

Portland, Maine



Yes. Life's good here.

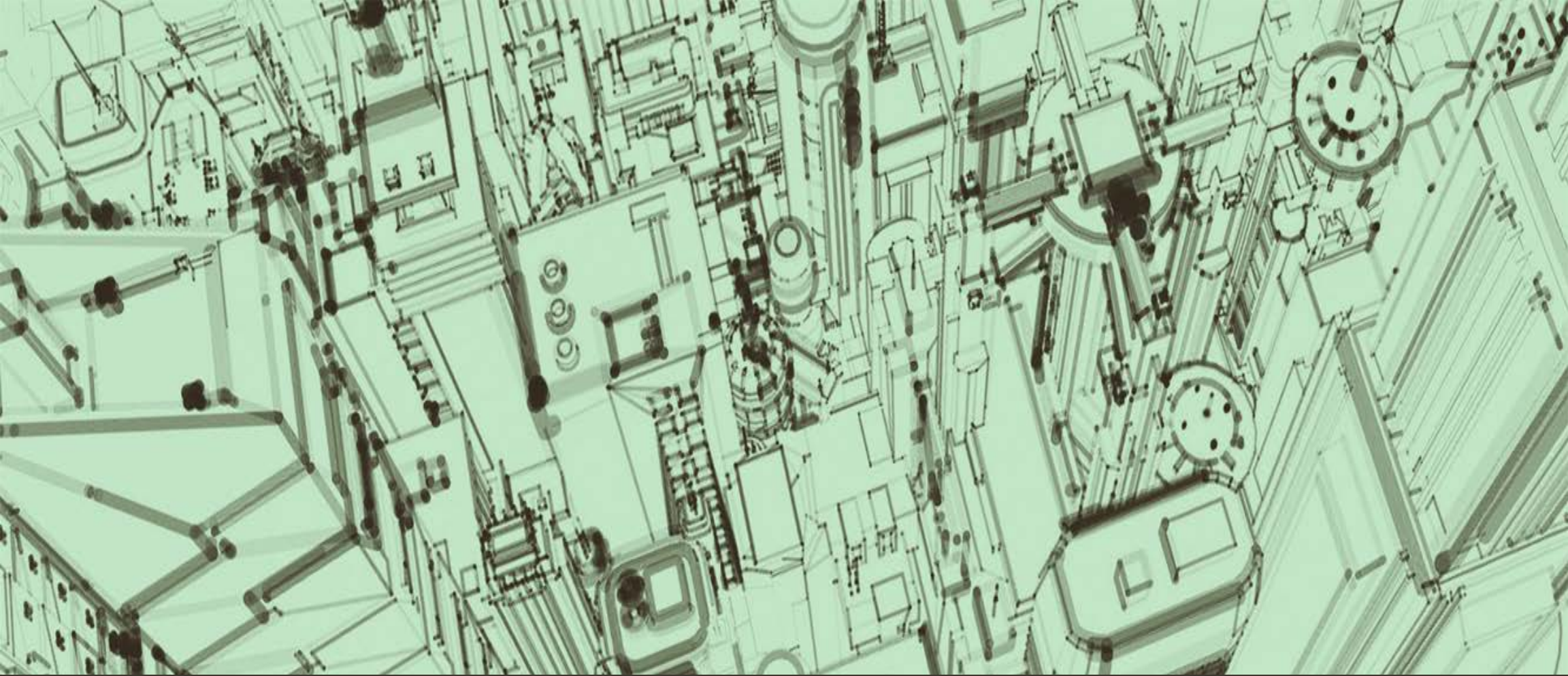
**CITY COUNCIL WORKSHOP
CITY HALL
389 CONGRESS STREET
CITY COUNCIL CHAMBERS**

DATE: February 4, 2019

TIME: 4:00 PM

AGENDA ITEMS:

1. FY20 Capital Improvement Plan (CIP)



FY20 – FY24 Capital Improvement Plan

City of Portland, Maine

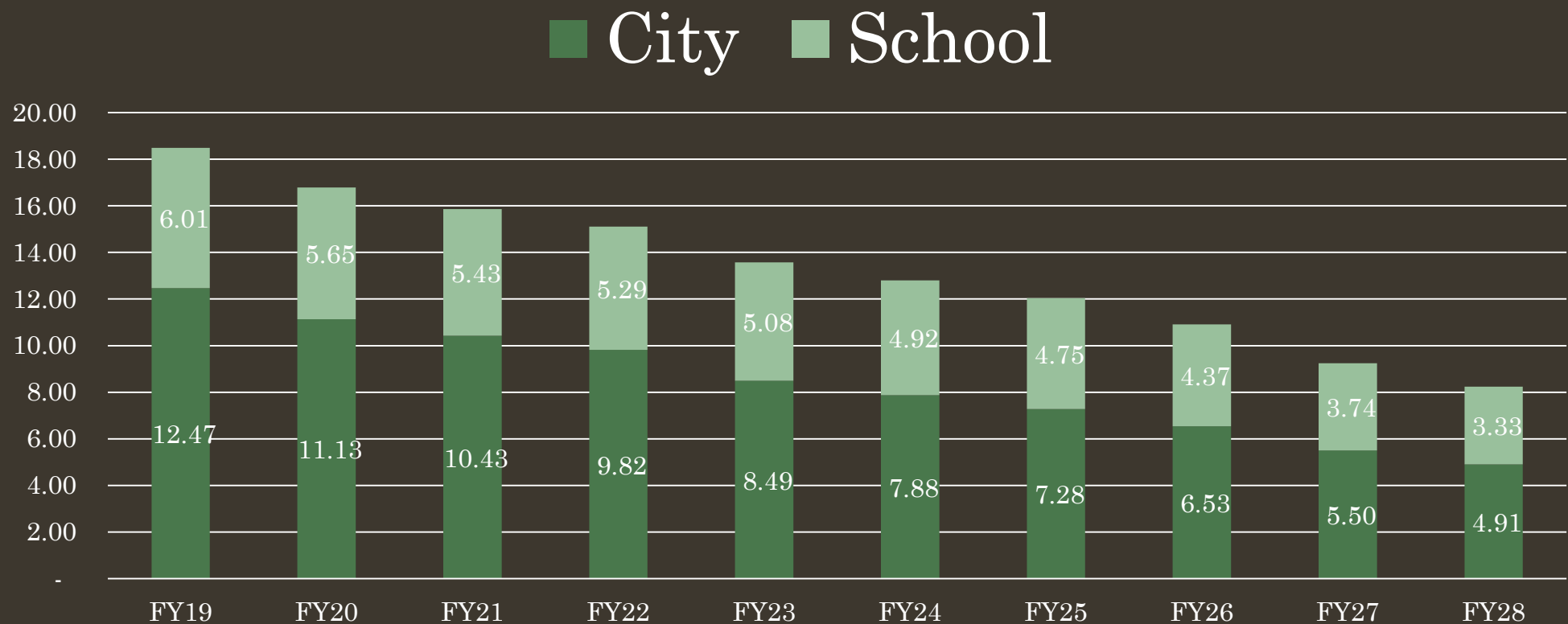


Capital Improvement Plan: FY20 through FY24

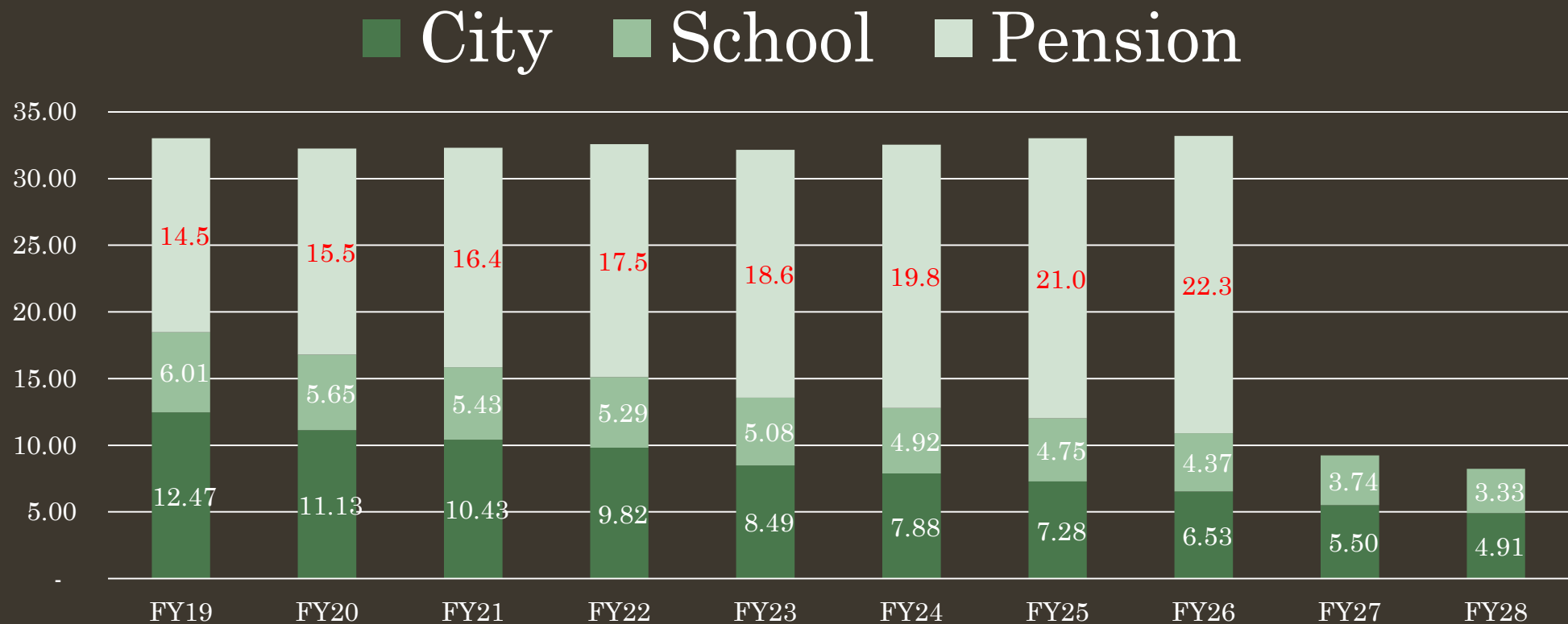
- Review existing and projected debt service by fiscal year
- Review recommended borrowing sizes for FY20 - FY24
- Items of note: FY20 through FY24 CIP
- Review FY20 CIP Project List (General Fund)

NOTE: FY20 CIP bond authorization and appropriation were unanimously approved by Finance Committee on 1/24/2019

Total Existing City and School Annual Debt Service – Excluding Pension Obligation Bonds (in millions)



Total Existing City and School Annual Debt Service – Including Pension Obligation Bonds (in millions)



CIP FY20 – FY24

Target Borrowing Sizes – FY20 through FY24 CIP

- Approximately \$51M in projected borrowing capacity (i.e. new debt issuance) over next 5 fiscal years would maintain existing debt service levels related to CIP
- Target borrowings will be supplemented with other cash funding sources (operating budget, excess fund balance, TIF, privately raised funds, trusts / endowments, special revenue, property sale proceeds, PACTS/MDOT match etc)
- \$12M Target for FY20 increased to \$17M using City Manager supplemental \$5M

CIP Year	Target Borrowing
FY20	\$12.0M
FY21	\$9.5M
FY22	\$10.0M
FY23	\$10.0M
FY24	\$9.5M

CIP FY20 – FY24

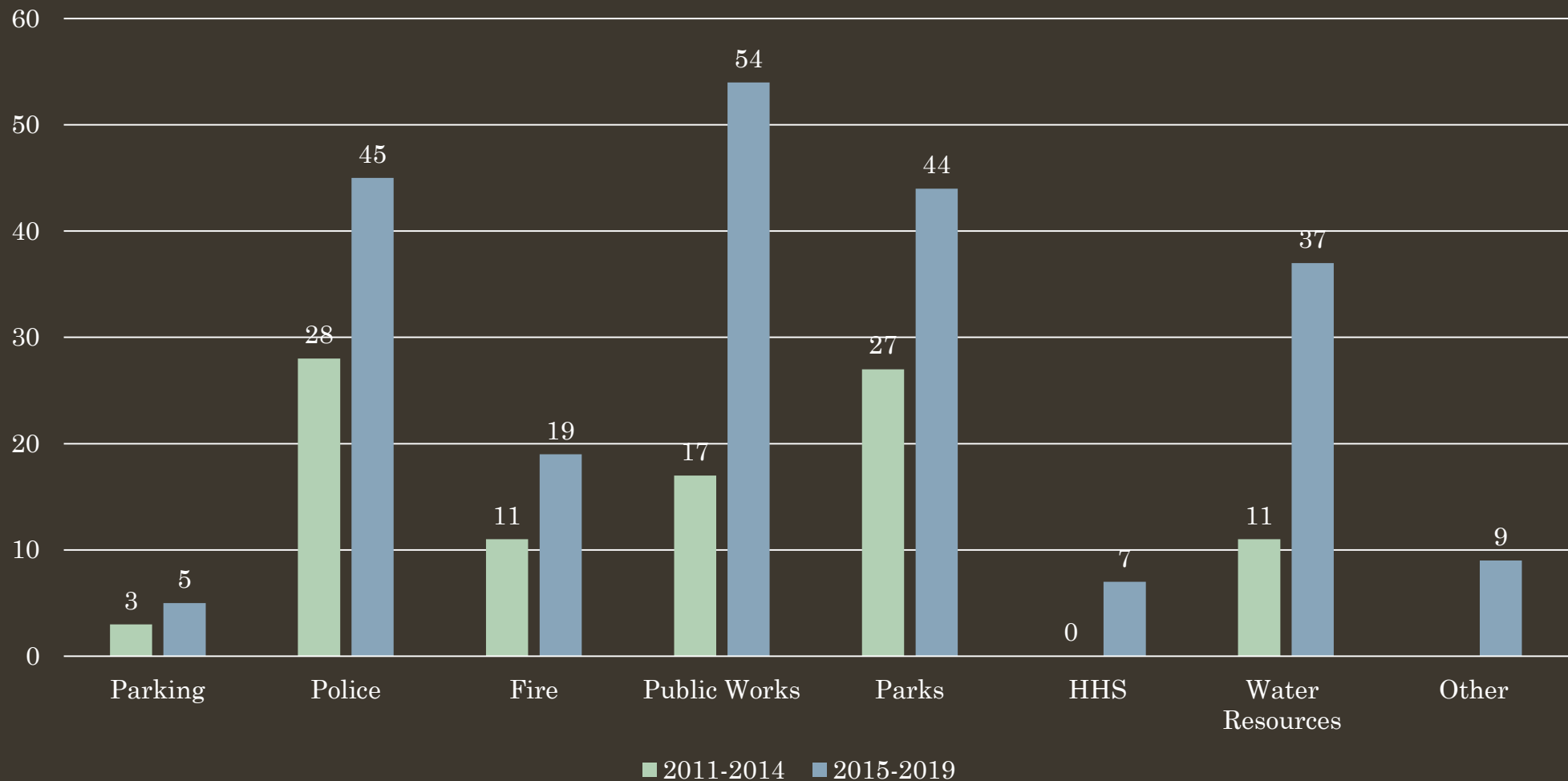
\$5M of “Catch Up” Funding Recommended

- For THIRD (and likely final) year, the City Manager recommended an additional \$5M of “catch up” funding
- City has a backlog of maintenance and replacement on several asset categories but has made major progress on this backlog in the last several years.
- This borrowing will have an estimated \$0.05 impact on future tax rates (i.e. \$0.01 per additional \$1M borrowed) but should also result in some operating budget savings due to reduction in emergency repairs / equipment rentals.

CIP FY20 – FY24

Importance of Clearing the Backlog - Fleet

Fleet Vehicle Replacements by Department



Rental Expenses have decreased from a high of **\$1.4M** in FY15 down to **\$0.9M** in FY18
Repairs have shifted from reactive (fixing broken down apparatus) to proactive (preventative)

CIP FY20 – FY24

Importance of Clearing the Backlog - Streets

- Per Public Works, the average cost to do a shim (thin layer of asphalt) and surface on an average street (32 feet wide) is about \$175k per mile.
- The cost to do a 1 1/4" mill or grind and then pave (aka mill and fill) on the same street is about \$375k per mile
- An average reconstruction on the same street with no curb, sidewalks or drainage on the same road is about **\$1.1M** per mile. Including drainage \$1.3M per mile.

Based on the above estimates, a mill and fill is **29%** of the cost of a full reconstruction. A shim and surface is only **13.5%** of the cost of a full reconstruction

CIP FY20 – FY24

Continued focus on “Green” CIP Projects

- Based on recent City Council priorities, increased focus on green / environmentally friendly CIP projects
- Bike and pedestrian trails and protected lanes
- Investment in hybrid police cruisers
- Continuation of Ocean Avenue Landfill remediation
- Investments in support of Council goal to reduce pesticides
- Projects which will increase energy efficiency

CIP FY20 – FY24

Other Items of Note

- Total FY20 requests received of over \$50M
- Total FY20 CIP impact over \$21M with \$17M of new debt
- Recommending \$2M usage of excess fund balance to offset required City and School borrowing within FY20 CIP
- Utilizing significant additional funding sources to supplement FY20 CIP (special revenue funds, FY20 operating budget requests, private & state funds)

CIP FY20 – FY24

Notes on future CIP

- FY21-FY24 will be the most difficult CIP period the City has faced in a decade – Significant drop in funding capacity.
- Other major capital funding challenges exist with amounts still being determined (BFOF project budget challenges / overages, completion of Public Works relocation to Canco Road, Franklin / Marginal redesign, new homeless shelter)
- Other funding sources will need to be leveraged heavily, private donations, MDOT / PACTS funding, TIF funding, special revenue funds, other State and Federal grants.
- Relief is on the medium term horizon with retirement of Pension Obligation Bonds – June 1, 2026.

General Fund

FY20-FY24 City of Portland Maine Capital Improvement Plan					
City Manager Recommended FY20 Projects & Costs					
See Attachment for Additional Backup Materials					
FY	Classification	Department	Division	ProjectTitle	2020
HEALTH AND HUMAN SERVICES					
Total FY20 for Department				\$416,850	
2020	Facilities	Barron Center	Environmental Services	Generator Replacement-Phase II-Life Safety & Internal Wiring	170,000
2020	Facilities	Barron Center	Nutrition Services	BCI Basement Kitchen & Receiving Renovations	104,250
2020	Equipment	Barron Center	Nursing	Replace Patient Call System Phase III	142,600
FIRE DEPARTMENT					
Total FY20 for Department				\$460,000	
2020	Facilities	Fire Department	Building Maintenance	Fire Station Rehabilitation (Various Stations)	300,000
2020	Facilities	Fire Department	Building Maintenance	Bramhall - Sprinkler System Feed	160,000
INFORMATION TECHNOLOGY					
Total FY20 for Department				\$150,000	
2020	Information Technology	Information Technology		Virtualization, Storage and Redundancy Upgrade	
2020	Equipment	Information Technology		Upgrade Network switches	150,000
LIBRARY					
Total FY20 for Department				\$35,000	
2020	Facilities	Library		Lower Level Flooring / Carpeting	35,000
PARKING / GARAGES					
Total FY20 for Department				\$1,190,000	
2020	Facilities	Parking / Garages	Spring Street Garage	Spring St Garage Steel Beem repairs	290,000
2020	Facilities	Parking / Garages	Temple Street Garage	Temple St Garage Façade	700,000
2020	Equipment	Parking / Garages	Administration	Parking Meters Replacement	185,000
2020	Equipment	Parking / Garages	Administration	Multi space parking meters	15,000
PARKS AND RECREATION					
Total FY20 for Department				\$925,000	
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Riverton Playground Replacement	250,000
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Athletic Facilities	Riverton Softball Drainage and Erosion Issues	65,000
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Athletic Facilities	Dougherty Athletic Field	200,000
2020	Equipment	Parks, Rec & Public Assembly	Public Assembly	Walk Through Metal Detectors	55,000
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Park Walkways and Road Paving	100,000
2020	Facilities	Parks, Rec & Public Assembly	Golf Course	Reconstruction of Cart Path for ADA Access	50,000
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Athletic Facilities	Eastern Prom, Lyman Moore and Riverton Tennis/Basketball Courts	50,000
2020	Vehicle - New (Not Rep)	Parks, Rec & Public Assembly	Recreation	Twelve Passenger Van with Handicapped Lift	65,000
2020	Facilities	Parks, Rec & Public Assembly	Ice Arena	Flooring, Sound System and Rear Entryway	90,000
PLANNING AND URBAN DEVELOPMENT					
Total FY20 for Department				\$170,000	
2020	Transportation	Planning & Urban Development	Transportation	West Commercial Street Pathway - Phases II and III	50,000
2020	Transportation	Planning & Urban Development	Transportation	Neighborhood Byway Network Implementation	120,000
POLICE DEPARTMENT					
Total FY20 for Department				\$250,000	
2020	Equipment	Police Department	Operations Support Svces	Records Management System	250,000
PUBLIC BUILDINGS & WATERFRONT					
Total FY20 for Department				\$2,025,000	
2020	Marine	Public Buildings & Waterfront	Waterfront	Waterfront Fender System (POT)	1,050,000
2020	Facilities	Public Buildings & Waterfront	Exposition Building	Expo Exterior Masonry North Wall	200,000
2020	Equipment	Public Buildings & Waterfront	City Hall	State of Maine Room & Customer Service Areas A/C Installation	200,000
2020	Marine	Public Buildings & Waterfront	Waterfront	Compass Park Ongoing pile/pier work	100,000
2020	Marine (i.e., piers)	Public Buildings & Waterfront	Waterfront	Bollard / Bit Replacement	100,000
2020	Facilities	Public Buildings & Waterfront	Other Public Buildings	Fort Allen Gazebo	25,000
2020	Equipment	Public Buildings & Waterfront	City Hall	Passenger Elevator Modernization	300,000
2020	Facilities	Public Buildings & Waterfront	Exposition Building	Roof Replacement Exposition Building	50,000
PUBLIC WORKS					
Total FY20 for Department				\$6,138,750	
2020	Facilities	Public Works	Solid Waste	Ocean Avenue Landfill	300,000
2020	Transportation	Public Works	Engineering	CSO Compliance - SRF Ineligibles	500,000
2020	Transportation	Public Works	Engineering	PACTS Collector Paving - Cumberland Avenue	249,000
2020	Transportation	Public Works	Engineering	PACTS Collector Paving - Danforth Street	103,000
2020	Transportation	Public Works	Engineering	India Street CPR and ADA Improvements	396,000
2020	Transportation	Public Works	Engineering	PACTS MPI Brighton Ave. (Holm to Westbrook)	180,750

