City of Portland, Maine

Finance Committee Meeting Agenda

Thursday, February 22nd, 2018

5:30PM - Room 209

1. Finance Committee Meeting Agenda

   Documents:

   FINANCE COMMITTEE AGENDA 2-22-18.PDF

   1.I. Finance Committee Meeting Back-Up

   Documents:

   ATTACHMENT A - FY19 - FY23 GENERAL FUND CIP.PDF

   1.II. Finance Committee Meeting Back-Up

   Documents:

   ATTACHMENT B - FY19-FY23 GENERAL FUND CIP PROJECT DESCRIPTIONS.PDF

   1.III. Finance Committee Meeting Back-Up

   Documents:

   FY19-FY23 CM RECOMMENDED CIP OVERVIEW 2-22 FC.PDF

City of Portland, Maine
Finance Committee Meeting Agenda
Thursday, February 22nd, 2018
5:30PM - Room 209

1. **Introductions**

2. **FY19 – FY23 Capital Improvement Plan – General Fund**
   a. **Overview from Finance Director (Existing & projected debt service, target borrowing size)**
   b. **City Manager Recommended Capital Improvement Plan – General Fund (Attachment A)**
   c. **Requests for Information**

3. **Future Meeting Dates / Topics**

   a. **CIP - Thursday, March 8th, 2018 – FY19 – FY23 Capital Improvement Plan**
      i. **Follow up from 2/22 Meeting**
      ii. **Presentation of Sewer/Stormwater Recommended Projects**

   b. **Thursday, March 22nd – Joint City/School Finance Committee Meeting**
      i. **Follow up from 2/29 Meeting - Public Hearing**
      ii. **Presentation of PPS FY19 Budget**

   c. **Thursday, April 5th – Joint City/School Finance Committee Meeting**
   d. **Thursday, April 12th – Finance Committee Meeting**
   e. **Thursday, April 26th – Finance Committee Meeting**
   f. **Thursday, May 3rd – Finance Committee Meeting (if necessary)**

4. **Adjournment**

City of Portland, Maine - Finance Committee Backup Materials - 2/22/18
FY19 through FY23 General Fund Capital Improvement Plan
FY19 projects/amounts represent City Manager Recommendation
FY20-FY23 projects/amounts represent total Department requests
Sewer/Stormwater Fund CIP will be presented separately

Classification	Department	Division	ProjectTitle	2019	2020	2021	2022	2023
HEALTH AND HUMAN SERVICES								
Facilities	Barron Center	Environmental Se	Generator Replacement	430,000				
Facilities	Barron Center	Nutrition and Sup	Expansion of walk in cooler and freezer FY19	90,628				
Equipment	Barron Center	Environmental Se	Air Conditioning		115,482			
Equipment	Barron Center	Nursing	Replace Patient Call System Phase II	48,000				
Equipment	Barron Center	Environmental Se	Domestic Hot Water Heaters	46,400				
FIRE DEPARTMENT								
Facilities	Fire Department	Special Services	Fire Station Rehabilitation and Upgrades	100,000		2,500,000		
Facilities	Fire Department	Special Services	Hood System Continuation		80,000			
Facilities	Fire Department	Special Services	Building Design		200,000			
INFORMATION TECHNOLOGY								
Information Techr	Information Technology		Virtualization, Storage and Redundancy Upgrades	100,000				
Equipment	Information Technology		Upgrade Network Switches	150,000				
Information Techr	Information Technology		Phone System Upgrade - Public Safety	100,000				
Facilities	Information Technology		Engineering Design Study - City Fiber Optic Utility		300,000			
Vehicles	Information Technology		Utility Van					
PARKING / GARAGES								
Facilities	Parking / Garages	Temple Street Ga	Temple St Garage Cond. Appraisal Rrs Concrete & S/W 1	290,000				
Facilities	Parking / Garages	Spring Street Gar	Spring St Garage Steel Beem repairs		325,000			
Facilities	Parking / Garages	Temple Street Ga	Temple St Garage Façade		500,000			
Stationary Equipn	Parking / Garages	Administration	Parking Meters Replacement		131,250	177,550	177,550	100,000
Facilities	Parking / Garages	Temple Street Ga	Temple St Parking Garage Cond. Appraisal Rprs Concrete & S/W 2		185,000			
Facilities	Parking / Garages	Spring Street Gar	Condition Appraisal repairs at Spring Street Garage					
Facilities	Parking / Garages	Elm Street Garag	Recaulking joints Elm St Garage			360,000		
Facilities	Parking / Garages	Temple Street Ga	Temple St Parking Garage Cond. Appraisal Repairs					
PARKS AND RECREATION								
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Memorial Field Artificial Turf Replacement	672,772				
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Dougherty Skate Park Expansion	50,000	190,000			
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Lincoln Park Fence - Competion	100,000				
Facilities	Parks, Rec & Pub	Golf Course	Continued Course Improvements at Riverside Golf Course	50,000				
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Portland Landing - Design and Permitting					
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Dougherty Field - Athletic Field Upgrades, Parking		350,000			
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Riverton Playground		250,000			
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Payson Softball Field - Replace Lights		250,000			
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Riverton Softball Drainage and Erosion Issues		65,000			
Parks, Fields, Tra	Parks, Rec & Pub	Recreation	Replace Gym Floor at Riverton		200,000			
Parks, Fields, Tra	Parks, Rec & Pub	Administration	Repair Fence at Ocean Avenue Dog Park		28,000			
Equipment	Parks, Rec & Pub	Golf Course	Winter Grooming Machine		30,000			

Classification	Department	Division	ProjectTitle	2019	2020	2021	2022	2023
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Deering High Additional Field Upgrades		275,000			
Facilities	Parks, Rec & Pub	Recreation	Ice Arena - Sidewalk replacement and addition parking spaces		87,200			
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Deering Oaks Baseball Lights		350,000			
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Deering Oaks Infield Upgrades		75,000			
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Fitzpatrick Paving and ADA Improvements		235,000			
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Fitzpatrick Stadium Entrance Upgrades			75,000		
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Fox St Irrigation Replacement				50,000	
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Memorial Field Scoreboard Drainage and Landscaping		60,000			
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Riverton Softball Lighting Replacement				275,000	
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Evergreen Driveway Drainage		620,580			
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Evergreen Repaving Roads				250,000	
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Nasons Corner Community Garden				25,000	
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Payson Park Community Garden--Expansion		25,000			
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Deering Oaks Tennis Court Lights--Replace			350,000		
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Eastern Prom Tennis and Basketball Court Resurface				50,000	
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Fox St Basketball Resurface			30,000		
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Longfellow Basketball Drainage			275,000		
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Longfellow Basketball Resurface				75,000	
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Payson Tennis and Basketball Court Resurface			50,000		
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Reiche Basketball Resurface			30,000		
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Riverton Tennis Court Resurface		50,000			
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Deering Oaks Ravine Rehab			475,000		
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Deering Oaks Sidewalks and Curbing--Kings Cross Rd				450,000	
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Deering Oaks Sidewalks--walking paths around pond				150,000	
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Martins Point Access Improvements				150,000	
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Payson Park Parking and Curbing Construction				250,000	
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Picnic Pavillions				150,000	
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Riverton Trolley Park Trails, Water Access			75,000		
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Dougherty Playground		175,000			
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Longfellow Playground			250,000		
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Deering Oaks Ravine Wading Pool			250,000		
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Stone Street Playground--Upgrade and Splashpad Erosion Issues		225,000			
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Tate Tyng Playground				150,000	
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Back Cove Guard Rail		100,000			
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Sensory Trail			50,000		
Facilities	Parks, Rec & Pub	Ice Arena	Rubber Flooring		80,000			
Facilities	Parks, Rec & Pub	Golf Course	Cart Shed Upgrades		50,000			
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Evergreen Columbarium: Phase II and III		52,000			
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Harborview Park Community Garden			30,000		
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Valley Street Basketball Reconstruction			65,000		
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Lyseth Playground		250,000			
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Payson B Softball Drainage and Irrigation			110,000		
Facilities	Parks, Rec & Pub	Golf Course	ADA Accessible Path at Riverside Golf Course		225,000			
Parks, Fields, Tra	Parks, Rec & Pub	Parks	Fort Gorges		209,000			
PLANNING AND URBAN DEVELOPMENT								
Transportation	Planning & Urban	Planning	Congress Square Intersection Redesign	15,000	250,000	500,000	2,500,000	
Transportation	Planning & Urban	Transportation	Neighborhood Byway Network Implementation	100,000	120,000	120,000	120,000	120,000
Transportation	Planning & Urban	Transportation	West Commercial Street Pathway - Phases II and III		305,000			
Transportation	Planning & Urban	Transportation	East Coast Greenway Baxter Blvd/Back Cove to Martins Point		100,000	75,000		
Transportation	Planning & Urban	Transportation	Parkside to Libbytown Pathway		300,000	300,000		
Streets/Sidewalks	Planning & Urban	Historic Preservat	Stairs and Improvements on Plum Street Alley		105,000			

