City of Portland, Maine
Remote Finance Committee Meeting
Thursday, February 25, 2021
5:00 PM, Remote Meeting via ZOOM

AGENDA

ZOOM MEETING INFORMATION

This meeting will take place remotely using Zoom. Virtual meetings are allowed using emergency legislation approved by LD 2167; 1 M.R.S. §403A, that authorizes cities and towns to conduct meetings online.
Allow your computer to install the free Zoom app to get the best meeting experience. If you are not able to attend live, a recording will be uploaded to https://townhallstreams.com/towns/portland_maine the next day.

Please click the link below to join the webinar:

https://zoom.us/j/99583870328?pwd=OGFOTm5YQStza2dSZGwwa2Q3Q0lZdz09
Passcode: 417968
Or iPhone one-tap :
US: +13126266799,,99583870328# or +16465588656,,99583870328#
Or Telephone:
Dial(for higher quality, dial a number based on your current location):
US: +1 312 626 6799 or +1 646 558 8656 or +1 301 715 8592 or +1 346 248 7799 or +1 669 900 9128 or +1 253 215 8782
Webinar ID: 995 8387 0328
International numbers available: https://zoom.us/u/abRnXcjaIp

1. Introductions

2. FY22 City Manager Recommended Capital Improvement Plan (continued) – PUBLIC HEARING AND SCHEDULED VOTE

At the January 28th and February 11th meetings of the Committee the FY22 Capital Improvement Plan (CIP) and CIP process was discussed in detail. The current meeting will include continued discussion of the General Fund recommended capital improvement projects and answer all questions received from Councilors at the previous meeting. The FY22 Water Resources CIP (projects which relate to the Sewer and Stormwater Enterprise funds where debt service is repaid by sewer user fees and stormwater service charges, not via property taxes) will be presented at the current meeting. Department Heads will be on hand to answer questions from Councilors on each project. After the presentation concludes the Committee will hold a Public Hearing where members of the public may comment on the FY22 Capital Improvement Plan. The Committee is scheduled to hold a vote to recommend the FY22 CIP appropriation and bond authorizations to the full City

Council.

Link to FY22 Water Resources Capital Improvement Plan Presentation
https://drive.google.com/file/d/1A6bWshDxSAwE7me_5oyUL6imt5TdtVMh/view?usp=sharing

Link to full video from January 28, 2021 Finance Committee meeting:
https://townhallstreams.com/stream.php?location_id=42&id=34947

Link to Capital Improvement 101 slide presentation from January 28, 2021:
https://docs.google.com/presentation/d/1nBfukR73sOSaQulh2mc9KIBprKYpEBzCQDWRuiYLaCk/edit?usp=sharing

Link to FY22 City Manager Recommended CIP Presentation from February 11, 2021:
https://docs.google.com/presentation/d/1TgFrzQJjfOyl9f-El7AwCw5ShHYaQclHGfdAGEc5oh8/edit?usp=sharing

3. Other Business & Future Meeting Dates

a. **Review of Q&A from Previous Meetings**
https://docs.google.com/document/d/1NreH31g8-fKVHshhJAd57_3bfF7ciedAy678BuXMd-g/edit?usp=sharing

b. **Future Meeting Dates**
   i. Thursday, March 25th – 5:00PM – Joint City/School Finance Committee meeting, initial discussions on the FY22 Portland Public Schools Budget

4. Adjournment

FY22 City Manager Recommended Capital Improvement Plan				
General Fund Project Requests - 2/11/2021				
Classification	**Department**	**Project Title**	**FY22 CIP Appropriation**	**External Funding**
Streets/Sidewalks	Barron Center	Resurfacing of Roadways & Parking Lots	140,000	
Equipment	Information Technology	Barron Center Phones Upgrade	48,000	
Equipment	Information Technology	Improvements to Information Security Program	31,000	
Equipment	Information Technology	Replace Network Switches	250,000	
Equipment	Information Technology	DPW Traffic Managed Network	20,000	
Equipment	Information Technology	Consolidate city camera systems (except jetport)	72,000	
Facilities	Fire Department	Riverton Station - Boiler Room Upgrades	150,000	
Equipment	Fire Department	Cardiac Monitor Replacement	40,000	
Equipment	Communications	Portable Radios Upgrade	300,000	
Equipment	Parking / Garages	Parking Meter Replacement Phase 2	115,000	
Equipment	Parking / Garages	Multi Space Parking Meters Shipyard & Cross Arena	22,000	
Equipment	Parks & Rec	Payson Park Playground	350,000	
Parks, Fields, Trails	Parks & Rec	Skatepark Expansion	50,000	50,000
Parks, Fields, Trails	Parks & Rec	ADA Walkway Paving--Deering Oaks	118,000	
Facilities	Parks & Rec	Golf Course Upgrades - HVAC and Drainage	115,000	
Facilities	Parks & Rec	Evergreen Cemetery Columbaria Phase II	108,000	
Parks, Fields, Trails	Parks & Rec	Lyman Moore, Fox St, Talbot School	97,000	
Equipment	Parks & Rec	Deering Oaks Playground Accident Replacements	45,000	
Parks, Fields, Trails	Planning & Urban Deve	Congress Square Redesign - Construction Drawings	50,000	50,000
Facilities	Facilities & Waterfront	212 Canco Roof Replacement	325,000	
Facilities	Facilities & Waterfront	Offices & Customer Service Areas A/C Installation	150,000	
Sidewalks	Facilities & Waterfront	Sidewalks at Exposition Building Entrance	160,000	
Marine	Facilities & Waterfront	Compass Park Ongoing pile/pier work	200,000	
Marine	Facilities & Waterfront	POT - Pile Survey	140,000	
Marine	Facilities & Waterfront	On going pile/pier work at OG and P.O.T	100,000	
Marine (i.e., piers)	Facilities & Waterfront	Bollard/ Bit Replacement	100,000	
Facilities	Public Schools	Masonry Repair at Deering High School	150,000	
Facilities	Public Schools	Technology & Fire Alarm System Upgrades - PIES	100,000	
Facilities	Public Schools	Install fire sprinkler system - PIES	130,000	
Facilities	Public Schools	Door Access Controls - King and Lincoln	115,000	
Vehicles	Public Schools	3 Buses and 1 Van	325,000	
Transportation	Public Works	DOT - MPI - Paving Stevens Avenue	640,000	500,000
Transportation	Public Works	PACTS MPI - Elm Street Paving - Congress to Marginal	315,000	235,000
Transportation	Public Works	Pavement Preservation Program	1,500,000	
Transportation	Public Works	Sidewalk & ADA Rehabilitation Program	600,000	
Transportation	Public Works	Congress Square Intersection Construction	1,200,000	1,000,000

Transportation	Public Works	PACTS TIP - Brighton Avenue Multi-Modal Project	124,000	124,000
Transportation	Public Works	Traffic Signals Upgrade Program	500,000	
Transportation	Public Works	Water Resource Project Ineligibles	300,000	
Transportation	Public Works	Continuation of Adaptive Signal Corridors	100,000	
Facilities	Public Works	Federal Street Cemetery Wall Repair	35,000	
Streets/Sidewalks	Public Works	DOT Bridge Report	25,000	
Transportation	Public Works	Separated Bike Lanes - Additional Funding	100,000	
Transportation	Public Works	Andrews Square Supplemental Funding	100,000	
Fire		3 Fire Trucks (1 Quint Ladder, 2 Pumper Engines)	2,700,000	
Police		7 Hybid Police Cruisers	413,000	
Fire		MEDCU Ambulance Grant Match	63,000	227,273
HHS		Used HHS 10 passenger van	30,000	
Various		Hyundai and Efficiency Maine rebates)	0	25,500
Waterfront & Public Buildings		2 ton plow truck w/wing 4WD	130,000	
Islands		1.25 ton truck w/plow GDI	75,000	
Winter		SA Plow truck	185,000	
Solid Waste		Packer (rental or lease)	65,000	
Winter		Loader w/wing & plow	220,000	
Islands		2 - 42 CY Dumpsters @ 9,000 ea.	19,000	
PDD		0.75 ton PU w/plow	40,000	
Parks & Rec		0.75 ton PU w/plow & dump	45,000	
Parks & Rec		Toolcat	65,000	
Parks & Rec		0.75 tn PU w/plow golf course	40,000	
Streets		Backhoe/Loader	105,000	
Parking		Used Compact Pickup	26,000	
PW Safety		Used SUV	23,000	
HHS		Used large SUV or Minivan	25,000	
Fleet		2-way radio replacement	30,000	
Parks & Rec		New Ventrac 4500K	75,000	
Parks & Rec		52 PTO HP Tractor	55,000	
Traffic		VMB (variable message board)	20,000	
Parks & Rec		JD 2025D Style Tractor	35,000	
SW		Used 1/2 ton PU w/liftgate	25,000	
Parks & Rec		Fairway Mower Golf Course	55,000	
Parks & Rec		3/4 ton PU w/plow	45,000	
Traffic		Used 1/2 ton PU	25,000	
Waterfront & Public Buildings		Van	35,000	
GENERAL FUND REQUESTS TOTAL			**14,324,000**	**2,211,773**
USE OF SURPLUS FUND BALANCE			-3,500,000	
USE OF PRIOR YEAR CIP FUNDING REALLOCATIONS & FY22 OPERATING BUDGET			-324,000	
TOTAL NEW GENERAL FUND BORROWING			**10,500,000**	

Note: The sheets included in this document represent original Department CIP requests. Amounts included and details of projects included within final FY22 City Manager Recommended Capital Improvement Plan may differ from the original requests due to limitations on funding and changes since the original requests were submitted in 2020.

Project Title **ID** 195026

Resurface of roadways & parking lots

Barron Center

Division Environmental Services

Classification Streets/Sidewalks

Project Description

Resurface & stripe/mark parking lot & roadways.

Project Justification

Current conditions of the surface & markings warrant this action. There are many pot holes, cracks & broken asphalt in the roadways & parking lots. In addition the markings/stripes have all but disappeared.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$278,586		$278,586

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2021		$139,293	$140,000		☑
2022		$139,293			☐
2023					☐
2024					☐
2025					☐
2026					☐
2027					☐
Total		$278,586	$140,000		

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 226706

Barron Center Phones Upgrade

Information Technology

Division

Classification Equipment

Project Description

Phone System for Barron Center (replace Siemens system) Phone switch, 94 Mitel phones (at $250 ea $23,500), GrandStream to handle 221 phones/faxes (at $1650 ea $8,250

Project Justification

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$48,000	$48,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022		$48,000			☐
2023					☐
2024					☐
2025					☐
2026					☐
2027					☐
Total		$48,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 216448

Improvements to Information Security Program

Information Technology

Division

Classification Equipment

Project Description

Concise list of new systems to provide capabilties to achieve a higher grade of quality regarding NIST compliance. Incl VPN client modernization - currently on unsupported MS server infrastructure (was oos in 7/14/2015).

Project Justification

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$31,000				$31,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022		$31,000			☐
2023					☐
2024					☐
2025					☐
2026					☐
2027					☐
Total		$31,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 226703

Replace Network Switches

Information Technology

Division

Classification Equipment

Project Description

End of Support 6/30/2022

Core switches: 2 blades are end of support
Core switches: all chassis and blades end of support

Project Justification

Needed for reliable and secure IT network

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$365,000	$365,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022		$250,000			☐
2023		$115,000			☐
2024					☐
2025					☐
2026					☐
2027					☐
Total		$365,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 226704

DPW Traffic Managed Network

Information Technology

Division

Classification Equipment

Project Description

Traffic Division has 50+ switches that need to be converted to a managed format, est @ $400 apiece for parts and install and 5 yrs of support.

Project Justification

These devices control intersections and were installed as project work by third party vendors. IT has learned that the vendors don't undertake ongoing maintenance and so these have been unmanaged/ not kept current for security purposes. These need to be managed by someone because they are on the city's network. IT will refresh all of the switches and bring them into our management.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$20,000	$20,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022		$20,000			☐
2023					☐
2024					☐
2025					☐
2026					☐
2027					☐
Total		$20,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 226761

Consolidate city camera systems (except jetport)

Information Technology

Division

Classification Equipment

Project Description

Bring all city camera systems into one support model with active vendor maintenance and a "single pane" viewing capability for those that need it (such as dispatch).

Project Justification

Currently there are 5 -6 different camera systems and vendors responsible (or not) depending on which building they are in and who decided to add them. In 2019, IT contacted all parties to ask for vendor contacts capable to discussing network needs because our 150+ cameras are IoT devices and should be segregated from other city resources. Some departments did not realize that IT was not their vendor, some had to ask around to find out who the vendor was, and when we called one vendor they were surprised that department still regarded them as the vendor because they had done the install and walked away. With no single 'owner' of camera systems, there is no person accountable to making sure resources are kept maintained and secured. IT will take on ownership and see that all involved switches and servers are kept patched against security vulnerabilities following this project to bring all services into one management system.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$72,500	$72,500

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022		$72,500			☐
2023					☐
2024					☐
2025					☐
2026					☐
2027					☐
Total		$72,500			

Other Funding Source Description

Operating Budget Impact

IT or Buildings will pay for incremental repairs or call-outs instead of individual departments. IT will likely have ongoing license and support costs for switches and servers - but a worthwhile investment to ensure we have access to patches that protect our networks.

Project Title **ID** 226763

Riverton Station - Boiler Room Upgrades

Fire Department

Division Building Maintenance

Classification Facilities

Project Description

Replace inefficient Boiler
Remove above ground oil tank (Change to gas)
Replace 1971 Generator
Replace Water Heater

Project Justification

Boiler - Oil Fired and only 80% efficient, no redundancy high- efficiency boilers will increase efficiency to approx 93%.
Oil Tank - Does not meet code, reduce carbon footprint by using gas
Generator - Parts are not available, unit runs on propane. (Most expensive form of fuel) Replace with Natural Gas Unit.
Water Heater - 80 gal unit is undersized. With new gear extractor a more efficient gas fired unit is required.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$15,000		$150,000		$150,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022		$150,000			☐
2023					☐
2024					☐
2025					☐
2026					☐
2027					☐
Total		$150,000			

Other Funding Source Description

Operating Budget Impact

New efficient equipment will reduce annual use and repair/replacement costs.
This work will not have to be touched during a larger renovation project. It will also decrease the cost of a larger project.

Project Title **ID** 226580

Cardiac Monitor Replacement

Fire Department

Division Emergency Medical Service

Classification Equipment

Project Description

Capital Lease program for Cardiac Monitors.

We would like to make a bulk purchase so that the technology and function on all the monitors will be the same, our providers will not have to adapt their practices depending upon which monitor they currently are using.

The Current Cost of an X-Series is $37,275.00 plus the added cost for a spare battery, masimo cables and blood pressure cuff kits if we don't purchase a bulk quantity. If we began a plan to replace 2 monitors per year at this price, the annual cost would be approximately $77,585.50. Annual price increases of generally 3% will significantly affect this price over time. Additionally, last year we paid $13,172.50 for warranties and preventive maintenance, which increased to $14,535.00 this year. The next preventive maintenance and warranty contract will increase by $3,777.00 to $18,312.00. This is because Zoll added a 1 battery per monitor and cable replacement option to the warrantee plan. In addition, a technician will come to us within 24-48 hours instead of us shipping the monitor to them. This allows us to replace one battery per monitor per year, and if the ECG cables are found to be unusable in the servicing of a device, they replace them at no additional cost.

