

New Bedford 2016 Plan Report Card – Final

5.3.1 Emergency Management Department

5.3.1.1 Purchase and Install Auxiliary Generators

The City proposes to purchase and install auxiliary generators for critical local government department operations centers at the following locations:

1. Health Department – 1213 Purchase Street. Completed...Installed in Sept 2022. Used ARPA funds. For vaccines only – not entire office.
2. Emergency Management Department – 834 Kempton Street. Not completed... moving to a building that will be.
3. DPI Complex – 1105 Shawmut Avenue. Not needed...Building is on generator power.
4. Emergency Medical Services Department – 181 Hillman Street. Not completed... Huge issue and needs to be addressed...carry forward to 2024 update.

Engineering and planning services will determine each facility's individual power needs. Appropriate generators and fuel containment facilities will be installed at each location thereafter.

Priority: High

Completed Yes or No: Partially completed (see above)

Month/Year: Health Dept. 2022

Responsible Party:

Funding mechanism/Grant amount: Health Dept.: ARPA funds

5.3.1.2 Improve Warning Capabilities

The City proposes to improve the City's emergency warning capabilities through the purchase of a "Reverse 911" geo-based telephone notification service. Training of appropriate E911 Center personnel in the use of this system will be required for the system to reach full functionality. Education activities will be held to educate the public on the City's use of the system and promote "opt-in" for residents' cellular or Voice Over Internet Protocol (VoIP) phones.

Priority: High

Completed Yes or No: Yes, remains ongoing

Month/Year: Feb 2019

Responsible Party: EMA

Funding mechanism/Grant amount: Partners for Places Grant supplemented by general fund.

5.3.1.3 Special Needs Registry

The City proposes to revive its "Special Needs Registry" and promote voluntary registration (or participation) by residents who may require additional assistance, transportation, and/or sheltering in the event of a major emergency or disaster. The program will be implemented within the next calendar year and will be continually carried out via the following action items:

1. Conduct community outreach efforts to encourage persons with access and functional needs to register.
2. Provide specialized, pre-disaster emergency information to this population.
3. Update and maintain registry database for use in emergency situations.

Priority: High

Completed Yes or No: Yes. Difficult to manage. Need outside consultant support to manage...carry forward into 2024 Update (update description for Consultant services)

Month/Year: prior to 2018.

Responsible Party: Health Department

Funding mechanism/Grant amount: No funding. Internal form.

5.3.1.4 Community Preparedness Outreach/Messaging Efforts

The City proposes to improve community preparedness and outreach by implementing the following action items:

1. Distribute all-hazard and hazard-specific disaster safety information through various media.
2. Continue "Know Your Zone" outreach efforts to residents in hurricane evacuation areas.
3. Develop disaster education programs for specific vulnerable populations.
4. Make locally-developed disaster preparedness material available in multiple languages.

Priority: High

Completed Yes or No: Yes, remains ongoing

Month/Year: 2020

Responsible Party: City Wide

Funding mechanism/Grant amount: Municipal staff

5.3.1.5 Community Rating System Participation

Over the next several years the City will be exploring participation in the federal Community Rating System (CRS) program. Staff will evaluate program requirements, review existing activities eligible for program "credits" and explore potential activities that could be initiated and/or implemented to secure additionally needed "credits" to secure a CRS rating classification. Participation in this program will allow a discount in flood insurance premium rates, which reflect the reduced flood risk as a result of meeting the goals of the CRS program.

Priority: High

Completed Yes or No: No, carry forward into 2024 update

Month/Year:

Responsible Party: Building Department

Funding mechanism/Grant amount:

5.3.1.6 Debris Management Plan

The City proposes to develop a Debris Management and Monitoring Plan. The plan will address the collection, monitoring and disposal of debris after a storm event. Development of such a plan will enhance the City's efforts to secure reimbursement under FEMA's Public Assistance Program in a declared disaster for debris removal operations.

Priority: High

Completed Yes or No: No, carry forward into 2024 Update

Month/Year:

Responsible Party: EMA/DPI

Funding mechanism/Grant amount:

5.3.1.7 Update Local Multi-Hazard Plan

The City will update the Local Multi-Hazard Plan at least every five years, as required by FEMA, or as needed. Section 6 of this Plan provides a detailed discussion of the City's procedure for monitoring, updating and evaluating the Plan.