Classification	Department	Division	ProjectTitle	2019	2020	2021	2022	2023
POLICE DEPARTMENT								
Full Body Camera	Police Departmen	Uniformd Ops Gr	Patrol Full Body Cameras	400,000				
Equipment	Police Departmen	Operations Supp	Records Management System / Computer Aided Dispatch	600,000	900,000			
FACILITIES - PUBLIC BUILDINGS								
Facilities	Public Buildings	Other Public Buil	Sanitation office / Crew Space	200,000				
Equipment	Public Buildings	City Hall	Elevator					
Equipment	Public Buildings	City Hall	A/C Installation		200,000	200,000	200,000	
Equipment	Public Buildings	Public Safety	109 Middle Street - Replace Boiler #2	40,000				
Facilities	Public Buildings	Public Safety	Replace Concrete Steps/Railings at Main Entrance		100,000			
Equipment	Public Buildings	Hadlock Field	Hadlock LED Lighting Upgrades	550,000				
Facilities	Public Buildings	Hadlock Field	Skybox Structural Concrete/Steel Replacement		100,000	100,000		
Equipment	Public Buildings	Public Safety	HVAC Replacement Dispatch Area		75,000			
Facilities	Public Buildings	Exposition Buildin	Exterior Masonry North Wall		250,000	150,000		
Equipment	Public Buildings	Other Public Buil	Observatory Flagpole and Lightning Protection Replacement	45,000				
Facilities	Public Buildings	Canco Rd	250 Canco Road Masonry Maintenance					
Facilities	Public Buildings	Exposition Buildin	Emergency Egress at Exposition Building		210,000			
Facilities	Public Buildings	City Hall	Clock Tower Mortar Repairs		250,000	250,000		
Sidewalks	Public Buildings	Exposition Buildin	Sidewalks at Exposition Building Entrance		160,000			
Facilities	Public Buildings	Other Public Buil	Forest City Cemetery Masonry / Roof Repairs		200,000			
Facilities	Library	Library	Repair Main Level Concrete Floors		25,000			
Facilities	Library	Library	Repair Roof over Executive Director's Office		20,000			
Café relocation/	Public Buildings	City Hall	Café Relocation/Breakroom.		250,000			
Equipment	Public Buildings	City Hall	Mechanical Assist Mobile Storage for Planning		80,000			
Facilities	Public Buildings	City Hall	Archivist		200,000			
Facilities	Public Buildings	Other Public Buil	North Course Clubhouse					
Facilities	Public Buildings	City Hall	Copper Roof Rehab/Replacement				1,000,000	1,000,000
Facilities	Public Buildings	City Hall	Passenger Elevator at City Hall					
Equipment	Public Buildings	City Hall	Portable 3 Phase Generator			100,000		
Facilities	Public Buildings	City Hall	Replace sewer main in tunnel			100,000		
Facilities	Public Buildings	City Hall	Roof Replacement Engineering				180,000	
Facilities	Public Buildings	Exposition Buildin	Roof Replacement Exposition Building		50,000	600,000		
Facilities	Public Buildings	Exposition Buildin	Concession Stand Renovation		250,000			
Facilities	Public Buildings	Exposition Buildin	Replace Arena Air Handlers			40,000		
Equipment	Public Buildings	Exposition Buildin	A/C Arena Area				200,000	
Facilities	Public Buildings	Hadlock Field	Hadlock Concourse Stair Stringers			100,000		
Facilities	Public Buildings	Hadlock Field	Structural Repairs/Door Frame replacement - Hadlock		190,000			
Facilities	Public Buildings	Hadlock Field	Roof Overlay		125,000			
Facilities	Public Buildings	Hadlock Field	Metal Siding Replacement			60,000		
Facilities	Public Buildings	Merrill Auditorium	Replace exterior doors and windows					300,000
Facilities	Public Buildings	Merrill Auditorium	Lobby/Concession Flooring			150,000		
Facilities	Public Buildings	Merrill Auditorium	Roof Replacement				500,000	
Facilities	Public Buildings	Merrill Auditorium	Stage Floor Replacement					80,000
Facilities	Public Buildings	Other Public Buil	Deering Oaks Restroom Facility			300,000		
Facilities	Public Buildings	Other Public Buil	90 Anderson St - Upgrades				250,000	
Facilities	Public Buildings	Other Public Buil	90 Anderon St Upgrades			250,000		
Facilities	Public Buildings	Canco Rd	250 Canco Rd Roof Eng/Replacement		70,000		700,000	
Facilities	Public Buildings	Canco Rd	212 Canco Road Driveway Overlay		120,000			
Facilities	Public Buildings	Canco Rd	250 Canco Road Fleet Addition					
Facilities	Public Buildings	Canco Rd	250 Canco Road Salt Shed					
Facilities	Public Buildings	Other Public Buil	Observatory - Painting and Other Maintenance		50,000			

