

# 2018-2022 Capital Improvement Plan

City of Rye, New York



*Planning and Funding For City Projects  
For Fiscal Years Ending December 31,  
2018 through 2022*

September 2017

**TABLE OF CONTENTS**

**Section I – Overview** vi

**Section II – Tables of Project and Vehicle Funding Requirements and Sources**

**Section III – Project Worksheets**

Annual Building Improvement Program ..... 1

Police/Court Building Improvements ..... 2

Police Storage Building At Disbrow Park - Roof Replacement..... 5

City Hall Improvements..... 6

City Hall TV Studio..... 7

DPW Salt Shed Replacement ..... 8

DPW Fuel Tank Replacement ..... 9

DPW Garage Replacement ..... 10

DPW New Garage ..... 11

Firehouse Improvements..... 12

Annual Drainage Improvement Program..... 14

Bowman Avenue Dam Sluice Gate Modifications..... 15

Bowman Avenue Dam Upper Pond Resizing..... 16

Milton Road Drain ..... 17

Forest Avenue to Stonycrest Road Drain ..... 18

Red Maple Swamp Study ..... 19

---

Colby Avenue Drainage.....	20
Ellsworth Street Drainage.....	21
Martin Road Drainage .....	22
Nature Center Streambank Restoration .....	24
Annual Sewer Improvement Program .....	26
Stuyvesant Avenue Pump Station Pump Replacement.....	27
Locust Avenue Sewer Siphon Replacement.....	28
Pump Station Automation (SCADA System).....	29
Sanitary Sewer Evaluation Survey Implementation .....	30
Annual Pedestrian Improvement Program.....	32
Annual Street Improvement Program .....	33
Annual Traffic Signal and Safety Program.....	34
Boston Post Road Retaining Wall .....	35
Theodore Fremd/Blind Brook Retaining Wall .....	36
Purchase Street Roundabout .....	37
CBD - Purchase Street Reconstruction.....	38
Purchase/Fremd & Purdy Intersection Improvement .....	39
Locust Avenue Bridge .....	40
Orchard Avenue Bridge Rehabilitation .....	41
MTA Parking Lot Improvements .....	42

CBD – School/Purdy Parking Lot (Car Park 5)..... 43

Forest Avenue Pedestrian Improvements ..... 45

5 Points Intersection Improvements ..... 46

Osborn Road Area Study & Improvements ..... 47

Stuyvesant Avenue Pedestrian Improvements..... 48

Boston Post Road/Parsons Street/Nature Center Roundabout..... 49

Boston Post Road/Old Post Road Traffic Signal Replacement ..... 50

CBD – Car Park Improvement & Deck Feasibility Study..... 51

Damiano Center HVAC..... 53

Gagliardo Park Improvements ..... 54

Tennis Court Lighting Improvement ..... 55

Nursery Field Rehabilitation and Drainage ..... 56

Upper Picnic Shelter Replacement ..... 57

Recreation Park Landscape and Signage Improvements ..... 58

Expand Maintenance Garage ..... 59

Recreation Park Tennis Court Replacement..... 60

Recreation Patio Replacement/Repair ..... 61

Rec Parking Lot and Service Road Resurfacing..... 62

Handicapped Accessible Playground..... 63

Damiano Roof Replacement..... 64

---

Damiano Floor Replacement .....	65
Recreation Building Painting.....	66
Recreation Basketball Repainting.....	67
RGC Whitby Castle Window Project.....	72
RGC Whitby Castle Basement Support.....	73
RGC Course Signage .....	74
RGC Greens Drainage & Expansion .....	75
RGC Half Way House and 1 <sup>st</sup> Tee Planning.....	76
RGC/Whitby HVAC Repair/Replacement .....	77
RGC Parking Lot Treatment.....	78
RGC Pool Mechanical Repair & Replacement.....	79
RGC Pool Resurfacing.....	80
RGC Course Irrigation Improvements.....	81
RGC Tree Management .....	82
RGC Whitby Castle Frames & Shutters .....	83
Milton Harbor Federal Channel Dredging.....	86
Boat Basin Generator .....	87
Boat Basin Work Shed.....	88
Boat Basin Dam Water Supply .....	89
Boat Basin Parking Lot.....	90

---

Boat Basin Float Replacement.....	91
Boat Basin Main Gazebo Repair or Replacement .....	92
Boat Basin Launch Ramp Extension .....	93
Police Vehicle Mobile Video Recorders and Body Cameras .....	94
Fire Department Radio Upgrades .....	96
Fire Boat .....	97
Command Vehicles Replacement.....	98
Fire Engine Replacement.....	99

## 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, 2018 through 2022.

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-\$20,000. 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 87 capital improvement projects including 66 projects from non-enterprise fund categories and an additional 21 projects identified by the City's Boat Basin and Rye Golf enterprise operations. The total cost of all projects is \$56.7 million over the five year planning period. Table 2 provides a summary of total required funding by project type by year.

**TABLE 2:  
CIP Funding Requirements by Project Type and Year: 2017-2021**

<b>Project Type</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021+</b>	<b>Total Required</b>
<b>Building</b>	\$3,400,000	\$600,000	\$4,600,000	\$170,000	\$900,000	\$9,670,000
<b>Drainage</b>	\$250,000	\$475,000	\$1,000,000	\$235,000	\$9,110,000	\$11,070,000
<b>Sewer</b>	\$980,000	\$760,000	\$610,000	\$610,000	\$670,000	\$3,630,000
<b>Transportation</b>	\$3,049,000	\$7,864,000	\$6,704,000	\$3,069,000	\$2,044,000	\$22,730,000
<b>Recreation</b>	\$1,110,000	\$308,000	\$250,000	\$315,000	\$19,500	\$2,002,500
<i>Rye Golf*</i>	<i>\$1,165,000</i>	<i>\$1,440,000</i>	<i>\$2,470,000</i>	<i>\$15,000</i>	<i>\$15,000</i>	<i>\$5,105,000</i>
<i>Boat Basin*</i>	<i>\$1,050,000</i>	<i>\$306,000</i>	<i>\$50,000</i>	<i>\$50,000</i>	<i>\$1,051,500</i>	<i>\$2,507,500</i>
<b>Sub-Total Enterprise*</b>	<b>\$2,215,000</b>	<b>\$1,746,000</b>	<b>\$2,520,000</b>	<b>\$65,000</b>	<b>\$1,066,500</b>	<b>\$7,612,500</b>
<b>Sub-Total Non-Enterprise</b>	<b>\$8,789,000</b>	<b>\$10,007,000</b>	<b>\$13,164,000</b>	<b>\$4,399,000</b>	<b>\$12,743,500</b>	<b>\$49,102,500</b>
<b>GRAND TOTAL</b>	<b>\$11,004,000</b>	<b>\$11,753,000</b>	<b>\$15,684,000</b>	<b>\$4,464,000</b>	<b>\$13,810,000</b>	<b>\$56,715,000</b>
<b>Vehicles &amp; Equipment</b>	\$2,358,000	\$1,675,000	\$805,500	\$1,088,000	\$689,000	\$6,615,500

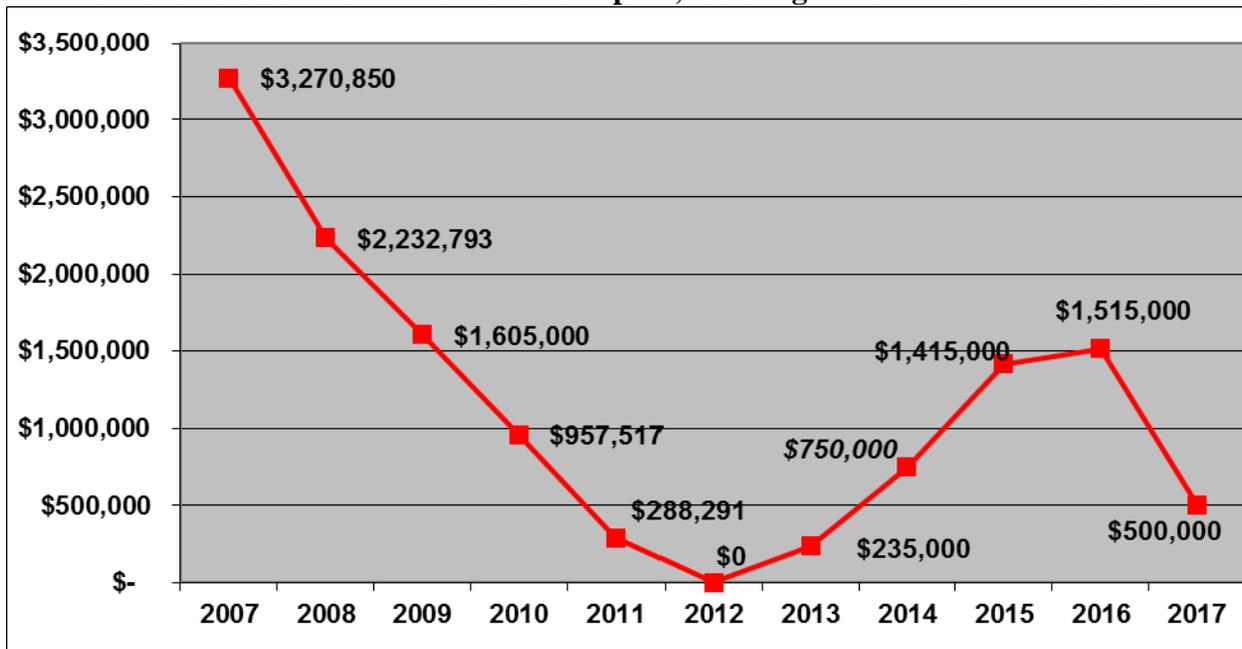
**Fund Balance**

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 \$4.9 Million or 15% of total operating expenses, which is slightly less than last year. The City’s Building and Vehicle Fund currently has \$1.9 Million.

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: 2007-2017**



Note: 2017 Figure is budgeted as opposed to actual fund balance and does not reflect \$600,000 in annual street resurfacing, which as of the 2017 Budget is funded through the property tax levy rather than 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.

A new potential source of capital funding revenue is associated with future development of multi-family units in the RA-6 Zoning District at 120 Old Post Road. In 2015, the City Council adopted a new zoning district for that property that requires a \$10,000 per multi-family unit contribution towards the City’s capital program. These earmarked funds could generate over \$1 Million if full development potential is realized.

## 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 current \$37.8 Million budget, a 2% property tax increase translates into approximately \$442,840 in revenue. With the average cost of projects in the CIP exceeding \$652,000 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: 2018-2022**

<b>Project Type</b>	<b>General Revenues</b>	<b>Grants &amp; Aid</b>	<b>Debt</b>	<b>Total Sources</b>
<b>Building</b>	\$1,120,000	\$850,000	\$7,700,000	\$9,670,000
<b>Drainage</b>	\$570,000	\$10,500,000	\$0	\$11,070,000
<b>Sewer</b>	\$580,000	\$1,250,000	\$1,800,000	\$3,630,000
<b>Transportation</b>	\$9,710,000	\$7,220,000	\$5,800,000	\$22,730,000
<b>Recreation</b>	\$2,002,500	\$0	\$0	\$2,002,500
<i>Rye Golf*</i>	\$5,105,000	\$0	\$0	\$5,105,000
<i>Boat Basin*</i>	\$2,407,500	\$100,000	\$0	\$2,507,500
<i>Sub-Total Enterprise*</i>	\$7,512,500	\$100,000	\$0	\$7,612,500
<b>Sub-Total Non-Enterprise</b>	\$13,982,500	\$19,820,000	\$15,300,000	\$49,102,500
<b>Sub-Total Enterprise*</b>	<b>\$21,495,000</b>	<b>\$19,920,000</b>	<b>\$15,300,000</b>	<b>\$56,715,000</b>
<b>Vehicles &amp; Equipment</b>	\$4,370,500	\$ -	\$2,245,000	\$6,615,500

## 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.

In 2016 the City Council adopted changes in the City charter to modify debt restrictions. Under the current charter provisions, the City Council can authorize up to \$11.2 Million in debt by its own vote. This allows the Council greater flexibility in the use of debt. Prior to this change the 2016 CIP noted that the City Council had only \$700,000 in debt authorization. An additional \$1.4 Million in debt can be issued for public safety projects, such as improvements to the police/court building. The CIP proposes the use of approximately \$15.3 Million in debt to fund projects. Actual use of debt will be determined as projects are considered for funding and the financial position of the City at the time actual expenditures are incurred. Capital projects are often multi-year endeavors and their costs and funding sources change over the time period to implement a project.

## CIP Project Highlights

The CIP identifies approximately \$49 Million in non-enterprise fund projects over the next five or more years and almost \$7.8 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: 2018-2022+**

<b>Project Type</b>	<b>2018</b>	<b>2018</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total Required</b>
<b>Building</b>	<b>\$3,400,000</b>	<b>\$600,000</b>	<b>\$4,600,000</b>	<b>\$170,000</b>	<b>\$900,000</b>	<b>\$9,670,000</b>
<i>General Rev.</i>	\$300,000	\$300,000	\$100,000	\$170,000	\$250,000	\$1,120,000
<i>Grants &amp; Aid</i>	\$200,000	\$0	\$0	\$0	\$650,000	\$850,000
<i>Debt</i>	\$2,900,000	\$300,000	\$4,500,000	\$0	\$0	\$7,700,000
<b>Drainage</b>	<b>\$250,000</b>	<b>\$475,000</b>	<b>\$1,000,000</b>	<b>\$235,000</b>	<b>\$9,110,000</b>	<b>\$11,070,000</b>
<i>General Rev.</i>	\$50,000	\$75,000	\$50,000	\$135,000	\$260,000	\$570,000
<i>Grants &amp; Aid</i>	\$200,000	\$400,000	\$950,000	\$100,000	\$8,850,000	\$10,500,000
<i>Debt</i>	\$0	\$0	\$0	\$0	\$0	\$0
<b>Sewer</b>	<b>\$980,000</b>	<b>\$760,000</b>	<b>\$610,000</b>	<b>\$610,000</b>	<b>\$670,000</b>	<b>\$3,630,000</b>
<i>General Rev.</i>	\$80,000	\$110,000	\$110,000	\$110,000	\$170,000	\$580,000
<i>Grants &amp; Aid</i>	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000
<i>Debt</i>	\$650,000	\$400,000	\$250,000	\$250,000	\$250,000	\$1,800,000
<b>Transportation</b>	<b>\$3,049,000</b>	<b>\$7,864,000</b>	<b>\$6,704,000</b>	<b>\$3,069,000</b>	<b>\$2,044,000</b>	<b>\$22,730,000</b>
<i>General Rev.</i>	\$1,255,000	\$1,870,000	\$4,190,000	\$1,195,000	\$1,200,000	\$9,710,000
<i>Grants &amp; Aid</i>	\$1,194,000	\$3,544,000	\$414,000	\$1,224,000	\$844,000	\$7,220,000
<i>Debt</i>	\$600,000	\$2,450,000	\$2,100,000	\$650,000	\$0	\$5,800,000

<b>Recreation</b>	<b>\$1,110,000</b>	<b>\$308,000</b>	<b>\$250,000</b>	<b>\$315,000</b>	<b>\$19,500</b>	<b>\$2,002,500</b>
<i>General Rev.</i>	\$1,110,000	\$308,000	\$250,000	\$315,000	\$19,500	\$2,002,500
<i>Grants &amp; Aid</i>	\$0	\$0	\$0	\$0	\$0	\$0
<i>Debt</i>	\$0	\$0	\$0	\$0	\$0	\$0
<b>Rye Golf*</b>	<b>\$1,165,000</b>	<b>\$1,440,000</b>	<b>\$2,470,000</b>	<b>\$15,000</b>	<b>\$15,000</b>	<b>\$5,105,000</b>
<i>General Rev.</i>	\$1,165,000	\$1,440,000	\$2,470,000	\$15,000	\$15,000	\$5,105,000
<i>Grants &amp; Aid</i>	\$0	\$0	\$0	\$0	\$0	\$0
<i>Debt</i>	\$0	\$0	\$0	\$0	\$0	\$0
<b>Boat Basin*</b>	<b>\$1,050,000</b>	<b>\$306,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$1,051,500</b>	<b>\$2,507,500</b>
<i>General Rev.</i>	\$1,050,000	\$206,000	\$50,000	\$50,000	\$1,051,500	\$2,407,500
<i>Grants &amp; Aid</i>	\$0	\$100,000	\$0	\$0	\$0	\$100,000
<i>Debt</i>	\$0	\$0	\$0	\$0	\$0	\$0
<b>Sub-Total Enterprise*</b>	<b>\$2,215,000</b>	<b>\$1,746,000</b>	<b>\$2,520,000</b>	<b>\$65,000</b>	<b>\$1,066,500</b>	<b>\$7,612,500</b>
<i>General Rev.</i>	\$2,215,000	\$1,646,000	\$2,520,000	\$65,000	\$1,066,500	\$7,512,500
<i>Grants &amp; Aid</i>	\$0	\$100,000	\$0	\$0	\$0	\$100,000
<i>Debt</i>	\$0	\$0	\$0	\$0	\$0	\$0
<b>Sub-Total Non-Enterprise</b>	<b>\$8,789,000</b>	<b>\$10,007,000</b>	<b>\$13,164,000</b>	<b>\$4,399,000</b>	<b>\$12,743,500</b>	<b>\$49,102,500</b>
<i>General Rev.</i>	\$2,795,000	\$2,663,000	\$4,700,000	\$1,925,000	\$1,899,500	\$13,982,500
<i>Grants &amp; Aid</i>	\$1,844,000	\$4,194,000	\$1,614,000	\$1,574,000	\$10,594,000	\$19,820,000
<i>Debt</i>	\$4,150,000	\$3,150,000	\$6,850,000	\$900,000	\$250,000	\$15,300,000
<b>GRAND TOTAL</b>	<b>\$11,004,000</b>	<b>\$11,753,000</b>	<b>\$15,684,000</b>	<b>\$4,464,000</b>	<b>\$13,810,000</b>	<b>\$56,715,000</b>
<i>General Rev.</i>	\$5,010,000	\$4,309,000	\$7,220,000	\$1,990,000	\$2,966,000	\$21,495,000
<i>Grants &amp; Aid</i>	\$1,844,000	\$4,294,000	\$1,614,000	\$1,574,000	\$10,594,000	\$19,920,000
<i>Debt</i>	\$4,150,000	\$3,150,000	\$6,850,000	\$900,000	\$250,000	\$15,300,000

### 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 \$5.1 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 year to maintain its current operational levels at an estimated cost of \$1.0 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 and rising dredging required approximately every seven years is a continuing challenge of the fiscal sustainability and functionality of the Boat Basin. 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.

