

CITY OF CHELSEA
CAPITAL IMPROVEMENT PROGRAM
FY 2015 – 2019



JAY ASH
CITY MANAGER

FEBRUARY 2014



Jay Ash
City Manager

CITY OF CHELSEA

Executive Office
City Hall, Room #302, 500 Broadway
Chelsea, Massachusetts 02150
Telephone (617) 466-4100 / Fax (617) 466-4105
Email: jash@chelseama.gov



February 3, 2014

To the Honorable City Council and Other Stakeholders of Chelsea:

I am pleased to share the attached five-year capital improvement plan for the period FY'15-'19. This filing complies with the City Charter mandate and will be augmented by a bounded submission with additional supporting information later in February.

In making this filing, I first wish to congratulate the City Council for continuing to work with the Administration to ensure that we remain fiscally able to plan for and carry out an annual CIP. Not all communities have the financial and managerial capabilities to continually upgrade capital, but, like so many actions we take in City government to promote professional and effective municipal operations, we continue to meet and exceed the expectations we and others have for the conduct of City oversight.

Specifics regarding each of the projects to be included in the FY'15 portion of the CIP are found in the attached pages. Potential out-year projects are listed with current cost assumptions. To start with, this transmittal communication is divided into sections to allow it to better inform readers of important commentary contained within it.

FY'15-'19 CIP COSTS

The FY'15 CIP calls for \$4.2m in spending from a variety of sources, including \$400k from the operating budget and \$942k from Free Cash. The FY'15 spending plan is consistent with the City's efforts to utilize more pay-as-you go options, through the operating budget or Free Cash, to fund capital needs, especially on smaller projects. Overall, the FY'15-'19 CIP programs \$60.7m in spending, an amount in excess of what may be judged to be affordable and, therefore, approved. The FY'15 plan represents the City's nineteenth straight year at undertaking a comprehensive review of the City's infrastructure and putting into place a thoughtful plan to undertake needed updates while maintaining a watchful eye on how capital spending allocations impact future budgets.

GENERAL CIP PHILOSOPHY

Those projects provided for in this CIP do continue the tradition of supporting economic development initiatives, the revitalization of neighborhoods, the enhancement of quality of life issues and the desire to meet high municipal service delivery goals. Projects included in this CIP have been planned, and will be carried out, to have a positive impact on public safety, public convenience, public health and/or legal mandates prioritized and/or imposed upon the City.

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Most importantly, and under constant review, this CIP again allows for the City to invest in its capital while not overburdening the City's financial health. In particular, with non-school local aid remaining well below historic highs and other sources of revenues barely covering anticipated increases in costs, this CIP continues to be responsive to the City's overall need to balance budgets and remain at relatively low debt levels.

In fact, efforts are being made through the funding piece of this CIP to reduce the impact the various projects could have on debt service levels. This CIP purposefully relies on one-time revenues to pay for the one-time expenses of *all*, non-water and sewer projects. The City is attempting to make regular financial commitments to capital spending out of existing funding, thereby avoiding future interest costs. That makes projects more affordable, allows for City capital funding to stretch farther, and provides the City with the financial flexibility to ratchet down spending in lean years. The results continue to allow debt levels to reduce, and the amount spent on annual interest charges to reduce with it. Obviously, that means that more money can be spent on more capital or other operational needs, instead of on interest payments.

More specifically, the FY'15 spending plan requires no General Obligation bonding. The City will continue to try to limit general borrowing to \$500k or less annually, and will commit that borrowing to projects that have a long life expectancy. This is the second year that the City is reducing the GO bonding to zero. Additionally, the City is continuing to fund water and sewer upgrades, but borrowing at lower levels to reduce the impacts of debt service on user charges.

The combined operating budget and Free Cash projects totaling \$1.34m are pay-as-you-go projects (which excludes smaller capital projects that will also be funded in the upcoming operating budget). Again, the theory is instead of making a regular debt service payment, which includes both principle and interest, the City should strive to avoid the interest charges by setting an annual amount to be spent out of Free Cash and/or operating funds. This CIP adheres to that philosophy. In differing years, the higher or lower levels of Free Cash available will impact the overall amount to be spent on the CIP's pay-as-you-go component. Either way, it remains critical that the City be able to maintain a sound replacement program that makes annual expenditures affordable and helps the City avoid the need for major emergency capital needs.

AN IMPORTANT NOTE ABOUT THE OUT-YEARS

The CIP process is as much a planning process as it is a method of directing annual investment. What has emerged over the last several years is that there are several large capital expenditures that will require some amount of bonding to undertake. With the recent pay-as-you-go strategy in place, the City has been driving down debt levels. Those debt levels continue to be below acceptable standards, thus providing the City with some options to fund bigger projects and still maintain the financial integrity of the City's budget.

Major projects on the horizon include the replacement of drainage in the Produce Center area, the reconstruction of Broadway, the reconstruction or relocation of the City Yard, the replacement of the Clark Avenue School and the acquisition of fire apparatus. Having identified those needs in advance through the CIP process, the City's capital spending team is focused on financing strategies for what could be up to \$50m in projects. Among the financial options being considered

include the use of Free Cash; bonding, through GO or Enterprise sources, and application for Federal and State programs that provide financial assistance. Other, more creative options are also being explored, including dedicating revenue streams from new economic development to capital funding, utilizing mitigation funding should such be received from a casino being located on the City's border, and regionalizing services or locations for services. No doubt, a combination of those techniques and, perhaps, others will be necessary to undertake the projects and limited the financial impact such large spending requirements would otherwise have on other areas of need, including general operations in the City's departments.

Among important financial considerations going forward is the sense of the amount of financial commitment the City needs to make in order to keep up with capital needs. Again and therefore, efforts are made to program debt, both on the operational budget and in the area of water and sewer spending, so as to understand the impact that spending today can have on the City's financial flexibility tomorrow. As it is currently constituted, the City's spending plan through FY'19 is consistent with the City's financial forecasting and plans for balancing overall budgets during the period. However, the financial stability is only possible by projecting limited spending in other budget program areas, like head-count, salaries and other employee-related costs, which combine to command a significant amount of the City's general spending.

Of course, paying for out-years projects can be less exact. Grant programs come and go, so it is anything but an exact science in projecting with certainty how some projects will be funded. What is for sure, though, is that there are hundreds of millions of dollars of capital needs out there, so the City's financial team needs and is taking notice of the financial strains such spending can place on the overall City budget.

In general, the years of CIPs have contained out-year projects which are more illustrative of the need and less scheduled in their implementation. Each subsequent year, some projects are advanced from illustrative to actual, while others are left on future projections or dropped all together. The FY'16-'19 list, therefore, should provide some insight into the projects that are identified today as being important over the next five years. However, a major water main break here or a shot engine there could easily create new priorities in the out-years. Additionally, reductions in revenues or higher cost in non-capital areas could also reduce the resources available to undertake some projects.

THE FY'15 CIP, AND SCHOOL SPENDING

Twenty-seven (27) projects totaling \$4,199,000 are proposed to be funded through the FY'15 CIP. Those will be undertaken beginning July 1st and will be in addition to ongoing projects being funded outside of the CIP, including infrastructure work supporting the urban renewal district. Again, the Council deserves a great deal of credit for providing City government the ability to invest such sums in our community.

Those 27 projects are in the areas of Equipment Acquisitions, Open Space, Public Buildings, Public Safety, Surface Enhancements and Utility Enhancements. Prior to discussing these areas specifically, I wish to highlight the first significant appearance of spending on the capital needs of our schools.

Our "new" schools are not so new now, having opened in 1996 and thereafter. Coming up on 20 years of age, the schools need more than preventative maintenance. \$700k is being funded as its first-of-its-kind appropriation to address replacement needs to maintain the functionality of the school buildings, and another \$1m will be in the operating budget for FY'15. In some sense, the City has been fortunate to not have been required to spend much on school capital needs since the new schools opened. However, going forward, regular capital spending, in addition to a major capital requirement to replace the Clark Avenue School, will be the norm. This will obviously have an impact on the City's ability to fund other projects and on general spending priorities.

Schools included, the City will fund projects in the aforementioned categories:

Utility Enhancements: The 6 projects in this category, funded for \$1.4m, are particularly noteworthy because this category is typically the source of the City's greatest spending, and, yet, because much of the work is underground, it typically contains projects which the public does not see and may only think of if the projects were not done and the utilities then fail. Of the 6 projects to be undertaken in this category, several are engineering or design efforts to prepare for larger projects in the out-years. In addition to those, the City continues design work on a massive Broadway project which will be undertaken in two to three years, depending on the availability of funding. What should be noted from this category is that the number of locations where flooding typically happens has been greatly reduced, the City has avoid fines that neighboring communities have incurred as a result of ignoring storm water needs, and, perhaps most importantly, the reliability of the utility system means that breaks and resulting disruptions are infrequent and reducing.

Surface Enhancements is another category with high levels of spending. In the past, the City has undertaken projects like around Powderhorn Hill and Washington Avenue, spending more than \$6m on each. As noted, Broadway is up for a major project in the near future, at a cost of maybe as much as \$10m. In FY'15, there are 3 more modest proposed Surface Enhancements projects at a total cost of \$983,000. However, in the out-years, significant projects are looming, including Shurtleff Street, Bellingham and Market Street. Additionally, the City continues to commit a significant amount of spending to sidewalk repairs.

Regarding the remaining categories, there are 18 projects accounting for the City continues to spend on technology, update vehicle fleets, renovate public buildings, including schools, and support parks and open spaces. On the latter, the City has been recognized for its investment in renovating existing and especially creating new parks. By one account, the City has created the second most number of new parks in the state over the last 15 years, a tremendous achievement given the city's small size and build-out history. Another new park will go under construction in FY'14 to add to that list. For FY'15, the City anticipates updating an existing park and exploring at least one additional opportunity to create new open space.