Priority: High

Completed Yes or No: In progress

Month/Year: 2023

Responsible Party: DPI/Enviro/EMA

Funding mechanism/Grant amount: FEMA Grant - \$108k.

5.3.2 Police Department

5.3.2.1 New Roof for Police Station #1

The roof for Police Station #1 is aging and in need of repairs. Accordingly, the City proposes to install a new roof at Police Station #1 over the next two years. Having a new roof will mitigate potential structural damage during a natural disaster.

Priority: High

Completed Yes or No: No, Station is closed and will be converted to office space. Roof has not been fixed...carry forward into 2024 Update

Month/Year:

Responsible Party:

Funding mechanism/Grant amount:

5.3.2.2 New Parking Lot Drainage System at Police Headquarters

The parking lot at Police Headquarters is subject to localized flooding during heavy precipitation events. The City is proposing to install new drainage system in the parking lot. Alleviating the flooding will allow the Police Department to better respond to disaster events.

Priority: High

Completed Yes or No: No. Design is in progress...remains ongoing

Month/Year:

Responsible Party: DPI/DFFM

Funding mechanism/Grant amount: SRF, ARPA, SNEP, MVP, BBNEP (1.9M Grant, 4.2M SRF)

5.3.2.3 New Communications Systems

The technology currently used by emergency personnel at the City's Emergency Radio Broadcast Towers is aging. To address this aging infrastructure, new radio antenna repeaters and satellite receivers, including any associated battery backup systems, are proposed to aid emergency personnel during natural disasters.

Priority: High

Completed Yes or No: In-progress...remains ongoing

Month/Year:

Responsible Party: MIS

Funding mechanism/Grant amount: City GO Funding

5.3.3 Fire Department

5.3.3.1 Emergency Generators for Radio Transmitters

The main radio transmitters for the New Bedford Fire Department and the New Bedford Police Department located at the Regency Towers are not supported by the emergency generator. The generator at this facility is currently at capacity with a battery backup in place that has limited duration. To address this adverse weather public safety infrastructure problem, the City proposes to add a generator to the radio room or relocate the radio equipment to the New Bedford Hotel, which does have generator capacity available.

Priority: High

Completed Yes or No: In-progress (part of the 5.3.2.3 project), remains ongoing

Month/Year:

Responsible Party: MIS

Funding mechanism/Grant amount:

5.3.3.2 Upgrade of Fire Alarm System

The present fire alarm system uses wire-based technology, which is subject to damage every time there is moderately severe weather. Upgrading the system to a wireless-based system would address this problem. It will require the upgrading of all municipal buildings to this new technology. With 80 buildings and an average cost of \$10,000 per unit, the cost will be \$800,000 for the full program.

Priority: High

Completed Yes or No: In progress, remains ongoing...carry forward into 2024 Update.

Month/Year:

Responsible Party: Fire/MIS

Funding mechanism/Grant amount:

5.3.3.3 Replace/Renovate Existing Fire Stations

The fire stations in the City have an average age of 102 years of age with the newest having been constructed in the early 1950's. None of these buildings were constructed to seismic standards and are of unreinforced masonry. These types of buildings are the most prone to catastrophic failure in the event of a seismic event. This would result in the possible complete loss of fire protection during a moderate event. In addition, these structures located throughout the City would be logical locations for mass care facilities in the event of a catastrophic event. At present none of our buildings have this capability in their design and this should be a future consideration.

Priority: High

Completed Yes or No: In progress. Completed public safety complex in the South End and working to site a North End Safety Building...remains ongoing, carry forward into 2024 Update (update description to include a North End Safety Building)

Month/Year:

Responsible Party: DFFM

Funding mechanism/Grant amount: City GO Funding

5.3.3.4 EMT Training for Fire Department Members

The New Bedford Fire Department has 230 uniform members who are currently medically trained to the first responder level. The concept of a citizen's emergency response team has not had the impact that

was anticipated. By providing EMT training to the members of the New Bedford Fire Department, the City would be able to increase the level of services provided to the citizens in the aftermath of a catastrophic event. This would also have a positive impact on day-to-day operations as medical responses account for over 60 percent of emergency calls. By using the New Bedford Fire Department in this way, the City would have the ability to have a surge capacity of EMT trained personnel for major events.