General Fund

2020	Transportation	Public Works	Engineering	PACTS Washington Avenue Road & Signals	50,000
2020	Transportation	Public Works	Engineering	Congress Square Intersection Construction	150,000
2020	Transportation	Public Works	Engineering	Pavement Preservation Program	1,800,000
2020	Transportation	Public Works	Engineering	Traffic Signal Upgrades with Paving Programs	100,000
2020	Sidewalks	Public Works	Engineering	Sidewalk Rehabilitation/Accessibility	525,000
2020	Transportation	Public Works	Engineering	Traffic Signals Upgrade Program	400,000
2020	Transportation	Public Works	Engineering	PACTS RTMS - Traffic Signal Communications Systems	200,000
2020	Transportation	Public Works	Engineering	Street Rehabilitation Program	250,000
2020	Transportation	Public Works	Engineering	GDI to LDI Passageway	235,000
2020	Transportation	Public Works	Engineering	Washington Avenue Rehabilitation (Cumberland to E. Prom)	50,000
2020	Transportation	Public Works	Engineering	Rehabilitation of Cobblestone / Paver Streets	100,000
2020	Transportation	Public Works	Engineering	Monument Way & Square Rehabilitation	100,000
2020	Transportation	Public Works	Engineering	Arterial Street Ped Crossings	50,000
2020	Transportation	Public Works	Engineering	Separated Bike Lanes	100,000
2020	Transportation	Public Works	Engineering	Peaks Island Parking Lot	50,000
2020	Marine	Public Works	Engineering	Stoudwater Dam	50,000
2020	Transportation	Public Works	Engineering	Franklin Street Design Completion and Construction	200,000
SCHOOL DEPARTMENT					
Total FY20 for Department				\$3,500,400	
2020	Vehicles	School Department	PPS	Replace one van and two ADA buses	\$234,900
2020	Equipment	School Department	PPS	PATHS/CBHS Technology/Network Upgrade	\$200,000
2020	Facilities	School Department	PPS	DHS Kitchen remodel	\$200,000
2020	Facilities	School Department	PPS	Pave multiple campuses	\$250,000
2020	Facilities	School Department	PPS	Replace retaining wall and iron railings	\$325,500
2020	Facilities	School Department	PPS	PATHS/CBS Replace windows	\$430,000
2020	Facilities	School Department	PPS	PIES Interior renovations	\$250,000
2020	Facilities	School Department	PPS	DHS Replace Windows	\$405,000
2020	Facilities	School Department	PPS	PHS Replace Windows	\$75,000
2020	Facilities	School Department	PPS	DHS Replace Air Handling Units	\$355,000
2020	Facilities	School Department	PPS	Riverton Replace A/C	\$660,000
2020	Facilities	School Department	PPS	Door access controls - DHS, PHS, and PATHS	\$115,000
FLEET MAINTENANCE					
Total FY20 for Department				\$3,619,000	
2020	Vehicles	Vehicle Maintenance	Fire Department	0272 Squad 301 Heavy Rescue PFD Fire	68,000
2020	Vehicles	Vehicle Maintenance	Fire Department	0284 Engine 311 Replacment PFD Fire - Ocean Ave Station	750,000
2020	Vehicles	Vehicle Maintenance	Public Works	4057 - Rear Load Packer, Replace with Automated - DPW Solid W	325,000
2020	Vehicles	Vehicle Maintenance	Public Works	4052 - Rear Load Packer DPW Solid Waste	250,000
2020	Vehicles	Vehicle Maintenance	Public Works	2501 1 Ton Wrecker Replacement - Fleet	100,000
2020	Vehicles	Vehicle Maintenance	Recreation and Facilities	5097 Pulp Loader Replacement - Forestry	250,000
2020	Vehicles	Vehicle Maintenance	Police Department	Replace Patrol Vehicles PD Patrol (7 total including 2 hybrids)	280,000
2020	Vehicles	Vehicle Maintenance	Public Works	Plow Loader - DPW Winter	160,000
2020	Vehicles	Vehicle Maintenance	Public Works	3096 TA Dump Truck Wheeler Plow Replacement - Districting	215,000
2020	Vehicles	Vehicle Maintenance	Fire Department	0931 Rechassis Medcu Ambulance PFD Medcu	150,000
2020	Vehicles	Vehicle Maintenance	Public Works	8104 Sidewalk Tractor DPW PDD	150,000
2020	Vehicles	Vehicle Maintenance	Public Works	8107 Sidewalk Tractor DPW PDD	150,000
2020	Vehicles	Vehicle Maintenance	Recreation and Facilities	3121 1 Ton Dump Truck Replacement - Cemeteries	65,000
2020	Vehicles	Vehicle Maintenance	Fire Department	0224 Command Car FD Fire	40,000
2020	Vehicles	Vehicle Maintenance	Recreation and Facilities	2185 3/4 ton pickup - PRF Ballfields	40,000
2020	Vehicles	Vehicle Maintenance	Recreation and Facilities	3104 1 Ton PRF Ballfields	65,000
2020	Vehicles	Vehicle Maintenance	Recreation and Facilities	3103 1 Ton Dump Truck Replacement - Parks	65,000
2020	Vehicles	Vehicle Maintenance	Public Works	3105 1 Ton Dump Truck Replacement - Districting	70,000
2020	Vehicles	Vehicle Maintenance	Public Works	Add Sanders to 2 DPW F550s for Winter	15,000
2020	Vehicle - New (Not Rep	Vehicle Maintenance	Public Works	Add Steam Weed Removal Machine - DPW Districting	25,000
2020	Vehicles	Vehicle Maintenance	Recreation and Facilities	0247 1/2 Ton Pickup w/ Liftgate PRF PAF	35,000
2020	Vehicles	Vehicle Maintenance	Public Works	0041 - Replace Taurus w/ Used SUV - DPW	20,000
2020	Vehicles	Vehicle Maintenance	Public Works	Pickup Truck Funding	100,000
2020	Vehicles	Vehicle Maintenance	Recreation and Facilities	Purchase (2) Used Utility Vans - PRF Trades	36,000
2020	Vehicles	Vehicle Maintenance	Recreation and Facilities	Replace Crown Vic w/ Used SUV PRF Parks Manager	20,000
2020	Vehicles	Vehicle Maintenance	Police Department	0186 Animal Control Officer Van Replacement - Police	35,000
2020	Vehicles	Vehicle Maintenance	Police Department	0140 Rechassis Arrest Truck PD Patrol	40,000
2020	Vehicles	Vehicle Maintenance	Recreation and Facilities	Smithco Turf RakeReplacement - Cemeteries 1046	40,000
2020	Vehicles	Vehicle Maintenance	Recreation and Facilities	Replace Fairway Mower(s) PRF Golf	60,000
2020	Public Art				60,000
2020	Land Bank				60,000
Total FY20 for Department					19,000,000
	Less: 1M of City Fund Balance				-1,000,000
	Less: 1M of School Fund Balance				-1,000,000
FY20 Total - New Debt / General Obligation Bonding					17,000,000

General Fund

FY20-FY24 City of Portland Maine Capital Improvement Plan									
City Manager Recommended FY20 Projects & Costs									
FY21-FY24 Amounts are Requests Only - Initial Available Funding Projection by Department for FY21-FY24 Also Listed									
FY	Classification	Department	Division	ProjectTitle	2020	2021	2022	2023	2024
HEALTH AND HUMAN SERVICES									
Total FY19					\$615,028				
Total FY20					\$416,850				
FY21-FY24 Initial Projections					\$300,000				
2020	Facilities	Barron Center	Environmental Services	Generator Replacement-Phase II-Life Safety & Internal Wiring	170,000				
2020	Facilities	Barron Center	Nutrition Services	BCI Basement Kitchen & Receiving Renovations	104,250				
2020	Equipment	Barron Center	Nursing	Replace Patient Call System Phase III	142,600				
2020	Streets/Sidewalks	Barron Center	Environmental Services	Resurface of roadways & parking lots		139,293	139,293		
2020	Facilities	Barron Center	Environmental Services	Storage Garage for Wheelchairs & Equipment		93,750			
2020	Equipment	Barron Center	Environmental Services	Domestic Hot Water Heater BCI & Laundry		65,450			
2020	Facilities	Barron Center	Environmental Services	Energy Management System		233,500	68,000	68,000	68,000
FIRE DEPARTMENT									
Total FY19					\$100,000				
Total FY20					\$460,000				
FY21-FY24 Initial Projections					\$350,000				
2020	Facilities	Fire Department	Building Maintenance	Fire Station Rehabilitation (Various Stations)	300,000				
2020	Facilities	Fire Department	Building Maintenance	Bramhall - Sprinkler System Feed	160,000				
2020	Facilities	Fire Department	Building Maintenance	Munjoy Station Renovation		885,000			
2020	Facilities	Fire Department	Building Maintenance	Munjoy, Riverton, Ocean Ave		165,000			
2020	Equipment	Fire Department	Building Maintenance	Allen Ave Appliances		100,000			
2020	Facilities	Fire Department	Building Maintenance	Engineering Services - Munjoy		90,000			
2020	Facilities	Fire Department	Building Maintenance	Engineering Service - Riverton Fire Station		90,000			
2020	Facilities	Fire Department	Building Maintenance	Ocean Ave - Floor Slab Repair		80,000			
2020	Equipment	Fire Department	Building Maintenance	Fire Alarm/AES Panel Installations		80,000			
2020	Facilities	Fire Department	Building Maintenance	Munjoy - Floor Slab Repair		70,000			
2020	Facilities	Fire Department	Building Maintenance	Riverton - Window Replacement		50,000			
2020	Facilities	Fire Department	Building Maintenance	Schematic Designs		50,000			
2020	Central Fire -	Fire Department	Building Maintenance	Central Fire - Lead/Abatement Removal Phase 1		30,000			
2020	Facilities	Fire Department	Building Maintenance	Ocean Ave Station Renovation			966,000		
2020	Facilities	Fire Department	Building Maintenance	Engineering Services - Stevens Ave				250,000	
2020	Facilities	Fire Department	Building Maintenance	Riverton Station Renovation		900,000			
2020	Facilities	Fire Department	Building Maintenance	LDI/Cushing Island Apparatus Storage					
2020	Facilities	Fire Department	Building Maintenance	Peaks Police/Fire Station Renovation					
2020	Facilities	Fire Department	Building Maintenance	Engineering Services - Central Fire Station				300,000	
2020	Facilities	Fire Department	Building Maintenance	Engineering Services - Bramhall Station			200,000		
2020	Facilities	Fire Department	Building Maintenance	Bramhall Station Renovation				2,400,000	
2020	Facilities	Fire Department	Building Maintenance	Stevens Ave Station New Construction					
2020	Facilities	Fire Department	Building Maintenance	Central station Renovation					
2020	Facilities	Fire Department	Building Maintenance	Engineering Services - Ocean Ave		100,000			
2020	Equipment	Fire Department	Building Maintenance	Portable Building Generator		105,000			
INFORMATION TECHNOLOGY									
FY19 Total					\$350,000				
FY20 Total					\$150,000				
FY21-FY24 Initial Projections					\$300,000				
2020	Information Technolog	Information Technology		Virtualization, Storage and Redundancy Upgrade					
2020	Equipment	Information Technology		Upgrade Network switches	150,000				
LIBRARY									
FY19 Total					\$0				
FY20 Total					\$35,000				
FY21-FY24 Initial Projections					\$25,000				
2020	Facilities	Library		Recarpet Lower Level	35,000				
2020	Facilities	Library		Fluorescent Light Retrofit		32,000			
PARKING / GARAGES									
FY19 Total					\$290,000				
FY20 Total					\$1,190,000				
FY21-FY24 Initial Projections					\$375,000				
2020	Facilities	Parking / Garages	Spring Street Garage	Spring St Garage Steel Beam repairs	290,000				
2020	Facilities	Parking / Garages	Temple Street Garage	Temple St Garage Façade	700,000				
2020	Facilities	Parking / Garages	Temple Street Garage	Temple St Parking Garage Cond. Appraisal Rprs		185,000			
2020	Equipment	Parking / Garages	Administration	Parking Meters Replacement	185,000		185,000		
2020	Equipment	Parking / Garages	Administration	Multi space parking meters	15,000				
2020	Facilities	Parking / Garages	Temple Street Garage	Temple St Garage Cond. Appraisal Rrs Concrete & S/W 1					
2020	Facilities	Parking / Garages	Elm Street Garage	Recaulking joints Elm St Garage			360,000		
2020	Equipment	Parking / Garages		Parking Meter Replacement		185,000			
2020	Facilities	Parking / Garages	Temple Street Garage	Neogard traffic Membrane recoat Temple St				475,000	
2020	Facilities	Parking / Garages	Spring Street Garage	Neogard Traffic membrane Recoat Spring St					
2020	Facilities	Parking / Garages	Spring Street Garage	Roof Deck Traffic Membrane Recoat				140,000	
2020	Facilities	Parking / Garages	Elm Street Garage	Deck Waterproofing				160,000	
PARKS AND RECREATION									
FY19 Total					\$872,772				
FY20 Total					\$925,000				
FY21-FY24 Initial Projections					\$900,000				
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Stabilization of Moontide Park - Portland Landing Phase 1A		1,000,000			
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Riverton Playground Replacement	250,000				
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Athletic Facilities	Riverton Softball Drainage and Erosion Issues	65,000				
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Athletic Facilities	Dougherty Athletic Field	200,000				
2020	Equipment	Parks, Rec & Public Assembly	Public Assembly	Walk Through Metal Detectors	55,000				
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Park Walkways and Road Paving	100,000				
2020	Facilities	Parks, Rec & Public Assembly	Golf Course	Reconstruction of Cart Path for ADA Access	50,000				
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Athletic Facilities	Eastern Prom, Lyman Moore and Riverton Tennis/Basketball Cov	50,000				
2020	Vehicle - New (Not Rep	Parks, Rec & Public Assembly	Recreation	Twelve Passenger Van with Handicapped Lift	65,000				
2020	Facilities	Parks, Rec & Public Assembly	Ice Arena	Flooring, Sound System and Rear Entryway	90,000	100,000			
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Athletic Facilities	Riverton Softball Lighting Replacement		255,000			
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Evergreen Driveway Drainage		290,000			
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Picnic Pavilions		110,000			
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Riverton Preserve ADA Trail		60,000			
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	City Wide Fencing Replacement		100,000			
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Recreation	Replace Gym Floor at Riverton		125,000			
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	East End Boat Launch Reconstruction		150,000			
2020	Facilities	Parks, Rec & Public Assembly	Golf Course	Replace Maintenance Facility		20,000	200,000		
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Administration	Repair fence at Ocean Avenue Dog Park		28,000			
2020	Equipment	Parks, Rec & Public Assembly	Golf Course	Winter Grooming Machine		30,000			
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Deering High Field Upgrades		275,000	200,000		
2020	Facilities	Parks, Rec & Public Assembly	Recreation	Ice Arena - Sidewalk replacement and addition parking spaces		87,200			
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Deering Oaks Baseball Lights		350,000			
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Deering Oaks Infield Upgrades		75,000			
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Fitzpatrick Paving and ADA Improvements		235,000			
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Fitzpatrick Stadium Entrance Upgrades					
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Fox St Irrigation Replacement			50,000		

General Fund

2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Evergreen Repaving Roads				125,000					
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Nasons Corner Community Garden				25,000					
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Deering Oaks Tennis Court Lights-Replace									
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Fox St Basketball Resurface			30,000						
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Longfellow Basketball Drainage				175,000					
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Longfellow Basketball Resurface				75,000					
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Payson Tennis and Basketball Court Resurface			50,000						
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Reiche Basketball Resurface			30,000						
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Deering Oaks Ravine Rehab			475,000						
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Deering Oaks Sidewalks and Curbing-Kings Cross Rd				450,000					
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Deering Oaks Sidewalks-walking paths around pond				150,000					
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Martins Point Access Improvements				150,000					
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Payson Park Parking and Curbing Construction				250,000					
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Picnic Pavilions				150,000					
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Riverton Trolley Park Trails, Water Access			75,000						
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Longfellow Playground			250,000						
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Deering Oaks Ravine Wading Pool			250,000						
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Stone Street Playground-Upgrade and Splashpad Erosion Issues				200,000					
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Tate Tyng Playground				150,000					
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Back Cove Guard Rail			100,000						
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Sensory Trail			50,000						
2020	Facilities	Parks, Rec & Public Assembly	Golf Course	Cart Shed Upgrades			50,000						
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Evergreen Columbarium: Phase II and III				70,000					
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Harborview Park Community Garden			30,000						
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Valley Street Basketball Reconstruction			65,000						
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Lyseth Playground			250,000						
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Payson B Softball Drainage and Irrigation			110,000						
2020	Facilities	Parks, Rec & Public Assembly	Golf Course	ADA Accessible Path at Riverside Golf Course			225,000						
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Fort Gorges			209,000						
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Lincoln Park Fence Restoration Phase II			300,000						
PLANNING AND URBAN DEVELOPMENT													
FY19 Total							\$105,000						
FY20 Total							\$170,000						
FY21-FY24 Initial Projections							\$170,000						
2020	Transportation	Planning & Urban Development	Transportation	Parkside to Libbystown Pathway			200,000	500,000					
2020	Transportation	Planning & Urban Development	Planning	Congress Square Redesign				145,000			2,130,000		
2020	Transportation	Planning & Urban Development	Transportation	East Coast Greenway Baxter Blvd/Back Cove to Martins Point			100,000	75,000					
2020	Transportation	Planning & Urban Development	Transportation	West Commercial Street Pathway - Phases II and III		50,000	105,000						
2020	Transportation	Planning & Urban Development	Transportation	Neighborhood Byway Network Implementation		120,000	120,000	120,000			120,000		
POLICE DEPARTMENT													
FY19 Total							\$1,000,000						
FY20 Total							\$250,000						
FY21-FY24 Initial Projections							\$250,000						
2020	Equipment	Police Department	Operations Support Svces	Records Management System		250,000							
PUBLIC BUILDINGS & WATERFRONT													
FY19 Total							\$750,000						
FY20 Total							\$2,025,000						
FY21-FY24 Initial Projections							\$900,000						
2020	Marine	Public Buildings & Waterfront	Waterfront	Waterfront Fender System (POT)		1,050,000							
2020	Facilities	Public Buildings & Waterfront	Exposition Building	Expo Exterior Masonry North Wall		200,000							
2020	Equipment	Public Buildings & Waterfront	Hadlock Field	Hadlock Lighting Upgrades			250,000						
2020	Equipment	Public Buildings & Waterfront	City Hall	City Hall Fire Doors for Common Areas			105,000						
2020	Equipment	Public Buildings & Waterfront	City Hall	State of Maine Room & Customer Service Areas A/C Installation		200,000	150,000	150,000					
2020	Facilities	Public Buildings & Waterfront	Public Safety	Replace Concrete Steps/Railings at Main Entrance			125,000						
2020	Marine	Public Buildings & Waterfront	Waterfront	Compass Park Ongoing pile/pier work		100,000	100,000						
2020	Facilities	Public Buildings & Waterfront	Waterfront	Pile Jackets -OG				225,000					
2020	Marine (i.e., piers)	Public Buildings & Waterfront	Waterfront	Bollard / Bit Replacement		100,000		100,000					
2020	Facilities	Public Buildings & Waterfront	Other Public Buildings	East End Recreational Boat Ramp Replacement			150,000						
2020	Facilities	Public Buildings & Waterfront	Exposition Building	Expo - ADA Upgrades			230,000						
2020	Facilities	Public Buildings & Waterfront	Other Public Buildings	Observatory - Painting and Other Maintenance			50,000						
2020	Facilities	Public Buildings & Waterfront	Public Safety	Window Replacement			300,000	200,000					
2020	Marine	Public Buildings & Waterfront	Waterfront	POT - Pile Survey			100,000						
2020	Sidewalks	Public Buildings & Waterfront	Exposition Building	Sidewalks at Exposition Building Entrance			160,000						
2020	Facilities	Public Buildings & Waterfront	Other Public Buildings	Forest City Cemetery			200,000						
2020	Equipment	Public Buildings & Waterfront	City Hall	Portable 3 Phase Generator			10,000	120,000					
2020	Equipment	Public Buildings & Waterfront	Merrill Auditorium	Heat Piping replacement			100,000						
2020	Facilities	Public Buildings & Waterfront	Other Public Buildings	Fort Allen Gazebo		25,000							
2020	Equipment	Public Buildings & Waterfront	City Hall	Passenger Elevator Modernization		300,000							
2020	Equipment	Public Buildings & Waterfront	City Hall	Mechanical Assist Mobile Storage for Planning			80,000						
2020	Facilities	Public Buildings & Waterfront	Waterfront	Terminal Bldg Renovation			420,000						
2020	Facilities	Public Buildings & Waterfront	City Hall	Archivist			200,000						
2020	Facilities	Public Buildings & Waterfront	Exposition Building	Roof Replacement Exposition Building		50,000	490,000						
2020	Facilities	Public Buildings & Waterfront	Merrill	Merrill - Engineering for roof replacement			40,000	550,000					
2020	Facilities	Public Buildings & Waterfront	Merrill Auditorium	Replace Rest Room Partitions			100,000						
2020	Facilities	Public Buildings & Waterfront	City Hall	Copper Roof Eng/Replacement			40,000				1,000,000		
2020	Facilities	Public Buildings & Waterfront	City Hall	Replace sewer main in tunnel				100,000					
2020	Facilities	Public Buildings & Waterfront	City Hall	Roof Replacement Engineering			150,000						
2020	Facilities	Public Buildings & Waterfront	City Hall	Clock Tower Mortar Repairs		250,000	300,000						
2020	Facilities	Public Buildings & Waterfront	Exposition Building	Emergency Egress at Exposition Building		235,000							
2020	Facilities	Public Buildings & Waterfront	Exposition Building	Concession Stand Renovation			400,000						
2020	Facilities	Public Buildings & Waterfront	Other Public Buildings	North Course Clubhouse									
2020	Facilities	Public Buildings & Waterfront	Hadlock Field	Hadlock Concourse Stair Stringers				100,000					
2020	Facilities	Public Buildings & Waterfront	Hadlock Field	Structural Repairs/Roof Covering - Hadlock		150,000							
2020	Facilities	Public Buildings & Waterfront	Hadlock Field	Metal Siding,Door,Window Replacement				100,000					
2020	Facilities	Public Buildings & Waterfront	Hadlock Field	Skybox Structural Concrete/Steel Repairs		100,000	100,000						
2020	Facilities	Public Buildings & Waterfront	Merrill Auditorium	Replace exterior doors and windows			300,000						
2020	Facilities	Public Buildings & Waterfront	Merrill Auditorium	Lobby/Concession Flooring		200,000							
2020	Facilities	Public Buildings & Waterfront	Merrill Auditorium	Hall Seating Replacement (4 Phases)			200,000	200,000					
2020	Facilities	Public Buildings & Waterfront	Merrill Auditorium	Stage Floor Replacement				80,000					
2020	Facilities	Public Buildings & Waterfront	Other Public Buildings	Deering Oaks Restroom Facility			50,000	500,000					
2020	Facilities	Public Buildings & Waterfront	Other Public Buildings	90 Anderson St - Upgrades			250,000						
2020	Facilities	Public Buildings & Waterfront	Public Safety	Repaint/Waterproof Building Exterior				300,000					
2020	Facilities	Public Buildings & Waterfront	Public Safety	Brick Plaza Replacement									
2020	Facilities	Public Buildings & Waterfront	City Hall	Café relocation/Breakroom		75,000							
2020	Facilities	Public Buildings & Waterfront	City Hall	Add Sprinkler System		315,000							
2020	Facilities	Public Buildings & Waterfront	Public Safety	Master Plan									
2020	Facilities	Public Buildings & Waterfront	Exposition Building	Retaining Wall			90,000						
2020	Facilities	Public Buildings & Waterfront	Merrill Auditorium	Exterior Masonry Repairs		50,000							
2020	Facilities	Public Buildings & Waterfront	Hadlock Field	Restroom Partition Replacement		20,000							
2020	Facilities	Public Buildings & Waterfront	Merrill Auditorium	Carpet Replacement			200,000						
2020	Marine (i.e., piers)	Public Buildings & Waterfront	Waterfront	Capstans at Portland Ocean Terminal				80,000					
2020	Marine	Public Buildings & Waterfront	Waterfront	On going pile/pier work at OG and P.O.T		225,000	225,000	225,000					
2020	Marine	Public Buildings & Waterfront	Waterfront	Mega Berth Terminal Structural Painting		100,000							
2020	Marine	Public Buildings & Waterfront	Waterfront	POT Rail Removal		100,000		100,000					
2020	Marine (i.e., piers)	Public Buildings & Waterfront	Waterfront	Floats at Maine State Pier/Great Diamond Island		100,000	100,000						
2020	Streets/Sidewalks	Public Buildings & Waterfront	Waterfront	Great Diamond Island Boardwalk									
2020	Marine	Public Buildings & Waterfront	Waterfront	Peaks Govt Dock									
PUBLIC WORKS													

