
RGC Course Signage*	Moderate	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000
RGC Entrance Project*	Moderate	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000
RGC Greens Drainage & Expansion*	Moderate	\$ 150,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 550,000
RGC Grinders Replacement*	High	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ 60,000
RGC Half Way House Master Planning*	Moderate	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ 10,000
RGC/Whitby HVAC Repair/Replacement*	Moderate	\$ 5,000	\$ 10,000	\$ 10,000	\$ 5,000	\$ 5,000	\$ 35,000
RGC Parking Lot Treatment*	Moderate	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000
RGC Pool Cover*	Moderate	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ 60,000
RGC Master Planning*	Moderate	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000
RGC Pool Mechanical Repair & Replacement*	Moderate	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000
RGC Pool Resurfacing*	Moderate	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000
RGC Roofing Repair/Replacement*	Moderate	\$ 25,000	\$ 210,000	\$ -	\$ -	\$ -	\$ 235,000
Boat Basin - Milton Harbor Dredging*	High	\$ 1,640,000	\$ 820,000	\$ -	\$ -	\$ -	\$ 2,460,000
Boat Basin - Generator*	High	\$ 21,000	\$ -	\$ -	\$ -	\$ -	\$ 21,000
<b>Sub-Total Recreation Projects:</b>		<b>\$ 2,764,200</b>	<b>\$ 3,683,000</b>	<b>\$ 300,000</b>	<b>\$ 1,019,500</b>	<b>\$ 260,000</b>	<b>\$ 8,026,700</b>
General Revenues (including Enterprise Funds)		\$ 2,764,200	\$ 3,683,000	\$ 300,000	\$ 1,019,500	\$ 260,000	\$ 8,026,700
Grants & Aid (including Enterprise Funds)		\$ -	\$ 2,350,000	\$ -	\$ -	\$ -	\$ 2,350,000
Debt		\$ 120,000	\$ -	\$ 180,000	\$ 120,000	\$ -	\$ 420,000
* Indicates project is funded from Golf or Boat Basin Enterprise funds		\$ 2,586,000	\$ 1,180,000	\$ 120,000	\$ 790,000	\$ 115,000	\$ 4,791,000
<b>TOTAL ALL PROJECTS:</b>		<b>\$ 7,888,200</b>	<b>\$ 8,457,000</b>	<b>\$ 7,934,000</b>	<b>\$ 5,208,500</b>	<b>\$ 13,429,000</b>	<b>\$ 42,916,700</b>
Total General Revenues		\$ 4,640,244	\$ 6,413,000	\$ 2,795,000	\$ 3,059,500	\$ 1,660,000	\$ 18,567,744
Total Grants & Aid		\$ 1,637,956	\$ 4,394,000	\$ 3,114,000	\$ 1,549,000	\$ 11,769,000	\$ 22,463,956
Total Debt		\$ 1,730,000	\$ -	\$ 2,205,000	\$ 720,000	\$ -	\$ 4,655,000

**Capital Improvement Plan (CIP): 2016-2020 - RECREATION/ENTERPRISE FUND PROJECTS**  
Project Funding Requirements

Capital Project Name	Priority	Funding Requirements					Total Required
		2016	2017	2018	2019	2020+	
<b>RECREATION/ENTERPRISE FUND PROJECTS</b>							
Damiano Center HVAC	Urgent	\$ 28,200	\$ -	\$ -	\$ -	\$ -	\$ 28,200
	<i>General Revenues</i>	\$ 28,200	\$ -	\$ -	\$ -	\$ -	\$ 28,200
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Gagliardo Park Restrooms & Park Improvements	High	\$ -	\$ 135,000	\$ -	\$ -	\$ -	\$ 135,000
	<i>General Revenues</i>	\$ -	\$ 135,000	\$ -	\$ -	\$ -	\$ 135,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Tennis Court Improvements	Moderate	\$ 120,000	\$ -	\$ 180,000	\$ 120,000	\$ -	\$ 420,000
	<i>General Revenues</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ 120,000	\$ -	\$ 180,000	\$ 120,000	\$ -	\$ 420,000
Nursery Field Rehabilitation	Moderate	\$ -	\$ 450,000	\$ -	\$ -	\$ -	\$ 450,000
	<i>General Revenues</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Grants &amp; Aid</i>	\$ -	\$ 450,000	\$ -	\$ -	\$ -	\$ 450,000
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Upper Picnic Shelter Replacement	Moderate	\$ -	\$ -	\$ -	\$ 90,000	\$ -	\$ 90,000
	<i>General Revenues</i>	\$ -	\$ -	\$ -	\$ 90,000	\$ -	\$ 90,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Disbrow Park Improvements	Moderate	\$ -	\$ 1,900,000	\$ -	\$ -	\$ -	\$ 1,900,000
	<i>General Revenues</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Grants &amp; Aid</i>	\$ -	\$ 1,900,000	\$ -	\$ -	\$ -	\$ 1,900,000
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Recreation Park Landscape and Signage Improvements	Low	\$ -	\$ -	\$ -	\$ 19,500	\$ -	\$ 19,500
	<i>General Revenues</i>	\$ -	\$ -	\$ -	\$ 19,500	\$ -	\$ 19,500
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Expand Maintenance Garage	Moderate	\$ -	\$ -	\$ -	\$ -	\$ 145,000	\$ 145,000
	<i>General Revenues</i>	\$ -	\$ -	\$ -	\$ -	\$ 145,000	\$ 145,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Damiano Center Parking Lot Renovation	Moderate	\$ -	\$ 18,000	\$ -	\$ -	\$ -	\$ 18,000
	<i>General Revenues</i>	\$ -	\$ 18,000	\$ -	\$ -	\$ -	\$ 18,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Capital Improvement Plan (CIP): 2016-2020 - RECREATION/ENTERPRISE FUND PROJECTS**  
Project Funding Requirements

Capital Project Name	Priority	Funding Requirements					Total Required
		2016	2017	2018	2019	2020+	
Recreation Generators	High	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000
	<i>General Revenues</i>	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RGC Whitby Castle Window Project*	Moderate	\$ -	\$ -	\$ -	\$ 675,000	\$ -	\$ 675,000
	<i>Enterprise Reserve Fund</i>	\$ -	\$ -	\$ -	\$ 675,000	\$ -	\$ 675,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RGC Whitby Castle Basement Support*	Moderate	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000
	<i>Enterprise Reserve Fund</i>	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RGC Course Signage*	Moderate	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000
	<i>Enterprise Reserve Fund</i>	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RGC Entrance Project*	Moderate	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000
	<i>Enterprise Reserve Fund</i>	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RGC Greens Drainage & Expansion*	Moderate	\$ 150,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 550,000
	<i>Enterprise Reserve Fund</i>	\$ 150,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 550,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RGC Grinders Replacement*	High	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ 60,000
	<i>Enterprise Reserve Fund</i>	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ 60,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RGC Half Way House Master Planning*	Moderate	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ 10,000
	<i>Enterprise Reserve Fund</i>	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ 10,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Capital Improvement Plan (CIP): 2016-2020 - RECREATION/ENTERPRISE FUND PROJECTS**  
 Project Funding Requirements

Capital Project Name	Priority	Funding Requirements					Total Required
		2016	2017	2018	2019	2020+	
RGC/Whitby HVAC Repair/Replacement*	Moderate	\$ 5,000	\$ 10,000	\$ 10,000	\$ 5,000	\$ 5,000	\$ 35,000
<i>Enterprise Reserve Fund</i>		\$ 5,000	\$ 10,000	\$ 10,000	\$ 5,000	\$ 5,000	\$ 35,000
<i>Grants &amp; Aid</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RGC Parking Lot Treatment*	Moderate	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000
<i>Enterprise Reserve Fund</i>		\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000
<i>Grants &amp; Aid</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RGC Pool Cover*	Moderate	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ 60,000
<i>Enterprise Reserve Fund</i>		\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ 60,000
<i>Grants &amp; Aid</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RGC Master Planning*	Moderate	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000
<i>Enterprise Reserve Fund</i>		\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000
<i>Grants &amp; Aid</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RGC Pool Mechanical Repair & Replacement*	Moderate	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000
<i>Enterprise Reserve Fund</i>		\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000
<i>Grants &amp; Aid</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RGC Pool Resurfacing*	Moderate	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000
<i>Enterprise Reserve Fund</i>		\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000
<i>Grants &amp; Aid</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RGC Roofing Repair/Replacement*	Moderate	\$ 25,000	\$ 210,000	\$ -	\$ -	\$ -	\$ 235,000
<i>Enterprise Reserve Fund</i>		\$ 25,000	\$ 210,000	\$ -	\$ -	\$ -	\$ 235,000
<i>Grants &amp; Aid</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

## Capital Improvement Plan (CIP): 2016-2020 - RECREATION/ENTERPRISE FUND PROJECTS

### Project Funding Requirements

Capital Project Name	Priority	Funding Requirements					Total Required
		2016	2017	2018	2019	2020+	
Boat Basin - Milton Harbor Dredging*	High	\$ 1,640,000	\$ 820,000	\$ -	\$ -	\$ -	\$ 2,460,000
<i>Boat Basin Revenues</i>		\$ 820,000	\$ -	\$ -	\$ -	\$ -	\$ 820,000
<i>Grants &amp; Aid</i>		\$ 820,000	\$ 820,000	\$ -	\$ -	\$ -	\$ 1,640,000
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Boat Basin - Generator*	High	\$ 21,000	\$ -	\$ -	\$ -	\$ -	\$ 21,000
<i>Boat Basin Revenues</i>		\$ 21,000	\$ -	\$ -	\$ -	\$ -	\$ 21,000
<i>Grants &amp; Aid</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Subtotal Recreation</b>		<b>\$ 2,764,200</b>	<b>\$ 3,683,000</b>	<b>\$ 300,000</b>	<b>\$ 1,019,500</b>	<b>\$ 260,000</b>	<b>\$ 8,026,700</b>
<i>General Revenues</i>		\$ 2,644,200	\$ 1,333,000	\$ 120,000	\$ 899,500	\$ 260,000	\$ 5,256,700
<i>Grants &amp; Aid</i>		\$ -	\$ 2,350,000	\$ -	\$ -	\$ -	\$ 2,350,000
<i>Debt</i>		\$ 120,000	\$ -	\$ 180,000	\$ 120,000	\$ -	\$ 420,000
<i>* Indicates project is funded from Golf or Boat Basin Enterprise funds</i>							
<i>Sub-Total Recreation /Enterprise Fund Projects:</i>		\$ 2,586,000	\$ 1,180,000	\$ 120,000	\$ 790,000	\$ 115,000	\$ 4,791,000

