

2019-2023 Capital Improvement Plan

City of Rye, New York



*Planning and Funding For City Projects
For Fiscal Years Ending
December 31, 2019 through 2023*

September 2018

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SECTION I – OVERVIEW

Introduction

The City’s five-year Capital Improvement Plan (CIP) identifies projects and acquisitions of infrastructure, buildings, land, facilities, vehicles and equipment for the years ending December 31, 2019 through 2023.

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**

Classification	Description
<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 89 capital improvement projects including 70 projects from non-enterprise fund categories and an additional 19 projects identified by the City's Boat Basin and Rye Golf enterprise operations. The total cost of all projects is \$66 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**

Project Type	2017	2018	2019	2020	2021+	Total Required
Building	\$9,700,000	\$50,000	\$50,000	\$50,000	\$3,430,000	\$13,280,000
Drainage	\$1,883,742	\$100,000	\$150,000	\$185,000	\$10,085,000	\$12,403,742
Sewer	\$5,747,000	\$110,000	\$2,110,000	\$110,000	\$50,000	\$8,127,000
Transportation	\$4,065,000	\$3,585,000	\$2,060,000	\$1,825,000	\$8,355,000	\$19,890,000
Recreation	\$525,000	\$375,000	\$360,000	\$310,000	\$2,690,000	\$4,260,000
<i>Rye Golf*</i>	\$1,480,000	\$2,710,000	\$640,000	\$15,000	\$715,000	\$5,560,000
<i>Boat Basin*</i>	\$1,445,000	\$531,500	\$200,000	\$230,000	\$74,000	\$2,480,500
Sub-Total Enterprise*	\$2,925,000	\$3,241,500	\$840,000	\$245,000	\$789,000	\$8,040,500
Sub-Total Non-Enterprise	\$21,920,742	\$4,220,000	\$4,730,000	\$2,480,000	\$24,610,000	\$57,960,742
GRAND TOTAL	\$24,845,742	\$7,461,500	\$5,570,000	\$2,725,000	\$25,399,000	\$66,001,242
Vehicles & Equipment	\$2,423,000	\$1,611,000	\$870,500	\$618,000	\$589,000	\$6,111,500

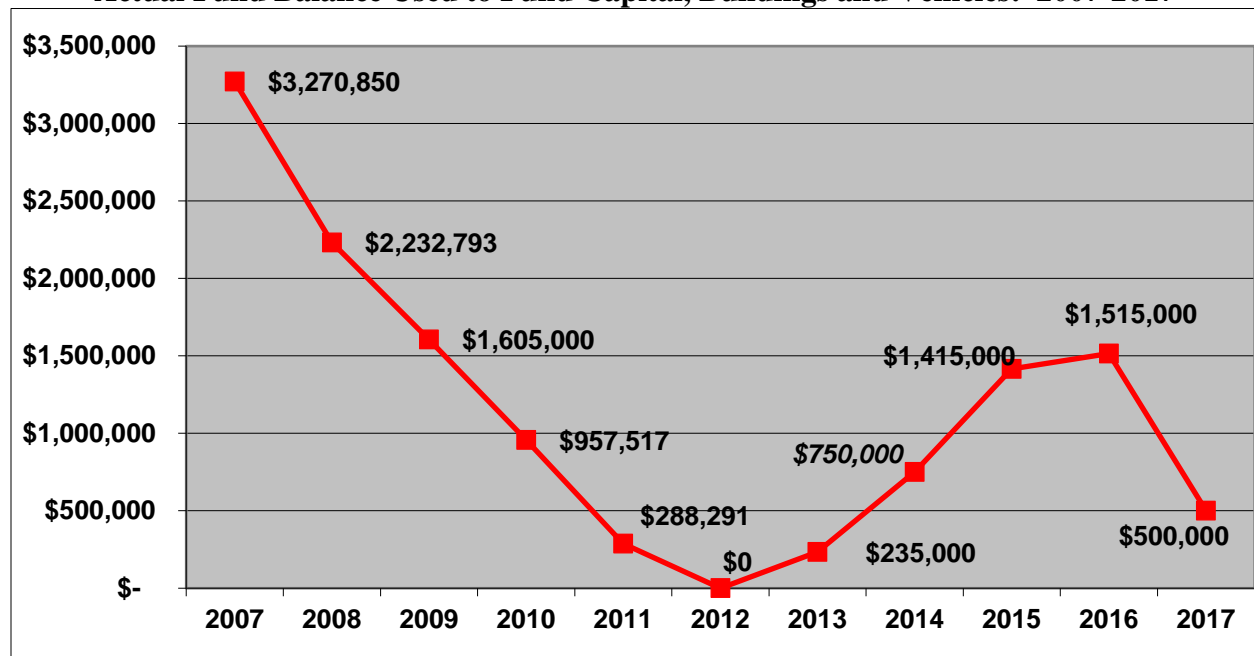
Fund Balance

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 \$1.4 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 approximately \$1.0 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 \$733,000 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**

Project Type	General Revenues	Grants & Aid	Debt	Total Sources
Building	\$1,290,000	\$2,250,000	\$9,740,000	\$13,280,000
Drainage	\$570,000	\$11,833,742	\$0	\$12,403,742
Sewer	\$870,000	\$0	\$7,257,000	\$8,127,000
Transportation	\$8,701,200	\$6,158,800	\$5,030,000	\$19,890,000
Recreation	\$1,610,000	\$0	\$2,650,000	\$4,260,000
<i>Rye Golf*</i>	\$5,560,000	\$0	\$0	\$5,560,000
<i>Boat Basin*</i>	\$2,380,500	\$100,000	\$0	\$2,480,500
Sub-Total Enterprise*	\$7,940,500	\$100,000	\$0	\$8,040,500
Sub-Total Non-Enterprise	\$13,041,200	\$20,242,542	\$24,677,000	\$57,960,742
Sub-Total Enterprise*	\$20,981,700	\$20,342,542	\$24,677,000	\$66,001,242
Vehicles & Equipment	\$3,866,500	\$ -	\$2,245,000	\$6,111,500

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 \$24.7 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 \$57.9 Million in non-enterprise fund projects over the next five or more years and almost \$6.1 Million in vehicle purchases, including the use of \$1.6 Million in debt for the purchase of a new sanitation vehicle fleet. 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+**

Project Type	2018	2018	2020	2021	2022+	Total Required
Building	\$9,700,000	\$50,000	\$50,000	\$50,000	\$3,430,000	\$13,280,000
<i>General Rev.</i>	\$550,000	\$50,000	\$50,000	\$50,000	\$590,000	\$1,290,000
<i>Grants & Aid</i>	\$0	\$0	\$0	\$0	\$2,250,000	\$2,250,000
<i>Debt</i>	\$9,150,000	\$0	\$0	\$0	\$590,000	\$9,740,000
Drainage	\$1,883,742	\$100,000	\$150,000	\$185,000	\$10,085,000	\$12,403,742
<i>General Rev.</i>	\$50,000	\$50,000	\$50,000	\$85,000	\$335,000	\$570,000
<i>Grants & Aid</i>	\$1,833,742	\$50,000	\$100,000	\$100,000	\$9,750,000	\$11,833,742
<i>Debt</i>	\$0	\$0	\$0	\$0	\$0	\$0
Sewer	\$5,747,000	\$110,000	\$2,110,000	\$110,000	\$50,000	\$8,127,000
<i>General Rev.</i>	\$490,000	\$110,000	\$110,000	\$110,000	\$50,000	\$870,000
<i>Grants & Aid</i>	\$0	\$0	\$0	\$0	\$0	\$0
<i>Debt</i>	\$5,257,000	\$0	\$2,000,000	\$0	\$0	\$7,257,000
Transportation	\$4,065,000	\$3,585,000	\$2,060,000	\$1,825,000	\$8,355,000	\$19,890,000
<i>General Rev.</i>	\$1,506,200	\$1,135,000	\$840,000	\$1,295,000	\$3,925,000	\$8,701,200
<i>Grants & Aid</i>	\$2,558,800	\$1,850,000	\$370,000	\$530,000	\$850,000	\$6,158,800
<i>Debt</i>	\$0	\$600,000	\$850,000	\$0	\$3,580,000	\$5,030,000
Recreation	\$525,000	\$375,000	\$360,000	\$310,000	\$2,690,000	\$4,260,000