SPECIFYING CONCERNS

Back to the out-years, and with an eye to more specificity, several issues exist that should capture the attention of the City's leadership. First, from a process side, the CIP reporting continues to

evolve. Ideally, each CIP year would become a self-contained episode, with a beginning and an end that is clearly explained out and closed out. We continue to work on a process that accomplishes our goal of providing a final perspective on each year's activity.

Second, the annual CIP does not always contain every capital project proposed for a particular year. Thus, the Administration is working towards a year-end reporting that reflects all capital projects approved during the year. This is typical for park projects, for example, because the grant cycle through the State's PARC program does not align with the submission requirements of this document.

From the process to the substance, the third note may be more of a concern in that numerous major roadway and subsurface reconstruction needs still exist. Presently and as noted, the reconstruction of Broadway looms out there as a potential \$10m project. It is the City's intention to line that project up for State funding, however, the process to do so is anything but easy to navigate or sure in its outcome. In fact, it is becoming less likely that Broadway will qualify for State funding, as State and Federal funding supporting local infrastructure is dwindling and the demand, because of inadequate municipal funding, is rising. In total, the major roadway reconstructions that are outstanding may exceed the ability of the City to financially afford without a separate stream of revenue. It is therefore incumbent upon future CIP planners and those who watch over them to consider such.

Fourth, several other more expensive projects are also in need of attention, including, most notably, provisions for a new City Yard which could cost on the magnitude of \$5 million or more. Also, as stated, the City's new schools are not so new anymore. The City is in the process of considering determining whether to rehabilitate or reconstruct the Clark Avenue School (the former CHS). That project will command at least \$10m, and likely more than \$15m. City Hall, meanwhile, requires several million dollars of continuing maintenance. Also lingering is a need to provide capital support for the Northeast Regional Vocational School, whose district includes Chelsea and whose financial needs, therefore, will have an impact on local capital spending. In summary, public buildings are in need of significant investment and the planning as to how to afford that investment, and what sacrifices are needed to be made to do so, is being planned-out. Planned-out, should not be considered as "without impact," as the City's financial flexibility is likely to be severely constrained by such capital requirements.

Lastly, major infrastructure improvements are required in the area of the Produce Center and to support economic development efforts elsewhere. Regarding the Produce Center, the responsibility for aging infrastructure there is not clear, but the need is. More than \$20m could be spent on reconstructing Beacham Street and repairing utilities in that area. While the City has proven an ability to promote greater development, aging and inadequate infrastructure must be addressed to support such opportunity. In particular, the general Everett Avenue area could also use \$20m or more in utility and roadway upgrades. Some are quick to point out that developers should bear that burden, but that is a perspective that is more appropriate for projects in major cities, like Boston. Frankly, development margins are so thin in Chelsea that the City is often providing tax relief to help balance otherwise unbalanced pro-formas. Until the day arrives that projects are more financially lucrative, or that more grant money becomes available, the City may bear a larger share of infrastructure costs for widening roadways and improving underground

utilities. That burden is often paid off after years of increased property taxes achieved from those projects, but those increased property taxes are also sought as sources of revenue to pay for other increases in spending elsewhere in the City budget. Fortunately, State grants through the MassWorks program is contributing millions to the greater Everett Avenue reconstruction.

In the perfect world, especially these issues of substance could be quantified and programmed. In this less than perfect world, though, it is important to be conscious of those matters, but not paralyzed by them. Raising them in this forum is an appropriate way to continue to ensure that City government is open to the issues confronting it, whether the news is good or not.

CONCLUSION

In presenting the attached, I do so being very mindful that the work of both the City Administration and City Council are again reflected in this CIP. The combine financial stewardship is allowing us to make a continuing investment in our community through this, the eighteenth such CIP. Congratulations and thank you for your role in making that possible. I am also quite proud of the team of City professionals who assembled this plan and regularly stress over the very issues described above. Lastly, I must also thank Chelsea's numerous other stakeholders for their contributions to this plan. Input received from many quarters is factored into the decision making that supports this plan. We are all fortunate to have such a process and product!

Respectfully submitted,

A handwritten signature in cursive script that reads "Jay Ash". The signature is written in dark ink and is positioned above the printed name and title.

Jay Ash
City Manager

CISCO SWITCH REPLACEMENT

Equipment Acquisition



ADMINISTRATION CONTACT

Ramon Garcia
Director of IT
500 Broadway
Chelsea, MA 02150
(617) 466-4125
rgarcia@chelseama.gov

Description City of Chelsea Network Core Redesign and Network Equipment Replacement

Justification Each City Building's technology is connected via Cisco Switches for phone and data services. The switches have been in service since before 2006 and are end of life from a support perspective from the vendor. The redesign, purchase and replacement will introduce new technology that will allow the City to have redundant equipment in case of failure. We will be adding additional capacity and redundancy that translate in more reliable and available services to the community.

Impact Provide Network Redundancy across multiple locations at the City. The Network Core supports the City's telephony and data system, which requires uptimes of 24x7 with 99.9% availability. Currently the City is vulnerable to have a major outage as there is no redundant equipment as well as end-of-life equipment. In case of failure, the City will loose all the telephone lines including public safety departments such as 911, Police and Fire Departments.

Operating Budget	\$0.00	MWRA Grants	\$0.00
Free Cash	\$200,000.00	MWRA Loans	\$0.00
GO Bonds	\$0.00	Water Bonds	\$0.00
Chapter 90	\$0.00	Sewer Bonds	\$0.00
Other Grants	\$0.00	Cost	\$200,000.00



DESKTOP REPLACEMENT

Equipment Acquisition



ADMINISTRATION CONTACT

Ramon Garcia
Director of IT
500 Broadway
Chelsea, MA 02150
(617) 466-4125
rgarcia@chelseama.gov

Description

Rotation of Desktops

Justification

Strategic replacement of employee desktops with a environmental friendly desktops is a vital part of every large network phase out. With the new ECO friendly desktops these devices can support 90% of the City user community. These units are smaller, faster and consume less power than common desktops. They are more cost efficient as their initial cost is less than common desktops. We are contemplating to use these cost efficient desktops in combination with normal desktops for departments that require the use of specialized applications.

Desktops are used in our every day operations, and their expected current end of life is 3-4 years. The current plan is to balance these replacements, swapping out a few desktops every year. This prevents these necessary replacements from overtaxing the city in terms of finances and manpower. To maintain the 24/7 99.8% uptime operation it is critical to keep the Desktop hardware and software as current as possible. These replacement desktops are for the Fire, Police, City hall and the Senior Center staff.

Impact

Continued 99.8% uptime, desktops are a vital part of the various city processes. Several departments rely in office automation to provide services to the community. Without having a desktop replacement program, the City will be vulnerable to service disruptions caused by obsolete-non-functional equipment.

Operating Budget

\$35,000.00

MWRA Grants

\$0.00

Free Cash

\$0.00

MWRA Loans

\$0.00

GO Bonds

\$0.00

Water Bonds

\$0.00

Chapter 90

\$0.00

Sewer Bonds

\$0.00

Other Grants

\$0.00

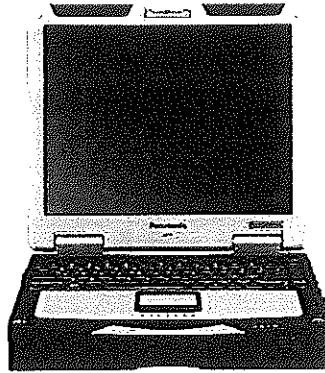
Cost

\$35,000.00



POLICE CRUISER COMPUTER REPLACE

Equipment Acquisition



ADMINISTRATION CONTACT

Ramon Garcia
Director of IT (CIO)
500 Broadway
Chelsea, MA 02150
(617) 466-4125
rgarcia@chelseama.gov

Description Chelsea Police Cruiser Laptop Replacement Program (4 year)

Justification Strategic replacement of Police Cruiser Computers is a vital part of every large network phase out every 3-4 years. These computers are used in our every day operations, and their expected end of life is 3-4 years. The current plan is to balance these replacements. With the addition of three new cruisers, the Information Technology Department will be adding and swapping out a total of six units for the next Fiscal Year.

To maintain the 24/7, 99.8% uptime operation it is critical to keep the computer hardware and software as current as possible. Part of this purchase and maintenance is to add additional units to the new additional cruisers and replace existent units before they approach end of life, before they create problems that will impact network operations such as E911, Email or Police/Fire Operations.

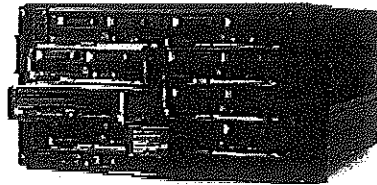
Impact Continued 99.8% uptime

Operating Budget	\$30,000.00	MWRA Grants	\$0.00
Free Cash	\$0.00	MWRA Loans	\$0.00
GO Bonds	\$0.00	Water Bonds	\$0.00
Chapter 90	\$0.00	Sewer Bonds	\$0.00
Other Grants	\$0.00	Cost	\$30,000.00



SERVER REPLACEMENT

Equipment Acquisition



ADMINISTRATION CONTACT

Ramon Garcia
Director of IT
500 Broadway
Chelsea, MA 02150
(617) 466-4125
rgarcia@chelseama.gov

Description

3-Year rotation of servers

Justification

Strategic replacement of critical system servers is a vital part of every large network phase out every 3-4 years. Servers are running all the time without days off, and their expected end of life is 3-4 years. The current plan is to balance these replacements, swapping out a few servers every 2-3 years. This prevents these necessary replacements from overtaxing the city in terms of finances and manpower.