General Fund

FY19 Total					\$6,688,291					
FY20 Total					\$6,138,750					
FY21-FY24 Initial Projections					\$5,000,000					
2020 Facilities	Public Works	Solid Waste	Ocean Avenue Landfill			300,000	300,000			
2020 Transportation	Public Works	Engineering	CSO Compliance - SRF Ineligibles			500,000	1,000,000	1,000,000	1,000,000	1,000,000
2020 Transportation	Public Works	Engineering	PACTS Collector Paving - Cumberland Avenue			249,000				
2020 Transportation	Public Works	Engineering	PACTS Collector Paving - Danforth Street			103,000				
2020 Transportation	Public Works	Engineering	India Street CPR and ADA Improvements			396,000				
2020 Transportation	Public Works	Engineering	PACTS MPI Brighton Ave. (Holm to Westbrook)			180,750				
2020 Transportation	Public Works	Engineering	PACTS MPI Congress St (FRPW to Stevens)				320,000			
2020 Transportation	Public Works	Engineering	Congress Street RTMS Signal Project: Supplemental Funding				275,000			
2020 Transportation	Public Works	Engineering	Morrills Corner (State Route 302 and 100)				105,000	280,000	1,800,000	
2020 Transportation	Public Works	Engineering	PACTS Washington Avenue Road & Signals			50,000	390,500			
2020 Transportation	Public Works	Engineering	Congress Square Intersection Construction			150,000	1,000,000			
2020 Transportation	Public Works	Engineering	Pavement Preservation Program	1,800,000		4,000,000	4,000,000	4,000,000	4,000,000	
2020 Transportation	Public Works	Engineering	Traffic Signal Upgrades with Paving Programs			100,000	150,000	150,000	200,000	200,000
2020 Sidewalks	Public Works	Engineering	Sidewalk Rehabilitation/Accessibility			525,000	1,000,000	1,000,000	1,000,000	1,000,000
2020 Transportation	Public Works	Engineering	Traffic Signals Upgrade Program			400,000	600,000	600,000	600,000	600,000
2020 Transportation	Public Works	Engineering	PACTS RTMS - Traffic Signal Communications Systems			200,000	250,000	250,000	275,000	275,000
2020 Transportation	Public Works	Engineering	Street Rehabilitation Program			250,000	250,000	250,000	250,000	250,000
2020 Transportation	Public Works	Engineering	GDI to LDI Passageway			235,000				
2020 Transportation	Public Works	Engineering	Washington Avenue Rehabilitation (Cumberland to E. Prom)			50,000	150,000	2,200,000		
2020 Transportation	Public Works	Engineering	RR Quiet Zone Compliance Program				100,000	100,000	100,000	100,000
2020 Facilities	Public Works	Island Services	Islands Salt Sheds				100,000			
2020 Transportation	Public Works	Engineering	Rehabilitation of Cobblestone / Paver Streets			100,000	200,000	200,000	250,000	250,000
2020 Transportation	Public Works	Engineering	Monument Way & Square Rehabilitation			100,000	250,000	250,000	250,000	250,000
2020 Transportation	Public Works	Engineering	Arterial Street Ped Crossings			50,000	150,000	150,000	175,000	175,000
2020 Transportation	Public Works	Engineering	Seperated Bike Lanes			100,000				
2020 Transportation	Public Works	Engineering	Peaks Island Parking Lot			50,000				
2020 Marine	Public Works	Engineering	Stoudwater Dam			50,000	50,000	100,000	34,000	33,000
2020 Transportation	Public Works	Districting	Casco Bay Bridge Light Wands							
2020 Transportation	Public Works	Engineering	Congress Street Sidewalk and ADA Improvements				150,000	150,000	150,000	150,000
2020 Transportation	Public Works	Engineering	Marshall Street Improvements				50,000	250,000		
2020 Transportation	Public Works	Engineering	Franklin Street Design Completion and Construction			200,000	4,300,000	250,000	2,500,000	
2020 Transportation	Public Works	Engineering	Somerset Street Project				150,000			
2020 Transportation	Public Works	Engineering	PACTS Collector Paving - Washington Avenue				94,000			
2020 Transportation	Public Works	Engineering	Marginal Way Upgrades				1,000,000			
2020 Transportation	Public Works	Engineering	Forest Avenue from Park Ave to Woodford Street				105,000		1,000,000	
2020 Transportation	Public Works	Engineering	MPI DOT Paving Stevens Avenue				500,000			
2020 Transportation	Public Works	Engineering	Intersection Redesign at Fore and Pearl						65,000	
2020 Transportation	Public Works	Engineering	PACTS TIP - Brighton Avenue Multi-Modal Project				73,750	1,000,000		
2020 Transportation	Public Works	Engineering	Bayside Street & Sidewalk Rehab				250,000	250,000	250,000	
2020 Transportation	Public Works	Engineering	Cliff Island Public Works Facilities				50,000	300,000		
2020 Transportation	Public Works	Engineering	Cutter Street				150,000			
2020 Parks, Fields, Trails	Public Works	Engineering	Veranda Street Open Space				25,000	200,000		
SCHOOL DEPARTMENT										
FY19 Total					\$4,007,454					
FY20 Total					\$3,500,400					
FY21-FY24 Initial Projections (assumes BFOF spread over next 6 years)					\$12,700,000					
2020 Equipment	School Department	PPS	PPS - CIP Projects Placeholder				\$2,000,000	\$2,000,000	\$2,000,000	
2020 Facilities	School Department	PPS	Lyseth Elementary School - Replacement (Funded)							
2020 Vehicles	School Department	PPS	Replace one van and two ADA buses			\$234,900				
2020 Equipment	School Department	PPS	PATHS/CBHS Technology/Network Upgrade			\$200,000				
2020 Facilities	School Department	PPS	DHS Kitchen remodel			\$200,000				
2020 Facilities	School Department	PPS	Pave multiple campuses			\$250,000				
2020 Facilities	School Department	PPS	Replace retaining wall and iron railings			\$325,500				
2020 Facilities	School Department	PPS	PATHS/CBS Replace windows			\$430,000				
2020 Facilities	School Department	PPS	PIES Interior renovations			\$250,000				
2020 Facilities	School Department	PPS	DHS Replace Windows			\$405,000				
2020 Facilities	School Department	PPS	PHS Replace Windows			\$75,000				
2020 Facilities	School Department	PPS	DHS Replace Air Handling Units			\$355,000				
2020 Facilities	School Department	PPS	Riverton Replace A/C			\$660,000				
2020 Facilities	School Department	PPS	Door access controls - DHS, PHS, and PATHS			\$115,000				
FLEET MAINTENANCE										
FY19 Total					\$3,176,000					
FY20 Total					\$3,619,000					
FY21-FY24 Initial Projections					\$2,500,000					
2020 Vehicles	Vehicle Maintenance	Fire Department	0272 Squad 301 Heavy Rescue PFD Fire			68,000				
2020 Vehicles	Vehicle Maintenance	Fire Department	0281 Refurbish Ladder 36 - Bramhall Station					750,000		
2020 Vehicles	Vehicle Maintenance	Fire Department	0284 Engine 311 Replacement PFD Fire - Ocean Ave Station			720,000				
2020 Vehicles	Vehicle Maintenance	Public Works	4057 - Rear Load Packer, Replace with Automated - DPW Solid W			325,000		325,000		
2020 Vehicles	Vehicle Maintenance	Public Works	4052 - Rear Load Packer DPW Solid Waste			250,000	250,000		250,000	
2020 Vehicles	Vehicle Maintenance	Public Works	2501 1 Ton Wrecker Replacement - Fleet			100,000				
2020 Vehicles	Vehicle Maintenance	Recreation and Facilities	5097 Pulp Loader Replacement - Forestry			250,000				
2020 Vehicles	Vehicle Maintenance	Police Department	Replace Patrol Vehicles PD Patrol			280,000	280,000	280,000	280,000	
2020 Vehicles	Vehicle Maintenance	Public Works	Plow Loader - DPW Winter			160,000				
2020 Vehicles	Vehicle Maintenance	Public Works	3096 TA Dump Truck Wheeler Plow Replacement - Districting			215,000				
2020 Vehicles	Vehicle Maintenance	Fire Department	0931 Rechassis Medcu Ambulance PFD Medcu			150,000				
2020 Vehicles	Vehicle Maintenance	Public Works	8104 Sidewalk Tractor DPW PDD			150,000		150,000	150,000	
2020 Vehicles	Vehicle Maintenance	Public Works	8107 Sidewalk Tractor DPW PDD			150,000		150,000	150,000	
2020 Vehicles	Vehicle Maintenance	Recreation and Facilities	3121 1 Ton Dump Truck Replacement - Cemeteries			65,000				
2020 Vehicles	Vehicle Maintenance	Fire Department	0224 Command Car FD Fire			40,000				
2020 Vehicles	Vehicle Maintenance	Recreation and Facilities	2185 3/4 ton pickup - PRF Ballfields			40,000				
2020 Vehicles	Vehicle Maintenance	Recreation and Facilities	3104 1 Ton PRF Ballfields			65,000				
2020 Vehicles	Vehicle Maintenance	Recreation and Facilities	3103 1 Ton Dump Truck Replacement - Parks			65,000				
2020 Vehicles	Vehicle Maintenance	Public Works	3105 1 Ton Dump Truck Replacement - Districting			70,000				
2020 Vehicles	Vehicle Maintenance	Public Works	Add Sanders to 2 DPW F550s for Winter			15,000				
2020 Vehicle - New (Not Rep	Vehicle Maintenance	Public Works	Add Steam Weed Removal Machine - DPW Districting			25,000				
2020 Vehicles	Vehicle Maintenance	Recreation and Facilities	0247 1/2 Ton Pickup w/ Liftgate PRF PAF			35,000				
2020 Vehicle - New (Not Rep	Vehicle Maintenance	Public Works	0041 - Replace Taurus w/ Used SUV - DPW			20,000				
2020 Vehicles	Vehicle Maintenance	Public Works	Road Striper DPW Traffic				140,000			
2020 Vehicles	Vehicle Maintenance	Public Works	Pickup Truck Funding			100,000				
2020 Vehicles	Vehicle Maintenance	Recreation and Facilities	Purchase (2) Used Utility Vans - PRF Trades			36,000				
2020 Vehicles	Vehicle Maintenance	Recreation and Facilities	Replace Crown Vic w/ Used SUV PRF Parks Manager			20,000				
2020 Vehicles	Vehicle Maintenance	Police Department	0186 Animal Control Officer Van Replacement - Police			35,000				
2020 Vehicles	Vehicle Maintenance	Police Department	0140 Rechassis Arrest Truck PD Patrol			40,000				
2020 Vehicles	Vehicle Maintenance	Recreation and Facilities	Smithco Turf RakeReplacement - Cemeteries 1046			40,000				
2020 Vehicles	Vehicle Maintenance	Recreation and Facilities	3083 3/4 Ton Pickup Truck - PRF Golf				40,000			
2020 Vehicles	Vehicle Maintenance	Recreation and Facilities	3117 1 Ton Dump Truck Replacement - Parks				65,000			
2020 Vehicles	Vehicle Maintenance	Recreation and Facilities	2503 1 Ton Crew Cab Pickup Replacement - Forestry				45,000			
2020 Vehicles	Vehicle Maintenance	Fire Department	0221 Replace Car 33 PFD Fire				40,000			
2020 Vehicles	Vehicle Maintenance	Public Works	2019 3/4 Ton Utility Van DPW Traffic				27,000			
2020 Vehicles	Vehicle Maintenance	Public Works	2180 Compact Pickup Replacement - PDD				35,000			
2020 Vehicles	Vehicle Maintenance	Public Works	2021 3/4 Ton Pickup Replacement - DPW Traffic				40,000			
2020 Vehicles	Vehicle Maintenance	Public Works	3100 1 Ton Dump Truck Replacement - Islands				70,000			
2020 Vehicles	Vehicle Maintenance	Fire Department	0279 Refurbish Engine 36 PFD Fire				450,000			
2020 Vehicles	Vehicle Maintenance	Recreation and Facilities	Replace Fairway Mower(s) PRF Golf			60,000	120,000			
2020 Vehicles	Vehicle Maintenance	Fire Department	0223 Command Car FD Fire				40,000			
2020 Vehicles	Vehicle Maintenance	Recreation and Facilities	2512 3/4 Ton Utility Truck Replacement - Playgrounds				60,000			
2020 Vehicles	Vehicle Maintenance	Recreation and Facilities	7155 16' Mower PRF Parks				125,000			

General Fund

2020 Vehicles	Vehicle Maintenance	Fire Department	0271 Replace Ladder 12 Peaks w/ Used Ladder		500,000						
2020 Vehicles	Vehicle Maintenance	Recreation and Facilities	2186 3/4 Ton Pickup - PRF Cems		40,000						
2020 Vehicles	Vehicle Maintenance	Recreation and Facilities	2194 15-Passanger Van Replacement - Recreation		65,000						
2020 Vehicles	Vehicle Maintenance	Recreation and Facilities	5001 Skidsteer Replacement - Trades		50,000						
2020 Vehicles	Vehicle Maintenance	Barron Center	3915 3/4 Ton Pickup Replacement - Barron Center		40,000						
2020 Vehicles	Vehicle Maintenance	Parking / Garages	2041 Parking Garage Truck		30,000						
2020 Vehicles	Vehicle Maintenance	Planning & Urban Developm	1079 Replace Explorer w/ Electric Car - Planning		1						
2020 Vehicles	Vehicle Maintenance	Public Works	5109 Grader Refurbish - Public Works		100,000						
2020 Vehicles	Vehicle Maintenance	Parking / Garages	2023 Parking Enforcement Truck Replacement - Parking		27,000						
2020 Vehicles	Vehicle Maintenance	Public Works	5003 Wheel Loader - Stock Yard - DPW		1						
2020 Vehicles	Vehicle Maintenance	Public Works	4018 - Rolloff DPW Peaks		170,000						
2020 Vehicle - New (Not Rep	Vehicle Maintenance	Social Services	Purchase Passenger Van - Oxford St Shelter		35,000						
2020 Vehicles	Vehicle Maintenance	Recreation and Facilities	3119 1 Ton Dump Truck Replacement - Cemeteries		65,000						
2020 Vehicles	Vehicle Maintenance	Recreation and Facilities	2016 Compact Pickup PRF Ballfields		25,000						
2020 Vehicle - New (Not Rep	Vehicle Maintenance	Recreation and Facilities	Add 3/4 Ton Pickup w/ V Plow PRF PAF		45,000						
2020 Vehicles	Vehicle Maintenance	Public Works	0034 - Replace Taurus - DPW Ops Mgr		20,000						
2020 Vehicle - New (Not Rep	Vehicle Maintenance	Recreation and Facilities	Add Skidsteer w/ Blower PRF PAF		55,000						
2020 Vehicle - New (Not Rep	Vehicle Maintenance	Public Works	Add Response Truck DPW Fleet Services		70,000						
2020 Vehicles	Vehicle Maintenance	Public Works	2001 3/4 Ton Pickup Replacement - Solid Waste		20,000						
2020 Vehicles	Vehicle Maintenance	Recreation and Facilities	Add Track XUV Utility Vehicle - PRF Golf		30,000						
2020 Vehicle - New (Not Rep	Vehicle Maintenance	Recreation and Facilities	Add Compact Pickup PRF Waterfront Manager		25,000						
2020 Vehicle - New (Not Rep	Vehicle Maintenance	Recreation and Facilities	Add Rec Bus w/ Wheel Chair Spots PRF Rec Seniors		65,000						
2020 Vehicles	Vehicle Maintenance	Public Works	5035 Heavy Wrecker - DPW Fleet		1						
2020 Vehicles	Vehicle Maintenance	Public Works	2007 Fleet Tire Truck Replacement DPW Fleet		1						
2020 Vehicles	Vehicle Maintenance	Recreation and Facilities	7168 Turf Sweeper PRFCems		40,000						
2020 Vehicles	Vehicle Maintenance	Public Works	Compact Wheeled Excavator - DPW Districting		125,000						
2020 Vehicles	Vehicle Maintenance	Recreation and Facilities	Add Electric Utility Vehicle - Parks / Cemeteries		20,000						
2020 Vehicles	Vehicle Maintenance	Public Works	2085 3/4 Ton Panel Van - DPW Fleet Parts		1						
2020 Equipment	Vehicle Maintenance	Public Works	Purchase Shelving and Cabinets for new Fleet Shop Canco DPW Fleet Services								
2020 Equipment	Vehicle Maintenance	Public Works	Replace Tire Repair Equipment DPW Fleet Services								
2020 Equipment	Vehicle Maintenance	Public Works	Paint Booth DPW Fleet Services								
2020 Equipment	Vehicle Maintenance	Public Works	Shop Air Compressor System - DPW Fleet Services								
2020 Equipment	Vehicle Maintenance	Public Works	Fleet Technology and Software DPW Fleet								
2020 Vehicles	Vehicle Maintenance	Public Works	Trash and Recycling Trucks		250,000	250,000	300,000	300,000			
2020 Vehicles	Vehicle Maintenance	Police Department	Police Cruisers (7)) Replacement - Police		266,000	266,000	266,000	266,000			
2020 Public Art					60,000						
2020 Land Bank					60,000						
FY20 Total CM Recommended (FY21-FY24 Total Requested)					19,000,000	39,702,448	26,239,293	27,153,000	11,217,000		
FY21-FY24 Estimated Total CIP size based on available funding						12,000,000	11,000,000	11,000,000	11500000		
			Less: Use of City Fund Balance		-1,000,000	-1,000,000	-1,000,000	-1,000,000	-1,000,000		
			Less: Use of School Fund Balance		-1,000,000	-500,000					
			Less: Use of TIF Funds			-1,000,000			-500,000		
Total - New Bonding					17,000,000	9,500,000	10,000,000	10,000,000	10,000,000		

Water Resources

FY20-FY24 City of Portland Maine Capital Improvement Plan					
City Manager Recommended Sewer and Stormwater Fund FY20 Projects & Costs					
See Attachment for Additional Backup Materials					
FY	Classification	Department	Division	ProjectTitle	2020
2020	Vehicles	Vehicle Maintenance	Sewer Fund	3202 Dump Truck Replacement -DPW	210,000
2020	Vehicles	Vehicle Maintenance	Sewer Fund	5015 Toolcat DPW Water Resources	70,000
2020	Vehicle - New (Not Rep	Vehicle Maintenance	Sewer Fund	Add 4x4 1/2 Ton Crew Cab DPW Water Res	30,000
2020	Wastewater	Water Resources	Sewer	CWSRF - Back Cove South Storage Facility	8,000,000
2020	Wastewater	Water Resources	Sewer	CWSRF - Mackworth Street and Ocean Avenue Sew	6,000,000
2020	Wastewater	Water Resources	Sewer	CWSRF - Preble & Somerset St Sewer Separation	4,800,000
2020	Wastewater	Water Resources	Sewer	CMOM - Pump Station Rehabilitation	2,000,000
2020	Wastewater	Water Resources	Sewer	CMOM - Sewer System Renewal	1,100,000
2020	Wastewater	Water Resources	Sewer	CSO - Close CSO #42	250,000
2020	Stormwater	Water Resources	Stormwater	Sagamore Village Green Infrastructure Project	600,000
2020	Wastewater	Water Resources	Sewer	PACTS USM Roundabout Sewer Separation	500,000
2020	Wastewater	Water Resources	Sewer	Monument Way & Square Sewer / Storm	100,000
2020	Wastewater	Water Resources	Sewer	Integrated Planning LTCP and Post Construction M	1,100,000
2020	Stormwater	Water Resources	Stormwater	Thames St Stormwater Outfall	950,000
2020	Wastewater	Water Resources	Sewer	Fore Street Sewer Separation	100,000
2020	Wastewater	Water Resources	Sewer	Pearl Street Sewer Replacement	200,000
2020	Stormwater	Water Resources	Stormwater	Riverton Drive Culvert Replacement	900,000
2020	Stormwater	Water Resources	Stormwater	Stormwater Infrastructure Improvements	750,000
2020	Wastewater	Water Resources	Sewer	Non SRF Sewer / Storm Consulting Services	500,000
FY20 Total					28,160,000

General Fund

FY20-FY24 City of Portland Maine Capital Improvement Plan					
City Manager Recommended FY20 Projects & Costs					
See Attachment for Additional Backup Materials					
FY	Classification	Department	Division	ProjectTitle	2020
HEALTH AND HUMAN SERVICES					
Total FY20 for Department				\$416,850	
2020	Facilities	Barron Center	Environmental Services	Generator Replacement-Phase II-Life Safety & Internal Wiring	170,000
2020	Facilities	Barron Center	Nutrition Services	BCI Basement Kitchen & Receiving Renovations	104,250
2020	Equipment	Barron Center	Nursing	Replace Patient Call System Phase III	142,600
FIRE DEPARTMENT					
Total FY20 for Department				\$460,000	
2020	Facilities	Fire Department	Building Maintenance	Fire Station Rehabilitation (Various Stations)	300,000
2020	Facilities	Fire Department	Building Maintenance	Bramhall - Sprinkler System Feed	160,000
INFORMATION TECHNOLOGY					
Total FY20 for Department				\$150,000	
2020	Information Technology	Information Technology		Virtualization, Storage and Redundancy Upgrade	
2020	Equipment	Information Technology		Upgrade Network switches	150,000
LIBRARY					
Total FY20 for Department				\$35,000	
2020	Facilities	Library		Lower Level Flooring / Carpeting	35,000
PARKING / GARAGES					
Total FY20 for Department				\$1,190,000	
2020	Facilities	Parking / Garages	Spring Street Garage	Spring St Garage Steel Beem repairs	290,000
2020	Facilities	Parking / Garages	Temple Street Garage	Temple St Garage Façade	700,000
2020	Equipment	Parking / Garages	Administration	Parking Meters Replacement	185,000
2020	Equipment	Parking / Garages	Administration	Multi space parking meters	15,000
PARKS AND RECREATION					
Total FY20 for Department				\$925,000	
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Riverton Playground Replacement	250,000
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Athletic Facilities	Riverton Softball Drainage and Erosion Issues	65,000
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Athletic Facilities	Dougherty Athletic Field	200,000
2020	Equipment	Parks, Rec & Public Assembly	Public Assembly	Walk Through Metal Detectors	55,000
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Parks	Park Walkways and Road Paving	100,000
2020	Facilities	Parks, Rec & Public Assembly	Golf Course	Reconstruction of Cart Path for ADA Access	50,000
2020	Parks, Fields, Trails	Parks, Rec & Public Assembly	Athletic Facilities	Eastern Prom, Lyman Moore and Riverton Tennis/Basketball Courts	50,000
2020	Vehicle - New (Not Rep)	Parks, Rec & Public Assembly	Recreation	Twelve Passenger Van with Handicapped Lift	65,000
2020	Facilities	Parks, Rec & Public Assembly	Ice Arena	Flooring, Sound System and Rear Entryway	90,000
PLANNING AND URBAN DEVELOPMENT					
Total FY20 for Department				\$170,000	
2020	Transportation	Planning & Urban Development	Transportation	West Commercial Street Pathway - Phases II and III	50,000
2020	Transportation	Planning & Urban Development	Transportation	Neighborhood Byway Network Implementation	120,000
POLICE DEPARTMENT					
Total FY20 for Department				\$250,000	
2020	Equipment	Police Department	Operations Support Svces	Records Management System	250,000
PUBLIC BUILDINGS & WATERFRONT					
Total FY20 for Department				\$2,025,000	
2020	Marine	Public Buildings & Waterfront	Waterfront	Waterfront Fender System (POT)	1,050,000
2020	Facilities	Public Buildings & Waterfront	Exposition Building	Expo Exterior Masonry North Wall	200,000
2020	Equipment	Public Buildings & Waterfront	City Hall	State of Maine Room & Customer Service Areas A/C Installation	200,000
2020	Marine	Public Buildings & Waterfront	Waterfront	Compass Park Ongoing pile/pier work	100,000
2020	Marine (i.e., piers)	Public Buildings & Waterfront	Waterfront	Bollard / Bit Replacement	100,000
2020	Facilities	Public Buildings & Waterfront	Other Public Buildings	Fort Allen Gazebo	25,000
2020	Equipment	Public Buildings & Waterfront	City Hall	Passenger Elevator Modernization	300,000
2020	Facilities	Public Buildings & Waterfront	Exposition Building	Roof Replacement Exposition Building	50,000
PUBLIC WORKS					
Total FY20 for Department				\$6,138,750	
2020	Facilities	Public Works	Solid Waste	Ocean Avenue Landfill	300,000
2020	Transportation	Public Works	Engineering	CSO Compliance - SRF Ineligibles	500,000
2020	Transportation	Public Works	Engineering	PACTS Collector Paving - Cumberland Avenue	249,000
2020	Transportation	Public Works	Engineering	PACTS Collector Paving - Danforth Street	103,000
2020	Transportation	Public Works	Engineering	India Street CPR and ADA Improvements	396,000
2020	Transportation	Public Works	Engineering	PACTS MPI Brighton Ave. (Holm to Westbrook)	180,750