<i>General Rev.</i>	\$525,000	\$375,000	\$360,000	\$310,000	\$40,000	\$1,610,000
<i>Grants & Aid</i>	\$0	\$0	\$0	\$0	\$0	\$0
<i>Debt</i>	\$0	\$0	\$0	\$0	\$2,650,000	\$2,650,000
Rye Golf*	\$1,480,000	\$2,710,000	\$640,000	\$15,000	\$715,000	\$5,560,000
<i>General Rev.</i>	\$1,480,000	\$2,710,000	\$640,000	\$15,000	\$715,000	\$5,560,000
<i>Grants & Aid</i>	\$0	\$0	\$0	\$0	\$0	\$0
<i>Debt</i>	\$0	\$0	\$0	\$0	\$0	\$0
Boat Basin*	\$1,445,000	\$531,500	\$200,000	\$230,000	\$74,000	\$2,480,500
<i>General Rev.</i>	\$1,445,000	\$431,500	\$200,000	\$230,000	\$74,000	\$2,380,500
<i>Grants & Aid</i>	\$0	\$100,000	\$0	\$0	\$0	\$100,000
<i>Debt</i>	\$0	\$0	\$0	\$0	\$0	\$0
Sub-Total Enterprise*	\$2,925,000	\$3,241,500	\$840,000	\$245,000	\$789,000	\$8,040,500
<i>General Rev.</i>	\$2,925,000	\$3,141,500	\$840,000	\$245,000	\$789,000	\$7,940,500
<i>Grants & Aid</i>	\$0	\$100,000	\$0	\$0	\$0	\$100,000
<i>Debt</i>	\$0	\$0	\$0	\$0	\$0	\$0
Sub-Total Non-Enterprise	\$21,920,742	\$4,220,000	\$4,730,000	\$2,480,000	\$24,610,000	\$57,960,742
<i>General Rev.</i>	\$3,121,200	\$1,720,000	\$1,410,000	\$1,850,000	\$4,940,000	\$13,041,200
<i>Grants & Aid</i>	\$4,392,542	\$1,900,000	\$470,000	\$630,000	\$12,850,000	\$20,242,542
<i>Debt</i>	\$14,407,000	\$600,000	\$2,850,000	\$0	\$6,820,000	\$24,677,000
GRAND TOTAL	\$24,845,742	\$7,461,500	\$5,570,000	\$2,725,000	\$25,399,000	\$66,001,242
<i>General Rev.</i>	\$6,046,200	\$4,861,500	\$2,250,000	\$2,095,000	\$5,729,000	\$20,981,700
<i>Grants & Aid</i>	\$4,392,542	\$2,000,000	\$470,000	\$630,000	\$12,850,000	\$20,342,542
<i>Debt</i>	\$14,407,000	\$600,000	\$2,850,000	\$0	\$6,820,000	\$24,677,000

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 \$5.6 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 \$1.2 Million. It is anticipated, however that due to potentially elevated pollutant levels in the boat basin portion of the Milton Harbor and 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 potentially 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 completed this year. This CIP identifies a number of new DPW building projects or updated price estimates as identified in the Disbrow Park plan.

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. A number of the projects identified in this CIP are the result of the completion of sewer studies related to on-going litigation with Save the Sound and/or NYSDEC consent orders. The implementation of these projects is dependent on the City's successfully resolving those pending legal matters.

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

Section III:

Project Worksheets

Building Projects:

Project Name:	Annual Building Improvement Program
Project Type:	Building
Department:	Multi
Project Priority:	Moderate
Project Start Date:	2019
Project End Date:	2023+

Project Description:

This annual program supports the on-going repair and maintenance needs required for City buildings. Funding for this program is supported by general revenues from the City’s annual budget.

Estimated Project Costs:

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

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:

	2019	2020	2021	2022	2023+	Total
General Revenue:	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Grants& Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

Project Need/Issues:

Project Name:	Police/Court Building Improvements
Project Type:	Building
Department:	Police
Project Priority:	Urgent
Project Start Date:	2019
Project End Date:	2020

Project Description:

The Office of Court Administration (OCA) has identified needed upgrades to the Rye City Court in a 2010 Report. The project includes construction of new secured sally port, elevators, 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	\$2.8 M
Construction Inspect./Other	\$200,000
Total	\$3.0 M

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:

	2019	2020	2021	2022	2023+	Total
General Revenue:	\$0	\$0	\$0	\$0	\$0	\$0
Grants & Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$3.0 M	\$0	\$0	\$0	\$0	\$3.0 M

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 funded final design and authorized staff to work with the OCA 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 has secured conceptual approval of the proposed plans from OCA that fulfills their requirements and has developed updated preliminary construction cost estimates. Those cost estimates have increased from previous estimates to approximately \$3.0 M. Funding is anticipated from debt. OCA may provide some subsidy towards the interest payments on that debt.



Project Name:	Police Department Building Upgrades
Project Type:	Building and Grounds
Department:	Police
Project Priority:	Moderate
Project Start Date:	2023
Project End Date:	2023

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
Total	\$0

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$125,000	\$125,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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. This work would occur after the Police/Court renovation project. . This cost estimate is from 2016.

Operating Cost Considerations:

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

Project Name:	Police Department Evidence Room
Project Type:	Building
Department:	Police
Project Priority:	High
Project Start Date:	2023
Project End Date:	2023

Project Description:

Overhaul evidence rooms and upgrade systems.

Estimated Project Costs:

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$10,000
Construction	\$65,000
Construction Inspection	\$0
Total	\$75,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$75,000	\$75,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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. This cost estimate is from 2015.

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:	Police/Court Roof Repairs
Project Type:	Building
Department:	Police
Project Priority:	High
Project Start Date:	2023
Project End Date:	2023

Project Description:

Under take repairs of the existing three roofs at the Police/Court Building.

Estimated Project Costs:

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

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$40,000	\$40,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

Project Need/Issues:

In 2018 the City commissioned a report to evaluate the condition of the existing three roofs at the Police/Court Building. The report shows that the existing roof has 2.5 to 5.5 years of remaining life. It states that the remaining life could be extended by 6 to 10.5 years with an estimated \$33,000 in repairs. Full roof replacement would cost an estimated \$120,000. If asbestos abatement is required costs could be expected to increase by 5%-10%.

Operating Cost Considerations:

Roof repair would cost-effectively extend the life of the roof. A roof replacement would provide greater energy efficiency benefits and eliminate the need for future repairs.

Project Name:	Police Storage Building At Disbrow Park
Project Type:	Building
Department:	Police
Project Priority:	Moderate
Project Start Date:	2023
Project End Date:	2023

Project Description:

This project involves the demolition and construction of a new Police Storage Building. The existing building was determined as part of the 2018 Disbrow Park Master Plan study to be so deteriorated that removal was recommended as opposed to repair. Relocating the building closer to the public works yard as shown on the Disbrow Park plan will consolidate storage operations and provide greater opportunities for recreational use.

Estimated Project Costs:

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$590,000
Construction Inspect./Other	\$0
Total	\$590,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	\$0
Grants & Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$590,000	\$590,000

Project Need/Issues:

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. The 2018 conceptual cost estimate is between \$152,000-\$590,000 and varies depending on the potential presence of environmental concerns.

Operating Cost Considerations:

Operating and maintenance costs would be minimal.