Project Justification

Cardiac Monitors are an essential piece of medical equipment that enables us to meet our license level for Maine EMS Protocol, and provide the highest level of advanced medical service to our citizens. We have developed a relationship with Zoll over the past 15+ years, and currently have 12 monitors in the city. Of these, 6 were manufactured in 2012 (Monitors considered to be at the end of their expected life cycle), 4 were manufactured in 2014, and we purchased two last year. Based on the age of our current inventory, we need to replace 10 monitors and wish to add another to augment our coverage of the city. We are seeing an increase in down time with our old monitors due to needed repairs:
~5 of the 6 2012 monitors have been shipped out for repair and 3 of those 5 have been shipped out 4 times.
~3 of the 4 2014 monitors have been shipped out for repair and 1 has been shipped out 3 times.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$364,952	$364,952

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022		$40,064			☐
2023		$40,064			☐
2024		$71,206			☐
2025		$71,206			☐
2026		$71,206			☐
2027		$71,206			☐
Total		$364,952			

Other Funding Source Description

Operating Budget Impact

The annual savings of this current proposal and plan is $19,855.00. The 5 year savings of this current proposal and plan is $99,276.50

Project Title **ID** 216554

Replacement of 150 Portable Radios

Police Department

Division Dispatch Services

Classification Portable Radio Replacements

Project Description

Replace 150 Motorola APEX 6000 portable radios

Project Justification

Current radios are no longer being serviced by Motorla

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$600,000	$600,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022	$300,000				☐
2023	$300,000				☐
2024					☐
2025					☐
2026					☐
2027					☐
Total	$600,000				

Other Funding Source Description

Operating Budget Impact

No initial operating budget impact, future miscellaneous repair/maintenance as needed.

Project Title **ID** 205694

Parking Meter Replacement Phase 2

Parking / Garages

Division Administration

Classification Equipment

Project Description

Converting existing single space meters with mew mechs to replace aging single space parking meters, (In areas with fewer than 6 metered spaces in a row).
NOTE: With previous years meter request we have a balance of $198,000 less $152,000 for the unexpected manditory upgrade to 4G for multispace meters and $160,000 for the single space upgrade we are short by $114,000, hence this request

Project Justification

The existing meters are coming close to the end of their useful lives. The new meters will provide, better customer service, by having a lower failure rate.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$210,000	$210,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2021		$185,000	$95,000		☑
2022		$115,000			☐
2023					☐
2024					☐
2025					☐
2026					☐
2027					☐
Total		$300,000	$95,000		

Other Funding Source Description

Operating Budget Impact

Minimal

Project Title **ID** 216389

Multi Space Parking Meters Shipyard & CA

Parking / Garages

Division Administration

Classification Equipment

Project Description

3 new multi space parking meters

Project Justification

Replace time limited parking with 2 kiosk at Shipyard Brewery on Newbury and Mounfort
Replace 7 single space meters with 1 kiosk on Free St at the Cross Arena

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$37,500	$37,500

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2021		$15,000	$15,000		☑
2022		$22,500			☐
2023					☐
2024					☐
2025					☐
2026					☐
2027					☐
Total		$37,500	$15,000		

Other Funding Source Description

Operating Budget Impact

$15,000 per year at Shipyard minimal at the Cross Arena

Project Title **ID** 226620

Payson Park Playground

Parks, Rec & Public Assembly

Division Parks

Classification Equipment

Project Description

The Payson Park Playground is the priority playground for replacement in 2021. The city owns and manages 30 playgrounds ranging from parks, to schools, to islands. Each playground should ideally be replaced every 15-20 years. The Lyseth Playground is now 20 years old and requires constant maintenance and repair to keep in safe condition for the hundreds of children that use it daily. This playground was built with a very small budget and dedicated to a much younger age group than what is present in the area today. There is an abundance of rust, rubber surface coatings are peeling away and the wooden structures are so porous that they will no longer hold a fresh coat of paint.

Payson Park is one of our most athletically diverse parks in Portland as it has trails, baseball & softball fields, a lacrosse & football field and tennis & basketball courts in the summer months and then becomes a wonderland with sledding, snowboarding, snow shoeing, skating and nordic skiing in the winter months. With affordable housing right across the field, this playground see's a large amount of activity and would be utilized much more if the equipment was improved. Baxter Boulevard also offers a great connection to family use with the trail, Sunday's on the Boulevard and all the events that occur in the park.

Project Justification

The playground would include some ADA compliant elements and would primarily be surfaced with playground woodchips. The playground would likely have a network of paths flowing around it and through it to allow for bikes and scooters to play while also allowing for barriers between age appropriate equipment. The playground would have a mix of manufactured play equipment such as swings, net climbers, and slides, and would also have natural elements such as hills, bridges, tunnels and rock and log climbers. Trees and native plantings would complement the playground and provide shade and rest areas.

The playground has not yet been designed. Once funding is approved, a design team would convene to design the playground within budget parameters

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$350,000		$350,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022		$350,000			☐
2023					☐
2024					☐
2025					☐
2026					☐
2027					☐
Total		$350,000			

Other Funding Source Description

Operating Budget Impact

Project Title	**ID** 226620
N/A	

Project Title **ID** 226626

Skatepark Expansion

Parks, Rec & Public Assembly

Division Parks

Classification Parks, Fields, Trails

Project Description

The Portland Skatepark is due for an expansion due to its popularity and overuse. The Portland Skatepark at Dougherty Field was installed in 2008 using a mix of public and private financing. For the expansion project, we have chosen an approach of a public-private partnership to fund the skatepark expansion. A fundraising campaign started in 2018 has recently gained steam and has a balance of over $100,000 in gifts and pledges to contribute towards this project.
Soon after installation in 2008, the skatepark became very popular and now regularly has crowds of dozens of skaters, bikers, and scooters of all ages. Through regular observations, we estimate that on an average day in spring, summer and fall, over 200 skaters, bikers and parents visit the skatepark, with many staying an hour or more. It is not uncommon for skaters to wait in line to drop into popular features, and the Parks Division regularly receives feedback from parents, skaters and others concerning the crowded conditions at the skatepark. The skatepark is used year round, and it is not uncommon to see skaters and families digging snow out of the bowls in order to be able to use the skatepark throughout the winter. The skatepark serves a wide range of Portlanders ranging from toddlers on scooters, to teens, to adults and entire families.

Project Justification

The Parks Division has been working with the skater community and a skatepark design firm in designing the expansion to the skate park. We held two public design meetings in May and June of 2017, attended by over 100 skaters, bikers and community members. During the public meetings, we have discussed general design concepts and gauged interest in forming a fundraising committee to assist with private fundraising.
The new design would add 6,500 sq feet to the existing 8,350 sq feet for a new total of 14,850 sq feet. This would give Portland the largest skatepark in Maine (currently in Lewiston at 12,500 feet). The new design would add plaza skating areas, as well as learning progression areas for younger skaters.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$20,000		$355,000		$375,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022	$120,000	$255,000			☐
2023					☐
2024					☐
2025					☐
2026					☐
2027					☐
Total	$120,000	$255,000			

Other Funding Source Description

The total cost estimate for the expansion is $375,000. A Skatepark committee made up of skaters, local business owners, parents and teachers has been actively fundraising with a series of events and online fundraisers, combined with outreach to foundations and individual donors. The Department of Parks, Recreation and Facilities challenged the fundraising committee to set a goal of contributing $100,000 towards this project, and the committee recently reached that goal through a combination of small individual donations of $5 and $10 from skaters, grassroots community events, and outreach to foundations and donors. The city has an existing approved CIP account with $20,000 available for design. The city would contribute an additional $255,000 towards the project through CIP funds.

Operating Budget Impact

N/A

Project Title **ID** 226622

ADA Walkway Paving--Deering Oaks

Parks, Rec & Public Assembly

Division Parks

Classification Parks, Fields, Trails

Project Description

Deering Oaks Park is one of the more recognizable historic parks in the area and for good reason. It is a place where all sorts of folks gather to participate in games, enjoy the playground or ravine, sit near the pond or experience the diverse number of events that occur there year after year. The Park is interwoven with many paths that connect the three bordering roads but, what it does not offer is sufficient ADA accessibility to its inner amenities.

Project Justification

Many of the sidewalks and pathways are very narrow and in poor condition due to frost and tree roots. This could be due to a lack of base material and compaction. This request is to connect the ADA compliant sidewalks on State Street with the new ADA walks being designed and built this coming year with existing funds. It will also provide accessibility via plaza renovation at the Castle and allow for activation of the pond through a concessionaire. Additionally, these funds will reconstruct pathways adjacent to Farmers Market Road leading up to current design work. Finally, these funds will allow us to expand on the ADA parking area above the Playground that will be connected to the Ravine and pond walk. Some of these recommendations can be seen on pages 3-6 of the Tindale Oliver ADA report from June 2019.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$118,000		$118,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022		$118,000			☐
2023					☐
2024					☐
2025					☐
2026					☐
2027					☐
Total		$118,000			

Other Funding Source Description

Operating Budget Impact

N/A

Project Title **ID** 226619

Golf Course HVAC and Drainage Upgrades

Parks, Rec & Public Assembly

Division Golf Course

Classification Facilities

Project Description

This project would upgrade the current HVAC system in the building which does not function correctly and would also allocate funding for needed drainage work on the golf course bunkers.

Project Justification

The heat and air conditioning in the building can not be controlled correctly and needs a complete upgrade. The temperature in various rooms of the bulding is often 80+ degrees which is not only uncomfortable for visitors but a significant waste of energy. Cost estimate provided by City HVAC staff.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$115,000		$115,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022		$115,000			☐
2023					☐
2024					☐
2025					☐
2026					☐
2027					☐
Total		$115,000			

Other Funding Source Description

Operating Budget Impact

N/A

Project Title **ID** 226616

Evergreen Cemetery Columbaria Phase II

Parks, Rec & Public Assembly

Division Parks

Classification Facilities

Project Description

This request will allow completion of the original Evergreen Cemetery Columbaria project of 2014. The estimate includes a 20% contingency due to cost fluctuations in the construction industry.
In 2014, Evergreen Cemetery proposed establishing a columbarium, i.e. an above ground structure with separate compartments that serve as the final resting place for the cremated remains of deceased persons. The original project called for the construction of 1 (one) 140 niche columbarium, and 2 (two) eighty niche columbaria. Due to overall construction costs, which included site work, it was decided to phase the installation of the 140 niche columbarium, and Phase II would consist of the construction and installation of the 2 (two) 80 niche columbaria.
Phase I was completed in 2015, and the 140 niche columbarium has reached 50% capacity. 70 niches have sold, with approximately 30 niche sales in 2020 alone.

Project Justification

The columbaria have a positive revenue effect on the cemetery division budget. The 2020 estimated construction cost of the Phase II columbaria is $90,000 and is estimated that the Phase II columbaria will provide an estimated $353,000 in revenue, based on 2020 fees.
Attached are the orginal drawings from 2014 for Phase I and II; these drawings will be used in the construction of Phase II as the footings for these units were poured during Phase I. Also attached are original construction estimates along with a recent construction update.
If successfully funded, it is expected that the Phase II columbaria will be constructed, installed, and put into use during 2021 construction season, most likely in the 4th quarter of the calendar year.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$108,000		$108,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022		$108,000			☐
2023					☐
2024					☐
2025					☐
2026					☐
2027					☐
Total		$108,000			

Other Funding Source Description

Operating Budget Impact

This project would insure the continuation of a steady source of revenue.

Project Title **ID** 216409

Court Resurfacing

Parks, Rec & Public Assembly

Division Parks

Classification Parks, Fields, Trails

Project Description

Complete resealing and repainting of 7 basketball courts, 3 tennis courts and sealcoating and lining 3 basketball courts and 2 pocket park walkways.

Project Justification

These pocket park courts are all integral pieces of the community and provide a fun and safe environment for kids and adults to recreate. These particular courts are all over 20 years old and failing because of poor surface sealing or lack of surface sealing. Cracks have developed and our annual freeze/thaw has widened the cracks. These courts have become very worn down and slippery. Sealing and repainting will add another 10-15 years of life to the the asphalt courts and present a safe surface for all ages to recreate on.

Focus areas for 2021 sealing and resurfacing would be Fox Street Basketball Courts, Lyman Moore Basketball Courts, Reiche School, Munjoy South Public Housing courts, and various West End Pocket Park courts (Tyng Tate, Clark St, Taylor St, Pleasant St).

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$96,800		$96,800

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022		$96,800			☐
2023					☐
2024					☐
2025					☐
2026					☐
2027					☐
Total		$96,800			

Other Funding Source Description

Operating Budget Impact

N/A

Project Title **ID** 226621

Deering Oaks Playground Accident Replacements

Parks, Rec & Public Assembly

Division Parks

Classification Equipment

Project Description

The year 2020 brought on many challenges and brought to the forefront many issues in our society. One major crisis is the drug overdose epidemic. Unfortunately, an individual overdosed while driving a vehicle and careened through Deering Oaks, taking a life and destroying City Property. This request is to fund the replacement of the items that were damaged beyond repair so that Deering Oaks can be whole again.

Project Justification

The damage started with the Baseball Field Bleachers where the life was lost. The additional items resided within the playground boundary and are a single net climber, 3 teeter totter seats and a seesaw. This playground is one of the City's most heavily used playgrounds and is in need of a full arsenal of equipment to keep all the visitors occupied and entertained.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$47,725	$47,725

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022		$47,725			☐
2023					☐
2024					☐
2025					☐
2026					☐
2027					☐
Total		$47,725			

Other Funding Source Description

Operating Budget Impact

N/A

Project Title **ID** 163160

Congress Square Redesign

Planning & Urban Development

Division Planning

Classification Parks, Fields, Trails

Project Description

This project includes completing the design work and construction of a redesigned intersection and public open spaces at High Street, Free Street, and Congress Street, called "Congress Square." The project objectives include improving traffic function and safety for all modes, improving the accessibility of the intersection crossings, sidewalks, and public open spaces, and placemaking by creating a more comfortable, functional, and attractive public space. The intersection design and construction also needs to be coordinated with the DPW signal upgrade project on Congress Street. The funding request includes construction documents and construction phases; the budgets are based on design development level design and estimates prepared by consultant WRT. The project has 2 construction phases - Phase A = roadway improvements (DPW FY21), Phase B = PMA plaza and Congress Square Park improvements (Planning FY22). The CIP entry in FY22 totaling $100,000 is to complete the Phase B Construction Documents.

Project Justification

The primary goal of this project is to improve accessibility, circulation, and safety at this key downtown location which serves as the primary public open space for many residents in this dense and diverse neighborhood. This project will create a strong identity and sense of place, improving the usability and aesthetics of Congress Square Park and the PMA plaza. It will also provide economic development benefits by encouraging investment in this part of Congress Street. The abutting property owners, especially the Westin Hotel and Portland Museum of Art, view these spaces as their front porch and rely on the first impression these public spaces create for their visitors and fully support the proposed improvements.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$100,000		$4,150,000		$4,250,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$250,000	$5,000		☑
2022	$50,000	$50,000			☐
2023	$1,850,000	$2,295,000			☐
2024					☐
2025					☐
2026					☐
2027					☐
Total	$1,900,000	$2,595,000	$5,000		

Other Funding Source Description

Friends of Congress Square Park have pledged $50,000 towards the $100,000 budget for Construction Documents for Phase B (PMA Plaza, Congress Square Park). A private fundraising effort is underway and expected to raise $1,850,000 as reflected in the other funding for Phase B construction. PACTS, CDBG, and other grant and private funds would be sought for these improvements but cannot be guaranteed. Similarly, Downtown TIF funds might help pay for these improvements. MaineDOT has agreed to fund the PDR and $1 million towards the construction for the intersection redesign (Phase A). We will also apply for MaineDOT stormwater protection funding.

Operating Budget Impact

The changes in the intersection will likely have an operating-budget neutral impact. There will be changes to the roadway configuration that will result in less pavement to plow/maintain. The plaza spaces are designed to require as minimal maintenance as possible with the suggestion that the City continue to enter into a MOU with Friends of Congress Square Park for programming and some maintenance.