**Capital Improvement Plan (CIP): 2015-2019**  
Vehicles and Equipment Funding Requirments and Sources

Requirements	2016	2017	2018	2019	2020+	Total Required	Revenues Fund Balance	Funding Sources		
								Debt	Grants & Aid	Total Sources
Police Vehicles	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 225,000	\$ 225,000	-	-	\$ 225,000
DPW Truck 5	\$ -	\$ -	\$ 250,000	\$ -	\$ -	\$ 250,000	\$ 250,000	-	-	\$ 250,000
DPW Truck 2	\$ -	\$ 65,000	\$ -	\$ -	\$ -	\$ 65,000	\$ 65,000	-	-	\$ 65,000
DPW Truck 6	\$ -	\$ 65,000	\$ -	\$ -	\$ -	\$ 65,000	\$ 65,000	-	-	\$ 65,000
DPW Truck 11	\$ -	\$ -	\$ -	\$ 225,000	\$ -	\$ 225,000	\$ 225,000	-	-	\$ 225,000
DPW Truck 13	\$ -	\$ -	\$ -	\$ -	\$ 65,000	\$ 65,000	\$ 65,000	-	-	\$ 65,000
DPW Truck 16	\$ -	\$ -	\$ -	\$ 40,000	\$ -	\$ 40,000	\$ 40,000	-	-	\$ 40,000
DPW Trailer for CAT 902	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000	-	-	\$ 30,000
DPW Truck 32	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000	-	-	\$ 250,000
DPW Truck 33	\$ -	\$ -	\$ -	\$ 40,000	\$ -	\$ 40,000	\$ 40,000	-	-	\$ 40,000
DPW Chipper	\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ 60,000	\$ 60,000	-	-	\$ 60,000
DPW Truck 26	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000	\$ 250,000	-	-	\$ 250,000
DPW Truck 24	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ 40,000	\$ 40,000	-	-	\$ 40,000
DPW Loader	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000	-	-	\$ 150,000
DPW Truck 18	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000	\$ 250,000	-	-	\$ 250,000
DPW Truck 17	\$ -	\$ 125,000	\$ -	\$ -	\$ -	\$ 125,000	\$ 125,000	-	-	\$ 125,000
DPW Truck 1	\$ -	\$ -	\$ -	\$ 65,000	\$ -	\$ 65,000	\$ 65,000	-	-	\$ 65,000
DPW Truck 7	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000	-	-	\$ 75,000
DPW Truck 21	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000	\$ 250,000	-	-	\$ 250,000
DPW Sweeper 1	\$ -	\$ -	\$ -	\$ 225,000	\$ -	\$ 225,000	\$ 225,000	-	-	\$ 225,000
DPW Truck 14	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000	\$ 35,000	-	-	\$ 35,000
DPW Super P Salter	\$ -	\$ -	\$ -	\$ 15,000	\$ -	\$ 15,000	\$ 15,000	-	-	\$ 15,000
DPW Loader	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ 150,000	\$ 150,000	-	-	\$ 150,000
DPW Truck 15	\$ -	\$ -	\$ -	\$ 65,000	\$ -	\$ 65,000	\$ 65,000	-	-	\$ 65,000
DPW Garbage Trucks	\$ -	\$ -	\$ 1,200,000	\$ -	\$ -	\$ 1,200,000	\$ 1,200,000	-	-	\$ 1,200,000
DPW Truck 25	\$ -	\$ -	\$ 65,000	\$ -	\$ -	\$ 65,000	\$ 65,000	-	-	\$ 65,000
DPW Truck 20	\$ -	\$ -	\$ -	\$ 65,000	\$ -	\$ 65,000	\$ 65,000	-	-	\$ 65,000
DPW Truck 4	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000	-	-	\$ 250,000
DPW Truck 9	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000	\$ 250,000	-	-	\$ 250,000
DPW Truck Lift (Maitenance)	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000	-	-	\$ 100,000
DPW Backhoe	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 100,000	\$ 100,000	-	-	\$ 100,000
FIRE Engine	\$ -	\$ 625,000	\$ -	\$ -	\$ -	\$ 625,000	\$ 625,000	-	-	\$ 625,000
REC 10' Riding Mower	\$ 56,000	\$ -	\$ -	\$ -	\$ -	\$ 56,000	\$ 56,000	-	-	\$ 56,000
REC Terrain Cut Mower	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000	-	-	\$ 50,000
<b>Total Requirements</b>	<b>\$ 606,000</b>	<b>\$ 1,360,000</b>	<b>\$ 1,600,000</b>	<b>\$ 1,035,000</b>	<b>\$ 1,170,000</b>	<b>\$ 5,771,000</b>	<b>\$ 5,771,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 5,771,000</b>

# **Section III:**

## **Project Worksheets**

# **Building Projects**

Project Name:	<b>Police/Court Building Improvements</b>
Project Type:	Building
Department:	Police
Project Priority:	High
Project Start Date:	2018
Project End Date:	2020

**Project Description:**

The Office of Court Administration (OCA) has identified needed upgrades to the Rye City Court. The existing Police Department lacks operational and security needs and will require mechanical upgrades in the future. The project includes construction of new secured sally port, elevator, interior stairwell, expanded court clerk facilities, judges’ chamber, court officer facilities and prisoner holding facility.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$75,000
Construction	\$1,175,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$1,250,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
General Revenue	\$75,000	\$0	\$0	\$0	\$0	\$75,000
Debt	\$0	\$0	\$1,175,000	\$0	\$0	\$1,175,000

**Project Need/Issues:**

Finding suitable sites to accommodate a 25,000 to 30,000 square foot police/court facility is difficult and very expensive with some estimates ranging between \$17M and \$25M, *excluding* property acquisition. City-owned property at 1037 BPR was deemed not to be a suitable site for a police/court facility in the JCJ study. The only viable remaining option is to improve the existing building to address deficiencies identified by the Office of Court Administration and Police Department. The 2015 budget funded detailed design, which will likely extend into 2016 with potential implementation of the project in 2018.



Project Name:	<b>City Hall Generator</b>
Project Type:	Building
Department:	Public Works
Project Priority:	Funded/Ongoing
Project Start Date:	2016
Project End Date:	2017

**Project Description:**

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**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$17,500
Construction	\$357,500
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$375,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
General Revenues	\$281,044	\$0	\$0	\$0	\$0	\$281,044
Grants & Aid	\$93,956	\$0	\$0	\$0	\$0	\$93,956

**Project Need/Issues:**

During emergency situations City Hall is open and used as an information center and warming center. City Hall currently has no back-up power to keep it running during power outages. An onsite generator will allow City Hall to remain open during power outages. The generator will also keep the signal at Boston Post Road and Purchase Street operational. The City received a grant for the generator. This project is funded and underway. Final design plans are approximately 85% complete. Since the project is located on City Hall property, which is a designated landmark by the City Code, Board of Architectural Review/Landmarks Committee approval is required before bid letting. Project completion is expected 2015/2016.

**Operating Cost Considerations:**

The generator will require diesel fuel to operate; therefore, there will be some increase in fuel costs.

Project Name:	<b>City Hall – Carpet &amp; Floor Replacement</b>
Project Type:	Building
Department:	Public Works
Project Priority:	Moderate
Project Start Date:	2016
Project End Date:	2016

**Project Description:**

Replace existing cork flooring in Council Chambers originally installed in 1964 and replace carpeting.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$65,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$65,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
General Revenues	\$65,000	\$0	\$0	\$0	\$0	\$65,000

**Project Need/Issues:**

The cork flooring in the City Hall Council Chambers is original to the building and has stains and burn marks. This project encompasses floor replacement, as well as carpet replacement in selected offices. This project has been deferred since.

**Operating Cost Considerations:**

No significant operational costs are anticipated.



Project Name:	<b>City Hall – Ceiling Replacement</b>
Project Type:	Building
Department:	Public Works
Project Priority:	Moderate
Project Start Date:	2017
Project End Date:	2017

**Project Description:**

The project calls for the replacement of hanging ceiling tiles throughout City Hall. The ceiling was originally installed in 1964 and, over time, has shifted. Tiles are cracked or have fallen.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$75,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$75,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
General Revenues	\$0	\$75,000	\$0	\$0	\$0	\$75,000

**Project Need/Issues:**

The existing 50-year-old ceiling is in a deteriorated condition and is difficult to maintain. The project has been deferred since 2009.

**Operating Cost Considerations:**

No significant operational costs are anticipated.



Project Name:	<b>DPW – Fuel Tank Replacement</b>
Project Type:	Building
Department:	Public Works
Project Priority:	Moderate
Project Start Date:	2017
Project End Date:	2018

**Project Description:**

The project calls for the removal of the underground fuel tanks at the DPW fueling depot and their replacement with above-ground tanks.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$25,000
Construction	\$175,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$185,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
General Revenues	\$0	\$200,000	\$0	\$0		\$200,000

**Project Need/Issues:**

Remove the underground gas and diesel tanks and replace them with above-ground tanks. The present fuel depot at Disbrow Park has two 4,000-gallon underground tanks. These tanks must be tested annually for leaks and, if leaks are detected, repairs are difficult and expensive. This project will be deferred until the completion of the Disbrow Park Master Plan in 2016.

**Operating Cost Considerations:**

If the tanks develop leaks, the City could incur considerable expense in cleanup costs and potential fines. The tanks were last repaired in 2004 and are manually inspected and tested.

Project Name:	<b>Interior Paint – Firehouses</b>
Project Type:	Building
Department:	Public Works
Project Priority:	Low
Project Start Date:	2018
Project End Date:	2018

**Project Description:**

This project calls for the repainting of public areas of both Rye firehouses.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$50,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$50,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
General Revenues	\$0	\$0	\$50,000	\$0	\$0	\$50,000

**Project Need/Issues:**

By the year 2018, both firehouses will show deterioration to the paint in public areas of the facilities. If the use of Zolotone-brand paint is required, the price will increase by at least \$20,000 for each building.

**Operating Cost Considerations:**

No change in operating costs is anticipated.



Project Name:	<b>DPW Garage Roof Replacement</b>
Project Type:	Building
Department:	Public Works
Project Priority:	High
Project Start Date:	2017
Project End Date:	2018

**Project Description:**

Replacement of the roof at DPW Garage Building 2 in Disbrow Park.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$80,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$80,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
General Revenues	\$0	\$80,000	\$0	\$0	\$0	\$80,000

**Project Need/Issues:**

The DPW Garage roof is in need of replacement and presently has several leaks. The roof leaks deteriorate the exterior brickwork and interior wiring and provide inadequate protection of vehicles from the elements. This project will be deferred until the completion of the Disbrow Park Master Plan in 2016. As part of that plan there is the potential that some existing buildings at Disbrow Park may need to be relocated or expanded to better serve both need storage needs of Police and DPW and also to accommodate the recreational needs of the community. Included in that assessment will be the feasibility of potentially creating a new emergency command center during storm or civil emergencies.

**Operating Cost Considerations:**

The building is used primarily for storage of the City’s heavy duty trucks and large pieces of equipment – all of which are expensive and must be housed indoors to prevent weather deterioration and vandalism.



Project Name:	<b>City Hall TV Studio</b>
Project Type:	Building
Department:	RCTV
Project Priority:	Moderate
Project Start Date:	2018
Project End Date:	2018

**Project Description:**

Construction of third floor studio space to include new control room, 3 camera studio, edit bays and engineering room.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$350,000
Video Equipment	\$470,000
Construction Inspection	\$30,000
<b>Total</b>	<b>\$850,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
General Revenues:	\$0	\$0	\$200,000	\$0	\$0	<b>\$200,000</b>
Grants and Aid:	\$0	\$0	\$650,000	\$0	\$0	<b>\$650,000</b>

**Project Need/Issues:**

Rough construction costs were submitted by Interior Alteration Inc and Equipment estimates by HB Communications. Architectural drawings were prepared by Crozier Gedney Architects, P.C. This project would provide the community with greater access to a studio space. RyeTV studio currently exists within Rye High School. It is only accessible by the public after 3pm each day. A new studio would allow more flexibility on time and show content. Having a community space in City Hall would reduce or eliminate demands for public access to the existing studio in Rye High School. This would reduce potential security concerns at the High School. A second studio would allow the City to separate the two user groups, as well as, provide an alternate space should it be needed in the future. Project funding is from a combination of franchise fees and equipment grant money from the cable companies accumulated over the last few years. It should cover costs of all video equipment.

**Operating Cost Considerations:**

Although there will be additional air conditioning requirements in the space, we expect to use LED lighting to keep electric costs lower. There will be some additional custodial support required.

# **Drainage/Flooding Projects**

Project Name:	<b>Police Storage Building At Disbrow Park - Roof Replacement</b>
Project Type:	Building
Department:	Police
Project Priority:	High
Project Start Date:	2017
Project End Date:	2017

**Project Description:**

The police vehicles and equipment and impounded vehicles are kept in a building that has holes in the roof. This building was formerly used by DPW to house a trash compactor. Rain and snow are a problem. Birds and small animals are also using the facility as a nesting place, making it filthy and unhealthy. This project would replace the roof, however the deteriorated building condition may require replacement, which would be a greater cost.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$40,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$40,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

Sources of Funding:	2016	2017	2018	2019	2020+	Total
General Revenues:	\$0	\$40,000	\$0	\$0	\$0	\$0

**Project Need/Issues:**

This project will be deferred until the completion of the Disbrow Park Master Plan in 2016. As part of that plan there is the potential that some existing buildings at Disbrow Park may need to be relocated or expanded to better serve both need storage needs of Police and DPW and also to accommodate the recreational needs of the community. Included in that assessment will be the feasibility of potentially creating a new emergency command center during storm or civil emergencies.

**Operating Cost Considerations:**

Operating and maintenance costs would be minimal.