Project Name:	City Hall Improvements
Project Type:	Building
Department:	Public Works
Project Priority:	High
Project Start Date:	2019
Project End Date:	2020

Project Description:

The 2018 Budget included \$100,000 in funding to complete the design of the City Hall Improvements. Design is currently underway. 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	\$100,000
Construction	\$900,000
Construction Inspect./Other	\$0
Total	\$1,000,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	\$0
Grants & Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000

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:	City Hall TV Studio
Project Type:	Building
Department:	Rye TV
Project Priority:	Low
Project Start Date:	2023
Project End Date:	2023

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
Total	\$850,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$200,000	\$200,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$650,000	\$650,000
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	DPW Salt Shed Replacement
Project Type:	Building
Department:	Public Works
Project Priority:	High
Project Start Date:	2019
Project End Date:	2019

Project Description:

The project involves the replacement of the existing salt shed, which is nearing the end of its useful life. City staff is currently working with a consultant to identify the preferred location for the new salt shed. Costs range up to \$750,000 depending on location. The potential location of the new salt shed is consistent with the recommendations of the 2018 Disbrow Park Master Plan, however due to cost restrictions the new salt shed may need to be located in the same location as the existing salt shed.

Estimated Project Costs:

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

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	\$0
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$650,000	\$0	\$0	\$0	\$0	\$650,000

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.

Operating Cost Considerations:

Reduced costs to maintain building.



Project Name:	DPW Fuel Tank Replacement
Project Type:	Building
Department:	Public Works
Project Priority:	High
Project Start Date:	2019
Project End Date:	2019

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
Total	\$250,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	DPW Building 5 Replacement
Project Type:	Building
Department:	Public Works
Project Priority:	High
Project Start Date:	2019
Project End Date:	2021

Project Description:

Replacement of DPW Garage Building 5 in Disbrow Park with a new garage building and a second floor to accommodate administrative functions.

Estimated Project Costs:

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$4.5 M
Construction Inspect./Other	\$0
Total	\$4.5 M

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	\$0
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$4.5 M	\$0	\$0	\$0	\$0	\$4.5 M

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 analysis from the 2018 Disbrow Park Master Plan it appears that the condition of the building is worse than previous assessments and needs to be replaced. City staff is currently working with a consultant to determine the feasibility of adding a full or partial second floor to house administrative public works functions. DPW buildings are old are well past their useful life to accommodate the needs of equipment and public works staff.

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:	DPW Incinerator Building Removal
Project Type:	Building
Department:	Public Works
Project Priority:	Moderate
Project Start Date:	2023
Project End Date:	2023

Project Description:

The project involves the removal of the former incinerator facility located at public works.

Estimated Project Costs:

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$1.6M
Construction Inspect./Other	\$0
Total	\$1.6 M

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	\$0
Grants and Aid:	\$0	\$0	\$0	\$0	\$1.6 M	\$1.6 M
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

Project Need/Issues:

This deteriorating building will require removal has no re-use potential. It is suspected of having hazardous materials and soil that will require remediation. There is no known source of funds for this project, though it may be eligible for grant funding. The cost estimate for the removal is from the 2018 Disbrow Park Master Plan.

Operating Cost Considerations:

The existing building is a liability in its current condition. There will be no operating costs after its removal.



Project Name:	DPW Building 7 Improvements
Project Type:	Building
Department:	Public Works
Project Priority:	High
Project Start Date:	2019
Project End Date:	2019

Project Description:

This project involves roof and building repairs to the 9-bay garage building known as Building 7 at DPW.

Estimated Project Costs:

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

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

Project Need/Issues:

This building was identified in the 2018 Disbrow Park Plan in need of repairs to protect DPW vehicles and other resources from the elements. Repairs include a new roof and other interior improvements.

Operating Cost Considerations:

There will be no operating cost implications. Deferral of this project could result in continued building deterioration and other more expensive repairs.



Project Name:	Firehouse Improvements
Project Type:	Building
Department:	Public Works
Project Priority:	Low
Project Start Date:	2023
Project End Date:	2023

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
Total	\$100,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$100,000	\$100,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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. Cost estimated is from 2012.



Drainage/ Flooding Projects:

Project Name:	Annual Drainage Improvement Program
Project Type:	Drainage/Flooding
Department:	Engineering
Project Priority:	High
Project Start Date:	2019
Project End Date:	2023+

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
Total	\$250,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	Bowman Avenue Dam Sluice Gate Modifications
Project Type:	Drainage/Flooding
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2019
Project End Date:	2020

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	\$260,000
Construction	\$548,000
DASNY Fee	\$230,000
Total	\$1.038 M

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	\$0
Grants and Aid:	\$1.038 M	\$0	\$0	\$0	\$0	\$1.038 M
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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 being funded from a New York Rising/CBDG-DR Grant. The project is being overseen by DASNY.

Operating Cost Considerations:

There will be additional operational and maintenance costs for the new stream gauges and monitoring equipment.

Project Name:	Bowman Avenue Dam Upper Pond Resizing
Project Type:	Drainage/Flooding
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2023+
Project End Date:	2023+

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
Total	\$8.5 M

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	\$0
Grants and Aid:	\$0	\$0	\$0	\$0	\$8.5M	\$8.5M
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	Milton Road Drain
Project Type:	Drainage/Flooding
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2019
Project End Date:	2020

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	\$484,599
Construction	\$126,143
DASNY Fee	\$185,000
Total	\$795,742

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	\$0
Grants and Aid:	\$795,742	\$0	\$0	\$0	\$0	\$795,742
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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 being funded from a New York Rising/CBDG-DR Grant. The project is being overseen by DASNY.

Operating Cost Considerations:

No significant operational cost increases are anticipated.

Project Name:	Forest Avenue to Stonycrest Road Drain
Project Type:	Drainage/Flooding
Department:	Engineering
Project Priority:	Low
Project Start Date:	2022
Project End Date:	2023

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 (2022). Preliminary construction cost of \$350,000 will vary depending on final design (2023). Project must coordinate with Forest Avenue paving project and Forest Avenue Pedestrian Improvements. This project and its cost estimate is more than ten years old.

Estimated Project Costs:

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

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$35,000	\$0	\$35,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$350,000	\$350,000
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	Red Maple Swamp Study
Project Type:	Drainage/Flooding
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2023
Project End Date:	2023

Project Description:

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

Estimated Project Costs:

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

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$25,000	\$25,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	Colby Avenue Drainage
Project Type:	Drainage/Flooding
Department:	Engineering
Project Priority:	Low
Project Start Date:	2023
Project End Date:	2023

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
Total	\$120,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues	\$0	\$0	\$0	\$0	\$120,000	\$120,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	Ellsworth Street Drainage
Project Type:	Drainage/Flooding
Department:	Engineering
Project Priority:	Low
Project Start Date:	2023
Project End Date:	2023

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
Total	\$90,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues	\$0	\$0	\$0	\$0	\$90,000	\$90,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	Martin Road Drainage
Project Type:	Drainage/Flooding
Department:	Engineering
Project Priority:	Low
Project Start Date:	2022
Project End Date:	2022

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
Total	\$50,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$50,000	\$0	\$50,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	Nature Center Streambank Restoration
Project Type:	Drainage/Flooding
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2021
Project End Date:	2022

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
Total	\$150,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	\$0
Grants and Aid:	\$0	\$0	\$50,000	\$100,000	\$0	\$150,000
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	Annual Sewer Improvement Program
Project Type:	Sewer
Department:	Engineering
Project Priority:	High
Project Start Date:	2019
Project End Date:	2023

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
Total	\$250,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	Stuyvesant Avenue Pump Station Pump Replacement
Project Type:	Sewer
Department:	Engineering
Project Priority:	High
Project Start Date:	2019
Project End Date:	2020

Project Description:

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

Estimated Project Costs:

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

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	\$0
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$150,000	\$0	\$0	\$0	\$0	\$150,000

Project Need/Issues:

Pumps are nearing the end of their useful life.

Operating Cost Considerations:

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

Project Name:	Locust Avenue Sewer Siphon Replacement
Project Type:	Sewer
Department:	Engineering
Project Priority:	Urgent
Project Start Date:	2019
Project End Date:	2019

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	\$100,000
Construction	\$310,000
Construction Inspect./Other	\$0
Total	\$410,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$160,000*	\$0	\$0	\$0	\$0	\$160,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt (2012 Bond):	\$250,000**	\$0	\$0	\$0	\$0	\$250,000

* Currently Funded.