Project Title **ID** 226760

212 Roof Replacement

Public Buildings & Waterfront

Division Canco Road

Classification Facilities

Project Description

Replace sections of the EPDM(Rubber) roof in phases due to budget constraints.
Analysis/Budget/Photo's attached

Project Justification

The existing EPDM roof was applied directly over a Tar & Gravel roof 25+ yrs ago. The Tar & Gravel application is most likey the original roof. This makes the T&G application 40+ yrs old. Due to expansion and contraction the T&G roof has stretched the EPDM causing leaks at the seams/edges and through screwheads which are in place to secure the roof insulation.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$1,125,000		$1,125,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022		$325,000			☐
2023		$400,000			☐
2024		$400,000			☐
2025					☐
2026					☐
2027					☐
Total		$1,125,000			

Other Funding Source Description

Reallocate existing Canco Rd Funding from -
C21B07 - 17,982
C21E05 - 76,835

Reducing the 2022 CIP Request to 230K

Operating Budget Impact

C21B07 - 250 Canco Rd Roof Replacement. All EPDM roofs are complete.
C21E05 - 250 Canco Rd Generator. This facility has adequate backup power. This generaotor was requested as redundency for citywide use.
I suggest reallocating the remaining balances in the above accts to apply towards the current request of 325,000, which reduces the 325k request to 230k.

Project Title **ID** 152255

Offices & Customer Service Areas A/C Installation

Public Buildings & Waterfront

Division City Hall

Classification Facilities

Project Description

Managers Office- Install" mini splits" for proper cooling and supplemental heat as needed.
State of Me Rm- Install mini splits for cooling only

Project Justification

It's upsurd how were trying to cool this facility. With today's technology we can do a much better job for our employees and the public while drastically reducing our energy cost. Mechanical technology today allows for minimal disruption during installation, and provides a professional well thoughtout plan.

This technology can be phased in over a couple yrs if need be, this is the most practicle approach for this facility.

The State of Me room is mostly off limits in the summertime, due to no air conditioning. It's not practicle to open windows as you can't have a conversation due to the outside commotion.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$465,000		$465,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		$150,000	$200,000		☑
2021		$150,000	$115,000		☑
2022		$150,000			☐
2023					☐
2024					☐
2025					☐
2026					☐
2027					☐
Total		$450,000	$315,000		

Other Funding Source Description

Combining CIP 2021 and allocation of requested CIP 2022 allows us to complete the next phase. (3rd fl)

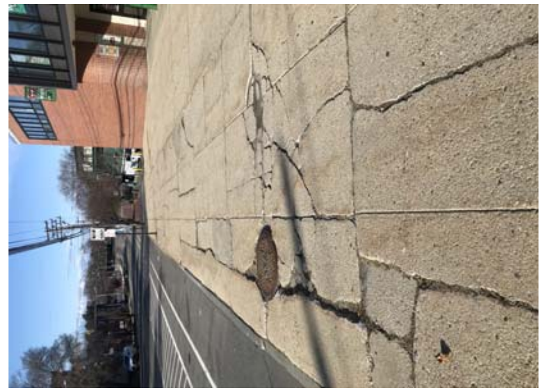
Operating Budget Impact

Eliminate the need for outside engineering cost by using the RFP procurement process. Mechanical contractors have in house engineers that provide the engineering for projects of all sizes and scope.
Phase this work in over the next 3 budget cycles. It's time and it's needed..

C21B08 - Reallocate remaining funds to C21B09 for a total of 130,000.
Move 2022 request to 2023.

Project Title **ID** 152247

Sidewalks at Exposition Building Entrance



Public Buildings & Waterfront

Division Exposition Building

Classification Sidewalks

Project Description

Replace 10,000 sq ft of concrete sidewalk.

Project Justification

This is a public right of way and main access for users of the Expo by both the School Dept and City.
This sidewalk was highlighted in the recent ADA assesment as well.

The cost of this walk is based on 6" concrete w/ a 12" mat of 1/2" rebar. This was recommended due the vehicle traffic that often crosses it.

Public Works Request?

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$10,000		$150,000		$160,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022		$160,000			☐
2023					☐
2024					☐
2025					☐
2026					☐
2027					☐
Total		$160,000			

Other Funding Source Description

School Dept Acct - 352118005 has a remaining balance of 167,000 from a project Public Buildings managed at East End School.
The Expo is used heavily by the school department has it's the home facility for Portland High School. School track programs use this facility to hold meets as well.

Operating Budget Impact

3 Medical issues in 2 years, written request for repairs by our tenants. Additional staffing at times to direct pedestrians.

Project Title **ID** 173582

Compass Park Ongoing pile/pier work

Public Buildings & Waterfront

Division Waterfront

Classification Marine

Project Description

Repair concrete/wood decks as needed.

Project Justification

3,000 sqft of Boardwalk needs replacing Eastside under pier needs attention. Piles and caps have failed.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$500,000		$500,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2018		$100,000			☑
2020		$100,000	$100,000		☑
2021		$100,000	$100,000		☑
2022					☐
2023		$200,000			☐
2024					☐
2025					☐
2026					☐
2027					☐
Total		$500,000	$200,000		

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 173581

POT - Pile Survey

Public Buildings & Waterfront

Division Waterfront

Classification Marine

Project Description

Review and catagorize condition of entire pier

Project Justification

A visual inspection was done in September 2015, there are signs of deteriation in 10-15% of the pier. However there are no signs of a catastropic failure about to take place.

The pier is due for a full inspection and should be done as the City Manager wants to market the 2nd fl office space.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$450,000				$450,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$150,000	$112,500		☑
2022					☐
2023					☐
2024		$337,500			☐
2025					☐
2026					☐
2027					☐
Total		$487,500	$112,500		

Other Funding Source Description

Operating Budget Impact

This space would generate 250-350k in revenue annually.
This is a must so we can determine the future cost and use of the entire structure.

Project Title **ID** 173579

On going pile/pier work at OG and P.O.T

Public Buildings & Waterfront

Division Waterfront

Classification Marine

Project Description

Replace failing pile,bents,caps. Coat piles as needed

Project Justification

There's deteriation at the head of the pier that needs to be addressed. At some point in the past someone spliced piles,bents,caps together instead of replacing them. The splices have failed leaving a portion of the deck unsupported. These piles support truck/pedestrain access to the pier.

Funds need to be allocated for pile work on both wood and steel piles annually. We have over 9000 piles between our 3 major piers.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$1,295,000		$1,295,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$170,000	$170,000		☑
2019		$225,000	$150,000		☑
2021		$225,000	$175,000		☑
2022					☐
2023		$225,000			☐
2024		$225,000			☐
2025		$350,000			☐
2026					☐
2027					☐
Total		$1,420,000	$495,000		

Other Funding Source Description

Operating Budget Impact

Closure of the pier would effect lease revenues and potential cruise passenger revenues.

Project Title **ID** 152257

Bollard/ Bit Replacement

Public Buildings & Waterfront

Division Waterfront

Classification Marine (i.e., piers)

Project Description

Maine State Pier Bollard Replacement

Project Justification

The existing bollards have proven to be inadequate for the size of the vessels that are frequenting our Port. The Portland Ocean Terminal has 10 - 40 ton bollards. I recommend we replace at least 3 of them with 100 ton bollards in the 2020 CIP.

2 Of the 40 ton bollards have snapped in the last 12 months. This is a safety issue, there's potential for multiple people to be seriously injured when this happens.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$500,000		$500,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		$100,000	$100,000		☑
2022					☐
2023					☐
2024					☐
2025		$400,000			☐
2026					☐
2027					☐
Total		$500,000	$100,000		

Other Funding Source Description

A 2.00 dollar infrastructure fee as been implemented as of 2019. Some of this funding should be allocated to 2021.

Operating Budget Impact

Properly sized bollards are crucial for both the pier infrastructure and the vessel. Pedestrian safety is at risk

Project Title **ID** 195007

DOT - MPI - Paving Stevens Avenue

Public Works

Division Engineering

Classification Transportation

Project Description

The work includes a 2” mill/fill on Stevens Avenue from Forest Avenueo Pleasant Street, approximately 0.90 miles. The work also includes updating sidewalk ramps to meet ADA requirements, replacement of areas of sidewalk in poor condition, reset or replacement of curb in areas, striping and reinstalling raised speed tables. inspection, 5% engineering, and 2% admin costs.

Project Justification

Per our latest street scan data, this portion of road has a Pavement Condition Index ranging between 42 to 49. In addition, the street has not been paved since the 1970's and is in need of repair. This is a minor arterial in proximity to a school and therefore improving this street will improve safety and ride quality for a large population of motorists, bicyclists, and pedestrians. This project is 50% funded by MDOT and therefore would provide great value of City resources.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$50,000		$1,140,000		$1,190,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022	$550,000	$640,000			☐
2023					☐
2024					☐
2025					☐
2026					☐
2027					☐
Total	$550,000	$640,000			

Other Funding Source Description

$500,000 from DOT
$50,000 from storm water work (manholes adjustments) requested separately
$640,000 new request
Note: The requested funding includes 5% contingency, 5% engineering costs, 5% inspection costs, and 2% administration costs.

Operating Budget Impact

Improving this road will reduce the maintenance required on this road such as pothole repair.

Project Title **ID** 226661

PACTS MPI - Elm Street Paving - Congress to Marginal

Public Works

Division Engineering

Classification Transportation

Project Description

The project includes a 1.5" mill/fill on Elm Street between Congress Street and Marginal Way. The project includes milling, paving, ADA upgrades to ramps within the project limits, some sidewalk reconstruction, and either new or reset curb in areas that are in need.

Project Justification

This project is part of the PACTS MPI program. PACTS pays a portion (typically 50%) of the estimated costs. This street was submitted as part of this program due to the PCI being between a 30 and 75 depending on which areas of the road were surveyed with a majority between 30 and 56. The road is in need of repair and is a minor arterial connecting downtown Portland with outer Portland. In addition, this street is highly utilized by METRO. The project hopes to implement bike lanes as part of its striping pattern and to meet the Bayside Master Plan.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$45,000		$540,000		$585,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022	$270,000	$315,000			☐
2023					☐
2024					☐
2025					☐
2026					☐
2027					☐
Total	$270,000	$315,000			

Other Funding Source Description

PACTS will pay $234,393.95
Stormwater/Sewer funds will pay for $35,000 of costs related to stormwater work. This is requested separately.
Note: The requested amount includes 10% engineering costs, 10% inspection costs, and 10% contingency.

Operating Budget Impact

Improving this road will reduce the maintenance required on this road such as pothole repair.

Project Title **ID** 141013

Pavement Preservation Program

Public Works

Division Engineering

Classification Transportation

Project Description

Preservation and rehab including combination of treatments ranging from crack sealing and preservation overlays to milling and resurfacing thoughout the city. Scope of work also includes improvements to storm and santitary structures, installation/improvement to ADA curb ramps as required, and other existing infrastructure. A reinventory of pavement conditions city-wide was completed in late fall of 2019 and results from that are being used to support the continued request for significant funding for improving and protecting our investment in infrastructure. All cost associated with a complete paving project are not direct paving costs. Funds are needed to maintain positive flow and safe access for driveways, adjustment of curb including work to comply with ADA, replacement/revisions to pavement markings and traffic signals (see separate Traffic signals request), adjustment/repair to sanitary/storm structures (see Sewer Fund requests).

Project Justification

Our 2019 street inventory concluded that 72% of the road segments in Portland need preventative maintenance projects such as crackseal, overlay, or mill/fill. Only 8% of the streets were deemed to be in good enough condition to only require deferred maintenance. The other 20% of the streets need even more help such as reconstruction or rehabilitation (requested as Street Rehab). The 72% of streets needing repair that would be covered as part of our Pavement Preservation Program equates to approximately 250 lane miles of roads. It is clear from this information, as well as the continual complaints and pothole repair requests that many streets in the City are in disrepair. The cost to maintain a road in poor condition will be four to six times higher than a road that is in good or better condition. We need to maintain the roads that are in good condition while providing upgrades to those in poor condition. Maintaining an adequate roadway system is essential to support transportation including vehicular, transit, pedestrian, and bicycle traffic throughout the city.

Keeping more streets in a good condition greatly reduces the annual maintenance costs city wide and also reduces hours needed to address concerns from residents/business regarding poor street condition.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$500,000		$30,240,000		$30,740,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2013		$4,000,000	$2,500,000		☑
2014		$4,000,000	$2,500,000		☑
2015		$4,000,000	$1,750,000		☑
2016		$4,000,000	$1,000,000		☑
2017		$4,000,000	$2,900,000		☑
2018		$3,800,000	$2,900,000		☑
2019		$3,800,000	$750,000		☑
2020		$4,000,000	$1,850,000		☑
2021	$200,000	$3,800,000	$1,610,000		☑
2022	$30,000	$1,500,000			☐
2023		$1,750,000			☐
2024		$2,000,000			☐
2025		$2,500,000			☐

Project Title		ID	141013		
2026			$2,500,000		☐
2027			$2,500,000		☐
Total	$230,000		$48,150,000	$17,760,000	

Other Funding Source Description

NOTE - 2% of the request is made to Sewer Fund, and separate General Fund request is made for traffic signal support.

Operating Budget Impact

Saves significant hours and material costs of minimally effective pothole patching; also has an indirect savings realized with less damage to the city fleet.

Project Title **ID** 141030

Sidewalk & ADA Rehabilitation Program

Public Works

Division Engineering

Classification Transportation

Project Description

2022: Funds requested this year would be used to help address a $50M backlog in poor condition sidewalk and ramps. Contracts would be created to help address the worst condition facilities, not meeting federal ADA requirements, along arterial roadways, on key pedestrian routes, and or near transit, schools and neighborhood centers. Funds may also be used to supplement other, larger projects (ie. resurfacing or water resource work) if outcomes align with the goals and priorities of the Sidewalk & ADA Rehabilitation Program.
2019: This program would fund a three-year construction contract to help address a $50M backlog in poor sidewalk condition, non-compliant ADA ramps and improve significant pedestrian crossings around the City. Contract scope would include a percentage of funds each year dedicated to each brick, concrete, and bituminous sidewalk work, with an additional allotment to cover electrical elements (pedestrian signal modifications, RRFBs, conduit, etc…) as needed.

Oct.31, 2017: This program includes high priority sidewalk infrastructure improvements, focused on areas with the heaviest pedestrian traffic and lack of ADA compliant facilities. Scope of projects may include brick, concrete and asphalt ramp and sidewalk reconstruction, reset or replacement of curb, driveway apron reconstruction to ensure continuous travel surface in both material and grade, and any additional work (pedestrian pole relocation, minor drainage improvements, etc…) to achieve these goals.

Project Justification

2022: Based on our Citywide inventory database and nominal improvements made during the 2020 construction season, the $50M+ backlog remains before all sidewalks and ramps in the city achieve an acceptable SCI rating of 80 or higher. At current funding levels, only a very small number of locations could be addressed depending on their complexity.

2019: A comprehensive condition inventory was completed in 2019 covering all sidewalks and ramps Citywide. Sidewalks were assigned a Sidewalk Condition Index (SCI; similar to PCI for pavment condition) on a scale of 0-100 and ramps were assesed as compliant or non-compliant. The result of this inventory indicated an approximate $50M backlog of work to bring all sidewalks and ramps to an SCI of 80 or higher and in compliance with today's ADA requirements. In an effort to streamline contract and contractor management, benefit from lower unit pricing on higher quantities and have a more consistent product, DPW is proposing a three-year construction contract at $1.5M each year to help address this considerable backlog.

Oct 2017: Significant progress has been made in spending down all prior funds; over $1M since 2016 which cleared out FY13-16. New funding is necessary to continue making progress in safety & accessibility of our pedestrian network.
This project is necessary for compliance with state and federal ADA requirements to maintain accessibility along sidewalks and across public streets. This project advances more than one Council adopted plan (Complete Streets Policy, Comprehensive Plan, Sidewalk Material Policy) and aims to fund a program that formerly achieved these goals thru the operating budget.
DPW maintains a database of requests for sidewalk construction and rehabilitation. As of October 2017, this list identified a current backlog of 30 High Priority projects that have an estimated completion cost of $2.9 million. From 2015-2017, the Sidewalk Rehab Program constructed approximately $1.03 million in sidewalk and ADA infrastructure improvements and contributed another $1.1 million toward similar projects with multiple funding sources. The projects completed between 2015 and 2017 drew down lingering CIP sidewalk funds dating back to 2013.