**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. The Disbrow Park Master Plan was initiated this year, but has not yet been completed. Upon plan completion and community consensus of a preferred alternative it is anticipated that cost estimates for existing DPW and recreation projects will be refined and new or modified project be included in a future CIP.

**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, will be presented to the City Council at a public meeting and 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): 2018-2022**  
Project Funding Requirements

Capital Project Name	Priority	Funding Requirements					Total Required
		2018	2019	2020	2021	2022+	
<b>BUILDING PROJECTS</b>							
Annual Building Improvement Program	Moderate	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000
Police/Court Building Improvements (in design)	Urgent	\$ 2,400,000	\$ -	\$ -	\$ -	\$ -	\$ 2,400,000
Police Department Building Upgrades	Moderate	\$ -	\$ 125,000	\$ -	\$ -	\$ -	\$ 125,000
Police Department Evidence Room	High	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000
Police Storage Building At Disbrow Park - Roof Replacement	High	\$ -	\$ -	\$ -	\$ 120,000	\$ -	\$ 120,000
City Hall Improvements	High	\$ 700,000	\$ 300,000	\$ -	\$ -	\$ -	\$ 1,000,000
City Hall TV Studio	Low	\$ -	\$ -	\$ -	\$ -	\$ 850,000	\$ 850,000
DPW Salt Shed Replacement	High	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ 500,000
DPW Fuel Tank Replacement	High	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000
DPW Garage Replacement	High	\$ -	\$ -	\$ 2,000,000	\$ -	\$ -	\$ 2,000,000
DPW New Garage Building	High	\$ -	\$ -	\$ 2,000,000	\$ -	\$ -	\$ 2,000,000
Firehouse Improvements	Low	\$ -	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ 100,000
<b>Sub-Total Building Projects:</b>		<b>\$ 3,400,000</b>	<b>\$ 600,000</b>	<b>\$ 4,600,000</b>	<b>\$ 170,000</b>	<b>\$ 900,000</b>	<b>\$ 9,670,000</b>
General Revenues		\$ 300,000	\$ 300,000	\$ 100,000	\$ 170,000	\$ 250,000	\$ 1,120,000
Grants & Aid		\$ 200,000	\$ -	\$ -	\$ -	\$ 650,000	\$ 850,000
Debt		\$ 2,900,000	\$ 300,000	\$ 4,500,000	\$ -	\$ -	\$ 7,700,000
<b>DRAINAGE/FLOODING PROJECTS</b>							
Annual Drainage Improvement Program	High	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000
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
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 Study	Moderate	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000
Colby Avenue Drainage	Low	\$ -	\$ -	\$ -	\$ -	\$ 120,000	\$ 120,000
Ellsworth Street Drainage	Low	\$ -	\$ -	\$ -	\$ -	\$ 90,000	\$ 90,000
Martin Road Drainage	Low	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 50,000
Nature Center Stream Bank Restoration	Moderate	\$ -	\$ -	\$ 50,000	\$ 100,000	\$ -	\$ 150,000
<b>Sub-Total Drainage Projects:</b>		<b>\$ 250,000</b>	<b>\$ 475,000</b>	<b>\$ 1,000,000</b>	<b>\$ 235,000</b>	<b>\$ 9,110,000</b>	<b>\$ 11,070,000</b>
General Revenues		\$ 50,000	\$ 75,000	\$ 50,000	\$ 135,000	\$ 260,000	\$ 570,000
Grants & Aid		\$ 200,000	\$ 400,000	\$ 950,000	\$ 100,000	\$ 8,850,000	\$ 10,500,000
Debt		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Capital Project Name	Priority	Funding Requirements					Total Required
		2018	2019	2020	2021	2022+	
<b>SEWER PROJECTS</b>							
Annual Sewer Improvement Program	High	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000
Stuyvesant Ave. Pump Station Pump Replacement	Moderate	\$ -	\$ 150,000	\$ -	\$ -	\$ 120,000	\$ 270,000
Locust Avenue Sewer Siphon Replacement	Urgent	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ 400,000
Pump Station Automation (SCADA System)	High	\$ 30,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ -	\$ 210,000
Sanitary Sewer Evaluation Survey Implementation	Urgent	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,500,000
<b>Sub-Total Sewer Projects:</b>		<b>\$ 980,000</b>	<b>\$ 760,000</b>	<b>\$ 610,000</b>	<b>\$ 610,000</b>	<b>\$ 670,000</b>	<b>\$ 3,630,000</b>
General Revenues		\$ 80,000	\$ 110,000	\$ 110,000	\$ 110,000	\$ 170,000	\$ 580,000
Grants & Aid		\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,250,000
Debt		\$ 650,000	\$ 400,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,800,000
<b>TRANSPORTATION PROJECTS</b>							
Annual Pedestrian Improvement Program	High	\$ 80,000	\$ 85,000	\$ 90,000	\$ 95,000	\$ 100,000	\$ 450,000
Annual Street Improvement Program	High	\$ 1,344,000	\$ 1,344,000	\$ 1,344,000	\$ 1,344,000	\$ 1,344,000	\$ 6,720,000
Annual Traffic Signal and Safety Program	High	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000
Boston Post Road Retaining Wall	Urgent	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000
Theodore Fremd/Blind Brook Retaining Wall	Urgent	\$ -	\$ 1,400,000	\$ -	\$ -	\$ -	\$ 1,400,000
Purchase Street Roundabout	Low	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 500,000
CBD - Purchase Street Reconstruction	Moderate	\$ -	\$ 50,000	\$ 800,000	\$ -	\$ -	\$ 850,000
Purchase/Fremd & Purdy Intersection Improvement	High	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ 600,000
Locust Avenue Bridge	Moderate	\$ -	\$ 1,710,000	\$ -	\$ -	\$ -	\$ 1,710,000
Orchard Avenue Bridge Rehabilitation	Moderate	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000
MTA Parking Lot Improvements	Moderate	\$ -	\$ 350,000	\$ 3,000,000	\$ -	\$ -	\$ 3,350,000
School/Purdy Parking Lot (Car Park 5)	High	\$ -	\$ -	\$ -	\$ 650,000	\$ -	\$ 650,000
Police Department Parking Lot	Moderate	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000
Forest Avenue Pedestrian and Road Improvements	High	\$ 150,000	\$ 2,450,000	\$ -	\$ -	\$ -	\$ 2,600,000
5 Points Intersection Improvements	Moderate	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000
Osborn Road Area Study & Improvements	Moderate	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Stuyvesant Avenue Pedestrian Improvements	Moderate	\$ -	\$ -	\$ 50,000	\$ 700,000	\$ -	\$ 750,000
Boston Post Road/Parsons Street/Nature Center Roundabout	Moderate	\$ -	\$ 100,000	\$ 1,300,000	\$ -	\$ -	\$ 1,400,000
Boston Post Road/Old Post Road Traffic Signal Replacement	Moderate	\$ -	\$ -	\$ 20,000	\$ 180,000	\$ -	\$ 200,000
CBD - Car Park Improvement & Deck Feasibility Study	High	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ 75,000
<b>Sub-Total Transportation Projects:</b>		<b>\$ 3,049,000</b>	<b>\$ 7,864,000</b>	<b>\$ 6,704,000</b>	<b>\$ 3,069,000</b>	<b>\$ 2,044,000</b>	<b>\$ 22,730,000</b>
General Revenues		\$ 1,255,000	\$ 1,870,000	\$ 4,190,000	\$ 1,195,000	\$ 1,200,000	\$ 9,710,000
Grants & Aid		\$ 1,194,000	\$ 3,544,000	\$ 414,000	\$ 1,224,000	\$ 844,000	\$ 7,220,000
Debt		\$ 600,000	\$ 2,450,000	\$ 2,100,000	\$ 650,000	\$ -	\$ 5,800,000

**Funding Requirements**

Capital Project Name	Priority	2018	2019	2020	2021	2022+	Total Required
<b>RECREATION PROJECTS</b>							
Damiano Center HVAC	Urgent	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000
Gagliardo Park Improvements	Moderate	\$ 175,000	\$ -	\$ -	\$ -	\$ -	\$ 175,000
Tennis Court Lighting Improvement	Moderate	\$ -	\$ 160,000	\$ 160,000	\$ 120,000	\$ -	\$ 440,000
Nursery Field Rehabilitation and Drainage	High	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ 450,000
Upper Picnic Shelter Replacement	High	\$ -	\$ -	\$ 90,000	\$ -	\$ -	\$ 90,000
Recreation Park Landscape and Signage Improvements	Low	\$ -	\$ -	\$ -	\$ -	\$ 19,500	\$ 19,500
Expand Maintenance Garage	Moderate	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ 150,000
Recreation Park Tennis Court Replacement	High	\$ 180,000	\$ -	\$ -	\$ -	\$ -	\$ 180,000
Rec Patio Replacement/Repair	Moderate	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
Rec Parking Lot and Service Road Resurfacing	High	\$ 45,000	\$ -	\$ -	\$ -	\$ -	\$ 45,000
Handicapped Accessible Playground	High	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000
Damiano Roof Replacement	Moderate	\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000
Damiano Floor Replacement	Moderate	\$ -	\$ -	\$ -	\$ 25,000	\$ -	\$ 25,000
Recreation Building Painting	Low	\$ -	\$ -	\$ -	\$ 20,000	\$ -	\$ 20,000
Recreation Basketball Repainting	Moderate	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000
Recreation Electrical Improvement	Moderate	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000
Recreation Security System Upgrade	Moderate	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000
Recreation Irrigation Upgrade	Moderate	\$ -	\$ 28,000	\$ -	\$ -	\$ -	\$ 28,000
<b>Sub-Total Recreation Projects:</b>		<b>\$ 1,110,000</b>	<b>\$ 308,000</b>	<b>\$ 250,000</b>	<b>\$ 315,000</b>	<b>\$ 19,500</b>	<b>\$ 2,002,500</b>
<i>General Revenues</i>		\$ 1,110,000	\$ 308,000	\$ 250,000	\$ 315,000	\$ 19,500	\$ 2,002,500
<i>Grants &amp; Aid</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<b>RYE GOLF PROJECTS</b>							
RGC Whitby Castle Window Project	Moderate	\$ -	\$ 675,000	\$ -	\$ -	\$ -	\$ 675,000
RGC Whitby Castle Basement Support	Moderate	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000
RGC Course Signage	Moderate	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ 15,000
RGC Greens Drainage & Expansion	Moderate	\$ 150,000	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ 650,000
RGC Half Way House Master & 1st Tee Planning	Moderate	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000
RGC/Whitby HVAC Repair/Replacement	Moderate	\$ 5,000	\$ 30,000	\$ 10,000	\$ 5,000	\$ 5,000	\$ 55,000
RGC Parking Lot Treatment	Moderate	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000
RGC Pool Mechanical Repair & Replacement	Moderate	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000
RGC Pool Resurfacing	Moderate	\$ 700,000	\$ -	\$ -	\$ -	\$ -	\$ 700,000
RGC Course Irrigation Improvement Study	High	\$ 40,000	\$ 375,000	\$ 2,200,000	\$ -	\$ -	\$ 2,615,000
RGC Tree Management	Moderate	\$ 105,000	\$ 100,000	\$ -	\$ -	\$ -	\$ 205,000
RGC Whitby Castle Frames & Shutters	Moderate	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000
Golf Course Landscape Improvements	Moderate	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000
<b>Sub-Total Rye Golf Projects:</b>		<b>\$ 1,165,000</b>	<b>\$ 1,440,000</b>	<b>\$ 2,470,000</b>	<b>\$ 15,000</b>	<b>\$ 15,000</b>	<b>\$ 5,105,000</b>
<i>Rye Golf Revenues</i>		\$ 1,165,000	\$ 1,440,000	\$ 2,470,000	\$ 15,000	\$ 15,000	\$ 5,105,000
<i>Grants &amp; Aid</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<b>BOAT BASIN PROJECTS</b>							
Boat Basin - Milton Harbor Dredging	High	\$ 1,000,000	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 2,000,000
Boat Basin - Rye, New York CIP: 2018-2022	High	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000

Capital Project Name	Priority	Funding Requirements					Total Required
		2018	2019	2020	2021	2022+	
Boat Basin Work Shed	Moderate	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000
Boat Basin Dam Water Supply	Low	\$ -	\$ -	\$ -	\$ -	\$ 21,500	\$ 21,500
Boat Basin Parking Lot	Low	\$ -	\$ 42,500	\$ -	\$ -	\$ -	\$ 42,500
Boat Basin Float Replacement	Moderate	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ 200,000
Boat Basin Main Gazebo Repair or Replacement	Moderate	\$ -	\$ 68,500	\$ -	\$ -	\$ -	\$ 68,500
Boat Basin Launch Ramp Extension	High	\$ -	\$ 120,000	\$ -	\$ -	\$ -	\$ 120,000
<b>Sub-Total Boat Basin Projects:</b>		<b>\$ 1,050,000</b>	<b>\$ 306,000</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ 1,051,500</b>	<b>\$ 2,507,500</b>
<i>Boat Basin Reserves</i>		\$ 1,050,000	\$ 206,000	\$ 50,000	\$ 50,000	\$ 1,051,500	\$ 2,407,500
<i>Grants &amp; Aid</i>		\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Subtotal Enterprise Funds</b>		<b>\$ 2,215,000</b>	<b>\$ 1,746,000</b>	<b>\$ 2,520,000</b>	<b>\$ 65,000</b>	<b>\$ 1,066,500</b>	<b>\$ 7,612,500</b>
<i>Total General Revenues</i>		\$ 2,215,000	\$ 1,646,000	\$ 2,520,000	\$ 65,000	\$ 1,066,500	\$ 7,512,500
<i>Total Grants &amp; Aid</i>		\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000
<i>Total Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Subtotal Non-Enterprise Funds</b>		<b>\$ 8,789,000</b>	<b>\$ 10,007,000</b>	<b>\$ 13,164,000</b>	<b>\$ 4,399,000</b>	<b>\$ 12,743,500</b>	<b>\$ 49,102,500</b>
<i>Total General Revenues</i>		\$ 2,795,000	\$ 2,663,000	\$ 4,700,000	\$ 1,925,000	\$ 1,899,500	\$ 13,982,500
<i>Total Grants &amp; Aid</i>		\$ 1,844,000	\$ 4,194,000	\$ 1,614,000	\$ 1,574,000	\$ 10,594,000	\$ 19,820,000
<i>Total Debt</i>		\$ 4,150,000	\$ 3,150,000	\$ 6,850,000	\$ 900,000	\$ 250,000	\$ 15,300,000
<b>TOTAL ALL PROJECTS:</b>		<b>\$ 11,004,000</b>	<b>\$ 11,753,000</b>	<b>\$ 15,684,000</b>	<b>\$ 4,464,000</b>	<b>\$ 13,810,000</b>	<b>\$ 56,715,000</b>
<i>Total General Revenues</i>		\$ 5,010,000	\$ 4,309,000	\$ 7,220,000	\$ 1,990,000	\$ 2,966,000	\$ 21,495,000
<i>Total Grants &amp; Aid</i>		\$ 1,844,000	\$ 4,294,000	\$ 1,614,000	\$ 1,574,000	\$ 10,594,000	\$ 19,920,000
<i>Total Debt</i>		\$ 4,150,000	\$ 3,150,000	\$ 6,850,000	\$ 900,000	\$ 250,000	\$ 15,300,000