General Fund

2020	Transportation	Public Works	Engineering	PACTS Washington Avenue Road & Signals	50,000
2020	Transportation	Public Works	Engineering	Congress Square Intersection Construction	150,000
2020	Transportation	Public Works	Engineering	Pavement Preservation Program	1,800,000
2020	Transportation	Public Works	Engineering	Traffic Signal Upgrades with Paving Programs	100,000
2020	Sidewalks	Public Works	Engineering	Sidewalk Rehabilitation/Accessibility	525,000
2020	Transportation	Public Works	Engineering	Traffic Signals Upgrade Program	400,000
2020	Transportation	Public Works	Engineering	PACTS RTMS - Traffic Signal Communications Systems	200,000
2020	Transportation	Public Works	Engineering	Street Rehabilitation Program	250,000
2020	Transportation	Public Works	Engineering	GDI to LDI Passageway	235,000
2020	Transportation	Public Works	Engineering	Washington Avenue Rehabilitation (Cumberland to E. Prom)	50,000
2020	Transportation	Public Works	Engineering	Rehabilitation of Cobblestone / Paver Streets	100,000
2020	Transportation	Public Works	Engineering	Monument Way & Square Rehabilitation	100,000
2020	Transportation	Public Works	Engineering	Arterial Street Ped Crossings	50,000
2020	Transportation	Public Works	Engineering	Separated Bike Lanes	100,000
2020	Transportation	Public Works	Engineering	Peaks Island Parking Lot	50,000
2020	Marine	Public Works	Engineering	Stoudwater Dam	50,000
2020	Transportation	Public Works	Engineering	Franklin Street Design Completion and Construction	200,000
SCHOOL DEPARTMENT					
Total FY20 for Department				\$3,500,400	
2020	Vehicles	School Department	PPS	Replace one van and two ADA buses	\$234,900
2020	Equipment	School Department	PPS	PATHS/CBHS Technology/Network Upgrade	\$200,000
2020	Facilities	School Department	PPS	DHS Kitchen remodel	\$200,000
2020	Facilities	School Department	PPS	Pave multiple campuses	\$250,000
2020	Facilities	School Department	PPS	Replace retaining wall and iron railings	\$325,500
2020	Facilities	School Department	PPS	PATHS/CBS Replace windows	\$430,000
2020	Facilities	School Department	PPS	PIES Interior renovations	\$250,000
2020	Facilities	School Department	PPS	DHS Replace Windows	\$405,000
2020	Facilities	School Department	PPS	PHS Replace Windows	\$75,000
2020	Facilities	School Department	PPS	DHS Replace Air Handling Units	\$355,000
2020	Facilities	School Department	PPS	Riverton Replace A/C	\$660,000
2020	Facilities	School Department	PPS	Door access controls - DHS, PHS, and PATHS	\$115,000
FLEET MAINTENANCE					
Total FY20 for Department				\$3,619,000	
2020	Vehicles	Vehicle Maintenance	Fire Department	0272 Squad 301 Heavy Rescue PFD Fire	68,000
2020	Vehicles	Vehicle Maintenance	Fire Department	0284 Engine 311 Replacment PFD Fire - Ocean Ave Station	750,000
2020	Vehicles	Vehicle Maintenance	Public Works	4057 - Rear Load Packer, Replace with Automated - DPW Solid W	325,000
2020	Vehicles	Vehicle Maintenance	Public Works	4052 - Rear Load Packer DPW Solid Waste	250,000
2020	Vehicles	Vehicle Maintenance	Public Works	2501 1 Ton Wrecker Replacement - Fleet	100,000
2020	Vehicles	Vehicle Maintenance	Recreation and Facilities	5097 Pulp Loader Replacement - Forestry	250,000
2020	Vehicles	Vehicle Maintenance	Police Department	Replace Patrol Vehicles PD Patrol (7 total including 2 hybrids)	280,000
2020	Vehicles	Vehicle Maintenance	Public Works	Plow Loader - DPW Winter	160,000
2020	Vehicles	Vehicle Maintenance	Public Works	3096 TA Dump Truck Wheeler Plow Replacement - Districting	215,000
2020	Vehicles	Vehicle Maintenance	Fire Department	0931 Rechassis Medcu Ambulance PFD Medcu	150,000
2020	Vehicles	Vehicle Maintenance	Public Works	8104 Sidewalk Tractor DPW PDD	150,000
2020	Vehicles	Vehicle Maintenance	Public Works	8107 Sidewalk Tractor DPW PDD	150,000
2020	Vehicles	Vehicle Maintenance	Recreation and Facilities	3121 1 Ton Dump Truck Replacement - Cemeteries	65,000
2020	Vehicles	Vehicle Maintenance	Fire Department	0224 Command Car FD Fire	40,000
2020	Vehicles	Vehicle Maintenance	Recreation and Facilities	2185 3/4 ton pickup - PRF Ballfields	40,000
2020	Vehicles	Vehicle Maintenance	Recreation and Facilities	3104 1 Ton PRF Ballfields	65,000
2020	Vehicles	Vehicle Maintenance	Recreation and Facilities	3103 1 Ton Dump Truck Replacement - Parks	65,000
2020	Vehicles	Vehicle Maintenance	Public Works	3105 1 Ton Dump Truck Replacement - Districting	70,000
2020	Vehicles	Vehicle Maintenance	Public Works	Add Sanders to 2 DPW F550s for Winter	15,000
2020	Vehicle - New (Not Rep	Vehicle Maintenance	Public Works	Add Steam Weed Removal Machine - DPW Districting	25,000
2020	Vehicles	Vehicle Maintenance	Recreation and Facilities	0247 1/2 Ton Pickup w/ Liftgate PRF PAF	35,000
2020	Vehicles	Vehicle Maintenance	Public Works	0041 - Replace Taurus w/ Used SUV - DPW	20,000
2020	Vehicles	Vehicle Maintenance	Public Works	Pickup Truck Funding	100,000
2020	Vehicles	Vehicle Maintenance	Recreation and Facilities	Purchase (2) Used Utility Vans - PRF Trades	36,000
2020	Vehicles	Vehicle Maintenance	Recreation and Facilities	Replace Crown Vic w/ Used SUV PRF Parks Manager	20,000
2020	Vehicles	Vehicle Maintenance	Police Department	0186 Animal Control Officer Van Replacement - Police	35,000
2020	Vehicles	Vehicle Maintenance	Police Department	0140 Rechassis Arrest Truck PD Patrol	40,000
2020	Vehicles	Vehicle Maintenance	Recreation and Facilities	Smithco Turf RakeReplacement - Cemeteries 1046	40,000
2020	Vehicles	Vehicle Maintenance	Recreation and Facilities	Replace Fairway Mower(s) PRF Golf	60,000
2020	Public Art				60,000
2020	Land Bank				60,000
Total FY20 for Department					19,000,000
	Less: 1M of City Fund Balance				-1,000,000
	Less: 1M of School Fund Balance				-1,000,000
FY20 Total - New Debt / General Obligation Bonding					17,000,000

Water Resources

FY20-FY24 City of Portland Maine Capital Improvement Plan					
City Manager Recommended Sewer and Stormwater Fund FY20 Projects & Costs					
See Attachment for Additional Backup Materials					
FY	Classification	Department	Division	ProjectTitle	2020
2020	Vehicles	Vehicle Maintenance	Sewer Fund	3202 Dump Truck Replacement -DPW	210,000
2020	Vehicles	Vehicle Maintenance	Sewer Fund	5015 Toolcat DPW Water Resources	70,000
2020	Vehicle - New (Not Rep	Vehicle Maintenance	Sewer Fund	Add 4x4 1/2 Ton Crew Cab DPW Water Res	30,000
2020	Wastewater	Water Resources	Sewer	CWSRF - Back Cove South Storage Facility	8,000,000
2020	Wastewater	Water Resources	Sewer	CWSRF - Mackworth Street and Ocean Avenue Sew	6,000,000
2020	Wastewater	Water Resources	Sewer	CWSRF - Preble & Somerset St Sewer Separation	4,800,000
2020	Wastewater	Water Resources	Sewer	CMOM - Pump Station Rehabilitation	2,000,000
2020	Wastewater	Water Resources	Sewer	CMOM - Sewer System Renewal	1,100,000
2020	Wastewater	Water Resources	Sewer	CSO - Close CSO #42	250,000
2020	Stormwater	Water Resources	Stormwater	Sagamore Village Green Infrastructure Project	600,000
2020	Wastewater	Water Resources	Sewer	PACTS USM Roundabout Sewer Separation	500,000
2020	Wastewater	Water Resources	Sewer	Monument Way & Square Sewer / Storm	100,000
2020	Wastewater	Water Resources	Sewer	Integrated Planning LTCP and Post Construction M	1,100,000
2020	Stormwater	Water Resources	Stormwater	Thames St Stormwater Outfall	950,000
2020	Wastewater	Water Resources	Sewer	Fore Street Sewer Separation	100,000
2020	Wastewater	Water Resources	Sewer	Pearl Street Sewer Replacement	200,000
2020	Stormwater	Water Resources	Stormwater	Riverton Drive Culvert Replacement	900,000
2020	Stormwater	Water Resources	Stormwater	Stormwater Infrastructure Improvements	750,000
2020	Wastewater	Water Resources	Sewer	Non SRF Sewer / Storm Consulting Services	500,000
FY20 Total					28,160,000

Project Title ID 194897 **Request Year** 2020
Generator Replacement-Phase II-Life Safety & Internal Wiring



Barron Center

Division Environmental Services

Classification Facilities

Project Description

350 kw Generator including addition of emergency outlets throughout both buildings was approved in CIP 2019-

Phase II is to re-wire circuits to separate/isolate Life Safety Equipment from the building load

Project Justification

The current generator has only a 180kW capacity. Our average kW demand is 200.

Phase II-This is a National Fire Protection Assoc. Life Safety code requirement

Note: An actual estimate will be hard to provide prior to the design of the project. Harriman's projection of total cost for the generator install & wiring is between \$500,000-\$600,00. The requested budget amount of \$170,000 is the difference between the \$600,000 high estimate and the FY19 approved amount of \$430,000.

5 Year Cost Summary

<u>Planning</u>	<u>Land</u>	<u>Construction</u>	<u>Equipment</u>	<u>Est Total Cost</u>
			\$600,000	\$600,000

Funding Request

<u>Year</u>	<u>Other Funding</u>	<u>Requested Funding</u>	<u>City Mgr Recommended</u>	<u>Funding Type</u>	<u>Approved</u>
2019		\$430,000			☒
2020		\$170,000	\$170,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$600,000	\$170,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 205674 Request Year 2020

BCI Basement Kitchen & Receiving Renovations

Barron Center

Division Nutrition Services

Classification Facilities

Project Description

Basement Hallway: Remove existing wall covering and replace with wall coverings to match nursing units.
Install "bumper type" vinyl 6"-8" baseboard (In Pro) approximately 200 linear ft to include receiving area.
Replace floor with VCT, approximately 2,000 sq/ft to include dry storage, paper storage, receiving, housekeeping hallway, and Food Services Director office areas.
Replace ceiling grid & tiles in same areas.
Replace receiving area exterior doors & operators.
Replace lighting fixtures w/LED fixtures (approximately 16)

Kitchen: Patch, repair, & paint walls.
Re-grout approximately 1,200 sq/ft quarry tile around dish machines.
Replace ceiling with product TBD
Replace existing light fixtures w/LED fixtures (approximately 30).
Secure existing hood at steamer location.

Employee Locker Room:
Replace Entry & Exterior doors.

Project Justification

Areas are in need of cosmetic upgrades and repairs to satisfy State Survey and Illumination Engineer Society (I.E.S.) standards.

Kitchen area-bacteria gets into floor and walls were tile/grout is crumbling posing a health hazard.

Receiving area-has rotting wood around entry area, which can allow rodents to enter thru the openings, causing a health hazard.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		\$104,250		\$104,250

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$104,250	\$104,250		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$104,250	\$104,250		

Other Funding Source Description

Project Title **ID** 173671 **Request Year** 2020

Replace Patient Call System Phase III

Barron Center

Division Nursing

Classification Equipment

Project Description

Replace Patient Call System.

Project Justification

Phase I & Phase II have been approved in FY18 & FY19 CIP. This funding is to complete the install to the remaining units.

Each patient is required to have a call bell. Our system is 34 years old. It is becoming increasingly difficult to find replacement parts.

The system collects data that will allow us to improve our Quality Assurance and Performance Improvement (QAPI). This is reviewed during our annual inspection by DHHS on the State Level. This is a life safety item and it is required for each resident to have a functioning call bell.

5 Year Cost Summary

<u>Planning</u>	<u>Land</u>	<u>Construction</u>	<u>Equipment</u>	<u>Est Total Cost</u>
			\$306,625	\$306,625

Funding Request

<u>Year</u>	<u>Other Funding</u>	<u>Requested Funding</u>	<u>City Mgr Recommended</u>	<u>Funding Type</u>	<u>Approved</u>
2018		\$116,000			☒
2019		\$48,000	\$48,000		☒
2020		\$142,625	\$142,600		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$306,625	\$190,600		

Other Funding Source Description

Operating Budget Impact

Project Title ID 205741 Request Year 2020
Fire Station Rehabilitation (Various Stations)

Fire Department

Division Building Maintenance
Classification Facilities

Project Description

This will cover rehabilitation across all City fire stations. The following projects have been identified as high priority, but others will also be included.
Central Fire - Lead/Abatement Removal Phase I
Fire Alarm/AES Panel Installations
Munjoy - Floor Slab Repair

Project Justification

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
				\$0

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$300,000	\$300,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$300,000	\$300,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 205723 Request Year 2020

Bramhall - Sprinkler System Feed

Fire Department

Division Building Maintenance

Classification Facilities

Project Description

Install 6" waterline from the street to prepare for a future sprinkler system.

* This work would provide the water supply between the street and building entrance only. This does not include a complete sprinkler system in the building.

Project Justification

Gas has already been installed (summer 2018) adding the waterline from the street will reduce major excavation and expense for a future renovation.

This could be bundled for public bid with Munjoy, Riverton and Ocean Ave for better pricing.

5 Year Cost Summary

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

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$160,000	\$160,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$160,000	\$160,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 195017 Request Year 2020

Upgrade Network switches

Information Technology

Division

Classification Equipment

Project Description

Bring the City's network capability up to today's network needs - Wireless, phones, IOT

Project Justification

With increasing demands on the City's network the aged switches (installed 2006) no longer allow for the 'Latest - Greatest' technology to be deployed in an efficient manner.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			\$300,000	\$300,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		\$150,000	\$150,000		☒
2020		\$150,000	\$150,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$300,000	\$300,000		

Other Funding Source Description

Operating Budget Impact

\$150,000.00 estimated

Project Title ID 205735 Request Year 2020

Recarpet Lower Level



Library

Division

Classification Facilities

Project Description

This proposal is to extend the 2-foot carpet squares to the 6,000 square feet of high-traffic public space in reference. The proposal includes removal and disposal of existing carpet.

Project Justification

The carpeting in the public areas in the Reference department on the lower level of the Main Library is original to the building and is approximately 40 years old. Approximately 30% of the lower level, an area of about 3,000 square feet, was redone in the 2010 renovation with 2-foot carpet squares. The original carpet was not replaced in the public areas. Over time it has become very slack and represents a tripping hazard, particularly in humid weather. It is also torn in a number of areas and held together with red duct tape.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			\$35,000	\$35,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$35,000	\$35,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$35,000	\$35,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 194947 Request Year 2020

Spring St Garage Steel Beem repairs

Parking / Garages

Division Spring Street Garage

Classification Facilities

Project Description

Per the condition appraisal, repairs are required to the steel beem conection bearing repairs

Project Justification

Active weld failures and separation of beem to bearing plate

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
\$15,515		\$274,485		\$290,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$290,000	\$290,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$290,000	\$290,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 194950 Request Year 2020

Tempe St Garage Façade

Parking / Garages

Division Temple Street Garage

Classification Facilities

Project Description

Design and replacement of existing concrete finns that are failing with a new façade

Project Justification

Existing façade is failing. The concrete finns are in danger of falling

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		\$1,200,000		\$1,200,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$1,200,000	\$700,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$1,200,000	\$700,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 141283 Request Year 2020

Parking Meters Replacement

Parking / Garages

Division Administration

Classification Equipment

Project Description

Begin converting existing single space meters with smart parking meters that accept credit and debit cards as well as coins, to replace the aging single space parking meters.

The Plan is 2 phases
This is Phase 1 385 meters -

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, instantly send us messages upon malfunction, and the ability to accept credit and debit cards. If meter rates should increase above current levels, it will be unrealistic to expect customers to have enough change in their pockets.
Revenues are expected to increase by 10% (which will be offset by added fees).

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			\$991,250	\$991,250

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2014		\$300,000	\$315,000		☒
2015		\$175,000	\$175,000		☒
2017		\$131,250	\$131,250		☒
2020		\$185,000	\$185,000		☒
2021		\$185,000			☐
2022		\$0			☐
2023		\$0			☐
2024		\$0			☐
Total		\$976,250	\$806,250		

Other Funding Source Description

Operating Budget Impact

It is expected that the revenue from each meter replaced will increase by an estimated 10%. However, the gain will be offset by added credit card processing fees and back office software cost, which may exceed the 10%.

Project Title ID 194946 Request Year 2020

Multi space parking meters

Parking / Garages

Division Administration

Classification Equipment

Project Description

2 new multi space parking meters

Project Justification

1 meter to replace existing single space meters on Myrtle the other one for new development at 383 Commercial St which is currently unrestricted

5 Year Cost Summary

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

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$15,000	\$15,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$15,000	\$15,000		

Other Funding Source Description

Operating Budget Impact

Increased parking revenues

Project Title

ID 184250 Request Year 2020

Riverton Playground Replacement

Parks, Rec & Public Assembly

Division

Parks

Classification

Parks, Fields, Trails

Project Description

Replace the playground at Riverton School to meet ADA standards for the current users.

Project Justification

Riverton School playground is 20+ years old, requires constant repair and lacks the required ADA accessibility and play elements for children in wheelchairs. Riverton School has a large "Life Skills" population and the current playground does not meet national playground or federal standards for ADA playground requirements.

Playground pricing often is based on available budget for the number of wanted elements and if they are standard or accessible. True ADA equipment is 2-4 times more expensive than traditional which includes rubberized playground surfacing.

5 Year Cost Summary

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

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$250,000	\$250,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$250,000	\$250,000		

Other Funding Source Description

Operating Budget Impact

N/A

Project Title ID 184144 Request Year 2020

Riverton Softball Drainage and Erosion Issues

Parks, Rec & Public Assembly

Division Athletic Facilities

Classification Parks, Fields, Trails

Project Description

The storm water from the parking lots of Riverton School all flow through a 24” pipe that ends 250’ short of the woods edge. This project will extend the storm water outlet pipe to the woods line which is where the water was intended to be deposited.

Project Justification

Currently the pipe ends 250 feet short and has created a plant choked wet area with a dangerous deep section at the base of the pipe. The water comes out of the pipe during heavy rains and streams across the softball field next to this location. It has created a very unsafe erosion issue around the fences, players bench and playing surface on the softball field.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		\$65,000		\$65,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$65,000	\$65,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$65,000	\$65,000		

Other Funding Source Description

Operating Budget Impact

N/A

Project Title ID 184210 Request Year 2020

Dougherty Athletic Field



Parks, Rec & Public Assembly

Division Athletic Facilities

Classification Parks, Fields, Trails

Project Description

Dougherty Field's NEW Soccer Field will be located on the old West School Site. This was selected during the City Council’s Athletic Field Task Force Committee and designed as a part of the Dougherty Field Master plan adopted by the Council.

Project Justification

As part of the Dougherty Field Master Plan, the old West School site was selected as a home for a future soccer field for Portland Middle Schools. Both King and Lincoln Middle Schools come to Dougherty field to play middle school sports because of the lack of field space by Lincoln. Portland has a great shortage of sports fields which makes this an extremely valuable site for this project.

5 Year Cost Summary

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

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$200,000	\$200,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$200,000	\$200,000		

Other Funding Source Description

Operating Budget Impact

N/A

Project Title ID 205653 Request Year 2020
Walk Through Metal Detectors

Parks, Rec & Public Assembly

Division Public Assembly
Classification Equipment

Project Description

The purchase of 12 walk through metal detectors to use at events.

Project Justification

It is becoming increasingly apparent that all public assembly facility venues will be using metal detectors in the near future, if they have not already done so. Many events, such as major league sporting events, are required to do so by their leagues governing body. We anticipate that the G-League will mandate that all facilities must use walk throughs in the very near future. Public Assembly proposes buying 12 metal detectors, four for the Expo and four for Merrill with two back-ups at each location. The back-ups would be used as needed or for any outside events. Having them dedicated to the facility will minimize wear and tear on the machines and allow them to be used for mutiple events on the same night.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			\$55,000	\$55,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$55,000	\$55,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$55,000	\$55,000		

Other Funding Source Description

Operating Budget Impact

With the implementation of walk through metal detectors, there would be a slight increase in staffing costs associated with events. This cost would be offset with an increase in the security fees charged for events.

Project Title ID 205682 **Request Year** 2020

Park Walkways and Road Paving



Parks, Rec & Public Assembly

Division Parks

Classification Parks, Fields, Trails

Project Description

Interior walkways/paths are important facilities in all City parks. It needs to be a priority to properly repair and maintain all walkways to ensure public safety of visitors and the aesthetic beauty of our parks. Longfellow Park and Eastern Promenade are two areas in need of walkway improvements.

Project Justification

Longfellow Park sidewalk improvements include the addition of asphalt pads next to 4 benches located along park interior paths. The pads would provide companion seating space for visitors accessing the park with a mobility device. Currently, the interior paths intersect at the center of the park. This intersection needs to be enlarged to ensure adequate space for a visitor using a mobility device to change direction and safely navigate around or past another park visitor.

Eastern promenade is Portland's largest developed park at 78 acres and is home to the annual 4th of July celebration. The interior paths are in disrepair and need replacement. Recommendations were made by Woodward and Curran in 2008 which included rehabilitation of the paths and the incorporation of connection paths to improve circulation patterns. The report called for much needed repairs 10 years ago. No sidewalk repairs have been made in this area of the park in over 30 years. Eastern Promenade is one of the crown jewels in the Portland Park System and our focus needs to be on revitalizing this park. There are currently several paths that have no direction or purpose and are unsafe to use. This will require repositioning and removal of several paths to improve navigation through the park.

5 Year Cost Summary

<u>Planning</u>	<u>Land</u>	<u>Construction</u>	<u>Equipment</u>	<u>Est Total Cost</u>
		\$100,000		\$100,000

Funding Request

<u>Year</u>	<u>Other Funding</u>	<u>Requested Funding</u>	<u>City Mgr Recommended</u>	<u>Funding Type</u>	<u>Approved</u>
2020		\$100,000	\$100,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$100,000	\$100,000		

Other Funding Source Description

Operating Budget Impact

N/A

Project Title ID 205656 Request Year 2020

Reconstruction of Cart Path for ADA Access



Parks, Rec & Public Assembly

Division Golf Course

Classification Facilities

Project Description

The cart path leading to the second level of the building needs to be reconstructed to meet ADA standards.