Project Name:	<b>Evidence Room</b>
Project Type:	Building
Department:	Police
Project Priority:	High
Project Start Date:	2017
Project End Date:	2017

**Project Description:**

Update evidence rooms. Install proper shelves and install modern barcode tracking system. Ensure that the chain of evidence and compliance with criminal justice law is strictly adhered to.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$8,000
Construction	\$42,000
Construction Inspection	\$0
<b>Total</b>	<b>\$50,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
General Revenues:	\$0	\$50,000	\$0	\$0	\$0	<b>\$50,000</b>

**Project Need/Issues:**

The current evidence holding system is overwhelmed by the extreme number of evidence files and physical evidence. Chain of evidence is getting more difficult to maintain each year. The storage and tracking of evidence is a vital part to the successful prosecution of criminal cases. This much needed update will reduce the possibility of losing criminal cases due to the poor accounting/protection of evidence. During construction all evidence must be securely removed from the evidence room and temporarily held in a secure storage unit that will be under camera surveillance. All evidence will be given a barcode to ensure proper storage and handling. Extremely old evidence will be destroyed with the approval of the District Attorney. A second evidence storage area is the "Patrol Drop Evidence Room." This is where members of the patrol division place evidence when there are no detectives on duty. The police department is a 24/7 operation and it is vital that patrol can store evidence in a safe environment while maintaining chain of evidence. This is critical in all legal cases and an important part of criminal justice system requirements regarding holding evidence. This project will support the Department's accreditation process and will be coordinated with the Police/Court building design expected to be completed in 2016.

**Operating Cost Considerations:**

Possible operating and maintenance costs should include the costs for a barcode system, a one-time cost. No other major costs are expected.

Project Name:	<b>Bowman Avenue Dam Sluice Gate Modifications</b>
Project Type:	Drainage/Flooding
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2016
Project End Date:	2017

**Project Description:**

This project consists of modifications to the operation of the sluice gate at Bowman Avenue Dam, including the installation of additional stream gauges on Blind Brook to provide real-time water surface elevation readings during storm events, which will allow for improved optimization of the existing sluice operation. This has the potential to reduce the extent of damages sustained as a result of flooding from storm events, particularly when coupled with the expansion of the Upper Pond behind the dam and the creation of stormwater ponds at SUNY Purchase.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$100,000
Construction	\$150,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$250,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
Grants & Aid	\$100,000	\$150,000	\$0	\$0	\$0	\$250,000

**Project Need/Issues:**

The project benefits were identified in a comprehensive flood study of Blind Brook completed in 2014 and was considered a high priority project in the December 2014 NY Rising Community Reconstruction Plan. Although it would not eliminate flood exposure for all properties, it would result in a reduced depth of flooding for properties along the Brook north of I-95. Design and Implementation costs are currently expected to be funded from a New York Rising/CBDG-DR Grant.

**Operating Cost Considerations:**

No significant increases over the current operation of the sluice gate.

Project Name:	<b>Detention Ponds at SUNY Purchase Campus</b>
Project Type:	Drainage/Flooding
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2017
Project End Date:	2019

**Project Description:**

This project involves the construction of two earthen dams along Blind Brook in an undeveloped portion of the SUNY Purchase Campus. These dams would detain floodwaters during storm events providing downstream flood elevation reductions to areas on Blind Brook north of I-95. The project benefits were identified in a comprehensive flood study of Blind Brook completed in 2014.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$100,000
Construction	\$900,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$1,000,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

Sources of Funding:	2016	2017	2018	2019	2020+	Total
Grants & Aid	\$0	\$100,000	\$900,000	\$0	\$0	\$1,000,000

**Project Need/Issues:**

The project benefits were identified in a comprehensive flood study of Blind Brook completed in 2014 and was considered a high priority project in the December 2014 NY Rising Community Reconstruction Plan. Although it would not eliminate flood exposure for all properties, it would result in a reduced depth of flooding for properties along the Brook north of I-95. Design and Implementation costs are currently expected to be funded from a New York Rising/CBDG-DR Grant. SUNY would need to consent to the installation of the dams and permits would need to be secured from the NYSDEC

**Operating Cost Considerations:**

There would be ongoing maintenance, regulatory compliance, inspection and insurance costs associated with the implementation of this project that would not be covered by grant funding.

Project Name:	<b>Bowman Avenue Dam Upper Pond Resizing</b>
Project Type:	Drainage/Flooding
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2020+
Project End Date:	2020+

**Project Description:**

The Upper Pond at the Bowman Avenue Dam was originally created in the 1900s. Over time, the available storage volume of the pond has been reduced due to sedimentation and the accumulation of debris, with estimates that it is currently one-quarter of its original size. This project proposes to expand the storage capacity of the Upper Pond by excavating approximately 98,000 cubic yards of soil and 6,200 cubic yards of rock. This would create a larger retention pond with increased water storage capacity, which would serve to decrease the frequency and intensity of downstream flooding.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$1.0 M
Construction	\$7.5 M
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$8.5 M</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

Sources of Funding:	2016	2017	2018	2019	2020+	Total
Grants & Aid	\$0	\$0	\$0	\$0	\$8.5M	\$8.5M

**Project Need/Issues:**

The project benefits were identified in a comprehensive flood study of Blind Brook completed in 2014 and was considered a high priority project in the December 2014 NY Rising Community Reconstruction Plan. Although it would not eliminate flood exposure for all properties, it would result in a reduced depth of flooding for properties along the Brook north of I-95. The project cost is high and permitting costs could be significant, considering the wetland disturbance that would be involved. Extensive rock excavation will necessitate geotechnical investigation and specialized design. There is no funding source identified for this project. Given the project cost use of debt or general revenue would be unlikely. Grant funding is assumed for this project.

**Operating Cost Considerations:**

Ongoing maintenance of the area behind the dam to preserve storage capacity.

Project Name:	<b>Milton Road Drain</b>
Project Type:	Drainage/Flooding
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2016
Project End Date:	2018

**Project Description:**

The project includes extending/replacing a new City drain line from Milton Road to Milton Harbor within the vicinity of Milton Harbor House.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$100,000
Construction	\$150,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$250,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
Grants & Aid	\$100,000	\$150,000	\$0	\$0	\$0	\$250,000

**Project Need/Issues:**

The project was considered a high priority project in the December 2014 NY Rising Community Reconstruction Plan. Design and implementation costs are currently expected to be funded from a New York Rising/CBDG-DR Grant.

**Operating Cost Considerations:**

No significant operational cost increases are anticipated.

Project Name:	<b>Forest to Stonycrest Road Drain</b>
Project Type:	Drainage/Flooding
Department:	Engineering
Project Priority:	Low
Project Start Date:	2019
Project End Date:	2020

**Project Description:**

Replacement/relocation/modification of drain extending from Forest Avenue to outfall on Stonycrest Road. Project includes \$35,000 to fund engineering design/alternatives analysis (2019). Preliminary construction cost of \$350,000 will vary depending on final design (2020). Project must coordinate with Forest Avenue paving project.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$35,000
Construction	\$350,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$385,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
General Revenues	\$0	\$0	\$0	\$35,000	\$0	\$35,000
Grants and Aid	\$0	\$0	\$0	\$0	\$350,000	\$350,000

**Project Need/Issues:**

Project would eliminate or reduce ponding on Forest Avenue, which has resulted in damage to adjacent properties and claims against the City. Existing drain line extends from catch basins at the Forest Ave./Boulder Rd. intersection through private properties to an outfall on Stonycrest. An alternative route for this pipe is being considered since there is no drainage easement through these private properties. There is considerable bedrock in the area which contributes to high construction costs. This project would need to coordinate with the Forest Avenue Pedestrian Improvement Study.

**Operating Cost Considerations:**

New drain line will increase maintenance costs and responsibilities, but reduce flooding damage to area properties during seasonal rain events.

Project Name:	<b>Red Maple Swamp Drainage Study</b>
Project Type:	Drainage/Flooding
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2017
Project End Date:	2017

**Project Description:**

This project will fund consulting engineering services to consider improvements to the Red Maple Swamp area that could address flooding/drainage concerns of area residents.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$15,000
Construction	\$0
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$15,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

Sources of Funding:	2016	2017	2018	2019	2020+	Total
General Revenues	\$0	\$15,000	\$0	\$0	\$0	\$15,000

**Project Need/Issues:**

Preliminary analysis by the City Engineering Department suggests that the Red Maple Swamp, located between Intervale Place and Playland Parkway, may be a challenging location to provide cost-effective flood mitigation improvements; however, there may be some potential for modest drainage enhancements. Existing undeveloped private properties in the area should be acquired.

**Operating Cost Considerations:**

No change in operating costs is anticipated.

Project Name:	<b>Hix Park Drainage Study</b>
Project Type:	Drainage/Flooding
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2019
Project End Date:	2020

**Project Description:**

The 2015 Budget funded \$20,000 for engineering study to examine the feasibility of redirecting drainage from a portion of the Hix Park neighborhood towards Rye Golf and Milton Harbor. Preliminary in-house studies suggest that a new drain line would alleviate localized flooding concerns. That study has not yet been initiated and a specific project has not yet been identified or costs estimated. This is a rough estimate of a potential drain line extension and will likely change after study completion.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$50,000
Construction	\$100,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$150,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
General Revenues	\$0	\$0	\$0	\$150,000	\$0	\$150,000

**Project Need/Issues:**

Portions of the Hix Park neighborhood are subject to flooding (Chamberlain, Hickory, White Birch, Mildred, Bennett) because of undersized drainage lines. The existing drainage system extends north towards Blind Brook at Disbrow Park at a flat level which contributes to flooding. The study would examine the feasibility and cost of an alternative drainage route through Rye Golf towards Milton Harbor, which has a steep pitch and potential for improved drainage conditions.

**Operating Cost Considerations:**

Ongoing maintenance costs associated with a new drain line.

Project Name:	<b>Colby Avenue Drainage</b>
Project Type:	Drainage/Flooding
Department:	Engineering
Project Priority:	Low
Project Start Date:	2020
Project End Date:	2020

**Project Description:**

This project was first proposed in 2008-2013 CIP and includes replacement of existing undersized and improperly pitched pipe extending through yards on Colby Avenue. Replacement pipe will address flooding conditions in resident yards.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$120,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$120,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

Sources of Funding:	2016	2017	2018	2019	2020+	Total
General Revenues	\$0	\$0	\$0	\$0	\$120,000	\$120,000

**Project Need/Issues:**

Area residents desire a reduction in flooding; however improvements will require disturbance to private properties to replace an existing undersized pipe.

**Operating Cost Considerations:**

No significant operational cost increases are anticipated.

Project Name:	<b>Ellsworth Street Drainage</b>
Project Type:	Drainage/Flooding
Department:	Engineering
Project Priority:	Low
Project Start Date:	2020
Project End Date:	2020

**Project Description:**

This project involves the installation of a drain line and catch basins on Ellsworth Street.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$8,000
Construction	\$78,000
Construction Inspect./Other	\$4,000
<b>Total</b>	<b>\$90,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
General Revenues	\$0	\$0	\$0	\$0	\$90,000	\$90,000

**Project Need/Issues:**

Currently, Ellsworth Street lacks any drainage system. Property owners discharge sump pumps and roof leaders to the street, creating an icing condition in winter months, in addition to complaints from other street residents. Project effectiveness requires further review, as the area is very flat and any discharge point in Blind Brook would be impacted by tidal conditions.

**Operating Cost Considerations:**

Increased maintenance costs associated with new drainage line and catch basins.



Project Name:	<b>Martin Road Drainage</b>
Project Type:	Drainage/Flooding
Department:	Engineering
Project Priority:	Low
Project Start Date:	2019
Project End Date:	2019

**Project Description:**

Replace a portion of existing City drain line extending from the end of Martin Road to pipe terminus.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$50,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$50,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
General Revenues	\$0	\$0	\$0	\$50,000	\$0	\$50,000

**Project Need/Issues:**

Existing pipe is damaged and requires replacement. Project would require the removal of a significant mature tree at the end of Martin Road, but would improve the conveyance of stormwater runoff from the area and reduce flooding conditions on area roads and properties.

**Operating Cost Considerations:**

None.