To maintain the 24/7 99.8% uptime operation it is critical to keep the server hardware and software as current as possible. Part of this maintenance is replacing the units when they approach end of life, before they create problems that will impact network operations such as E911, Email or Police/Fire Operations.

Impact

continued 99.8 uptime

Operating Budget

\$50,000.00

MWRA Grants

\$0.00

Free Cash

\$0.00

MWRA Loans

\$0.00

GO Bonds

\$0.00

Water Bonds

\$0.00

Chapter 90

\$0.00

Sewer Bonds

\$0.00

Other Grants

\$0.00

Cost

\$50,000.00

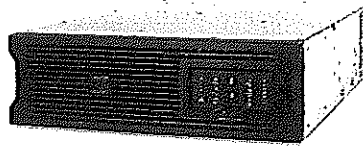


UNINTERRUPTABLE POWER SUPPLY

Equipment Acquisition

ADMINISTRATION CONTACT

Allan Alpert
Director EOC
500 Broadway
Chelsea, MA 02150
(000) 000-0000



Description

The Emergency Operations and Communications Center houses the 911 Dispatch Center and Emergency Management Operations. The Center requires a new Uninterruptible Power Supply Unit (UPS) unit to sustain a short term power supply to electronic communication equipment during power failures.

Justification

The current UPS (Uninterruptible Power Supply) is more than 15 years old. It was purchased when 911 was located in the police station and designed only to serve 6 computers in dispatch. Over the past ten years, the Emergency Operations and Communications Center has grown to meet technology needs and the dispatch unit operates 8 computers and 16 monitors, and an additional 4 computers and 4 monitors for the city camera's and IMC. There are an additional 4 computers for EOC operations as well as two additional computer and multiple radio systems which integrate with our homeland security region. It is vital that we sustain power to electronic communications equipment during the period electricity is lost to the facility and the time the generator is operational (and with no damaging power surge).

The current UPS does not have the capacity to maintain power during an interruption and does not provide any surge protection. There is at a minimum, five hundred thousand dollars (\$500,000.00) of electronic equipment used to operate this facility, the most crucial in the community where a five second loss of power could create a life safety issue.

Impact

Sustaining a power supply to electronic communication equipment (computers) during power failures at the EOC ensures uninterrupted communication service in the 911 Dispatch Center, as well as the city radio system used to communicate to and among the 911 telecommunicators, and Police and Fire Department personnel.

Operating Budget	<input type="text" value="\$0.00"/>	MWRA Grants	<input type="text" value="\$0.00"/>
Free Cash	<input type="text" value="\$40,000.00"/>	MWRA Loans	<input type="text" value="\$0.00"/>
GO Bonds	<input type="text" value="\$0.00"/>	Water Bonds	<input type="text" value="\$0.00"/>
Chapter 90	<input type="text" value="\$0.00"/>	Sewer Bonds	<input type="text" value="\$0.00"/>
Other Grants	<input type="text" value="\$0.00"/>	Cost	<input type="text" value="\$40,000.00"/>



REPLACEMENT BODY- AERIAL TRUCK

Equipment Acquisition



ADMINISTRATION CONTACT

Joe Foti
Director
500 Broadway
Chelsea, MA 02150
(617) 466-4200
jfoti@chelseama.gov

Description

Replacement of the utility truck body for the existing aerial bucket truck.

Justification

The existing aerial bucket truck is 17 years old with 35,000 miles. The truck is in good shape and the lift was recently repaired. However, the utility body is in need of major repairs. This would replace the existing body with a box body.

Impact

Extend the life of the existing truck and allow for more efficient operations.

Operating Budget

\$0.00

MWRA Grants

\$0.00

Free Cash

\$15,000.00

MWRA Loans

\$0.00

GO Bonds

\$0.00

Water Bonds

\$0.00

Chapter 90

\$0.00

Sewer Bonds

\$0.00

Other Grants

\$0.00

Cost

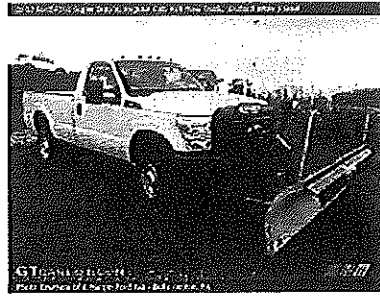
\$15,000.00



1 PICK-UP TRUCK WITH PLOW & SANDER

ADMINISTRATION CONTACT

Equipment Acquisition



Joe Foti
Director
500 Broadway
Chelsea, MA 02150
(617) 466-4200
jfoti@chelseama.gov

Description

Medium Duty truck for general DPW use and snow fighting operations during winter storms.

Justification

Replacement of a like vehicle which is 14 years old.

Impact

Increase of fleet reliability and decrease in repair costs.

Operating Budget

\$0.00

MWRA Grants

\$0.00

Free Cash

\$49,000.00

MWRA Loans

\$0.00

GO Bonds

\$0.00

Water Bonds

\$0.00

Chapter 90

Sewer Bonds

\$0.00

Other Grants

\$0.00

Cost

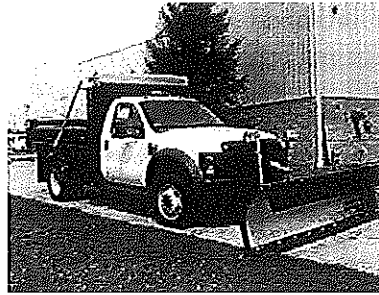
\$49,000.00



2 DUMP TRUCKS WITH PLOW & SANDER

ADMINISTRATION CONTACT

Equipment Acquisition



Joe Foti
Director
500 Broadway
Chelsea, MA 02150
(617) 466-4200
jfoti@chelseama.gov

Description Super Duty Chassis dump body trucks for general DPW use and snow fighting operations during winter months.

Justification Replacement of 2 vehicles ranging from 10 - 15 years old.

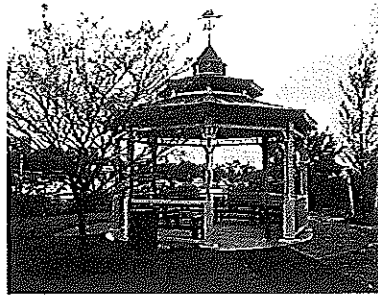
Impact Increase in fleet reliability and reduce cost of repairs to vehicles..

Operating Budget	\$0.00	MWRA Grants	\$0.00
Free Cash	\$150,000.00	MWRA Loans	\$0.00
GO Bonds	\$0.00	Water Bonds	\$0.00
Chapter 90	\$0.00	Sewer Bonds	\$0.00
Other Grants	\$0.00	Cost	\$150,000.00



ANNUAL CITY PARK PROJECT

Parks and Open Space



ADMINISTRATION CONTACT

John DePriest
Director of Planning & De
500 Broadway, Chelsea
Chelsea, MA 02150
(617) 466-4182
jdepriest@chelseama.gov

Description Acquisition, development, and renovation of parkland.

Justification Open space and play demand continues to change and increase, and the City's open space and recreation facilities continue to age. The need to provide active recreation to improve the general health of the population has become extremely important to the City's residents. It is important to address these issues by providing opportunities to renovate existing parks and playgrounds. Our work on acquisition and renovation of parks is generally funded through State grants, which reimburse the City up to 70% of the cost of acquisition, development, or renovation. The requested funds are to provide the City with funds to apply toward the State grant matches for design and construction.

Impact Improve access to and quality of open space for City residents. Provide new or enhanced recreational opportunities for Chelsea residents. Provide public investment to spur private investment.

Operating Budget	\$0.00	MWRA Grants	\$0.00
Free Cash	\$170,000.00	MWRA Loans	\$0.00
GO Bonds	\$0.00	Water Bonds	\$0.00
Chapter 90	\$0.00	Sewer Bonds	\$0.00
Other Grants	\$0.00	Cost	\$170,000.00



GARDEN CEMETERY IMPROVEMENTS

Parks and Open Space



ADMINISTRATION CONTACT

John DePriest
Director of Planning & De
500 Broadway
Chelsea, MA 02150
(617) 466-4182
jdepriest@chelseama.gov

Description Repair retaining walls in the cemetery; repair/reset headstones.

Justification The cemetery is both a historic and open space resource for the City. It represents a major step forward in the development of the modern cemetery design. Major upgrades and maintenance have been deferred due both to the complexity and the cost of such repairs. The 1998 master plan for the cemetery identified the components of a major rehabilitation project, key of which are the repair of the walls and the repair/resetting of headstones.

Impact The proposed repairs will preserve the integrity of the retaining walls and will begin the process of repairing headstones. Restoration of the cemetery will take years and many more additional dollars, but this work will be the start of a process that could allow for public enjoyment of the large open space.

Operating Budget	\$0.00	MWRA Grants	\$0.00
Free Cash	\$50,000.00	MWRA Loans	\$0.00
GO Bonds	\$0.00	Water Bonds	\$0.00
Chapter 90	\$0.00	Sewer Bonds	\$0.00
Other Grants	\$0.00	Cost	\$50,000.00

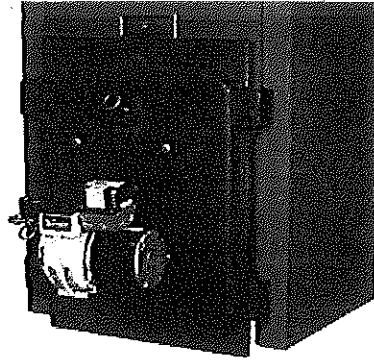


BOILER REPLACEMENT - HIGH SCHOOL

Public Buildings and Facili

ADMINISTRATION CONTACT

Gerald McCue
Executive Firector - Admi
500 Broadway
Chelsea, MA 02150
(617) 466-4456
gmccue@chelseama.gov



Description

Replace two end-of-life boilers with two new gas-fired boilers to serve as the primary and secondary boiler plant for the Chelsea High School.