Prior entry:
Maintaining accessibility along sidewalks and across public streets is a federal regulation (ADA). Project is necessary to meet current state or federal requirements; Project advances more than one policy of a Council adopted plan (Complete Streets and Comp Plan.)
A portion of the sidewalk funding is recommended to address high priorities identified as part of Safe Routes to School planning. Regular repair to hazards and ongoing maintenance will prevent numerous required 'fixes' that now are funded via the operating budget. DPW planning for 2013 Sidewalk CIP program identified over $5M in priority needs.

Project Title **ID** 141030

Repairs also prevent claims from trips or slips on hazardous sidewalk locations.
Past phases have been funded and the program remains viable - funded in FY '10, '13 & '14 CIP.
Arterial/Collector Accessibility was a high priority of the 1993 City Transportation Plan and continues to be.
Service on sidewalks in poor condition is interrupted and is a safety issue for the public; the funding is required for regular maintenance and replacement.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$600,000		$11,100,000		$11,700,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2013		$700,000	$700,000		☑
2014		$700,000	$700,000		☑
2015		$850,000	$700,000		☑
2016		$700,000	$500,000		☑
2017		$600,000	$500,000		☑
2018		$600,000	$600,000		☑
2019		$750,000	$700,000		☑
2020		$1,000,000	$650,000		☑
2021		$1,000,000	$500,000		☑
2022		$600,000			☐
2023		$750,000			☐
2024		$1,000,000			☐
2025		$1,200,000			☐
2026		$1,200,000			☐
2027		$1,400,000			☐
Total		$13,050,000	$5,550,000		

Other Funding Source Description

Paving Preservation
TIF
CDBG

Operating Budget Impact

In-house staff may be asked to help with small scale repairs that are not a good fit or are too small for a larger contract. New sidewalk segments may be added to winter sidewalk plow routes and increase operating costs. Rehabilitation of sidewalks and ramps in poor condition will reduce operating costs related to temporary repairs, and may reduce liability claims.

Project Title **ID** 194960

Congress Square Intersection Construction - DOT Eligible

Public Works

Division Engineering

Classification Transportation

Project Description

October 22, 2019: Update project cost based on preliminary cost estimate from 2018 and esculator based on construction cost overruns in the 2019 construction season.

October 31, 2017: Construct the intersection of High, Congress and Free Street as per the Congress Square Master Plan.

Project Justification

The Congress Square Master Plan has a completed preliminary design, and will likely have final design completed by the end of CY 2019. The plan for the intersection would include elimination of the right turn slip lane from High Street to Free Street, and adjustments to High at Congress to make it a more conventional urban intersection. As part of this work, the traffic signal would be overhauled. The design of the signal and the design of the intersection are linked, due to proposed locations of foundations and mast arm structures, so signal and intersection work should take place at the same time. This request constitutes the portion of the project cost that is eligible for DOT reimbursement, which includes items like paving, traffic signals, etc.; in general, the "typical" roadway and intersection elements.

Construction funding will be shared with MaineDOT. This request includes that funding. Another request is for funding of non-DOT-eligible elements such as specialty pavers and lighting.

This phase of the project is separate from the eventual reconstruction of Congress Square park.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$270,000		$2,443,460		$2,713,460

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		$150,000	$150,000		☑
2022	$1,363,460	$1,200,000			☐
2023					☐
2024					☐
2025					☐
2026					☐
2027					☐
Total	$1,363,460	$1,350,000	$150,000		

Other Funding Source Description

This request includes all items eligible for DOT reimbursement.

Other Funding includes an assumed $325,000 contribution from the Transportation Impact Fee fund. Other construction funding (approx $1M) would come from MaineDOT. Partial funding for design phase from MaineDOT is $38,460, for a total outside funding amount of $1,363,460.

Design fund requests include $81,540 for design ($120,000 estimate less the $38,460 described above), plus the $150,000 for construction phase support already approved in the 2020 CIP.

A design fee of $120,000 is included in this request. Construction funding based on a $2.985M initial estimate from Sebago Technics in 2018, escalated by 20% to $3,704,000 to account for anticipated construction cost escalation as observed in CY2019. This amount, less the Other Funding described above and the City's share of the design fee ($81,540) rounds out the requested funding in the 2021 FY.

Please note that the DOT non-eligible funding, and Planning Department support costs, are separate CIP requests.

Operating Budget Impact

New curbing, sidewalk, and traffic signal work would reduce maintenance and repairs, which are significant here, particularly around the existing aging signal equipment.

Project Title **ID** 205709

PACTS TIP - Brighton Avenue Multi-Modal Project

Public Works

Division Engineering

Classification Transportation

Project Description

FY22: $123,750 - Assumes DOT completion of PDR and shifting to PIC/ROW by end of CY2022.

Project Justification

2019: This project now needs enhanced project scoping with MDOT and PACTS to further define the project, which will then inform the design process.
2018: This project has been developed through the PACTS Complex Projects process. The scope of work is planned to include replacement of signal equipment at six intersections, including ramp and ADA modifications, bicycle detection and transit priority as needed. Sidewalk rehabilitation to bring sidewalks into good condition and ADA compliance. Mill and fill paving, and provision of enhanced bicycle facilities along Route 25. Modifications in the Rosemont area as needed to support the proposed METRO Husky Lane. The project includes elements of Preservation (roadway and sidewalks) and Modernization (traffic/pedestrian/transit priority signals, roadway/bikeway striping-pavement markings, transit stop upgrades, and achieving ADA compliance along Brighton Ave).

The intended result is to initiate this agreement and begin the project by holding a joint kick-off meeting. These PACTS projects provide key transportation outcomes by matching local dollars with three dollars of Federal and State money. This program provides us with maximum benefit at a minimum cost and provides significant improvements to our vital Transportation system.

The first round of funding is for Preliminary Design, followed by Final Design and Right of Way, with Construction Likely in 2021.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$300,000		$8,450,000		$8,750,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022	$146,250	$123,750			☐
2023	$75,000	$62,500			☐
2024	$3,000,000	$1,000,000			☐
2025	$75,000	$62,500			☐
2026	$3,000,000	$1,000,000			☐
2027	$75,000	$130,000			☐
Total	$6,371,250	$2,378,750			

Other Funding Source Description

MaineDOT/PACTS funding for design and construction

Operating Budget Impact

Project Title **ID** 141023

Traffic Signals Upgrade Program

Public Works

Division Engineering

Classification Transportation

Project Description

FY 2022 Request: Pearl at Cumberland: $500,000

Project Justification

Properly updated and coordinated signal systems, along with state-of-the-art detection and pedestrian/bicycle crossing devices, can improve traffic flow along major corridors and provide safety for all modes of travel. At this time, the City has approximately 120 active signal systems, and with a signal proposed for Marginal at Chestnut Street, the system is growing.

Portland invested heavily in its signal systems about 30 years ago, and had a very modern OSAM (DOS-based) control system. The City is now fully two-generations from this system, in its first stages of placing Advanced Traffic Control Systems (ATC), tied to an updated ATMS.now-based state-of-the-art communications system. In addition, the age of much of the equipment has gotten to the point where a number of signal control cabinets have moisture problems, controllers fail, wiring is corroding, and bases are rusting away. Some type of signal failure, ranging from lights going to flash to broken wires to complete power loss happens several times a week, usually due to the age of the equipment.

The traffic technicians have become less about regular maintenance and fine-tuning and more about emergency response, having to act, often on-call after hours, to ensure the safe and efficient passage of movement along Portland's major routes.

Furthermore, current ADA and state/federal requirements dictate having larger and brighter, LED-based lighting, pedestrian crossing buttons with audio, countdown heads with a seconds indicator, video or infrared-based camera detection, 12-inch signal heads with reflective back plates and fiber-optic interconnect to bring signal systems into the 21st century. While the RTMS-based funding from PACTS and in a separate CIP account have allowed for some corridor optimization, many locations simply do not meet current operational requirements, nor do they demonstrate adequate reliability.

This year's request and subsequent requests are part of a five-year plan to bring the City's signal systems to a reliable, modern and compliant state, and allow for better pedestrian provisions, bicycle detection, and flexible timing plans during special events. The request for State Street will begin to address issues of lack of connectivity and aging equipment, and all upgrades will be able to accommodate future changes in traffic patterns if a two-way conversion is to take place at some time in the future.

Signal equipment requests in this CIP line item as of 2018 will be for signal-specific projects, as opposed to support of MaineDOT, RTMS, or City paving projects.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$600,000		$5,765,000		$6,365,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2014		$168,500	$165,000		✔
2015	$195,000	$230,000	$230,000		✔
2017		$200,000	$200,000		✔
2018		$900,000	$600,000		✔

Project Title **ID** 141023

2019		$675,000	$500,000	☑
2020		$525,000	$525,000	☑
2021		$575,000	$300,000	☑
2022		$500,000		☐
2023		$500,000		☐
2024		$500,000		☐
2025		$700,000		☐
2026		$700,000		☐
2027		$750,000		☐
Total	$195,000	$6,923,500	$2,520,000	

Other Funding Source Description

Pearl at Cumberland and Congress: $900,000

Operating Budget Impact

Reduction in call back and service calls. Lower eletrical operating costs with LED installations. Safer pedestrian crossings meeting ADA compliance.

Project Title **ID** 141009

Water Resource Project Ineligibles (CSO Compliance-SRF Ineligibles)

Public Works

Division Engineering

Classification Transportation

Project Description

To fund portions of the City's 2021 Combined Sewer Overflow (CSO) projects that are not State Revolving Loan Funds (SRF) eligible. Example CY2021 projects include: Pearl Street, Back Cove West, Fore Street

These projects will be expected to achieve additional improvements to infrastructure, and if SRF is used to fund the CSO objectives the City will be obligated to supply funding from CIP. These project objectives & CIP funding needs will continue to exist as long as SRF is used for the ongoing CSO Program.

Project Justification

The City's CSO program is a Federally and State mandated program.
The City's use of the State Revolving Loan Fund (SRF) limits the ability to repair and upgrade infrastructure to the City's ADA compliance and technical standards requirements. Limitations include the installation of new gravels, underdrain, granite curbing, ADA ramps, and sidewalks. This funding is also used for the purchase of easements and property to achieve CSO project execution.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$6,490,000		$6,490,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2013		$500,000	$500,000		☑
2015		$1,000,000	$800,000		☑
2017		$1,000,000	$400,000		☑
2018		$1,000,000	$600,000		☑
2019		$2,000,000	$600,000		☑
2020		$800,000	$500,000		☑
2021		$500,000	$290,000		☑
2022		$300,000			☐
2023		$500,000			☐
2024		$500,000			☐
2025		$500,000			☐
2026		$500,000			☐
2027		$500,000			☐
Total		$9,600,000	$3,690,000		

Other Funding Source Description

Operating Budget Impact

Dependent on each project scope; there could be reduced maintenance costs of roadways, pavement markings, signal systems, and sidewalks if improvements are made to those systems as CSO abatement work progresses

Project Title **ID** 215875

High-Speed Communications for Adaptive Signal Corridors and Improved Coordination

Public Works

Division Engineering

Classification Transportation

Project Description

Funding for high-speed communications for Adaptive Signal System Support.

Year 1: Forest Avenue - Falmouth Street to Woodfords Corner - COMPLETE
Year 2: Forest Avenue - Woodfords Corner to Morrill's Corner
Year 3: Brighton Avenue - St. John Street to Nasons Corner
Year 4: Brighton Avenue - Nasons Corner to Taft Street
Year 5: Forest Avenue - Morrill's Corner to Riverton School
Year 6: Forest Avenue - Riverton School to Riverside Street

Project Justification

With the exception of Washington Avenue/Auburn Street off-peninsula, the City's signal system along its primary arterials is served by aging twisted-pair copper wire, which is decades old and has limited bandwidth.

As per a summary report prepared by RapidFlow, one of the companies providing adaptive technologies to the Portland signal system, in September 2019:

Network communication continues to be a concern for both Rapid Flow and the City of Portland. The use of Ethernet over copper communications is, in general, sufficient for good Surtrac operation, but downtime coming from poor communication will have an effect on Surtrac performance. The Actelis network devices can only be as reliable as the 30+ year copper interconnect that runs throughout the city.

As such, the request is to bring the City's signal communications system where adaptive equipment is being installed up to modern communications and reliability standards.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$5,000		$620,000		$625,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022		$100,000			☐
2023		$100,000			☐
2024		$100,000			☐
2025		$100,000			☐
2026		$100,000			☐
2027		$125,000			☐
Total		$625,000			

Other Funding Source Description

Operating Budget Impact

Project Title	**ID** 215875

Fewer communications failures and traffic operations staff call-ins. More effective and robust timing plans, reducing time moving through the City.

Project Title **ID** 226770

Federal Street Cemetary Wall Repair

Public Works

Division Engineering

Classification Facilities

Project Description

FY22: $35,000 for engineering
FY23: $100,000 for construction

Project Justification

The cemetery wall on Federal Street is at increased risk of failure and needs some level of reconstruction.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$35,000		$100,000		$135,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022		$35,000			☐
2023		$100,000			☐
2024					☐
2025					☐
2026					☐
2027					☐
Total		$135,000			

Other Funding Source Description

Operating Budget Impact

Larger repairs will help with annual efforts to patch and avoid the potential of losing cemetary contents into the roadway.

Project Title **ID** 226773

DOT Bridge Report

Public Works

Division Engineering

Classification Streets/Sidewalks

Project Description

Guardrail repair

Project Justification

Needed for safety of traveling public

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$25,000		$25,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022		$25,000			☐
2023					☐
2024					☐
2025					☐
2026					☐
2027					☐
Total		$25,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 226771

Andrews Square Supplemental Funding

Public Works

Division Engineering

Classification Transportation

Project Description

FY22: $100,000 for higher than expected bid prices

Project Justification

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$100,000		$100,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022		$100,000			☐
2023					☐
2024					☐
2025					☐
2026					☐
2027					☐
Total		$100,000			

Other Funding Source Description

Operating Budget Impact

FY22 City Manager Recommended Water Resources CIP			
Wastewater	Stormwater	Fore Street Sewer Separation	2,300,000.00
Wastewater	Sewer	CSO-Non SRF Sewer / Storm Consulting and Inspection Services	1,500,000.00
Wastewater	Sewer	Inflow and Infiltration Phase 3 Mitigation	1,100,000.00
Wastewater	Sewer	CSO - Close CSO #39	700,000.00
Wastewater	Sewer	CMOM - Pump Station Rehabilitation	670,000.00
Wastewater	Sewer	CSO - Close CSO #42	500,000.00
Wastewater	Sewer	Concord Street and Mayer Road Sewer Repair/Replacement	500,000.00
Wastewater	Sewer	CMOM - Sewer System Renewal	500,000.00
Wastewater	Stormwater	Presumpscot Culvert	475,000.00
Facilities	Sewer	District Road Fueling Island	313,000.00
Wastewater	Sewer	ESRI Conversion to Utility Network	225,000.00
Vehicles	Sewer	Sweeper (#3143) Replacement	200,000.00
Wastewater	Stormwater	Stormwater Neighborhood Infrastructure Improvements	200,000.00
Stormwater	Stormwater	Green Infrastructure	200,000.00
Wastewater	Sewer	CSO - #26 Sewershed	200,000.00
Vehicles	Sewer	Truck Replacement (#2511)	50,000.00
Vehicles	Sewer	Supervisor Truck (#2112) Replacement	50,000.00
TOTAL NEW WATER RESOURCES BORROWING			**9,683,000**
FY21 Water Resource CIP Reallocations			-2,300,000
New Water Resources Borrowing			**7,383,000**

Project Title **ID** 205661

Fore Street Sewer Separation

Water Resources

Division Stormwater

Classification Wastewater

Project Description

Sewer separation of Fore Street from Morning Street to the Thames Street Connector Road

Project Justification

This project is a continuation of the new Thames Street stormwater outfall and would involve installing 1,700 feet of new storm drain and 29 new catchbasins. Currently Fore Street is combined and overflows at CSO #23 when the sewer system is over capacity. There are 25 catch basins currently flowing into the combined sewer system in the Fore Street sewershed which will be separated as part of this project. The contributing drainage area to be separated is approximately 50 acres. This project has also identified approximately 1,000 lf of combined sewer in poor condition for replacement. The transporation division has identified the replacement of existing pedestrian ramps as part of this project and will also request funding as part of the transportation CIP.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$100,000		$4,000,000		$4,100,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		$100,000	$100,000		☑
2022		$4,000,000			☐
2023					☐
2024					☐
2025					☐
2026					☐
2027					☐
Total		$4,100,000	$100,000		

Other Funding Source Description

This project will include additional paving outside the utility trench limits and ADA ramp improvements which are to be funded by a separate CIP Request by the transporation division.