Priority: High

Completed Yes or No: Yes, remains ongoing. In 2022, the City and NB Firefighter's Local 841 agreed to a new CBA which included an annual EMT stipend. Since that time, the number of certified EMTs continues to increase. Currently, there are approximately 36 EMTs and Paramedics employed by the Nbfd.

Month/Year:

Responsible Party: Fire

Funding mechanism/Grant amount:

5.3.3.5 Stockpile Supplies for Operations Crews and Local Population

The City's emergency services, police, fire, EMS, DPI, DFFM and others, must be able to sustain operations continuously from the onset of the disaster until outside help arrives during a major natural disaster. When a major natural disaster occurs, outside help will frequently not be available for 72 hours at a minimum. For widespread events, such as hurricanes and earthquakes, when the local infrastructure no longer functions, it can take longer for that help to be effective. From a service continuation standpoint, the ability of emergency service agencies to operate beyond 24 hours begins to deteriorate when there is a lack of food, potable water and fuel. Thus, the City proposes to stage large supplies of water and meals-ready-to-eat to be available to sustain operations crews. These supplies will also be available to support the local population at mass care shelters if needed. With the extended shelf life of these supplies, they are a long-term investment. This mitigation action will include a study to find an appropriate location for this facility.

Priority: High

Completed Yes or No: Yes, remains ongoing. We need to re-evaluate if this is a priority. The program is expensive, and food expires and needs to be disposed of if not used.

Month/Year: Completed annually over the previous 5 years.

Responsible Party: Emergency Management

Funding mechanism/Grant amount: Emergency preparedness grants

5.3.4 Planning Department

5.3.4.1 Adopt Stormwater Ordinance

The Planning Department has implemented a stormwater ordinance. Stormwater regulations that address Low Impact Development (LID) to increase the efficiency of stormwater control at the source have been drafted. A public hearing will be held prior to finalizing the regulations. The City intends to implement the new regulations during the 2016 calendar year.

Priority: Medium

Completed Yes or No: Yes, remains ongoing

Month/Year: Jan 2017 and Revise June 2021

Responsible Party: DPI

Funding mechanism/Grant amount: DPI Funding/Internal Staff

5.3.4.2 Integrate Disaster Mitigation into Comprehensive Master Plan

The Planning Department intends to integrate disaster mitigation into the next comprehensive master plan for the City. Disaster mitigation will be addressed during all phases of the City's next planning cycle. This will assist the City evaluating future development projects and zoning changes, and in developing new ordinances.

Priority: Medium

Completed Yes or No: In-progress. Working on new Master Plan

Month/Year:

Responsible Party: Planning/EMA

Funding mechanism/Grant amount: Urban Agenda Grant - \$200k.

5.3.5 Harbor Development Commission

5.3.5.1 Installation of a Wave Attenuator at Pope's Island Marina

The City is proposing to install a wave attenuator on the southwestern side of Pope's Island Marina. The wave attenuator will help to protect the structures and vessels in the marina during significant storm events.

Priority: High

Completed Yes or No: No, carry forward into 2024 update

Month/Year:

Responsible Party:

Funding mechanism/Grant amount:

5.3.5.2 Installation of a Storm Mooring System at Pope's Island

The Environmental Protection Agency is overseeing the dredging of contaminated soils in New Bedford Harbor. These removed soils are buried in a CAD cell field north of Pope's Island. The City is proposing to install a mooring system in the CAD cell field to protect this area during significant storm events.

Priority: High

Completed Yes or No: No, carry forward into 2024 update

Month/Year:

Responsible Party:

Funding mechanism/Grant amount:

5.3.5.3 Repair, Bolster and Expand Commercial Fishing Piers

The City is proposing to repair, bolster and expand the commercial fishing piers in the harbor. These improvements to the commercial fishing piers will allow the piers to secure larger fishing vessels during storm events. Protection of the fishing vessels during storm events will reduce the impact on the fishing industry.

Priority: High

Completed Yes or No: In-progress (Pier fendering replacement on three of the five piers. Carry remainder forward into 2024 update.