Project Justification

The current path leading to the second floor of the building does not meet ADA standards. The ramp needs to reengineered and replaced.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
\$10,000		\$40,000		\$50,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$50,000	\$50,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$50,000	\$50,000		

Other Funding Source Description

Operating Budget Impact

N/A

Project Title ID 184228 Request Year 2020

Eastern Prom, Lyman Moore and Riverton Tennis/Basketball
Courts Sealing/Painting

Parks, Rec & Public Assembly

Division Athletic Facilities

Classification Parks, Fields, Trails

Project Description

Complete resealing and repainting of 3 separate tennis and basketball courts.

Project Justification

Courts are all over 20 years old and failing because of poor surface sealing. Cracks have developed and annual freeze/thaw has widened the cracks. Courts have become very worn down and slippery. Sealing and repainting will add another 15 years of life to the asphalt courts.

5 Year Cost Summary

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

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$50,000	\$50,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$50,000	\$50,000		

Other Funding Source Description

Operating Budget Impact

N/A

Project Title ID 205654 Request Year 2020

Twelve Passenger Van with Handicapped Lift

Parks, Rec & Public Assembly

Division Recreation

Classification Vehicle - New (Not Replacement)

Project Description

Purchase of a new 2018 Ford Starcraft Allstar 12 passenger plus 2 wheelchair bus.

Project Justification

Currently the department does not have a wheelchair bus which precludes us from transporting participants needing such an accommodation as required by ADA. In addition, the department has a fleet of three aging 15 passenger cans which require replacement on a rotating basis.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			\$65,000	\$65,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$65,000	\$65,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$65,000	\$65,000		

Other Funding Source Description

Operating Budget Impact

N/A

Project Title ID 205655 **Request Year** 2020

Flooring, Sound System and Rear Entryway



Parks, Rec & Public Assembly

Division Ice Arena

Classification Facilities

Project Description

The removal of all old matting and the installation of 7,700+ square feet of new rubber matting around the entire ice level where it currently exists. Replacement of current sound system and retainage wall at rear ramp.

Project Justification

The current matting is at the end of its life where it is breaking down in all the heavy trafficked areas as well as being very difficult to clean with a floor scrubber. As the rubber breaks down it becomes porous and traps a lot of dirt, debris and odors as well as trips the floor scrubbing machine as it is no longer a smooth surface.

The sound system at the Ice Arena is very antiquated and aging quickly. Our system itself is constantly tripping and needing fixing with wiring and AMP replacement. The speakers are almost all shot from playing over the years and from the moisture/humidity that can occur in here along with any renovations that have occurred and left debris in/on them. With the advancement of technology of phones and playing music, we are in need of a system that can handle those requests and sound good in the process. During large events, our speakers are incapable of broadcasting a clear and vivid sound and some do not play any sound anymore due to their condition. We play music daily for Public Skating, Freestyle Skating and all hockey games. A replacement system will greatly improve the experience and customer satisfaction of renting the facility leading to more rentals and potential for events.

The rear entry of the building via the overhead door is extremely tricky to navigate and hazardous on numerous occasions. There is a rip-rap slope from the elevated sidewalk that is slowly deteriorating. The paved portion drains all water and debris down into a sandy basin at the bottom where it all enters a storm drain. There is a 90 degree entrance at the top and a 90 degree entrance into the building at the bottom, making it very hard to get construction and emergency vehicles in and out. We regularly use a forklift and it almost always gets stuck at the bottom trying to get out of the mud pit and onto the pavement. We use another vehicle to tow it out. With winter operations, there are few who are willing to use a machine to clear the emergency exit slope in fear of getting stuck at the bottom. The consistent amount of dirt from the hill and drive is always entering the building and on to the ice, which adds a tint of dirt to the color over the years. What we need is a regrading and angling of the slope so that entrance and exit is much easier. There will also need to be a retaining wall built to keep the sidewalk from eventually falling in and also allow for more space to navigate vehicles. The storm water drain will benefit drastically from these improvements so that no more debris enters it.

5 Year Cost Summary

<u>Planning</u>	<u>Land</u>	<u>Construction</u>	<u>Equipment</u>	<u>Est Total Cost</u>
		\$90,000		\$90,000

Funding Request

<u>Year</u>	<u>Other Funding</u>	<u>Requested Funding</u>	<u>City Mgr Recommended</u>	<u>Funding Type</u>	<u>Approved</u>
2020		\$90,000	\$90,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$90,000	\$90,000		

Other Funding Source Description

Operating Budget Impact

Additional labor costs to clean as well as labor to temporarily fix any worn thru areas from skate traffic will be reduced.

Project Title ID 194957 Request Year 2020

West Commercial Street Pathway - Phases II and III

Planning & Urban Development

Division Transportation

Classification Transportation

Project Description

The West Commercial Street Pathway fills a critical gap in the bikeway and pedestrian way network to increase safety and accessibility to and from the Portland peninsula from adjoining communities and Portland neighborhoods. Phases II extends from the current terminus of the Fore River Parkway Trail at Benny's Clam Shack to the Star Match Building. Phase III extends near Beach Street to High Street.

Project Justification

Growing freight and motor vehicle traffic on West Commercial Street dictatates a separated pathway for bicyclists and pedestrians to safely access the peninsula.

Ph II is partially funded by the MaineDOT for \$353,000 in state/federal (\$283,000) and local match (\$70,000) but that amount is not going to fully fund construction of Phase II. The request in 2019 would complete the balance of the Phase II construction. It is possible that these Phase II funds could be supplemented or partially replaced using development mitigation funds from projects on West Commercial Street depending on the timing.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
\$100,000	\$5,000	\$600,000		\$705,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020	\$150,000	\$50,000	\$50,000		☒
2021	\$400,000	\$105,000			☐
2022					☐
2023					☐
2024					☐
Total	\$550,000	\$155,000	\$50,000		

Other Funding Source Description

A \$150,000 developer IN account contribution has been secured for construction of Phases II and III.

Operating Budget Impact

Project Title ID 194956 Request Year 2020
Neighborhood Byway Network Implementation

Planning & Urban Development

Division Transportation

Classification Transportation

Project Description

Multi-year implementation of a 30-mile network of Neighborhood Byways to connect neighborhood centers, schools, parks, trails/pathways and transportation centers. Years 1-5 are to designed and construct approximately 3-5 miles per year. The first 5.5 miles were implemented in 2012 with another 2 miles to be constructed in 2019.

Project Justification

Neighborhood Byways are cost-effective means to create a network of local streets prioritized for safer walking and bicycling to connect all parts of the city. The Byway focus investments in pedestrian and bikeway crossings of arterial streets rather than diliuting them based on individual citizen requests. An FY19 request funded the Riverton Byway connecting Riverton School/neighborhood with the Deering Center Byway, to be implemented in 2018/2019.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
\$50,000		\$530,000		\$580,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		\$100,000	\$100,000		☒
2020		\$120,000	\$120,000		☒
2021		\$120,000			☐
2022		\$120,000			☐
2023		\$120,000			☐
2024		\$0			☐
Total		\$580,000	\$220,000		

Other Funding Source Description

Operating Budget Impact

Additional costs for maintenance/replacement of signs and pavement markings.

Project Title ID 194934 Request Year 2020

Records Management System

Police Department

Division Operations Support Svces

Classification Equipment

Project Description

Replace exisiting records/field reporting system (equipment & software)

Project Justification

Overall more efficient reporting process for department, in conjunction with Crime Analysis reporting.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			\$1,500,000	\$1,500,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		\$1,500,000	\$600,000		☒
2020		\$900,000	\$250,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$2,400,000	\$850,000		

Other Funding Source Description

Operating Budget Impact

\$0. CIP Only (May require opertinging budget commitments in future years: service contract/agreements/software upgrades)

Project Title ID 184121 Request Year 2020

Waterfront Fender System (POT)

Public Buildings & Waterfront

Division Waterfront

Classification Marine

Project Description

Construct fender system to accommodate current use. Phase 1 was funded in CIP 2018. 417' will begin November 1st. 447' remains to be completed.

Project Justification

Engineers recommendation based on the current cruise ship activity.

The current P.O.T fender system was designed for vessels up to 60 ton. We currently berth vessels up to 110 ton at this facility.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		\$2,150,000		\$2,150,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2018		\$1,000,000			☒
2020		\$1,150,000	\$1,050,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$2,150,000	\$1,050,000		

Other Funding Source Description

Operating Budget Impact

The piers are currently scheduled to berth vessels through 2022. Without adeaquate piers, waterfront revenues will be reduced 30-40%.

Project Title ID 141330 Request Year 2020
Expo Exterior Masonry North Wall



Public Buildings & Waterfront

Division Exposition Building
Classification Facilities

Project Description
Grind out old mortar and replace with new. Install new brick as needed.

Waterproof and touch up South//East/West walls.

Project Justification
The rear section of the building is in desperate need of motar work. 1"-2" cracks or greater are visible on the lower half, larger cracks and missing brick are visiable above 40'.

This is the last wall to be repaired, it then goes into a maintenance status. I'm confident with maintenance to the brick every 10-15 yrs, this facility will stand another 100 yrs..

5 Year Cost Summary

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

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$200,000	\$200,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$200,000	\$200,000		

Other Funding Source Description

Operating Budget Impact

Major masonry work has been done on this building since the transfer from the school dept to the city. It is very close to being complete. This work is 15 yrs over due.

Cost estimating was calculated using the estimating tool RS Means.

Project Title **ID** 152255 **Request Year** 2020
State of Maine Room & Customer Service Areas A/C Installation

Public Buildings & Waterfront

Division City Hall

Classification Equipment

Project Description

4th fl- install mini splits for cooling only.
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

<u>Planning</u>	<u>Land</u>	<u>Construction</u>	<u>Equipment</u>	<u>Est Total Cost</u>
		\$450,000		\$450,000

Funding Request

<u>Year</u>	<u>Other Funding</u>	<u>Requested Funding</u>	<u>City Mgr Recommended</u>	<u>Funding Type</u>	<u>Approved</u>
2020		\$150,000	\$200,000		☒
2021		\$150,000			☐
2022		\$150,000			☐
2023					☐
2024					☐
Total		\$450,000	\$200,000		

Other Funding Source Description

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..

Project Title ID 173582 Request Year 2020

Compass Park Ongoing pile/pier work

Public Buildings & Waterfront

Division Waterfront

Classification Marine

Project Description

Repair concrete/wood decks as needed.

Project Justification

The concrete decks are showing signs of decay. Rebar is beginning to be exposed. Trip and fall hazards are present. If were going to continue concerts on the pier the next phase of work will have to be done. There should also be an assessment done on the under side to confirm the structure now that 2 yrs of heavy use are behind us.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		\$300,000		\$300,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2018		\$100,000			☒
2020		\$100,000	\$100,000		☒
2021		\$100,000			☐
2022					☐
2023					☐
2024					☐
Total		\$300,000	\$100,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 152257 **Request Year** 2020

Bollard/ Bit Replacement

Public Buildings & Waterfront

Division Waterfront

Classification Marine (i.e., piers)

Project Description

Maine State Pier/ OG 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

<u>Planning</u>	<u>Land</u>	<u>Construction</u>	<u>Equipment</u>	<u>Est Total Cost</u>
		\$300,000		\$300,000

Funding Request

<u>Year</u>	<u>Other Funding</u>	<u>Requested Funding</u>	<u>City Mgr Recommended</u>	<u>Funding Type</u>	<u>Approved</u>
2021					☐
2022		\$100,000			☐
2023					☐
2024		\$100,000			☐
2020		\$100,000	\$100,000		☒
Total		\$300,000	\$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 194928 Request Year 2020

Fort Allen Gazebo

Public Buildings & Waterfront

Division Other Public Buildings

Classification Facilities

Project Description

Repaint structure

Project Justification

The north and east side of this facility gets battered from the weather. 5 years ago it was restored by the friends of Munjoy Hill. It would be best that we stay on top of the paint finishes to prevent major construction in the out years.

5 Year Cost Summary

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

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$25,000	\$25,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$25,000	\$25,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 194987 Request Year 2020

Passenger Elevator Modernization

Public Buildings & Waterfront

Division City Hall

Classification Equipment

Project Description

Update 70 year old technology in this elevator

Project Justification

Parts for this elevator are becoming obsolete. Technicians to work on the vintage equipment are few and far between. Having the frieght elevator being modernized first, will now allow the passenger elevator to be updated.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			\$300,000	\$300,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$300,000	\$300,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$300,000	\$300,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 141336 Request Year 2020
Roof Replacement Exposition Building



Public Buildings & Waterfront

Division Exposition Building
Classification Facilities

Project Description

Structural Engineering Services/ Roofing Consultant
Replace 28,000 sq ft of EPDM (rubber) and roof insulation

Project Justification

The roof is beyond it's life expectancy of 25-30 yrs. This roof is close to 40 yrs old.
Maintenance cost since 2013 is approx 50K
The roof was installed in 1980 and requires repairs each year. This location is home to the Red Claws and many other events.
When roof leaks appear during an event/game it becomes problematic as there are athletes on the floor.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
\$50,000		\$490,000		\$540,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$50,000	\$50,000		☒
2021		\$490,000			☐
2022					☐
2023					☐
2024					☐
Total		\$540,000	\$50,000		

Other Funding Source Description

Operating Budget Impact

Combined with additional roof insulation and energy management controls measurable savings will be had.
Replacement costs have been calculated using the estimaing tool RS Means.

Project Title

ID 205716 Request Year 2020

Ocean Avenue Landfill

Public Works

Division

Solid Waste

Classification

Facilities

Project Description

Improvements to City Landfill and old private Landfillon City Property, stormwater improvements including ditch work and culvert replacements;adding non-pervious materials to the landfill cap in areas with less than 24" of cover.

Project Justification

Need to bring Landfill into compliance with Maine Department of Environmental Protection Requirements by the end of 2019.

5 Year Cost Summary

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

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$600,000	\$300,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$600,000	\$300,000		

Other Funding Source Description

Operating Budget Impact

CSO Compliance - SRF Ineligibles

Public Works

Division Engineering

Classification Transportation

Project Description

To fund portions of the City's 2019 Combined Sewer Overflow (CSO) projects that are not State Revolving Loan Funds (SRF) eligible. Example CY2020 projects include: Preble Street (\$230,000 for full street restoration), Bedford Street, Mackworth-Ocean-Walnton (\$532,000 SRF Ineligibles) and Brighton Ave where sidewalks, curbing, and road rehabilitation (including full width paving) are typically necessary.

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.
Mackworth/Walton/Hersey Reconstruction and sidewalk.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
\$300,000		\$7,400,000		\$7,700,000

Funding Request

Year	Other Funding	<u>Requested Funding</u>	<u>City Mgr Recommended</u>	Funding Type	Approved
2024					☐
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		\$1,000,000			☐
2022		\$1,000,000			☐
2023		\$1,000,000			☐
2024		\$1,000,000			☐
Total		\$10,300,000	\$3,400,000		

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 184327 Request Year 2020

PACTS Collector Paving - Cumberland Avenue

Public Works

Division Engineering

Classification Transportation

Project Description

The 75% leveraged project area is Cumberland Avenue between State Street and Preble Street. The project would entail milling to remove the existing pavement surface and constructing a new surface pavement layer. City's 25% Local Match is estimated at \$125,000.

Project Justification

This project is needed to improve and maintain the street pavement condition and is highly leveraged. Paving activity triggers adjustment and/or repair of sewer & stormwater structures. These are ineligible costs and are entirely borne by the City. Water Resources companion request for 5% of project value above & beyond our Local Match. An additional \$20,000 is requested to cover all staff and consultant support.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
\$30,000		\$594,000		\$624,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020	\$375,000	\$249,000	\$249,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total	\$375,000	\$249,000	\$249,000		

Other Funding Source Description

PACTS award of 75% paving project cost. Water Resources costs of 5% total project cost requested separately. The requested funding includes a 20% increase in funding to cover increased construction costs, in addition to the estimate, as consistent with current bid prices.

Operating Budget Impact

This project should reduce the need for City resources to make emergency street repairs over the next 10 years or more.

Project Title ID 184328 Request Year 2020

PACTS Collector Paving - Danforth Street

Public Works

Division Engineering

Classification Transportation

Project Description

The project area is Danforth Street between High Street and Vaughn Street. City's 25% Local Match is estimated at \$57,000.

Project Justification

The 75% PACTS leveraged project is needed to improve and maintain the pavement condition on Danforth Street.Paving activity triggers adjustment and/or repair of sewer & stormwater structures. These are ineligible costs and are entirely borne by the City. Water Resources companion request for 5% of project value above & beyond our Local Match.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
\$14,000		\$260,000		\$274,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020	\$171,000	\$103,000	\$103,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total	\$171,000	\$103,000	\$103,000		

Other Funding Source Description

Federal and State funds, distributed through Maine DOT, would pay 75% of the paving cost. Sewer Fund costs of 5% total project cost requested separately. The requested funding includes a 20% increase in funding to cover increased construction costs, in addition to the estimate, as consistent with current bid prices.

Operating Budget Impact

This project should reduce the need for City resources to make emergency street repairs during the next 10 years or more.

Project Title ID 205704 **Request Year** 2020
 India Street CPR and ADA Improvements



Public Works

Division Engineering
Classification Transportation

Project Description

The CPR program for Urban projects funds \$200,000 per mile (3/4" overlay and 1/2" shim for the travel lanes). The project length to pave India Street from Commercial to Congress is 0.29 miles resulting in a CPR program contribution of \$58,000. Due to the street condition and use, we recommend a treatment that includes milling and an 1-1/4" overlay. The estimated cost for the mill and fill is \$304,000 and includes \$40,000 in ADA improvements. The requested funding is to complete the recommended treatment, \$246,000, and additional ADA is approx \$150,000, for a total request of \$396,000.

Project Justification

India Street and the surrounding neighborhood have and continue to see incredible development, including upgrades to subsurface utilities along India Street in 2017 and 2018. With these types of improvements comes an increase in traffic: by car, by truck, by bike and on foot; by residents and visitors alike.

The MaineDOT will be paving India Street in 2019 and in advance of that, there are a variety of intersection improvements that must be made for ADA compliance. We anticipate that DOT will incur a portion of these costs as they're directly related to the paving. These include ramp and minor sidewalk improvements at the intersections of India Street and Congress Street, Federal Street and Commercial Street. This CIP request is for complimentary funds to allow the City to complete ramp, minor curblane adjustments and related sidewalk improvements at the intersections of India Street and Newbury Street, Middle Street and Fore Street. The estimated construction cost breakdown is as follows:

India Street at Newbury Street -
 India Street at Middle Street -
 India Street at Fore Street -

There are no ramps across India Street at Middle Street; an intersection that saw 660 pedestrians during a summer peak hour.

5 Year Cost Summary

<u>Planning</u>	<u>Land</u>	<u>Construction</u>	<u>Equipment</u>	<u>Est Total Cost</u>
\$30,000		\$424,000		\$454,000

Funding Request

<u>Year</u>	<u>Other Funding</u>	<u>Requested Funding</u>	<u>City Mgr Recommended</u>	<u>Funding Type</u>	<u>Approved</u>
2020	\$58,000	\$396,000	\$396,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total	\$58,000	\$396,000	\$396,000		

Other Funding Source Description

CPR program funds \$58,000 for improvements to India Street

Operating Budget Impact

Project Title ID 205708 Request Year 2020
PACTS MPI Brighton Ave. (Holm to Westbrook)

Public Works

Division Engineering
Classification Transportation

Project Description

Pavement rehabilitation, paving, removal of accessibility barriers, ADA ramps, sidewalk, and bicycle infrastructure improvements on Brighton Ave. beginning at Holm Avenue and extending westerly 0.30 of a mile to the Westbrook town line.

Project Justification

Provisions of local match will allow for added funding to provide for projects that the City would likely be unable to undertake on its own.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
\$20,000		\$269,200		\$289,200

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020	\$108,450	\$180,750	\$180,750		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total	\$108,450	\$180,750	\$180,750		

Other Funding Source Description

PACTS maximum share of \$108,450 that is 45% of eligible project costs. The requested funding includes a 20% increase in funding to cover increased construction costs, in addition to the estimate, as consistent with current bid prices.

Operating Budget Impact

Improvements to City infrastructure reduces annual maintenance costs/issues.

Project Title ID 184332 **Request Year** 2020

PACTS Washington Avenue Road & Signals

Public Works

Division Engineering

Classification Transportation

Project Description

The PACTS Executive Committee Approved the list of TIP candidates to be funded in June of 2016 for 2019 construction. On this list was the reconstruction of Washington Avenue from Cumberland Avenue to Congress Street, which includes new roadway, sidewalks, and traffic signals/lighting. Our Local Match is 25% (est. = \$380,900) and split into Preliminary Engineering in FY19, final design in FY20, and construction in FY21.

Separately requested Sewer Funds will supply City Utility ineligible costs; est. = \$153,000

The majority of the funding request is set for FY21, as the project will begin in CY 2020 at the earliest, and current MaineDOT discussion is that it may happen later than that.

Project Justification

Washington Avenue on the Portland Peninsula has a poor pavement condition, and has been identified as a reconstruction candidate. In addition, the sidewalks are relatively narrow, and ramps do not meet current ADA and City design standards. Furthermore, the signal equipment is aging, and at Congress and Washington, MaineDOT has identified critical issues with the condition of the equipment, including the structures.

This portion of Washington Avenue is also in an area experiencing economic growth and new development, and these improvements would help to further accomplish that end.

5 Year Cost Summary

<u>Planning</u>	<u>Land</u>	<u>Construction</u>	<u>Equipment</u>	<u>Est Total Cost</u>
\$350,000		\$1,555,500		\$1,905,500

Funding Request

<u>Year</u>	<u>Other Funding</u>	<u>Requested Funding</u>	<u>City Mgr Recommended</u>	<u>Funding Type</u>	<u>Approved</u>
2019		\$150,000	\$150,000		☒
2020	\$150,000	\$50,000	\$50,000		☒
2021	\$1,165,000	\$390,500			☐
2022					☐
2023					☐
2024					☐
Total	\$1,315,000	\$590,500	\$200,000		

Other Funding Source Description

PACTS award of \$1,021,240 is originally estimated 75% of total project cost. Local Match is \$340,414; requesting additional \$50,000 for overruns, contract modifications, and staff charges. In early to mid-2018, the PDR will supply updated engineered estimates. FY21 Water Resources request for ineligible City Utility costs estimated at \$154,000.

Operating Budget Impact

This project will significantly improve a portion of Washington Avenue, with 75% leveraged funds. This should reduce near to medium-term maintenance needs.

Congress Square Intersection Construction



Public Works

Division Engineering

Classification Transportation

Project Description

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 is moving quickly toward a preliminary engineering design, and will likely have final design completed by the end of CY 2018. 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.

The City anticipates that construction funding would be shared with MaineDOT.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
\$150,000		\$2,000,000		\$2,150,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$150,000	\$150,000		☒
2021	\$1,000,000	\$1,000,000			☐
2022					☐
2023					☐
2024					☐
Total	\$1,000,000	\$1,150,000	\$150,000		

Other Funding Source Description

Other funding would come from MaineDOT. Funding based on a \$2M initial estimate from WRT/STI plus another \$150,000 for construction engineering/inspection support and DPW staff support.

Please note that Planning Department support costs are a separate CIP request.

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 141013 **Request Year** 2020

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 throughout the city. Scope of work also includes improvements to storm and sanitary structures, installation/improvement to handicap access, and other existing infrastructure. A reinventory of pavement conditions city-wide was completed in late fall of 2014 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 maintain/upgrade ADA compliance, 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 2014 streets inventory concluded that 22% of the City's roadways are in poor to failed condition compared to nearly 31% in 2011. This improvement was in large part due to increased funding for paving through CSO projects and an unusually high number of state aid road resurfacings. 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

<u>Planning</u>	<u>Land</u>	<u>Construction</u>	<u>Equipment</u>	<u>Est Total Cost</u>
\$500,000		\$19,500,000		\$20,000,000

Funding Request

<u>Year</u>	<u>Other Funding</u>	<u>Requested Funding</u>	<u>City Mgr Recommended</u>	<u>Funding Type</u>	<u>Approved</u>
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	\$1,800,000		☒
2021		\$4,000,000			☐
2022		\$4,000,000			☐
2023		\$4,000,000			☐
2024		\$4,000,000			☐
Total		\$47,600,000	\$16,100,000		

Other Funding Source Description

NOTE - 5% of \$4M annual Program 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 173596 **Request Year** 2020

Traffic Signal Upgrades with Paving Programs

Public Works

Division Engineering

Classification Transportation

Project Description

10/4/18: Signal Work at India and Congress. Assumes full replacement with ADA/sidewalk updates and fiber connection to Congress/Washington. \$300,000.