Project Name:	<b>Nature Center Streambank Restoration</b>
Project Type:	Drainage/Flooding
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2018
Project End Date:	2020

**Project Description:**

The project would include the design, permitting and installation of stabilization measures to reduce erosion of the bank of Blind Brook near the Nature Center Bridge.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$50,000
Construction	\$100,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$150,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
Grants & Aid	\$0	\$0	\$50,000	\$100,000	\$0	\$150,000

**Project Need/Issues:**

This project would restore the existing streambank on Blind Brook and install measures to reduce future erosion. Loss of the streambank has increased in recent years due to major flood events. Protecting the streambank also protects the structural integrity of the Nature Center Bridge, which has been “flagged” by the NYSDOT since the bridge abutment has been undermined continuing erosion. This project must coordinate with Nature Center Bridge Repairs. Funding is expected from a State or County grant.

**Operating Cost Considerations:**

No additional costs are anticipated. Reducing streambank erosion could reduce maintenance and repair costs to the Nature Center Bridge.

# **Sewer Projects**

Project Name:	<b>Stuyvesant Avenue Pump Station Pump Replacement</b>
Project Type:	Sewer
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2020
Project End Date:	2020

**Project Description:**

The project would replace pumps at Stuyvesant Avenue, as they are close to the end of their useful life and, upon failure, will require immediate contingency funding.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$120,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$120,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
General Revenue	\$0	\$0	\$0	\$0	\$120,000	\$120,000

**Project Need/Issues:**

Pumps are nearing the end of their useful life.

**Operating Cost Considerations:**

Operating costs would remain unchanged or be slightly lower with newer more reliable pumps.



Project Name:	<b>Dearborn Pump Station Pump Replacement</b>
Project Type:	Sewer
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2017
Project End Date:	2017

**Project Description:**

The project would replace pumps at Dearborn Avenue, as they are close to the end of their useful life and, upon failure, will require immediate contingency funding.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$120,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$120,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
General Revenues	\$0	\$120,000	\$0	\$0	\$0	\$120,000

**Project Need/Issues:**

Pumps are nearing the end of their useful life.

**Operating Cost Considerations:**

Operating costs would remain unchanged or be slightly lower with newer more reliable pumps.



Project Name:	<b>Locust Avenue Sewer Siphon Replacement</b>
Project Type:	Sewer
Department:	Engineering
Project Priority:	Urgent
Project Start Date:	2016
Project End Date:	2016

**Project Description:**

Abandon the “siphon” under the Locust Avenue bridge and construct a new sewer line with a more reliable, straight, gravity flow sewer line.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$75,000
Construction	\$325,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$400,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
Debt - 2012 Bond	\$400,000	\$0	\$0	\$0	\$0	\$400,000

**Project Need/Issues:**

The existing sanitary sewer system serving the CBD includes a siphon located at the Locust Avenue bridge over Blind Brook, after which the 8” pipe divides into two 4” pipes to cross under the brook to a City manhole. This configuration results in frequent blockages in the line and necessitates regular cleaning to keep the sewer operational. Given that this segment of the sewer serves the CBD, it is imperative to find an alternative configuration that provides more reliable service to the CBD. This project was included in the 2012 Bond referendum and was preliminarily estimated to cost \$250,000. Soil borings, flow analysis and other design considerations completed in 2014-2015 revealed that the project cost will likely be closer to \$400,000. Design alternatives were explored, however they were deemed not less desirable due to higher implementation cost and other considerations.

**Operating Cost Considerations:**

This project would reduce current operating costs since it would eliminate routine maintenance and service calls associated with failing existing siphon.

Project Name:	<b>North Street Sewer</b>
Project Type:	Sewer
Department:	Engineering
Project Priority:	Urgent
Project Start Date:	2016
Project End Date:	2016

**Project Description:**

This project would install a new sanitary sewer main from Nursery Lane to the existing sewer in North Street in front of Greenwood Union Cemetery. Easements from property owners on Nursery Lane (private road) would be required.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$75,000
Construction	\$850,000
Construction Inspect./Other	\$75,000
<b>Total</b>	<b>\$1 M</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
Grants & Aid	\$1 M	\$0	\$0	\$0	\$0	\$1 M

**Project Need/Issues:**

Currently, the sewer in Nursery Lane which conveys flows from portions of Locust and Central Avenues and the entirety of Maple Ave., Summit Ave., Clinton Ave., and High Street, crosses under Interstate 95 and the Metro North Railroad, traverses Westchester County-owned lands in an easement and discharges to the sewer in Theodore Fremd Avenue. I-95 and the railroad were built on top of this sewer. The sewer line has required increased maintenance recently to clear blockages. Maintenance requires City Staff to utilize the shoulder of I-95 and areas adjacent to the train tracks to gain access to manholes. Proper safeguards are used including notifying MNR to have the train conductors slow down; however this condition is not ideal. Additionally, point repairs or replacement of this main under I-95 and the railroad would prove to be nearly impossible, if the situation were to become necessary. The City installed a sewer main in North Street in front of the cemetery in 2001, to which a new sewer in Nursery Lane could connect. If this project is completed, the existing sewer under I-95, the railroad, and Westchester County land could be cut, capped, and abandoned. In 2015 the City successfully negotiated with Westchester County to fund this project in connection with the approval of fair and affordable housing community on Theodore Fremd Avenue.

**Operating Cost Considerations:**

Project would eliminate the need to access I-95 and the railroad to maintain and/or replace. Ongoing maintenance costs would be similar to that of other sewers.

Project Name:	<b>Pump Station Automation (SCADA System)</b>
Project Type:	Sewer
Department:	Engineering
Project Priority:	High
Project Start Date:	2014
Project End Date:	2018

**Project Description:**

This project would incorporate a multi-year deployment of Supervisory Control and Data Acquisition (SCADA) systems at the City’s eight sewage pump stations.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$0
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$210,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

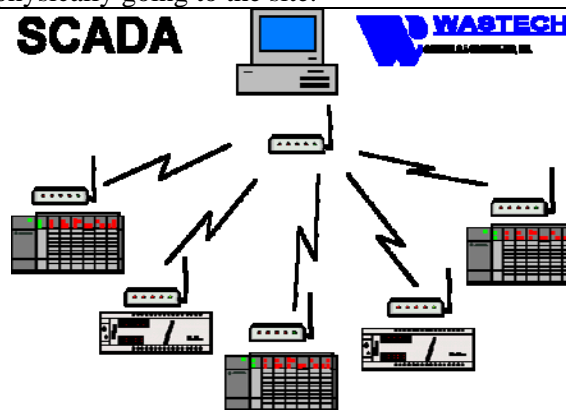
	2016	2017	2018	2019	2020+	Total
General Revenue	\$30,000	\$60,000	\$60,000	\$60,000	\$0	\$210,000

**Project Need/Issues:**

Project would allow City Staff to monitor and control the pump stations from any computer. In addition, the system would record inflow and outflow for optimization of the pump run times and power usage. This information can also be used to investigate inflow and infiltration (I&I) problems which require the stations to be equipped with larger pumps than otherwise needed. These larger pumps are more costly to replace and use more energy than smaller pumps. The City is incorporating this technology in the Hewlett Avenue Pump Station reconstruction which is currently being designed under an EPA grant.

**Operating Cost Considerations:**

Systems may require use of cellular data if existing radio transmission is not sufficient. Monthly charges may apply. System could reduce staff overtime if problems can be rectified remotely with use of computer access instead of physically going to the site.



# **Transportation Projects**

Project Name:	<b>Annual Sidewalk/Curbing Program</b>
Project Type:	Transportation
Department:	Engineering
Project Priority:	High
Project Start Date:	2016
Project End Date:	2020

**Project Description:**

Funds the replacement and repair of sidewalks that are the City’s responsibility (i.e., not funded by abutting private property owner). Program also includes funding for curbs to address erosion, roadway protection or drainage conditions.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$320,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$320,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
General Revenues	\$60,000	\$60,000	\$65,000	\$65,000	\$70,000	\$320,000

**Project Need/Issues:**

The program supports the maintenance of the City’s 38.68 miles of sidewalk. There has been increasing public demand to improve sidewalk conditions in the City, particularly around schools. The City will potentially fund sidewalk and crosswalk improvements as recommended by the Shared Roadways Committee June 2011 Report.

**Operating Cost Considerations:**

No additional costs are anticipated.



Project Name:	<b>Annual Street Resurfacing</b>
Project Type:	Transportation
Department:	Engineering
Project Priority:	High
Project Start Date:	2016
Project End Date:	2020

**Project Description:**

Resurfacing of City Streets and roads as determined by the City Engineer and the City's Pavement Management System (PMS).

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$6.72 M
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$6.72 M</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
General Revenues	\$1.0 M	\$1.0 M	\$1.0 M	\$1.0 M	\$1.0 M	\$5.0 M
Grants & Aid (CHIPS)	\$344,000	\$344,000	\$344,000	\$344,000	\$344,000	\$1,72 M
<b>Total</b>	<b>\$1.344 M</b>	<b>\$1.344 M</b>	<b>\$1.344 M</b>	<b>\$1.344 M</b>	<b>\$1.344 M</b>	<b>\$6.72 M</b>

**Project Need/Issues:**

The program supports the maintenance of the City's 51.63 miles of roadway. This CIP assumes State CHIPS funding at current levels through 2020. In 2015 the City significantly increased its paving budget from approximately \$150,000 to \$1.0 M. This increase was based on the updated PMS, which recommended increased funding for road maintenance.

**Operating Cost Considerations:**

No additional costs are anticipated.



Project Name:	<b>Boston Post Road Retaining Wall</b>
Project Type:	Transportation
Department:	Engineering
Project Priority:	High
Project Start Date:	2016
Project End Date:	2017

**Project Description:**

In November 2012 a bond referendum was approved by the Rye City voters to fund approximately \$300,000 to replace/repair a failing retaining wall on the east side of Boston Post Road near the Purdy Avenue intersection. Safety barriers have been installed and the sidewalk abutting the failing wall have been closed. In conjunction with replacing the failing wall, the City of Rye has completed a traffic analysis and design to add new crosswalks at Thistle and Holly Lanes and modifying the pavement striping to reduce the number of travel lanes. Those changes will be implemented in 2015. Adding the crosswalks reduces and/or eliminates the need to restore the partial sidewalk on the east side of Boston Post Road opposite Purdy Avenue. This space can be used to construct a new walk with less disturbance and lower cost within the City right-of-way.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$50,000
Construction	\$250,000
Construction Inspection	\$0
<b>Total</b>	<b>\$300,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

Sources of Funding:	2016	2017	2018	2019	2020+	Total
Debt - 2012 Bond:	\$300,000	\$0	\$0	\$0	\$0	\$300,000

**Project Need/Issues:**

The City has completed preliminary wall design alternatives for public discussion. Over the next year the City needs to develop consensus of which design it prefers and at what cost. In addition, the City is conducting a more detailed survey and property ownership evaluation of the compromised portions of the existing wall.

**Operating Cost Considerations:**

Minimal annual operating costs are anticipated; however, the City would assume capital expenses associated with future repairs or reconstruction of the wall after the end of its useful life.



Project Name:	<b>Theodore Fremd/Blind Brook Retaining Wall</b>
Project Type:	Transportation
Department:	Engineering
Project Priority:	High
Project Start Date:	2010 (Currently in design)
Project End Date:	2017

**Project Description:**

Project would replace retaining wall on Blind Brook adjacent to Theodore Fremd Avenue. The wall was significantly damaged in 2007 flooding and requires replacement to protect adjacent roadway and City parking area.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$300,000
Construction	\$0
Construction Inspect./Other	\$1,100,000
<b>Total</b>	<b>\$1,400,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
General Revenues	\$0	\$100,000	\$0	\$0	\$0	\$100,000
Grants and Aid	\$0	\$1,300,000	\$0	\$0	\$0	\$1,300,000

**Project Need/Issues:**

The project design is completed and under review by NYSDOT. The project requires a slight relocation of the wall and has numerous utility conflicts that must be coordinated, including a major County sewer line and a ConEd gas transmission line. The project is not eligible for FEMA reconstruction funds due to the classification of the roadway, but is being funded by a more rigorous and time-consuming NYSDOT grant, which requires a 20% local match. This project is delayed due to a legal/design dispute between MTA and NYSDOT.

**Operating Cost Considerations:**

No significant increases in operational costs are anticipated.