Month/Year: 2023

Responsible Party: New Bedford Port Authority

Funding mechanism/Grant amount: part of a larger \$11 M Economic Development Agency grant.

5.3.5.4 Dredge New Bedford Harbor

The City is proposing to dredge all the required areas identified in Phase V of the Harbor Development Commission's dredging project. This project will permanently open up new berths within the hurricane barrier for commercial and recreational vessels, which will allow these vessels to be protected during storm events.

Priority: High

Completed Yes or No: No, pending June 2023 bidding, remains ongoing

Month/Year: 2023

Responsible Party: New Bedford Port Authority

Funding mechanism/Grant amount: MassWorks \$35 M

5.3.5.5 Expansion of Pope's Island Marina

The City is proposing to expand Pope's Island Marina to create more berths for recreational vessels. Expansion of the marina will allow these vessels to be protected during storm events. Phase 1 of this project will occur during the effective period of the Local Multi-Hazard Mitigation Plan.

Priority: Medium

Completed Yes or No: No, carry forward into 2024 Update

Month/Year:

Responsible Party:

Funding mechanism/Grant amount:

5.3.5.6 Replacement of Mooring Anchors and Gear

The City is proposing to replace all the existing mooring anchors to a helix-style and replace all the gear to hazelett-style. Replacing these fixtures will make them more resistant to storms.

Priority: High

Completed Yes or No: Partially completed, carry forward into 2024 update

Month/Year: unknown

Responsible Party: New Bedford Port Authority

Funding mechanism/Grant amount: unknown

5.3.5.7 Fund Unified Command Center for Local, State and Federal Emergency Response Agencies

The City is proposing to fund a Unified Command Center for local, state and federal emergency response agencies. During natural disasters this center will be activated and used to coordinate the City's response to the natural disaster.

Priority: High

Completed Yes or No: Yes.

Month/Year: 2020

Responsible Party: New Bedford Port Authority

Funding mechanism/Grant amount: Seaport Economic Council grant (\$1 M)

5.3.5.8 Assess and Mitigate Utility and Infrastructure Weaknesses on the Waterfront

The City is proposing to conduct an assessment of the utilities and infrastructure on the waterfront to identify any weaknesses. Based on this assessment, the City will implement mitigate measures to address any deficiencies that are identified.

Priority: High

Completed Yes or No: Yes.

Month/Year: 2021

Responsible Party: Resilience and Environmental Stewardship/New Bedford Port Authority

Funding mechanism/Grant amount: FY20 MVP grant (\$58,662) and FY21 CZM Grant (\$154,178)

5.3.6 Department of Public Infrastructure

5.3.6.1 Install New SCADA System at Sewer Pump Stations

The City will continue to expand the installation program of new SCADA systems within pumping stations to ensure remote monitoring of all stations in the event of a disaster. This improved system will also eliminate the potential for prolonged system failures that result in flooding.

Priority: High

Completed Yes or No: In-progress, carry forward remaining pump stations into 2024 update

Month/Year:

Responsible Party: DPI

Funding mechanism/Grant amount: Wastewater Funding/SRF – This is hard to break out and it's included in WW budget.

5.3.6.2 Clarks Cove Pump Station and Hurricane Barrier Localized Flooding Improvements

Inadequately sized sewer and stormwater drainage systems cause localized flooding near Clarks Cove Pump Station and near the hurricane barrier. Therefore, in conjunction with the Army Corps of Engineers, the City will undertake further improvements to the Clarks Cove Pump Station, to low-lying areas near the hurricane barrier, and to the sewer and stormwater drainage systems.

Priority: High

Completed Yes or No: In progress...Some pumping station improvements completed...carry forward into 2024 Update and update description

Completed/ongoing work to date include:

- New Generator (2015) - \$1M
- Station Upgrade/Electrical Improvements (2015) – With Generator
- Actuator Maintenance (2021) - \$2,500
- Street Gate Repairs/Inspections (2022) - \$20,000 (Inspection) working on cost for design and estimate of probable cost for repairs.
- Conduits under Barrier (2023 to 2026) – \$10.4M – it would be nice to get a grant for this.