Justification

The boiler plant for the high school has received regular inspection, maintenace and improvements, however, the boilers are at their end-of-life and replacement is recommended. The Boiler Replacement project is eligible for grant funds through the MSBA Green Repair Program where the MSBA's share of approved, eligible project costs is determined by the MSBA local reimbursement rate, at the time of application.

Impact

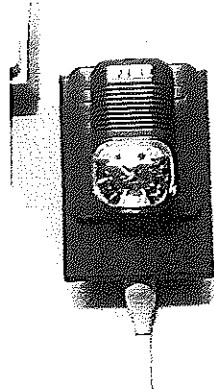
The Chelsea School System capital replacement program enumerates and prioritizes the improvements required to maintain the education campus. The School Department funds the improvements from combination of annual operating funds and city funds that in recent years have relied upon the school stabilization fund. In FY'15, the annual capital plan is \$1.65 for 16 capital projects. Regular capital investment ensures a reliable, efficient, clean and cost effective learning environment.

<i>Operating Budget</i>	\$0.00	<i>MWRA Grants</i>	\$0.00
<i>Free Cash</i>	\$0.00	<i>MWRA Loans</i>	\$0.00
<i>GO Bonds</i>	\$0.00	<i>Water Bonds</i>	\$0.00
<i>Chapter 90</i>	\$0.00	<i>Sewer Bonds</i>	\$0.00
<i>Other Grants</i>	\$0.00	<i>Cost</i>	\$250,000.00



FIRE ALARM SYSTEM

Public Buildings and Facili



ADMINISTRATION CONTACT

Joe Foti
Director
500 Broadway
Chelsea, MA 02150
(617) 466-4200
jfoti@chelseama.gov

Description

Design and install a fire alarm system at the Emergency Communications and Operations Center.

Justification

The Emergency Communications and Opeations Center serves a vital public safety role in the community. Over the years, the Center has grown to house an expanded computer server electronics room to support 911 telecommunications, and radio communications. Adequate fire alarm warning systems will ensure early notice of any environmental hazards.

Impact

This system will enhance the Center's diagnostic capability as it performs a vital 24 hour mission to ensure public safety.

Operating Budget

\$0.00

MWRA Grants

\$0.00

Free Cash

\$45,000.00

MWRA Loans

\$0.00

GO Bonds

\$0.00

Water Bonds

\$0.00

Chapter 90

\$0.00

Sewer Bonds

\$0.00

Other Grants

\$0.00

Cost

\$45,000.00



FLOOR REPLACEMENT AT POLICE DEPT. ADMINISTRATION CONTACT

Public Buildings and Facili



Joe Foti
Director
500 Broadway
Chelsea, MA 02150
(617) 466-4200
jfoti@chelseama.gov

Description Replacement of the floor in the Police Department Dispatch Room with a raised rubber panel.

Justification The current flooring is well beyond its useful life. The dispatch room is a relatively high traffic area and the current floor can present a hazardous condition.

Impact This maintenance project will create a more appropriate working environment.

Operating Budget	\$0.00	MWRA Grants	\$0.00
Free Cash	\$20,000.00	MWRA Loans	\$0.00
GO Bonds	\$0.00	Water Bonds	\$0.00
Chapter 90	\$0.00	Sewer Bonds	\$0.00
Other Grants	\$0.00	Cost	\$20,000.00

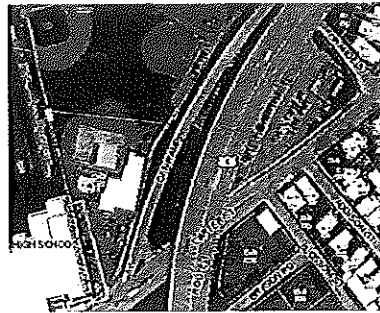


PARKING LOT LIGHTING - HIGH SCHOOL

Public Buildings and Facili

ADMINISTRATION CONTACT

Gerald McCue
Executive Director - Admi
500 Broadway
Chelsea, MA 02150
(617) 466-4456
gmccue@chelseama.gov



Description

Replace conduit, light poles and lighting fixtures in the high school parking lot, and install new fixtures to improve lighting along the connector path and at the entry court of the building.

Justification

A complete replacement of the existing lighting plan in the high school parking lot is required to address the generally poor condition caused by the corrosive effect of salt on the light poles, and water infiltration of the electrical conduit. New fixtures will be added in areas identified in the facility security survey, particularly along the connector path from the parking lot to the high school, and at the courtyard of the high school main entrance. The project is eligible for NSTAR rebates due to the installation of qualified LED light fixtures.

Impact

The Chelsea School System capital replacement program enumerates and prioritizes the improvements required to maintain the education campus. The School Department funds the improvements from combination of annual operating funds and city funds that in recent years have relied upon the school stabilization fund. In FY'15, the annual capital plan is \$1.65 for 16 capital projects. Regular capital investment ensures a reliable, efficient, clean and cost effective learning environment.

Operating Budget

\$0.00

MWRA Grants

\$0.00

Free Cash

\$0.00

MWRA Loans

\$0.00

GO Bonds

\$0.00

Water Bonds

\$0.00

Chapter 90

\$0.00

Sewer Bonds

\$0.00

Other Grants

\$0.00

Cost

\$450,000.00



PUBLIC BUILDINGS RENOVATIONS

Public Buildings and Facili



ADMINISTRATION CONTACT

Joe Foti
Director
500 Broadway
Chelsea, MA 02150
(617) 466-4200
jfoti@chelseama.gov

Description Design , construct and furnish offices in City Hall.

Justification Many of the offices in City Hall are outdated and no longer support the needs of the department. We will employ a space planner to consult on office designs in order to update the floor plans. Technologic improvements and programatic changes have rendered some offices inefficient or poorly configured to provide optimal customer service. There are approximately fifteen offices in city hall that serve the public. This funding is expected to complete renovation of two offices annually.

Impact Promote efficient operations and effective customer service.

Operating Budget	\$0.00	MWRA Grants	\$0.00
Free Cash	\$60,000.00	MWRA Loans	\$0.00
GO Bonds	\$0.00	Water Bonds	\$0.00
Chapter 90	\$0.00	Sewer Bonds	\$0.00
Other Grants	\$0.00	Cost	\$60,000.00

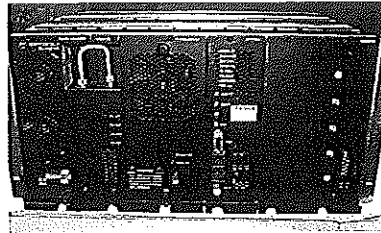


RADIO SYSTEM BACK-UP REPEATER

Public Safety

ADMINISTRATION CONTACT

Brian A. Kyes
Chief of Police
19 Park Street
Chelsea, MA 02150
(617) 466-4810
bkyes@chelseama.gov



Description Acquire a Back-Up Repeater to support Police Department radio communications operated via the Primary Repeater.

Justification The Police Department radio communication system operates via an automatic radio-relay station located at Soldiers Home Hill outfitted with a radio repeater. A radio repeater is a combination of a radio receiver and a radio transmitter that receives a weak or low-level signal and retransmits it at a higher level or higher power, so that the signal can cover longer distances without degradation. There is currently no back-up receiver to the primary receiver. A back-up or second receiver site for Channel 2 will eliminate dead spots and will serve as a back-up in the event of damage or failure of the primary receiver.

Impact The Police Department Radio repeater is an automatic radio-relay station located at the Soldiers Home. It allows communication between two or more bases, mobile or portable stations that are unable to communicate directly with each other due to distance or obstructions between them. A back-up repeater at an alternate location will enhance the performance of the police radio system.

Operating Budget	\$0.00	MWRA Grants	\$0.00
Free Cash	\$30,000.00	MWRA Loans	\$0.00
GO Bonds	\$0.00	Water Bonds	\$0.00
Chapter 90	\$0.00	Sewer Bonds	\$0.00
Other Grants	\$0.00	Cost	\$30,000.00



3 MARKED CRUISERS

Public Safety



ADMINISTRATION CONTACT

Brian A. Kyes
Chief of Police
19 Park Street
Chelsea, MA 02150
(617) 466-4810
bkyes@chelseama.gov

Description

Replace 3 vehicles with 3-new Marked Cruisers

Justification

Yearly rotation of fleet optimizes vehicle performance, reduces the frequency of patrol vehicles being places on out-of-service for repairs, and reduces the operating costs for the fleet.

Impact

Entire City

Operating Budget

\$114,000.00

MWRA Grants

\$0.00

Free Cash

\$0.00

MWRA Loans

\$0.00

GO Bonds

\$0.00

Water Bonds

\$0.00

Chapter 90

\$0.00

Sewer Bonds

\$0.00

Other Grants

\$0.00

Cost

\$114,000.00



PRISONER TRANSPORT VEHICLE

Public Safety



ADMINISTRATION CONTACT

Brian A. Kyes
Chief of Police
19 Park Street
Chelsea, MA 02150
(617) 466-4810
bkyes@chelseama.gov

Description Ford E-250 Marked Prisoner Transport Vehicle

Justification The existing vehicle is over 8 years old and does not meet department needs

Impact Present vehicle has significant maintenance issues which are not cost effective to repair.