Project Name:	<b>Purchase Street Roundabout</b>
Project Type:	Transportation
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2018
Project End Date:	2018

**Project Description:**

The project would eliminate existing blinking traffic signals at the Purchase/High/Ridge/Wappanocca intersection with roundabout. The roundabout would provide safety and environmental benefits over existing condition and would provide for an aesthetic amenity to one of Rye’s “gateways.”

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$500,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$500,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

Sources of Funding:	2016	2017	2018	2019	2020+	Total
Grants & Aid	\$0	\$0	\$500,000	\$0	\$0	\$500,000

**Project Need/Issues:**

July 2007 BFJ feasibility report recommended a roundabout in lieu of a traffic signal at the intersection. Survey of the area is completed and design is underway. Westchester County is anticipated to fund the project in exchange for City acceptance of County roads.

**Operating Cost Considerations:**

Energy costs would be eliminated. Some costs for landscape and roundabout maintenance are anticipated.



Project Name:	<b>CBD - Purchase Street Reconstruction</b>
Project Type:	Transportation
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2017
Project End Date:	2018

**Project Description:**

Project involves the reconstruction (including paved surface and base) and curb replacement, where necessary, between Smith Street and W. Purdy Avenue. Other improvements as noted in the 2009 CBD Planning and Streetscape Study should also be considered.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$50,000
Construction	\$800,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$850,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
General Revenues	\$0	\$50,000	\$0	\$0	\$0	\$50,000
Debt	\$0	\$0	\$800,000	\$0	\$0	\$800,000

**Project Need/Issues:**

Purchase Street has a below average score (PCI=64) in the City's Pavement Management System and requires reconstruction. Project is consistent with 2009 CBD Capital Planning and Streetscape Study, which recommends a variety of pedestrian safety and other improvements. Project must coordinate with all other CBD traffic projects. The project cost was reduced from last year's CIP to reflect recent paving improvements completed by utility companies and the portion of Purchase Street that will be paved as part of the Elm Place and Smith Street projects, which were funded by the 2012 bond referendum.

**Operating Cost Considerations:**

No major increases in operating costs are anticipated with this project.



Project Name:	<b>CBD – Smith Street Reconstruction</b>
Project Type:	Transportation
Department:	Engineering
Project Priority:	High
Project Start Date:	2016
Project End Date:	2017

**Project Description:**

Project involves the reconstruction (including paved surface and base) and curb replacement, where necessary. Other improvements as noted in the 2009 CBD Planning and Streetscape Study should also be considered.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$30,000
Construction	\$330,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$360,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

Sources of Funding:	2016	2017	2018	2019	2020+	Total
Debt - 2012 Bond	\$360,000	\$0	\$0	\$0	\$0	\$360,000

**Project Need/Issues:**

Smith Street is the second lowest scoring street in the City's Pavement Management System. Street reconstruction is required and has been proposed for many years. Project must coordinate with other CBD transportation projects, particularly *Elm/Smith Intersection Improvement*. This project was funded as part of the 2012 Bond Referendum and is currently in design.

**Operating Cost Considerations:**

Current maintenance and repair costs would be reduced.



Project Name:	<b>CBD – Elm/Smith Intersection Improvements</b>
Project Type:	Transportation
Department:	Engineering
Project Priority:	High
Project Start Date:	2016
Project End Date:	2017

**Project Description:**

This project would implement some of the recommendations from the 2009 CBD Capital Planning and Streetscape Study, including changes in intersection paving material, new crosswalks, new sidewalks and curbing, and aesthetic improvements.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$50,000
Construction	\$500,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$550,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

Sources of Funding:	2016	2017	2018	2019	2020+	Total
Debt - 2012 Bond	\$550,000	\$0	\$0	\$0	\$0	\$550,000

**Project Need/Issues:**

These two intersections would significantly benefit from permanent improvements similar to those implemented at the Locust/Purchase intersection. Project must coordinate with *Smith Street Reconstruction* project and *Purchase Street Reconstruction*. This project was approved as part of the 2012 Bond Referendum and is currently in design.

**Operating Cost Considerations:**

Project would not affect operating costs.



Project Name:	<b>Purchase/Fremd &amp; Purdy Signal Replacement</b>
Project Type:	Transportation – Traffic Control
Department:	Engineering
Project Priority:	High
Project Start Date:	2017
Project End Date:	2018

**Project Description:**

The 2009 CBD Capital Planning and Streetscape Study recommends replacing traffic signals at this intersection to meet NYSDOT requirements and adding a turning lane on Theodore Fremd Avenue to reduce intersection delays.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$50,000
Construction	\$450,000
Construction Inspection	\$0
<b>Total</b>	<b>\$500,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

Sources of Funding:	2016	2017	2018	2019	2020+	Total
General Revenue:	\$0	\$500,000	\$0	\$0	\$0	\$500,000

**Project Need/Issues:**

Project was originally funded as part of 2007 Budget, but deferred/suspended after April 2007 floods. Signal design is approximately 50% complete. The existing traffic signals do not meet NYSDOT requirements and increasingly replacement parts are difficult to find. Project would require coordination with Westchester County, which controls Theodore Fremd. This project was not included as part of the 2012 Bond Referendum and the City was not awarded a NYSDOT grant for this project.

**Operating Cost Considerations:**

Minimal annual operating costs are anticipated. New traffic signals will use LED technology, which will reduce energy consumption and improve reliability.



Project Name:	<b>Locust Avenue Bridge</b>
Project Type:	Transportation
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2017
Project End Date:	2018

**Project Description:**

The project would fund \$80,000 to study the condition, identify improvement and complete construction plans for Locust Avenue Bridge. Depending on findings of study and prior experience with bridges in this area rehabilitation may be required (\$300,000) or a complete reconstruction (\$1.8M).

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$80,000
Construction	\$1,720,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$1,800,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
General Revenues/Debt	\$0	\$80,000	\$1,120,000	\$0	\$0	\$1,200,000
Grants and Aid	\$0	\$0	\$600,000	\$0	\$0	\$600,000
<b>Total</b>	<b>\$0</b>	<b>\$80,000</b>	<b>\$1,720,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,800,000</b>

**Project Need/Issues:**

Locust Avenue Bridge is over 100 years old and requires repair. Bridge is also historic and may require coordination with NYS Historic Agencies. Existing sewer line/siphon under the bridge abutment is planned to be abandoned, and a new sewer line installed. See **Locust Avenue Sewer Siphon Replacement** project.

**Operating Cost Considerations:**

No increased operational costs are anticipated.



Project Name:	<b>Nature Center Bridge Repair</b>
Project Type:	Transportation
Department:	Engineering
Project Priority:	Urgent
Project Start Date:	2016
Project End Date:	2016

**Project Description:**

Project would renovate the existing Nature Center access bridge over Blind Brook. This bridge was recently “flagged” by NYSDOT and requires pressure-grouting to maintain bridge stability and continued access to the Nature Center.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$40,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$40,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
General Revenues:	\$40,000	\$0	\$0	\$0	\$0	\$40,000

**Project Need/Issues:**

The existing bridge over Blind Brook was constructed in the 1900's for carriage traffic. In 2008 the bridge received a yellow flag from NYS inspectors, which was corrected with emergency repairs to the bridge abutment. A second yellow flag was issued in April 2009, which was corrected. In 2015 the City received another yellow flag. The historic bridge is the sole source of access to the Nature Center. The Boston Post Road/Parsons Roundabout project includes a new access road to the Nature Center that would eliminate the need for a bridge.

**Operating Cost Considerations:**

No increased operational costs are anticipated.



Project Name:	<b>Orchard Avenue Bridge Rehabilitation</b>
Project Type:	Transportation
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2019
Project End Date:	2019

**Project Description:**

Rehabilitation of Orchard Avenue Bridge over Blind Brook.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$180,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$180,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
General Revenue	\$0	\$0	\$0	\$180,000	\$0	\$180,000

**Project Need/Issues:**

The bridge over Blind Brook was built in 1926 and has a deficiency rating by the NYS of 4.636. Recently completed reports indicate that the bridge is structurally sound, but requires improvements.

**Operating Cost Considerations:**

No increases in operational costs are anticipated.



Project Name:	<b>MTA Parking Lot Improvements</b>
Project Type:	Transportation
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2019
Project End Date:	2020

**Project Description:**

The proposed project would repave the parking lot, add sidewalks, lighting, drainage, landscaping and other vehicle and pedestrian safety measures. Project is dependant on Federal funding. If grants are obtained, \$75,000 in engineering is proposed for 2019 with construction proposed for 2020.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$75,000
Construction	\$2,575,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$2,650,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

Sources of Funding:	2016	2017	2018	2019	2020+	Total
Grants & Aid	\$0	\$0	\$0	\$75,000	\$2,575,000	\$2,650,000

**Project Need/Issues:**

The City (which does not own the lot, but shares in the parking revenue with the MTA) previously discussed with the MTA possible cost/revenue sharing strategies to implement necessary repairs to the deteriorated lot. The proposed improvements would rehabilitate the lot, which has not been repaved in over 20 years, and implement pedestrian and vehicles safety improvements consistent with a preliminary concept plan prepared by MTA consultants in 2006. Last year the travel lane portion of the MTA lot was repaved under the City’s Annual Resurfacing project funding.

**Operating Cost Considerations:**

Some increases in operational costs are anticipated, but could be offset with increases in parking fees, which have remained unchanged for eight years.



Project Name:	<b>First/Second Street Parking Lot</b>
Project Type:	Transportation
Department:	Engineering
Project Priority:	High
Project Start Date:	2017
Project End Date:	2017

**Project Description:**

Project includes the removal of the existing single-head meters in City-owned parking lot in front of Rye Bar/former Bank of New York Property and installation of new parking payment system. Repaving and striping of parking lot, pedestrian access enhancements, and improvement to landscape islands are also required.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$150,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$150,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
General Revenues/Debt	\$0	\$150,000	\$0	\$0	\$0	\$150,000

**Project Need/Issues:**

Asphalt in the existing parking lot has deteriorated and requires replacement. Improvement of this parking area was considered as part of the Planning Commission’s approval of the Rye Bar and Grill. It is anticipated that changes in the pavement striping would potentially add three to six additional parking spaces.

**Operating Cost Considerations:**

Replacing the existing single-head meters with a central payment system will reduce maintenance and collection costs and make snow plowing easier.



Project Name:	<b>CBD – School/Purdy Parking Lot (Car Park 5)</b>
Project Type:	Transportation
Department:	Engineering
Project Priority:	High
Project Start Date:	2019
Project End Date:	2019

**Project Description:**

The existing wall surrounding Car Park 5 (corner of School Street & Purdy Ave.) needs to be replaced. In 2008, fencing was secured to the wall exterior to prevent damage from continuing deterioration.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$650,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$650,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

Sources of Funding:	2016	2017	2018	2019	2020+	Total
General Revenue	\$0	\$0	\$0	\$650,000	\$0	\$650,000

**Project Need/Issues:**

Replacing this nearly 100-year old wall is expensive, requiring \$650,000. The City should consider alternative use to a replacement in-kind that advances some additional public need, such as a deck that creates additional parking. Identifying a use for this site, possibly involving a public/private partnership, is the critical first step before committing additional funds to this project.

**Operating Cost Considerations:**

Varies depending on final design and use.



Project Name:	<b>Forest Avenue Pedestrian Improvement Study</b>
Project Type:	Transportation
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2016
Project End Date:	2016

**Project Description:**

Conduct study to evaluate alternative strategies and preliminary costs for improving pedestrian safety within the Forest Avenue corridor north of the Apawamis Avenue.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$50,000
Construction	\$0
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$50,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

Sources of Funding:	2016	2017	2018	2019	2020+	Total
General Revenue	\$50,000	\$0	\$0	\$0	\$0	\$50,000

**Project Need/Issues:**

Over the last decade there have been requests from the public to improve pedestrian safety along the portion of Forest Avenue that currently lacks sidewalks north of Apawamis Avenue. In 2015, a petition was submitted to the City Council requesting that sidewalks be installed in this area to improve pedestrian safety, particularly for children walking to Midland School. This study would evaluate alternative pedestrian strategies, identify physical constraints or policy considerations and provide preliminary costs estimates. The study would include a topographical survey of the Forest Avenue corridor and would be used basis of discussion to identify a potential future project for implementation.

**Operating Cost Considerations:**

This project is only a study so there are no operating cost implications.