Month/Year:

Responsible Party: DPI

Funding mechanism/Grant amount: Wastewater Funding/SRF Funding

5.3.6.3 Flood-proof Sewer Pump Stations within Flood-prone Areas

The City proposes to complete flood-proofing the wastewater and flood control pump stations, and the emergency power facilities located within the FEMA 100-year floodplain boundary. Upgrading these facilities will ensure that critical wastewater facilities continue to operate during natural disaster events.

Priority: High

Completed Yes or No: Yes, remains ongoing

Month/Year: 2016/2017

Responsible Party: DPI

Funding mechanism/Grant amount: CZM Grant/\$346,500

5.3.6.4 Coggeshall Street Area Stormwater Drainage Improvements

The City is working to complete stormwater drainage system improvements projects in the Coggeshall Street, Sawyer Street, Deane Street, Logan Street, Purchase Street, Belleville Avenue, and Acushnet Avenue areas in order to increase stormwater drainage capacity in these streets. These measures will mitigate or eliminate localized flooding problems and aid in drainage capacity during disaster events.

Priority: Medium

Completed Yes or No: Yes, remains ongoing

Month/Year: 2016

Responsible Party: DPI

Funding mechanism/Grant amount: Wastewater Funding/SRF/\$8,400,000

5.3.6.5 Maple and Chancery Streets Stormwater Drainage Improvements

The City is proposing to undertake drainage infrastructure improvements to address localized street flooding in the vicinity of Maple and Chancery Streets. Some improvements have already been undertaken and future improvements would also address capacity problems in the stormwater drainage and sewer systems in this area.

Priority: Medium

Completed Yes or No: No, carry forward into 2024 update

Month/Year:

Responsible Party: DPI

Funding mechanism/Grant amount: SRF

5.3.6.6 Page Street Stormwater Drainage Improvements at St. Luke's Hospital

The City is proposing to undertake stormwater drainage system improvements to address flooding issues at Page Street, near St. Luke's Hospital. Addressing flood problems in this area will help to ensure access to the hospital during natural disasters.

Priority: Medium

Completed Yes or No: No, carry forward into 2024 update

Month/Year:

Responsible Party: DPI

Funding mechanism/Grant amount: SRF

5.3.6.7 Buttonwood Park Pond and Dam Improvements

The City is proposing to undertake improvements to the Buttonwood Park Pond and Dam and conveyance structures downstream to address overtopping during storm events. Mitigation of overtopping will alleviate flooding in surrounding areas.

Priority: Medium

Completed Yes or No: No, carry forward into 2024 update

Month/Year:

Responsible Party: DPI

Funding mechanism/Grant amount: GO/ODS Grants/WW Funding/ARPA/MVP

5.3.6.8 Pearl Street Stormwater Drainage Improvements

The City is proposing to undertake stormwater drainage system improvements to address street flooding within Route 18, Hillman Street, Pearl Street, and at the intersection of Acushnet Avenue and Pearl Street in the vicinity of the Railyard, Division of Career Services, and Whale's Tooth Parking Lot. Stormwater drainage system improvements in these areas will help to provide continued access to these roads during natural disaster events.

Priority: Medium

Completed Yes or No: Yes, remains ongoing

Month/Year: 2023

Responsible Party: DPI

Funding mechanism/Grant amount: Completed as part of South Coast Rail improvements.

5.3.6.9 Brownell Avenue and Hawthorne Street Stormwater Drainage Improvements

The City will undertake stormwater drainage system improvements to address localized flooding in the area of Brownell Avenue and Hawthorne Street and conveyance structures downstream during major precipitation events. Addressing localized flooding in this area will help mitigate flooding impacts during natural disaster events.

Priority: Medium

Completed Yes or No: No, carry forward into 2024 Update

Month/Year: TBD

Responsible Party: DPI

Funding mechanism/Grant amount: SRF/MVP/ARPA

5.3.6.10 New Bedford Reservoir Dam and Turner's Pond Dam Improvements

The City will undertake improvements at the New Bedford Reservoir Dam and Turner's Pond Dam. These improvements will address deficiencies identified at these dams and will help to ensure that these dams remain stable during significant precipitation and disaster events.