** Debt was authorized in 2012 public bond referendum.

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. Even though this project is currently funded, the City has or will be applying for two grants, which if granted could fund up to 75% of the project cost.

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:	Pump Station Automation (SCADA System)
Project Type:	Sewer
Department:	Engineering
Project Priority:	High
Project Start Date:	2019 (ongoing)
Project End Date:	2022

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
Total	\$260,000

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:

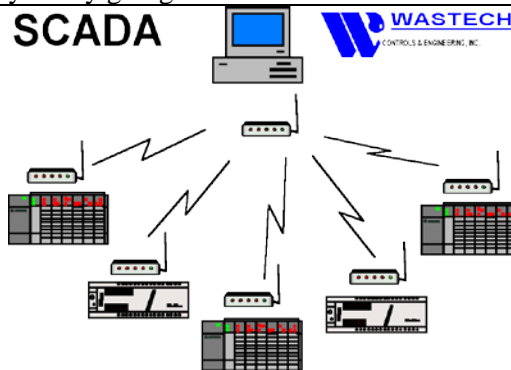
	2019	2020	2021	2022	2023+	Total
General Revenues:	\$30,000	\$60,000	\$60,000	\$60,000	\$60,000	\$260,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	Central Avenue Pump Station
Project Type:	Sewer
Department:	Engineering
Project Priority:	Urgent
Project Start Date:	2019 (<i>Pending Litigation Settlement</i>)
Project End Date:	2020

Project Description:

The project involves installing a new sewer pump station and approximately 660 linear feet of new 4-inch diameter force main on an approximately 0.34-acre City-owned property located at the intersection of Central and Clinton Avenues. The construction of a new pump station will allow for the abandonment of an existing failed sewer line that extends under Interstate 95. The proposed action will require the transfer of sewerage from the Blind Brook to the Mamaroneck Valley Sewer District.

Estimated Project Costs:

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$150,000
Construction	\$850,000
Construction Inspect./Other	\$0
Total	\$1,000,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	\$0
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000

Project Need/Issues:

The failing sewer line was discovered in the Spring of 2018. Currently, a temporary pump has been installed costing the City \$10,000/month to operate in order to maintain sewer flows. This project is currently in design and is among the most urgent of all capital projects as the City faces consent orders from the NYSDEC and legal pressures from Save the Sound. The construction of a new pump station will result in increased operational costs, but will forever eliminate trying to access and maintain sewer infrastructure the runs under I-95. The City has or will be applying for two grants, which if granted could fund up to 75% of the project cost. The implementation of this project is dependent on the City successfully reaching a settlement with NYSDEC and/or Save the Sound regarding pending consent orders and litigation.

Operating Cost Considerations:

Increased operational and maintenance costs for the new pump station.

Project Name:	Midland Avenue Sewer Replacement
Project Type:	Sewer
Department:	Engineering
Project Priority:	Urgent
Project Start Date:	2019 (<i>Pending Litigation Settlement</i>)
Project End Date:	2020

Project Description:

The project is recommended in the recently completed SSES and involves the replacement of 500 linear feet of 10-inch sanitary sewer along Midland Avenue at the intersection of Grace Church Street and Manursing Avenue. The project would reduce or eliminate inflow or infiltration of water into the sewer line. This project is subject to

Estimated Project Costs:

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$77,000
Construction	\$383,000
Construction Inspect./Other	\$0
Total	\$460,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	\$0
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$460,000	\$0	\$0	\$0	\$0	\$460,000

Project Need/Issues:

In June 2018, the City of Rye completed a Sewer System Evaluation Survey (SSES) with the goal of locating areas of the system that are in need of rehabilitation and systematic investigations. The study included the preparation of a system map, flow monitoring, manhole inspections, smoke testing, and the identification of corrective actions to meet the obligations of a NYSDEC Consent Order. This project was identified in the SSES and involves the replacement of 500 linear feet of 10-inch sanitary sewer along Midland Avenue at the intersection of Grace Church Street and Manursing Avenue. The City has or will be applying for two grants, which if granted could fund up to 75% of the project cost. The implementation of this project is dependent on the City successfully reaching a settlement with NYSDEC and/or Save the Sound regarding pending consent orders and litigation.

Operating Cost Considerations:

The new line should reduce maintenance cost and advance compliance with NYSDEC Consent Orders thereby avoiding financial penalties.

Project Name:	Highland Road Sewer Lining
Project Type:	Sewer
Department:	Engineering
Project Priority:	Urgent
Project Start Date:	2019 (<i>Pending Litigation Settlement</i>)
Project End Date:	2020

Project Description:

The project is recommended in the recently completed SSES and involves the lining of 350 feet of existing sewer located in Highland Road. The project would reduce or eliminate inflow or infiltration of water into the sewer line.

Estimated Project Costs:

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$11,000
Construction	\$54,000
Construction Inspect./Other	\$0
Total	\$70,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	\$0
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$70,000	\$0	\$0	\$0	\$0	\$70,000

Project Need/Issues:

In June 2018, the City of Rye completed a Sewer System Evaluation Survey (SSES) with the goal of locating areas of the system that are in need of rehabilitation and systematic investigations. The study included the preparation of a system map, flow monitoring, manhole inspections, smoke testing, and the identification of corrective actions to meet the obligations of a NYSDEC Consent Order. This project was identified in the SSES and involves the lining of 350 feet of existing sewer located in Highland Road. The City has or will be applying for two grants, which if granted could fund up to 75% of the project cost. The implementation of this project is dependent on the City successfully reaching a settlement with NYSDEC and/or Save the Sound regarding pending consent orders and litigation.

Operating Cost Considerations:

The new line should reduce maintenance cost and advance compliance with NYSDEC Consent Orders thereby avoiding financial penalties.

Project Name:	Brevoort Lane Sewer Pump Station
Project Type:	Sewer
Department:	Engineering
Project Priority:	Urgent
Project Start Date:	2019
Project End Date:	2020

Project Description:

The project is recommended in the recently completed SSES and involves the replacement of an 8-inch sewer main and the existing force main from the Brevoort Lane Pump Station. The project would reduce or eliminate inflow or infiltration of water into the sewer line. This project is currently funded from general revenue

Estimated Project Costs:

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$110,000
Construction	\$550,000
Construction Inspect./Other	\$0
Total	\$660,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$100,000*	\$0	\$0	\$0	\$0	\$100,000*
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$360,000	\$0	\$0	\$0	\$0	\$360,000

* Currently funded.

Project Need/Issues:

In June 2018, the City of Rye completed a Sewer System Evaluation Survey (SSES) with the goal of locating areas of the system that are in need of rehabilitation and systematic investigations. The study included the preparation of a system map, flow monitoring, manhole inspections, smoke testing, and the identification of corrective actions to meet the obligations of a NYSDEC Consent Order. This project was identified in the SSES and involves the replacement of an 8-inch sewer main and the existing force main from the Brevoort Lane Pump Station. Even though this project is currently funded, the City has or will be applying for two grants, which if granted could fund up to 75% of the project cost.

Operating Cost Considerations:

The new line should reduce maintenance cost and advance compliance with NYSDEC Consent Orders thereby avoiding financial penalties.

Project Name:	Dearborn Avenue Pump Station Pump Replacement
Project Type:	Sewer
Department:	Engineering
Project Priority:	High
Project Start Date:	2019
Project End Date:	2019

Project Description:

The project would replace pumps at Dearborn Avenue, as they are close to the end of their useful life. This project is currently funded.

Estimated Project Costs:

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

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

* *Currently Funded.*

Project Need/Issues:

Pumps are nearing the end of their useful life. This project is currently funded.

Operating Cost Considerations:

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

Project Name:	SSES Implementation Phase III
Project Type:	Sewer
Department:	Engineering
Project Priority:	Urgent
Project Start Date:	2019 (<i>Pending Litigation Settlement</i>)
Project End Date:	2020

Project Description:

Phases I and II of the Sanitary Sewer Evaluation Survey (SSES) have been completed. Phase III is currently underway. The projects have not been identified, but a rough estimate of \$2 Million has been assumed for planning purposes.