Project Name:	<b>5 Points Intersection Improvement</b>
Project Type:	Transportation
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2016
Project End Date:	2017

**Project Description:**

As recommended by the Shared Roadways Committee June 2011 study, the project would encompass a conceptual study for the 5-way intersection at the conjunction of Grace Church Street, and Midland and Manursing Avenues. The preliminary design and cost estimates have been completed and ready for public review and comment.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$35,000
Construction	\$215,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$250,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

Sources of Funding:	2016	2017	2018	2019	2020+	Total
General Revenues:	\$250,000	\$0	\$0	\$0	\$0	\$250,000

**Project Need/Issues:**

The 5-way intersection would eliminate the existing signals and change existing pavement configurations within the City right-of-way to allow for the implementation of stop sign control. The project would reduce pedestrian street crossing distances and reduce vehicle delays. The project has two alternative designs that require public vetting. The project would also require approval from Westchester County since Midland Road is County controlled.

**Operating Cost Considerations:**

No increases in operational costs are anticipated depending on final design.



Project Name:	<b>Fireman’s Memorial Intersection Study</b>
Project Type:	Transportation
Department:	Engineering
Project Priority:	High
Project Start Date:	2016
Project End Date:	2016

**Project Description:**

As recommended by the Shared Roadways Committee June 2011 study, the project would encompass a conceptual study for the Fireman’s Memorial roundabout located at the intersection of Milton Road and Grace Church and Cross Streets, just south of Cross Street’s intersection with Boston Post Road.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$25,000
Construction	\$0
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$25,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

Sources of Funding:	2016	2017	2018	2019	2020+	Total
General Revenues:	\$25,000	\$0	\$0	\$0	\$0	\$25,000

**Project Need/Issues:**

The roundabout at the Fireman’s Memorial is unique, as it does not function like most roundabouts, with yields that vary by street. This project would fund a study, as proposed by the Shared Roadways Committee in the June 2011 report, to see how best the Memorial could be redesigned “as a proper traffic circle, with improved crosswalks, markings, signage, and signal timing.” Such changes would benefit pedestrians who walk in the area, as well as drivers who are unfamiliar with the roundabout’s current design. The road requires paving, which would be an optimal time for any required roadway modifications.

**Operating Cost Considerations:**

No increases in operational costs are anticipated.



Project Name:	<b>Osborn School Traffic and Pedestrian Safety Improvements</b>
Project Type:	Transportation
Department:	Engineering
Project Priority:	Low
Project Start Date:	2018
Project End Date:	2018

**Project Description:**

The project would provide funding to design and implement additional traffic and pedestrian safety improvement at Osborn School. The school is located at one of the City’s busiest intersections. In August 2010 the City implemented a lane reduction program on BPR (i.e. “diet”), however some are seeking additional improvements. There is no perfect “fix”. Improvements are complicated and involve challenging trade-offs between driver and pedestrian demands for both convenience and safety. Project cost includes the potential installation of a traffic signal and pedestrian crossing at the Sonn Drive/BPR intersection.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$25,000
Construction	\$175,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$200,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
Grants and Aid:	\$0	\$0	\$200,000	\$0	\$0	\$200,000

**Project Need/Issues:**

The project would provide additional measures to improve traffic and pedestrian safety at Osborn School and specifically the Sonn/BPR intersection and potential improvements on Osborn Road to address off-site vehicle queing. The School District is considered a potential source of funds or a grant. The project is considered a low priority since a safe crossing is provided at the BPR/Osborn/Oakland Beach intersection. This intersection is fully signalized with pedestrian phases and manned by a crossing guard during school hours. Area neighbors find the existing crossing inconvenient and access to it unsafe and would like to see a higher prioritization of this project.

**Operating Cost Considerations:**

There would be an increase in signal maintenance costs to the City. An additional crossing at Sonn Drive may also require the expense of an additional crossing guard.

Project Name:	<b>Osborne Road Area Improvements</b>
Project Type:	Transportation
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2017
Project End Date:	2018

**Project Description:**

This project is not yet identified but could consist of roadway or pedestrian improvements in the Theall Road/Osborn School vicinity.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$30,000
Construction	\$120,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$150,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

Sources of Funding:	2016	2017	2018	2019	2020+	Total
General Revenue	\$0	\$150,000	\$0	\$0	\$0	\$150,000

**Project Need/Issues:**

As part of a one-time impact fee Rye Manor at 300 Theall Road gave the City \$150,000 towards infrastructure improvements within the vicinity of Theall Road. Some have suggested parking improvements on Osborn Road or at Osborn School to relieve on-street parking demand or improvements that provide a parking lane to allow for safer two-way traffic flow on Osborn Road in front of the school. A project should be identified so that this "earmarked" funding can be used. This funding might also fund *Osborn School Traffic and Pedestrian Safety Improvements*.

**Operating Cost Considerations:**

Not known at this time.

Project Name:	<b>Stuyvesant Avenue Pedestrian Improvements</b>
Project Type:	Transportation
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2018
Project End Date:	2020

**Project Description:**

This project is new to this year’s CIP. It involves widening and paving the approximately 0.5-mile length of Stuyvesant Avenue between Old Milton Road and Van Wagenen Avenue to provide a designated walkway. The project assumes widening the road by 10-12 feet to add 5-6 foot shoulders/walkway/bikeway on each side of the existing 20-foot wide road.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design/Survey	\$50,000
Construction	\$0
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$750,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

Sources of Funding:	2016	2017	2018	2019	2020+	Total
Grants and Aid:	\$0	\$0	\$50,000	\$700,000	\$0	\$750,000

**Project Need/Issues:**

Drainage measures may also be required. The most effective design is to reconstruct the entire roadway, but considered cost prohibitive. Existing right-of-way encroachments would need to be removed. Increased roadway width may increase vehicle travel speeds.

**Operating Cost Considerations:**

Future repaving and maintenance costs will be required for the expanded roadway.

Project Name:	<b>Boston Post Road/Parsons Street/Nature Center Roundabout</b>
Project Type:	Transportation
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2018
Project End Date:	2020

**Project Description:**

This project involves the design and construction of a roundabout on Boston Post Road at Parsons Street. In addition, the project would include a shifting of Boston Post Road within existing right-of-way to the west and the construction of a new parking area on the east side of the relocated roadway adjacent to school property. Existing driveways from Rye Nature Center and Rye Presbyterian Church would also have to be accommodated in the design. The City’s consultant completed conceptual design and cost estimates in 2015.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$50,000
Construction	\$600,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$650,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

<b>Sources of Funding:</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020+</b>	<b>Total</b>
Debt	\$0	\$0	\$50,000	\$600,000	\$0	\$650,000

**Project Need/Issues:**

A roundabout at this location would potentially have multiple benefits, including improved traffic flow during peak school drop-off and pick-up periods, traffic calming benefits, creation of additional parking for the school adjacent to school property and providing an alternative vehicle access to Rye Nature Center, thereby avoiding the estimated \$1.1 Million cost of replacing the existing nature center bridge.

**Operating Cost Considerations:**

Project will not affect operating costs.

Project Name:	<b>Boston Post Road/Old Post Road Traffic Signal Replacement</b>
Project Type:	Transportation
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2020+
Project End Date:	2020+

**Project Description:**

The project would replace the existing traffic signal at the intersection of Boston Post Road and Old Post Road (i.e. in front of Osborn Home). The existing signal is nearing the end of its useful life and does not use LED technology, which is the current NYSDOT standard. The project would also provide for pedestrian enhancements including potentially crosswalks, pedestrian phases and other potential safety improvements.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$20,000
Construction	\$180,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$200,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

Sources of Funding:	2016	2017	2018	2019	2020+	Total
Grants and Aid:	\$0	\$0	\$20,000	\$180,000	\$0	\$200,000

**Project Need/Issues:**

A pedestrian signalized crossing of Boston Post Road at this location has been identified as a priority given the volume of pedestrian activity and proximity to Osborn Elementary School and Rye HS/MS. This project may require coordination with *Osborn School Traffic and Pedestrian Safety Improvements*.

**Operating Cost Considerations:**

Continuation of existing traffic signal maintenance costs.

# **Recreation Projects**

*(Including Enterprise Funds)*

Project Name:	<b>Damiano Center HVAC</b>
Project Type:	Recreation
Department:	Recreation
Project Priority:	Urgent
Project Start Date:	2016
Project End Date:	2016

**Project Description:**

The project proposes to replace the existing HVAC system at Damiano Center.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$28,200
Construction Inspection	\$0
<b>Total</b>	<b>\$28,200</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

<b>Sources of Funding:</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020+</b>	<b>Total</b>
General Revenues:	\$28,200	\$0	\$0	\$0	\$0	\$28,200

**Project Need/Issues:**

The existing system is failing and requires replacement.

**Operating Cost Considerations:**

Operating costs would reduce with more energy efficient system that require less maintenance.

Project Name:	<b>Gagliardo Park Restrooms &amp; Park Improvements</b>
Project Type:	Building/Facilities – Recreation
Department:	Recreation
Project Priority:	High
Project Start Date:	2017
Project End Date:	2017

**Project Description:**

Gagliardo Park has seen some upgrade over the past years due to CDBG Grants, which replaced the playground and picnic shelter. However, other aspects of the park should be upgraded to provide a better facility for Rye residents. This project includes a study to initiate a redesign of the park to include a new playground, enhanced security lighting, lighting of the flag pole, and possibly a public dog run.

Other upgrades may include the basketball and volleyball courts, as the pavement is showing age with large cracks; replacement of the basketball backboards; division of the volleyball court for other uses; and repaving approximately 171' of walkway.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$25,000
Construction	\$110,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$135,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

Sources of Funding:	2016	2017	2018	2019	2020+	Total
General Revenues:	\$0	\$135,000	\$0	\$0	\$0	\$135,000

**Project Need/Issues:**

Project is required to improve user safety and level of play. Project would also reduce maintenance costs and ease of facility maintenance. City is exploring less expensive alternatives.

**Operating Cost Considerations:**

More efficient systems would help keep costs down; easier maintenance.



Project Name:	<b>Tennis Court Improvements</b>
Project Type:	Recreation
Department:	Recreation
Project Priority:	Moderate
Project Start Date:	2016
Project End Date:	2019

**Project Description:**

Replacement of lighting units at recreation park tennis courts and multi-purpose area (2018/2019) and resurfacing/reconstruction of four tennis courts (2016 and 2018).

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$420,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$420,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
Debt:	\$120,000	\$0	\$180,000	\$120,000	\$0	\$420,000

**Project Need/Issues:**

Replacement for efficiency and cost saving measures. Existing tennis lighting is over 25 years old. Existing tennis courts require a complete resurfacing including removal of the existing surface. Estimated cost per court is \$60,000.

**Operating Cost Considerations:**

Systems that allow for multiple light and energy levels can provide considerable energy savings. These systems allow activities with different lighting needs to share a facility, without wasting energy by providing excessive lighting for activities that don't require it. There will also be a reduction in repainting costs associated with the existing courts.



Project Name:	<b>Nursery Field Rehabilitation</b>
Project Type:	Recreation
Department:	Recreation
Project Priority:	Moderate
Project Start Date:	2017
Project End Date:	2017

**Project Description:**

The project proposes to improve drainage conditions at Nursery Field by stripping the existing topsoil and amending it with sand and compost. The field would be crowned and additional drainage measures would be installed.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$50,000
Construction	\$400,000
Construction Inspection	\$0
<b>Total</b>	<b>\$450,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020	Total
Grants and Aid:	\$0	\$450,000	\$0	\$0	\$0	\$450,000

**Project Need/Issues:**

A 2011 study prepared by Woodard and Curran Engineers identified the feasibility and cost of improving drainage conditions at Nursery Field. These improvements would increase field use, which is currently restricted after rain events.

**Operating Cost Considerations:**

Operating costs would remain unchanged from current conditions.

Project Name:	<b>Upper Picnic Shelter Replacement</b>
Project Type:	Recreation
Department:	Recreation
Project Priority:	Moderate
Project Start Date:	2019
Project End Date:	2019

**Project Description:**

This project calls for the replacement of the upper picnic shelter at Recreation Park, with the shelter and installation costing \$65,000 and its concrete pad costing \$25,000 (as per quote from Litchfield Landscape).