Priority: Medium

Completed Yes or No: Partially (Turners Pond Dam in-progress), carry forward into 2024 Update

Month/Year:

Responsible Party: DPI

Funding mechanism/Grant amount: Wastewater Funding/GO/ODS Grant/BBC Grants

5.3.6.11 Establish "Micro-Grid" within City for Auxiliary Power

The City proposes to establish “micro-grids” within key City locations for auxiliary power. These “micro-grids” will mitigate power outages during disaster events, enabling the City to respond to emergency situations in a timely and more efficient manner.

Priority: Medium

Completed Yes or No: No, remove as no longer relevant

Month/Year:

Responsible Party: Resiliency and Environmental Stewardship

Funding mechanism/Grant amount:

5.3.6.12 Route 18 and Wamsutta Street Stormwater Drainage Improvements

The City will undertake stormwater drainage system improvements to address flooding at the intersections of Route 18 and Wamsutta Street, Wamsutta Street and North Front Street, Wamsutta Street and Acushnet Avenue, and at the Wamsutta Street Pump Station. Improvement of the drainage capacity in these areas will alleviate flooding during heavy precipitation and natural disaster events and help to ensure continued access to these roads during a disaster event.

Priority: Low

Completed Yes or No: No, carry forward into 2024 Update

Month/Year:

Responsible Party: DPI

Funding mechanism/Grant amount: SRF/MassDOT/SCR

5.3.6.13 Sheffield Street/ Stratford Street Stormwater Drainage Improvements

The City is proposing to correct localized flooding problems associated with an unnamed stream to the east of Acushnet Avenue. Flooding generally occurs in the area of Sheffield Street, southerly to Stratford Street and in the downstream portion of the City’s 027 drain system in the northern part of the City. Addressing flooding this area by improving the stormwater drainage system will help to ensure continued access to these roads during a disaster.

Priority: Low

Completed Yes or No: No, carry forward into 2024 Update

Month/Year:

Responsible Party: DPI

Funding mechanism/Grant amount: SRF

5.3.6.14 Mitigation of Drainage Issues from Tarkiln Hill Road to Nash Road Pond

The Copper Brook drain system was originally constructed as a water supply for Revere Copper located within New Bedford, conveying water from the Nash Road Pond to the Copper Brook Pond at the mills. The drain is a patchwork of various pipe diameters, materials and ages; some of which consists of stone blocks and granite rubble. The drain traverses some of the busiest streets in the City, crosses under both Route 18 and Route 195 before discharging to the Copper Brook Pond. The pond overflows to a stream located adjacent to Wamsutta Street and eventually to the Acushnet River. The drain and pond systems have historically been susceptible to flooding during wet weather events due to inadequate capacity and the condition of the pipe. Under heavy rainfall events, the Nash Road Pond overtops and floods Nash Road, making it impassable. Most recently, a section of the Copper Brook pipe partially collapsed within Acushnet Avenue, one of the City’s busiest streets. In addition, there are

direct overflow points from the drain to the City's sewer system contributing to the City's combined sewer overflow (CSO) problem. The pond and stream at the downstream end of Copper Brook create a bottleneck for water to flow to the Acushnet River. Therefore, both the pond and stream need to be addressed as part of the overall solution to mitigate flooding resulting from the brook. This project will be coordinated with flooding that occurs at Wamsutta Street and Route 18, as both flooding areas result from issues with the Copper Brook system and Wamsutta Street stream.

Priority: Low

Completed Yes or No: No, carry forward into 2024 Update (update description)

Month/Year:

Responsible Party: DPI

Funding mechanism/Grant amount: Wastewater Funding/SRF/SCR/MassDOT

5.3.6.15 West End CSO Separation Contract Phase IV

Phase IV of the West End CSO Separation project consists of constructing the main intercepting drain (7,600-feet) for the separation of approximately 12,500-feet of combined sewer in the West End Sewer Separation – Phase V portion of the program. This portion is the fourth phase of sewer separation in the West End area of New Bedford. Construction of Phase I was completed in 2001 and the construction of Phase II and III was completed in the summer of 2006. In addition to reducing CSO discharges to Clarks Cove, the Phase IV Sewer Separation will discharge stormwater from the project area to the Inner Harbor. This is important because the removal of stormwater, in addition to the reduction in CSOs, is required to attain maximum use of the shellfish beds in Clarks Cove. The project also provides the main trunk drain to address critical flooding areas at the intersection of Maple Street and Chancery Street, as well as the western portion of St. Luke's Hospital.