10/17/17 FY19: Signal Work along Washington Ave./Auburn St. At 8 Locations: \$800,000 in conjunction with 2 paving projects. (supplements additional existing funding from FY15-F18 CIP requests)

Project Justification

This request will be to update a very old traffic signal at India and Congress. India is to be paved by MaineDOT in late 2019.

The City and MaineDOT's paving programs expects to continue a robust period of street repair in coming funding cycles, using CIP requests, as well as anticipated locally-funded projects, and City-Administered paving projects (through the MaineDOT and PACTS MPI programs). However, in the past these type of corridor paving projects have often been saddled with various non-paving costs, like traffic signal features such as video detection, pavement loops, and pedestrian buttons (ADA requirement).

Beginning in FY17, the City sought to keep separate various types of funding for each "type" of corridor improvement. In this case, \$800,000 in FY 19 is being requested for traffic signal updates and improvements for a number of intersections along Auburn St./Washington Ave as significant paving is being completed along this corridors by two different paving projects (a City-lead MPI paving project of Washington Avenue and a DOT managed collector paving project of Allen Avenue that will include a portion of Washington Ave. up to Auburn Street by Northgate Plaza.)

This request separates the signal funds and finishes both components of the Washington Ave/ Auburn St. corridor project.

5 Year Cost Summary

<u>Planning</u>	<u>Land</u>	<u>Construction</u>	<u>Equipment</u>	<u>Est Total Cost</u>
\$160,000			\$1,500,000	\$1,660,000

Funding Request

<u>Year</u>	<u>Other Funding</u>	<u>Requested Funding</u>	<u>City Mgr Recommended</u>	<u>Funding Type</u>	<u>Approved</u>
2024					☐
2017		\$185,000	\$150,000		☒
2018		\$210,000	\$210,000		☒
2019		\$800,000	\$500,000		☒
2020		\$300,000	\$100,000		☒
2021		\$150,000			☐
2022		\$150,000			☐
2023		\$200,000			☐
Total		\$1,995,000	\$960,000		

Other Funding Source Description

India at Congress Funding all CIP - prior to India Street paving.

Operating Budget Impact

This work will reduce overtime calls to these deficient locations, reducing overtime costs, and also keep operating budget requests for basic signal items from being saddled with much larger needs at this location.

Project Title ID 141030 **Request Year** 2020

Sidewalk Rehabilitation/Accessibility

Public Works

Division Engineering

Classification Sidewalks

Project Description

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

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.

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

<u>Planning</u>	<u>Land</u>	<u>Construction</u>	<u>Equipment</u>	<u>Est Total Cost</u>
\$500,000		\$4,500,000		\$5,000,000

Funding Request

<u>Year</u>	<u>Other Funding</u>	<u>Requested Funding</u>	<u>City Mgr Recommended</u>	<u>Funding Type</u>	<u>Approved</u>
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	\$525,000	☒
2021	\$1,000,000		☐
2022	\$1,000,000		☐
2023	\$1,000,000		☐
2024	\$1,000,000		☐
Total	\$9,900,000	\$4,925,000	

Other Funding Source Description

Operating Budget Impact

New sidewalk segments may be added to winter sidewalk plow routes and increase operating costs. Rehabilitation of sidewalks in poor condition will reduce operating costs related to sidewalk repairs, and may reduce liability claims.

Project Title ID 141023 **Request Year** 2020

Traffic Signals Upgrade Program

Public Works

Division Engineering

Classification Transportation

Project Description

The FY 2020 Request will be for the following:

Pearl at Cumberland: \$250,000

Fox at Walnut/Washington: \$275,000

\$675,000 in FY 2018 funding. Four signals likely to be replaced with FY18 and other CIP funding along State Street and Forest Avenue by High Street by Spring/Summer 2018.

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. However, this method has long fallen out of favor, having been replaced with the Naztec Streetwise ATMS controller technology platform that allows for remote monitoring of traffic flow and signal operation. 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

<u>Planning</u>	<u>Land</u>	<u>Construction</u>	<u>Equipment</u>	<u>Est Total Cost</u>
\$300,000		\$4,515,000		\$4,815,000

Funding Request

<u>Year</u>	<u>Other Funding</u>	<u>Requested Funding</u>	<u>City Mgr Recommended</u>	<u>Funding Type</u>	<u>Approved</u>
2024		\$600,000			☐
2014		\$168,500	\$165,000		☒
2015	\$195,000	\$230,000	\$230,000		☒

2017		\$200,000	\$200,000	☒
2018		\$900,000	\$600,000	☒
2019		\$675,000	\$500,000	☒
2020		\$525,000	\$400,000	☒
2021		\$600,000		☐
2022		\$600,000		☐
2023		\$600,000		☐

Total	\$195,000	\$5,098,500	\$2,095,000
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Other Funding Source Description

Cumberland/Pearl and Fox/Walnut/Washington: all CIP

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 141740 **Request Year** 2020

PACTS RTMS - Traffic Signal Communications Systems

Public Works

Division Engineering

Classification Transportation

Project Description

RTMS = Regional Transportation Management Systems

Update Copper Interconnect on Forest from Congress to Warren to Single-Mode Fiber: \$180,000

RTMS Match to PACTS: \$20,000

Local support to augment PACTS UPWP funding for regional transportation system upgrades. Includes money for new equipment and especially improved communications. Anticipate requiring approximately \$200,000 to \$300,000 per year, which includes PACTS funding. In FY18 the City began on a project solely dedicated to updates on Auburn Street and Washington Avenue, solely funded with local money. This request would aid in supplying capital for the communications portion of the work.

The FY16 funding request is for component and communications upgrades for the intersections of Congress/India, Congress/Washington, and Washington/Cumberland. The equipment is generally out of date, and in some cases, begun to malfunction. The total request is for \$271,770 in equipment upgrades, plus the PACTS match of \$5,500, for \$277,270. The existing FY15 funds will be allotted between the local match for the Congress Street work (\$82,500), with the remainder going to Washington Avenue and Auburn Street improvements.

Project Justification

The City of Portland has partnered with Portland Area Comprehensive Transportation Study (PACTS), as well as the Cities of Westbrook, South Portland, Biddford, Saco and the Town of Scarborough to oversee the deployment of transportation management systems for the more efficient flow of traffic and improved detection for all modes along the City's major travel corridors. Work to date has included upgrades along Riverside Street, Brighton Avenue and Forest Avenue.

Significant work remains to be done along Congress Street on the downtown peninsula, Forest Avenue in the Parkside area, as well as portions of Washington Avenue, Cumberland Avenue, and State and High streets. One of the top priorities will be to provide improved fiber-optic connections so that up-to-date communications can be achieved at Traffic Operations (currently at 55 Portland Street, future location TBD). Longer-term, the region anticipates upgrading technology to allow for up-to-date emergency vehicle and transit vehicle pre-emption systems.

5 Year Cost Summary

<u>Planning</u>	<u>Land</u>	<u>Construction</u>	<u>Equipment</u>	<u>Est Total Cost</u>
\$230,000		\$2,482,500		\$2,712,500

Funding Request

<u>Year</u>	<u>Other Funding</u>	<u>Requested Funding</u>	<u>City Mgr Recommended</u>	<u>Funding Type</u>	<u>Approved</u>
2014	\$22,000	\$78,000	\$80,000		☒
2015	\$22,000	\$167,000	\$165,000		☒
2016	\$269,500	\$277,270	\$100,000		☒
2017	\$22,000	\$222,000	\$222,000		☒
2018	\$30,000	\$260,000	\$260,000		☒
2019		\$270,000	\$270,000		☒
2020		\$200,000	\$200,000		☒
2021		\$250,000			☐
2022		\$250,000			☐
2023		\$275,000			☐
2024		\$275,000			☐

Total	\$365,500	\$2,524,270	\$1,297,000
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Other Funding Source Description

PACTS Share of RTMS program \$22,000 - remaining funds for 2020 is to replace copper with fiber along Forest Avenue

Operating Budget Impact

This funding will help to supplement the limited money from PACTS and MaineDOT for RTMS upgrades, as well as reducing the strain on the capital available for City signal equipment.

Project Title ID 184325 Request Year 2020

Street Rehabilitation Program

Public Works

Division Engineering

Classification Transportation

Project Description

This program would focus on streets that require more than just paving. Street selected for reconstruction would have pavement condition ratings of "Failed," "Serious," or "Very Poor," based on pavement condition index (PCI) ratings in the most recent pavement management inventory.

Each project results in activity that triggers adjustment, repair, and/or upgrades of sewer & stormwater systems. Typical contract costs show that 30% of the total project value is for sewer & stormwater structure work. Therefore separate Sewer Fund CIP requests are also being made.

Project Justification

This project is needed to address streets where the pavement has failed, or is in very poor condition, as a result of deferred maintenance, old age, and poor original construction. City utility systems in these streets typically must also be addressed; those costs are estimated at 30% of total value & requested via Sewer Fund.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
\$100,000		\$1,150,000		\$1,250,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2018		\$500,000	\$200,000		☒
2019		\$250,000	\$250,000		☒
2020		\$250,000	\$250,000		☒
2021		\$250,000			☐
2022		\$250,000			☐
2023		\$250,000			☐
2024		\$250,000			☐
Total		\$2,000,000	\$700,000		

Other Funding Source Description

30% of the estimated project costs are attributed to Sewer and/or Stormwater costs; they are requested separately via CIP Sewer Fund. General Fund requests are for 70% of total project estimates.

Operating Budget Impact

This project should reduce the need for City resources needed for "pothole" repairs and other such street repairs that typically have short service lives and relatively high unit cost.

Project Title ID 205679 Request Year 2020

GDI to LDI Passageway

Public Works

Division Engineering

Classification Transportation

Project Description

Funding to include the design, permitting and construction to the passageway to and from Great Diamond and Little Diamond Islands. Improvements to include, but not limited to, placing riprap and river stone in the low areas to improve vehicular passage during low tide.

Project Justification

Department of Public Work's Islands Crew requires vehicular access from GDI to LDI for solid waste, road maintenance, emergency and other services.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
\$35,000		\$200,000		\$235,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$235,000	\$235,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$235,000	\$235,000		

Other Funding Source Description

Operating Budget Impact

The proposed improvements help to keep vehicles out of the salt water resulting in a reduction in mechanical maintenance and oxidation.

Project Title ID 184329 **Request Year** 2020

Washington Avenue Rehabilitation (Cumberland to E. Prom)

Public Works

Division Engineering

Classification Transportation

Project Description

The project area is primarily focused on Washington Avenue between Cumberland Avenue and Eastern Promenade; it is expected that the preliminary design work for this roadway will begin in earnest by late 2017.

The project would entail finalizing design of the reconstruction of the street pavement structure and reconstructing curbing and sidewalks, as needed, from Walnut Street to Eastern Prom, with some funding going toward design of street lighting, and some sidewalk work from Walnut Street to Cumberland Avenue.

The fund request for 2019 is intended to cover the following:

Design of Street rehabilitation, sidewalks, and lighting from Walnut Street to Eastern Prom: \$125,000

Design of Street Lighting and some sidewalk changes from Walnut Street to Cumberland Avenue: \$75,000

It should be noted that less intervention is needed for the portion of Washington Avenue from Walnut Street to Cumberland Avenue as a significant amount of work, including street rehabilitation and pedestrian amenities will be included with a Water Resources project to be constructed in CY2018.

Project Justification

The street pavement condition in this section of Washington Avenue was rated "Very Poor" in the Engineering Division's 2014 Pavement Management Study. Many sections of sidewalk and curb in the project area are also in need of repair, or improvement to meet accessibility standards.

5 Year Cost Summary

<u>Planning</u>	<u>Land</u>	<u>Construction</u>	<u>Equipment</u>	<u>Est Total Cost</u>
\$450,000		\$2,200,000		\$2,650,000

Funding Request

<u>Year</u>	<u>Other Funding</u>	<u>Requested Funding</u>	<u>City Mgr Recommended</u>	<u>Funding Type</u>	<u>Approved</u>
2018		\$250,000	\$250,000		☒
2020		\$200,000	\$50,000		☒
2021		\$2,200,000			☐
2022					☐
2023					☐
2024					☐
Total		\$2,650,000	\$300,000		

Other Funding Source Description

Operating Budget Impact

This project would reduce the need for City staff and resources to make street & sidewalk repairs over the next 10 years and beyond.

Project Title ID 194912 Request Year 2020

Rehabilitation of Cobblestone / Paver Streets

Public Works

Division Engineering

Classification Transportation

Project Description

10/19/17, Design and Rehabilitation of Cobblestone/Paver on Wharf, Dana, Silver St. (Spring St to Milk St.), & Kennebec Streets. Actual construction costs likely to be significantly higher than proposed placeholders. The rehabilitation of the Plum Street Alley (between Wharf Street and Fore Street) is a separate Planning Dept capital request for FY20 (\$105,000) and the design of Wharf Street should include and/or be coordinated with Plum Alley as well.

Project Justification

Years of vehicle & pedestrian use along with Maine's weather require rehabilitation for safe passage on these streets.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
\$200,000		\$850,000		\$1,050,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$150,000	\$100,000		☒
2021		\$200,000			☐
2022		\$200,000			☐
2023		\$250,000			☐
2024		\$250,000			☐
Total		\$1,050,000	\$100,000		

Other Funding Source Description

Operating Budget Impact

Project Title

ID 194933 Request Year 2020

Monument Way & Square Rehabilitation

Public Works

Division

Engineering

Classification

Transportation

Project Description

Replace Brick, Upgrade to ADA Standard, Replace Benches, Trash Cans Trees & Lights

Project Justification

One of the busiest pedestrian locations in the City needs rehabilitation to sidewalks and replacement of amenities that have not ben replaced in many years. Hope to work with buffering businesses to augment some of the costs.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
\$25,000		\$1,225,000		\$1,250,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$250,000	\$100,000		☒
2021		\$250,000			☐
2022		\$250,000			☐
2023		\$250,000			☐
2024		\$250,000			☐
Total		\$1,250,000	\$100,000		

Other Funding Source Description

Possible Public Private Partnerships

Operating Budget Impact

None anticipated.

Project Title ID 194818 **Request Year** 2020

Arterial Street Ped Crossings



Public Works

Division Engineering

Classification Transportation

Project Description

Provide improved pedestrian street crossing systems at various locations, including:

Forest Ave at Hartley Street

Brighton Ave at Craigie St

Auburn St at Washington Ave/Garsoe Dr.

(A more complete listing is in the attachements)

Project Justification

These locations are examples of places where vehicular speeds, movements and volumes present threats to pedestrian safety on our public streets. Creating and maintaining accessibility across public streets is a federal regulation (ADA) and the City is committed to ensuring safety for all users of the ROW. This program is necessary to meet current state and federal requirements and advances more than one policy/plan the Council has adopted (Complete Streets, Comprehensive Plan and the Forest Ave Smart Corridor Study). Multiple crossing improvement projects will be combined and issued for bidding together in order to coordinate similar scopes of work around the City and take advantage of economies of scale.

5 Year Cost Summary

<u>Planning</u>	<u>Land</u>	<u>Construction</u>	<u>Equipment</u>	<u>Est Total Cost</u>
\$100,000		\$600,000		\$700,000

Funding Request

<u>Year</u>	<u>Other Funding</u>	<u>Requested Funding</u>	<u>City Mgr Recommended</u>	<u>Funding Type</u>	<u>Approved</u>
2024					☐
2019		\$100,000	\$100,000		☒
2020		\$125,000	\$50,000		☒
2021		\$150,000			☐
2022		\$150,000			☐
2023		\$175,000			☐
Total		\$700,000	\$150,000		

Other Funding Source Description

Operating Budget Impact

Dependent on design, may increase winter maintenance costs and striping costs.

Project Title ID 194914 **Request Year** 2020

Seperated Bike Lanes

Public Works

Division Engineering

Classification Transportation

Project Description

10/19/17: Construct Bike Lanes on 2 segments of Park Ave.; between Saint John Street and Forest Avenue and Deering, and St John Street to Marston Street. Outcomes are dependent on Bayside Trail Extension Study recommendations due in early 2018.
10/15/18 The completion of the Park Avenue Seperated Bike Lane in 2018 will allow the opportunity in 2019 to monitor the project and determine the th next logical location to put in an additional location.

Project Justification

By creating these 2 segments of Bike Lanes the Park Ave corridor will be complete and the complete the on-road Bikeway Network corridor from Bayside Trail to the Portland Transportation Center/Fore River Parkway Trail through Outer Congress will be connected. A short section of bikeway on Marston Street and Frederic Street will remain to complete a full connection and is included in a Planning Dept funding request.

5 Year Cost Summary

<u>Planning</u>	<u>Land</u>	<u>Construction</u>	<u>Equipment</u>	<u>Est Total Cost</u>
		\$200,000		\$200,000

Funding Request

<u>Year</u>	<u>Other Funding</u>	<u>Requested Funding</u>	<u>City Mgr Recommended</u>	<u>Funding Type</u>	<u>Approved</u>
2019		\$100,000			☒
2020		\$100,000	\$100,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$200,000	\$100,000		

Other Funding Source Description

Operating Budget Impact

Additional annual costs for pavement markings will result.

Project Title ID 205719 Request Year 2020

Peaks Island Parking Lot

Public Works

Division Engineering

Classification Transportation

Project Description

Expansion of asphalt parking lot, located off of Welch Street by the Peaks Island Ferry, to incorporate golf cart parking spaces and bicycle parking.

Project Justification

Without a designated parking area, golf carts currently park between and within vehicle parking areas, as well as within the shoulder and grass areas surrounding the parking lot. With a high parking demand in this location of Peaks Island, maximizing parking capacity is essential.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
\$5,000		\$45,000		\$50,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$50,000	\$50,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$50,000	\$50,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 205714 Request Year 2020

Stoudwater Dam

Public Works

Division Engineering

Classification Marine

Project Description

Monitoring and rehab of Existing Dam

Project Justification

Replace existing Sluice Gate, Drill 3 Peizometers with Data Loggers,
Set 3 Monuments, Construct Bar Screen up stream of Sluice gate, and Repointing of Downstream Face.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
\$40,000		\$260,000		\$300,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$100,000	\$50,000		☒
2021		\$100,000			☐
2022		\$34,000			☐
2023		\$33,000			☐
2024		\$33,000			☐
Total		\$300,000	\$50,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 184138 **Request Year** 2020

Franklin Street Design Completion and Construction

Public Works

Division Engineering

Classification Transportation

Project Description

Franklin Street has been the focus of attention for some time, and in 2015, the Transportation Master Plan was completed, envisioning changes and modifications for the entirety of the roadway, from I-295 to Commercial Street.

The early design stages (horizontal and vertical alignment) are largely completed as of Fall 2017. Prior to any construction, full design will be required. Upon completion of full design, the City anticipates construction of outcomes as follows:

Phase 1: Transportation Improvements to Franklin from Somerset Street to I-295. Final Design in CY2018, and Construction in CY2019. (Total cost \$4.3 million)

Phase 2: Transportation Improvements to Franklin from Commercial Street to Middle Street. Final Design in CY2021, and Construction in CY2022. (Total cost \$2.6 million)

Phase 3: Transportation Improvements to Franklin from Middle Street to Somerset Street. The most costly of the proposed project components, this work will be designed and constructed in outyears beyond 2023. (Total cost \$6.2 million)

The addition of a significant stormwater pipe from Congress Street to Back Cove is part of the City's future CSO work. Staff recommend that these outcomes be coordinated, and a separate Sewer Fund CIP funding request for design and construction of this outcome has been made.

The proposed configuration changes to the Exit 7 ramps themselves will be completed by MaineDOT, likely in CY 2019.

Project Justification

This project will accomplish the following:

- 1.) Significant improvements to vehicular capacity from Somerset to I-295.
- 2.) A safer cross-section from Middle to Commercial.
- 3.) Safety and capacity improvements at Cumberland and Congress.
- 4.) Improved access at Oxford, Newbury and a full access at Federal.
- 5.) Expansion of historic Lincoln Park.
- 6.) Improved sidewalk and bicycle facilities.
- 7.) Updated signal equipment.

5 Year Cost Summary

<u>Planning</u>	<u>Land</u>	<u>Construction</u>	<u>Equipment</u>	<u>Est Total Cost</u>
\$500,000		\$8,300,000		\$8,800,000

Funding Request

<u>Year</u>	<u>Other Funding</u>	<u>Requested Funding</u>	<u>City Mgr Recommended</u>	<u>Funding Type</u>	<u>Approved</u>
2024					☐
2019		\$250,000	\$50,000		☒
2020		\$200,000	\$200,000		☒
2021	\$1,500,000	\$4,300,000			☐
2022		\$250,000			☐
2023		\$2,500,000			☐
Total	\$1,500,000	\$7,500,000	\$250,000		

Other Funding Source Description

MaineDOT will pay for the Exit 7 changes, shown as \$1,500,000 in this request.

Operating Budget Impact

This project would result in completely updated facilities, and reduce the amount of maintainance currently needed.



January 9, 2019

To: Jon Jennings, City Manager
From: Xavier Botana, Superintendent
Re: Portland Public Schools' Revised FY2020 CIP Proposal

On January 8, 2019, the Portland Board of Public Education, by a vote of 8-1, recommended the attached revised FY2020 CIP be sent forward for your consideration and review. Our CIP process this year included our Facilities staff reviewing and updating our five-year plan as well as considering FY2019 CIP rollovers and new initiatives. As part of the Board's due diligence, some of the project costs were updated using estimating software to reflect current market pricing.

The Board of Public Education's Operations Committee reviewed staff recommendations at two meetings in September and October and referred to the Board a unanimous recommendation to approve the attached CIP. The Board reviewed the CIP and held a workshop on it during the month of November. The Board unanimously approved the original \$4.6 million on November 27, 2018.

The revised plan totals just over \$3.5 million. It is built around four packages:

- Package one includes carryovers from last year that had engineering studies plus requirements from the ten-year transportation plan;
- Package two projects are high priorities from the November 2017 Facilities Assessment, primarily obsolete, short-term needs, with the exception of DHS site damage that may be eligible for federal funds;
- Package three focuses on building envelope and systems (windows and HVAC) that should reap some energy savings as well as enhance our learning environments with Moore windows deferred to FY2021 or later and DHS windows split into two phases; and
- Package four is the first phase of proposed security enhancements - door access controls at DHS, PHS and PATHS/CBHS.

We look forward to discussing this request with you.