Operating Budget Impact

Project Title **ID** 194901

CSO-Non SRF Sewer / Storm Consulting and Inspection Services

Water Resources

Division Sewer

Classification Wastewater

Project Description

To be used for consulting services that are not SRF eligible, including but not limiting to; test pits, CCTV, borings, geo-techinical, etc.

Project Justification

Due to the cities current procurement procedures some services are not SRF eligible. This would be used to cover those services.
Inspection services for the following:
Back Cove West Storage Conduit = $1.3M
Warren Ave Hicks to Hemmingway = $150K

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$2,000,000		$2,000,000		$4,000,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		$500,000	$500,000		☑
2022		$1,500,000			☐
2023		$500,000			☐
2024		$500,000			☐
2025		$500,000			☐
2026		$500,000			☐
2027					☐
Total		$4,000,000	$500,000		

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 216228

Inflow and Infiltration Phase 3 Mitigation

Water Resources

Division Sewer

Classification Wastewater

Project Description

The Inflow and Infiltration Program is a multi-year three phase program to identify and remove extraneous flows to the sanitary sewer system. Phase 3 is the mitigation of sewers found to be deficient and a source of infiltration into the system. All work is based on the Inflow and Infiltration Program Final Report which provides a three phase mitigation strategy to address Inflow and Infiltration.

Project Justification

Phase three of the Inflow and Infiltration Program is the mitigation phase to address sources of extraneous flows identified in both Phase one and Phase two. For the most part, mitigation measures will utilize Trenchless Technologies to address leaky pipes and manholes. Additional consideration will be made to address connected sump pumps and leaky laterals.

Mitigation Phase 1 Estimated Cost = $8,864,857 (includes engineering and contingency costs). Full program esitmated to cost $18,813,821 over three phases.

Will utilize existing Sewer System Renewal Accounts (3173019504, C20512, C21505) for 3.3 million of the estimated costs for the first phase. Current request have been based on rehabilitation estimate not including engineering and contigency costs. As the Mitigation Phase 1 is underway and completed, future funding requests may be revised.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$9,350,000		$9,350,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022		$1,100,000			☐
2023		$1,650,000			☐
2024		$1,650,000			☐
2025		$1,650,000			☐
2026		$1,650,000			☐
2027		$1,650,000			☐
Total		$9,350,000			

Other Funding Source Description

Operating Budget Impact

All funding will come from CIP accounts.

Project Title **ID** 216238

CSO - Close CSO #39

Water Resources

Division Sewer

Classification Wastewater

Project Description

To close Combined Sewer Overflow #39 into the Fore River.

Project Justification

In order to close CSO #39, existing combined sewer pipes in the area must be separated. This CSO is one of the most active and consistent overflows in the City and discharges to a heavily used recreational area.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$700,000		$700,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022		$700,000			☐
2023					☐
2024					☐
2025					☐
2026					☐
2027					☐
Total		$700,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 152461

CMOM - Pump Station Rehabilitation

Water Resources

Division Sewer

Classification Wastewater

Project Description

This budget request is to meet EPA Administrative Order requirements based on recommendations from the CMOM report which was done by Woodard and Curran.

The following projects remain to be completed:
Riverton Replacement with Submersible Pump Station
Castine Replacement of Security Fence and Generator
Franklin Street Wet Well Coating
SCADA and Hardware Updates
Flowmeters at Pump Stations

Project Justification

CIP Year 2022 Projects: Riverton Pump Station Replacement, additional flow meters at Pump Stations, and SCADA upgrades

A majority of the existing funding in this account has been spent out with the increased scope of Franklin Street Pump Station. The Riverton Pump Station Replacement project is currently under design and will be bid in February 2021. Expected to use all existing funds for this project.

Future year CIP work include the replacement of coating for the wet well at Franklin Street Pump Station, flow meter installation at the remaining pump stations, ventilation alarms, pump replacements, and various other upgrades as required including SCADA systems.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$9,890,000		$9,890,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2015		$682,000	$680,000		☑
2016		$670,000	$670,000		☑
2017		$1,100,000	$1,100,000		☑
2018		$670,000	$670,000		☑
2019		$670,000	$670,000		☑
2020		$2,000,000	$2,000,000		☑
2021		$750,000	$750,000		☑
2022		$670,000			☐
2023		$670,000			☐
2024		$670,000			☐
2025		$670,000			☐
2026		$670,000			☐
2027					☐
Total		$9,892,000	$6,540,000		

Project Title **ID** 152461

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 152384

CSO - Close CSO #42

Water Resources

Division Sewer

Classification Wastewater

Project Description

Do a detailed study of the Capisic sewer system and watershed to determine where and how storm water is entering into the sewer system and causing sewer overflows at CSO#42. Overflows at CSO #42 were supposed to eliminated at the completion of Tier 2 but they are still occurring even after completing all of the projects outlined in Tier 2 and the CSO Master Plan. This study would involve hiring a consultant and also installing numerous flow meters within the system for the first year. Subsequent years will involve actual design and construction of action items determined by the study to fully close CSO #42.

This project has been added to the Inflow and Infiltration and the initial investigation has been completed. Work is ongoing to design and address connected roof leaders. Additionally, the interceptor in the City owned wetland north of Warren Avenue will likely need rehabilitation.

Project Justification

The completion of Tier 2 separation projects within the Capisic Brook Watershed was supposed to close CSO#42. This action was not successful and more work needs to be done in order to obtain complete closure. The CSO Long Term Control Plan Tier 3 update did not propose any new projects or studies of Capisic Brook because it was thought that at the completion of Tier 2 CSO #42 would be closed. Since this CSO is still overflowing on rain events and we did not meet the goal of Tier 2 a new CIP request has been made in order to correct this and meet our long term control plan and consent decree. By still overflowing at CSO #42 we are not in compliance with our consent decree and DEP may take action due to this.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$125,000		$800,000		$925,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2015		$75,000	$75,000		☑
2019		$100,000	$100,000		☑
2020		$250,000	$250,000		☑
2022		$500,000			☐
2023					☐
2024					☐
2025					☐
2026					☐
2027					☐
Total		$925,000	$425,000		

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 226697

Concord Street and Mayer Road Sewer Repair/Replacement

Water Resources

Division Sewer

Classification Wastewater

Project Description

Funds to address large sewer replacement, emergency repairs, or issues causing overflows.

Project Justification

Mayer Road and Concord Street have structural issues that require replacement and repair. If the request is not approved, funding will be obtained through the Operating budget as emergency work. Future year requests are for any projects that need to be addressed found through inspections or complaints.

Unexpected sewer repairs and replacements occur and require the use of time and material contracts. Currently, the Finance Department determines how to pay for these when they occur. This request would created a dedicated CIP fund. See attachment for 2020, though two recent repairs are not included. It is anticipated that total costs will be in the $250,000-$260,000 range.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$1,750,000		$1,750,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022		$500,000			☐
2023		$250,000			☐
2024		$250,000			☐
2025		$250,000			☐
2026		$250,000			☐
2027		$250,000			☐
Total		$1,750,000			

Other Funding Source Description

Operating Budget Impact

Emergency work has been funded through the Operating budget. This request will take care of two known projects that otherwise would have been paid for through the Operating budget.

Project Title **ID** 141793

CMOM - Sewer System Renewal

Water Resources

Division Sewer

Classification Wastewater

Project Description

Project involves engineering and construction of replacement/upgrades of priority sanitary sewers throughout the City's sewer network of over 200 miles of sewer lines, that require replacement, relining or upgrade as recommended by the outside consulting report on condition assessment of the sewer infrastructure.

Project Justification

The City of Portland has an aging sewer infrastructure with some sewer lines reaching over 100 years in age. While we have highly invested in upgrading and eliminating CSO's, funding in past several years has been limited to support a basic service level for sewer cleaning and repairs, less preventive and more emergency response to sewer line needs. As a result of staff reports to the Department of Environmental Protection (DEP),on dry weather and wet weather sanitary sewer overflows, (SSO's), EPA issued an Administrative Order on September 27, 2012 due the Agencies view that the City violated the Clean Water Act and is subject to penalities and further mandates. See Attached. The mandates require that the City enter into a CMOM program. CMOM stands for Capacity, Management, Operations, and Maintenance Assessment. The program follows a 2012-2013 condition assessment report of the City's sewer infrastructure, that once completed will recommend specific preventive maintenance investments to eliminate the occurances of SSO's.

The City of Portland currently has three contractors under contract.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$10,200,000		$10,200,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2014		$1,000,000	$1,000,000		☑
2015		$1,100,000	$1,100,000		☑
2016		$1,100,000	$1,100,000		☑
2017		$1,100,000	$1,100,000		☑
2018		$1,100,000	$1,100,000		☑
2019		$1,100,000	$1,100,000		☑
2020		$1,100,000	$1,100,000		☑
2021		$1,100,000	$1,100,000		☑
2022		$500,000			☐
2023		$250,000			☐
2024		$250,000			☐
2025		$250,000			☐
2026		$250,000			☐
2027					☐
Total		$10,200,000	$8,700,000		

Other Funding Source Description

Project Title **ID** 141793

Operating Budget Impact

Staff is anticipating that as a result of an enhanced sewer preventive maintenance program and regular preventive maintenance, the Department will avoid unanticipated sewer line collapses that can cost anywhere from $40,000-$250,000 depending upon the length and location of the sewer line. In addition, the program will contribute toward avoiding fines and penalities as adminisistered by EPA. Based on our CSO Engineering Consultant recommendations, reoccuring sewer line replacement and upgrades could costs as much as $3,000,000 per year.

Over $500,000 was spent in 2020 throughout the City to rehabilitate manholes and sewer lines.

Project Title **ID** 216227

Presumpscot Culvert

Water Resources

Division Stormwater

Classification Wastewater

Project Description

Replacement of existing 3'x4' concrete box culvert which was originally constructed in approximately 1930.

Project Justification

The sidewall of the existing culvert is failing.
Need additional funds due to increase in prices.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$1,225,000		$1,225,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2021		$750,000	$750,000		☑
2022		$475,000			☐
2023					☐
2024					☐
2025					☐
2026					☐
2027					☐
Total		$1,225,000	$750,000		

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 226698

District Road Fueling Island

Water Resources

Division Sewer

Classification Facilities

Project Description

Installation of a diesel fueling island for an already purchased tank. To be used for solid waste packers and water resources heavy equipment. Cost should be divided between General Fund and Water Resources

Project Justification

All Solid Waste packers and some Water Resources equipment that require diesel currently have to travel five miles from District Road to 212 Canco Road in order to fuel up. The island is needed to fuel vehicles up and the request is for associated site work, electrical, and piping in order to connect the already purchased tank to a filling station.

Cost estimate prepared by City staff.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$313,000		$313,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022		$313,000			☐
2023					☐
2024					☐
2025					☐
2026					☐
2027					☐
Total		$313,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 216237

ESRI Conversion to Utility Network

Water Resources

Division Sewer

Classification Wastewater

Project Description

Transition from ArcMap and the geometric network to ArcGIS Pro and the Utility Network, along with transitioning all of the current tools that we use to the newer versions. Crews will be able to edit and trace the path of the network data in the field. The technology can handle modern data needs and makes it easy to share information securely with those who need it.

Project Justification

In the next 5+ years Esri will be transitioning its development and resources to ArcGIS Pro and the Water Resources GIS (along with the rest of the City) will need to start to move towards that transition. This transition will affect GIS, Cityworks, ITpipes as well as our ArcGIS Enterprise system and services.

The first step would be to work with the ESRI team to determine what components, additional software, other systems would be affected and what the level of effort would be. The following years would be implementation of the upgrade.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$250,000				$250,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2021		$25,000	$25,000		☑
2022		$225,000			☐
2023					☐
2024					☐
2025					☐
2026					☐
2027					☐
Total		$250,000	$25,000		

Other Funding Source Description

Operating Budget Impact

There will likely be annual licensing fees.

Project Title **ID** 226694

Sweeper (#3143) Replacement

Water Resources

Division Sewer

Classification Vehicles

Project Description

Purchase a new sweeper to replace #3143 after five years of service.

Project Justification

Follows existing replacement strategy after 5 years of continous service.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$200,000	$200,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022		$200,000			☐
2023					☐
2024					☐
2025					☐
2026					☐
2027					☐
Total		$200,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 226688

Stormwater Neighborhood Infrastructure Improvements

Water Resources

Division Stormwater

Classification Wastewater

Project Description

Stormwater projects within neighborhoods to fix issues when a complaint has been received.

Project Justification

Stormwater projects to mitigate complaints received from residents with stormwater issues within their neighborhoods

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$1,000,000		$1,000,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022		$200,000			☐
2023		$200,000			☐
2024		$200,000			☐
2025		$200,000			☐
2026		$200,000			☐
2027					☐
Total		$1,000,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 141794

Green Infrastructure

Water Resources

Division Stormwater

Classification Stormwater

Project Description

Design and construction of added Green Infrastructure systems, storm drainage piping, catch basins and other improvements addressing street and property flooding, combined sewer capacity in the West End and erosion issues as well as stormwater pipe failures. Project funds would be used within public rights of way, on public property, and within private property affecting public right of way, where existing drainage systems are inadequate.

Project Justification

The project funds would address on going complaints about drainage system deficiences within the City's storm drainage system and addresses issues that the Department receives request to correct from residents, City Councilors and or staff, including many from off peninsula neighborhoods. The department is also looking to utilize Green Infrastructure within combined sewershed areas to address capacity issues that have resulted in a high frequency of overland Sanitary Sewer overflows. The proposed storm water utility program if adopted would fund improvements and system corrections on a sustained basis.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$2,822,000		$2,822,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2024		$200,000			☐
2025		$200,000			☐
2026		$200,000			☐
2027		$200,000			☐
2019		$272,000	$272,000		☑
2020		$750,000	$750,000		☑
2016		$200,000	$200,000		☑
2017		$200,000	$200,000		☑
2018		$200,000	$200,000		☑
2022		$200,000			☐
2023		$200,000			☐
Total		$2,822,000	$1,622,000		

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 216241

CSO - #26 Sewershed

Water Resources

Division Sewer

Classification Wastewater

Project Description

This is an initial investigation to eliminate the sanitary sewer overflows ISSO's) occuring at CSO # 26.

Project Justification

As part of the City's CMOM program the EPA requires the City to identify and eliminate SSO's all over the City. This investigation will help kickoff that effort in this sewershed.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$200,000		$500,000		$700,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022		$200,000			☐
2023		$500,000			☐
2024					☐
2025					☐
2026					☐
2027					☐
Total		$700,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 226696

Truck Replacement (#2511)

Water Resources

Division Sewer

Classification Vehicles

Project Description

Replace truck #2511 with a better equipped unit. #2511 would go to auction.