Priority: Low

Completed Yes or No: No, carry forward into 2024 Update

Month/Year:

Responsible Party: DPI

Funding mechanism/Grant amount: SRF

5.3.6.16 West End CSO Separation Contract Phase V

Phase V of the West End CSO Separation project consists of separating approximately 12,500-feet of combined sewer in the West End area of New Bedford. Phase V sewer separation is the fifth phase of sewer separation in the City's West End. The West End Sewer Separation – Phase IV portion of the project will provide the main intercepting drain for this portion of the program and has been described in Section 5.2.6.15. As is the case with the Phase IV Sewer Separation project, the Phase V portion of the program will also reduce CSO discharges to Clarks Cove by separating the combined sewer system. Stormwater from the project area will be discharged to the Inner Harbor, helping to attain maximum use of the shellfish beds in Clarks Cove. In addition to reducing CSO's, Phase V sewer separation will also provide the sideline drains required to mitigate sewer system flooding at the intersection of Maple and Chancery Streets and along the western portion of St. Luke's Hospital that occurs due to wet weather. This will address a public health issue and safety issue that occur.

Priority: Low

Completed Yes or No: No, carry forward into 2024 update

Month/Year:

Responsible Party: DPI

Funding mechanism/Grant amount: SRF

5.3.6.17 Assawompsett Dam Improvements

The City is proposing to undertake improvements to the Assawompsett Dam and associated downstream conveyance facilities. These improvements will repair any defects with the dam and ensure that the downstream conveyance systems will have adequate capacity during heavy precipitation and disaster events.

We found out that the City doesn't own the Dam. Taunton owns the dam. Operation and maintenance of the dam has been turned over to Taunton.

Priority: Low

Completed Yes or No: No, City of Taunton owns the dam.

Month/Year:

Responsible Party:

Funding mechanism/Grant amount:

5.3.6.18 Improve the Inter-Municipal Agreement with Taunton for Assowompsett Dam

The City will pursue the development of a clearer agreement between the City of Taunton and the City of New Bedford on the ownership, maintenance, and control of the Assawompsett Dam. Restructuring this contract will provide each party with a clear understanding of their responsibilities regarding dam operations and expedited procedures during disaster events.

Priority: Low

Completed Yes or No: No, City of Taunton owns the dam

Month/Year:

Responsible Party:

Funding mechanism/Grant amount:

5.3.6.19 Improve Communications and Data Gathering for Infrastructure Systems

The City will continue in its pursuit to purchase and upgrade equipment required to implement asset management strategies, improvements in communication and data gathering in the field. These technologies will meet Administrative Order and CMOM program requirements and ensure proper operation and maintenance of the City's stormwater, flood protection, and sewer systems.

Priority: High

Completed Yes or No: Yes, remains ongoing...carry forward into 2024 Update (update description)

Month/Year: 2017

Responsible Party: DPI

Funding mechanism/Grant amount: SRF Funding/WW Funding

5.3.6.20 Implement Snow Plowing Tracking System

The City will work to implement a snow plow tracking system to more efficiently clear City streets during snow events. This plan will be based on GPS and GIS technologies that will enable staff to efficiently route plows throughout the City.

Priority: High

Completed Yes or No: Yes.

Month/Year: Implemented 2017/Upgrade 2020

Responsible Party: DPI

Funding mechanism/Grant amount: DPI Budget

5.3.6.21 Incorporate Disaster Mitigation Plan Projects into City Projects

The City will incorporate the Disaster Mitigation Plan capital and operation and maintenance projects identified in this Plan into the City's updated Long Term CSO Control Plan (LTCP) and Capital Improvements Plan (CIP) as appropriate. Integrating these projects into the LTCP and CIP will help to ensure that these projects are completed. The authority behind the integration of the Long Term CSO and Capital Improvements Plan into the Disaster Mitigation Plan is the Commissioner of Department Public Infrastructure.

Priority: Medium

Completed Yes or No: Yes, remains ongoing

Month/Year: Jan 2017

Responsible Party: DPI

Funding mechanism/Grant amount: City GO Funding/Water/Wastewater/SRF