Classification	Department	Division	ProjectTitle	2019	2020	2021	2022	2023
Facilities	Public Buildings	Public Safety	Window Replacement		450,000			
Facilities	Public Buildings	Public Safety	Repoint/Waterproof Building Exterior					300,000
Facilities	Public Buildings	Public Safety	Brick Plaza Replacement			300,000		
Facilities	Public Buildings	Other Public Builc	Mortar Repointing at 55 Portland St				150,000	
Facilities	Public Buildings	City Hall	Café relocation/Breakroom		75,000			
Facilities	Public Buildings	City Hall	Add Sprinkler System			300,000		
Facilities	Public Buildings	Public Safety	Master Plan				300,000	
Facilities	Public Buildings	Exposition Buildin	Retaining Wall			90,000		
Equipment	Public Buildings		Generator		25,000			
Facilities	Public Buildings	Merrill Auditorium	Exterior Masonry Repairs			50,000		
Facilities	Public Buildings	Merrill Auditorium	Carpet Replacement				200,000	
Facilities	Public Buildings	Other Public Builc	Fort Allen Gazebo		25,000			
Equipment	Public Buildings	Canco Rd	Generator		250,000			
Equipment	Public Buildings	Merrill Auditorium	Heat Piping replacement		100,000			
FACILITIES - MARINE/WATERFRO								
Facilities	Waterfront	Waterfront	Portland Ocean Terminal Utility Upgrades	500,000				
Marine	Waterfront	Waterfront	On going pile/pier work at Ocean Gateway and Portland Ocean Terminal	150,000	225,000	225,000	225,000	225,000
Marine	Waterfront	Waterfront	Replace Ocean Gateway Plaza Sidewalk	100,000				
Marine	Waterfront	Waterfront	Compass Park Ongoing pile/pier work		100,000			
Facilities	Waterfront	Waterfront	Receiving Bidg Renovation		100,000			
Marine	Waterfront	Waterfront	POT - Pile engineering Survey		100,000			
Marine (i.e., piers	Waterfront	Waterfront	Bollard/ Bit Replacement		100,000	100,000		100,000
Marine (i.e., piers	Waterfront	Waterfront	Capstans at Portland Ocean Terminal					80,000
Marine	Waterfront	Waterfront	Mega Berth Terminal Structual Painting			100,000		
Marine	Waterfront	Waterfront	POT Rail Removal			100,000		100,000
Facilities	Waterfront	Waterfront	Pile Jackets - Ocean Gateway		225,000		225,000	
Marine	Waterfront	Waterfront	Waterfront Fender Systems		1,250,000			
Marine (i.e., piers	Waterfront	Waterfront	Floats at Cushing, Maine State Pier, East End Beach, Peaks		100,000		100,000	
Streets/Sidewalks	Waterfront	Waterfront	Great Diamond Island Boardwalk		565,000			
Marine	Waterfront	Waterfront	Peaks Govt Dock		365,000			
PUBLIC WORKS								
Streets/Sidewalks	Public Works	Engineering	Woodford's Corner Project - Supplemental Funding	878,241				
Streets/Sidewalks	Public Works	Engineering	MPI DOT Paving - Washgtn Ave(Ocean - Allen)	550,000				
Streets/Sidewalks	Public Works	Engineering	MPI PACTS Paving - Allen Avenue (Yale-Pennell)	203,400				
Streets/Sidewalks	Public Works	Engineering	PACTS Collector Paving - Allen Avenue	106,250				
Streets/Sidewalks	Public Works	Traffic	PACTS Washington Avenue Road & Signals	150,000	390,500			
Streets/Sidewalks	Public Works	Engineering	CPR Paving - Park Avenue	83,000				
Streets/Sidewalks	Public Works	Engineering	CPR Paving - Valley St (entire)	72,400				
Marine	Public Works	Solid Waste	Ocean Avenue Landfill Remediation and Pre-Solar Array Work	250,000	250,000			
Streets/Sidewalks	Public Works	Engineering	Pavement Preservation Program	750,000	3,800,000	3,800,000	3,800,000	3,800,000
Sidewalks	Public Works	Engineering	Sidewalk Rehabilitation/Accessibility	500,000	750,000	750,000	750,000	750,000
Equipment	Public Works	Traffic	Traffic Signal Upgrades with Paving Programs	500,000	150,000	150,000	150,000	200,000
Streets/Sidewalks	Public Works	Engineering	Somerset Street Project		450,000			
Stationary Equipn	Public Works	Sewer	Traffic Signals Upgrade Program	500,000	600,000	600,000	600,000	600,000
Streets/Sidewalks	Public Works	Engineering	CSO Compliance - SRF Ineligibles	600,000	2,000,000	2,000,000	2,000,000	2,000,000
Streets/Sidewalks	Public Works	Engineering	Franklin Street Design Completion and Construction	250,000	4,300,000		250,000	2,500,000
Streets/Sidewalks	Public Works	Engineering	Marginal Way Upgrades		750,000			
Equipment	Public Works	Engineering	Engineering Archives		210,000	210,000		
Streets/Sidewalks	Public Works	Engineering	PACTS USM Roundabout	100,000				
Streets/Sidewalks	Public Works	Engineering	Street Rehabilitation Program	250,000	2,800,000	2,800,000	2,800,000	2,800,000

Classification	Department	Division	ProjectTitle	2019	2020	2021	2022	2023
Stationary Equipn	Public Works	Traffic	PACTS RTMS - Traffic Signals	270,000	250,000	250,000	250,000	275,000
Transportation	Public Works	Engineering	Congress Square Intersection Construction		600,000			
Streets/Sidewalks	Public Works	Engineering	Arterial Street Ped Crossings	100,000	125,000	150,000	150,000	175,000
Facilities	Public Works	Island Services	Cliff Island Public Works Facility		50,000	300,000		
Streets/Sidewalks	Public Works		Andrew Square Rehabilitation	100,000				
Streets/Sidewalks	Public Works	Engineering	Park Ave Protected Bike Lanes	100,000				
Streets/Sidewalks	Public Works	Traffic	RR Quiet Zone Compliance Program	25,000	100,000	100,000	100,000	100,000
Streets/Sidewalks	Public Works	Engineering	MPI DOT Paving Stevens Avenue		275,000			
Streets/Sidewalks	Public Works	Engineering	Washington Avenue Rehabilitation (Cumberland to E. Prom)		200,000	2,200,000		
Streets/Sidewalks	Public Works	Engineering	PACTS Collector Paving - Danforth Street		67,000			
Streets/Sidewalks	Public Works	Engineering	PACTS Collector Paving - Cumberland Avenue		145,000			
Streets/Sidewalks	Public Works	Engineering	PACTS Collector Paving - Washington Avenue		57,100			
Streets/Sidewalks	Public Works	Engineering	PACTS TIP Paving (Multiple Locations) - 25% Local Match		750,000		750,000	
Streets/Sidewalks	Public Works	Engineering	MPI & CPR Paving Programs		450,000	450,000	450,000	450,000
Streets/Sidewalks	Public Works	Engineering	Thames Street Extension					
Streets/Sidewalks	Public Works	Engineering	PACTS Local Match for Future Awards		500,000	500,000	500,000	500,000
Streets/Sidewalks	Public Works	Engineering	Morrills Corner (State Route 302 and 100)		105,000			
Streets/Sidewalks	Public Works	Engineering	Forest Avenue from Bedford Street to Arlington Street		105,000			
School Department								
Facilities	School Departme	School Maintenar	DHS - Fire Sprinkler System Installation	1,255,130				
Facilities	School Departme	School Maintenar	Lincoln ADA accessibility and secure entry vestibule	712,126				
Facilities	School Departme	School HVAC	King - Boiler Replacement	500,000				
Facilities	School Departme	School Maintenar	District ADA compliance upgrades	338,198				
Equipment	School Departme	Administration	District Phone System	335,000				
Facilities	School Departme	School Maintenar	Moore - Fire Alarm System Replacement - Engineering and Installation	270,000				
Facilities	School Departme	School Maintenar	King - Fire Alarm System Replacement - engineering and installation	270,000				
Facilities	School Departme	School Maintenar	PHS - Roof Replacement - Engineering	130,000	1,730,000			
Vehicles	School Departme	Transportation	School Bus Replacements	97,000			508,065	
Facilities	School Departme	School HVAC	Energy Management Control Upgrades	50,000				
Facilities	School Departme	School Maintenar	DHS Kitchen Remodel/Upgrade	50,000	200,000			
Equipment	School Departme	School HVAC	DHS - Air Handling Units		100,000			
Facilities	School Departme	School HVAC	Riverton - A/C		50,000			
Facilities	School Departme	School HVAC	Lincoln - HVAC Rooftop Units			100,000		
Facilities	School Departme	School HVAC	DHS - A/C in Front Office			45,000		
Facilities	School Departme	School HVAC	District Office Boiler Replacement		310,000			
Facilities	School Departme	School HVAC	PHS - HVAC Rooftop Units			150,000		
Facilities	School Departme	School HVAC	King - HVAC Rooftop Units				100,000	
Facilities	School Departme	School HVAC	PATHS - HVAC Rooftop Units				100,000	
Facilities	School Departme	School HVAC	Lyman Moore - HVAC Rooftop Units				200,000	
Facilities	School Departme	School HVAC	PATHS Boiler Replacement			510,000		
FLEET MAINTENANCE								
Vehicles	Vehicle Maintena	Public Works	Trash and Recycling Trucks	770,000	250,000	250,000	250,000	250,000
Vehicles	Vehicle Maintena	Recreation and F	3/4 Ton Pickup - PRF Ballfields - 2199	40,000				
Vehicles	Vehicle Maintena	Recreation and F	3/4 Ton Pickup - PRF Parks - 2202	40,000				
Vehicles	Vehicle Maintena	Recreation and F	3/4 Ton Pickup Replacement - Parks 2203	40,000				
Vehicles	Vehicle Maintena	Recreation and F	Wheel Loader Replacement - Trades 5006	135,000				
Vehicles	Vehicle Maintena	Fire Department	Ambulance Replacement		240,000	240,000	480,000	240,000
Vehicles	Vehicle Maintena	Public Works	Grader Replacement - Winter 5096	225,000				
Vehicles	Vehicle Maintena	Fire Department	Car 7 & Service Truck 2 Replacement - Fire	40,000				
Vehicles	Vehicle Maintena	Public Works	Loader DPS 5116	210,000				