Project Justification

Replace with 3/4 ton / lift gate / tool box. Current inspector vehicles are inadequate in terms of storage capacity and lift gate capability.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$50,000	$50,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022		$50,000			☐
2023					☐
2024					☐
2025					☐
2026					☐
2027					☐
Total		$50,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 226693

Supervisor Truck (#2112) Replacement

Water Resources

Division Sewer

Classification Vehicles

Project Description

Replace the supervisor truck (#2112) and use it as a dedicated rodder truck vehicle. Part of 5 year rotation

Project Justification

With additional sewer cleaning being completed along with sewer inspections, a dedicated rodder truck would make cleaning sewers more efficient.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$50,000	$50,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2022		$50,000			☐
2023					☐
2024					☐
2025					☐
2026					☐
2027					☐
Total		$50,000			

Other Funding Source Description

Operating Budget Impact

KATE SNYDER (MAYOR)
BELINDA S. RAY (1)
SPENCER R. THIBODEAU (2)
TAE Y. CHONG (3)
ANDREW ZORROW (4)

CITY OF PORTLAND
IN THE CITY COUNCIL

MARK DION (5)
APRIL FOURNIER (A/L)
PIOUS ALI (A/L)
NICHOLAS M. MAVODONES, JR (A/L)

ORDER AUTHORIZING GENERAL OBLIGATION BONDS TO FINANCE A PORTION OF THE CITY'S FISCAL YEAR 2022 Capital IMPROVEMENT PROGRAM IN AN AMOUNT NOT TO EXCEED $17,775,802

FOLLOWING a public hearing of the City Council of the City of Portland, Maine, held upon due notice pursuant to Article VII, Section 9 of the City Charter, **IT IS HEREBY ORDERED THAT:**

There be and hereby is authorized and approved the incurring of indebtedness by the City of Portland and the issue and sale of general obligation bonds and notes in anticipation thereof in the aggregate principal amount not to exceed Eighteen Million Three Hundred Twenty Thousand Dollars ($17,775,802) to finance the items identified in the City's 2022 Capital Improvement Program attached hereto as Exhibit A and all other costs (as defined herein) related and ancillary thereto (the "Projects").

BE IT FURTHER ORDERED:

1. That the Finance Director be and hereby is authorized to prepare, issue, and sell such bonds in the name of and on behalf of the City, in the aggregate amount of **$17,775,802** (the "Bonds") at one time, or from time to time, as one or more separate bond issues, and to determine the date, form, minimum denomination, interest rates (as term bonds or serial bonds or some combination thereof), maturities (with the last maturity not to exceed the maximum term permitted by law) and all other details, terms and provisions, not inconsistent herewith, including the form and manner of their sale and award as he may approve, such approval to be conclusively evidenced by the execution thereof;

2. That the Finance Director be and hereby is authorized to borrow money in anticipation of said Bonds by the issuance and sale of notes or renewal notes in anticipation of said Bonds ("BANs"), and to determine the date, form, minimum denominations, interest rate, maturities (with the last maturity not to exceed 3 years from its date of issuance) and all other details of each issue of BANs, including the form and manner of their sale and award, subject to the provisions of the law, the City Charter and this Order;

3. That the Finance Director be and hereby is authorized to provide that any of the Bonds and BANs hereinbefore authorized be made subject to call for redemption, with or without premium, prior to their stated dates of maturity, as provided in 30-A M.R.S.A. §5772(6), as amended;

4. That the Bonds and BANs issued hereunder shall be signed by the Finance Director and by the Mayor, either or both of whose signatures may be by facsimile to the extent permitted by law, attested to by the City Clerk, under the seal of the City, and shall be in such form and contain such terms and provisions not inconsistent herewith as they may approve, their approval to be conclusively evidenced by their execution thereof;

5. That the Finance Director is authorized to negotiate, execute, and deliver, in the name of and on behalf of the City such contracts, agreements, instruments and other documents and certificates as may be necessary or appropriate, as determined and approved by the Finance Director, in connection with the financing of the Projects, including a loan agreement in usual and customary form with the Maine Municipal Bond Bank (the "Bond Bank"), to the extent any of the Bonds or BANs authorized herein are issued pursuant to the State of Maine Clean Water Revolving Loan Fund program or the State School Revolving Renovation Fund, which contracts, agreements, loan agreements, instruments and other documents and certificates shall be in such form and contain such terms and conditions, not inconsistent herewith, as may be approved by the Finance Director, such approval to be conclusively evidenced by his execution thereof;

6. That the Finance Director be and hereby is authorized to select the underwriter for the Bonds or BANs heretofore authorized and the Finance Director be and hereby is authorized and empowered to execute and deliver such contracts or agreements as may be necessary or appropriate in connection therewith;

7. That the Finance Director be and hereby is authorized to prepare, or cause to be prepared, a Preliminary Official Statement and an Official Statement for use in the offering and sale of the Bonds or BANs heretofore authorized, such Preliminary Official Statement and Official Statement to be in such form and contain such information as may be approved by the Finance Director, with the advice of the bond counsel for the City, and that the use and distribution of the Preliminary Official Statement and the Official Statement in the name of and on behalf of the City in connection with offering the Bonds or BANs for sale be and hereby is approved;

8. That the Finance Director be and hereby is authorized to select the registrar, paying agent and transfer agent (the "Transfer Agent") for the Bonds or BANs heretofore authorized and to execute and deliver such contracts and agreements as may be necessary or appropriate to secure their services;

9. That the Bonds or BANs heretofore authorized shall be transferable only on the registration books of the City kept by the Transfer Agent, and said principal amount of the bonds of the same maturity (but not of other maturity) in minimum denominations of $5,000 and any integral multiple in excess thereof upon surrender thereof at the principal office of the transfer agent, with a written instrument of transfer satisfactory to the transfer agent duly executed by the registered owner or his attorney duly authorized in writing. Upon each exchange or transfer of a bond the City and the Transfer Agent shall make a charge sufficient to cover any tax, fee or any other governmental charge required to be payable with respect to such exchange or transfer, and with respect to such exchange or transfer, and subsequent to the first exchange or transfer, the cost of preparing new bonds upon exchanges or transfer thereof to be paid by the person requesting the same;

10. That the Finance Director be and hereby is authorized to undertake all acts necessary to provide for the issuance and transfer of such Bonds or BANs heretofore authorized in book-entry form pursuant to the Depository Trust Company Book-Entry Only System, as an alternative to the provisions of the foregoing paragraph above regarding physical transfer of Bonds or BANs, and the Finance Director be and hereby is authorized and empowered to enter into a Letter of Representation or any other contract, agreement or understanding necessary or, in his opinion, appropriate in order to qualify the Bonds or BANs for and participate in the Depository Trust Company Book-Entry Only System;

11. That the Finance Director and Mayor from time to time shall execute such Bonds or BANs as may be required to provide for exchanges or transfers of Bonds or BANs as heretofore authorized,

all such Bonds or BANs to bear the original signature of the Finance Director and Mayor, and in case any officer of the City whose signature appears on any Bond or BAN shall cease to be such officer before the delivery of said Bond or BAN, such signature shall nevertheless be valid and sufficient for all purposes, the same as if such officer had remained in office until delivery thereof;

12. That if the Bonds or BANs, or any part of them, are issued on a tax-exempt basis, the Finance Director be and hereby is authorized and directed to covenant and certify on behalf of the City that no part of the proceeds of the issue and sale of the Bonds or BANs authorized to be issued hereunder shall be used directly or indirectly to acquire any securities or obligations, the acquisition of which would cause such Bonds or BANs to be "private activity bonds" or "arbitrage bonds" within the meaning of Sections 141 and 148 of the Internal Revenue Code of 1986, as amended;

13. That if the Bonds or BANs, or any part of them, are issued on a tax-exempt basis, the officers or officials executing the Bonds or BANs be and hereby are individually authorized to covenant and agree, on behalf of the City, for the benefit of the holders of such Bonds or BANs, that the City will file any required reports and take any other action that may be necessary to insure that interest on the notes will remain exempt from federal income taxation, and that the City will refrain from any action that would cause interest on the Bonds or BANs to be subject to federal income taxation;

14. That the officers executing the Bonds or BANs be and hereby are individually authorized to covenant, certify and agree, on behalf of the City, for the benefit of the holders of such Bonds or BANs, that the City will file any required reports, make any annual financial or material event disclosure, and take any other action that may be necessary to insure that the disclosure requirements imposed by Rule 15c2-12 of the Securities and Exchange Commission, if applicable, are met;

15. That any or all of the Bonds or BANs issued hereunder may be consolidated with and become a part of any other issue of temporary notes or general obligation bonds authorized to be issued by any previous or subsequent order of the City Council of the City of Portland;

16. That the term "cost" or "costs" as used herein and applied to the Projects, or any portion thereof, includes, but is not limited to (1) the cost to design, acquire, construct, renovate, improve, furnish and equip the Project, or any portion thereof; (2) the cost of land, easements and other real property interests, landscaping and site preparation, including demolition and environmental remediation work on any existing building or structure and on the property where the Project is located, utility extensions and site improvements, and all appurtenances and other fixtures, facilities, buildings and structures either on, above, or under the ground which are used or usable in connection with the Project; (3) the cost of feasibility studies, surveys, environmental studies and assessments, engineering, plans and specifications, legal and other professional services associated with the Project; (4) issuance costs, including premiums for insurance, capitalized interest and other fees and expenses relating to the financing transaction.

17. That if the actual cost of any Project differs from the estimated cost on the attached Exhibit A, whether due to completion, delay or abandonment of the Project or for any other reason, the Finance Director is authorized, in his discretion, to reallocate proceeds of the Bonds to any other listed Project on the attached Exhibit A, or to any other project or improvement that the City Council has approved or may in the future approve as part of the City's annual capital improvement plan;

18. That the Finance Director, Mayor and Clerk and other proper officials of the City be, and hereby are authorized and empowered in its name and on its behalf to do or cause to be done all such acts and things, not inconsistent herewith, as may be necessary or desirable in order to effect the issuance, sale and delivery of the Bonds or BANs hereinabove authorized;

19. That if any of the officers or officials of the City who have signed or sealed the Bonds shall cease to be such officers or officials before the Bonds or BANs so signed and sealed shall have been actually authenticated or delivered by the City, such Bonds or BANs nevertheless may be authenticated, issued, and delivered with the same force and effect as though the person or persons who signed or sealed such Bonds or BANs had not ceased to be such officer or official; and also any such bonds or notes may be signed and sealed on behalf of the City by those persons who, at the actual date of the execution of such Bonds or BANs, shall be the proper officers and officials of the City, although at the nominal date of such Bonds or BANs any such person shall not have been such officer or official;

20. That if the Finance Director, Mayor or Clerk are for any reason unavailable to approve and execute the Bonds or BANs or any other documents necessary or convenient to the issuance, execution and delivery of the Bonds or BANs, the person or persons then acting in any such capacity, whether as an assistant, a deputy, or otherwise, is authorized to act for such official with the same force and effect as if such official had performed such act.

21. That the Bonds or BANs authorized by this Order are in addition to any bonds or notes previously authorized for the same or similar purposes;

22. That to the extent not payable from other funds, an amount sufficient for the payment of the annual payments of principal and interest on the Bonds or any BANs issued hereunder shall be included in the tax levy of each year until the debt represented by said Bonds or BANs is extinguished;

23. That the following resolutions required by Section C(4)(e) of the State of Maine Clean Water Revolving Loan Fund Rules, Chapter 595, Department of Environmental Protection and Maine Municipal Bond Bank (the "SRF Regulations"), and governing the loan to be made to the City under the State Revolving Loan Fund Program be and hereby are adopted:

a. That a Project Account shall be created for the Projects which shall be separate from all other accounts of the City. If operating revenues are to be used to retire the debt, a sub-account will be established;

b. That the Project Account shall be maintained in accordance with standards set forth by the Bond Bank and in accordance with generally accepted government account standards;

c. That a final accounting shall be made to the Bond Bank of the total cost of each Project upon completion of the Project performance certification as set out in Section G(3) of the SRF Regulations and the City acknowledges that the Bond Bank reserves the right at its sole discretion to be provided with a cost certification of the Project as built;

d. That an annual audit of the City, prepared by a certified public accountant or licensed public accountant be provided to the Bond Bank for the term of the loan;

e. That the City shall maintain insurance coverage on the Projects in an amount adequate to protect the Bond Bank's interest for the term of the loan with the Bond Bank named as loss payee;

f. That the City will comply with any special conditions specified by the Department of Environmental Protection's environmental determination until all financial obligations to the State have been discharged;

g. That the City certify to the Bond Bank that it has secured all permits, licenses and approvals necessary and that it has a dedicated source of revenue for repayment;

h. That the City establish a rate, charge or assessment schedule in order to pay principal and interest. Such rate change or schedule shall provide total operations and debt service coverage at a level at which the coverage for the Bond Bank is sufficient;

i. That the City must demonstrate the ability to pay reasonably anticipated costs of operating and maintaining the financed Project;

j. That the City abide by the SRF Regulations, as revised and amended and relevant State statutes of the State of Maine; and

24. That during the term any of the Bonds (or bonds issued to refund such Bonds) are outstanding, the Finance Director be and hereby is authorized to issue and deliver refunding bonds to refund some or all of the Bonds then outstanding, and to determine the date, form, interest rate, maturities and all other details of such refunding bonds, including the form and manner of their sale and award. The Finance Director be and hereby is further authorized to provide that any of such refunding bonds hereinbefore authorized be made callable, with or without premium, prior to their stated date(s) of maturity, and each refunding bond issued hereunder shall be signed by the Finance Director and by the Mayor, either or both of whose signatures may be by facsimile to the extent permitted by law, attested to by the City Clerk, under the seal of the City, and shall be in such form and contain such terms and provisions not inconsistent herewith as they may approve, their approval to be conclusively evidenced by their execution thereof.