Operating Budget

\$0.00

MWRA Grants

\$0.00

Free Cash

\$63,000.00

MWRA Loans

\$0.00

GO Bonds

\$0.00

Water Bonds

\$0.00

Chapter 90

\$0.00

Sewer Bonds

\$0.00

Other Grants

\$0.00

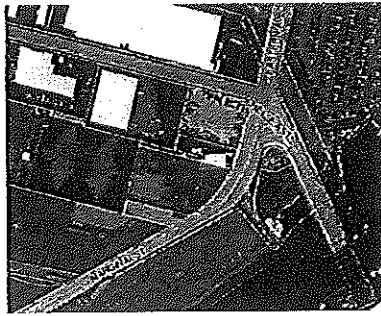
Cost

\$63,000.00



MARGINAL STREET

Surface Enhancement



ADMINISTRATION CONTACT

Bertram T Taverna
Capital Projects Manager
500 Broadway
Chelsea, MA 02150
(617) 466-4205
btaverna@chelseama.gov

Description

Removal and replacement of existing sidewalks on Marginal Street from State Property line to Willow Street. Replacement of roadway surface from State Property line to Pavement Limit completed by Nstar (Near Bagel House).

Justification

Sidewalks are in poor condition and do not meet code. Roadway is in poor condition and requires continual maintenance.

Impact

Provides code compliant path of travel for pedestrian and vehicle traffic. Reduces City's exposure for liability claims for both modes of travel and lowers City's maintenance costs.

Operating Budget

\$0.00

MWRA Grants

\$0.00

Free Cash

\$0.00

MWRA Loans

\$0.00

GO Bonds

\$0.00

Water Bonds

\$0.00

Chapter 90

\$134,000.00

Sewer Bonds

\$0.00

Other Grants

\$0.00

Cost

\$134,000.00



BLOSSOM, HEARD & WATTS IMPROVE

Surface Enhancement

ADMINISTRATION CONTACT

John DePriest
Director of Planning & De
500 Broadway
Chelsea, MA 02150
(617) 466-4182
jdepriest@chelseama.gov



Description

Grind and overlay road and make wheel chair modifications of one or more of the following streets: Heard Street from Spruce to Washington; Blossom Street from Spruce to Washington; Watts Street from Lynn Street to Willow Street.

Justification

These roads are in generally poor to fair condition and in need of resurfacing. Improvements to Blossom Street and Heard Street would complement the improvements to the other portions of these streets being completed in association with the One North development, Phase I and projected improvements for Phase II. Also, as the State advances its plan to replace the Washington Avenue Bridge outside of Fay Square, traffic circulation will place increased demand on Blossom Street and Heard Street. Watts Street is a densely developed neighborhood where the poor pavement surface is a driving distraction and does not support homeowners efforts to improve their properties.

Impact

Improved traffic flow in these neighborhoods; extended life of the streets; reduce maintenance costs, and contributes to an improved quality of life. The grant source will be CDBG funds.

Operating Budget

\$0.00

MWRA Grants

\$0.00

Free Cash

\$0.00

MWRA Loans

\$0.00

GO Bonds

\$0.00

Water Bonds

\$0.00

Chapter 90

\$449,000.00

Sewer Bonds

\$0.00

Other Grants

\$250,000.00

Cost

\$699,000.00



CITY WIDE SIDEWALKS

Surface Enhancement



ADMINISTRATION CONTACT

Bertram Taverna
Capital Projects Manager
500 Broadway
Chelsea, MA 02150
(617) 466-4205
btaverna@chelseama.gov

Description

Replacement of Cement Concrete Sidewalks in various areas City Wide..

Justification

Replacement of existing deteriorated cement concrete sidewalks that pose a tripping or other hazard to general public.

Impact

Provide a safe and secure mode of traversing the City by foot. Decreasing the City liability for injury claims due to trip and falls.

Operating Budget

\$150,000.00

MWRA Grants

\$0.00

Free Cash

\$0.00

MWRA Loans

\$0.00

GO Bonds

\$0.00

Water Bonds

\$0.00

Chapter 90

\$0.00

Sewer Bonds

\$0.00

Other Grants

\$0.00

Cost

\$150,000.00

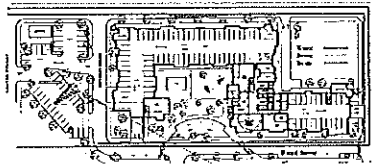


CHELSEA NORTH II INFRASTRUCTURE

Utility Enhancement

ADMINISTRATION CONTACT

Andrew B. DeSantis
Assistant Director DPW
500 Broadway
Chelsea, MA 02150
(617) 466-4206
adesantis@chelseama.go



Description Water, Sewer and Drain Replacement on Heard Street between Maple Street and Bryson Road, Maple Street between Heard Street and Blossom Street and Blossom Street between Maple Street and Carter Street

Justification Existing water distribution mains in this area are unlined 6" cast iron, replacement of which with 8" or 12" ductile iron piping will improve water quality and substantially decrease the likelihood of future water main breaks, as well as increase the amount of water available for fire fighting purposes. The existing 8" drains in this area are under capacity and will be replaced with 12" drains. Sanitary sewer lines in this area have been subject to collapses due to material type and age, replacement with new PVC lines will insure uninterrupted service availability for an extended service life of the piping.

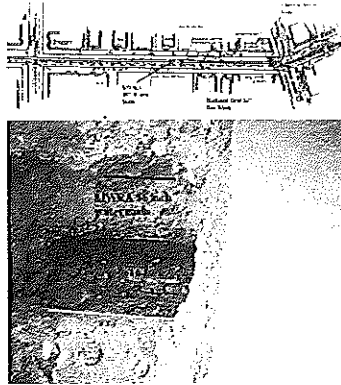
Impact Support of new development as well as decreasing future maintenance and repair activities.

Operating Budget	\$0.00	MWRA Grants	\$0.00
Free Cash	\$0.00	MWRA Loans	\$242,000.00
GO Bonds	\$0.00	Water Bonds	\$0.00
Chapter 90	\$0.00	Sewer Bonds	\$358,000.00
Other Grants	\$0.00	Cost	\$600,000.00



ESSEX STREET SEWER ACCESS EVAL

Utility Enhancement



ADMINISTRATION CONTACT

Andrew B. DeSantis
Assistant Director DPW
500 Broadway
Chelsea, MA 02150
(617) 466-4206
adesantis@chelseama.go

Description

Engineering investigation of Essex Street Sewer between Pearl Street and Highland Street to determine best design solution for creating access to a sewer line that does not have any sewer manholes on it due to the presence of a thirty inch MWRA water distribution main over it.

Justification

The MWRA has in its Capital Improvement Program, project S. 723 Northern Low Service Pipeline Section 37 Rehabilitation which is programmed to be undertaken in FY19. The MWRA water main was installed in 1920 apparently after the sewer main was installed in the late 19th century. Further complicating making access to the sewer main is the presence of a 24" gas main. National Grid is planning improvements to the 24" gas main in the near future.

Impact

The Department of Public Works hopes by investigating a solution to the lack of access for cleaning and inspection of the sewer line, it will be able to implement a solution in conjunction with both the MWRA and National Grid that would avoid an unplanned and costly effort to make access to the sewer line if needed on an emergency basis.

Operating Budget	\$0.00	MWRA Grants	\$0.00
Free Cash	\$0.00	MWRA Loans	\$0.00
GO Bonds	\$0.00	Water Bonds	\$0.00
Chapter 90	\$0.00	Sewer Bonds	\$50,000.00
Other Grants	\$0.00	Cost	\$50,000.00

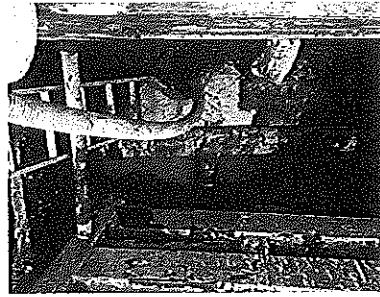


SHURTLEFF STREET INFRASTRUCTURE

Utility Enhancement

ADMINISTRATION CONTACT

Andrew B. DeSantis
Assistant Director DPW
500 Broadway
Chelsea, MA 02150
(617) 466-4206
adesantis@chelseama.go



Description

Replacement of 2200 LF of sewer main, 2200 LF of water main and 1800 LF of drain conduits as well as sewer & water services to from respective mains to property lines and reconstruction of roadway & sidewalk On Shurtleff Street from Broadway to Essex Street. Funding for water work is proposed for MWRA LWSAP (0% loan) and funding for sewer work is proposed for MWRA I&I program next phase (45% grant/55%- 0% loan).

Justification

Shurtleff Street over the past dozen years has had multiple sewer issues that have required excavation and repair including twice each year for the previous three years. Some but not all water main is old unlined cast iron. Design was completed in 1999 and will need to be updated. Consideration should at least be given to funding design in capital year FY15 at a probable cost of \$50,000.00. These design costs are all that will be funded in CIP 15.

Impact

This project will resolve long standing flow issues occurring in the section of sewer main south of Central Avenue which require extraordinary cleaning efforts on a regular basis through the calendar year as well as abatement of the need for any additional sewer repairs and avoid possible catastrophic failure of the line.

Operating Budget

\$0.00

MWRA Grants

\$0.00

Free Cash

\$50,000.00

MWRA Loans

\$0.00

GO Bonds

\$0.00

Water Bonds

\$0.00

Chapter 90

\$0.00

Sewer Bonds

\$0.00

Other Grants

\$0.00

Cost

\$50,000.00



WINNISIMMET STREET INFRASTRUCTURE

Utility Enhancement

ADMINISTRATION CONTACT

Andrew B. DeSantis
Assistant Director DPW
500 Broadway
Chelsea, MA 02150
(617) 466-4206
adesantis@chelseama.go



Description

Reconstruction of approximately two-hundred feet of sewer and replacement of four-feet of six inch unlined cast iron water main between Broadway and Park Street

Justification

Winnisimmet Street Sewer between Broadway and Park Street is a combination of crumbling old brick sewer from the mid 19th century, failing vitrified clay pipe likely installed more than twenty-five years ago and a couple of locations with recent repairs utilizing PVC pipe. Unlined cast iron pipe is susceptible to bursting and contributes to water quality issues.

Impact

Repair of the sewer line will avoid future costly emergency repair.