**Capital Improvement Plan (CIP): 2018-2022**  
Project Funding Sources

Capital Project Name	Funding Sources			Total Sources
	General Revenues	Grants & Aid	Debt	
<b><i>BUILDING PROJECTS</i></b>				
Annual Building Improvement Program	\$ 250,000	\$ -	\$ -	\$ 250,000
Police/Court Building Improvements (in design)	\$ -	\$ 200,000	\$ 2,200,000	\$ 2,400,000
Police Department Building Upgrades	\$ 125,000	\$ -	\$ -	\$ 125,000
Police Department Evidence Room	\$ 75,000	\$ -	\$ -	\$ 75,000
Police Storage Building At Disbrow Park - Roof Replacement	\$ 120,000	\$ -	\$ -	\$ 120,000
City Hall Improvements	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000
City Hall TV Studio	\$ 200,000	\$ 650,000	\$ -	\$ 850,000
DPW Salt Shed Replacement	\$ -	\$ -	\$ 500,000	\$ 500,000
DPW Fuel Tank Replacement	\$ 250,000	\$ -	\$ -	\$ 250,000
DPW Garage Replacement	\$ -	\$ -	\$ 2,000,000	\$ 2,000,000
DPW New Garage Building	\$ -	\$ -	\$ 2,000,000	\$ 2,000,000
Firehouse Improvements	\$ 100,000	\$ -	\$ -	\$ 100,000
<b>Sub-Total Building Projects:</b>	<b>\$ 1,120,000</b>	<b>\$ 850,000</b>	<b>\$ 7,700,000</b>	<b>\$ 9,670,000</b>
<b><i>DRAINAGE/FLOODING PROJECTS</i></b>				
Annual Drainage Improvement Program	\$ 250,000	\$ -	\$ -	\$ 250,000
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
Milton Road Drain	\$ -	\$ 250,000	\$ -	\$ 250,000
Forest to Stonycrest Road Drain	\$ 35,000	\$ 350,000	\$ -	\$ 385,000
Red Maple Swamp Study	\$ 25,000	\$ -	\$ -	\$ 25,000
Colby Avenue Drainage	\$ 120,000	\$ -	\$ -	\$ 120,000
Ellsworth Street Drainage	\$ 90,000	\$ -	\$ -	\$ 90,000
Martin Road Drainage	\$ 50,000	\$ -	\$ -	\$ 50,000
Nature Center Stream Bank Restoration	\$ -	\$ 150,000	\$ -	\$ 150,000
<b>Sub-Total Drainage Projects:</b>	<b>\$ 570,000</b>	<b>\$ 10,500,000</b>	<b>\$ -</b>	<b>\$ 11,070,000</b>

Capital Project Name	Funding Sources			Total Sources
	General Revenues	Grants & Aid	Debt	
<b>SEWER PROJECTS</b>				
Annual Sewer Improvement Program	\$ 250,000	\$ -	\$ -	\$ 250,000
Stuyvesant Ave. Pump Station Pump Replacement	\$ 120,000	\$ -	\$ 150,000	\$ 270,000
Locust Avenue Sewer Siphon Replacement	\$ -	\$ -	\$ 400,000	\$ 400,000
Pump Station Automation (SCADA System)	\$ 210,000	\$ -	\$ -	\$ 210,000
Sanitary Sewer Evaluation Survey Implementation	\$ -	\$ 1,250,000	\$ 1,250,000	\$ 2,500,000
<b>Sub-Total Sewer Projects:</b>	<b>\$ 580,000</b>	<b>\$ 1,250,000</b>	<b>\$ 1,800,000</b>	<b>\$ 3,630,000</b>
<b>TRANSPORTATION PROJECTS</b>				
Annual Pedestrian Improvement Program	\$ 450,000	\$ -	\$ -	\$ 450,000
Annual Street Improvement Program	\$ 5,000,000	\$ 1,720,000	\$ -	\$ 6,720,000
Annual Traffic Signal and Safety Program	\$ 500,000	\$ -	\$ -	\$ 500,000
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
Purchase/Fremd & Purdy Intersection Improvement	\$ -	\$ -	\$ 600,000	\$ 600,000
Locust Avenue Bridge	\$ 10,000	\$ 1,700,000	\$ -	\$ 1,710,000
Orchard Avenue Bridge Rehabilitation	\$ -	\$ 200,000	\$ -	\$ 200,000
MTA Parking Lot Improvements	\$ 3,350,000	\$ -	\$ -	\$ 3,350,000
School/Purdy Parking Lot (Car Park 5)	\$ -	\$ -	\$ 650,000	\$ 650,000
Police Department Parking Lot	\$ 75,000	\$ -	\$ -	\$ 75,000
Forest Avenue Pedestrian and Road Improvements	\$ -	\$ 150,000	\$ 2,450,000	\$ 2,600,000
5 Points Intersection Improvements	\$ -	\$ 250,000	\$ -	\$ 250,000
Osborn Road Area Study & Improvements	\$ -	\$ 150,000	\$ -	\$ 150,000
Stuyvesant Avenue Pedestrian Improvements	\$ -	\$ 750,000	\$ -	\$ 750,000
Boston Post Road/Parsons Street/Nature Center Roundabout	\$ 100,000	\$ -	\$ 1,300,000	\$ 1,400,000
Boston Post Road/Old Post Road Traffic Signal Replacement	\$ -	\$ 200,000	\$ -	\$ 200,000
CBD - Car Park Improvement & Deck Feasibility Study	\$ 75,000	\$ -	\$ -	\$ 75,000
<b>Sub-Total Transportation Projects:</b>	<b>\$ 9,710,000</b>	<b>\$ 7,220,000</b>	<b>\$ 5,800,000</b>	<b>\$ 22,730,000</b>

Capital Project Name	Funding Sources			Total Sources
	General Revenues	Grants & Aid	Debt	
<b>RECREATION PROJECTS</b>				
Damiano Center HVAC	\$ 40,000	\$ -	\$ -	\$ 40,000
Gagliardo Park Improvements	\$ 175,000	\$ -	\$ -	\$ 175,000
Tennis Court Lighting Improvement	\$ 440,000	\$ -	\$ -	\$ 440,000
Nursery Field Rehabilitation and Drainage	\$ 450,000	\$ -	\$ -	\$ 450,000
Upper Picnic Shelter Replacement	\$ 90,000	\$ -	\$ -	\$ 90,000
Recreation Park Landscape and Signage Improvements	\$ 19,500	\$ -	\$ -	\$ 19,500
Expand Maintenance Garage	\$ 150,000	\$ -	\$ -	\$ 150,000
Recreation Park Tennis Court Replacement	\$ 180,000	\$ -	\$ -	\$ 180,000
Rec Patio Replacement/Repair	\$ 50,000	\$ -	\$ -	\$ 50,000
Rec Parking Lot and Service Road Resurfacing	\$ 45,000	\$ -	\$ -	\$ 45,000
Handicapped Accessible Playground	\$ 200,000	\$ -	\$ -	\$ 200,000
Damiano Roof Replacement	\$ 20,000	\$ -	\$ -	\$ 20,000
Damiano Floor Replacement	\$ 25,000	\$ -	\$ -	\$ 25,000
Recreation Building Painting	\$ 20,000	\$ -	\$ -	\$ 20,000
Recreation Basketball Repainting	\$ 20,000	\$ -	\$ -	\$ 20,000
Recreation Electrical Improvement	\$ 25,000	\$ -	\$ -	\$ 25,000
Recreation Security System Upgrade	\$ 25,000	\$ -	\$ -	\$ 25,000
Recreation Irrigation Upgrade	\$ 28,000	\$ -	\$ -	\$ 28,000
<b>Sub-Total Recreation Projects:</b>	<b>\$ 2,002,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,002,500</b>
<b>RYE GOLF CLUB (Enterprise Fund)</b>				
RGC Whitby Castle Window Project	\$ 675,000	\$ -	\$ -	\$ 675,000
RGC Whitby Castle Basement Support	\$ 25,000	\$ -	\$ -	\$ 25,000
RGC Course Signage	\$ 15,000	\$ -	\$ -	\$ 15,000
RGC Greens Drainage & Expansion	\$ 650,000	\$ -	\$ -	\$ 650,000
RGC Half Way House Master & 1st Tee Planning	\$ 20,000	\$ -	\$ -	\$ 20,000
RGC/Whitby HVAC Repair/Replacement	\$ 55,000	\$ -	\$ -	\$ 55,000
RGC Parking Lot Treatment	\$ 30,000	\$ -	\$ -	\$ 30,000
RGC Pool Mechanical Repair & Replacement	\$ 50,000	\$ -	\$ -	\$ 50,000
RGC Pool Resurfacing	\$ 700,000	\$ -	\$ -	\$ 700,000
RGC Course Irrigation Improvement Study	\$ 2,615,000	\$ -	\$ -	\$ 2,615,000
RGC Tree Management	\$ 205,000	\$ -	\$ -	\$ 205,000
RGC Whitby Castle Frames & Shutters	\$ 25,000	\$ -	\$ -	\$ 25,000
Golf Course Landscape Improvements	\$ 40,000	\$ -	\$ -	\$ 40,000
<b>Sub-Total Rye Golf Projects:</b>	<b>\$ 5,105,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 5,105,000</b>

Capital Project Name	Funding Sources			Total Sources
	General Revenues	Grants & Aid	Debt	
<b><i>BOAT BASIN (Enterprise Fund)</i></b>				
Boat Basin - Milton Harbor Dredging	\$ 2,000,000	\$ -	\$ -	\$ 2,000,000
Boat Basin - Generator	\$ 25,000	\$ -	\$ -	\$ 25,000
Boat Basin Work Shed	\$ 30,000	\$ -	\$ -	\$ 30,000
Boat Basin Dam Water Supply	\$ 21,500	\$ -	\$ -	\$ 21,500
Boat Basin Parking Lot	\$ 42,500	\$ -	\$ -	\$ 42,500
Boat Basin Float Replacement	\$ 200,000	\$ -	\$ -	\$ 200,000
Boat Basin Main Gazebo Repair or Replacement	\$ 68,500	\$ -	\$ -	\$ 68,500
Boat Basin Launch Ramp Extension	\$ 20,000	\$ 100,000	\$ -	\$ 120,000
<b><i>Sub-Total Boat Basin Projects:</i></b>	<b>\$ 2,407,500</b>	<b>\$ 100,000</b>	<b>\$ -</b>	<b>\$ 2,507,500</b>
<b><i>Subtotal Enterprise Funds:</i></b>	<b>\$ 7,512,500</b>	<b>\$ 100,000</b>	<b>\$ -</b>	<b>\$ 7,612,500</b>
<b><i>Subtotal Non-Enterprise Funds:</i></b>	<b>\$ 13,982,500</b>	<b>\$ 19,820,000</b>	<b>\$ 15,300,000</b>	<b>\$ 49,102,500</b>
<b>Total:</b>	<b>\$ 21,495,000</b>	<b>\$ 19,920,000</b>	<b>\$ 15,300,000</b>	<b>\$ 56,715,000</b>

**Capital Improvement Plan (CIP): 2018-2022 - BUILDING PROJECTS**  
Project Funding Requirements

Capital Project Name	Priority	Funding Requirements						Total Required
		2018	2019	2020	2021	2022+		
<b>Building Projects</b>								
Annual Building Improvement Program	Moderate	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000	\$ 250,000
	General Revenues	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000	\$ 250,000
	Grants & Aid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Police/Court Building Improvements (in design)	Urgent	\$ 2,400,000	\$ -	\$ -	\$ -	\$ -	\$ 2,400,000	\$ 2,400,000
	General Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grants & Aid	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000
	Debt	\$ 2,200,000	\$ -	\$ -	\$ -	\$ -	\$ 2,200,000	\$ 2,200,000
Police Department Building Upgrades	Moderate	\$ -	\$ 125,000	\$ -	\$ -	\$ -	\$ 125,000	\$ 125,000
	General Revenues	\$ -	\$ 125,000	\$ -	\$ -	\$ -	\$ 125,000	\$ 125,000
	Grants & Aid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Police Department Evidence Room	High	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000
	General Revenues	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000
	Grants & Aid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Police Storage Building At Disbrow Park - Roof Replacement	High	\$ -	\$ -	\$ -	\$ 120,000	\$ -	\$ 120,000	\$ 120,000
	General Revenues	\$ -	\$ -	\$ -	\$ 120,000	\$ -	\$ 120,000	\$ 120,000
	Grants & Aid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
City Hall Improvements	High	\$ 700,000	\$ 300,000	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000
	General Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grants & Aid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Debt	\$ 700,000	\$ 300,000	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000
City Hall TV Studio	Low	\$ -	\$ -	\$ -	\$ -	\$ 850,000	\$ 850,000	\$ 850,000
	General Revenues	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000	\$ 200,000
	Grants & Aid	\$ -	\$ -	\$ -	\$ -	\$ 650,000	\$ 650,000	\$ 650,000
	Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
DPW Salt Shed Replacement	High	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ 500,000	\$ 500,000
	General Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grants & Aid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Debt	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ 500,000	\$ 500,000
DPW Fuel Tank Replacement	High	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000
	General Revenues	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000
	Grants & Aid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Capital Improvement Plan (CIP): 2018-2022 - BUILDING PROJECTS**  
Project Funding Requirements

Capital Project Name	Priority	Funding Requirements					Total Required
		2018	2019	2020	2021	2022+	
DPW Garage Replacement	High	\$ -	\$ -	\$ 2,000,000	\$ -	\$ -	\$ 2,000,000
	<i>General Revenues</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ 2,000,000	\$ -	\$ -	\$ 2,000,000
DPW New Garage Building	High	\$ -	\$ -	\$ 2,000,000	\$ -	\$ -	\$ 2,000,000
	<i>General Revenues</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ 2,000,000	\$ -	\$ -	\$ 2,000,000
Firehouse Improvements	Low	\$ -	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ 100,000
	<i>General Revenues</i>	\$ -	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ 100,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Subtotal Building</b>	<b>\$ 3,400,000</b>	<b>\$ 600,000</b>	<b>\$ 4,600,000</b>	<b>\$ 170,000</b>	<b>\$ 900,000</b>	<b>\$ 9,670,000</b>
	<i>General Revenues</i>	\$ 300,000	\$ 300,000	\$ 100,000	\$ 170,000	\$ 250,000	\$ 1,120,000
	<i>Grants &amp; Aid</i>	\$ 200,000	\$ -	\$ -	\$ -	\$ 650,000	\$ 850,000
	<i>Debt</i>	\$ 2,900,000	\$ 300,000	\$ 4,500,000	\$ -	\$ -	\$ 7,700,000

**Capital Improvement Plan (CIP): 2018-2022 - DRAINAGE/FLOODING PROJECTS**  
Project Funding Requirements

Capital Project Name	Priority	Funding Requirements					Total Required
		2018	2019	2020	2021	2022+	
<b>DRAINAGE/FLOODING PROJECTS</b>							
Annual Drainage Improvement Program	High	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000
	<i>General Revenues</i>	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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 Study	Moderate	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000
	<i>General Revenues</i>	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<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 Street 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): 2018-2022 - DRAINAGE/FLOODING PROJECTS**  
Project Funding Requirements