Classification	Department	Division	ProjectTitle	2019	2020	2021	2022	2023
Vehicles	Vehicle Maintena	Public Works	TA Dump Truck Replacement - Districting 3096	210,000				
Vehicles	Vehicle Maintena	Police Departmen	Police Cruisers (7)) Replacement - Police	266,000	266,000	266,000	266,000	266,000
Vehicles	Vehicle Maintena	Public Works	1 Ton Dump Truck Replacement - Peaks 2508	70,000				
Vehicles	Vehicle Maintena	Public Works	SA Dump Truck Replacement - Peaks 3114	170,000				
Vehicles	Vehicle Maintena	Public Works	SA Dump Truck Replacement - Winter 3115	170,000				
Vehicles	Vehicle Maintena	Public Works	Compact Pickup DPW Engineers 2051	25,000				
Vehicles	Vehicle Maintena	Recreation and F	3/4 Ton Utility Van Replacement - Trades 2006	25,000				
Vehicles	Vehicle Maintena	Recreation and F	3/4 Ton Utility Van Replacement - Trades 2045	25,000				
Vehicles	Vehicle Maintena	Public Works	Replace Utility Truck - DPW Traffic 2515	62,000				
Vehicles	Vehicle Maintena	Public Works	Sidewalk Tractors Replacement		300,000	150,000	300,000	150,000
Vehicles	Vehicle Maintena	Recreation and F	Mower Hill Climber 10' Replacement - Parks 7158	60,000				
Vehicles	Vehicle Maintena	Recreation and F	1 Ton Dump Truck Replacement - Parks 3101	65,000				
Vehicles	Vehicle Maintena	Recreation and F	1 Ton Dump Truck Replacement - Parks 3103		65,000			
Vehicles	Vehicle Maintena	Public Works	1 Ton Wrecker Replacement - Fleet 2501		60,000			
Vehicles	Vehicle Maintena	Recreation and F	3/4 Ton Pickup - PRF - Rangers - 2037	38,000				
Vehicles	Vehicle Maintena	Recreation and F	Compact Pickup Replacement - PRF Ballfields	15,000				
Vehicles	Vehicle Maintena	Public Works	3/4 Ton Utility Van DPW Traffic 2019		25,000			
Vehicles	Vehicle Maintena	Public Works	SA Dump Truck Replacement - Winter 3109		170,000			
Vehicles	Vehicle Maintena	Public Works	Skidsteer Replacement - Winter 5106		50,000			
Vehicles	Vehicle Maintena	Human Resource	Compact Pickup - HR Safety - 2016		25,000			
Vehicles	Vehicle Maintena	Fire Department	Staff Car Replacement - Fire		40,000			
Vehicles	Vehicle Maintena	Public Works	3/4 Ton Pickup Replacement - DPW Traffic 2021		30,000			
Vehicles	Vehicle Maintena	Public Works	Backhoe Replacement - Districting 5031		95,000			
Vehicles	Vehicle Maintena	Public Works	Replace Peak's Backhoe 5115		95,000			
Vehicles	Vehicle Maintena	Public Works	Compact Pickup Replacement - PDD 2180		27,000			
Vehicles	Vehicle Maintena	Recreation and F	Electric Utility Vehicle - Parks / Cemeteries		20,000			
Vehicles	Vehicle Maintena	Parking / Garages	Parking Enforcement Truck Replacement - Parking 2023		27,000			
Vehicles	Vehicle Maintena	Permitting & Insp	Replace Crown Vic w/ EV - Inspections 1015		15,000			
Vehicles	Vehicle Maintena	Recreation and F	Pulp Loader Replacement - Forestry 5097		210,000			
Vehicles	Vehicle Maintena	Recreation and F	1 Ton Dump Truck Replacement - Parks 3117		65,000			
Vehicles	Vehicle Maintena	Recreation and F	1 Ton Dump Truck Replacement - Parks 3120		65,000			
Vehicles	Vehicle Maintena	Public Works	1 Ton Dump Truck Replacement - Districting 3105		70,000			
Vehicles	Vehicle Maintena	Public Works	1 Ton Dump Truck Replacement - Districting 3106		70,000			
Vehicles	Vehicle Maintena	Recreation and F	1 Ton Plow Truck - PRF Trades Waterfront - 3024		70,000			
Vehicles	Vehicle Maintena	Recreation and F	Track XUV Utility Vehicle - PRF Golf		30,000			
Vehicles	Vehicle Maintena	Recreation and F	1 Ton Dump Truck Replacement - Cemeteries 3119		65,000			
Vehicles	Vehicle Maintena	Recreation and F	1 Ton Dump Truck Replacement - Cemeteries 3121		65,000			
Vehicles	Vehicle Maintena	Recreation and F	3/4 Ton Pickup - PRF Cems 2186		38,000			
Vehicles	Vehicle Maintena	Recreation and F	Compact Wheeled Excavator - PRF Cems		85,000			
Vehicle - New (N	Vehicle Maintena	Recreation and F	Rec Bus w/ Wheel Chair Spots PRF Rec Seniors		65,000			
Vehicles	Vehicle Maintena	Police Departmen	Criminal Investigation Division Vehicles Replacement - Police		68,000	68,000	68,000	68,000
Vehicles	Vehicle Maintena	Barron Center	Replace 1 Ton Passenger Van - Barron Center -3901		40,000			
Vehicles	Vehicle Maintena	Parking / Garages	Parking Garage Truck - 2041		30,000			
Vehicles	Vehicle Maintena	Recreation and F	3/4 Ton Pickup Truck Replacement - Horticulture 2134		38,000			
Vehicles	Vehicle Maintena	Police Departmen	Replace Police Admin Vehicles Car 20		38,000			
Vehicle - New (N	Vehicle Maintena	Permitting & Insp	Purchase 4wd SUV - Permitting Inspections Director		30,000			
Vehicle - New (N	Vehicle Maintena	Social Services	Purchase Passenger Van - Oxford St Shelter		35,000			
Vehicles	Vehicle Maintena	Fire Department	Squad 301 Heavy Rescue		1,000,000			
Vehicles	Vehicle Maintena	Public Works	SA Dump Truck Replacement - Winter 3113		165,000			
Vehicles	Vehicle Maintena	Public Works	SA Dump Truck Replacement - Winter 3034		165,000			
Vehicles	Vehicle Maintena	Public Works	SA Dump Truck Replacement - Winter 3111		165,000			
Vehicles	Vehicle Maintena	Public Works	1 Ton Pickup Replacement - Districting 3002		52,000			