Operating Budget

\$0.00

MWRA Grants

\$0.00

Free Cash

\$0.00

MWRA Loans

\$200,000.00

GO Bonds

\$0.00

Water Bonds

\$0.00

Chapter 90

\$0.00

Sewer Bonds

\$350,000.00

Other Grants

\$0.00

Cost

\$550,000.00



STORMWATER MANAGEMENT PLAN

Utility Enhancement

ADMINISTRATION CONTACT

Andrew B. DeSantis
Assistant Director DPW
500 Broadway
Chelsea, MA 02150
(617) 466-4206
adesantis@chelseama.go



Description

Stormwater Management Plan - Implementation of NPDES Stormwater Permit Compliance Activities including storm water sampling and pipe condition data collection, internal pipe inspection, polluter identification, mapping, engineering analysis and design, and physical correction of deficiencies.

Justification

The City of Chelsea subject to the EPA's MS4 stormwater permitting requirements. The permit renewed in the 2014 calendar year and will include additional requirements for monitoring Stormwater outfalls, illicit connection detection and correction, pollution source discovery, mitigation and elimination.

Impact

The project will be a multi-year project and will ensure the City's compliance with the Clean Water Act avoiding any likely non-compliance notices and will result in improved surface water conditions in the Chelsea, Mystic, Island End Rivers creating a healthier environment for the citizens of Chelsea.

Operating Budget

\$0.00

MWRA Grants

\$0.00

Free Cash

\$0.00

MWRA Loans

\$0.00

GO Bonds

\$0.00

Water Bonds

\$0.00

Chapter 90

\$0.00

Sewer Bonds

\$125,000.00

Other Grants

\$0.00

Cost

\$125,000.00

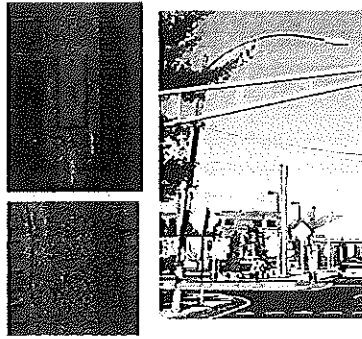


STREET LIGHT POLE REPLACEMENT

Utility Enhancement

ADMINISTRATION CONTACT

Andrew B. DeSantis
Assistant Director DPW
500 Broadway
Chelsea, MA 02150
(617) 466-4206



Description

Concrete Street Light Pole Replacement Program - Replacement of Cement Concrete Light Poles in Various Locations throughout the City. This project would involve the inspection of all 74 City owned precast Cement Concrete Light Poles owned by the City of Chelsea and replacement of poles that show signs of failure.

Justification

Many existing poles have been observed to have vertical cracks near the base of the pole and eventual structural failure of the pole is likely as water penetrates the cracks and is subject to freezing and thawing. Some poles are significantly out of vertical plumb and pose a potential hazard. The proposed CIP would include the purchase of six new poles to be able to commence replacement as the condition evaluation survey discovers poles on the verge of failure. In addition to replacement of the pole itself, new poles would be installed with connection handholes to provide a better electrical conductor configuration and separation from the Nstar distribution system. The cost to the City of Boston for pole replacements is \$2,500-\$3,000 for the installation of a handhole and conduit plus \$1,500 for the purchase of a new pole. The cost of the evaluation survey and report is estimated at \$5,000. First year cost for this project would be \$25,000. An assumption of four failed or failing poles for the first year and for each subsequent year of the program would require \$20,000 would be programmed for a minimum of the next 5 fiscal years. Avoidance of catastrophic failure of the pole is the objective by being proactive on a possible safety issue.

Impact

The completion of this project will provide greater safety to users of the City of Chelsea streets and sidewalks where these poles exist, increased reliability and a better configuration for electrical service circuit repair when it is necessary.

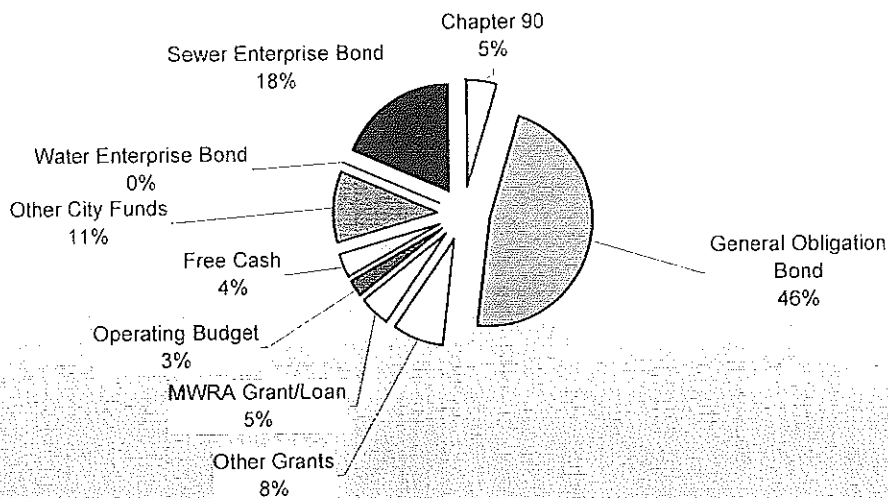
Operating Budget	\$20,000.00	MWRA Grants	\$0.00
Free Cash	\$0.00	MWRA Loans	\$0.00
GO Bonds	\$0.00	Water Bonds	\$0.00
Chapter 90	\$0.00	Sewer Bonds	\$0.00
Other Grants	\$0.00	Cost	\$20,000.00



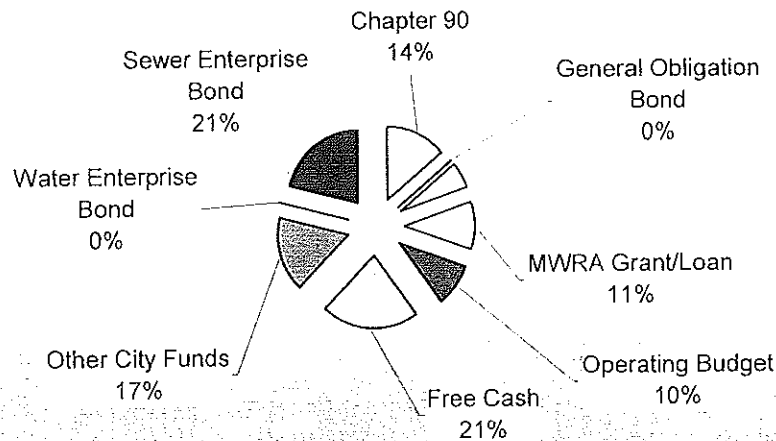
Capital Plan Revenue Source Detail By Year FY'15 - FY'19

	FY'15	FY'16	FY'17	FY'18	FY'19	Total
Chapter 90	\$583,000	\$641,000	\$885,000	\$787,000	\$0	\$2,896,000
General Obligation Bond	\$0	\$8,365,000	\$8,500,000	\$9,750,000	\$2,100,000	\$28,715,000
Other Grants	\$250,000	\$2,295,000	\$1,305,000	\$400,000	\$400,000	\$4,650,000
MWRA Grant/Loan	\$442,000	\$550,000	\$1,219,500	\$600,000	\$0	\$2,811,500
Operating Budget	\$399,000	\$346,000	\$315,000	\$251,000	\$251,000	\$1,562,000
Free Cash	\$942,000	\$475,000	\$400,000	\$230,000	\$230,000	\$2,277,000
Other City Funds	\$700,000	\$3,800,000	\$2,000,000	\$0	\$0	\$6,500,000
Water Enterprise Bond	\$0	\$0	\$0	\$0	\$0	\$0
Sewer Enterprise Bond	\$883,000	\$3,725,000	\$4,555,000	\$2,025,000	\$125,000	\$11,313,000
Total	\$4,199,000	\$20,197,000	\$19,179,500	\$14,043,000	\$3,106,000	\$60,724,500

FY'15 - FY'19 Funding Sources



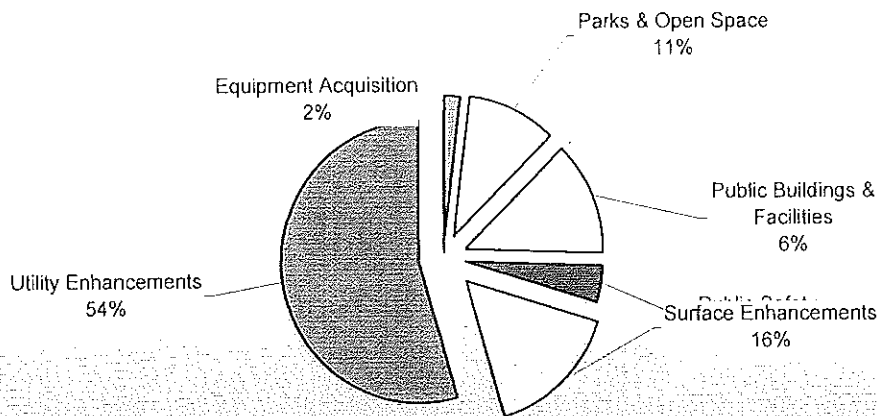
FY'15 Funding Sources



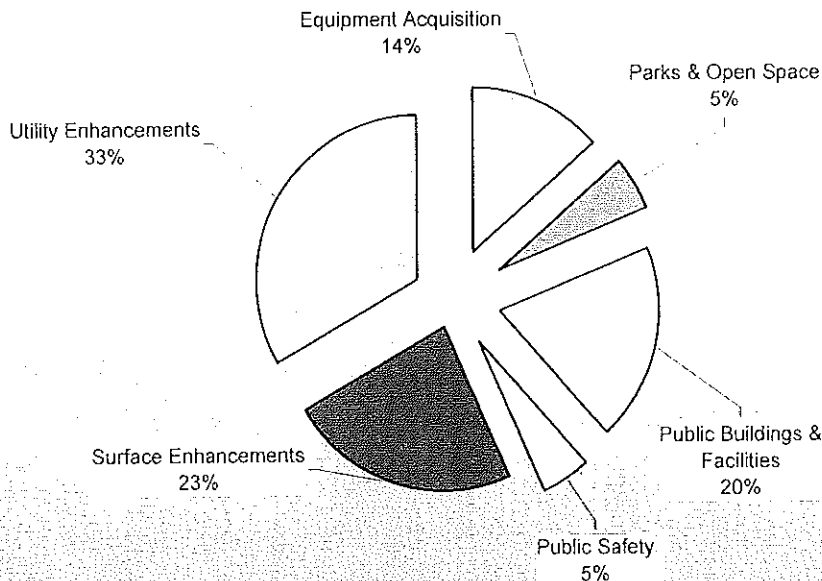
Capital Plan Expenditures by Program Area FY'15 - FY'19