Capital Project Name	Priority	Funding Requirements					Total Required
		2018	2019	2020	2021	2022+	
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>\$ 250,000</b>	<b>\$ 475,000</b>	<b>\$ 1,000,000</b>	<b>\$ 235,000</b>	<b>\$ 9,110,000</b>	<b>\$ 11,070,000</b>
	<i>General Revenues</i>	\$ 50,000	\$ 75,000	\$ 50,000	\$ 135,000	\$ 260,000	\$ 570,000
	<i>Grants &amp; Aid</i>	\$ 200,000	\$ 400,000	\$ 950,000	\$ 100,000	\$ 8,850,000	\$ 10,500,000
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Capital Improvement Plan (CIP): 2018-2022 - SEWER PROJECTS**  
Project Funding Requirements

Capital Project Name	Priority	Funding Requirements					Total Required
		2018	2019	2020	2021	2022+	
<b>SEWER PROJECTS</b>							
Annual Sewer Improvement Program	High	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000
	<i>General Revenues</i>	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Stuyvesant Ave. Pump Station Pump Replacement	Moderate	\$ -	\$ 150,000	\$ -	\$ -	\$ 120,000	\$ 270,000
	<i>General Revenues</i>	\$ -	\$ -	\$ -	\$ -	\$ 120,000	\$ 120,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000
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
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>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitary Sewer Evaluation Survey Implementation	Urgent	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,500,000
	<i>General Revenues</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Grants &amp; Aid</i>	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,250,000
	<i>Debt</i>	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,250,000
	<b>Subtotal Sewer</b>	<b>\$ 980,000</b>	<b>\$ 760,000</b>	<b>\$ 610,000</b>	<b>\$ 610,000</b>	<b>\$ 670,000</b>	<b>\$ 3,630,000</b>
	<i>General Revenues</i>	<b>\$ 80,000</b>	<b>\$ 110,000</b>	<b>\$ 110,000</b>	<b>\$ 110,000</b>	<b>\$ 170,000</b>	<b>\$ 580,000</b>
	<i>Grants &amp; Aid</i>	<b>\$ 250,000</b>	<b>\$ 250,000</b>	<b>\$ 250,000</b>	<b>\$ 250,000</b>	<b>\$ 250,000</b>	<b>\$ 1,250,000</b>
	<i>Debt</i>	<b>\$ 650,000</b>	<b>\$ 400,000</b>	<b>\$ 250,000</b>	<b>\$ 250,000</b>	<b>\$ 250,000</b>	<b>\$ 1,800,000</b>

**Capital Improvement Plan (CIP): 2018-2022 - TRANSPORTATION PROJECTS**  
Project Funding Requirements

Capital Project Name	Priority	Funding Requirements					Total Required
		2018	2019	2020	2021	2022+	
<b>TRANSPORTATION PROJECTS</b>							
Annual Pedestrian Improvement Program	High	\$ 80,000	\$ 85,000	\$ 90,000	\$ 95,000	\$ 100,000	\$ 450,000
<i>General Revenues</i>		\$ 80,000	\$ 85,000	\$ 90,000	\$ 95,000	\$ 100,000	\$ 450,000
<i>Grants &amp; Aid</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Annual Street Improvement Program	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>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Annual Traffic Signal and Safety Program	High	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000
<i>General Revenues</i>		\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000
<i>Grants &amp; Aid</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Boston Post Road Retaining Wall	Urgent	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000
<i>General Revenues</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Grants &amp; Aid</i>		\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Theodore Fremd/Blind Brook Retaining Wall	Urgent	\$ -	\$ 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	Low	\$ -	\$ -	\$ -	\$ -	\$ 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
Purchase/Fremd & Purdy Intersection Improvement	High	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ 600,000
<i>General Revenues</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Grants &amp; Aid</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Debt</i>		\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ 600,000
Locust Avenue Bridge	Moderate	\$ -	\$ 1,710,000	\$ -	\$ -	\$ -	\$ 1,710,000
<i>General Revenues</i>		\$ -	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000
<i>Grants &amp; Aid</i>		\$ -	\$ 1,700,000	\$ -	\$ -	\$ -	\$ 1,700,000
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Capital Improvement Plan (CIP): 2018-2022 - TRANSPORTATION PROJECTS**  
Project Funding Requirements

Capital Project Name	Priority	Funding Requirements					Total Required
		2018	2019	2020	2021	2022+	
Orchard Avenue Bridge Rehabilitation	Moderate	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000
	<i>General Revenues</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Grants &amp; Aid</i>	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MTA Parking Lot Improvements	Moderate	\$ -	\$ 350,000	\$ 3,000,000	\$ -	\$ -	\$ 3,350,000
	<i>General Revenues</i>	\$ -	\$ 350,000	\$ 3,000,000	\$ -	\$ -	\$ 3,350,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
School/Purdy Parking Lot (Car Park 5)	High	\$ -	\$ -	\$ -	\$ 650,000	\$ -	\$ 650,000
	<i>General Revenues</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ 650,000	\$ -	\$ 650,000
Police Department Parking Lot	Moderate	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000
	<i>General Revenues</i>	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Forest Avenue Pedestrian and Road Improvements	High	\$ 150,000	\$ 2,450,000	\$ -	\$ -	\$ -	\$ 2,600,000
	<i>General Revenues</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Grants &amp; Aid</i>	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000
	<i>Debt</i>	\$ -	\$ 2,450,000	\$ -	\$ -	\$ -	\$ 2,450,000
5 Points Intersection Improvements	Moderate	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000
	<i>General Revenues</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Grants &amp; Aid</i>	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Osborn Road Area Study & Improvements	Moderate	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000
	<i>General Revenues</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Grants &amp; Aid</i>	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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	\$ -	\$ 100,000	\$ 1,300,000	\$ -	\$ -	\$ 1,400,000
	<i>General Revenues</i>	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ 1,300,000	\$ -	\$ -	\$ 1,300,000

**Capital Improvement Plan (CIP): 2018-2022 - TRANSPORTATION PROJECTS**  
Project Funding Requirements

Capital Project Name	Priority	Funding Requirements					Total Required
		2018	2019	2020	2021	2022+	
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>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CBD - Car Park Improvement & Deck Feasibility Study	High	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ 75,000
<i>General Revenues</i>		\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ 75,000
<i>Grants &amp; Aid</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Subtotal Transportation</b>		<b>\$ 3,049,000</b>	<b>\$ 7,864,000</b>	<b>\$ 6,704,000</b>	<b>\$ 3,069,000</b>	<b>\$ 2,044,000</b>	<b>\$ 22,730,000</b>
<i>General Revenues</i>		<b>\$ 1,255,000</b>	<b>\$ 1,870,000</b>	<b>\$ 4,190,000</b>	<b>\$ 1,195,000</b>	<b>\$ 1,200,000</b>	<b>\$ 9,710,000</b>
<i>Grants &amp; Aid</i>		<b>\$ 1,194,000</b>	<b>\$ 3,544,000</b>	<b>\$ 414,000</b>	<b>\$ 1,224,000</b>	<b>\$ 844,000</b>	<b>\$ 7,220,000</b>
<i>Debt</i>		<b>\$ 600,000</b>	<b>\$ 2,450,000</b>	<b>\$ 2,100,000</b>	<b>\$ 650,000</b>	<b>\$ -</b>	<b>\$ 5,800,000</b>

**Capital Improvement Plan (CIP): 2018-2022 - RECREATION PROJECTS**  
Project Funding Requirements

Capital Project Name	Priority	Funding Requirements					Total Required
		2018	2019	2020	2021	2022+	
<b>RECREATION/ENTERPRISE FUND PROJECTS</b>							
Damiano Center HVAC	Urgent	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000
	<i>General Revenues</i>	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Gagliardo Park Improvements	Moderate	\$ 175,000	\$ -	\$ -	\$ -	\$ -	\$ 175,000
	<i>General Revenues</i>	\$ 175,000	\$ -	\$ -	\$ -	\$ -	\$ 175,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Tennis Court Lighting Improvement	Moderate	\$ -	\$ 160,000	\$ 160,000	\$ 120,000	\$ -	\$ 440,000
	<i>General Revenues</i>	\$ -	\$ 160,000	\$ 160,000	\$ 120,000	\$ -	\$ 440,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Nursery Field Rehabilitation and Drainage	High	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ 450,000
	<i>General Revenues</i>	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ 450,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Upper Picnic Shelter Replacement	High	\$ -	\$ -	\$ 90,000	\$ -	\$ -	\$ 90,000
	<i>General Revenues</i>	\$ -	\$ -	\$ 90,000	\$ -	\$ -	\$ 90,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<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	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ 150,000
	<i>General Revenues</i>	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ 150,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Recreation Park Tennis Court Replacement	High	\$ 180,000	\$ -	\$ -	\$ -	\$ -	\$ 180,000
	<i>General Revenues</i>	\$ 180,000	\$ -	\$ -	\$ -	\$ -	\$ 180,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Capital Improvement Plan (CIP): 2018-2022 - RECREATION PROJECTS**  
Project Funding Requirements

Capital Project Name	Priority	Funding Requirements					Total Required
		2018	2019	2020	2021	2022+	
Rec Patio Replacement/Repair	Moderate	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
	<i>General Revenues</i>	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Rec Parking Lot and Service Road Resurfacing	High	\$ 45,000	\$ -	\$ -	\$ -	\$ -	\$ 45,000
	<i>General Revenues</i>	\$ 45,000	\$ -	\$ -	\$ -	\$ -	\$ 45,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Handicapped Accessible Playground	High	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000
	<i>General Revenues</i>	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Damiano Roof Replacement	Moderate	\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000
	<i>General Revenues</i>	\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Damiano Floor Replacement	Moderate	\$ -	\$ -	\$ -	\$ 25,000	\$ -	\$ 25,000
	<i>General Revenues</i>	\$ -	\$ -	\$ -	\$ 25,000	\$ -	\$ 25,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Recreation Building Painting	Low	\$ -	\$ -	\$ -	\$ 20,000	\$ -	\$ 20,000
	<i>General Revenues</i>	\$ -	\$ -	\$ -	\$ 20,000	\$ -	\$ 20,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Recreation Basketball Repainting	Moderate	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000
	<i>General Revenues</i>	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Recreation Electrical Improvement	Moderate	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000
	<i>General Revenues</i>	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Capital Improvement Plan (CIP): 2018-2022 - RECREATION PROJECTS**  
Project Funding Requirements

Capital Project Name	Priority	Funding Requirements					Total Required
		2018	2019	2020	2021	2022+	
Recreation Security System Upgrade	Moderate	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000
	<i>General Revenues</i>	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Recreation Irrigation Upgrade	Moderate	\$ -	\$ 28,000	\$ -	\$ -	\$ -	\$ 28,000
	<i>General Revenues</i>	\$ -	\$ 28,000	\$ -	\$ -	\$ -	\$ 28,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Subtotal Recreation</b>	<b>\$ 1,110,000</b>	<b>\$ 308,000</b>	<b>\$ 250,000</b>	<b>\$ 315,000</b>	<b>\$ 19,500</b>	<b>\$ 2,002,500</b>
	<i>General Revenues</i>	<b>\$ 1,110,000</b>	<b>\$ 308,000</b>	<b>\$ 250,000</b>	<b>\$ 315,000</b>	<b>\$ 19,500</b>	<b>\$ 2,002,500</b>
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Capital Improvement Plan (CIP): 2018-2022 - RYE GOLF ENTERPRISE FUND PROJECTS**  
 Project Funding Requirements

Capital Project Name	Priority	Funding Requirements					Total Required
		2018	2019	2020	2021	2022+	
<b>RYE GOLF ENTERPRISE FUND PROJECTS</b>							
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	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ 15,000
<i>Enterprise Reserve Fund</i>		\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ 15,000
<i>Grants &amp; Aid</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RGC Greens Drainage & Expansion	Moderate	\$ 150,000	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ 650,000
<i>Enterprise Reserve Fund</i>		\$ 150,000	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ 650,000
<i>Grants &amp; Aid</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RGC Half Way House Master & 1st Tee Planning	Moderate	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000
<i>Enterprise Reserve Fund</i>		\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000
<i>Grants &amp; Aid</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<i>Debt</i>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RGC/Whitby HVAC Repair/Replacement	Moderate	\$ 5,000	\$ 30,000	\$ 10,000	\$ 5,000	\$ 5,000	\$ 55,000
<i>Enterprise Reserve Fund</i>		\$ 5,000	\$ 30,000	\$ 10,000	\$ 5,000	\$ 5,000	\$ 55,000
<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 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>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Capital Improvement Plan (CIP): 2018-2022 - RYE GOLF ENTERPRISE FUND PROJECTS**  
 Project Funding Requirements

Capital Project Name	Priority	Funding Requirements					Total Required
		2018	2019	2020	2021	2022+	
RGC Pool Resurfacing	Moderate	\$ 700,000	\$ -	\$ -	\$ -	\$ -	\$ 700,000
	<i>Enterprise Reserve Fund</i>	\$ 700,000	\$ -	\$ -	\$ -	\$ -	\$ 700,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RGC Course Irrigation Improvement Study	High	\$ 40,000	\$ 375,000	\$ 2,200,000	\$ -	\$ -	\$ 2,615,000
	<i>Enterprise Reserve Fund</i>	\$ 40,000	\$ 375,000	\$ 2,200,000	\$ -	\$ -	\$ 2,615,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RGC Tree Management	Moderate	\$ 105,000	\$ 100,000	\$ -	\$ -	\$ -	\$ 205,000
	<i>Enterprise Reserve Fund</i>	\$ 105,000	\$ 100,000	\$ -	\$ -	\$ -	\$ 205,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RGC Whitby Castle Frames & Shutters	Moderate	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000
	<i>Enterprise Reserve Fund</i>	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Golf Course Landscape Improvements	Moderate	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000
	<i>Enterprise Reserve Fund</i>	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Subtotal Rye Golf</b>	<b>\$ 1,165,000</b>	<b>\$ 1,440,000</b>	<b>\$ 2,470,000</b>	<b>\$ 15,000</b>	<b>\$ 15,000</b>	<b>\$ 5,105,000</b>
	<i>Enterprise Reserve Fund</i>	\$ 1,165,000	\$ 1,440,000	\$ 2,470,000	\$ 15,000	\$ 15,000	\$ 5,105,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Capital Improvement Plan (CIP): 2018-2022 - BOAT BASIN ENTERPRISE FUND PROJECTS**  
Project Funding Requirements

Capital Project Name	Priority	Funding Requirements					Total Required
		2018	2019	2020	2021	2022+	
<b>BOAT BASIN ENTERPRISE FUND PROJECTS</b>							
Boat Basin - Milton Harbor Dredging	High	\$ 1,000,000	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 2,000,000
	<i>Boat Basin Revenues</i>	\$ 1,000,000	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 2,000,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Boat Basin - Generator	High	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000
	<i>Boat Basin Revenues</i>	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Boat Basin Work Shed	Moderate	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000
	<i>Boat Basin Revenues</i>	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Boat Basin Dam Water Supply	Low	\$ -	\$ -	\$ -	\$ -	\$ 21,500	\$ 21,500
	<i>Boat Basin Revenues</i>	\$ -	\$ -	\$ -	\$ -	\$ 21,500	\$ 21,500
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Capital Improvement Plan (CIP): 2018-2022 - BOAT BASIN ENTERPRISE FUND PROJECTS**  
Project Funding Requirements

Capital Project Name	Priority	Funding Requirements					Total Required
		2018	2019	2020	2021	2022+	
Boat Basin Parking Lot	Low	\$ -	\$ 42,500	\$ -	\$ -	\$ -	\$ 42,500
	<i>Boat Basin Revenues</i>	\$ -	\$ 42,500	\$ -	\$ -	\$ -	\$ 42,500
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Boat Basin Float Replacement	Moderate	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ 200,000
	<i>Boat Basin Revenues</i>	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ 200,000
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Boat Basin Main Gazebo Repair or Replacement	Moderate	\$ -	\$ 68,500	\$ -	\$ -	\$ -	\$ 68,500
	<i>Boat Basin Revenues</i>	\$ -	\$ 68,500	\$ -	\$ -	\$ -	\$ 68,500
	<i>Grants &amp; Aid</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Boat Basin Launch Ramp Extension	High	\$ -	\$ 120,000	\$ -	\$ -	\$ -	\$ 120,000
	<i>Boat Basin Revenues</i>	\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000
	<i>Grants &amp; Aid</i>	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Subtotal Boat Basin</b>	<b>\$ 1,050,000</b>	<b>\$ 306,000</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ 1,051,500</b>	<b>\$ 2,507,500</b>
	<i>Enterprise Reserve Fund</i>	<b>\$ 1,050,000</b>	<b>\$ 206,000</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ 1,051,500</b>	<b>\$ 2,407,500</b>
	<i>Grants &amp; Aid</i>	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000
	<i>Debt</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Capital Improvement Plan (CIP): 2018-2022**  
Vehicles and Equipment Funding Requirments and Sources