Classification	Department	Division	ProjectTitle	2019	2020	2021	2022	2023
Vehicles	Vehicle Maintena	Public Works	Dump Truck Replacement - Public Services 3201		205,000			
Vehicles	Vehicle Maintena	Public Works	Dump Truck Replacement - Public Services 3202		210,000			
Vehicles	Vehicle Maintena	Public Works	1 Ton Pickup Replacement - Peaks 3001		52,000			
Vehicles	Vehicle Maintena	Public Works	SA Dump Truck Replacement - Districting - 3126		165,000			
Vehicles	Vehicle Maintena	Public Works	Dump Truck Replacement - Winter 3130		165,000			
Vehicles	Vehicle Maintena	Public Works	Dump Truck Replacement - Public Services 3131		165,000			
Vehicles	Vehicle Maintena	Public Works	1 Ton Utility Truck Replacement - Traffic 2008		55,000			
Vehicles	Vehicle Maintena	Public Works	1 Ton Dump Truck Replacement - Districting 2502		52,000			
Vehicles	Vehicle Maintena	Recreation and F	1 Ton Crew Cab Pickup Replacement - Forestry 2503		40,000			
Vehicles	Vehicle Maintena	Recreation and F	Compact Pickup Replacement -Rec and Facilities 2002		25,000			
Vehicles	Vehicle Maintena	Public Works	3/4 Ton Truck Replacement - Construction 2000		35,000			
Vehicles	Vehicle Maintena	Public Works	3/4 Ton Pickup Replacement - Construction 2001		35,000			
Vehicles	Vehicle Maintena	Recreation and F	1 Ton Rack Truck Replacement - Forestry 2509		45,000			
Vehicles	Vehicle Maintena	Recreation and F	3/4 Ton Pickup Replacement - Parks 2024				38,000	
Vehicles	Vehicle Maintena	Public Works	1/2 Ton Pickup Replacement - Construction 2022		25,000			
Vehicles	Vehicle Maintena	Public Works	3/4 Ton Pickup - Peaks 2050		35,000			
Vehicles	Vehicle Maintena	Recreation and F	3/4 Ton Utility Truck Replacement - Playgrounds 2512			40,000		
Vehicles	Vehicle Maintena	Recreation and F	Mower 11' Replacement - Parks 7162		60,000			
Vehicles	Vehicle Maintena	Police Departmen	SRT & Hostage Negotiation Vehicle Replacement - Police		60,000			
Vehicles	Vehicle Maintena	Police Departmen	Animal Control Officer Van Replacement - Police		27,500			
Vehicles	Vehicle Maintena	Public Works	Pot Hole Patcher Replacement - Districting 5103		40,000			
Vehicles	Vehicle Maintena	Recreation and F	Mower 16' Replacement - Parks 7156		95,000			
Vehicles	Vehicle Maintena	Public Works	TA Dump Truck Replacement - Districting 3097		205,000			
Vehicles	Vehicle Maintena	Recreation and F	15-Passanger Van Replacement - Recreation 2194		65,000			
Vehicles	Vehicle Maintena	Public Works	3/4 Ton Pickup Replacement - Districting 2129		35,000			
Vehicles	Vehicle Maintena	Public Works	3/4 Ton Pickup Replacement - Districting 2130		35,000			
Vehicles	Vehicle Maintena	Public Works	Rolloff Truck Replacement - Peaks 4037		180,000			
Vehicles	Vehicle Maintena	Public Works	Snow Blower Replacement - Winter 7116			125,000		
Vehicles	Vehicle Maintena	Barron Center	3/4 Ton Pickup Replacement - Barron Center 3915		35,000			
Vehicles	Vehicle Maintena	Recreation and F	1/2 Ton Pickup Replacement - Trades 2042		25,000			
Vehicles	Vehicle Maintena	Fire Department	Replace Ladder 34			1,500,000		
Vehicles	Vehicle Maintena	Fire Department	Replace Staff Car or Pickup				40,000	
Vehicles	Vehicle Maintena	Parking / Garages	Parking Enforcement Vehicle Replacement - Parking 2216		27,000			
Vehicles	Vehicle Maintena	Public Works	Forklift Replacement - Fleet 6001		40,000			
Vehicles	Vehicle Maintena	Public Works	Forklift Replacement - Fleet 6004		40,000			
Vehicles	Vehicle Maintena	Public Works	Backhoe Replacement - Districting 5105		75,000			
Vehicles	Vehicle Maintena	Public Works	Grader Replacement - Public Services 5109		425,000			
Vehicles	Vehicle Maintena	Public Works	1 Ton Dump Truck Replacement - Islands 3100		70,000			
Vehicles	Vehicle Maintena	Public Works	1 Ton Dump Truck Replacement - Districting 3118		70,000			
Vehicles	Vehicle Maintena	Public Works	1 Ton Pickup Replacement - Peaks 2518		52,000			
Vehicles	Vehicle Maintena	Public Works	Compact Pickup Replacement - Traffic 2030		25,000			
Vehicles	Vehicle Maintena	Recreation and F	3/4 Ton Crew Cab Pickup Replacement - Parks 2514			38,000		
Vehicles	Vehicle Maintena	Recreation and F	Tractor Replacement - Ballfields 8008			12,000		
Vehicles	Vehicle Maintena	Recreation and F	Bucket Van Replacement - Trades 2218		55,000			
Vehicles	Vehicle Maintena	Recreation and F	Activity Bus Replacement - Recreation 2700		60,000			
Vehicles	Vehicle Maintena	Recreation and F	3/4 Ton Utility Van Replacement - Trades 2053			30,000		
Vehicles	Vehicle Maintena	Recreation and F	Mini Van Replacement - Trades 2047				25,000	
Vehicles	Vehicle Maintena	Recreation and F	Compact Pickup Replacement - Trades 2086		25,000			
Vehicles	Vehicle Maintena	Recreation and F	1 Ton Utility Van Replacement - Trades 2090			30,000		
Vehicles	Vehicle Maintena	Recreation and F	1 Ton Pickup Replacement - Trades 3024		60,000			
Vehicles	Vehicle Maintena	Recreation and F	3/4 Ton Utility Van Replacement - Trades 2217		30,000			
Vehicles	Vehicle Maintena	Recreation and F	1 Ton Rack Body Truck Replacement - Trades 2507		60,000			