	FY'15	FY'16	FY'17	FY'18	FY'19	Total
Administration	\$0	\$0	\$0	\$0	\$0	\$0
Equipment Acquisition	\$569,000	\$300,000	\$75,000	\$95,000	\$95,000	\$1,134,000
Parks & Open Space	\$220,000	\$1,700,000	\$2,220,000	\$1,670,000	\$570,000	\$6,380,000
Public Buildings & Facilities	\$825,000	\$60,000	\$60,000	\$7,060,000	\$60,000	\$8,065,000
Public Safety	\$207,000	\$1,346,000	\$345,000	\$386,000	\$136,000	\$2,420,000
Surface Enhancements	\$983,000	\$1,996,000	\$2,385,000	\$2,187,000	\$2,100,000	\$9,651,000
Utility Enhancements	\$1,395,000	\$14,795,000	\$14,094,000	\$2,645,000	\$145,000	\$33,074,000
Total	\$4,199,000	\$20,197,000	\$19,179,000	\$14,043,000	\$3,106,000	\$60,724,000

FY'15 - FY'19 Expenditures by Program Area



FY'15 Expenditures by Program Area



Program Area: Equipment Acquisition

[illegible]

Program Area: Parks & Open Space

Program Area: Parks & Open Space									
Project Description	Operating Budget FY2015 Pay-As-You-Go	Other City Funds	Grant Funding MMRA Grant 1st 45% of Project	General Fund Borrowing		Water Fund Borrowing		Sewer Fund Borrowing	
				Misc. Grant	Chapter 90	Gan Bonds	Water Bonds	MMRA Water Debt	Dabt:
Planning- Annual City Park Project		\$170,000.00							\$170,000.00
Planning- Garden Community Improvements		\$50,000.00							\$50,000.00
Total		\$170,000.00	\$0.00			\$0.00			\$220,000.00

Program Area: Public Buildings

[illegible]

Program Area: Public Safety

[illegible]

Program Area: Surface Enhancements

Program Area: Surface Enhancements										
Project Description	Operating Budget FY2015 Pay-As-You-Go	Free Cash	Other City Funds	Grant Funding		General Fund Borrowing	Water Fund Borrowing		Sewer Fund Borrowing	Total
				MWRA Grant 1&I 45% of Project	Misc. Grant		Chapter 90	Water Bonds		
Planning- Blossom, Hard & Watts Improvements					\$250,000.00					\$699,000.00
P.W. Citywide Sidewalks	\$150,000.00									\$150,000.00
P.W. Marginal St from 324 Marginal to Eastern Ave										\$134,000.00
Total	\$150,000.00	\$0.00			\$250,000.00	\$0.00	\$134,000.00	\$0.00	\$0.00	\$983,000.00

2015 Projects

Proj #	Date	Project Description	Area	Operating Budget FY2015 Pay-As-You-Go	Free Cash	Other City Funds	Misc Grant	Grant Funding MWRRA Grant 1&I 45% of Project	Chapter 90	Gen Bonds	Water Fund Borrowing MWRRA Water Debt	Sewer Fund Borrowing MWRRA 1&I 55% of Project Sewer Debt	Sewer Bonds	Total
1	MIS	Ceas Switch Replacement	EO	\$35,000	\$200,000									\$200,000
2	MIS	Desktop Replacement	EO	\$35,000										\$35,000
3	MIS	Police Cruiser Computer Replacement	EO	\$30,000										\$30,000
4	MIS	Server Replacement	EO	\$50,000										\$50,000
5	EOC	Uninterruptible Power Supply Unit	EO	\$40,000										\$40,000
6	Public Works	Replacement Body for Aerial Truck	EO	\$15,000	\$49,000									\$64,000
7	Public Works	1 Pick Up Truck with Plow and Sander	EO	\$150,000	\$170,000									\$190,000
8	Public Works	2 Dump Trucks with Plow & Sander	EO	\$170,000	\$50,000									\$170,000
9	Planning	Annual City Park Project	OS	\$50,000										\$50,000
10	Planning	Gordon Cemetery Improvements	OS											\$250,000
11	Schools	Bolton Replacement - High School	PB	\$45,000		\$250,000								\$295,000
12	EOC	Fire Alarm System - Emergency Operations Building	PB	\$20,000		\$450,000								\$470,000
13	Public Works	Floor Replacement Police Department Dispatch Room	PB											\$450,000
14	Schools	Parking Lot Lighting - High School	PB	\$50,000										\$50,000
15	Public Works	Public Building Design & Renovation	PS	\$114,000										\$114,000
16	Police	Market Cruisers - 3 replacement cruisers	PS	\$63,000										\$63,000
17	Police	Prisoner Transport Vehicle	PS	\$30,000										\$30,000
18	Police	Radio System Back-Up Repetitor	SF											\$699,000
19	Planning	Blossom, Hoard & Water Street Improvements	SF	\$150,000			\$250,000							\$1,350,000
20	Public Works	Citywide Sidewalks	SF											\$134,000
21	Public Works	Marginal Street from 324 Marginal to Eastern Ave.	UT											\$368,000
22	Public Works	Chelsea North Phase II	UT											\$30,000
23	Public Works	Essex Street Sewer Access Evaluation	UT											\$50,000
24	Public Works	Shuttle Street Infrastructure & Roadway Design	UT		\$50,000									\$125,000
25	Public Works	Stormwater Management Plan	UT											\$20,000
26	Public Works	Street Light Concrete Pole Replacement	UT	\$20,000										\$350,000
27	Public Works	Whitman Street Infrastructure Improvements	UT											\$550,000
Total				\$399,000	\$942,000	\$700,000	\$250,000	\$0	\$583,000	\$0	\$442,000	\$0	\$883,000	\$4,199,000
General Fund Bonds				\$0										
Water Enterprise Bonds				\$0										
Sewer Enterprise Bonds				\$883,000										
Total General Obligation Bonds				\$883,000										
Massachusetts Water Resource Authority Water Assistance Note paid by the Water Enterprise Fund				\$442,000										
Massachusetts Water Resource Authority Inflow and Infiltration Note paid by the Sewer Enterprise Fund				\$0										
Pay-As-You-Go as part of FY15 Operating Budget				\$399,000										
Free Cash				\$942,000										
Misc Grants				\$250,000										
Other City Funds				\$700,000										
MWRRA 1&I Grant				\$0										
Chapter 90 State Roadway Grant				\$583,000										
Total Capital Improvement Program				\$4,199,000										

2016 Projects

Proj #	Dept	Project Description	Area	Operating Budget:		Other City Funds	Grant Funding		General Fund Borrowing	Water Fund Borrowing		Sewer Fund Borrowing		Total
				FY2016	Pay-As-You-Go		Misc Grant	MWRA Grant 45% of Project		Gen Bonds	Water Bonds	MWRA 1st 55% of Project	Sewer Bonds	
1	MIS	Cable Unity Upgrade	EQ	\$60,000										\$60,000
2	MIS	Cloud / Office Backup	EQ	\$40,000										\$40,000
3	MIS	Desktop Replacement	EQ	\$35,000										\$35,000
4	MIS	Fiber Network Expansion	EQ		\$165,000									\$165,000
5	Planning	Katoom Park Playground Surface Enhancement	OS		\$45,000									\$45,000
6	Planning	Watertown Park at Chelsea Street Bridge	OS			\$300,000		\$105,000						\$300,000
7	Schools	Veteran's Stadium Turf Field Replacement	OS					\$900,000						\$900,000
8	Public Works	Public Building Design & Renovation	OS		\$60,000									\$60,000
9	Fire	Aerial Ladder Fire Truck Replacement	PS					\$950,000			\$150,000			\$1,100,000
10	Police	Motor Cycle - 3	PS	\$102,000										\$102,000
11	Police	Repeater / Computer for radio communication	PS		\$75,000									\$75,000
12	Police	Unmarked Police Cruiser - 1	PS		\$35,000									\$35,000
13	Police		PS	\$34,000										\$34,000
14	Planning	Alington Street / Main Street Sidewalk Improvements	SF		\$150,000			\$300,000						\$450,000
15	Planning	Broadway / 3rd / Congress Intersection Improvements	SF											\$227,000
16	Public Works	Forsyth St from John St to Cary Ave Pavement Project	SF					\$116,000						\$116,000
17	Public Works	Gardner St from Washington Ave to Parker Street Pavement and Sidewalk Project	SF					\$62,000						\$62,000
18	Public Works	Garrison Ave from Broadway to Highland Avenue	SF					\$40,000						\$40,000
19	Public Works	Lawrence St Pavement and Sidewalk Project	SF											\$129,000
20	Public Works	Hancock Street from Washington to Everett Line	SF					\$107,000						\$107,000
21	Planning	Spence / Williams Intersection	SF											\$330,000
22	Planning	Washington St Traffic Island at Nichols Street	SF											\$85,000
23	Public Works	Carroll Street Pump Station Force Main Improvements	UT			\$3,500,000				\$7,000,000				\$10,500,000
24	Public Works	Market Street Culvert Replacement	UT											\$1,800,000
25	Public Works	Shurtleff Street Infrastructure Improvements	UT											\$2,350,000
26	Public Works	Stormwater Management Plan	UT											\$125,000
27	Public Works	Street Light Concrete Light Pole Replacement	UT		\$20,000									\$20,000
Total				\$346,000	\$475,000	\$3,800,000	\$2,295,000	\$0	\$641,000	\$8,365,000	\$0	\$550,000	\$0	\$20,197,000
General Fund Bonds				\$8,365,000.00										
Water Enterprise Bonds				\$0.00										
Sewer Enterprise Bonds				\$3,725,000.00										
Total General Obligation Bonds				\$12,090,000.00										
Massachusetts Water Resource Authority Water Assistance Note paid by the Water Enterprise Fund				\$550,000.00										
Massachusetts Water Resource Authority Inflow and Infiltration Note paid by the Sewer Enterprise Fund				\$0.00										
Pay-As-You Go as part of FY16 Operating Budget				\$346,000.00										
Free Cash				\$475,000.00										
Misc Grants				\$2,295,000.00										
Other City Funds				\$3,800,000.00										
MWRA 1st Grant				\$0.00										
Chapter 90 State Roadway Grant				\$641,000.00										
Total Capital Improvement Program				\$20,197,000.00										