Requirements	2018	2019	2020	2021	2022+	Total Required	Revenues Fund Balance	Funding Sources		Total Sources	
								Debt	Grants & Aid		
Police Vehicles Mobile Video Recorders & Body Cameras	\$ -	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ 125,000	\$ 125,000	-	-	\$ 125,000
Police Vehicles	\$ 180,000	\$ 135,000	\$ 135,000	\$ 135,000	\$ -	\$ 585,000	\$ 585,000	-	-	\$ 585,000	
Police Portable Radio Upgrades	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000	-	-	\$ 100,000	
DPW Truck 5	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000	\$ 250,000	-	-	\$ 250,000	
DPW Truck 2	\$ -	\$ 65,000	\$ -	\$ -	\$ -	\$ 65,000	\$ 65,000	-	-	\$ 65,000	
DPW Truck 11	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-	\$ -	
DPW Truck 13	\$ -	\$ -	\$ -	\$ 65,000	\$ -	\$ 65,000	\$ 65,000	-	-	\$ 65,000	
DPW Chipper	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	-	\$ -	
DPW Truck 26	\$ -	\$ -	\$ -	\$ 250,000	\$ -	\$ 250,000	\$ 250,000	-	-	\$ 250,000	
DPW Truck 24	\$ -	\$ -	\$ -	\$ 40,000	\$ -	\$ 40,000	\$ 40,000	-	-	\$ 40,000	
DPW Truck 18 Salter	\$ 20,000	\$ -	\$ -	\$ -	\$ 250,000	\$ 270,000	\$ 270,000	-	-	\$ 270,000	
DPW Truck 1	\$ -	\$ -	\$ 65,000	\$ -	\$ -	\$ 65,000	\$ 65,000	-	-	\$ 65,000	
DPW Truck 21	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000	-	-	\$ 250,000	
DPW Sweeper 1	\$ -	\$ 225,000	\$ -	\$ -	\$ -	\$ 225,000	\$ 225,000	-	-	\$ 225,000	
DPW R3 Salter Conversion	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000	-	-	\$ 25,000	
DPW Truck 15	\$ -	\$ -	\$ 65,000	\$ -	\$ -	\$ 65,000	\$ 65,000	-	-	\$ 65,000	
DPW Garbage Trucks	\$ 1,600,000	\$ -	\$ -	\$ -	\$ -	\$ 1,600,000	\$ -	1,600,000	-	\$ 1,600,000	
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 Backhoe	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ 100,000	\$ 100,000	-	-	\$ 100,000	
FIRE Boat	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000	-	-	\$ 250,000	
FIRE Command Vehicles	\$ 60,000	\$ -	\$ -	\$ 75,000	\$ -	\$ 135,000	\$ 135,000	-	-	\$ 135,000	
FIRE Engine No. 191	\$ -	\$ 645,000	\$ -	\$ -	\$ -	\$ 645,000	\$ -	645,000	-	\$ 645,000	
REC Aeravator with Speeder	\$ 18,000	\$ -	\$ -	\$ -	\$ -	\$ 18,000	\$ 18,000	-	-	\$ 18,000	
REC Turf Sweeper	\$ -	\$ 16,000	\$ -	\$ -	\$ -	\$ 16,000	\$ 16,000	-	-	\$ 16,000	
REC 20' Trailer	\$ -	\$ -	\$ 6,000	\$ -	\$ -	\$ 6,000	\$ 6,000	-	-	\$ 6,000	
REC Leaf Vac	\$ -	\$ -	\$ 12,500	\$ -	\$ -	\$ 12,500	\$ 12,500	-	-	\$ 12,500	
REC Chevy Tahoe	\$ -	\$ -	\$ -	\$ 42,500	\$ -	\$ 42,500	\$ 42,500	-	-	\$ 42,500	
REC Field Van	\$ -	\$ -	\$ 35,000	\$ -	\$ -	\$ 35,000	\$ 35,000	-	-	\$ 35,000	
REC 10' Riding Mower	\$ 55,000	\$ -	\$ -	\$ -	\$ -	\$ 55,000	\$ 55,000	-	-	\$ 55,000	
REC Chevy 12-Passenger Van	\$ -	\$ -	\$ -	\$ -	\$ 39,000	\$ 39,000	\$ 39,000	-	-	\$ 39,000	
REC Tennis Roller	\$ -	\$ -	\$ 12,000	\$ -	\$ -	\$ 12,000	\$ 12,000	-	-	\$ 12,000	
REC Ford Pickup Truck	\$ -	\$ -	\$ -	\$ 37,500	\$ -	\$ 37,500	\$ 37,500	-	-	\$ 37,500	
REC John Deere 1445 w/ Attach.	\$ -	\$ 49,000	\$ -	\$ -	\$ -	\$ 49,000	\$ 49,000	-	-	\$ 49,000	
REC Toro 328D Riding Mower	\$ -	\$ -	\$ -	\$ 28,000	\$ -	\$ 28,000	\$ 28,000	-	-	\$ 28,000	
REC John Deere Bunker Rake	\$ -	\$ -	\$ 25,000	\$ -	\$ -	\$ 25,000	\$ 25,000	-	-	\$ 25,000	
REC Case Front End Loader	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	-	-	\$ 50,000	
Digital Document Management	\$ 50,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 450,000	\$ 450,000	-	-	\$ 450,000	
<b>Total Requirements</b>	<b>\$ 2,358,000</b>	<b>\$ 1,675,000</b>	<b>\$ 805,500</b>	<b>\$ 1,088,000</b>	<b>\$ 689,000</b>	<b>\$ 6,615,500</b>	<b>\$ 4,370,500</b>	<b>\$ 2,245,000</b>	<b>\$ -</b>	<b>\$ 6,615,500</b>	

# **Section III:**

## **Project Worksheets**

# **Building Projects:**

Project Name:	<b>Annual Building Improvement Program</b>
Project Type:	Building
Department:	Multi
Project Priority:	Moderate
Project Start Date:	2018
Project End Date:	2022+

**Project Description:**

This annual program supports the on-going repair and maintenance needs required for City buildings.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$250,000
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:**

	2018	2019	2020	2021	2022+	Total
General Revenue:	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	<b>\$250,000</b>
Grants& Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

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

**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	\$0
Construction	\$2.2 M
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$2.2 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:**

	2018	2019	2020	2021	2022+	Total
General Revenue:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Grants & Aid:	\$200,000	\$0	\$0	\$0	\$0	<b>\$200,000</b>
Debt:	\$2.2 M	\$0	\$0	\$0	\$0	<b>\$2.2 M</b>

**Project Need/Issues:**

Upon finding that there are no suitable sites to accommodate a 25,000 to 30,000 square foot police/court facility that is viable to fund at estimated \$25M (*excluding* property acquisition), the City Council has authorized staff to initiate final design to renovate the existing Police/Court Building. Those renovations and improvements will address deficiencies identified by the Office of Court Administration (OCA) and Police Department. The project architect continues to work with OCA to fulfill their requirements and has developed updated preliminary construction costs. Those cost estimates have increased from previous estimates to approximately \$2.4 M. Staff is seeking to potentially secure grant funding or aid from OCA to help subsidize costs.



Project Name:	<b>Police Department Building Upgrades</b>
Project Type:	Building and Grounds
Department:	Police
Project Priority:	Moderate
Project Start Date:	2019
Project End Date:	2019

**Project Description:**

Cosmetic improvements to the City of Rye Police Department Building.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$125,000
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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$125,000	\$0	\$0	\$0	<b>\$50,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

The police building is a dated and deteriorating facility that is used 24 hours a day, seven days a week. The building's interior needs to be painted, secure access doors installed and carpeting needs to be replaced. Cabinets need to be replaced in the Communications and Report Room areas.

**Operating Cost Considerations:**

Minimal operating and maintenance costs will be incurred once the project is completed.

Project Name:	<b>Police Department Evidence Room</b>
Project Type:	Building
Department:	Police
Project Priority:	High
Project Start Date:	2019
Project End Date:	2019

**Project Description:**

Overhaul evidence rooms and upgrade systems.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$10,000
Construction	\$65,00
Construction Inspection	\$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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$75,000	\$0	\$0	\$0	<b>\$75,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

The current evidence holding system is overwhelmed by the extreme number of evidence files and physical evidence. Chain of evidence and organization is getting more difficult to maintain each year. The storage (including refrigeration) and tracking of evidence is a vital part to the successful prosecution of criminal cases. This much needed overhaul will reduce the possibility of losing criminal cases due to 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. 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. It is vital that we store evidence in a safe environment while maintaining chain of evidence. The ventilation system needs to be upgraded and storage and shelving systems need to be added that meet or exceed DCJS standards.

**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>Police Storage Building At Disbrow Park - Roof Replacement</b>
Project Type:	Building
Department:	Police
Project Priority:	High
Project Start Date:	2021
Project End Date:	2021

**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	\$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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$0	\$0	\$120,000	\$0	\$120,000
Grants & Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

This project will be deferred until the completion of the Disbrow Park Master Plan. 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>City Hall Improvements</b>
Project Type:	Building
Department:	Public Works
Project Priority:	High
Project Start Date:	2018
Project End Date:	2019

**Project Description:**

Approximately \$700,000 of this project includes the replacement of the City’s HVAC system, which is many years past its useful life. The HVAC system is increasingly unreliable, energy inefficient and requires considerable maintenance and expense to maintain its operation. This project was formerly intended to be funded with a NYPA grant, however the project was deemed cost ineffective since the increased savings from energy efficiency would not cover the cost of implementation over the project life. This project also includes a second phase that consolidates former CIP projects to implement other miscellaneous improvements to the 50 year-old City Hall including ceiling, floor and other improvements.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$0
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

<b>Sources of Funding:</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
General Revenues:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Grants & Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt	\$700,000	\$300,000	\$0	\$0	\$0	<b>\$1,000,000</b>

**Project Need/Issues:**

The HVAC system is increasingly unreliable, energy inefficient and requires considerable maintenance and expense to maintain its operation.

**Operating Cost Considerations:**

Anticipate reduced maintenance and energy costs.

Project Name:	<b>City Hall TV Studio</b>
Project Type:	Building
Department:	Rye TV
Project Priority:	Low
Project Start Date:	2022
Project End Date:	2022

**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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$200,000	<b>\$200,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$650,000	<b>\$650,000</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</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.

Project Name:	<b>DPW Salt Shed Replacement</b>
Project Type:	Building
Department:	Public Works
Project Priority:	High
Project Start Date:	2020
Project End Date:	2020

**Project Description:**

The project involves the replacement of the existing salt shed, which is nearing the end of its useful life.

**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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$500,000	\$0	\$0	<b>\$500,000</b>

**Project Need/Issues:**

The salt shed size is inefficient for the storage of salt to last a complete snow season, which can be problematic in the event of salt shortages in high demand periods. The project needs to coordinate with potential recreation improvements considered as part of the Disbrow Park Master Plan. There is potential to relocate this facility to accommodate recreation demands and the needs of DPW.

**Operating Cost Considerations:**

Reduced costs to maintain building.

Project Name:	<b>DPW Fuel Tank Replacement</b>
Project Type:	Building
Department:	Public Works
Project Priority:	High
Project Start Date:	2018
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	\$225,000
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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$250,000	\$0	\$0	\$0	\$0	<b>\$250,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**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.

**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>DPW Garage Replacement</b>
Project Type:	Building
Department:	Public Works
Project Priority:	High
Project Start Date:	2020
Project End Date:	2020

**Project Description:**

Replacement of DPW Garage Building 2 in Disbrow Park.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$2.0 M
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$2.0 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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$2 M	\$0	\$0	<b>\$2 M</b>

**Project Need/Issues:**

This project previously involved only the replacement of the DPW Garage roof which has several leaks. The roof leaks have deteriorated the exterior brickwork and interior wiring and provide inadequate protection of vehicles from the elements. Based on preliminary analysis from the on-going Disbrow Park Master Plan it appears that the condition of the building is worse than previous assessments and needs to be replaced.

**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>DPW New Garage</b>
Project Type:	Building
Department:	Public Works
Project Priority:	High
Project Start Date:	2020
Project End Date:	2020

**Project Description:**

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$2 M
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$2 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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$2 M	\$0	\$0	<b>\$2 M</b>

**Project Need/Issues:**

**Operating Cost Considerations:**

Project Name:	<b>Firehouse Improvements</b>
Project Type:	Building
Department:	Public Works
Project Priority:	Low
Project Start Date:	2019
Project End Date:	2020

**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	\$100,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$100,000</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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$50,000	\$50,000	\$0	\$0	\$100,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

By the year 2020, 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.



# **Drainage/ Flooding Projects:**

Project Name:	<b>Annual Drainage Improvement Program</b>
Project Type:	Drainage/Flooding
Department:	Engineering
Project Priority:	High
Project Start Date:	2018
Project End Date:	2022+

**Project Description:**

This is an annual program to cover the cost of relatively small or unforeseen miscellaneous drainage improvements that may be required in a year. These funds are used to support the City’s nearly 30 miles of drain lines and 1,400 catch basins.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$250,000
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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

This funding source can be used to address smaller drainage improvements before they become larger and more expensive infrastructure challenges.

**Operating Cost Considerations:**

Reduces long term operating costs with improved maintenance and repair.

Project Name:	<b>Bowman Avenue Dam Sluice Gate Modifications</b>
Project Type:	Drainage/Flooding
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2018
Project End Date:	2019

**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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Grants and Aid:	\$100,000	\$150,000	\$0	\$0	\$0	<b>\$250,00</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**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>Bowman Avenue Dam Upper Pond Resizing</b>
Project Type:	Drainage/Flooding
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2022+
Project End Date:	2022+

**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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$8.5M	<b>\$8.5M</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**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:	2018
Project End Date:	2019

**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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Grants and Aid:	\$100,000	\$150,000	\$0	\$0	\$0	<b>\$250,000</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**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 Avenue to Stonycrest Road Drain</b>
Project Type:	Drainage/Flooding
Department:	Engineering
Project Priority:	Low
Project Start Date:	2020
Project End Date:	2021

**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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$0	\$0	\$35,000	\$0	<b>\$35,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$350,000	<b>\$350,000</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**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 Study</b>
Project Type:	Drainage/Flooding
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2019
Project End Date:	2019

**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. That study will also include an appraisal to value five privately owned and undeveloped properties for possible acquisition by the City.

**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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$25,000	\$0	\$0	\$0	<b>\$25,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**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>Colby Avenue Drainage</b>
Project Type:	Drainage/Flooding
Department:	Engineering
Project Priority:	Low
Project Start Date:	2022
Project End Date:	2022

**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:**

	2018	2019	2020	2021	2022+	Total
General Revenues	\$0	\$0	\$0	\$0	\$120,000	<b>\$120,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**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:	2022
Project End Date:	2022

**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:**

	2018	2019	2020	2021	2022+	Total
General Revenues	\$0	\$0	\$0	\$0	\$90,000	<b>\$90,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**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:	2021
Project End Date:	2021

**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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$0	\$0	\$50,000	\$0	<b>\$50,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**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:	2020
Project End Date:	2021

**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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Grants and Aid:	\$0	\$0	\$50,000	\$100,000	\$0	<b>\$150,000</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**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>Annual Sewer Improvement Program</b>
Project Type:	Sewer
Department:	Engineering
Project Priority:	High
Project Start Date:	2018
Project End Date:	2022

**Project Description:**

This is an annual program to cover the cost of relatively small or unforeseen miscellaneous sewer improvements that may be required in a year. These funds are used to support the City’s 53 miles of sewer lines, pump stations and other sewer infrastructure.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$250,000
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:**

	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
General Revenues:	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	<b>\$250,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

Increased funding is necessary to the City’s sewer system to maintain acceptable operational levels and compliance with increasingly demanding Federal, State and County environmental regulations and legal enforcement actions.