Classification	Department	Division	ProjectTitle	2019	2020	2021	2022	2023
Vehicles	Vehicle Maintena	Recreation and F	3/4 Ton Utility Van Replacement - Trades 2519		25,000			
Vehicles	Vehicle Maintena	Recreation and F	Skidsteer Replacement - Trades 5001		45,000			
Vehicles	Vehicle Maintena	Fire Department	Medcu Ambulance Replacement - Fire					
Vehicles	Vehicle Maintena	Public Works	Fleet Tire Truck Replacement - Public Services 2007		40,000			
Vehicles	Vehicle Maintena	Public Works	1 Ton Rack Truck Replacement - Districting 2505		50,000			
Vehicles	Vehicle Maintena	Recreation and F	Mower Replacement - Parks 7180		60,000			
Vehicles	Vehicle Maintena	Public Works	Fleet Service Truck Replacement - Public Services 2521		30,000			
Vehicles	Vehicle Maintena	Recreation and F	Skidsteer Replacement - PRF Cems 5114					45,000
Vehicles	Vehicle Maintena	Public Works	Replace Solid Waste Forklift 6018		40,000			
Vehicles	Vehicle Maintena	Public Works	Skidsteer Replacement - Districting 5117		45,000			
Vehicles	Vehicle Maintena	Public Works	Wheel Loader - Stock Yard - Public Services 5003		195,000			
Vehicles	Vehicle Maintena	Public Works	Skidsteer Replacement - Districting 5119			45,000		
Vehicles	Vehicle Maintena	Public Works	Mini Holder Replacement - PDD 8109		110,000			
Vehicles	Vehicle Maintena	Public Works	Turf Tractor Replacement - Districting 7010		40,000			
Vehicles	Vehicle Maintena	Recreation and F	Mower Replacement - Parks 7026		95,000			
Vehicles	Vehicle Maintena	Public Works	1/2 Ton Pickup - Public Services Street Openings 2062				27,000	
Vehicles	Vehicle Maintena	Public Works	3/4 Ton Pickup Replacement - Districting 2131			35,000		
Vehicles	Vehicle Maintena	Public Works	Dump Truck Replacement - Winter 3129		165,000			
Vehicles	Vehicle Maintena	Public Works	Dump Truck Replacement - Winter 3203		205,000			
Vehicles	Vehicle Maintena	Public Works	Skidsteer Replacement - PDD 5120				45,000	
Vehicles	Vehicle Maintena	Recreation and F	Smithco Turf RakeReplacement - Cemeteries 1046		40,000			
Vehicles	Vehicle Maintena	Parking / Garage	Replace Parking Enforcement Truck 2167		25,000			
Vehicles	Vehicle Maintena	Parking / Garage	Replace Parking Enforcement Vehicle 2168		25,000			
Vehicles	Vehicle Maintena	Recreation and F	4 WD Utility Tractor w/ Loader Backhoe Replacement - Recreation 7011		60,000			
Vehicles	Vehicle Maintena	Recreation and F	Replace PRF Single Axle Plow 3135			165,000		
Vehicles	Vehicle Maintena	Public Works	Replace SPS Single Axle Dump 3136			165,000		
Vehicles	Vehicle Maintena	Public Works	Replace DPS Single Axle Dump 3134			165,000		
Vehicles	Vehicle Maintena	Public Works	Replace DPS Single Axle Dump 3133		165,000			
Vehicles	Vehicle Maintena	Recreation and F	Replace 11' Mower Parks 7187		70,000			
Vehicles	Vehicle Maintena	Public Works	Replace PDD .5 Ton Pickup 2029		30,000			
Vehicles	Vehicle Maintena	Public Works	Replace JD Gator DPS 8007		15,000			
Vehicles	Vehicle Maintena	Public Works	Replace PDD Toolcat 5005			70,000		
Vehicles	Vehicle Maintena	Fire Department	Replace Engine 31				750,000	
Vehicles	Vehicle Maintena	Fire Department	Replace Ladder 36			1,500,000		
Vehicles	Vehicle Maintena	Recreation and F	Replace Senior Rec Bus 2702		55,000			
Vehicles	Vehicle Maintena	Parking / Garage	Parking Enforcement Vehicle Replacement - 2160				25,000	
Vehicles	Vehicle Maintena	Parking / Garage	Parking Enforcement Truck Replacement -2161				25,000	
Vehicles	Vehicle Maintena	Parking / Garage	Parking Meter Van Replacement - 2171			25,000		
Vehicles	Vehicle Maintena	Parking / Garage	Parking Enforcement Truck Replacement -2176			25,000		
Vehicles	Vehicle Maintena	Fire Department	E311 Replacment		750,000			
Vehicles	Vehicle Maintena	Police Departme	Replace Evidence Tech Van - - Police			40,000		
Vehicles	Vehicle Maintena	Recreation and F	Replace 1 Ton 4981 - PRF School Maint		60,000			
Vehicles	Vehicle Maintena	Parking / Garage	Parking Division SUV - 1021		20,000			
Vehicles	Vehicle Maintena	Public Works	Electric Car - DPW Engineering - 1031		15,000			
Vehicles	Vehicle Maintena	Public Works	Compact Wheeled Excavator - DPW Districting		125,000			
Vehicles	Vehicle Maintena	Recreation and F	Replace Jeep -PRF-Trades - 1010			27,000		
Vehicles	Vehicle Maintena	Recreation and F	Utility Tractor w/ Attachments - PRF Cems - 7009		30,000			
Vehicles	Vehicle Maintena	Recreation and F	1 Ton Pickup - PRF Cems - 2525			50,000		
Vehicles	Vehicle Maintena	Recreation and F	1 Ton Flatbed - PRF Forestry - 3003		50,000			
Vehicles	Vehicle Maintena	Recreation and F	1/2 Ton Pickup - PRF Parks - 2020			25,000		
Vehicles	Vehicle Maintena	Recreation and F	3/4 Ton Pickup - PRF Parks - 2128				38,000	
Vehicles	Vehicle Maintena	Recreation and F	11' Mower - PRF Parks - 7187			60,000		

Classification	Department	Division	ProjectTitle	2019	2020	2021	2022	2023
Vehicles	Vehicle Maintena	Recreation and F	16' Mower - PRF Ballfields - 7025					100,000
Vehicles	Vehicle Maintena	Recreation and F	Compact Pickup Club Cab - PRF Ballfields - 2099		35,000			
Vehicles	Vehicle Maintena	Recreation and F	Compact Pickup PRF Ballfields - 2097		25,000			
Vehicles	Vehicle Maintena	Recreation and F	1 Ton Pickup - PRF Ballfields - 2223				50,000	
Vehicles	Vehicle Maintena	Recreation and F	Rec Bus - PRF 1st Tee - 2703			65,000		
Vehicles	Vehicle Maintena	Public Works	Loader w/ Gear DPW 5121			205,000		
Vehicles	Vehicle Maintena	Public Works	1/2 Ton Pickup DPW Solid Waste 2172				25,000	
Vehicles	Vehicle Maintena	Public Works	3/4 Ton Utility Truck DPW Traffice 2192		50,000			
Vehicles	Vehicle Maintena	Public Works	1 Ton Utility Truck DPW Traffic 2500		60,000			
Vehicles	Vehicle Maintena	Public Works	3/4 Ton Utility Van - DPW Engineering 2080		30,000			
Vehicles	Vehicle Maintena	Public Works	3/4 Ton Utility Van DPW Engineering 2081		30,000			
Vehicles	Vehicle Maintena	Public Works	Wheel Loader w/ Gear DPW Winter 5007				205,000	
Vehicles	Vehicle Maintena	Public Works	1 Ton Utility Truck DPW Fleet 2151		50,000			
Vehicles	Vehicle Maintena	Public Works	SUV - DPW Safety 1084		30,000			
Vehicles	Vehicle Maintena	Public Works	Jeep - DPW Admin - 1006		30,000			
Vehicles	Vehicle Maintena	Public Works	SUV DPW Admin 1005		30,000			
Vehicles	Vehicle Maintena	Social Services	1/2 Ton Pickup w/ Plow Social Services 2031				30,000	
Vehicles	Vehicle Maintena	Social Services	SUV Social Services 1007		30,000			
Vehicles	Vehicle Maintena	Sewer Fund	SUV DPW Water Resources 1014				27,000	
Vehicles	Vehicle Maintena	Sewer Fund	Toolcat DPW Water Resources 5015				70,000	
Vehicles	Vehicle Maintena	Sewer Fund	Prius DPW Water Resources 1018		30,000			
Vehicles	Vehicle Maintena	Human Resource	Compact Pickup HR Safety			27,000		
Vehicles	Vehicle Maintena	Police Departmen	Minivan - PD 0180			28,000		
Vehicles	Vehicle Maintena	Police Departmen	1/2 Ton Pickup PD Property - 0022		25,000			
Vehicles	Vehicle Maintena	Fire Department	Refurbish Ladder Truck		200,000			
Vehicles	Vehicle Maintena	Fire Department	Purchase Articulated Boom Ladder Truck					1,500,000
Vehicles	Vehicle Maintena	Permitting & Insp	Replace Crown Vic w/ EV - Inspections 1016		15,000			
Vehicles	Vehicle Maintena	Parking / Garages	Replace Electric Car - Parking 1027					15,000
Vehicles	Vehicle Maintena	Planning & Urban	Replace LeSabre w/ Electric Car - Planning 1024		15,000			
Vehicles	Vehicle Maintena	Planning & Urban	Replace Explorer w/ Electric Car - Planning 1079			15,000		
Vehicles	Vehicle Maintena	Public Works	Heavy Wrecker - DPW Fleet 5035		150,000			
Vehicles	Vehicle Maintena	Public Works	1 Ton Service Truck - DPW Fleet Weldshop 3085			60,000		
Vehicles	Vehicle Maintena	Public Works	Electric Car - DPW Engineering 1003		12,000			
Vehicles	Vehicle Maintena	Public Works	3/4 Ton Pickup - DPW PDD 2183		38,000			
Vehicles	Vehicle Maintena	Public Works	3/4 Ton Pickup - DPW PDD 2184		38,000			
Vehicles	Vehicle Maintena	Public Works	3/4 Ton Panel Van - DPW Fleet Parts 2085		25,000			
Vehicles	Vehicle Maintena	Public Works	Single Axle Plow Truck - DPW Winter 3098		165,000			
Vehicles	Vehicle Maintena	Public Works	Single Axle Plow Truck - DPW Winter 3036			165,000		
Vehicles	Vehicle Maintena	Recreation and F	Toolcat - PRF Ballfields 5004			70,000		
Vehicles	Vehicle Maintena	Public Works	Aerial Truck DPW Traffic 2517				150,000	
Vehicles	Vehicle Maintena	Public Works	1/2 Ton Pickup - DPW Solid Waste					30,000
Vehicles	Vehicle Maintena	Public Works	1.5 ton w/ Plow Equip - DPW Winter 3008					75,000
Vehicles	Vehicle Maintena	Recreation and F	3/4 Ton Pickup Truck - PRF Golf 3083			38,000		
Vehicles	Vehicle Maintena	Recreation and F	3/4 ton Pickup - PRF Forestry 2018		38,000			
Vehicles	Vehicle Maintena	Recreation and F	Compact Pickup - PRF Trades 2070		25,000			
Vehicles	Vehicle Maintena	Recreation and F	3/4 ton pickup - PRF Ballfields 2185		38,000			
Vehicles	Vehicle Maintena	Recreation and F	14 passenger van - PRF Recreation/ Homeless Outreach 2704			40,000		
Vehicles	Vehicle Maintena	Recreation and F	Shuttle Bus - PRF Recreation 2194				60,000	
Vehicles	Vehicle Maintena	Recreation and F	1/2 ton Pickup - PRF Trades 2003			30,000		
Vehicles	Vehicle Maintena	Recreation and F	1/2 Ton Pickup - PRF Trades 2004			30,000		
Vehicles	Vehicle Maintena	Recreation and F	1/2 Ton Pickup - PRF Forestry Watering - 2005			30,000		
Vehicles	Vehicle Maintena	Recreation and F	Stumper - PRF Forestry			50,000		