Estimated Project Costs:

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$2,000,000
Construction Inspect./Other	\$0
Total	\$2,000,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	\$0
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$2,000,000	\$0	\$0	\$2,000,000

Project Need/Issues:

In June 2018, the City of Rye completed a Sewer System Evaluation Survey (SSES) with the goal of locating areas of the system that are in need of rehabilitation and systematic investigations. Phases I and III have been completed and the project identified in the CIP. Phase III is underway. The projects have not yet been identified but a rough estimate of \$2 Million has been assumed for planning purposes. The implementation of this project is dependent on the City successfully reaching a settlement with NYSDEC and/or Save the Sound regarding pending consent orders and litigation.

Operating Cost Considerations:

The repaired lines and manholes should reduce maintenance cost and advance compliance with NYSDEC Consent Orders thereby avoiding financial penalties.

Project Name:	Sewer and Manhole Repairs and Lining
Project Type:	Sewer
Department:	Engineering
Project Priority:	Urgent
Project Start Date:	2019 (<i>Pending Litigation Settlement</i>)
Project End Date:	2020

Project Description:

The project is recommended in the recently completed SSES and involves the repair and/or lining of priority sewer lines and manholes as identified in the SSES. These targeted improvements would reduce or eliminate inflow or infiltration of water into the sewer line.

Estimated Project Costs:

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$2,767,000
Construction Inspect./Other	\$0
Total	\$2,767,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	\$0
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$2,767,000	\$0	\$0	\$0	\$0	\$2,767,000

Project Need/Issues:

In June 2018, the City of Rye completed a Sewer System Evaluation Survey (SSES) with the goal of locating areas of the system that are in need of rehabilitation and systematic investigations. The study included the preparation of a system map, flow monitoring, manhole inspections, smoke testing, and the identification of corrective actions to meet the obligations of a NYSDEC Consent Order. This project was identified in the SSES involves the repair and/or lining of priority sewer lines (\$2,012,000) and manholes (\$755,000) as identified in the SSES. The City has or will be applying for two grants, which if granted could fund up to 75% of the project cost. The implementation of this project is dependent on the City successfully reaching a settlement with NYSDEC and/or Save the Sound regarding pending consent orders and litigation.

Operating Cost Considerations:

The repaired lines and manholes should reduce maintenance cost and advance compliance with NYSDEC Consent Orders thereby avoiding financial penalties.

Transportation Projects:

Project Name:	Annual Pedestrian Improvement Program
Project Type:	Transportation
Department:	Engineering
Project Priority:	High
Project Start Date:	2019
Project End Date:	2023

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
Total	\$450,000

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:

	2019	2020	2021	2022	2023+	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:	Annual Street Improvement Program
Project Type:	Transportation
Department:	Engineering
Project Priority:	High
Project Start Date:	2019
Project End Date:	2023

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
Total	\$6.72 M

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$1.0 M	\$1.0 M	\$1.0 M	\$1.0 M	\$1.0 M	\$5.0 M
Grants & Aid (CHIPS):	\$344,000	\$344,000	\$344,000	\$344,000	\$344,000	\$1.72 M
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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 2023. 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:	Annual Traffic Signal and Safety Program
Project Type:	Transportation
Department:	Engineering
Project Priority:	High
Project Start Date:	2019
Project End Date:	2023

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
Total	\$500,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	Boston Post Road Retaining Wall
Project Type:	Transportation
Department:	Engineering
Project Priority:	Urgent
Project Start Date:	2019
Project End Date:	2019

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	\$280,000
Construction Inspection	\$0
Total	\$330,000

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:	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	\$0
Private Contribution:	\$330,000	\$0	\$0	\$0	\$0	\$330,000
Debt (2012 Bond):	\$0	\$0	\$0	\$0	\$0	\$0

Project Need/Issues:

The City has completed preliminary wall design alternatives for public discussion. The City is conducting a more detailed survey and property ownership evaluation of the compromised portions of the existing wall. Deterioration of the wall has accelerated over the past year.

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:	Theodore Fremd/Blind Brook Retaining Wall
Project Type:	Transportation
Department:	Engineering
Project Priority:	Urgent
Project Start Date:	2010 (Currently in design)
Project End Date:	2020

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
Total	\$1,400,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Grants and Aid:	\$1,300,000	\$0	\$0	\$0	\$0	\$1,300,000
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	Purchase Street Roundabout
Project Type:	Transportation
Department:	Engineering
Project Priority:	Low
Project Start Date:	2023
Project End Date:	2023

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
Total	\$500,000

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:

	2019	2020	2021	2022	2023+	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:

A July 2007 feasibility report prepared by BFJ 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. It is noted that the cost estimate is from the original 2007 BFJ study and has not been adjusted for construction inflation.

Operating Cost Considerations:

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



Project Name:	CBD - Purchase Street Reconstruction
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 Elm Place and W. Purdy Avenue and between Locust Avenue and Boston Post Road. Other functional and aesthetic improvements as noted in the 2009 CBD Planning and Streetscape Study will also be considered as part of the on-going design.

Estimated Project Costs:

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

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	\$0	\$850,000
Debt:	\$0	\$0	\$850,000	\$0	\$0	\$0

Project Need/Issues:

This project would essentially finish the Purchase Street streetscape. These improvements are currently in design, which will include updated preliminary construction cost estimates. The project would rebuild the street, curbs and sidewalks where necessary between the Locust Avenue intersection (completed in 2011) and Boston Post Road. The second phase of design would include street and sidewalk improvements between Elm Place (completed in 2017) and W. Purdy Avenue. This project does not include the area between W. Purdy and the Theodore Fremd/Purdy/Purchase intersection, which is a separate project (see: *Purchase/Fremd & Purdy Intersection Improvement*), but part of the unified streetscape design. Purchase Street in these sections has a low PCI pavement score under the City’s pavement management system and requires improvements.

Operating Cost Considerations:

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

Project Name:	Purchase/Fremd & Purdy Intersection Improvement
Project Type:	Transportation – Traffic Control
Department:	Engineering
Project Priority:	High
Project Start Date:	2020
Project End Date:	2020

Project Description:

Replacement of traffic signals to meet NYSDOT requirements and adding a turning lane on Theodore Fremd Avenue to reduce intersection delays. Project design (including updated cost estimates) was funded in the 2018 Budget and is currently underway.

Estimated Project Costs:

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$600,000
Construction Inspection	\$0
Total	\$600,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	\$0
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$600,000	\$0	\$0	\$0	\$600,000

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 considered, but not included as part of the 2012 Bond Referendum and the City was not awarded a NYSDOT grant for this project. The 2018 Budget funded \$100,000 towards the design and preparation of updated cost estimates based on an actual detailed design.

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:	Locust Avenue Bridge
Project Type:	Transportation
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2020
Project End Date:	2020

Project Description:

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

Estimated Project Costs:

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$80,000
Construction	\$1,630,000
Construction Inspect./Other	\$0
Total	\$1,710,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$80,000	\$0	\$0	\$0	\$0	\$0
Grants and Aid:	\$0	\$1.630 M	\$0	\$0	\$0	\$1.630 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:	Orchard Avenue Bridge Rehabilitation
Project Type:	Transportation
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2020
Project End Date:	2020

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
Total	\$200,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenue	\$0	\$0	\$0	\$0	\$0	\$0
Grants and Aid:	\$0	\$200,000	\$0	\$0	\$0	\$200,000
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	MTA Parking Lot Improvements
Project Type:	Transportation
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2021
Project End Date:	2022

Project Description:

The proposed project would repave the parking lot, add sidewalks, lighting, drainage, landscaping and other vehicle and pedestrian safety measures.

Estimated Project Costs:

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

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:

	2019	2020	2021	2022	2023+	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. Three years ago 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 or a different revenue sharing agreement with the MTA.



Project Name:	CBD – School/Purdy Parking Lot (Car Park 5)
Project Type:	Transportation
Department:	Engineering
Project Priority:	High
Project Start Date:	2022
Project End Date:	2022

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
Total	\$650,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	\$0
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$650,000	\$0	\$650,000

Project Need/Issues:

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

Operating Cost Considerations:

Varies depending on final design and use.