Exhibit A

2021 CIP - General Fund

Department	Project Title	CIP Amount	Other Funding	Bond Amount
Equipment				
Communications	Portable Radios Upgrade	300,000		300,000
Information Technology	Barron Center Phones Upgrade	48,000		48,000
Information Technology	Improvements to Information Security Program	31,000		31,000
Information Technology	Replace Network Switches	250,000		250,000
Information Technology	DPW Traffic Managed Network	20,000		20,000
Information Technology	Consolidate city camera systems (except jetport)	72,000		72,000
Parking / Garages	Parking Meter Replacement Phase 2	115,000		115,000
Parking / Garages	Multi Space Parking Meters Shipyard & Cross Arena	22,000		22,000
Parks & Rec	Payson Park Playground	350,000		350,000
Parks & Rec	Deering Oaks Playground Accident Replacements	45,000		45,000
Facilities				
Facilities & Waterfront	212 Canco Roof Replacement	325,000		325,000
Facilities & Waterfront	Offices & Customer Service Areas A/C Installation	150,000		150,000
Fire Department	Riverton Station - Boiler Room Upgrades	150,000		150,000
Parks & Rec	Golf Course Upgrades - HVAC and Drainage	115,000		115,000
Parks & Rec	Evergreen Cemetery Columbaria Phase II	108,000		108,000
Public Schools	Masonry Repair at Deering High School	150,000		150,000
Public Schools	Technology & Fire Alarm System Upgrades - PIES	100,000		100,000
Public Schools	Install fire sprinkler system - PIES	130,000		130,000
Public Schools	Door Access Controls - King and Lincoln	115,000		115,000
Public Works	Federal Street Cemetery Wall Repair	35,000		35,000
Marine				
Facilities & Waterfront	Compass Park Ongoing pile/pier work	200,000		200,000
Facilities & Waterfront	POT - Pile Survey	140,000		140,000
Facilities & Waterfront	On going pile/pier work at OG and P.O.T	100,000		100,000
Facilities & Waterfront	Bollard/ Bit Replacement	100,000		100,000
Parks, Fields, Trails				
Parks & Rec	Skatepark Expansion	50,000		50,000
Parks & Rec	ADA Walkway Paving--Deering Oaks	118,000		118,000
Parks & Rec	Court Resurfacing - Reiche and West End (Various), Lyman Moore, Fox St, Talbot School	97,000		97,000
Planning & Urban Development	Congress Square Redesign - Construction Drawing Completion	50,000		50,000
Streets/Sidewalks				
Facilities & Waterfront	Sidewalks at Exposition Building Entrance	160,000		160,000
Barron Center	Resurfacing of Roadways & Parking Lots	137,841		137,841
Public Works	DOT Bridge Report	25,000		25,000
Transportation				
Public Works	DOT - MPI - Paving Stevens Avenue	640,000		640,000
Public Works	PACTS MPI - Elm Street Paving - Congress to Marginal	315,000		315,000
Public Works	Pavement Preservation Program	1,500,000	1,500,000	0
Public Works	Sidewalk & ADA Rehabilitation Program	600,000		600,000
Public Works	Congress Square Intersection Construction - DOT Eligible	1,200,000	1,200,000	0
Public Works	PACTS TIP - Brighton Avenue Multi-Modal Project	124,000		124,000
Public Works	Traffic Signals Upgrade Program	500,000	500,000	0
Public Works	Ineligibles)	300,000	300,000	0
Public Works	Improved Coordination	100,000		100,000
Public Works	Separated Bike Lanes - Additional Funding	100,000		100,000
Public Works	Andrews Square Supplemental Funding	100,000		100,000
Vehicles				
Fire	3 Fire Trucks (1 Quint Ladder, 2 Pumper Engines)	2,700,000		2,700,000
Fire	MEDCU Ambulance Grant Match	63,000		63,000
Fleet	2-way radio replacement	30,000		30,000
HHS	Used HHS 10 passenger van	30,000		30,000
HHS	Used large SUV or Minivan	25,000		25,000
Islands	1.25 ton truck w/plow GDI	75,000		75,000
Islands	2 - 42 CY Dumpsters @ 9,000 ea.	19,000		19,000
Parking	Used Compact Pickup	26,000		26,000
Parks & Rec	0.75 ton PU w/plow & dump	45,000		45,000
Parks & Rec	Toolcat	65,000		65,000
Parks & Rec	0.75 tn PU w/plow golf course	40,000		40,000
Parks & Rec	New Ventrac 4500K	75,000		75,000

Parks & Rec	52 PTO HP Tractor	55,000		55,000
Parks & Rec	JD 2025D Style Tractor	35,000		35,000
Parks & Rec	Fairway Mower Golf Course	55,000		55,000
Parks & Rec	3/4 ton PU w/plow	45,000		45,000
PDD	0.75 ton PU w/plow	40,000		40,000
Police	7 Hybrid Police Cruisers	413,000		413,000
Public Schools	3 Buses and 1 Van	325,000		325,000
PW Safety	Used SUV	23,000		23,000
Solid Waste	Packer (rental or lease)	65,000		65,000
Streets	Backhoe/Loader	105,000		105,000
SW	Used 1/2 ton PU w/liftgate	25,000		25,000
Traffic	VMB (variable message board)	20,000		20,000
Traffic	Used 1/2 ton PU	25,000		25,000
Various	and Efficiency Maine rebates)	0		0
Waterfront & Public Buildings	2 ton plow truck w/wing 4WD	130,000		130,000
Waterfront & Public Buildings	Van	35,000		35,000
Winter	SA Plow truck	185,000		185,000
Winter	Loader w/wing & plow	220,000		220,000
	Sub-Total (General Fund)	**14,281,841**	**3,500,000**	**10,781,841**
	Prior CIP Reallocations			(389,039)
	Total (General Fund)			**10,392,802**

<u>2021 CIP - Sewer Fund</u>

Sewer	CSO-Non SRF Sewer / Storm Consulting and Inspection Services	1,500,000		1,500,000
Sewer	Inflow and Infiltration Phase 3 Mitigation	1,100,000		1,100,000
Sewer	CSO - Close CSO #39	700,000		700,000
Sewer	CMOM - Pump Station Rehabilitation	670,000		670,000
Sewer	CSO - Close CSO #42	500,000		500,000
Sewer	Concord Street and Mayer Road Sewer Repair/Replacement	500,000		500,000
Sewer	CMOM - Sewer System Renewal	500,000		500,000
Sewer	District Road Fueling Island	313,000		313,000
Sewer	ESRI Conversion to Utility Network	225,000		225,000
Sewer	Sweeper (#3143) Replacement	200,000		200,000
Sewer	CSO - #26 Sewershed	200,000		200,000
Sewer	Truck Replacement (#2511)	50,000		50,000
Sewer	Supervisor Truck (#2112) Replacement	50,000		50,000
Stormwater	Fore Street Sewer Separation	2,300,000		2,300,000
Stormwater	Presumpscot Culvert	475,000		475,000
Stormwater	Stormwater Neighborhood Infrastructure Improvements	200,000		200,000
Stormwater	Green Infrastructure	200,000		200,000
	Sub-Total (Sewer Fund)			**9,683,000**
	Prior Sewer Fund Reallocations			(2,300,000)
	Total (Sewer Fund)			**7,383,000**
	TOTAL (General Fund & Sewer Fund)			**17,775,802**

KATE SNYDER (MAYOR)
BELINDA S. RAY (1)
SPENCER R. THIBODEAU (2)
TAE Y. CHONG (3)
ANDREW ZORROW (4)

CITY OF PORTLAND
IN THE CITY COUNCIL

MARK DION (5)
APRIL FOURNIER (A/L)
PIOUS ALI (A/L)
NICHOLAS M. MAVODONES, JR (A/L)

ORDER APPROPRIATING BOND PROCEEDS AND OTHER FUNDS IN AN AMOUNT NOT TO EXCEED $23,964,841 FOR THE CITY'S FISCAL YEAR 2022 CAPITAL IMPROVEMENT PROGRAM

IT IS HEREBY ORDERED THAT:

1. Subject to paragraph 2 and 3 below, the sum of $23,964,841 be and hereby is appropriated to finance the projects more particularly described in the project list for the City's 2022 Capital Improvement Program attached hereto as Exhibit A (the "2022 CIP Projects"), as follows:

   a. An amount not to exceed $17,775,802 is appropriated from the proceeds of the City's general obligation bonds to be authorized by the City Council and issued to finance a portion of the costs of the 2022 CIP Projects;

   b. An additional amount not to exceed $6,189,039 is appropriated as follows;

      1. An amount not to exceed $3,500,000 is appropriated from the City's Surplus Fund Balance to finance a portion of the costs of certain street / sidewalk / signalization improvements included in the 2022 CIP Projects;

      2. An amount not to exceed $389,039 is reallocated and appropriated from unspent proceeds of the City's prior 1999, 2006-2010, and 2013 General Obligation Bonds to finance a portion of the costs of the 2022 CIP Projects (General Fund), as shall be directed by the Director of Finance; and

      3. An amount not to exceed $2,300,000 is reallocated and appropriated from unspent proceeds of the City's prior 2021 General Obligation Bonds to finance a portion of the costs of the City's stormwater and sewer projects included in the 2022 CIP Projects (Sewer Fund), as shall be directed by the Director of Finance.

2. The appropriation set forth in paragraph 1(a) above is and shall be contingent upon the approval by the City Council of general obligation bonds for such purposes (the amount appropriated in said paragraph 1(a) to be adjusted to reflect the principal amount of bonds so authorized) and the issuance and delivery of such bonds (or notes in anticipation thereof) for such purposes. The foregoing appropriations shall also be applied to issuance costs for such bonds (or notes in anticipation thereof).

3. That if the actual cost of any 2022 CIP Project differs from the estimated cost on the attached Exhibit A, whether due to completion, delay or abandonment of the Project or for any other reason, the Director of Finance is authorized, in his discretion, to reallocate proceeds of the bonds issued therefore or the other funds appropriated therefore to any other project listed on the 2022 CIP Project List or to any other project or improvement that the City Council has approved or may in the future approve as part of the City's annual capital improvement plan.

{W12857126.1}

Exhibit A

2021 CIP - General Fund

Department	Project Title	CIP Amount	Other Funding	Bond Amount
Equipment				
Communications	Portable Radios Upgrade	300,000		300,000
Information Technology	Barron Center Phones Upgrade	48,000		48,000
Information Technology	Improvements to Information Security Program	31,000		31,000
Information Technology	Replace Network Switches	250,000		250,000
Information Technology	DPW Traffic Managed Network	20,000		20,000
Information Technology	Consolidate city camera systems (except jetport)	72,000		72,000
Parking / Garages	Parking Meter Replacement Phase 2	115,000		115,000
Parking / Garages	Multi Space Parking Meters Shipyard & Cross Arena	22,000		22,000
Parks & Rec	Payson Park Playground	350,000		350,000
Parks & Rec	Deering Oaks Playground Accident Replacements	45,000		45,000
Facilities				
Facilities & Waterfront	212 Canco Roof Replacement	325,000		325,000
Facilities & Waterfront	Offices & Customer Service Areas A/C Installation	150,000		150,000
Fire Department	Riverton Station - Boiler Room Upgrades	150,000		150,000
Parks & Rec	Golf Course Upgrades - HVAC and Drainage	115,000		115,000
Parks & Rec	Evergreen Cemetery Columbaria Phase II	108,000		108,000
Public Schools	Masonry Repair at Deering High School	150,000		150,000
Public Schools	Technology & Fire Alarm System Upgrades - PIES	100,000		100,000
Public Schools	Install fire sprinkler system - PIES	130,000		130,000
Public Schools	Door Access Controls - King and Lincoln	115,000		115,000
Public Works	Federal Street Cemetery Wall Repair	35,000		35,000
Marine				
Facilities & Waterfront	Compass Park Ongoing pile/pier work	200,000		200,000
Facilities & Waterfront	POT - Pile Survey	140,000		140,000
Facilities & Waterfront	On going pile/pier work at OG and P.O.T	100,000		100,000
Facilities & Waterfront	Bollard/ Bit Replacement	100,000		100,000
Parks, Fields, Trails				
Parks & Rec	Skatepark Expansion	50,000		50,000
Parks & Rec	ADA Walkway Paving--Deering Oaks	118,000		118,000
Parks & Rec	Court Resurfacing - Reiche and West End (Various), Lyman Moore, Fox St, Talbot School	97,000		97,000
Planning & Urban Development	Congress Square Redesign - Construction Drawing Completion	50,000		50,000
Streets/Sidewalks				
Facilities & Waterfront	Sidewalks at Exposition Building Entrance	160,000		160,000
Barron Center	Resurfacing of Roadways & Parking Lots	137,841		137,841
Public Works	DOT Bridge Report	25,000		25,000
Transportation				
Public Works	DOT - MPI - Paving Stevens Avenue	640,000		640,000
Public Works	PACTS MPI - Elm Street Paving - Congress to Marginal	315,000		315,000
Public Works	Pavement Preservation Program	1,500,000	1,500,000	0
Public Works	Sidewalk & ADA Rehabilitation Program	600,000		600,000
Public Works	Congress Square Intersection Construction - DOT Eligible	1,200,000	1,200,000	0
Public Works	PACTS TIP - Brighton Avenue Multi-Modal Project	124,000		124,000
Public Works	Traffic Signals Upgrade Program	500,000	500,000	0
Public Works	Ineligibles)	300,000	300,000	0
Public Works	Improved Coordination	100,000		100,000
Public Works	Separated Bike Lanes - Additional Funding	100,000		100,000
Public Works	Andrews Square Supplemental Funding	100,000		100,000
Vehicles				
Fire	3 Fire Trucks (1 Quint Ladder, 2 Pumper Engines)	2,700,000		2,700,000
Fire	MEDCU Ambulance Grant Match	63,000		63,000
Fleet	2-way radio replacement	30,000		30,000
HHS	Used HHS 10 passenger van	30,000		30,000
HHS	Used large SUV or Minivan	25,000		25,000
Islands	1.25 ton truck w/plow GDI	75,000		75,000
Islands	2 - 42 CY Dumpsters @ 9,000 ea.	19,000		19,000
Parking	Used Compact Pickup	26,000		26,000
Parks & Rec	0.75 ton PU w/plow & dump	45,000		45,000
Parks & Rec	Toolcat	65,000		65,000
Parks & Rec	0.75 tn PU w/plow golf course	40,000		40,000
Parks & Rec	New Ventrac 4500K	75,000		75,000

Parks & Rec	52 PTO HP Tractor	55,000		55,000
Parks & Rec	JD 2025D Style Tractor	35,000		35,000
Parks & Rec	Fairway Mower Golf Course	55,000		55,000
Parks & Rec	3/4 ton PU w/plow	45,000		45,000
PDD	0.75 ton PU w/plow	40,000		40,000
Police	7 Hybrid Police Cruisers	413,000		413,000
Public Schools	3 Buses and 1 Van	325,000		325,000
PW Safety	Used SUV	23,000		23,000
Solid Waste	Packer (rental or lease)	65,000		65,000
Streets	Backhoe/Loader	105,000		105,000
SW	Used 1/2 ton PU w/liftgate	25,000		25,000
Traffic	VMB (variable message board)	20,000		20,000
Traffic	Used 1/2 ton PU	25,000		25,000
Various	and Efficiency Maine rebates)	0		0
Waterfront & Public Buildings	2 ton plow truck w/wing 4WD	130,000		130,000
Waterfront & Public Buildings	Van	35,000		35,000
Winter	SA Plow truck	185,000		185,000
Winter	Loader w/wing & plow	220,000		220,000
	Sub-Total (General Fund)	**14,281,841**	**3,500,000**	**10,781,841**
	Prior CIP Reallocations			(389,039)
	Total (General Fund)	**14,281,841**		**10,392,802**
2021 CIP - Sewer Fund				
Sewer	CSO-Non SRF Sewer / Storm Consulting and Inspection Services	1,500,000		1,500,000
Sewer	Inflow and Infiltration Phase 3 Mitigation	1,100,000		1,100,000
Sewer	CSO - Close CSO #39	700,000		700,000
Sewer	CMOM - Pump Station Rehabilitation	670,000		670,000
Sewer	CSO - Close CSO #42	500,000		500,000
Sewer	Concord Street and Mayer Road Sewer Repair/Replacement	500,000		500,000
Sewer	CMOM - Sewer System Renewal	500,000		500,000
Sewer	District Road Fueling Island	313,000		313,000
Sewer	ESRI Conversion to Utility Network	225,000		225,000
Sewer	Sweeper (#3143) Replacement	200,000		200,000
Sewer	CSO - #26 Sewershed	200,000		200,000
Sewer	Truck Replacement (#2511)	50,000		50,000
Sewer	Supervisor Truck (#2112) Replacement	50,000		50,000
Stormwater	Fore Street Sewer Separation	2,300,000		2,300,000
Stormwater	Presumpscot Culvert	475,000		475,000
Stormwater	Stormwater Neighborhood Infrastructure Improvements	200,000		200,000
Stormwater	Green Infrastructure	200,000		200,000
	Sub-Total (Sewer Fund)	**9,683,000**		**9,683,000**
	Prior Sewer Fund Reallocations			(2,300,000)
	Total (Sewer Fund)	**9,683,000**		**7,383,000**
	TOTAL (General Fund & Sewer Fund)	**23,964,841**		**17,775,802**