**Operating Cost Considerations:**

Improves compliance with environmental regulations and legal mandates thereby avoiding potential fines and costs of enforcement actions.

Project Name:	<b>Stuyvesant Avenue Pump Station Pump Replacement</b>
Project Type:	Sewer
Department:	Engineering
Project Priority:	High
Project Start Date:	2019
Project End Date:	2022

**Project Description:**

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

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$270,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$270,000</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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$120,000	<b>\$120,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$150,000	\$0	\$0	\$0	<b>\$150,000</b>

**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:	2018
Project End Date:	2018

**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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt (2012 Bond):	\$400,000	\$0	\$0	\$0	\$0	<b>\$400,000</b>

**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 and land acquisition on private property is required to extend a sewer easement. 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>Pump Station Automation (SCADA System)</b>
Project Type:	Sewer
Department:	Engineering
Project Priority:	High
Project Start Date:	2018 (ongoing)
Project End Date:	2021

**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:**

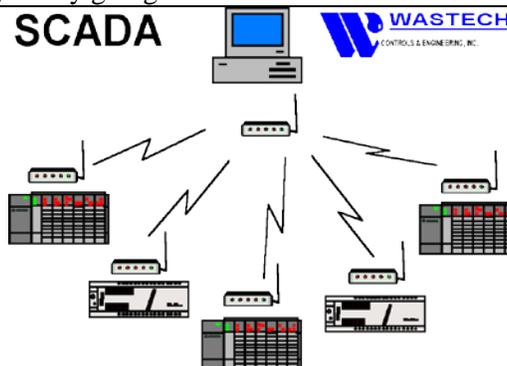
	2018	2019	2020	2021	2022+	Total
General Revenues:	\$30,000	\$60,000	\$60,000	\$60,000	\$0	<b>\$210,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**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.



Project Name:	<b>Sanitary Sewer Evaluation Survey Implementation</b>
Project Type:	Sewer
Department:	Engineering
Project Priority:	Urgent
Project Start Date:	2018
Project End Date:	2022

**Project Description:**

This is to cover the cost of anticipated, but yet undefined sewer improvements identified in the Sanitary Sewer Evaluation Survey (SSES) expected to be completed in 2017/2018.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$2,500,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$2,500,000</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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	\$0
Grants and Aid:	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000
Debt:	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000

**Project Need/Issues:**

In response to legal actions and regulatory mandates from the State and County the City has funded a SSES. Upon completion it is anticipated that the SSES will identify the need for the City to implement substantial sewer improvements. It is anticipated that potential half the cost of such improvements could be funded with grants and aid, but securing such funding is not guaranteed.

**Operating Cost Considerations:**

Reduced operating costs and improved compliance with legal actions and regulator mandates.

# **Transportation Projects:**

Project Name:	<b>Annual Pedestrian Improvement Program</b>
Project Type:	Transportation
Department:	Engineering
Project Priority:	High
Project Start Date:	2018
Project End Date:	2022

**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	\$450,000
Construction Inspect./Other	\$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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$80,000	\$85,000	\$90,000	\$95,000	\$100,000	\$450,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

**Project Need/Issues:**

This 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 Improvement Program</b>
Project Type:	Transportation
Department:	Engineering
Project Priority:	High
Project Start Date:	2018
Project End Date:	2022

**Project Description:**

Resurfacing of City streets, curbs and other street-related infrastructure 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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$1.0 M	<b>\$5.0 M</b>				
Grants & Aid (CHIPS):	\$344,000	\$344,000	\$344,000	\$344,000	\$344,000	<b>\$1.72 M</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</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 2021. 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>Annual Traffic Signal and Safety Program</b>
Project Type:	Transportation
Department:	Engineering
Project Priority:	High
Project Start Date:	2018
Project End Date:	2022

**Project Description:**

This program covers the cost of relatively small and unforeseen projects required to support the City’s traffic signals and traffic safety needs. Funding can also cover pedestrian related needs including crosswalk improvements and signalization.

**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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

The City seeks to take advantage of new technology as it repairs its existing traffic signal network. These improvements reduce vehicle delays and more efficiently manage traffic flow. The funding also covers the cost of other miscellaneous repairs required through the year.

**Operating Cost Considerations:**

None.

Project Name:	<b>Boston Post Road Retaining Wall</b>
Project Type:	Transportation
Department:	Engineering
Project Priority:	Urgent
Project Start Date:	2018
Project End Date:	2018

**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. Traffic and pedestrian safety improvements have been implemented. The City is currently evaluating the ownership and condition of the walls for possible repairs or replacement of the failing wall by the adjacent private property owners.

**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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Private Contribution:	\$300,000	\$0	\$0	\$0	\$0	<b>\$300,000</b>
Debt (2012 Bond):	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**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:	Urgent
Project Start Date:	2010 (Currently in design)
Project End Date:	2019

**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:**

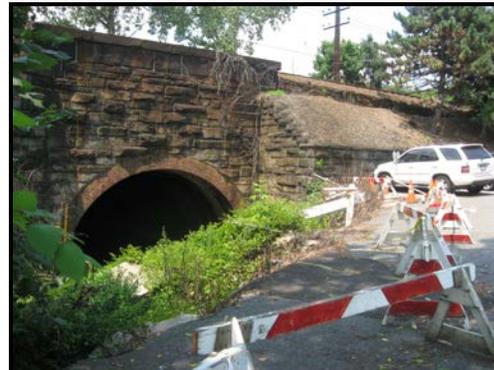
	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$100,000	\$0	\$0	\$0	<b>\$100,000</b>
Grants and Aid:	\$0	\$1,300,000	\$0	\$0	\$0	<b>\$1,300,000</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**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:	Low
Project Start Date:	2022
Project End Date:	2022

**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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	\$0
Grants and Aid:	\$0	\$0	\$0	\$0	\$500,000	\$500,000
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

**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:	2019
Project End Date:	2020

**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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$50,000	\$0	\$0	\$0	\$50,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$800,000
Debt:	\$0	\$0	\$800,000	\$0	\$0	\$0

**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>Purchase/Fremd &amp; Purdy Intersection Improvement</b>
Project Type:	Transportation – Traffic Control
Department:	Engineering
Project Priority:	High
Project Start Date:	2018
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	\$550,000
Construction Inspection	\$0
<b>Total</b>	<b>\$600,000</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:	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$600,000	\$0	\$0	\$0	\$0	<b>\$600,000</b>

**Project Need/Issues:**

Project was originally funded as part of 2007 Budget, but deferred/suspended after April 2007 floods. The existing traffic signals do not meet NYSDOT requirements and increasingly replacement parts are difficult to find. Pedestrian safety would also be improved with pedestrian signalization, which currently does not exist. 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:	2019
Project End Date:	2019

**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	\$75,000
Construction	\$1,635,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$1,710,000</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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$10,000	\$0	\$0	\$0	\$10,000
Grants and Aid:	\$0	\$1.7 M	\$0	\$0	\$0	\$1.7 M
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

**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>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	\$200,000
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:**

	2018	2019	2020	2021	2022+	Total
General Revenue	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Grants and Aid:	\$0	\$200,000	\$0	\$0	\$0	<b>\$200,000</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**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 2020 with construction proposed for 2021.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$75,000
Construction	\$3.275 M
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$3.35 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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$350,000	\$3 M	\$0	\$0	\$3,350,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

**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>CBD – School/Purdy Parking Lot (Car Park 5)</b>
Project Type:	Transportation
Department:	Engineering
Project Priority:	High
Project Start Date:	2021
Project End Date:	2021

**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. This project continues to fail to obtain funding despite need. Feasibility of alternative uses of this parking area should be considered as part of a comprehensive *CBD Car Park Improvement and Deck Feasibility Study*.

**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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$650,000	\$0	<b>\$650,000</b>

**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>Police Department Parking Lot</b>
Project Type:	Police Building and Grounds
Department:	Police
Project Priority:	Moderate
Project Start Date:	2019
Project End Date:	2019

**Project Description:**

The police parking lot needs to be upgraded and secured.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$75,000
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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$75,000	\$0	\$0	\$0	<b>\$75,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

The police parking lot needs to be upgraded and secured. Our police vehicles share a lot with commuter parking. Due to the lack of parking, during shift changes, our vehicles block in civilian vehicles parked in the metered spots. Recommend that the metered spots be removed and relocated. Additionally, fencing should be installed to secure the lot, add lighting and enhance video coverage of the area. These improvements should be considered as part of the *CBD Car Park Improvement and Deck Feasibility Study* and/or the *MTA Parking Lot Improvements*.

**Operating Cost Considerations:**

Minimal operating and maintenance costs will be incurred once the project is completed.

Project Name:	<b>Forest Avenue Pedestrian Improvements</b>
Project Type:	Transportation
Department:	Engineering
Project Priority:	High
Project Start Date:	2018
Project End Date:	2019

**Project Description:**

Implementation of a sidewalk or multi-use path on Forest Avenue north of Apawamis Avenue and the repaving of this section of roadway.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$150,000
Construction	\$2,300,000
Construction Inspect./Other	\$150,000
<b>Total</b>	<b>\$2,600,000</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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	\$0
Grants and Aid:	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Debt:	\$0	\$2,450,000	\$0	\$0	\$0	\$2,450,000

**Project Need/Issues:**

In 2016, the City completed a study to evaluate alternative strategies and preliminary costs for improving pedestrian safety within the Forest Avenue corridor north of the Apawamis Avenue. That study identified four possible improvements involving sidewalks or multi-use paths on Forest between Apawamis Avenue and Maursing Avenue to the intersection of Davis Avenue. The final design process in 2018 would identify based on community input the preferred alternative for implementation. The pedestrian improvements are estimated to cost between \$1.4 M and \$2.0 M depending on the preferred alternative. The remaining project cost is for street repaving, design and construction inspection. Forest Avenue is in need of repaving, however that repaving is being deferred until there is consensus on the desired (or not desired) pedestrian improvements. This project is anticipated to be funded by debt since the City was unsuccessful in securing a grant in 2017.

**Operating Cost Considerations:**

Upon project completion there will be maintenance and improvement cost that may be borne by the City and/or abutting property owners.

Project Name:	<b>5 Points Intersection Improvements</b>
Project Type:	Transportation
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2018
Project End Date:	2018

**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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Grants and Aid:	\$250,000	\$0	\$0	\$0	\$0	<b>\$250,000</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**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. Funding for this project was eliminated in 2016. Future sources of funding are assumed to come from some form of grants and aid.

**Operating Cost Considerations:**

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



Project Name:	<b>Osborn Road Area Study &amp; Improvements</b>
Project Type:	Transportation
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2018
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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Grants and Aid:	\$150,000	\$0	\$0	\$0	\$0	<b>\$150,000</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**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.

**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:	2020
Project End Date:	2021

**Project Description:**

This project 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	\$700,000
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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Grants and Aid:	\$0	\$0	\$50,000	\$700,000	\$0	<b>\$750,000</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**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:	2019
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	\$100,000
Construction	\$1,300,000
Construction Inspect./Other	\$0
<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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$100,000	\$0	\$0	\$0	\$100,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$1,300,000	\$0	\$0	\$1,300,000

**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:	2021

**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. This project should coordinate with *Osborn Road Area Study and 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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	\$0
Grants and Aid:	\$0	\$0	\$20,000	\$180,000	\$0	\$200,000
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**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.

Project Name:	<b>CBD – Car Park Improvement &amp; Deck Feasibility Study</b>
Project Type:	Transportation
Department:	Engineering
Project Priority:	High
Project Start Date:	2018
Project End Date:	2018

**Project Description:**

The project is a study to assess possible aesthetic, traffic flow, pedestrian safety, landscape and accessible improvements to the City’s parking areas in the CBD.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$75,000
Construction	\$0
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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$75,000	\$0	\$0	\$0	\$0	<b>\$75,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

The parking areas in the City’s Central Business District (CBD) are in need of aesthetic and functional upgrades. Curb replacement and repaving is required. Over the last few years mature trees have died and a responsible tree replacement and landscape program is required. In addition, there may be opportunities to reconfigure the existing parking lots to achieve improved pedestrian safety enhancements and accessibility needs. In addition, there is increasing parking demand in the CBD during peak periods, which warrants the City re-visiting the feasibility of a parking structure. The police have also identified parking needs (see: *Police Department Parking Lot*).

**Operating Cost Considerations:**

None since the project is a study.

# **Recreation Projects:**

Project Name:	<b>Damiano Center HVAC</b>
Project Type:	Recreation
Department:	Recreation
Project Priority:	Urgent
Project Start Date:	2018
Project End Date:	2018

**Project Description:**

The current HVAC system is undersized, does not work in the main offices, and is more than 20 years old.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$5,000
Construction	\$35,000
Construction Inspection	\$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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$40,000	\$0	\$0	\$0	\$0	<b>\$40,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

The existing system is failing and requires replacement. The Main offices in the center have no air conditioning as at some point, the system was modified and those trunk lines were removed. The Girl Scout room unit is old and failing as well. New system requirements are now in place and may mean the replacement of the entire system, not just the outside condensers.

**Operating Cost Considerations:**

Operating costs would be reduced with a more energy efficient system that require less maintenance.

Project Name:	<b>Gagliardo Park Improvements</b>
Project Type:	Building/Facilities – Recreation
Department:	Recreation
Project Priority:	Moderate
Project Start Date:	2018
Project End Date:	2018

**Project Description:**

Gagliardo Park is in need of repairs and renovation to enhance the recreational experience for those who live in the Dublin neighborhood and for the enjoyment of all residents.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$25,000
Construction	\$150,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$175,000</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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$175,000	\$0	\$0	\$0	\$0	\$175,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**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 Lighting Improvement</b>
Project Type:	Recreation
Department:	Recreation
Project Priority:	Moderate
Project Start Date:	2019
Project End Date:	2021

**Project Description:**

This project proposes to replace the antiquated lighting system at the Tennis Courts and Multi-purpose Area.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$5,000
Construction	\$435,000
Construction Inspect./Other	\$0
<b>Total</b>	<b>\$440,000</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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$160,000	\$160,000	\$120,000	\$0	\$440,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**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. 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 and Drainage</b>
Project Type:	Recreation
Department:	Recreation
Project Priority:	High
Project Start Date:	2018
Project End Date:	2018

**Project Description:**

The project proposes to improve drainage conditions at Nursery Field by stripping the existing surface and replacing/repairing the drainage system that exists (the field was built in 2002). The field would then be top-dressed and sodded so that it would be ready for play more quickly than seeding.

**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:**

	2018	2019	2020	2021	2022+	Total
Grants and Aid:	\$450,000	\$0	\$0	\$0	\$0	\$450,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

A 2011 study prepared by Woodard and Curran Engineers identified the feasibility and cost of improving drainage and playing conditions at Nursery Field. For approximately \$1.2M, the field could be changed from grass to artificial turf.

**Operating Cost Considerations:**

Operating costs would be reduced due to less maintenance.

Project Name:	<b>Upper Picnic Shelter Replacement</b>
Project Type:	Recreation
Department:	Recreation
Project Priority:	High
Project Start Date:	2020
Project End Date:	2020

**Project Description:**

This project calls for the replacement of the upper picnic shelter and pad.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$10,000
Construction	\$80,000
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:**

	2017	2018	2019	2020	2021+	Total
General Revenues:	\$0	\$0	\$0	\$90,000	\$0	\$90,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

The Upper Picnic Shelter is showing signs of age and deterioration. Recent repairs (2013) allow this project to be deferred. Since then, the support brackets and support beams have shown deterioration, both of which will affect safety of the participants in the long term. Picnics are the one of the main revenue sources for the department, and a new, larger and efficient design could help generate more revenue.

**Operating Cost Considerations:**

Operating costs would be reduced due to less maintenance.



Project Name:	<b>Recreation Park Landscape and Signage Improvements</b>
Project Type:	Recreation
Department:	Recreation
Project Priority:	Low
Project Start Date:	2022
Project End Date:	2022

**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. If the Disbrow Park Master Plan is adopted, this project would be included in those renovations.