Project Name:	Police Department Parking Lot
Project Type:	Police Building and Grounds
Department:	Police
Project Priority:	Moderate
Project Start Date:	2021
Project End Date:	2021

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
Total	\$0

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$75,000	\$0	\$0	\$75,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	Forest Avenue Pedestrian Improvements
Project Type:	Transportation
Department:	Engineering
Project Priority:	High
Project Start Date:	2019
Project End Date:	2020

Project Description:

Implementation of a sidewalk on Forest Avenue between Apawamis Avenue and Manursing Avenue, consistent with the *Forest Avenue Pedestrian Improvement Study*.

Estimated Project Costs:

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$150,000
Construction	\$1,850,000
Construction Inspect./Other	\$0
Total	\$2,000,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	\$0
Grants and Aid:	\$0	\$1,478,800	\$0	\$0	\$0	\$1,478,800
Debt:	\$0	\$521,200	\$0	\$0	\$0	\$521,200

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 Manursing 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. Last year (2017) the City was unsuccessful in obtaining a TAP grant. This year the project (e.g. a 4-foot wide asphalt sidewalk on alternating sides of Forest Avenue) and a new grant application was submitted. The City is awaiting a response. The grant would fund 80% of the project cost and require a \$369,700 match from the City for the approximately \$1.85 M project. There is also an additional \$150,000 in design costs. It is assumed that these costs would be funded from debt. This project is a higher priority because 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.

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:	5 Points Intersection Improvements
Project Type:	Transportation
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2019
Project End Date:	2019

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
Total	\$250,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	\$0
Grants and Aid:	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	Osborn Road Area Study & Improvements
Project Type:	Transportation
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2019
Project End Date:	2019

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
Total	\$150,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	\$0
Grants and Aid:	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	Nature Center Road
Project Type:	Transportation
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2020
Project End Date:	2021

Project Description:

This project involves the construction of a new roadway to the Rye Nature Center from Boston Post Road. This project is currently being evaluated by DASNY for possible grant funding. The final cost estimate will likely be adjusted based on their evaluation.

Estimated Project Costs:

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

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	\$0
Grants and Aid:	\$0	\$200,000	\$0	\$0	\$0	\$200,000
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

Project Need/Issues:

The new roadway would allow for a new access to the Nature Center that will avoid a bridge crossing over Blind Brook. The proposed location would be approximately 350 feet south of the current bridge crossing. This bridge is more than 100 years old and has a weight limit restricting access to certain size vehicles. DASNY is reviewing this bridge for possible grant funding.

Operating Cost Considerations:

The City would incur future road maintenance costs for the new road, but would reduce the cost of repair or \$1.1 Million reconstruction cost for replacing the Rye Nature Center bridge.

Project Name:	Boston Post Road/Parsons Street Roundabout
Project Type:	Transportation
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2021
Project End Date:	2022

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 or proposed 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
Total	\$1,400,000

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:

	2019	2020	2021	2022	2023+	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

Operating Cost Considerations:

Project will not affect operating costs.

Project Name:	Boston Post Road/Old Post Road Traffic Signal Replacement
Project Type:	Transportation
Department:	Engineering
Project Priority:	Moderate
Project Start Date:	2021
Project End Date:	2022

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
Total	\$200,000

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:

	2019	2020	2021	2022	2023+	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	\$0

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:	CBD – Car Park Improvement & Deck Feasibility Study
Project Type:	Transportation
Department:	Engineering
Project Priority:	High
Project Start Date:	2019
Project End Date:	2019

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
Total	\$75,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$75,000	\$0	\$0	\$0	\$0	\$75,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	Damiano Center HVAC
Project Type:	Recreation
Department:	Recreation
Project Priority:	Urgent
Project Start Date:	2019
Project End Date:	2019

Project Description:

The current HVAC system is undersized, does not work in the main offices, and is more than 20 years old. This project is to be funded from existing funds. Implementation is anticipated in 2019.

Estimated Project Costs:

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$5,000
Construction	\$35,000
Construction Inspection	\$0
Total	\$40,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$40,000	\$0	\$0	\$0	\$0	\$40,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	Damiano Center Building Improvements
Project Type:	Recreation
Department:	Recreation
Project Priority:	High
Project Start Date:	2019
Project End Date:	2023

Project Description:

This project includes a series of repairs and improvements at Damiano Center that would be phased in over the course of several years.

Estimated Project Costs:

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$30,000
Construction	\$170,000
Construction Inspection	\$0
Total	\$200,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues*:	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$200,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

* Approximately \$80,000 of this project was funded in the 2009 Budget.

Project Need/Issues:

- **Roof Replacement:** 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.
- **Floor Replacement:** The floors in the lower level multi-purpose room and lounge need replacement.
- **Door Replacement:** The front doors and all other “older” doors because they do not have panic bar exits.
- **Patio Replacement:** The rear exit to the patio has fallen, making the step out of the room non-compliant. The patio would be rebuilt to the appropriate height.
- **Painting:** Paint the exterior of the Damiano Center and Maintenance Garage; paint the interior of the Damiano Center.
- **Electrical Upgrades:** Upgrade electric panels, outlets in Damiano Recreation Center and address the electric short at the lower picnic shelter.
- **Kitchenette:** A kitchenette including cabinets and a sink would be provided in the Girl Scout room to allow for storage and clean-up of crafts.

Operating Cost Considerations:

Operating costs would be reduced due to less maintenance.

Project Name:	Recreation Park Tennis Court Lighting Improvement
Project Type:	Recreation
Department:	Recreation
Project Priority:	Moderate
Project Start Date:	2020
Project End Date:	2022

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
Total	\$440,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$160,000	\$160,000	\$120,000	\$0	\$440,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

Project Need/Issues:

Replacement for efficiency and cost saving measures. Existing tennis lighting is over 25 years old. 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:	Recreation Park Tennis Court Replacement
Project Type:	Recreation
Department:	Recreation
Project Priority:	High
Project Start Date:	2019
Project End Date:	2019

Project Description:

Replacement of tennis courts #7 & 8 at Recreation Park.

Estimated Project Costs:

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$20,000
Construction	\$160,000
Construction Inspection	\$0
Total	\$180,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$180,000	\$0	\$0	\$0	\$0	\$180,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	Recreation Park Upper Picnic Shelter Replacement
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
Total	\$90,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$90,000	\$0	\$0	\$0	\$90,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

Project Need/Issues:

The Upper Picnic Shelter is showing signs of age and deterioration. Repairs were done in 2013, but 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:	Recreation Park Basketball Repainting
Project Type:	Recreation
Department:	Recreation
Project Priority:	Moderate
Project Start Date:	2019
Project End Date:	2019

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
Total	\$20,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$20,000	\$0	\$0	\$0	\$0	\$20,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	Recreation Park Maintenance Garage Expansion
Project Type:	Recreation
Department:	Recreation
Project Priority:	Moderate
Project Start Date:	2021
Project End Date:	2022

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	\$75,000
Construction	\$150,000
Construction Inspect./Other	\$0
Total	\$225,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenue:	\$0	\$0	\$75,000	\$150,000	\$0	\$225,000
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:	Recreation Park Parking Lot and Service Road Resurfacing
Project Type:	Recreation
Department:	Recreation
Project Priority:	High
Project Start Date:	2019
Project End Date:	2019

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
Total	\$45,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$45,000	\$0	\$0	\$0	\$0	\$45,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	Playground Improvements
Project Type:	Recreation
Department:	Recreation
Project Priority:	High
Project Start Date:	2019
Project End Date:	2019

Project Description:

This project would involve resurfacing the playgrounds at Recreation Park and Gagliardo Park and the installation of 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
Total	\$200,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	Nursery Field Rehabilitation and Drainage
Project Type:	Recreation
Department:	Recreation
Project Priority:	High
Project Start Date:	2020
Project End Date:	2020

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	\$700,000
Construction Inspection	\$0
Total	\$750,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	\$750,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$750,000	\$0	\$0	\$0	\$0

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. Using natural turf, the cost would be approximately \$750,000. For approximately \$1.2M, the field could be changed from grass to artificial turf. Partial funding for this project could come from accumulated revenues from the recreation field surcharge, which as of August 2018 has a balance of approximately \$188,000.