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$90,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$90,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
General Revenues:	\$0	\$0	\$0	\$90,000	\$0	\$90,000

**Project Need/Issues:**

The Upper Picnic Shelter is showing signs of age and deterioration. Recent improvements allow this project to be deferred to 2019. Since picnics are the one of the main revenue source for the department, a new, larger and efficient design could increase the number of rentals annually. Improved drainage around the site would also benefit this facility. One of the main revenue sources is from Picnic rental fees. As the shelter deteriorates, it makes it more difficult to attract renters to the facility.

**Operating Cost Considerations:**

Initially, decrease in maintenance costs for upkeep and repairs.



Project Name:	<b>Disbrow Park Improvements</b>
Project Type:	Recreation
Department:	Recreation
Project Priority:	Moderate
Project Start Date:	2017
Project End Date:	2017

**Project Description:**

The project proposes correcting drainage issues by installing a synthetic turf field in the existing footprint of the athletic facilities.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$1,900,000
Construction Inspection	\$0
<b>Total</b>	<b>\$1,900,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2015	2016	2017	2018	2019+	Total
Grants and Aid:	\$0	\$0	\$1,900,000	\$0	\$0	\$1,900,000

**Project Need/Issues:**

A 2011 study prepared by Woodard and Curran Engineers identified the ability to solve drainage issues at Disbrow Park by installing a synthetic turf field. The field would include one baseball field, one softball field, and one soccer field (overlapping the baseball and softball fields.) This project will be deferred until the completion of the Disbrow Park Master Plan in 2016. As part of that plan there is the potential that some existing buildings at Disbrow Park may need to be relocated or expanded to better serve both need storage needs of Police and DPW and also to accommodate the recreational needs of the community.

**Operating Cost Considerations:**

Operating costs would remain unchanged from current conditions.

Project Name:	<b>Recreation Park Landscape and Signage Improvements</b>
Project Type:	Recreation
Department:	Recreation
Project Priority:	Low
Project Start Date:	2019
Project End Date:	2019

**Project Description:**

The project involves providing additional landscaping at City recreation facilities. The area of Recreation Park where the parking lot was expanded needs to be screened and beautified with numerous plantings to create a visual barrier and offer a more attractive surrounding when using the lower end of the park. Trees were removed for the parking lot and should be replaced. Other fields need additional screening to provide neighbors with increased buffer areas. Additional signage is necessary as well.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$19,500
Construction Inspection	\$0
<b>Total</b>	<b>\$19,500</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

Sources of Funding:	2016	2017	2018	2019	2020+	Total
General Revenues:	\$0	\$0	\$0	\$19,500	\$0	\$19,500

**Project Need/Issues:**

Project would provide aesthetic enhancements to park facilities and improved screening.

**Operating Cost Considerations:**

Additional landscape maintenance would be required by park staff after initial planting. The City will pursue a low maintenance planting program.

Project Name:	<b>Expand Maintenance Garage</b>
Project Type:	Recreation
Department:	Recreation
Project Priority:	Moderate
Project Start Date:	2020
Project End Date:	2020

**Project Description:**

The project involves the construction of a two bay addition with extra tall bay doors. Estimates are based on price per square foot of current construction costs.

**Cost Estimates**

30' X 40' Block Building (\$100/sq ft)	\$125,000
Electric fixtures/services	3,500
Design cost (7%)	8,000
Contingency (7%)	\$ 8,500
	<u>\$145,000</u>

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$8,000
Construction	\$137,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$145,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
General Revenue:	\$0	\$0	\$0	\$0	\$145,000	\$145,000

**Project Need/Issues:**

The department has motorized equipment that has a current replacement value of approximately \$500,000. A number of items can not be housed indoors due to lack of space and is subject to weather and potential vandalism.

**Operating Cost Considerations:**

It is anticipated that any increase due to utilities will be met with an equal or greater savings due to benefits of secured, covered equipment and material.

Project Name:	<b>Damiano Center Parking Lot Renovation</b>
Project Type:	Recreation
Department:	Recreation
Project Priority:	Moderate
Project Start Date:	2017
Project End Date:	2017

**Project Description:**

The Recreation building’s main parking lot and roadway to the maintenance garage is old and deteriorating. Milling and paving of the main lot and service road is important for safety as patching and filling the holes/cracks is no longer working. Curbing is also required. Project could include a new widen entrance to allow for pedestrian traffic safely from the parking lot to the crosswalk to Milton School.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$18,000
Construction Inspection	\$0
<b>Total</b>	<b>\$0</b>

**Project Priority Considerations:**

- Deteriorated Facility**
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
General Revenues:	\$0	\$18,000	\$0	\$0	\$0	<b>\$18,000</b>

**Project Need/Issues:**

Recreation’s main parking lot and roadway to the maintenance garage is old and deteriorating. Milling and paving of the main lot and service road is important for safety as patching and filling the holes/cracks is no longer working. Curbing is also required. Project could include a new wider entrance to allow for pedestrian traffic safely from the parking lot to the crosswalk to Milton School. Coordination with the City Engineer would be required. Cost estimate was derived by square footage of existing facility by current costs of milling and paving.

**Operating Cost Considerations:**

Reduced costs associated with maintenance and repair of parking lot.



Project Name:	<b>Recreation Generators</b>
Project Type:	Recreation
Department:	Recreation
Project Priority:	High
Project Start Date:	2016
Project End Date:	2016

**Project Description:**

Storms frequently knock out power to many of our City buildings. Having a generator so that the department can operate during this time would be not only beneficial to the staff, but to the general public as well. The staff could be productive and the building can serve as a warming/cooling/charging station. Having a generator that supplies the maintenance facility will allow the parks staff to operate which is critical in a storm regardless of the time of year/temperature. Cost below includes the cost of the unit and installation a 60KW generator for the main building and a 10KW diesel generator for the maintenance garage.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$30,000
Construction Inspection	\$0
<b>Total</b>	<b>\$30,000</b>

**Project Priority Considerations:**

- Deteriorated Facility**
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

<b>Sources of Funding:</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020+</b>	<b>Total</b>
General Revenues:	\$30,000		\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

Minimum 30KW Kohler generator

**Operating Cost Considerations:**

Some increase in energy/fuel costs to operate the generators.

Project Name:	<b>RGC Whitby Castle Window Project</b>
Project Type:	Recreation/Enterprise Fund
Department:	Golf Club
Project Priority:	Moderate
Project Start Date:	2019
Project End Date:	2019

**Project Description:**

Replacement of the windows in all of the 1990's era construction/additions including the ballroom and the porch extension. The work includes extensive wood replacement, carpentry work and installation of concrete curbs and base flashing along the perimeter at the porches. Additionally the work includes extensive stucco repairs around the windows of the ballroom including the severely deteriorated recessed panels below the multi-pane windows.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$25,000
Construction	\$650,000
Construction Inspection	\$0
<b>Total</b>	<b>\$675,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

Sources of Funding:	2016	2017	2018	2019	2020+	Total
Enterprise Reserve Fund:	\$0	\$0	\$0	\$675,000	\$0	<b>\$675,000</b>

**Project Need/Issues:**

Alternatives to this project were performing yearly extended preventative maintenance by sanding, priming, and repainting all exterior wood trim around the window casings. This is not a true alternative though because it is simply prolonging the lifespan of the current infrastructure. The club would anticipate funding this out of a general fund surplus.

**Operating Cost Considerations:**

The club would anticipate seeing utility savings from the more energy efficient windows.

Project Name:	<b>RGC Whitby Castle Basement Support</b>
Project Type:	Recreation/Enterprise Fund
Department:	Rye Golf Club
Project Priority:	Moderate
Project Start Date:	Spring 2016
Project End Date:	Fall 2016

**Project Description:**

Design and construct a permanent fix to the temporary jacks that are being used for stabilization in the basement of Whitby Castle.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$5,000
Construction	\$20,000
Construction Inspection	\$0
<b>Total</b>	<b>\$25,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

<b>Sources of Funding:</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>Total</b>
Enterprise Reserve Fund:	\$25,000	\$0	\$0	\$0	\$0	\$25,000

**Project Need/Issues:**

Approximately 10 years ago evidence of instability in the support for the ground floor of Whitby Castle developed including hairline cracks and shaking in limited spots when exposed to heavy foot traffic. As a temporary solution, temporary support jacks were added to the basements existing support beams. The instability has not returned, but these support jacks are not permanent solutions and need to be addressed.

**Operating Cost Considerations:**

None.

Project Name:	<b>RGC Course Signage</b>
Project Type:	Recreation/Enterprise Fund
Department:	Rye Golf Club
Project Priority:	Moderate
Project Start Date:	2016
Project End Date:	2016

**Project Description:**

Replacing old tee signs, directional signs, and yardage markers around the golf course.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$25,000
Construction Inspection	\$0
<b>Total</b>	<b>\$25,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

<b>Sources of Funding:</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020+</b>	<b>Total</b>
Enterprise Reserve Fund:	\$25,000	\$0	\$0	\$0	\$0	\$25,000

**Project Need/Issues:**

The golf club currently has tee signs, directional signs, and yardage markers that are generic and not consistent with the overall feel of the club. New signs will provide an aesthetic level that is consistent with the over all course improvements of the club.

**Operating Cost Considerations:**

The club would allocate approximately \$500 per year in the operating budget for routine maintenance of new signs.

Project Name:	<b>RGC Entrance Project</b>
Project Type:	Recreation/Enterprise Fund
Department:	Rye Golf Club
Project Priority:	Moderate
Project Start Date:	2016
Project End Date:	2016

**Project Description:**

Design, scope of work development, bid preparation, and construction of new landscaping, entrance, signage, and driveway lighting for the club.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$30,000
Construction Inspection	\$0
<b>Total</b>	<b>\$30,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020+</b>	<b>Total</b>
Enterprise Reserve Fund:	\$30,000	\$0	\$0	\$0	\$0	<b>\$30,000</b>

**Project Need/Issues:**

The club's entranceway is underwhelming and provides a poor first experience upon entering the club. A lackluster first impression lowers membership morale, may inhibit the ability to sell new memberships, and may inhibit the ability for the club's catering business to flourish. The club would hire a landscape architect to develop a tasteful entrance that provides a bold first impression, assist the club in developing scope of work and bid preparation, and allow the club to complete the construction required for the project to be finished.

**Operating Cost Considerations:**

There is potential for very limited additional operational costs if the landscaping requires more maintenance than at the present moment.

Project Name:	<b>RGC Greens Drainage &amp; Expansion</b>
Project Type:	Recreation/Enterprise Fund
Department:	Rye Golf Club
Project Priority:	Moderate
Project Start Date:	2016
Project End Date:	2020

**Project Description:**

Architectural design for installation of greens drainage, greens expansion, and scope of work for new sod to complete the project of all 20 greens at the club. This project can be completed in different phases with as little as 3 greens being completed per season.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$25,000
Construction	\$525,000
Construction Inspection	\$0
<b>Total</b>	<b>\$550,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020+</b>	<b>Total</b>
Enterprise Reserve Fund:	\$150,000	\$100,000	\$100,000	\$100,000	\$100,000	<b>\$550,000</b>

**Project Need/Issues:**

The Rye Golf Club's greens were severely damaged by a contaminated product in the spring of 2015. This damage will leave the greens inconsistent for several years to come. The damage wiped out the culmination of 10 years of hard work which led to the development of primarily bent grass putting surfaces. The only effective way to restore this effort to the level of playability that our members have come to expect is installing new bent grass sod. In order to do this we will need to install more appropriate drainage so that the new sod will take. While we are completing this project we will also perform some small green expansions on 2-4 greens to increase hole locations by softening some of the severe slopes. The increased hole location options are needed because the course typically hosts about 28,000 rounds of golf a year when the original greens were only designed to sustain 15,000. An architect will be required to GPS map the greens, prepare the drainage diagrams, map out the expansions, and develop of the scope of work for the bidding process.

**Operating Cost Considerations:**

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Project Name:	<b>RGC Grinders Replacement</b>
Project Type:	Recreation/Enterprise Fund
Department:	Rye Golf Club
Project Priority:	High
Project Start Date:	2016
Project End Date:	2016

**Project Description:**

Purchase of a bed knife grinder and a new reel grinder.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$60,000
Construction Inspection	\$0
<b>Total</b>	<b>\$60,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
Enterprise Reserve Fund:	\$60,000	\$0	\$0	\$0	\$0	<b>\$60,000</b>

**Project Need/Issues:**

These grinders are used to keep the reels and bed knives sharp on the mowing equipment for tees, greens, and fairways. The current grinders that we have are past their life expectancy of 15 years since they are 20 years old. Currently the magnet holders used to keep the grinders in place have begun to structurally fail and this will continue to get worse as the grinder spins off balance.