FY23 - FY27 CIP Requests

Classificatic	Departmen	Division	ProjectTitle	2023	2024	2025	2026	2027
Facilities	Fire Departi	Building Maint	Bramhall - Boiler Room Upgrades	155,000				
Equipment	Fire Departi	Emergency Me	Cardiac Monitor Replacement	40,064	71,206	71,206	71,206	71,206
Equipment	Fire Departi	Firefighting	Self-contained breathing apparatus (SCBA) Replacement	900,000				
Equipment	Information	Technology	Replace 30 C5G124 switches	200,000				
Equipment	Information	Technology	Barron Center WiFi refresh FY 2023	10,000				
Facilities	Parking / Ga	Elm Street Gar	Sealants and Concreate Repairs Levels 2 and 3 290K one year and levels 4 & 5 295K the next year	290,000	295,000			
Facilities	Parking / Ga	Temple Street	Neogard traffic Membrane recoat Temple St	550,000				
Facilities	Parking / Ga	Spring Street (	Neogard Traffic membrane Recoat Spring St			480,000		
Facilities	Parking / Ga	Spring Street (	Roof Deck Traffic Membrane Recoat		150,000			
Facilities	Parking / Ga	Temple Street	Painting of Structural Steel			285,000		
Structural S	Parking / Ga	Spring Street (	Painting Structural Steel				285,000	
Facilities	Parking / Ga	Temple Street	Replace Pavement & Membrane		425,000			
Equipment	Parks, Rec &	Parks	Reiche Playground	350,000				
Parks, Field:	Parks, Rec &	Parks	Skatepark Expansion	205,000				
Facilities	Parks, Rec &	Merrill Audito	Merrill Auditorium Exterior Door Replacement	120,000				
Facilities	Parks, Rec &	Ice Arena	Ice Arena Foundation Leak Fix	45,000				
Parks, Field:	Parks, Rec &	Parks	City Wide Fencing Replacement	54,500				
Parks, Field:	Parks, Rec &	Parks	Payson Park Bollard Replacement	50,500				
Parks, Field:	Parks, Rec &	Parks	Cleeves Monument Plaza - Eastern Prom	92,000				
Transportat	Planning & I	Transportatior	Neighborhood Byway City-wide Network Implementation	120,000	120,000	120,000		
Transportat	Planning & I	Transportatior	West Commercial Street Pathway - Phase III	425,000				
Transportat	Planning & I	Transportatior	East Coast Greenway Baxter Blvd/Back Cove to Martins Point	100,000				
Transportat	Planning & I	Transportatior	Parkside to Libbytown Pathway Phase III		250,000			
Parks, Field:	Planning & I	Planning	Congress Square Redesign - Future CIP Request from Friends of Congress Square	2,295,000				
Streets/Side	Planning & I	Planning	City Hall Accessibility-Sidewalk-Streetscape	25,000	175,000	200,000		
Streets/Side	Planning & I	Historic Preser	Plum Street Rehabilitation	12,000	88,000			
Facilities	Public Build	Public Safety	Replace Concrete Steps/Railings at Main Entrance	157,000				
Facilities	Public Build	Canco Road	212 Roof Replacement	400,000	400,000			
Facilities	Public Build	City Hall	Passenger Elevator Modernization	300,000				
Marine	Public Build	Waterfront	Mega Berth Terminal Structual Painting	100,000				
Marine	Public Build	Waterfront	Compass Park Ongoing pile/pier work	200,000				
Facilities	Public Build	City Hall	Interior Renovations /Security Upgrades	600,000				
Marine	Public Build	Waterfront	POT - Pile Survey	337,500				
Facilities	Public Build	Other Public B	90 Anderson St - Upgrades	250,000				
Marine	Public Build	Waterfront	On going pile/pier work at OG and P.O.T	225,000	225,000			
Facilities	Public Build	Other Public B	Forest City/Evergreen Cemeteries Rehab	200,000	200,000			
Marine (i.e.	Public Build	Waterfront	Bollard/ Bit Replacement	200,000		200,000		
Marine	Public Build	Waterfront	Gangway Extentions	160,000				
Facilities	Public Build	Hadlock Field	Structural Repairs/Roof Covering - Hadlock	150,000				
Facilities	Public Build	Other Public B	Observatory - Painting and Other Maintenance	50,000				
Facilities	Public Build	Merrill	Merrill - Roof replacement (Engineering Only)	30,000	550,000			
Facilities	Public Build	Canco Road	Engineering Services / Construction For Day Care 212 Canco Rd					580,000
Facilities	Public Build	Canco Road	212 Canco Rd Parks Office Renovations				250,000	
Facilities	Public Build	Canco Road	212/250 Canco Rd Exterior Wall Repair		75,000			
212 Canco F	Public Build	Canco Road	212/250 Canco Rd Window Replacement			200,000		
Facilities	Public Build	Canco Road	250 Canco Rd Roof Replacement Phase 1 of 2			450,000		
Facilities	Public Build	Canco Road	250 Canco Rd Portable Generators				85,000	

Facilities	Public Build	City Hall	Copper Roof Engineering Only		75,000	1,500,000	1,500,000	
Equipment	Public Build	City Hall	Portable 3 Phase Generator				10,000	120,000
Facilities	Public Build	City Hall	Replace sewer main in tunnel					200,000
Facilities	Public Build	City Hall	Archivist					200,000
Facilities	Public Build	City Hall	Add Sprinkler System	315,000				
Equipment	Public Build	City Hall	Mechanical Assist Mobile Storage for Planning					80,000
Equipment	Public Build	City Hall	City Hall Fire Doors for Common Areas	125,000				
Facilities	Public Build	Exposition Bui	Emergency Egress Access Doors	50,000				
Facilities	Public Build	Exposition Bui	Concession Stand Renovation	400,000				
Facilities	Public Build	Exposition Bui	Expo - ADA Upgrades	75,000				
Facilities	Public Build	Exposition Bui	Boiler Replacement		420,000			
Facilities	Public Build	Hadlock Field	Hadlock Concourse Stair Stringers	100,000				
Facilities	Public Build	Hadlock Field	Metal Siding,Door,Window Replacement	100,000				
Facilities	Public Build	Merrill	Stage Floor Replacement	80,000				
Facilities	Public Build	Merrill	Retaining Wall		90,000			
Facilities	Public Build	Merrill	Boiler Replacement				500,000	
Facilities	Public Build	Other Public B	Deering Oaks Restroom Facility (Engineering Only)	75,000	500,000			
Facilities	Public Build	Public Safety	Window Replacement	200,000	300,000			
Facilities	Public Build	Public Safety	Repoint/Waterproof Building Exterior		300,000			
Facilities	Public Build	Public Safety	Brick Plaza Replacement		300,000			
Facilities	Public Build	Public Safety	Master Plan	200,000				
Marine	Public Build	Waterfront	POT Rail Removal	100,000	100,000			
Equipment	Public Build	Waterfront	Pile Jackets -OG	225,000				
Marine (i.e.	Public Build	Waterfront	Floats at Maine State Pier/Great Diamond Island		100,000	100,000		
Facilities	Public Build	Waterfront	Terminal Bidg Renovation				420,000	
Streets/Side	Public Build	Waterfront	Great Diamond Island Boardwalk		390,000			
Marine	Public Build	Waterfront	Peaks Govt Dock		420,000			
Schools	Public Scho	Various	School Department CIP Requests (Various)	1,200,000	1,500,000	1,500,000	4,000,000	4,000,000
Transportat	Public Work	Engineering	Pavement Preservation Program	1,750,000	2,000,000	2,500,000	2,500,000	2,500,000
Transportat	Public Work	Engineering	Sidewalk & ADA Rehabilitation Program	750,000	1,000,000	1,200,000	1,200,000	1,400,000
Transportat	Public Work	Engineering	PACTS TIP - Brighton Avenue Multi-Modal Project	62,500	1,000,000	62,500	1,000,000	130,000
Transportat	Public Work	Engineering	Traffic Signals Upgrade Program	500,000	500,000	700,000	700,000	750,000
Streets/Side	Public Work	Engineering	Riverside Street Embankment	35,000				
Transportat	Public Work	Engineering	Water Resource Project Ineligibles (CSO Compliance-SRF Ineligibles)	500,000	500,000	500,000	500,000	500,000
Transportat	Public Work	Engineering	High-Speed Communications for Adaptive Signal Corridors and Improved Coordination	100,000	100,000	100,000	100,000	125,000
Facilities	Public Work	Engineering	Federal Street Cemetery Wall Repair	100,000				
Transportat	Public Work	Engineering	Transportation Preliminary Design	25,000	25,000	25,000	25,000	60,000
Transportat	Public Work	Engineering	Street Rehabilitation Program	200,000	250,000	250,000	250,000	300,000
Facilities	Public Work	Island Services	Islands Salt Sheds	60,000	30,000	30,000		
Transportat	Public Work	Engineering	RR Quiet Zone Compliance Program	10,000	10,000	10,000	10,000	10,000
Transportat	Public Work	Engineering	Commercial Street Sidewalk Improvements	100,000				
Parks, Fields	Public Work	Engineering	Veranda Street Open Space	15,000	185,000			
Equipment	Public Work	Communicatio	Radio System Upgrade	100,000				
Transportat	Public Work	Engineering	Franklin Street Signal Improvements and Other Master Plan Outcomes	90,000				
Transportat	Public Work	Engineering	Washington Avenue Streetscape Improvements, Oxford to E. Prom: E. Prom Intersection Treatment	100,000	750,000			
Transportat	Public Work	Engineering	Rehabilitation of Cobblestone / Paver Streets	100,000	150,000	150,000	150,000	175,000
Transportat	Public Work	Engineering	Marginal Way Signal Upgrades					350,000
Transportat	Public Work	Engineering	Monument Way & Square Rehabilitation		250,000	500,000	500,000	

Transportat	Public Work	Engineering	Morrills Corner (State Route 302 and 100)	105,000	100,000	1,500,000		
Transportat	Public Work	Engineering	PACTS RTMS - Regional Signals, Communications, and Match Money for Projects	68,750	68,750	68,750	68,750	68,750
Transportat	Public Work	Engineering	Traffic Signal Upgrades with Paving Programs	200,000	200,000	200,000	200,000	
Transportat	Public Work	Engineering	PACTS Washington Avenue Road & Signals (Oxford to Congress)	650,000				
Transportat	Public Work	Engineering	Bike Facility Safety Improvements		50,000	50,000	50,000	50,000
Transportat	Public Work	Engineering	Wharf Street Reconstruction	850,000				
Transportat	Public Work	Engineering	Intersection Redesign at Fore and Pearl	65,000	600,000			
Transportat	Public Work	Engineering	Libbytown Sidewalk and ADA Improvements	150,000	150,000	150,000	150,000	150,000
Transportat	Public Work	Engineering	Marshall Street Improvements	50,000	450,000			
Transportat	Public Work	Engineering	PACTS MPI Congress St (FRPW to Stevens)		400,000			
Facilities	Public Work	Island Services	Cliff Island Public Works Facilities				300,000	
Transportat	Public Work	Engineering	Cutter Street				350,000	
Transportat	Public Work	Engineering	Dana Street Reconstruction	1,200,000				
Wastewate	Public Work	Sewer	Pavement Preservation Utility Cost	200,000				
Transportat	Public Work	Engineering	DOT MPI - Congress St Paving (Pearl to Washington)	405,360				
Transportat	Public Work	Engineering	DOT MPI - State Street Paving - Pine to York	255,000				
Streets/Side	Public Work	Engineering	PACTS York St Sidewalk and Street Rehab	250,000				
Streets/Side	Public Work	Engineering	ADA Compliance	150,000	150,000	150,000	150,000	150,000
Fire			5 Fire Trucks (3 trucks in current year, 2 more in following year)	2,200,000				
Police			7 Hybid Cruisers @ 55,000 ea.	405,000	405,000	405,000	405,000	405,000
Fire			MEDCU Ambulance Grant Match	265,000	265,000	265,000	265,000	265,000
PDD			Sidewalk Tractor	160,000				
Islands			2 ton dump w/plow Cliff	125,000				
Police			3 K-9 Cruisers at 62,000 ea.	186,000				
Fire			1/2 ton PU crew Cab	45,000				
Parks & Rec			New Ventrac SSV	45,000				
Parks & Rec			Tracked Skidsteer	100,000				
Winter			2 ton Dump w/plow	125,000				
Streets			1.5 ton Dump w/plow	85,000				
Streets			Used Sweeper from WR	40,000				
Streets			Hot Top Roller	25,000				
Various			Additional Vehicle Replacement Requests Per Fleet Schedule	1,250,000	1,250,000	1,250,000	1,250,000	1,250,000
GENERAL FUND REQUESTS TOTAL				**26,896,174**	**18,357,956**	**15,172,456**	**17,244,956**	**13,889,956**
ANTICIPATED NEW GENERAL FUND BORROWING CAPACITY				10,500,000	10,500,000	10,500,000	10,500,000	20,000,000
Wastewate	Water Reso	Stormwater	Fore Street Sewer Separation - Phase 2	1,700,000				
Wastewate	Water Reso	Sewer	CSO-Non SRF Sewer / Storm Consulting and Inspection Services	500,000	500,000	500,000	500,000	500,000
Wastewate	Water Reso	Sewer	Inflow and Infiltration Phase 3 Mitigation	1,650,000	1,650,000	1,650,000	1,650,000	1,650,000
Wastewate	Water Reso	Sewer	CMOM - Pump Station Rehabilitation	670,000	670,000	670,000	670,000	670,000
Wastewate	Water Reso	Sewer	Concord Street and Mayer Road Sewer Repair/Replacement	250,000	250,000	250,000	250,000	250,000
Wastewate	Water Reso	Sewer	CMOM - Sewer System Renewal	250,000	250,000	250,000	250,000	250,000
Wastewate	Water Reso	Stormwater	Stormwater Neighborhood Infrastructure Improvements	200,000	200,000	200,000	200,000	200,000
Stormwater	Water Reso	Stormwater	Green Infrastructure	200,000	200,000	200,000	200,000	200,000
Wastewate	Water Reso	Sewer	CSO - #26 Sewershed	500,000				
Wastewate	Water Reso	Sewer	Wharf Street Sewer Separation			1,000,000		
Wastewate	Water Reso	Stormwater	Western Prom Storm Drain Improvements	1,330,000				
Marine	Water Reso	Stormwater	Stoudwater Dam	155,000	205,000	5,000		
Stormwater	Water Reso	Stormwater	Somerset Street Flood Mitigation Project		5,500,000			

Stormwater	Water Reso	Stormwater	Sagamore Village Green Infrastructure Project	500,000	500,000	500,000		
Stormwater	Water Reso	Stormwater	Rand Road Culvert Replacement	1,000,000	2,500,000			
Wastewate	Water Reso	Sewer	Pearl Street Sewer Replacement	2,000,000	2,000,000			
Wastewate	Water Reso	Sewer	Morrills Corner Sewer Replacement	1,000,000				
Wastewate	Water Reso	Sewer	Monument Way & Square Sewer / Storm	500,000	500,000			
Wastewate	Water Reso	Stormwater	Forest Avenue - Clifton to Coyle		1,000,000			
Wastewate	Water Reso	Sewer	CSO- West End Sewer Separation			2,000,000	2,000,000	
Wastewate	Water Reso	Sewer	CSO- Hersey Street and Irving Street Storm Drain Separation	2,500,000				
Wastewate	Water Reso	Sewer	CSO- Franklin Street Sewer Separation- Middle to Congress				1,500,000	
Wastewate	Water Reso	Sewer	CSO- Franklin Street Sewer Separation- Lancaster to Congress			1,000,000		
Wastewate	Water Reso	Sewer	CSO- Downtown District Sewer Separation			2,000,000	2,000,000	2,000,000
Vehicles	Water Reso	Sewer	Combination Unit	450,000				
Wastewate	Water Reso	Stormwater	Center Street Storm Drain	2,000,000				
			SEWER FUND REQUESTS TOTAL	17,355,000	15,925,000	10,225,000	9,220,000	5,720,000