Classification	Department	Division	ProjectTitle	2019	2020	2021	2022	2023
Vehicles	Vehicle Maintenai	Recreation and F	Compact Pickup - PRF Forestry 2091			25,000		
Vehicles	Vehicle Maintenai	Recreation and F	Chip Truck - PRF Forestry 3004			60,000		
Vehicles	Vehicle Maintenai	Recreation and F	3/4 ton van - PRF Trades Expo 2027					30,000
Vehicles	Vehicle Maintenai	Recreation and F	3/4 ton w/ flatbed - PRF Forestry 2065					40,000
Vehicles	Vehicle Maintenai	Recreation and F	1/2 ton pickup PRF Trades 2071					30,000
Vehicles	Vehicle Maintenai	Recreation and F	3/4 Ton Van - PRF Trades 2072					30,000
Vehicles	Vehicle Maintenai	Recreation and F	3/4 ton van - PRF Trades					30,000
Vehicles	Vehicle Maintenai	Recreation and F	Compact Pickup - PRF Trades 2088					25,000
Vehicles	Vehicle Maintenai	Recreation and F	1/2 Ton pickup - PRF Cems 2110					30,000
Vehicles	Vehicle Maintenai	Public Works	1/2 Ton Pickup - DPW Street Open			27,000		
Vehicles	Vehicle Maintenai	Police Departmer	Replace Admin Vehicle - PD				38,000	38,000
Vehicles	Vehicle Maintenai	Police Departmer	Arrest Wagon - PD			80,000		
SUM - TOTAL of CITY MANAGER RECOMMENDED PROJECTS ABOVE				**17,974,545**	**59,776,612**	**31,068,550**	**25,542,615**	**19,547,000**
GOAL - TOTAL CAPITAL IMPROVEMENT PROJECTS				17,975,000	13,500,000	12,000,000	11,500,000	11,000,000
LESS: RECOMMENDED USE OF EXCESS FUND BALANCE				-2,000,000	-2,000,000	-1,000,000	-1,000,000	-1,000,000
LESS: PREVIOUSLY BONDED CIP FUND REALLOCATIONS				-475,000	-300,000	-300,000	-300,000	-300,000
Recommended Capital Improvement Plan Borrowing /				15,500,000	11,200,000	10,700,000	10,200,000	9,700,000

Project Title **ID** 173655

EMR and Wi Fi Phase III

Barron Center

Division Nursing

Classification Equipment

Project Description

This is the continuation of the EMR project.

Project Justification

The EMR project at the Barron Center is well underway. By the end of FY17 we will have wireless internet working throughout BCI and BCII. We will also have well over 50% of the equipment necessary. The staff will have win terminals (hardware) that will allow them to do direct resident documentation at the time of encounter. This will allow not only Doctor's and nurses point in time documentation but will also allow ancillary services to have immediate upload capacity. In addition, 50% of the software and licenses will have been paid out of the FY17 budget.

The amount indicated for FY18 includes the remaining 50% of hardware, software and licenses needed as well as any related ongoing maintenance costs.

An additional amount has been estimated for FY19, FY20, FY21 and FY22 for computer repairs and maintenance (including a 1.7% increase). In addition, $4,000 has been estimated for software replacement in FY21.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$108,994	$108,994

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2018		$54,497			☑
2019		$54,497			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$108,994			

Other Funding Source Description

Operating Budget Impact

We have monthly fees to First Atlantic and American Data that are currently $3,360.

Project Title **ID** 173671

Replace Patient Call System Phase II

Barron Center

Division Nursing

Classification Equipment

Project Description

Replace Patient Call System.

Project Justification

Two call bell systems have been installed in FY18. This funding is to add the system in one additional unit.

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

Planning	Land	Construction	Equipment	Est Total Cost
			$164,000	$164,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2018		$116,000			☑
2019		$48,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$164,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 184368

Expansion of walk in cooler and freezer FY19

Barron Center

Division Nutrition and Supply

Classification Facilities

Project Description

This includes excavation of the walls and installing new concrete pads in order to install a new walk in cooler and freezer.

Project Justification

Existing equipment is very old and breaks down frequently. Expansion would allow for more work space and cold storage.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$90,628	$90,628

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$90,628			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$90,628			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 194897

Generator Replacement

Barron Center

Division Environmental Services

Classification Facilities

Project Description

350 kw Generator including addition of emergency outlets thoughout both buildings.

Project Justification

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

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$430,000	$430,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$430,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$430,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 194997

Conditional Appraisal and Facility Assessment

Fire Department

Division Special Services

Classification Facilities

Project Description

Following up from FY18 station location and replacement study, an appraisal and assessment of our current stations will identify and prioritize stations which will need to be rehabbed or rebuilt.

Project Justification

The newest station in the city was built in the 1960's. With the average useful life of a fire station around 50 years, it is critical that an investment is made into the rehab and replacement of the current stations. Many are at the end of their useful life and are beyond rehabilitation.