	Portland Public Schools						
		FY2020 CIP					
	Amended PBPE Recommended						
		(a/o 1-4-19)					
				FA	Condition	FA	Action
Location	Project Title	Cost	Comments	Year	Level	Life Cycle	Priority
Transportation	Replace one van and two ADA buses	\$234,900	per Transportation ten year plan	-	-	-	S
PATHS	PATHS/CBHS Technology/Network Upgrade	\$200,000		6-10	2	ESL	L
DHS	Kitchen remodel	\$200,000		11-15	3	ESL	L
District	Pave multiple campuses	\$250,000		1-5	-	-	S
PHS	Replace retaining wall and iron railings	\$325,500		1-5	1	Obsolete	S
PATHS/CBHS	Replace windows	\$430,000		16-20	2	Obsolete	L
DHS	Site drainage	\$0	was 200,000; working with City of Portland to pursue Federal funds	1-5	1-	Obsolete	S
PIES	Interior renovations	\$250,000		-	0-2	Obsolete/END	S/L
DHS	Replace windows	\$405,000	was \$810K - recommend two equal phases of \$405K each	16-20	2	END	L
PHS	Replace windows	\$75,000	was \$322,000 first of 3 phases- supplement with Padula grant first ph	16-20	2*	ESL	L
MMS	Replace windows	\$0	was \$315,000	16-20	2	ESL/END	L
DHS	Replace air handling units	\$355,000	phase 1 - targeted replacement plus design for phase 2	1-5	1	END	L
RVR	Replace AC	\$660,000	replace 40 ton chiller with 50 ton unit plus all vintage AHUs	6-10	1	END	L
Multi	Door access controls - DHS, PHS, and PATHS	\$115,000	First of multiple phases	-	-	-	-
	FY2020 CIP Total:	\$3,500,400					
Notes: 1. The PBPE Operations Committee recommended 2020 CIP development began with a review of the 5 year plan and carryovers from last year plus vehicles requested in 2020 in the ten year Transportation plan. The list above embraces high priority items from the 2017 Facilities Assessment , energy savings and security enhancements. The bolded items above reflect changes from our September 20, 2018 list.							
2. The February 28, 2017 Facilities Assessment recommendations were prioritized as follows:							
	Immediate needs		Year 0				
	Life safety, code, ADA compliance, security and structural		Years 1-5				
	MEP systems		Years 6-10				
	Interior finishes		Years 11-15				
	Building envelopes		Years 16-20				
3. Condition level:							
	Failed - not functional		0				
	Poor - failure anticipated		1				
	Fair - functions, service required		2				
	Good - functional and maintained		3				
	Excellent - new		4				

	Portland Public Schools					
		FY2020 CIP				
	Amended PBPE Recommended					
		(a/o 12-20-18)				
	4. Life cycle:					
	New - recent		N			
	Within expected service life		ESL			
	Nearing end of service life		END			
	Obsolete					
	5. Action priority:					
	Immediate		0			
	Short term (1 to 5 years)		S			
	Long term (6 to 20 years)		L			
	Not applicable		N/A			
	6. The Facilities Assessment scope of work included: existing building envelope and exterior; structural systems; walls and flooring; plumbing and fire protection; heating, ventilation and air conditioning; electrical, lighting and fire alarms; technology infrastructure; security; accessibility/ADA compliance; locker room privacy accommodations and site conditions. The assessment did not address any unmet educational programming requirements or space deficiencies.					

Project Title ID 141107 Request Year 2020

0272 Squad 301 Heavy Rescue PFD Fire

Vehicle Maintenance

Division Fire Department

Classification Vehicles

Project Description

The Fire Dept has received grant funding for \$687k with a \$65k match in FY19. This request anticipates an overage of approximately \$65k.

Project Justification

Anticipated overage of Rescue unit

5 Year Cost Summary

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

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020	\$687,000	\$63,000	\$68,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total	\$687,000	\$63,000	\$68,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 173653 Request Year 2020
0284 E311 Replacment PFD Fire - Ocean Ave Station

Vehicle Maintenance

Division Fire Department
Classification Vehicles

Project Description

New pumping apparatus for the East End area on Ocean Avenue

Project Justification

The current unit is a 2000 Pierce that was purchased as a stop gap in 2009. Acquired as a package with our used spare Ladder that was placed out of service due to an accident. This unit was purchased used for \$150,000 and has served its mission as a stop gap for 8 years. The unit contains equipment design that is not consistent with other department apparatus and therefore places challenges on our personnel.

5 Year Cost Summary

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

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$750,000	\$750,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$750,000	\$750,000		

Other Funding Source Description

Operating Budget Impact

Project Title

ID 205477 Request Year 2020

4057 - Rear Load Packer, Replace with Automated - DPW Solid Waste

Vehicle Maintenance

Division

Public Works

Classification

Vehicles

Project Description

2016 CNG packer to be traded

Project Justification

Increased reliability

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		\$325,000		\$325,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$325,000	\$325,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$325,000	\$325,000		

Other Funding Source Description

Operating Budget Impact

Reduced maintenance cost

Project Title ID 205473 Request Year 2020
4052 - Rear Load Packer DPW Solid Waste

Vehicle Maintenance

Division Public Works
Classification Vehicles

Project Description
2007 Crane Carrier rear load. Replace with rear load

Project Justification
Schedule replacement

5 Year Cost Summary

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

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$250,000	\$250,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$250,000	\$250,000		

Other Funding Source Description

Operating Budget Impact
Reduced manintenance cost

Project Title ID 141305 Request Year 2020

2501 1 Ton Wrecker Replacement - Fleet

Vehicle Maintenance

Division Public Works

Classification Vehicles

Project Description

2001 1 ton wrecker

Project Justification

scheduled replacement

replace with mid size wrecker to replace 2 fleet service vehicles. 5035 and 2501 would be replaced with this one vehicle.

5 Year Cost Summary

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

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$100,000	\$100,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$100,000	\$100,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 14967 Request Year 2020
5097 Pulp Loader Replacement - Forestry

Vehicle Maintenance

Division Recreation and Facilities
Classification Vehicles

Project Description
Pulp loader truck for Forestry Section

Project Justification

Current unit is a model year 1998 and life to date maintenance costs total \$29,000. Forestry employee safety depends on the good operation of this unit. The unit is aging and in need of replacement.

5 Year Cost Summary

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

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$250,000	\$250,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$250,000	\$250,000		

Other Funding Source Description

Operating Budget Impact

Cost Estimate - based on vendor quote

Project Title ID 205577 Request Year 2020

Replace Patrol Vehicles PD Patrol

Vehicle Maintenance

Division Police Department

Classification Vehicles

Project Description

Patrol vehicles are used 24 hours a day 7 days a week requiring replacement every 3 years. The 7 cars purchase per year maintains all of the patrol fleet and K9 cars

2 of the requested units are hybrid at approx \$7k more each than convenntional. PD will evauluate use of these two units with the thought of expanding hybrids in their fleet.

Project Justification

As vehicles are phased out of patrol they become available for reassignment within the City fleet and save capital monies.

Hybrid units cost \$7,000 more per unit and Ford estimates a 40% fuel economy improvement over the gas units we use now.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			\$1,414,000	\$1,414,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$294,000	\$280,000		☒
2021		\$280,000			☐
2022		\$280,000			☐
2023		\$280,000			☐
2024		\$280,000			☐
Total		\$1,414,000	\$280,000		

Other Funding Source Description

Operating Budget Impact

reduced fuel cost with use of hybrid

Project Title ID 194856 Request Year 2020

Plow Loader - DPW Winter

Vehicle Maintenance

Division Public Works

Classification Vehicles

Project Description

1998 Sterling single axle plow wing sander

Replace with mid size loader w/ plow and wing

Project Justification

Scheduled Replacement

DPW is proposing to deploy more loaders in favor of single axle plow trucks. The loader package is \$20,000 less than the cost of a single axle plow truck.

5 Year Cost Summary

<u>Planning</u>	<u>Land</u>	<u>Construction</u>	<u>Equipment</u>	<u>Est Total Cost</u>
			\$160,000	\$160,000

Funding Request

<u>Year</u>	<u>Other Funding</u>	<u>Requested Funding</u>	<u>City Mgr Recommended</u>	<u>Funding Type</u>	<u>Approved</u>
2020		\$160,000	\$160,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$160,000	\$160,000		

Other Funding Source Description

Operating Budget Impact

Reduced capital and maintenance cost

Project Title ID 14998 Request Year 2020
3096 TA Dump Truck Wheeler Plow Replacement - Districting

Vehicle Maintenance

Division Public Works
Classification Vehicles

Project Description
Tandem axle, 55,000 gvw dump truck with plow gear, sander and calcium system

Project Justification
Current unit is a model year 1998 used as a front line plow and on construction projects during the summer. A new unit will decrease down time and maintenance costs.

DPW is reconfiguring the plow fleet to include more single axle trucks and this tandem axle truck will be replaced with single

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			\$425,000	\$425,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		\$210,000			☒
2020		\$215,000	\$215,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$425,000	\$215,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 205555 Request Year 2020

0931 Rechassis Medcu Ambulance PFD Medcu

Vehicle Maintenance

Division Fire Department

Classification Vehicles

Project Description

Rechassis involves re-using the ambulance body on a new van. The medcu bodies are in excellent shape and are great candidates for rechassis

Project Justification

New ambulances cost \$240k and the rechassis are \$150k

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			\$390,000	\$390,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$150,000	\$150,000		☒
2021					☐
2022					☐
2023					☐
2024		\$240,000			☐
Total		\$390,000	\$150,000		

Other Funding Source Description

Operating Budget Impact

reduced capital cost

Project Title

ID 205498 Request Year 2020

8104 Sidewalk Tractor DPW PDD

Vehicle Maintenance

Division

Public Works

Classification

Vehicles

Project Description

2005 Holder

Project Justification

scheduled replacement

5 Year Cost Summary

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

Funding Request

Year	Other Funding	RequestedFunding	City MgrRecommended	Funding Type	Approved
2020		\$150,000	\$150,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$150,000	\$150,000		

Other Funding Source Description

Operating Budget Impact

reduced maintenance cost

Project Title

ID 205500 Request Year 2020

8107 Sidewalk Tractor DPW PDD

Vehicle Maintenance

Division

Public Works

Classification

Vehicles

Project Description

2008 Belos

Project Justification

scheduled replacement

5 Year Cost Summary

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

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$150,000	\$150,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$150,000	\$150,000		

Other Funding Source Description

Operating Budget Impact

reduced maintenance cost

Project Title ID 141189 Request Year 2020

3121 1 Ton Dump Truck Replacement - Cemeteries

Vehicle Maintenance

Division Recreation and Facilities

Classification Vehicles

Project Description

2000 1 ton w/ plow

Project Justification

scheduled replacement. Gas engine

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			\$65,000	\$65,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$65,000	\$65,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$65,000	\$65,000		

Other Funding Source Description

Possible Cemetery Funds

Operating Budget Impact

Project Title ID 205582 Request Year 2020

0224 Command Car FD Fire

Vehicle Maintenance

Division Fire Department

Classification Vehicles

Project Description

2006 Chevrolet Suburban

Project Justification

Scheduled replacement

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			\$40,000	\$40,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$40,000	\$40,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$40,000	\$40,000		

Other Funding Source Description

Operating Budget Impact

reduced maintenance cost

Project Title ID 194866 Request Year 2020

2185 3/4 ton pickup - PRF Ballfields

Vehicle Maintenance

Division Recreation and Facilities

Classification Vehicles

Project Description

2000 3/4 ton pickup with plow

Project Justification

Scheduled replacement

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			\$40,000	\$40,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$40,000	\$40,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$40,000	\$40,000		

Other Funding Source Description

Operating Budget Impact

Reduced maintenance cost

Project Title ID 205509 Request Year 2020

3104 1 Ton PRF Ballfields

Vehicle Maintenance

Division Recreation and Facilities

Classification Vehicles

Project Description

1999 Ford F450

Project Justification

scheduled replacment

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			\$65,000	\$65,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$65,000	\$65,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$65,000	\$65,000		

Other Funding Source Description

Operating Budget Impact

reduced maintenance cost

Project Title ID 14993 Request Year 2020
3103 1 Ton Dump Truck Replacement - Parks

Vehicle Maintenance

Division Recreation and Facilities
Classification Vehicles

Project Description
1.5 ton, 4X4, regular cab dump truck with plow and sander

Project Justification
Current unit is a model year 1999 and is used by Districting for light duty winter plowing and summer construction projects. A new unit will decrease down time and maintenance costs.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			\$65,000	\$65,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$65,000	\$65,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$65,000	\$65,000		

Other Funding Source Description

Operating Budget Impact

Cost Estimate - based on dealer estimate for diesel engine chassis (\$30,000) plus dump body (\$8,000) plus plow (\$5,000) plus sander (\$6,000) plus lights and toolbox.

Project Title ID 14994 Request Year 2020

3105 1 Ton Dump Truck Replacement - Districting

Vehicle Maintenance

Division Public Works

Classification Vehicles

Project Description

1.5 ton, 4X4, regular cab dump truck with plow and sander

Project Justification

Current unit is a model year 1999 and is used by Districting for light duty winter plowing and summer construction projects. A new unit will decrease down time and maintenance costs.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			\$70,000	\$70,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$70,000	\$70,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$70,000	\$70,000		

Other Funding Source Description

Operating Budget Impact

Cost Estimate - based on dealer estimate for a diesel engine chassis (\$30,000) plus dump body (\$8,000) plus plow (\$5,000) plus sander (\$6,000) plus lights and toolbox.

Project Title ID 205471 Request Year 2020

Add Sanders to 2 DPW F550s for Winter

Vehicle Maintenance

Division Public Works

Classification Vehicles

Project Description

Add sanders to trucks 3012 and 3013

Project Justification

Better winter repsonse

5 Year Cost Summary

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

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$15,000	\$15,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$15,000	\$15,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 205529 Request Year 2020

Add Steam Weed Removal Machine - DPW Districting

Vehicle Maintenance

Division Public Works

Classification Vehicle - New (Not Replacement)

Project Description

Purchase a steam weed remover for chemical free weed removal of sidewalks, traffic islands, etc

Project Justification

This is an alternative to the use of chemicals

5 Year Cost Summary

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

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$25,000	\$25,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$25,000	\$25,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 205502 Request Year 2020
0247 1/2 Ton Pickup w/ Liftgate PRF PAF

Vehicle Maintenance

Division Recreation and Facilities
Classification Vehicles

Project Description
Truck w/ liftgate

Project Justification
Operational need

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			\$35,000	\$35,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$35,000	\$35,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$35,000	\$35,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 205465 Request Year 2020

0041 - Replace Taurus w/ Used SUV - DPW

Vehicle Maintenance

Division Public Works

Classification Vehicles

Project Description

2014 former police car Taurus

Project Justification

scheduled replacement

5 Year Cost Summary

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

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$20,000	\$20,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$20,000	\$20,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 205650 Request Year 2020

Pickup Truck Funding

Vehicle Maintenance

Division Public Works

Classification Vehicles

Project Description

Budget \$100,000 for pick up truck replacement throughout City fleet

Project Justification

There are still many pickups in the fleet that are in tough shape in Parks and DPW. Due to the need to replace large vehicle capital vehicles in Fire Dept and Solid Waste much of the vehicle funding will be used for these purchases. The intent of this request to use these funds to purchase numerous used pickups.

5 Year Cost Summary

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

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$100,000	\$100,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$100,000	\$100,000		

Other Funding Source Description

Operating Budget Impact

Reduced capital and maintenance cost

Project Title ID 194865 Request Year 2020

Purchase (2) Used Utility Vans - PRF Trades

Vehicle Maintenance

Division Recreation and Facilities

Classification Vehicles

Project Description

Replace two aging van with late model used

Project Justification

Trades is adding staff and in need of reliable vans. We are proposing to purchase used to save capital funds

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			\$36,000	\$36,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$36,000	\$36,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$36,000	\$36,000		

Other Funding Source Description

Operating Budget Impact

reduced maintenance cost

Project Title ID 205518 Request Year 2020

Replace Crown Vic w/ Used SUV PRF Parks Manager

Vehicle Maintenance

Division Recreation and Facilities

Classification Vehicles

Project Description

new position and vehicle

Project Justification

5 Year Cost Summary

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

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$20,000	\$20,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$20,000	\$20,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 14925 Request Year 2020

0186 Animal Control Officer Van Replacement - Police

Vehicle Maintenance

Division Police Department

Classification Vehicles

Project Description

Replace the Animal Control Officer Van. Last replaced FY11, purchase every 5th year per DPW plan. Transit or similar style

Project Justification

scheduled replacment

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			\$35,000	\$35,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$35,000	\$35,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$35,000	\$35,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 205578 Request Year 2020
0140 Rechassis Arrest Truck PD Patrol

Vehicle Maintenance

Division Police Department
Classification Vehicles

Project Description
Purchase new chassis to reinstall existing arrest body on

Project Justification
Reduced purchase cost by rechassis existing box

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			\$40,000	\$40,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$40,000	\$40,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$40,000	\$40,000		

Other Funding Source Description

Operating Budget Impact
reduced maintenance and capital cost

Project Title ID 152173 Request Year 2020
Smithco Turf RakeReplacement - Cemeteries 1046

Vehicle Maintenance

Division Recreation and Facilities
Classification Vehicles

Project Description
1979 Turf Rake

Project Justification
Scheduled replacement

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			\$40,000	\$40,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$40,000	\$40,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$40,000	\$40,000		

Other Funding Source Description

Operating Budget Impact
Reduced maintenance cost

Project Title ID 205618 Request Year 2020

Replace Fairway Mower(s) PRF Golf

Vehicle Maintenance

Division Recreation and Facilities

Classification Vehicles

Project Description

Replace aged fairway mowers (1) 1998, (2) 2004

Project Justification

Scheduled replacement

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			\$180,000	\$180,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$180,000	\$60,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$180,000	\$60,000		

Other Funding Source Description

Operating Budget Impact

Reduced maintenance cost

Project Title ID 141206 Request Year 2020

3202 Dump Truck Replacement -DPW

Vehicle Maintenance

Division Sewer Fund

Classification Vehicles

Project Description

2001, 55000 gvw dump w/ plow, sander, calcium

Project Justification

scheduled replacement

5 Year Cost Summary

<u>Planning</u>	<u>Land</u>	<u>Construction</u>	<u>Equipment</u>	<u>Est Total Cost</u>
			\$210,000	\$210,000

Funding Request

<u>Year</u>	<u>Other Funding</u>	<u>Requested Funding</u>	<u>City Mgr Recommended</u>	<u>Funding Type</u>	<u>Approved</u>
2020		\$210,000	\$210,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$210,000	\$210,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 184300 Request Year 2020

5015 Toolcat DPW Water Resources

Vehicle Maintenance

Division Sewer Fund

Classification Vehicles

Project Description

2010 toolcat

Project Justification

scheduled replacement

5 Year Cost Summary

<u>Planning</u>	<u>Land</u>	<u>Construction</u>	<u>Equipment</u>	<u>Est Total Cost</u>
			\$70,000	\$70,000

Funding Request

<u>Year</u>	<u>Other Funding</u>	<u>Requested Funding</u>	<u>City Mgr Recommended</u>	<u>Funding Type</u>	<u>Approved</u>
2020		\$70,000	\$70,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$70,000	\$70,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 205534 Request Year 2020

Add 4x4 1/2 Ton Crew Cab DPW Water Res

Vehicle Maintenance

Division Sewer Fund

Classification Vehicle - New (Not Replacement)

Project Description

4x4 1/2 ton crew cab pickup

Project Justification

The compliance section of Water resources is in need of vehicle that can travel into the sewer right of ways. A 4x4 pickup is needed.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			\$30,000	\$30,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$30,000	\$30,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$30,000	\$30,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 194951 Request Year 2020

CWSRF - Back Cove South Storage Facility

Water Resources

Division Sewer

Classification Wastewater

Project Description

A storage tank to be installed in the fields at Back Cove Park to capture and hold combined sewer overflow during rain events, for treatment after the storm subsides.

Project Justification

The installation of a storage conduit or tank is required by the Maine Department of Environmental Protection through the Combined Sewer Overflow permit issued to the City of Portland.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		\$8,000,000		\$8,000,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$8,000,000	\$8,000,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$8,000,000	\$8,000,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 184178 **Request Year** 2020
CWSRF - Mackworth Street and Ocean Avenue Sewer Separation Project

Water Resources

Division Sewer
Classification Wastewater

Project Description

The Mackworth Street and Ocean Avenue Sewer Separation Project is a CSO Tier 3 project within the Back Cove Watershed. This project will install a new storm drain from Back Cove on Mackworth Street to Ocean Ave. Also, Ocean Ave will be separated from Walton Street to Forest Avenue as well as Mayland Street and Irving Street. The project will be removing the Baxter Woods Pond from the sewer. This project will have sewer separation and greed infrastructure incorporatated into it. Utility cost estimate is \$6,000,000.00, Sidewalk & Curbing = \$600,000.00,

Project Justification

This project was identified in the Back Cove West Separation and Green Project Report. The project was ranked to be done in phase 2 and would separate 127.21 acreas from the combined sewer system. This also would remove storm water from one of our largest CSO's within Back Cove.

5 Year Cost Summary

<u>Planning</u>	<u>Land</u>	<u>Construction</u>	<u>Equipment</u>	<u>Est Total Cost</u>
		\$6,000,000		\$6,000,000

Funding Request

<u>Year</u>	<u>Other Funding</u>	<u>Requested Funding</u>	<u>City Mgr Recommended</u>	<u>Funding Type</u>	<u>Approved</u>
2020		\$6,000,000	\$6,000,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$6,000,000	\$6,000,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 194799 **Request Year** 2020

CWSRF - Preble & Somerset St Sewer Separation

Water Resources

Division Sewer

Classification Wastewater

Project Description

The Preble St (Marginal to Cumberland) and Somerset (Preble to Parris) Sewer Separation Projects are CSO Tier 3 projects within the Back Cove Watershed. This project will install a new storm drain from I-295 to the intersection of Preble St and Cumberland Avenue. This work will be constructed in conjunction with the replacement of the PWD water main in CY2018.

The project is currently in design.

Project Justification

This project was identified in the Back Cove West Separation and Green Project Report. The project was ranked to be done in phase 2, 3 and 4 and would separate over 15 acres from the combined sewer system. The project will be done in two phases. Phase 1 will be bid on 10/4/2018. Phase 2 will be bid 11/1/2019.

5 Year Cost Summary

<u>Planning</u>	<u>Land</u>	<u>Construction</u>	<u>Equipment</u>	<u>Est Total Cost</u>
		\$4,800,000		\$4,800,000

Funding Request

<u>Year</u>	<u>Other Funding</u>	<u>Requested Funding</u>	<u>City Mgr Recommended</u>	<u>Funding Type</u>	<u>Approved</u>
2020		\$4,800,000	\$4,800,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total		\$4,800,000	\$4,800,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 152461 **Request Year** 2020

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:

Franklin Street Pump Station Improvements

Riverton Replacement with Submersible Pump Station

Castine Replacement of Security Fence and Generator

SCADA and Hardware Updates

Flowmeters at Pump Stations

Project Justification

CIP Year 2020 Projects: Franklin Street Pump Station Improvements, Riverton Pump Station Replacement

The Franklin Street Pump Station is undergoing improvements through a design-build process by Woodard and Curran. Improvements include mechanical, structural, electrical and component upgrades and replacements. It was proposed to be decommissioned due to the installation of the Back Cove South Storage Conduit, a combined sewer storage tank within Marginal Way, and would have been abandoned. For that reason, few resources have been spent in keeping the station up to date. With the decision to install the Back Cove South Storage Conduit as tanks within Back Cove Park, the station needs to be upgraded.

The additional monetary request is to supplement the existing CMOM Pump Station Rehabilitation funds that were allocated previously. The current availability of those funds are not enough to cover the additional project scope. The recurring amount of \$670,000.

The Riverton Pump Station Replacement project is currently under design for bid in the 2020 CIP season.

5 Year Cost Summary

<u>Planning</u>	<u>Land</u>	<u>Construction</u>	<u>Equipment</u>	<u>Est Total Cost</u>
		\$7,130,000		\$7,130,000

Funding Request

<u>Year</u>	<u>Other Funding</u>	<u>Requested Funding</u>	<u>City Mgr Recommended</u>	<u>Funding Type</u>	<u>Approved</u>
2024					☐
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		\$670,000			☐
2022		\$670,000			☐
2023					☐
Total		\$7,132,000	\$5,790,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 141793 **Request Year** 2020

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 penalties 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 occurrences of SSO's.

5 Year Cost Summary

<u>Planning</u>	<u>Land</u>	<u>Construction</u>	<u>Equipment</u>	<u>Est Total Cost</u>
\$1,290,000		\$14,810,000		\$16,100,000

Funding Request

<u>Year</u>	<u>Other Funding</u>	<u>Requested Funding</u>	<u>City Mgr Recommended</u>	<u>Funding Type</u>	<u>Approved</u>
2024					☐
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		\$3,200,000			☐
2022		\$3,200,000			☐
2023					☐
Total		\$14,000,000	\$7,600,000		

Other Funding Source Description

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 penalties as administered by EPA. Based on our CSO Engineering Consultant recommendations, reoccurring sewer line replacement and upgrades could cost as much as \$3,000,000 per year.