Operating Cost Considerations:

Operating costs would be reduced due to less maintenance.

Project Name:	Recreation Security System Upgrade
Project Type:	Recreation
Department:	Recreation
Project Priority:	Moderate
Project Start Date:	2020
Project End Date:	2020

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
Total	\$25,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$25,000	\$0	\$0	\$0	\$25,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	Recreation Facility Generators
Project Type:	Recreation
Department:	Recreation
Project Priority:	Moderate
Project Start Date:	2021
Project End Date:	2021

Project Description:

This project would provide for generators at the maintenance garage and at least one recreation building.

Estimated Project Costs:

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$85,000
Construction Inspection	\$0
Total	\$85,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$85,000	\$0	\$0	\$85,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

Project Need/Issues:

None of the recreation facilities have a generator. A generator is necessary at the maintenance garage so work can still be done in case of a power outage during a storm, and so that employees who are required to be there have heat and the ability to work the large garage door bays. For the recreation building, it would allow the building to remain open as a warming center during a power outage.

Operating Cost Considerations:

Project Name:	Irrigation Upgrades
Project Type:	Recreation
Department:	Recreation
Project Priority:	Moderate
Project Start Date:	2020
Project End Date:	2020

Project Description:

The project proposes to replace and enhance the irrigation system throughout the park system and comply with current code requirements.

Estimated Project Costs:

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$10,000
Construction	\$50,000
Construction Inspection	\$0
Total	\$60,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$60,000	\$0	\$0	\$0	\$60,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

Project Need/Issues:

Irrigation upgrades and necessary addition of reduced pressure zones (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 per current code 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 in the evening or early morning outside of prime business hours, which are more efficient times to water the grounds.

Project Name:	Sterling Field Improvements
Project Type:	Recreation
Department:	Recreation
Project Priority:	Moderate
Project Start Date:	2021
Project End Date:	2021

Project Description:

The project would install synthetic turf at Sterling Field located at Disbrow Park as identified in the 2018 Disbrow Park Master Plan.

Estimated Project Costs:

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$100,000
Construction	\$1,8 M
Construction Inspection	\$0
Total	\$1.9M

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	\$0
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$1,900,000	\$0	\$0	\$0

Project Need/Issues:

The existing grass field has limited playability due to poor soil, drainage and grass conditions. These conditions are challenged by the clay lining under the field, which serves as a cap of this former trash incinerator ash disposal area. Synthetic turf is considered the most cost-effective and practical field solution for this location.

Operating Cost Considerations:

Less maintenance of existing grass field.



Rye Golf Club
Enterprise Fund

Project Name:	RGC Whitby Castle Window Project
Project Type:	Recreation/Enterprise Fund
Department:	Golf Club
Project Priority:	Moderate
Project Start Date:	2023
Project End Date:	2023

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
Total	\$675,000

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:

	2019	2020	2021	2022	2023+	Total
Enterprise Reserve Fund:	\$0	\$0	\$0	\$0	\$675,000	\$675,000
Grants & Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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. This need is currently being met with annual maintenance to extend window life.

Operating Cost Considerations:

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

Project Name:	RGC Whitby Castle Basement Support
Project Type:	Recreation/Enterprise Fund
Department:	Rye Golf Club
Project Priority:	Moderate
Project Start Date:	2020
Project End Date:	2020

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
Total	\$25,000

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:

	2019	2020	2021	2022	2023+	Total
Enterprise Reserve Fund:	\$0	\$25,000	\$0	\$0	\$0	\$25,000
Grants & Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	RGC Half Way House & 1st Tee Buildings
Project Type:	Recreation
Department:	Rye Golf Club
Project Priority:	Moderate
Project Start Date:	Fall 2020
Project End Date:	Spring 2021

Project Description:

In 2017 the club began a planning process to design new practice infrastructure for the first tee area, new workspace for the golf course starter staff, and new infrastructure for our snack-bar and restrooms at the half-way point of the golf course. With this plan in place, the club will build this infrastructure.

Estimated Project Costs:

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$15,000
Construction	\$600,000
Construction Inspection	\$5,000
Total	\$620,000

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:

	2019	2020	2021	2022	2023	Total
Enterprise Reserve Fund:	\$0	\$0	\$620,000	\$0	\$0	\$620,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

Project Need/Issues:

Currently, the members of the Rye Golf Club do not have a Half way house that meets the standards of the Westchester County Department of Health and as such, the service that is able to be provided is extremely limited. The membership has expressed significant interest in conducting an architectural assessment of how the club can introduce a full service half way house. Additionally the “practice bays” at the 1st tee do not match the aesthetic improvements of the club putting the club at a competitive disadvantage. Additionally, the current structure used for the starter-staff was meant to be temporary and needs to be replaced with a permanent structure that can provide an appropriate workstation in all weather. The club embarked on a master plan guided by a design firm for this work and is now preparing to move forward with this plan.

Operating Cost Considerations:

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

Project Name:	RGC/Whitby HVAC Repair/Replacement
Project Type:	Recreation/Enterprise Fund
Department:	Rye Golf Club
Project Priority:	Moderate
Project Start Date:	2019
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
Total	\$55,000

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:

	2019	2020	2021	2022	2023+	Total
Enterprise Reserve Fund:	\$5,000	\$30,000	\$10,000	\$5,000	\$5,000	\$55,000
Grants & Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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 HVAV engineer to provide an overall assessment of the HVAC system.

Operating Cost Considerations:

Potential for cost reductions based upon increased energy efficiency.

Project Name:	RGC Pool Mechanical Repair & Replacement
Project Type:	Recreation/Enterprise Fund
Department:	Rye Golf Club
Project Priority:	Moderate
Project Start Date:	2019
Project End Date:	2023

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
Total	\$50,000

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:

	2019	2020	2021	2022	2023+	Total
Enterprise Reserve Fund:	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Grants & Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	RGC Pool Resurfacing
Project Type:	Recreation/Enterprise Fund
Department:	Rye Golf Club
Project Priority:	Moderate
Project Start Date:	2019
Project End Date:	2020

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	\$775,000
Construction Inspection	\$0
Total	\$775,000

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:

	2019	2020	2021	2022	2023+	Total
Enterprise Reserve Fund:	\$0	\$775,000	\$0	\$0	\$0	\$775,000
Grants & Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	RGC Course Irrigation Improvements
Project Type:	Recreation
Department:	Golf Club
Project Priority:	High
Project Start Date:	2019
Project End Date:	2023

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
Total	\$2.615 M

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:

	2019	2020	2021	2022	2023+	Total
Enterprise Reserve Fund:	\$650,000	\$0	TBD	\$TBD	\$TBD	\$2.615 M
Grants & Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$2.1 M	\$0	\$0	\$0	\$0

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: **Golf Club Landscape Improvements**

Project Type: Recreation
 Department: Golf Club
 Project Priority: Moderate
 Project Start Date: 2019
 Project End Date: 2019

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, 1st tee area, 11th tee area, 18th 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
Total	\$0

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:

	2019	2020	2021	2022	2023+	Total
Enterprise Reserve Fund:	\$40,000	\$0	\$0	\$0	\$0	\$40,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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.

Project Name:	Renovation of Children’s Pool Area
Project Type:	Recreation
Department:	Rye Golf Club
Project Priority:	High Priority
Project Start Date:	Fall 2019
Project End Date:	Spring 2020

Project Description:

Replace the children’s pool, associated pool mechanics, and install an accessible ramp and accessible features at playground.

Estimated Project Costs:

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$15,000
Construction	\$550,000
Construction Inspection	\$5,000
Total	\$570,000

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:

	2019	2020	2021	2022	2023	Total
Enterprise Reserve Fund:	\$0	\$570,000	\$0	\$0	\$0	\$570,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

Project Need/Issues:

In 2017-2018 the club embarked on a pool facility master plan and infrastructure assessment. One of the results of this planning was that the children’s pool structure is requiring more and more annual maintenance and repair after the winter frost-thaw cycle and increased foundation settling. Eventually, the winter damage may damage the structural integrity of the pool beyond repair. Additionally, the current children’s pool is not handicap accessible. Replacing the pool with a modern wading pool inclusive of a zero-entry area will provide additional 20 to 50 years of useful life expectancy.