**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

<b>Sources of Funding:</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
General Revenues:	\$0	\$0	\$0	\$19,500	\$19,500	\$19,500
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**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:	2021
Project End Date:	2021

**Project Description:**

The project involves the addition of a two-bay garage on the existing maintenance building at Recreation Park.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$8,000
Construction	\$142,000
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:**

	2018	2019	2020	2021	2022+	Total
General Revenue:	\$0	\$0	\$0	\$150,000	\$0	\$150,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

**Project Need/Issues:**

The department has motorized equipment that is outside in the elements 365 days a year. The replacement value of this equipment exceeds \$500,000. Current space cannot support the additional equipment because of space or size.

**Operating Cost Considerations:**

The additional space to store equipment would extend the lifetime usefulness of the equipment.

Project Name:	<b>Recreation Park Tennis Court Replacement</b>
Project Type:	Recreation
Department:	Recreation
Project Priority:	High
Project Start Date:	2018
Project End Date:	2018

**Project Description:**

Replacement of recreation tennis courts #7 & 8.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$20,000
Construction	\$160,000
Construction Inspection	\$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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$180,000	\$0	\$0	\$0	\$0	<b>\$180,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

Tennis Courts 7 & 8 in Recreation Park are over 35 years old. There is a collapsed drain near court 7 that needs attention. The courts are cracking and no longer accepting the 6 year cycle of repair and repainting. Courts should be re-built utilizing “post tension concrete”. New fencing for the facility would also be required.

**Operating Cost Considerations:**

Operating costs would be reduced as no further maintenance would be needed for 10+ years.



Project Name:	<b>Recreation Patio Replacement/Repair</b>
Project Type:	Recreation
Department:	Recreation
Project Priority:	Moderate
Project Start Date:	2019
Project End Date:	2019

**Project Description:**

The existing patio is failing and requires replacement.

**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

**Sources of Funding:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$50,000	\$0	\$0	\$0	<b>\$50,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

The back patio off the main room at the Damiano Center has sunken over the years, which makes exiting out of the main floor room dangerous; there is about a step and a half down when exiting the building. The cement is also deteriorating.

**Operating Cost Considerations:**

Operating costs would be reduced, as less maintenance would be required.



Project Name:	<b>Rec Parking Lot and Service Road Resurfacing</b>
Project Type:	Recreation
Department:	Recreation
Project Priority:	High
Project Start Date:	2018
Project End Date:	2018

**Project Description:**

The project proposes to mill and re-pave the recreation main parking lot and service road; repair sunken drains and curbs where necessary.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$45,000
Construction Inspection	\$0
<b>Total</b>	<b>\$45,000</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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$45,000	\$0	\$0	\$0	\$0	<b>\$45,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

The main parking lot and the service road are deteriorating and portions of the pathway from the McDonald Building to the Art Center Parking lot are hazardous and should be regraded.

**Operating Cost Considerations:**

None.



Project Name:	<b>Handicapped Accessible Playground</b>
Project Type:	Recreation
Department:	Recreation
Project Priority:	High
Project Start Date:	2018
Project End Date:	2018

**Project Description:**

Install new playground equipment with elements that are accessible for handicap participants.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$200,000
Construction Inspection	\$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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$200,000	\$0	\$0	\$0	\$0	<b>\$200,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

Both Recreation Park and Gagliardo Park are in need of repair, resurfacing, and elements for handicap accessible play structures. The surface of the playgrounds needs to be poured in place rubber. Playground safety surfacing no longer allows for sand as an appropriate safety surface. Other playgrounds will need to be updated/upgraded with a similar surface

**Operating Cost Considerations:**

Updating the playgrounds surfacing will help keep operating cost down by reducing maintenance.



Project Name:	<b>Damiano Roof Replacement</b>
Project Type:	Recreation
Department:	Recreation
Project Priority:	Moderate
Project Start Date:	2019
Project End Date:	2019

**Project Description:**

The project proposes to replace the older section of the Damiano Center Roof.

**Estimated Project Costs:**

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

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$20,000	\$0	\$0	\$0	<b>\$20,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

The existing roof is 25+ years old. Over the past few years, leaks have occurred and areas of roof over the girl scout room and kitchen area have been patched.

**Operating Cost Considerations:**

Operating costs would be reduced due to less maintenance.

Project Name:	<b>Damiano Floor Replacement</b>
Project Type:	Recreation
Department:	Recreation
Project Priority:	Moderate
Project Start Date:	2021
Project End Date:	2021

**Project Description:**

This project proposes to replace the existing floor in the lower level multi-purpose and lounge.

**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

**Sources of Funding:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$0	\$0	\$25,000	\$0	<b>\$25,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

Both of these rooms are used daily and the flooring takes a beating from the tables and chairs as they get moved for events and programs. Floor replacement should be considered every 10 years.

**Operating Cost Considerations:**

Replacement of the floor would maintain the space's high end look and increase its rent-a-ability.

Project Name:	<b>Recreation Building Painting</b>
Project Type:	Recreation
Department:	Recreation
Project Priority:	Low
Project Start Date:	2021
Project End Date:	2021

**Project Description:**

Painting of the exterior of the Damiano Center and Maintenance Garage; painting of the interior of the Damiano Center.

**Estimated Project Costs:**

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

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$0	\$0	\$20,000	\$0	<b>\$20,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

Both the interior and exterior of the facility need painting and the façade is in need of general repairs. The exterior of the maintenance garage is also in need of a full painting.

**Operating Cost Considerations:**

Keeping the buildings properly maintained will keep operation costs down as repairs should be eliminated with this job.

Project Name:	<b>Recreation Basketball Repainting</b>
Project Type:	Recreation
Department:	Recreation
Project Priority:	Moderate
Project Start Date:	2018
Project End Date:	2018

**Project Description:**

Crack repair and repainting of the Multi-purpose courts at Recreation Park and replacement of the backboards (4).

**Estimated Project Costs:**

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

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$20,000	\$0	\$0	\$0	\$0	<b>\$20,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

The existing courts are in need of various crack repairs as well as a full painting. The site has two basketball courts that see use daily. The last time this area was painted was in 2007.

**Operating Cost Considerations:**

Operating costs would be reduced as less maintenance would be required.



Project Name:	<b>Damiano Electric Improvement</b>
Project Type:	Recreation
Department:	Recreation
Project Priority:	Moderate
Project Start Date:	2019
Project End Date:	2019

**Project Description:**

This project proposes to upgrade electric panels, outlets in Damiano Recreation Center and address the electric short at the lower picnic shelter.

**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

**Sources of Funding:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$25,000	\$0	\$0	\$0	<b>\$25,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

Damiano Center originally built in 1959 has 8+ electric panels, many dating back to the original building. Upgrading the service and replacing all old breakers and fuses as well as consolidating service would make the operation and upkeep more seamless. This project would include upgrading outlets in all rooms and offices as many of these spaces only have 2 outlets for use, many are not GFI where required. Currently, the lower picnic shelter has a short under the parking lot. This project would try to address that issue as well.

**Operating Cost Considerations:**

Upgrading the system would make the operation more efficient

Project Name:	<b>Recreation Security System Upgrade</b>
Project Type:	Recreation
Department:	Recreation
Project Priority:	Moderate
Project Start Date:	2019
Project End Date:	2019

**Project Description:**

This project proposes additional security systems to view outlying parks/facilities including Skate Park, Maintenance Garage, McDonald Building, Nursery Field and Gagliardo Park

**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

**Sources of Funding:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$25,000	\$0	\$0	\$0	<b>\$25,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

Enhanced security systems would help deter misuse of facilities during the day, after hours and or on weekend. Each facility has different needs and issues. Example: Soda machine at Nursery Field & McDonald building has been vandalized; Skate Park – the kids climb the fence and use the facility when closed.

**Operating Cost Considerations:**

Project Name:	<b>Recreation Irrigation Upgrade</b>
Project Type:	Recreation
Department:	Recreation
Project Priority:	Moderate
Project Start Date:	2019
Project End Date:	2019

**Project Description:**

The project proposes to replace, enhance and comply with current codes for irrigation throughout the park system

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$8,000
Construction	\$20,000
Construction Inspection	\$0
<b>Total</b>	<b>\$28,000</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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$28,000	\$0	\$0	\$0	<b>\$28,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

Irrigation upgrades and adding necessary addition of RPZ at Recreation Park, Rec Tennis Courts, Damiano Center and Gagliardo Park. This project would also look at the expansion of irrigation for the main garden outside Damiano.

**Operating Cost Considerations:**

RPZ's are required and the additional irrigation would save on man power on manually watering the lawns and gardens. This also would allow us to run the system not during prime business hours.

**Rye Golf Club**  
*Enterprise Fund*

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:**

	2018	2019	2020	2021	2022+	Total
Enterprise Reserve Fund:	\$0	\$675,000	\$0	\$0	\$0	<b>\$675,000</b>
Grants & Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</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:	2018
Project End Date:	2018

**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

**Sources of Funding:**

	2018	2019	2020	2021	2022+	Total
Enterprise Reserve Fund:	\$25,000	\$0	\$0	\$0	\$0	\$25,000
Grants & Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**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:	2018
Project End Date:	2018

**Project Description:**

Replacing old directional signs and yardage markers around the golf course to match new tee signs purchased in 2016.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$15,000
Construction Inspection	\$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:**

	2018	2019	2020	2021	2022+	Total
Enterprise Reserve Fund:	\$15,000	\$0	\$0	\$0	\$0	<b>\$15,000</b>
Grants & Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

The golf club replaced tee signs in 2016 with new cast aluminum-bronze painted tee signs. The next phase of this project will be to purchase and install new directional signs and yardage markers to match the tee signs. New signs will provide an aesthetic level that is consistent with the overall 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 Greens Drainage &amp; Expansion</b>
Project Type:	Recreation/Enterprise Fund
Department:	Rye Golf Club
Project Priority:	Moderate
Project Start Date:	2017
Project End Date:	2021

**Project Description:**

Architectural design for installation of greens drainage, greens expansion, and scope of work for new sod to complete 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	\$50,000
Construction	\$600,000
Construction Inspection	\$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:**

	2018	2019	2020	2021	2022+	Total
Enterprise Reserve Fund:	\$150,000	\$250,000	\$250,000	\$0	\$0	<b>\$650,000</b>
Grants & Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</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.

Work has been completed on Holes 18, 17, 12, and Castle Practice Greens. In Fall 2017, work will begin on Holes 1, 2, 4, 6, 7, 9, 11, and 15.

**Operating Cost Considerations:**

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Project Name:	<b>RGC Half Way House and 1<sup>st</sup> Tee Planning</b>
Project Type:	Recreation/Enterprise Fund
Department:	Rye Golf Club
Project Priority:	Moderate
Project Start Date:	2018
Project End Date:	2018

**Project Description:**

Design work and planning for an improved Half way house at the course’s 9<sup>th</sup> green, as well as new structures for the starter and practice bays by the 1<sup>st</sup> tee.

**Estimated Project Costs:**

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

	2018	2019	2020	2021	2022+	Total
Enterprise Reserve Fund:	\$20,000	\$0	\$0	\$0	\$0	<b>\$20,000</b>
Grants & Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

Currently, the members of the Rye Golf Club do not have a halfway house that meets the standards of the Westchester County Department of Health and as such, only extremely limited service is able to be provided. The membership has expressed significant interest in conducting an architectural assessment of how the club can introduce a full service halfway 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.

Additionally, the club will plan to design new structures for the outdated starter building and “swing cages” at the 1<sup>st</sup> tee.

**Operating Cost Considerations:**

The club can potentially see increase in revenue from increased sales at a fully functioning “half way house”. Newer buildings for the 1<sup>st</sup> tee area will increase membership retention and new membership sales.

Project Name:	<b>RGC/Whitby HVAC Repair/Replacement</b>
Project Type:	Recreation/Enterprise Fund
Department:	Rye Golf Club
Project Priority:	Moderate
Project Start Date:	2017
Project End Date:	2021

**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	\$20,000
Construction	\$35,000
Construction Inspection	\$0
<b>Total</b>	<b>\$55,000</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:**

	2018	2019	2020	2021	2022+	Total
Enterprise Reserve Fund:	\$5,000	\$30,000	\$10,000	\$5,000	\$5,000	<b>\$55,000</b>
Grants & Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**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 are likely to fail over the next 5 years. Replacement is likely to become necessary over the next several years. The club is planning to engage an HVAC engineer to provide an overall assessment of the HVAC system.

**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:	2018
Project End Date:	2018

**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:**

	2018	2019	2020	2021	2022+	Total
Enterprise Reserve Fund:	\$30,000	\$0	\$0	\$0	\$0	<b>\$30,000</b>
Grants & Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</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 Mechanical Repair &amp; Replacement</b>
Project Type:	Recreation/Enterprise Fund
Department:	Rye Golf Club
Project Priority:	Moderate
Project Start Date:	2018
Project End Date:	2022

**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

**Sources of Funding:**

	2018	2019	2020	2021	2022+	Total
Enterprise Reserve Fund:	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	<b>\$50,000</b>
Grants & Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

An engineering assessment of our pool’s mechanical system identified that our pool’s mechanical systems are long past 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:	2018
Project End Date:	2018

**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	\$700,000
Construction Inspection	\$0
<b>Total</b>	<b>\$700,000</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:**

	2018	2019	2020	2021	2022+	Total
Enterprise Reserve Fund:	\$700,000	\$0	\$0	\$0	\$0	<b>\$700,000</b>
Grants & Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</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. In 2016, under the advice of a pool engineer, the club kept water in the pool year round and sustained a significant decrease in flaking/chipping of the surface, which is one reason why the club has postponed the project.

**Operating Cost Considerations:**

If this project were to be completed two additional costs would 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 throughout 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 Course Irrigation Improvements</b>
Project Type:	Recreation
Department:	Golf Club
Project Priority:	High
Project Start Date:	2017
Project End Date:	2021

**Project Description:**

Assess the status of the current course irrigation system, prepare plans to improve both the system’s capacity and water supply, develop a scope of work to conduct the project, and execute said scope.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$40,000
Construction	\$2.575 M
Construction Inspection	\$0
<b>Total</b>	<b>\$2.615 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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$40,000	\$375,000	\$2.2 M	\$TBD	\$TBD	<b>\$2.615 M</b>
Grants & Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

Currently, the golf course irrigation system poses two issues to the maintenance of the club: (1) the club cannot draw enough water from City supplies to effectively irrigate the entire course and (2) if the club did improve the water supply we are not sure the existing irrigation system, which is over 20 years old, could handle the necessary capacity. Before embarking on a long term project to upgrade the supplies, increase self-sustainability, and ensure that the irrigation system can meet our needs we must gain a thorough understanding of what are specific issues are. The club will work with an irrigation engineer and eventually electrical engineers to prepare plans to improve the overall state of the irrigation system.

**Operating Cost Considerations:**

Although the club ultimately wants to increase water output, there would be a potential net equalizer if the club finds ways to increase its own water storages via increasing the holding capacity of existing ponds.

Project Name:	<b>RGC Tree Management</b>
Project Type:	Recreation
Department:	Golf Club
Project Priority:	Moderate
Project Start Date:	2018
Project End Date:	2019

**Project Description:**

With consultation from the United States Golf Association and a certified arborist, the golf club intends to remove trees that are invasive species, susceptible to the Emerald Ash Bore, in deteriorating condition, or over-grown in order to increase the sun exposure to parts of the golf course.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$205,000
Construction Inspection	\$0
<b>Total</b>	<b>\$205,000</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:**

	2018	2019	2020	2020	2021	Total
Enterprise Reserve Funds:	\$105,000	\$100,000	\$0	\$0	\$0	<b>\$205,000</b>
Grants & Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

Due to the over growth of the tree line the golf club turf is not receiving an appropriate amount of sun light which makes it increasingly difficult to maintain to an acceptable level. After consultation with senior agronomists from the United States Golf Association and a certified arborist it became clear that the club needs to increase sun exposure and there are some trees that are preventing the greens from receiving the appropriate amount of sun. With an arborist we searched for trees that were impacting the sun light and marked off trees that might be in a dangerous condition if they are deteriorating or dead. We also marked off trees that are invasive species or susceptible to the Emerald Ash Bore infestation.

**Operating Cost Considerations:**

The golf club will be able to reduce chemical inputs to the greens with the increased sunlight exposure so there is a possibility of gaining operational efficiencies.

Project Name:	<b>RGC Whitby Castle Frames &amp; Shutters</b>
Project Type:	Recreation
Department:	Golf Club
Project Priority:	Moderate
Project Start Date:	2018
Project End Date:	2018

**Project Description:**

Painting all wooden window frames and shutters around the original Whitby Castle building.