Project Title ID 152384 Request Year 2020

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.

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
\$225,000		\$500,000		\$725,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2024					☐
2015		\$75,000	\$75,000		☒
2019		\$100,000	\$100,000		☒
2020		\$250,000	\$250,000		☒
2021		\$200,000			☐
2022		\$100,000			☐
2023					☐
2024					☐
Total		\$725,000	\$425,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 205660 Request Year 2020

Sagamore Village Green Infrastructure Project

Water Resources

Division Stormwater

Classification Stormwater

Project Description

This project is to install several green infrastructure best management practices throughout the Sagamore Village neighborhood. Practices are all vegetative filters that will manage, reduce, and treat stormwater runoff throughout the development.

Project Justification

Sagamore Village is within the Capisic Brook Watershed and had a project identified within the neighborhood as part of the Watershed Management Plan required by the Maine DEP and MS4 Permit. The original design location is no longer an option due to future development so the City has begin design on smaller treatment options throughout the neighborhood. A previous CIP request for a similar amount was moved to a CIP Outlay account in the operating budget which has allowed for the payment to Ransom Engineering for the design of the potential projects but the construction.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		\$1,050,000		\$1,050,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020	\$450,000	\$600,000	\$600,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total	\$450,000	\$600,000	\$600,000		

Other Funding Source Description

A separate green infrastructure CIP account will be utilized for the remainder.

Operating Budget Impact

Project Title ID 162996 Request Year 2020

PACTS USM Roundabout Sewer Separation

Water Resources

Division Sewer

Classification Wastewater

Project Description

Separate the storm water from the sewer system for the new USM Roundabout

Project Justification

PACTS funded project. Already under design with the sewer separation in consideration. Design is already underway and is funded by others. Just need construction money to pay for the additional catch basins, storm drainage and green infrastructure.

5 Year Cost Summary

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

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$500,000	\$500,000		☒
2021		\$500,000			☐
2022					☐
2023					☐
2024					☐
Total		\$1,000,000	\$500,000		

Other Funding Source Description

PACTS 16/17 TIP funding plus \$250,000 USM contribution.

Operating Budget Impact

Project Title ID 205658 Request Year 2020
Monument Way & Square Sewer / Storm

Water Resources

Division Sewer
Classification Wastewater

Project Description

Transportation is rehabilitating Monument Way and Square. This same area will need sewer main replacement as well as new storm drains.

Project Justification

Storm water is combined in this area and the sewers need replacement

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
\$100,000		\$1,000,000		\$1,100,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$100,000	\$100,000		☒
2021		\$1,000,000			☐
2022					☐
2023					☐
2024					☐
Total		\$1,100,000	\$100,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 184173 **Request Year** 2020

Integrated Planning LTCP and Post Construction Monitoring Program

Water Resources

Division Sewer

Classification Wastewater

Project Description

The City of Portland is faced with many Clean Water Act Regulations, Federal and State Orders around failure to meet those regulations, and stakeholder engagement over the state of the bay and climate change. The two permits that the City operates under are the CSO (Combined Sewer Overflow) Discagree Permit and the MS4 Permit (Municipal Seperate Storm Sewer Systems) Both of these permits are expiring in 2018. When a permit reaches it's 5 year renewal, it is open for comment by regulators and stakeholder groups such as Conservation Law, Friends of Casco Bay and the Caso Bay Estuary Partnership. The City's Long Term Control Plan is part of the CSO Permit and therefore will be open for comment and a review of the plan is due to the EPA in December of 2018. Additionally the East End WWTP is in the process of renewing its 5 year permit and stronger regulations are absolutley in store for them which has a tremendous effect on our processes. Since it has been a goal of the City Council for some time to embark on an integrated plan, and because we have an excellent opprotunity to approach all of these requirements as a team, including Portland Water District, I am asking that we combine all of the work needed into a single program over the next three years, with the third year a monitoring program implementation, thus setting the City on the best possible path for growth and sustainability.

Project Justification

Improving water quality conditions is a fundamental goal of the city. Through the municipal budgeting process however, the city must balance implementation of this goal with its efforts to achieve other equally important municipal goals. In addition the City must address its water quality challenges within its limited legal authority to control the root causes of many of the water qualityconditions. For these reasons the City has always stressed and attempted to implement the most cost effective and streamlined process for meeting its water quality challanges. The Integrated Plan will consolidate in one place the City's water quality requirements and outline the specific measuralble steps the city will take to achieve compliance with those requirements.The Integrated Plan will be based on both existing and new technical analysis, include an integrated monitoring plan, and would provide a regualr assesmenmt and adaptation to allow the plan to evolve and be refined over time. The plan will be developed through a public process and implemented through the various permits and Long Term Control Plan. The basis for the work will be derived from; the EPA Integrated Plan MEMORANDUM, May 2012, the EPA's framework for LTCP and the EPA's model for Post Construction monitoring. An integrated plan coupled with the required review of the LTCP, will allow the City staff, stakeholders and regulators to reach a consensus on what makes sence for the City to pursue, in what order and for what benifit. The 2.5 million would include: Yr1 \$1.0m Yr2 1.1 Yr3 400

5 Year Cost Summary

<u>Planning</u>	<u>Land</u>	<u>Construction</u>	<u>Equipment</u>	<u>Est Total Cost</u>
\$2,500,000				\$2,500,000

Funding Request

<u>Year</u>	<u>Other Funding</u>	<u>Requested Funding</u>	<u>City Mgr Recommended</u>	<u>Funding Type</u>	<u>Approved</u>
2024					☐
2018		\$1,000,000	\$1,000,000		☒
2019		\$400,000	\$400,000		☒
2020		\$1,100,000	\$1,100,000		☒
2021					☐
2022					☐
2023					☐
Total		\$2,500,000	\$2,500,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 184196 **Request Year** 2020

Thames St Stormwater Outfall

Water Resources

Division Stormwater

Classification Stormwater

Project Description

Discharge point for construction of approx. 600' of new storm drain to run from Fore street, down the proposed new Thames street extention road and outfall across the Amythest Lot Development Site into Portland Harbor/Casco Bay.

Project Justification

Building this new Stormdrain outfall will allow the Water Resources Division to separate Fore Street/ Munjoy Hill watershed from Congress Street to Fore Street. This will reduce the flows to the India street pump station, and reduce CSO activity at CSO's 23 and 24. Project needs to be completed before additional development in the area, including the Thames Street extension and Amethyst Lot.

5 Year Cost Summary

<u>Planning</u>	<u>Land</u>	<u>Construction</u>	<u>Equipment</u>	<u>Est Total Cost</u>
\$100,000		\$1,100,000		\$1,200,000

Funding Request

<u>Year</u>	<u>Other Funding</u>	<u>Requested Funding</u>	<u>City Mgr Recommended</u>	<u>Funding Type</u>	<u>Approved</u>
2024					☐
2018		\$100,000	\$100,000		☒
2019		\$750,000	\$150,000		☒
2020		\$950,000	\$950,000		☒
2021					☐
2022					☐
2023					☐
Total		\$1,800,000	\$1,200,000		

Other Funding Source Description

Operating Budget Impact

Addition to Utility systems will require O&M funding in annual operating budget(s).

Project Title ID 205661 Request Year 2020

Fore Street Sewer Separation

Water Resources

Division Sewer

Classification Wastewater

Project Description

Sewer separation of Fore Street from Vesper St to Thames Street Connector Road

Project Justification

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 a 24" sewer. This project would involve installing 1,700 feet of new storm drain, new catchbasins and tie into the new Thames Street Stormwater Outfall.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
\$100,000		\$700,000		\$800,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$100,000	\$100,000		☒
2021		\$700,000			☐
2022					☐
2023					☐
2024					☐
Total		\$800,000	\$100,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 205710 Request Year 2020

Pearl Street Sewer Replacement

Water Resources

Division Sewer

Classification Wastewater

Project Description

Sewer replacement and possible separation on Pearl Street between Fore Street and Cumberland Avenue.

Project Justification

Multiple segments of sewer pipe within Pearl Street between Fore Street and Cumberland Avenue have a high likelihood of failure and are deformed beyond the ability to rehabilitate. Other utility work and the installation of a storm drain be a part of this work and could be part of the planned transportation work for the intersection of Pearl Street and Fore Street.

This work could also be a phased project split across Congress Street.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
\$200,000		\$2,000,000		\$2,200,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$200,000	\$200,000		☒
2021		\$2,000,000			☐
2022					☐
2023					☐
2024					☐
Total		\$2,200,000	\$200,000		

Other Funding Source Description

Need to determine a better idea of costs.

Operating Budget Impact

Project Title

ID 205633

Request Year 2020

Riverton Drive Culvert Replacement

Water Resources

Division

Stormwater

Classification

Stormwater

Project Description

Replace the existing Riverton Culverts. Twin 54" CMP pipes.

Project Justification

Culverts are collapsing and the street is the only way in and out of the development.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		\$1,050,000		\$1,050,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020	\$150,000	\$900,000	\$900,000		☒
2021					☐
2022					☐
2023					☐
2024					☐
Total	\$150,000	\$900,000	\$900,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 141794 Request Year 2020

Stormwater Infrastructure Improvements

Water Resources

Division Stormwater

Classification Stormwater

Project Description

Design and construction of added storm drainage piping, catch basins and other improvements addressing street and property flooding 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 deficiencies 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 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
		\$3,622,000		\$3,622,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2024		\$500,000			☐
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		☒
2021		\$500,000			☐
2022		\$500,000			☐
2023		\$500,000			☐
Total		\$3,622,000	\$1,622,000		

Other Funding Source Description

Operating Budget Impact

Project Title ID 194901 Request Year 2020

Non SRF Sewer / Storm Consulting 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-technical, etc.

Project Justification

Due to the cities current procurement procedures some services are not SRF eligible. This would be used to cover those services.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
\$2,500,000				\$2,500,000

Funding Request

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2020		\$500,000	\$500,000		☒
2021		\$500,000			☐
2022		\$500,000			☐
2023		\$500,000			☐
2024		\$500,000			☐
Total		\$2,500,000	\$500,000		

Other Funding Source Description

Operating Budget Impact

ETHAN K. STRIMLING (MAYOR)
BELINDA S. RAY (1)
SPENCER R. THIBODEAU (2)
BRIAN E. BATSON (3)
JUSTIN COSTA (4)

**CITY OF PORTLAND
IN THE CITY COUNCIL**

KIMBERLY COOK (5)
JILL C. DUSON (A/L)
PIOUS ALI (A/L)
NICHOLAS M. MAVODONES, JR (A/L)

**ORDER APPROPRIATING BOND PROCEEDS AND UNASSIGNED FUND BALANCE IN
AN AMOUNT NOT TO EXCEED \$42,100,000 FOR
THE CITY'S FISCAL YEAR 2020 CAPITAL IMPROVEMENT PROGRAM**

IT IS HEREBY ORDERED THAT:

1. The sum of \$42,100,000 be and hereby is appropriated to finance the projects more particularly described in the project list for the City's 2020 Capital Improvement Program attached hereto as Exhibit A (the "2020 CIP Projects"), as follows:
 - a. Subject to paragraph 2 and 3 below, an amount not to exceed \$40,100,000 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 2020 CIP Projects; and
 - b. An amount not to exceed \$2,000,000 is appropriated from the City's Unassigned Fund Balance to finance a portion of the costs of a Citywide property revaluation and certain other vehicles, equipment and improvements included in the 2020 CIP Projects, as listed on Exhibit A;
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 2020 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 funds appropriated from the Unassigned Fund Balance Funds therefore to any other project listed on the 2020 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.

ETHAN K. STRIMLING (MAYOR)
BELINDA S. RAY (1)
SPENCER R. THIBODEAU (2)
BRIAN E. BATSON (3)
JUSTIN COSTA (4)

**CITY OF PORTLAND
IN THE CITY COUNCIL**

KIMBERLY COOK (5)
JILL C. DUSON (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 2020 CAPITAL
IMPROVEMENT PROGRAM IN AN AMOUNT NOT TO EXCEED \$40,100,000**

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 Forty Million One-Hundred Thousand Dollars (\$40,100,000) to finance the items identified in the City's 2020 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 **\$40,100,000** (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 (CWSRF) program established under 30-A M.R.S.A. §6006-A and administered by the Department of Environmental Protection, 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 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.

FY20 CIP - General Fund

		CIP Amount	Bonded Amount	Other Funding
Equipment				
Health & Human Services - Barron Center	Replace Patient Call System Phase III	\$ 142,600	\$ 142,600	\$ -
Information Technology	Upgrade Network switches	150,000	150,000	-
Parking / Garages	Parking Meters Replacement	185,000	185,000	-
Parking / Garages	Multi space parking meters	15,000	15,000	-
Parks, Rec & Public Assembly	Walk Through Metal Detectors	55,000	55,000	-
Police Department	Records Management System	250,000	250,000	-
Public Buildings & Waterfront	State of Maine Room & Customer Service Areas A/C Installation - City Hall	200,000	200,000	-
Public Buildings & Waterfront	Passenger Elevator Modernization - City Hall	300,000	300,000	-
School Department	PATHS/CBHS Technology/Network Upgrade	200,000	-	200,000
Equipment Total		\$ 1,497,600	\$ 1,297,600	\$ 200,000
Facilities				
<i>Buildings / Garages</i>				
Fire Department	Fire Station Rehabilitation (Various Stations)	\$ 300,000	\$ 300,000	\$ -
Fire Department	Bramhall - Sprinkler System Feed	160,000	160,000	-
Health & Human Services - Barron Center	Generator Replacement-Phase II-Life Safety & Internal Wiring	170,000	170,000	-
Health & Human Services - Barron Center	BCI Basement Kitchen & Receiving Renovations	104,250	104,250	-
Library	Lower Level Flooring / Carpeting	35,000	35,000	-
Parking / Garages	Spring St Garage Steel Beam repairs	290,000	290,000	-
Parking / Garages	Temple St Garage Façade	700,000	700,000	-
Parks, Rec & Public Assembly	Reconstruction of Cart Path for ADA Access - Riverside Golf	50,000	50,000	-
Parks, Rec & Public Assembly	Flooring, Sound System and Rear Entryway - PIA	90,000	90,000	-
Public Buildings & Waterfront	Expo Exterior Masonry North Wall	200,000	200,000	-
Public Buildings & Waterfront	Fort Allen Gazebo	25,000	25,000	-
Public Buildings & Waterfront	Roof Replacement Exposition Building	50,000	50,000	-
Public Works	Ocean Avenue Landfill	300,000	300,000	-
<i>School Facilities</i>				
School Department	DHS Kitchen remodel	200,000	-	200,000
School Department	Pave multiple campuses	250,000	250,000	-
School Department	Replace retaining wall and iron railings	325,500	325,500	-
School Department	PATHS/CBS Replace windows	430,000	430,000	-
School Department	PIES Interior renovations	250,000	250,000	-
School Department	DHS Replace Windows	405,000	405,000	-
School Department	PHS Replace Windows	75,000	75,000	-
School Department	DHS Replace Air Handling Units	355,000	355,000	-
School Department	Riverton Replace A/C	660,000	60,000	600,000
School Department	Door access controls - DHS, PHS, and PATHS	115,000	115,000	-
<i>Marine</i>				
Public Buildings & Waterfront	Waterfront Fender System (POT)	1,050,000	1,050,000	-
Public Buildings & Waterfront	Compass Park Ongoing pile/pier work	100,000	100,000	-
Public Works	Stoudwater Dam	50,000	50,000	-
Public Buildings & Waterfront	Bollard / Bit Replacement (piers)	100,000	100,000	-
Facilities Total		\$ 6,839,750	\$ 6,039,750	\$ 800,000
Parks, Fields, Trails				
Parks, Rec & Public Assembly	Riverton Playground Replacement	\$ 250,000	\$ 250,000	\$ -
Parks, Rec & Public Assembly	Riverton Softball Drainage and Erosion Issues	65,000	65,000	-
Parks, Rec & Public Assembly	Dougherty Athletic Field	200,000	200,000	-
Parks, Rec & Public Assembly	Park Walkways and Road Paving	100,000	100,000	-
Parks, Rec & Public Assembly	Eastern Prom, Lyman Moore, Riverton Tennis/Basketball Courts Sealing/Painting	50,000	50,000	-
Parks, Fields, Trails Total		\$ 665,000	\$ 665,000	\$ -
Transportation				
Public Works	Sidewalk Rehabilitation/Accessibility	\$ 525,000	\$ 525,000	\$ -
Planning & Urban Development	West Commercial Street Pathway - Phases II and III	50,000	50,000	-
Planning & Urban Development	Neighborhood Byway Network Implementation	120,000	120,000	-
Public Works	CSO Compliance - SRF Ineligibles	500,000	500,000	-
Public Works	PACTS Collector Paving - Cumberland Avenue	249,000	249,000	-
Public Works	PACTS Collector Paving - Danforth Street	103,000	103,000	-
Public Works	India Street CPR and ADA Improvements	396,000	396,000	-
Public Works	PACTS MPI Brighton Ave. (Holm to Westbrook)	180,750	180,750	-
Public Works	PACTS Washington Avenue Road & Signals	50,000	50,000	-
Public Works	Congress Square Intersection Construction	150,000	150,000	-
Public Works	Pavement Preservation Program	1,800,000	800,000	1,000,000
Public Works	Traffic Signal Upgrades with Paving Programs	100,000	100,000	-
Public Works	PACTS RTMS - Traffic Signal Communications Systems	200,000	200,000	-
Public Works	Street Rehabilitation Program	250,000	250,000	-

Public Works	GDI to LDI Passageway	235,000	235,000	-
Public Works	Washington Avenue Rehabilitation (Cumberland to E. Prom)	50,000	50,000	-
Public Works	Rehabilitation of Cobblestone / Paver Streets	100,000	100,000	-
Public Works	Monument Way & Square Rehabilitation	100,000	100,000	-
Public Works	Arterial Street Ped Crossings	50,000	50,000	-
Public Works	Separated Bike Lanes	100,000	100,000	-
Public Works	Peaks Island Parking Lot	50,000	50,000	-
Public Works	Franklin Street Design Completion and Construction	200,000	200,000	-
Public Works	Traffic Signals Upgrade Program	400,000	400,000	-
Transportation Total		\$ 5,958,750	\$ 4,958,750	\$ 1,000,000
<u>Vehicles</u>				
Parks, Rec & Public Assembly	Twelve Passenger Van with Handicapped Lift	\$ 65,000	\$ 65,000	\$ -
Vehicle Maintenance	Add Steam Weed Removal Machine - DPW Districting	25,000	25,000	-
School Department	Replace one van and two ADA buses	234,900	234,900	-
Vehicle Maintenance	0272 Squad 301 Heavy Rescue PFD Fire	68,000	68,000	-
Vehicle Maintenance	0284 Engine 311 Replacment PFD Fire - Ocean Ave Station	750,000	750,000	-
Vehicle Maintenance	4057 - Rear Load Packer, Replace with Automated - DPW Solid Waste	325,000	325,000	-
Vehicle Maintenance	4052 - Rear Load Packer DPW Solid Waste	250,000	250,000	-
Vehicle Maintenance	2501 1 Ton Wrecker Replacement - DPW Fleet	100,000	100,000	-
Vehicle Maintenance	5097 Pulp Loader Replacement - Forestry - PRF	250,000	250,000	-
Vehicle Maintenance	Replace Patrol Vehicles PD Patrol (7 total including 2 hybrids)	280,000	280,000	-
Vehicle Maintenance	Plow Loader - DPW Winter	160,000	160,000	-
Vehicle Maintenance	3096 TA Dump Truck Wheeler Plow Replacement - Districting - DPW	215,000	215,000	-
Vehicle Maintenance	0931 Rechassis Medcu Ambulance PFD Medcu	150,000	150,000	-
Vehicle Maintenance	8104 Sidewalk Tractor DPW PDD	150,000	150,000	-
Vehicle Maintenance	8107 Sidewalk Tractor DPW PDD	150,000	150,000	-
Vehicle Maintenance	3121 1 Ton Dump Truck Replacement - Cemeteries - PRF	65,000	65,000	-
Vehicle Maintenance	0224 Command Car PFD Fire	40,000	40,000	-
Vehicle Maintenance	2185 3/4 ton pickup - PRF Ballfields	40,000	40,000	-
Vehicle Maintenance	3104 1 Ton PRF Ballfields	65,000	65,000	-
Vehicle Maintenance	3103 1 Ton Dump Truck Replacement - Parks - PRF	65,000	65,000	-
Vehicle Maintenance	3105 1 Ton Dump Truck Replacement - Districting - DPW	70,000	70,000	-
Vehicle Maintenance	Add Sanders to 2 DPW F550s for Winter - DPW	15,000	15,000	-
Vehicle Maintenance	0247 1/2 Ton Pickup w/ Liftgate PRF PAF	35,000	35,000	-
Vehicle Maintenance	0041 - Replace Taurus w/ Used SUV - DPW	20,000	20,000	-
Vehicle Maintenance	Pickup Truck Funding - DPW	100,000	100,000	-
Vehicle Maintenance	Purchase (2) Used Utility Vans - PRF Trades	36,000	36,000	-
Vehicle Maintenance	Replace Crown Vic w/ Used SUV PRF Parks Manager	20,000	20,000	-
Vehicle Maintenance	0186 Animal Control Officer Van Replacement - Police	35,000	35,000	-
Vehicle Maintenance	0140 Rechassis Arrest Truck PD Patrol - Police	40,000	40,000	-
Vehicle Maintenance	Smithco Turf RakeReplacement - Cemeteries 1046 - PRF	40,000	40,000	-
Vehicle Maintenance	Replace Fairway Mower(s) PRF Golf	60,000	60,000	-
Vehicles Total		\$ 3,918,900	\$ 3,918,900	\$ -
Public Art		60,000	60,000	-
Land Bank		60,000	60,000	-
Sub-Total FY20 CIP (General Fund)		\$ 19,000,000	\$ 17,000,000	\$ 2,000,000
<u>FY19 CIP - Sewer Fund</u>				
<u>Sewer / Stormwater</u>				
Vehicle Maintenance	3202 Dump Truck Replacement -DPW	\$ 210,000	\$ 210,000	\$ -
	5015 Toolcat DPW Water Resources	70,000	70,000	-
	Add 4x4 1/2 Ton Crew Cab DPW Water Res	30,000	30,000	-
Stormwater	Sagamore Village Green Infrastructure Project	40,000	40,000	-
	Thames St Stormwater Outfall	950,000	950,000	-
	Riverton Drive Culvert Replacement	900,000	900,000	-
	Stormwater Infrastructure Improvements	750,000	750,000	-
Wastewater	CWSRF - Back Cove South Storage Facility	3,500,000	3,500,000	-
	CWSRF - Mackworth Street and Ocean Avenue Sewer Separation Project	6,000,000	6,000,000	-
	CWSRF - Preble & Somerset St Sewer Separation	4,800,000	4,800,000	-
	CMOM - Pump Station Rehabilitation	2,000,000	2,000,000	-
	CMOM - Sewer System Renewal	1,100,000	1,100,000	-
	CSO - Close CSO #42	250,000	250,000	-
	PACTS USM Roundabout Sewer Separation	500,000	500,000	-
	Monument Way & Square Sewer / Storm	100,000	100,000	-
	Integrated Planning LTCP and Post Construction Monitoring Program	1,100,000	1,100,000	-
	Fore Street Sewer Separation	100,000	100,000	-
	Pearl Street Sewer Replacement	200,000	200,000	-
	Non SRF Sewer / Storm Consulting Services	500,000	500,000	-
Total Sewer / Stormwater Total (Sewer Fund)		\$ 23,100,000	\$ 23,100,000	\$ -
TOTAL CIP (General Fund & Sewer Fund)		\$ 42,100,000	\$ 40,100,000	\$ 2,000,000