New grinders are also completely enclosed which prevent the technician from inhaling metal dust fragments.

**Operating Cost Considerations:**

There is a labor efficiency involved with the more modern grinders that are available.

Project Name:	<b>RGC Half Way House Master Planning</b>
Project Type:	Recreation/Enterprise Fund
Department:	Rye Golf Club
Project Priority:	Moderate
Project Start Date:	2016
Project End Date:	2016

**Project Description:**

Design work and planning for an improved Half way house at the courses 9<sup>th</sup> green.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$10,000
Construction Inspection	\$0
<b>Total</b>	<b>\$10,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020	Total
Enterprise Reserve Fund:	\$10,000	\$0	\$0	\$0	\$0	<b>\$10,000</b>

**Project Need/Issues:**

Currently, the members of the Rye Golf Club do not have a half way house that meets the standards of the Westchester County Department of Health and as such, the service that is able to be provided is extremely limited. The membership has expressed significant interest in conducting an architectural assessment of how the club can introduce a full service half way house. The first stage of this project would be reviewing what construction is possible in this tidal departure zone and also to develop the job scope of work.

**Operating Cost Considerations:**

The club can potentially see increase in revenue from increase sales at a fully functioning “half way house”.

Project Name:	<b>RGC/Whitby HVAC Repair/Replacement</b>
Project Type:	Recreation/Enterprise Fund
Department:	Rye Golf Club
Project Priority:	Moderate
Project Start Date:	2016
Project End Date:	2020

**Project Description:**

Systematic replacement of outdated and inefficient HVAC equipment at Rye Golf Club

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$35,000
Construction Inspection	\$0
<b>Total</b>	<b>\$35,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>Total</b>
Enterprise Reserve Fund:	\$5,000	\$10,000	\$10,000	\$5,000	\$5,000	\$35,000

**Project Need/Issues:**

In 2013 Carnell engineering was hired to complete an engineering assessment on much of the infrastructure and mechanics of the club. Their report indicates that our condensing units and coils on our HVAC system are nearing the end of their life expectancy and likely to fail over the next 5 years. Replacement is likely to become necessary over the next several years.

**Operating Cost Considerations:**

Potential for cost reductions based upon increased energy efficiency.

Project Name:	<b>RGC Parking Lot Treatment</b>
Project Type:	Recreation/Enterprise Fund
Department:	Rye Golf Club
Project Priority:	Moderate
Project Start Date:	2017
Project End Date:	2017

**Project Description:**

Crack-fill, seal, and re-stripe parking lots.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$30,000
Construction Inspection	\$0
<b>Total</b>	<b>\$30,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020+	Total
Enterprise Reserve Fund:	\$0	\$30,000	\$0	\$0	\$0	<b>\$30,000</b>

**Project Need/Issues:**

The two asphalt parking lots of the club require treatment to prevent extensive deterioration once every 3 to 5 years. The club performed this project in 2014 and will have to do so again one time between Fall of 2017 and fall of 2019.

**Operating Cost Considerations:**

Project Name:	<b>RGC Pool Cover</b>
Project Type:	Recreation/Enterprise Fund
Department:	Rye Golf Club
Project Priority:	Moderate
Project Start Date:	2016
Project End Date:	2016

**Project Description:**

Purchase and install a winter cover for the main pool.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$60,000
Construction Inspection	\$0
<b>Total</b>	<b>\$60,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020	Total
Enterprise Reserve Fund:	\$60,000	\$0	\$0	\$0	\$0	<b>\$60,000</b>

**Project Need/Issues:**

Engineering consultants have identified two important reasons to keep the RGC main pool full of water year round: (1) to prevent exterior pressures on the structure of the pool from causing damage by having alternating pressure on the structure from a full interior of the pool; (2) To prevent the surface plaster of the pool from being exposed to the elements which may cause superficial cracking or flaking. The club intends to keep the pool full year round and an industry best practice is to keep a cover on the pool to prevent debris from entering the water and staining the surface of the pool.

The pricing for this purchase and install are based upon expert pre-bid estimates.

**Operating Cost Considerations:**

Additional labor that will be required at the start/end of season to place the cover over the pool or remove it, about \$2,500 if out sourced.

Project Name:	<b>RGC Pool Master Planning</b>
Project Type:	Recreation/Enterprise Fund
Department:	Rye Golf Club
Project Priority:	Moderate
Project Start Date:	2016
Project End Date:	2016

**Project Description:**

Master planning for future redesign of pool facility space including the two pools, recreational space, and children’s playground.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$25,000
Construction	\$0
Construction Inspection	\$0
<b>Total</b>	<b>\$25,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020	Total
Enterprise Reserve Fund:	\$25,000	\$0	\$0	\$0	\$0	\$25,000

**Project Need/Issues:**

In order to prepare to remain competitive within the recreational market place the Rye Golf Club pool facility will need upgrades. The last major upgrade of the entire facility took place in 1994 and many competing clubs and municipal pools within our market have completed more recent upgrades since then. The club has examined the possibility of completing a major facilities upgrade at the end of current bond payments which will exist through 2020 and understanding ways in which the club can remain competitive within the market should begin in advance of this funding availability. The first step would be master planning work with an engineering/architectural firm.

**Operating Cost Considerations:**

The master planning work will result in additional expenses if the club wishes to begin following through on upgrades. This will include expenses associated with developing scope of work, bid preparation, and project management in addition to any construction.

Project Name:	<b>RGC Pool Mechanical Repair &amp; Replacement</b>
Project Type:	Recreation/Enterprise Fund
Department:	Rye Golf Club
Project Priority:	Moderate
Project Start Date:	2016
Project End Date:	2020

**Project Description:**

Ongoing repair and replacement of failing mechanical equipment of the RGC pool facility.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$50,000
Construction Inspection	\$0
<b>Total</b>	<b>\$50,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

<b>Sources of Funding:</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>Total</b>
Enterprise Reserve Fund:	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

**Project Need/Issues:**

An engineering assessment of our pool’s mechanical system have identified that our pool’s mechanical systems are long passed life expectancy and are not as efficient as modern pool mechanical equipment. As the equipment & piping continues to fail the club will systematically upgrade it.

**Operating Cost Considerations:**

Potential savings through increase energy efficiency and lower chemical bills as water within the system is more efficiently conserved.

Project Name:	<b>RGC Pool Resurfacing</b>
Project Type:	Recreation/Enterprise Fund
Department:	Rye Golf Club
Project Priority:	Moderate
Project Start Date:	2016
Project End Date:	2016

**Project Description:**

Strip the existing plaster and tile work inside the main pool down to the structural surface, reapply a plaster finish and tile work in kind with new product, and refill pool.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$500,000
Construction Inspection	\$0
<b>Total</b>	<b>\$500,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020	Total
Enterprise Reserve Fund:	\$500,000	\$0	\$0	\$0	\$0	<b>\$500,000</b>

**Project Need/Issues:**

This project is needed because the existing plaster finish and tile work is beyond its useful life expectancy. The last time the project was completed was in 2004, and it was only expected to last for 5 to 10 years. We have been experience significant flaking of the tiles and plaster in addition to extensive staining of the surface which is not appealing. If the tile and plaster continues to flake away the structure of the pool may be compromised.

One alternative that has been considered was just applying new plaster over the existing finish instead of scraping out the existing plaster which would save significant money. The pool engineer that consulted on this project advised against this because the plaster and tile flake from the bottom up, and if there is already existing corrosion under the existing plaster causing the existing plaster to flake up, the new plaster above it would flake off as well.

**Operating Cost Considerations:**

If this project were to be completed two additional costs will be involved. (1) Currently the pool is drained and left empty at the end of each season. This exposes the plaster to the elements and the structure of the pool to exterior ground pressures that are damaging. If we move forward with fixing the surface of the pool we should keep it full all winter long which will require additional money to keep the water balanced through out the winter, approximately \$5,000. (2) The purchase of a winter cover would be beneficial to prevent debris from falling into the pool in the winter and staining the new surface.

Project Name:	<b>RGC Roofing Repair/Replacement</b>
Project Type:	Recreation/Enterprise Fund
Department:	Rye Golf Club
Project Priority:	Moderate
Project Start Date:	2016
Project End Date:	2017

**Project Description:**

Significant repair/replacement of the roofing on RGC buildings.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$10,000
Construction	\$225,000
Construction Inspection	\$0
<b>Total</b>	<b>\$235,000</b>

**Project Priority Considerations:**

- Deteriorated Facility
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

**Sources of Funding:**

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>Total</b>
Enterprise Reserve Fund:	\$25,000	\$210,000	\$0	\$0	\$0	<b>\$235,000</b>

**Project Need/Issues:**

Much of the existing roofing and/or gutter systems on the buildings at Rye Golf Club are in deteriorating conditions. In 2015, the club hired an engineering firm with expertise in roofing assessments to review our existing conditions. The golf shop and administration building will need new roofing within the next two years. Several other buildings require extensive repair work over the next two years. The wood trim on the castle roof will need to be removed and replaced if desired.

**Operating Cost Considerations:**

The club will realize certain savings by limiting the amount of water leak repairs that are currently necessary.

Project Name:	<b>Milton Harbor Federal Channel Dredging</b>
Project Type:	Recreation/Enterprise Fund
Department:	Boat Basin
Project Priority:	High
Project Start Date:	2016
Project End Date:	2016

**Project Description:**

Maintenance dredging of the one mile long Federal Channel leading into the City of Rye Boat Basin as well as portions of the Boat Basin.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$20,000
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$1.6 M
Construction Inspection	\$20,000
<b>Total</b>	<b>\$1.64 M</b>

**Project Priority Considerations:**

- X Deteriorated Facility
- X Public Safety/Legal Mandate
- X Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- X Funding Availability

**Sources of Funding:**

	2016	2017	2018	2019	2020	Total
Boat Basin Enterprise Fund	\$820,000	\$0	\$0	\$0	\$0	<b>\$820,000</b>
Federal Grants and Aid	\$820,000	\$0	\$0	\$0	\$0	<b>\$820,000</b>

**Project Need/Issues:**

Maintenance dredging of the one mile long Federal Channel leading into and surrounding the Boat Basin docks. Navigation of most boats in or out of the Boat Basin during the low tide window is becoming difficult to impossible. The project will require multiple states and Federal permits. The project may have to be accomplished over two years depending upon disposal site availability. Project cost estimates are derived from current volume estimates and current per cubic yard pricing. This assumes disposal at the Western Long Island Sound disposal site without capping. Federal assistance will be required. There is currently \$600,000 in the Boat Basin Reserve Fund.

**Operating Cost Considerations:**

No operating or maintenance costs anticipated.

Project Name:	<b>Boat Basin Generator</b>
Project Type:	Recreation/Enterprise Fund
Department:	Boat Basin
Project Priority:	High
Project Start Date:	2016
Project End Date:	2016

**Project Description:**

This project is critical for the successful winter operation of the Boat Basin. The Boat Basin is responsible for in-water storage of several boats. Bubblers are operated 24/7 to keep ice from forming around the docks and the boats. Having an appropriately sized generator would provide safety for the boats and allow the boat basin to operate in full capacity if a storm was to knock out the power. The generator would also support the maintenance building that houses Marina Police. Cost below is for the generator unit and installation on a raised platform.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$21,000
Construction Inspection	\$0
<b>Total</b>	<b>\$21,000</b>

**Project Priority Considerations:**

- Deteriorated Facility**
- Public Safety/Legal Mandate
- Systematic Replacement/Operational Efficiency
- Resource Conservation/Environmental Quality
- New/Expanded Facility or Program
- Consistency with Formal Plans or Policy
- Funding Availability

Sources of Funding:	2016	2017	2018	2019	2020	Total
General Revenues:	\$21,000	\$0	\$0	\$0	\$0	<b>\$21,000</b>

**Project Need/Issues:**

Minimum 30KW Kohler generator

**Operating Cost Considerations:**

Some increase in energy costs to run generator.