**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

**Sources of Funding:**

	2018	2019	2020	2021	2022+	Total
Enterprise Reserve Fund:	\$25,000	\$0	\$0	\$0	\$0	<b>\$25,000</b>
Grants & Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

Currently the wooden window frames and shutters around the Windows of the original building of Whitby Castle need to be re-painted.

**Operating Cost Considerations:**

Project Name:	<b>Golf Club Landscape Improvements</b>
Project Type:	Recreation
Department:	Golf Club
Project Priority:	Moderate
Project Start Date:	2018
Project End Date:	2018

**Project Description:**

The golf club has several areas at the club which require landscape improvements including in/around the bag-drop area, administrative building, golf shop, residence, 1<sup>st</sup> tee area, 11<sup>th</sup> tee area, 18<sup>th</sup> tee area, and other various locations. Additionally, we must address landscaping development near our new short game area.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$40,000
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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$40,000	\$0	\$0	\$0	\$0	<b>\$40,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Operating Cost Considerations:**

The club will allocate additional personnel to maintain newly developed landscaping areas. This should cost no more than \$12,000 for the entire season.

# **Boat Basin**

## *Enterprise Fund*

Project Name:	<b>Milton Harbor Federal Channel Dredging</b>
Project Type:	Recreation/Enterprise Fund
Department:	Boat Basin
Project Priority:	High
Project Start Date:	2018
Project End Date:	2022

**Project Description:**

Dredging of the one mile long Federal Channel leading into the City of Rye Boat Basin as well as the entire Boat Basin.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$2 M
Construction Inspection	\$0
<b>Total</b>	<b>\$2 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:**

	2018	2019	2020	2021	2022+	Total
Boat Basin Enterprise Fund:	\$1 M	\$0	\$0	\$0	\$1 M	<b>\$2 M</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

Maintenance dredging of the 1 mile federal channel leading into and surrounding the Boat Basin docks. Navigation of most boats in and out of the Boat Basin during the low tide window is becoming difficult to nearly impossible. The project will require multiple State and Federal permits. Project costs are estimated and derived from current volume estimates and current cubic yard pricing. This assumes disposal at the Western Long Island Sound disposal site without capping. Federal/bond assistance will be required. There is currently \$987,000 in the Boat Basin reserve fund.

**Operating Cost Considerations:**

Amount of material to be removed is unknown and is driven by the cost of disposal.



Project Name:	<b>Boat Basin Generator</b>
Project Type:	Recreation/Enterprise Fund
Department:	Boat Basin
Project Priority:	High
Project Start Date:	2019
Project End Date:	2019

**Project Description:**

This project is critical to the successful winter operation of the Boat Basin. The Boat Basin is responsible for in-water storage of many boats and floats. Having an appropriately sized generator would provide safety for the boats/floats 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 the 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	\$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

**Sources of Funding:**

	2018	2019	2020	2021	2022+	Total
Enterprise Reserve Funds:	\$0	\$25,000	\$0	\$0	\$0	<b>\$25,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

Minimum 30KW Kohler generator

**Operating Cost Considerations:**

Some increase in energy costs to run generator.

Project Name:	<b>Boat Basin Work Shed</b>
Project Type:	Dam Work Shed
Department:	Boat Basin
Project Priority:	Moderate
Project Start Date:	2022
Project End Date:	2022

**Project Description:**

Replacement of dam storage shed.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$2,500
Site Acquisition	\$0
Engineering/Design	\$2,500
Construction	\$25,000
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:**

	2018	2019	2020	2021	2022+	Total
Enterprise Reserve Funds:	\$0	\$0	\$0	\$0	\$30,000	<b>\$30,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

The Boat Basin needs to upgrade the existing shed on the dam to help house the current equipment inventory. This could also be used to build floats, etc.

**Operating Cost Considerations:**

Once project is complete, there will be yearly maintenance and upkeep.



Project Name:	<b>Boat Basin Dam Water Supply</b>
Project Type:	Water Supply on Dam
Department:	Boat Basin
Project Priority:	Low
Project Start Date:	2021
Project End Date:	2021

**Project Description:**

Water supply on the dam has been an ongoing problem since it is not below the frost line. The water supply needs to be properly installed.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$1,500
Construction	\$20,000
Construction Inspection	\$0
<b>Total</b>	<b>\$21,500</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:**

	2018	2019	2020	2021	2022+	Total
Enterprise Reserve Funds:	\$0	\$0	\$0	\$0	\$21,500	<b>\$21,500</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

The Boat Basin needs to replace the existing water supply to the back dam area. Currently it is not below the frost lines and it is a constant problem.

**Operating Cost Considerations:**

Once project is complete, there will be yearly maintenance and upkeep.

Project Name:	<b>Boat Basin Parking Lot</b>
Project Type:	Parking Lot
Department:	Boat Basin
Project Priority:	Low
Project Start Date:	2019
Project End Date:	2019

**Project Description:**

The parking lot is starting to show its age and will need to be repaired in the next 5 years.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$2,500
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$40,000
Construction Inspection	\$0
<b>Total</b>	<b>\$42,500</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:**

	2018	2019	2020	2021	2022+	Total
Enterprise Reserve Funds:	\$0	\$42,500	\$0	\$0	\$0	<b>\$42,500</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

The parking lot shows its age and is deteriorating. There is a lot of loose material, which creates trip hazards.

**Operating Cost Considerations:**

Once project is complete, there will be yearly maintenance and upkeep.

Project Name:	<b>Boat Basin Float Replacement</b>
Project Type:	Floats
Department:	Boat Basin
Project Priority:	Moderate
Project Start Date:	2018
Project End Date:	2021

**Project Description:**

Rebuild and resurface floats (docks) within the boat basin utilizing new construction with “tub” underneath the floats so that no wood products are in the water.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$200,000
Construction Inspection	\$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:**

	2018	2019	2020	2021	2022+	Total
Enterprise Reserve Funds:	\$50,000	\$50,000	\$50,000	\$50,000	\$0	<b>\$200,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

The Boat Basin currently is beginning to replace both floats and finger slips with a design that utilizes “tubs” under the floats. This keeps the wood decking from coming in contact with the water and will extend the life span of the floats. This will take place year over year for the next four years.

**Operating Cost Considerations:**

Once project is complete, there will be yearly maintenance and upkeep.

Project Name:	<b>Boat Basin Main Gazebo Repair or Replacement</b>
Project Type:	Gazebo Repair/Replacement
Department:	Boat Basin
Project Priority:	Moderate to High
Project Start Date:	2019
Project End Date:	2019

**Project Description:**

Repair/Replacement of main gazebo leading to main Docks and main ramp.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$3,500
Site Acquisition	\$0
Engineering/Design	\$5,000
Construction	\$60,000
Construction Inspection	\$0
<b>Total</b>	<b>\$68,500</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:**

	2018	2019	2020	2021	2022+	Total
Enterprise Reserve Funds:	\$0	\$68,500	\$0	\$0	\$0	<b>\$68,500</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

The Boat Basin is upgrading in many ways and currently needs to bring the main Gazebo to a safe standing. Inspections of the lower section have shown age is taking its toll. We can stabilize currently but it will need to be replaced down the road. The main ramp is old and made from wood. It should be replaced with an aluminum dock, which is more substantial and of a wider width.

**Operating Cost Considerations:**

Once project is complete, there should be minor operating costs for many years. Yearly painting and cleaning will be ongoing expenses.



Project Name:	<b>Boat Basin Launch Ramp Extension</b>
Project Type:	Ramp Extension Replacement
Department:	Boat Basin
Project Priority:	High
Project Start Date:	2019
Project End Date:	2019

**Project Description:**

Current ramp is not usable after certain tides and then again before certain tides. There is a current ramp stop. The idea is to extend the ramp at least 30ft so it can be used by most boats at any tide.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$5,000
Site Acquisition	\$0
Engineering/Design	\$5,000
Construction	\$110,000
Construction Inspection	\$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:**

	2018	2019	2020	2021	2022+	Total
Enterprise Reserve Funds:	\$0	\$20,000	\$0	\$0	\$0	<b>\$20,000</b>
Grants and Aid:	\$0	\$100,000	\$0	\$0	\$0	<b>\$100,000</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

The Boat Basin is in need of the ramp being usable at any tide for safe haul and launch, especially during times of storms like Sandy. The issue now is there is a ramp stop and the ramp does not extend far enough. We need to be set up like the village of Mamaroneck and be able to use the ramp as needed, regardless of the tide.

**Operating Cost Considerations:**

Once project is complete, there should be minor operating costs for many years. There is a possibility of State funds to assist with this project.



Project Name:	<b>Police Vehicle Mobile Video Recorders and Body Cameras</b>
Project Type:	Police Technology
Department:	Police
Project Priority:	High
Project Start Date:	2019
Project End Date:	2019

**Project Description:**

Mobile Video Recorders have been useful tools in the law enforcement profession for some years. Additionally, the recent emergence of body-worn cameras has already had an impact on policing, and this impact will only increase as more agencies adopt this technology. This project would replace an aging mobile video recorder camera system (in our police fleet) with a state of the art mobile video recorder camera system and incorporate a high tech body worn camera program for the Rye Police Department.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$125,000
Construction	\$0
Construction Inspection	\$0
<b>Total</b>	<b>\$125,000</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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$125,000	\$0	\$0	\$0	<b>\$125,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

The purpose of this project is to replace an aging mobile video recorder camera system in our police fleet and to incorporate a body worn camera program for the Rye Police Department. These cameras can help promote agency accountability and transparency, and they can be useful tools for increasing officer professionalism, improving officer training, preserving evidence, and documenting critical encounters with the public. This is a high priority item as this law enforcement tool may actually reduce exposure to litigation and unwarranted citizen complaints.

**Operating Cost Considerations:**

All annual operating costs are minimal. The bulk of expenditures are factored into the initial outlay of funds.

Project Name: **Police Portable Radio Upgrade**

Project Type:	Equipment
Department:	Police
Project Priority:	High
Project Start Date:	2018
Project End Date:	2018

**Project Description:**

Upgrade police department portable radios.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$100,000
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$0
Construction Inspection	\$0
<b>Total</b>	<b>\$100,000</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:**

	2018	2019	2020	2021	2022	Total
General Revenues:	\$100,000	\$0	\$0	\$0	\$0	<b>\$100,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

Currently the City of Rye Police Department utilizes a Motorola PR 860 portable radio for all of our remote personal radio communication. The department purchased these portable radios in 2005 and they have been in service continually since that date. The radios have far exceeded their life expectancy over this 12 year period. Unfortunately, Motorola does not manufacture these particular units any longer and service/repair is getting more difficult due to lack of parts and accessories.

All members associated with the Police Department who utilize portable radio communication are currently assigned the Motorola PR860 and will need replacement. Replacement will also need to include charging stations and spare batteries. The current batteries and charging stations are only specific to the PR860 units. The total need for replacement breaks down as follows:

- Sworn officers – 37
- Parking Enforcement – 2
- Bay Constables – 5
- Public Safety Commissioner – 1
- Spare Units – 5
- Total replacement – 50

**Operating Cost Considerations:**

Minimal operating and maintenance costs will be incurred once the project is completed.

Project Name:	<b>Fire Department Radio Upgrades</b>
Project Type:	Public Safety
Department:	Fire
Project Priority:	High
Project Start Date:	2017
Project End Date:	2017

**Project Description:**

This project would replace and add new portable radios for all interior firefighters in the City of Rye Fire Department.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$100,000
Construction Inspection	\$0
<b>Total</b>	<b>\$100,000</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:**

	2017	2018	2019	2020	2021+	Total
General Revenues:	\$100,000	\$0	\$0	\$0	\$0	<b>\$100,000</b>

**Project Need/Issues:**

Currently the Fire Department has an inventory of approximately 25 portable fire ground radios, these radios range in age from 3 years old to more than 10 years old. While these radios still operate and are serviceable, they are from an old antiquated system. New radios would provide many modern features. New radios would be issued to all Interior Firefighters of the department. Some of the key new features of the radios are emergency button, GPS location, and individual identifiers. These features would provide enhanced safety in the event that a firefighter became trapped disorientated or experienced some other life threatening situation while at a fire scene. The project would purchase 20 radios and the associated equipment needed. The radios can be purchased from a local vendor that has the New York State contract for these radios. The old radios would either be sold at auction as surplus equipment or they could be issued to active members that do not enter fires.

**Operating Cost Considerations:**

None.

Project Name:	<b>Fire Boat</b>
Project Type:	Public Safety
Department:	Fire
Project Priority:	Moderate
Project Start Date:	2018
Project End Date:	2019

**Project Description:**

This project would fund the purchase of a new fire boat for the Fire Department.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$250,000
Construction Inspection	\$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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$250,000	\$0	\$0	\$0	<b>\$250,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

In the past the Rye Fire Department has had a Fire Boat that was donated to the Department by a resident. That boat sunk in a storm and has never been replaced (and no new donations have been made or are expected). The City of Rye has approximately 14 miles of coast line and a substantial amount of area covered by Long Island Sound. With multiple private Clubs offering varying levels of boating, a City owned Marina, and an island community with multiple private residences, there is a need to provide a level of Fire Protection and Life Safety Protection to the residents of Rye. Currently the only boat owned by the Fire Department is a 14 foot inflatable, which has no firefighting capabilities and only limited life safety uses. Its primary function is for flooding, not for use on Long Island Sound. A new boat would provide for greater service to the residents of Rye.

**Operating Cost Considerations:**

Project Name:	<b>Command Vehicles Replacement</b>
Project Type:	Public Safety
Department:	Fire
Project Priority:	<b>Urgent</b>
Project Start Date:	2018
Project End Date:	2021

**Project Description:**

This project is for the ongoing replacement of the Fire Departments Command Vehicles.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$135,000
Construction Inspection	\$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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$60,000	\$0	\$0	\$75,000	\$0	<b>\$135,000</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**Project Need/Issues:**

This item is for the ongoing replacement of the Fire Department’s Command Vehicles. Currently the Fire Department operates four command vehicles; 2014 Ford Explorer, 2011 Chevy Tahoe, a second 2006 Chevy Tahoe, and a 2008 Ford Escape. This project is for the replacement of one of the 2006 Chevy Tahoes and the 2008 Ford Escape. By replacing one command vehicle in each of the following years the Fire Department will be able to maintain an up to date fleet of reliable vehicles. The cost includes the purchasing of the vehicle and outfitting the vehicle with lights, radios and specialized equipment needed for use as a Command Vehicle.

**Operating Cost Considerations:**

Operating cost would not change substantially. A new vehicle would require less maintenance so some savings from the Public Works Garage may be seen.

Project Name:	<b>Fire Engine Replacement</b>
Project Type:	Public Safety
Department:	Fire
Project Priority:	High
Project Start Date:	2018
Project End Date:	2018

**Project Description:**

This project is to replace a current Fire Engine that has reached the end of its expected usefulness to the City of Rye.

**Estimated Project Costs:**

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$645,000
Construction Inspection	\$0
<b>Total</b>	<b>\$645,000</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:**

	2018	2019	2020	2021	2022+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
Debt:	\$0	\$645,000	\$0	\$0	\$0	<b>\$645,000</b>

**Project Need/Issues:**

This project will replace the current Engine 191 at Locust Ave Firehouse. Engine 191 is a 1994 Pierce Lance Rescue Engine; the life expectancy of this type of vehicle is 20 years. With the age of this apparatus comes increased maintenance needs and frequent mechanical break downs. The vehicle is in constant need of attention from the Public Works garage. There is a recurring issue with a Check Engine Warning light and loss of power to the engine. The vehicle has been looked at numerous times by the garage and has been sent to a special garage in New Jersey with no success in finding or repairing the problem. The generator which is used to power the “Jaws of Life” tool is no longer operational. The water tank used to supply water to the initial attack of a fire has developed a leak in the last year.

The vehicle is no longer reliable and is need of immediate replacement. If loss of power to the engine were to occur while operating at an emergency, the effects could be disastrous. After speaking with numerous fire apparatus manufacturers, it seems reasonable that we should expect to spend in the area of \$645,000 to replace this vehicle.

**Operating Cost Considerations:**

Operating cost would not change substantially. A new vehicle would require less maintenance so some savings from the Public Works Garage may be seen.