Operating Cost Considerations:

The installation of modern pool mechanical systems may provide operating efficiencies.

Boat Basin

Enterprise Fund

Project Name:	Milton Harbor Federal Channel Dredging
Project Type:	Recreation/Enterprise Fund
Department:	Boat Basin
Project Priority:	High
Project Start Date:	2019
Project End Date:	2023

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	\$1.2 M
Construction Inspection	\$0
Total	\$1.2 M

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:

	2019	2020	2021	2022	2023+	Total
Boat Basin Enterprise Fund:	\$1.2 M	\$0	\$0	\$0	\$0	\$1.2 M
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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. *If this site is not available due to the level of contamination in the City's dredge material costs could approach \$5.0 M for 25,000 c.y. removal of dredge material.* There is currently \$1,053,000 in the Boat Basin reserve fund. The City's consultant is awaiting a permitting response from the Army Corps of Engineers.

Operating Cost Considerations:

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



Project Name:	Boat Basin Generator
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, including our own floating dock system. 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	\$45,000
Construction Inspection	\$0
Total	\$45,000

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:	2019	2020	2021	2022	2023+	Total
Enterprise Reserve Funds:	\$45,000	\$0	\$0	\$0	\$0	\$45,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

Project Need/Issues:

Minimum 30KW Kohler generator

Operating Cost Considerations:

Some increase in energy costs to run generator.

Project Name:	Boat Basin Work Shed
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
Total	\$30,000

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:

	2019	2020	2021	2022	2023+	Total
Enterprise Reserve Funds:	\$0	\$0	\$0	\$30,000	\$0	\$30,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	Boat Basin Dam Water Supply
Project Type:	Water Supply on Dam
Department:	Boat Basin
Project Priority:	Low
Project Start Date:	2023
Project End Date:	2023

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
Total	\$21,500

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:

	2019	2020	2021	2022	2023+	Total
Enterprise Reserve Funds:	\$0	\$0	\$0	\$0	\$21,500	\$21,500
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	Boat Basin Parking Lot
Project Type:	Parking Lot
Department:	Boat Basin
Project Priority:	Low
Project Start Date:	2023
Project End Date:	2023

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	\$50,000
Construction Inspection	\$0
Total	\$42,500

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:

	2019	2020	2021	2022	2023+	Total
Enterprise Reserve Funds:	\$0	\$0	\$0	\$0	\$52,500	\$52,500
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

Project Need/Issues:

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

Operating Cost Considerations:

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

Project Name:	Boat Basin Float Replacement
Project Type:	Floats
Department:	Boat Basin
Project Priority:	Moderate
Project Start Date:	2019
Project End Date:	2022

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	\$800,000
Construction Inspection	\$0
Total	\$800,000

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:

	2019	2020	2021	2022	2023+	Total
Enterprise Reserve Funds:	\$200,000	\$200,000	\$200,000	\$200,000	\$0	\$800,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	Boat Basin Main Gazebo Repair or Replacement
Project Type:	Gazebo Repair/Replacement
Department:	Boat Basin
Project Priority:	Moderate to High
Project Start Date:	2020
Project End Date:	2020

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
Total	\$68,500

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:

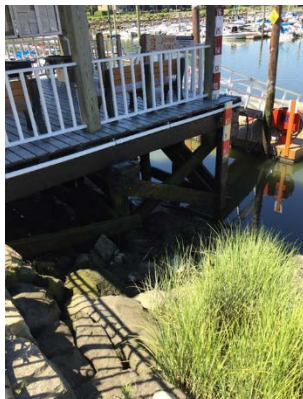
	2019	2020	2021	2022	2023+	Total
Enterprise Reserve Funds:	\$0	\$68,500	\$0	\$0	\$0	\$68,500
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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 that is also handicap accessible.

Operating Cost Considerations:

Once project is complete, there should be minor operating costs for many years.



Project Name:	Boat Basin Launch Ramp Extension
Project Type:	Ramp Extension Replacement
Department:	Boat Basin
Project Priority:	High
Project Start Date:	2020
Project End Date:	2020

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
Total	\$120,000

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:

	2019	2020	2021	2022	2023+	Total
Enterprise Reserve Funds:	\$0	\$20,000	\$0	\$0	\$0	\$20,000
Grants and Aid:	\$0	\$100,000	\$0	\$0	\$0	\$100,000
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	Boat Basin Workboat
Project Type:	Boat Basin Workboat Replacement
Department:	Boat Basin
Project Priority:	High
Project Start Date:	2020
Project End Date:	2020

Project Description:

Replacement of the workboat which has been removed from service. We are currently using a donated boat to operate.

Estimated Project Costs:

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$3,000
Construction	\$0
Construction Inspection	\$60,000
Total	\$63,000

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:

	2019	2020	2021	2022	2023	Total
General Revenues:	\$0	\$63,000	\$0	\$0	\$0	\$63,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

Project Need/Issues:

The Boat Basin is currently using a donated boat for moving floats and boats around the basin. We are now managing the mooring field and will need to replace the current boat with a boat more suitable for the work operations.

Operating Cost Considerations:

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

Project Name:	Boat Basin Trailers
Project Type:	Boat Basin Trailers
Department:	Boat basin
Project Priority:	Moderate
Project Start Date:	2020
Project End Date:	2020

Project Description:

The Boat Basin Commission is discussing the possibility of taking over the back lot operations and the need for trailers to do the hauling and launching will be needed. The Basin would get 2 hydraulic trailers to facilitate the process.

Estimated Project Costs:

Legal/Survey/Due Diligence	\$0
Site Acquisition	\$0
Engineering/Design	\$0
Construction	\$0
Construction Inspection	\$0
Total	\$80,000

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:

	2019	2020	2021	2022	2023	Total
General Revenues:	\$0	\$80,000	\$0	\$0	\$0	\$80,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

Project Need/Issues:

The Boat Basin Commission is discussing the need to generate more money and control of the facility. They are looking to be able to raise more money for the escalating costs of doing business and ultimately help pay for the dredging. They would purchase 2 hydraulic trailers to be able to service the hauling and launching needs of the slip holders

Operating Cost Considerations:

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

Project Name:	Police Vehicle Mobile Video Recorders and Body Cameras
Project Type:	Police Technology
Department:	Police
Project Priority:	High
Project Start Date:	2020
Project End Date:	2020

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
Total	\$125,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$125,000	\$0	\$0	\$0	\$125,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	2019
Project End Date:	2019

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
Total	\$100,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	Fire Department Radio Upgrades
Project Type:	Public Safety
Department:	Fire
Project Priority:	High
Project Start Date:	2019
Project End Date:	2019

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
Total	\$100,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$100,000	\$0	\$0	\$0	\$0	\$100,000

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:	Fire Boat
Project Type:	Public Safety
Department:	Fire
Project Priority:	Moderate
Project Start Date:	2019
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
Total	\$250,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$250,000	\$0	\$0	\$0	\$250,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	Command Vehicles Replacement
Project Type:	Public Safety
Department:	Fire
Project Priority:	Urgent
Project Start Date:	2019
Project End Date:	2022

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
Total	\$135,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$60,000	\$0	\$0	\$75,000	\$0	\$135,000
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$0	\$0	\$0	\$0	\$0

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:	Fire Engine Replacement
Project Type:	Public Safety
Department:	Fire
Project Priority:	High
Project Start Date:	2019
Project End Date:	2019

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
Total	\$645,000

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:

	2019	2020	2021	2022	2023+	Total
General Revenues:	\$0	\$0	\$0	\$0	\$0	\$0
Grants and Aid:	\$0	\$0	\$0	\$0	\$0	\$0
Debt:	\$0	\$645,000	\$0	\$0	\$0	\$645,000

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.