2017 Projects

Project Description	Area	Operating Budget:		Other City Funds	Grant Funding		General Fund Borrowing	Water Fund Borrowing	Sewer Fund Borrowing		Total
		FY2017	Pay-As-You-Go		Misc Grant	MWRA Grant 181 of 45% of Project			Chapter 90	Gen Bonds	
1 MIS Desktop Replacement	EQ		\$35,000								\$35,000
2 MIS Server Replacement	EQ		\$40,000								\$40,000
3 Planning Annual Park Project	OS		\$170,000		\$400,000						\$570,000
4 Carter Park Field Turf Replacement (Annual City Park Project)	OS		\$170,000		\$400,000		\$690,000				\$1,250,000
5 Dog Park/State Park	OS				\$400,000						\$400,000
6 Public Building Design & Renovation	PB		\$60,000								\$60,000
7 Public Works	PB				\$105,000		\$20,000				\$125,000
8 Fire HazMat Vehicle	PS		\$12,000								\$12,000
9 Police K-9 Dog, replace Marco & Alex	PS		\$102,000								\$102,000
10 Police Marked Cruisers - 3 replacement cruisers	PS		\$42,000								\$42,000
11 Police Surveillance Van	PS		\$30,000								\$30,000
12 Traffic Truck replace	PS		\$34,000								\$34,000
13 Unmarked Cruiser - 1 replacement cruiser	PS										
14 Canal Street from Crescent Ave to Eastern Ave	SF				\$367,000						\$367,000
15 Crescent Ave from Louis St to Eastern Ave	SF				\$319,000						\$319,000
16 Public Works Euclid Street from Loudell to Nichols	SF				\$130,000						\$130,000
17 Public Works Hooper Street from Crescent Ave to dead end	SF				\$38,000						\$38,000
18 Public Works Nichols St from Franklin to Euclid	SF				\$37,000						\$37,000
19 Public Works Shurtlett Street Roadway Improvements	UT			\$2,000,000			\$1,500,000				\$1,500,000
20 Public Works Broadway, City Hall to Route 1a	UT						\$6,000,000				\$6,000,000
21 Public Works Cary Avenue Sewer Water and Drain Improvements	UT										
22 Essex Street Sewer Investigation (preceding MWRA FY19 Water Main Work)	UT										
23 Essex Street, Saipan, Guam Road and Normandy Water R.	UT						\$300,000				\$300,000
24 Stormwater Management Plan	UT		\$20,000								\$20,000
25 Public Works Street Light Concrete Pole Replacement	UT										
26 Wintthrop Road, Englewood Ave, Prospect St and Woodlawn Ave Infrastructure	UT							\$365,500			\$365,500
Total			\$315,000	\$400,000	\$2,000,000	\$1,305,000	\$8,500,000	\$0	\$1,219,500	\$0	\$19,179,500
General Fund Bonds											
Water Enterprise Bonds											
Sewer Enterprise Bonds											
Total General Obligation Bonds											
Massachusetts Water Resource Authority Water Assistance Note paid by the Water Enterprise Fund											
Massachusetts Water Resource Authority Inflow and Infiltration Note paid by the Sewer Enterprise Fund											
Pay-As-You Go as part of FY17 Operating Budget											
Free Cash											
Misc Grants											
Other City Funds											
MWRA 181 Grant											
Chapter 90 State Roadway Grant											
Total Capital Improvement Program											

2018 Projects

Project Description	Area	Operating Budget:		Other City Funds	Grant Funding		General Fund Borrowing	Water Fund Borrowing		Sewer Fund Borrowing		Total
		FY2018	Pay-As-You-Go		Misc Grant	MMRA Grant 161 45% of Project	Chapter 90	Gen Bonds	Water Bonds	MMRA 161 55% of Project	Sewer Bonds	
1 MIS Desktop Replacement	EO	\$35,000										\$35,000
2 MIS Police Cruiser Computer replacement	EO	\$20,000										\$20,000
3 SAN Replacement	EQ	\$40,000										\$40,000
4 Planning Annual City Park Project	OS		\$170,000		\$400,000			\$1,100,000				\$1,670,000
5 Planning Mary C. Burke Turf Project	OS							\$7,000,000				\$7,000,000
6 Public Works City Yard	PS		\$80,000					\$250,000				\$330,000
7 Public Works Public Building Design & Renovation	PS							\$1,100,000				\$1,100,000
8 Police Command Staff Vehicle	PS	\$102,000										\$102,000
9 Police Unmarked Cruiser - 1 replacement; cruiser	PS	\$34,000										\$34,000
10 Public Works Cary Avenue Surface Improvements	SF						\$387,000					\$387,000
11 Public Works Highland Street from Ballingston to Marginal	SF						\$400,000					\$400,000
12 Public Works Sagamore Avenue from Washington to Garfield	SF						\$300,000					\$300,000
13 Public Works Winthrop Rd. Englewood Ave. Prospect St. Woodlawn Ave Surface Improvements	UT							\$600,000				\$600,000
14 Public Works Spencer Avenue Sewer Water Drain Improvement	UT											
15 Public Works Stormwater Management Plan	UT	\$20,000										\$20,000
16 Public Works Street Light Concrete Pole Replacement	UT											
Total		\$251,000	\$230,000	\$0	\$400,000	\$0	\$787,000	\$9,750,000	\$0	\$600,000	\$0	\$14,043,000
General Fund Bonds												\$9,750,000.00
Water Enterprise Bonds												\$0.00
Sewer Enterprise Bonds												\$2,025,000.00
Total General Obligation Bonds												\$11,775,000.00
Massachusetts Water Resource Authority Water Assistance Note paid by the Water Enterprise Fund												\$600,000.00
Massachusetts Water Resource Authority Inflow and Infiltration Note paid by the Sewer Enterprise Fund												\$0.00
Pay-As-You-Go as part of FY18 Operating Budget												\$230,000.00
Free Cash												\$230,000.00
Misc Grants												\$400,000.00
Other City Funds												\$0.00
MMRA 161 Grant												\$0.00
Chapter 90 State Roadway Grant												\$787,000.00
Total Capital Improvement Program												\$14,043,000.00

2019 Projects

Project Description	Area	Operating Budget: FY2019		Other City Funds	Grant Funding		General Fund Borrowing	Water Fund Borrowing		Sewer Fund Borrowing		Total
		Pay-As-You-Go	Free Cash		Misc. Grant	MMWA Grant /&I 45% of Project		Water Bonds	MMWA Water Debt	MMWA I&I 55% of Project Debt	Sewer Bonds	
1 MIS Desktop Replacement	EQ	\$35,000										\$35,000
2 MIS Police Cruiser Computer replacement	EQ	\$20,000										\$20,000
3 MIS SAN Replacement	EQ	\$40,000										\$40,000
4 Planning Annual City Park Project	OS		\$170,000		\$400,000							\$570,000
5 Public Works Public Building Design & Renovation	PS	\$102,000	\$80,000									\$182,000
6 Police Marked Cruisers - 3 replacement cruisers	PS	\$34,000										\$34,000
7 Police Unmarked Cruiser - 1 replacement cruiser	PS											
8 Public Works Specialized Avo Surfaced Improvements	PS											
9 Public Works Stormwater Management Plan	PS											
10 Public Works Street Light Concrete Pole Replacement	UT	\$20,000										\$20,000
Total		\$251,000	\$230,000	\$0	\$400,000	\$0	\$0	\$2,100,000	\$0	\$0	\$125,000	\$3,106,000
General Fund Bonds												
Water Enterprise Bonds												\$0.00
Sewer Enterprise Bonds												\$125,000.00
Total General Obligation Bonds												\$125,000.00
Massachusetts Water Resource Authority Water Assistance Note paid by the Water Enterprise Fund												
												\$0.00
Massachusetts Water Resource Authority Inflow and Infiltration Note paid by the Sewer Enterprise Fund												
												\$0.00
Pay-As-You-Go as part of FY19 Operating Budget												
												\$251,000.00
												Free Cash
												\$230,000.00
												Misc Grants
												\$400,000.00
												Other City Funds
												\$0.00
												MMWA I&I Grant
												\$0.00
												Chapter 90 State Roadway Grant
												\$0.00
Total Capital Improvement Program												\$3,106,000.00