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$250,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$250,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 195018

Hood System Continuation

Fire Department

Division Special Services

Classification Facilities

Project Description

Our FY18 bid for hood system only fielded a single bidder. Due to complexities in the antiquated electrical system and added costs, the bid came up $60,000 over what we had originally budgeted.

Project Justification

Our 3 Congress Street stations are not currently up to code with kitchen hood systems. Given the damage done to the Allen Ave station from a kitchen fire, it is very important that we implement these necessary safety measures.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$60,000	$60,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$60,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$60,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 14908

Phone System Upgrade

Information Technology

Division

Classification Information Technology

Project Description

The project is to upgrade to VOIP, access new technology phone services, including data on calls, conferencing, moves/changes.

Project Justification

Current system is 20+ years old. The current technology support is anticipated to be phased out.

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2018		$200,000			☑
2019		$200,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$400,000			

Other Funding Source Description

Operating Budget Impact

It is expected that the project will reduce operating costs through productivity improvements, and maintenance.

Project Title **ID** 141596

Virtualization, Storage and Redundancy Upgrade

Information Technology

Division

Classification Information Technology

Project Description

This Green initiative will increase energy efficiency by reducing the number of servers we rely on and operate. This is an IT best practice for backup and recovery and it will improve data protection, systems performance, reduce down time when systems fail. This will provide us with a disk-based storage solution which will help us to improve our data protection process in many ways. It will replace much of the aging hardware by allowing us to consolidate its systems into a virtual infrastructure running either Hyper-V or Vmware. Although it will not eliminate tape reliance, but it will reduce our reliance on tape which will increase backup performance, reliability and restoration if necessary.

Project Justification

Justification for Storage/virtualization is that the current inventory of the City's main server farm of Servers is at or exceeding the 5 year life span of Server machines. This icludes replacing current servers at City Hall and the Police Department server locations with fifteen virtualized based machines. This is an effort to reduce the footprint of individual servers by logical grouping in an effort to decrease server hardware reliance, improve reliability, redundancy and scalability of applications and data, ease the A/C demands in the data center, therefore improve energy efficiency, improve operational efficiency (ability to add servers and applications on the fly), increase the density of the virtual environment, increase "Up Time" for critical applications. This will decrease tape reliance, improve/decrease backup windows, improve reliability, improve the speed and ease of restores, replicate off site.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$410,000	$410,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2015		$65,000	$65,000		☑
2016		$65,000	$65,000		☑
2017		$75,000	$75,000		☑
2018		$55,000	$55,000		☑
2019		$150,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$410,000	$260,000		

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 195017

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
			$150,000	$150,000

Funding Source

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

Other Funding Source Description

Operating Budget Impact

$150,000.00 estimated

Project Title **ID** 163049

Temple St Garage Cond. Appraisal Rrs Concrete & S/W 1

Parking / Garages

Division Temple Street Garage

Classification Facilities

Project Description

Stairway 1 Replacement and Concrete repairs

Project Justification

Safety and recommendations from the Condition Appraisal report

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$290,000		$290,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$290,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$290,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 194946

Multi space parking meters

Parking / Garages

Division Administration

Classification Equipment

Project Description

4 new multi space parking meters

Project Justification

2 meters to replace existing single space meters on Elm & Myrtle the other two for new development on Commercila St which is currently unrestricted

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$30,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$30,000			

Other Funding Source Description

Operating Budget Impact

Increased parking revenues

Project Title **ID** 184141

Fitzpatrick Stadium Road Drainage

Parks, Rec & Public Assembly

Division Parks

Classification Parks, Fields, Trails

Project Description

The road has been eroded by parking on the side of the road, years of neglecting potholes, poor drainage, and poor road crowning. Currently rocks and mud splash onto the new running track and get ground in. A new road with proper crowning and drainage would relieve this issue.

Project Justification

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$72,000		$72,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$72,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$72,000			

Other Funding Source Description

Operating Budget Impact

Demolition/Installation $10,000
Road Drainage $37,000
Road Stabilization, Re-grading and hot top $25,000

Project Title **ID** 184202

Continued Course Improvements at Riverside Golf Course

Parks, Rec & Public Assembly

Division Golf Course

Classification Facilities

Project Description

Various unexpected improvements when needed

Project Justification

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$50,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$50,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 184210

Dougherty Field - Athletic Field Upgrades, Parking

Parks, Rec & Public Assembly

Division Parks

Classification Parks, Fields, Trails

Project Description

Dougherty Field 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

The Lincoln Middle School does not have fields of its own like Lyman Moore does. This field will add 1 more full-sized field to the 3 at Dougherty Field Complex where Lincoln & King Middle Schools share fields. The two school currently share 3 fields for 12 sports teams in the fall (2 Boys soccer, 2 girls’ soccer & two field hockey teams for both 7 th & 8 th grade).City wide there is a major shortage of soccer fields and this will help ease that burden

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$350,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$350,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 184211

Lincoln Park Fence

Parks, Rec & Public Assembly

Division Parks

Classification Parks, Fields, Trails

Project Description

This Capital Improvement request is for supplemental funds to add to the $300,000 already appropriated in FY18 CIP. Engineer is making significant progress in providing specifications for the project to go out to bid in Winter 201-2018, but the project is proving more complex than originally thought, involving significant site work to reset existing granite pillars. Requesting an additional $100,000 in FY19.
This project will consist of removing and completely restoring the existing Lincoln Park fence that was originally installed in 1866.

Project Justification

The current fence is very rusty and the connection to the granite pillars have been lost, with many sections of the fence sitting directly on the ground with no support from the posts. Lead paint is present and the fence will have to be dismantled and taken off-site for restoration. Many of the metal fence post caps have been damaged by plows, vehicles, and people over the past 150 years and replacement parts will need to be fabricated. Some of the granite pillars have been shifted off of their foundations and need se-setting. Many of the granite footings supporting the fence posts need to be replaced and re-set at a higher height due to settling.
In combination with the ongoing walkway and fountain restoration, this project will restore the oldest park in Portland's park system.

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$100,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$100,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 184215

Memorial Field Artificial Turf Replacement

Parks, Rec & Public Assembly

Division Parks

Classification Parks, Fields, Trails

Project Description

Memorial Field is a synthetic turf field that was installed in 2007 and since has logged over 35,000 hours of use. The turf field is home to the Deering High School sports teams, nightly community rentals, several local colleges and many Portland Youth groups. The current turf was manufactured by FieldTurf and is a dura-spine product that did not hold up to specifications. The field is 10 years and needs replacing.

Project Justification

The turf has shed its fibers, countless seem issues and the middle of the field id mostly rubber reducing it playability and performance, however it is past its warranty of 8 years. The new Turf at Fitzpatrick Stadium is from GreenFields and has held up very well over its first 3 years. If approved we would look to use the same product at Memorial.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$672,772		$672,772

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$672,772			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$672,772			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 184247

Dougherty Skate Park Expansion

Parks, Rec & Public Assembly

Division Parks

Classification Parks, Fields, Trails

Project Description

The Portland skatepark is due for an expansion due to its popularity and overuse. The Portland Skatepark at Dougherty Field was installed in 2008 using a mix of public and private financing. After the initial design and location were determined, the city provided roughly 50% of the funding for the project through Capital Improvement funds, while the local skate community raised funds for the remaining 50% of the project. The Parks Division is again working with the community to pursue a similar funding partnership for the upcoming skatepark expansion.
Soon after installation in 2008, the skatepark became very popular and now regularly has crowds of dozens of skaters, bikers, and scooters of all ages. We estimate that on an average day in spring, summer and fall, over 120 skaters, bikers and parents visit the skatepark, with many staying an hour or more. It is not uncommon for skaters to wait in line to drop into popular features, and the Parks Division regularly receives feedback from parents, skaters and others concerning the crowded conditions at the skatepark.

Project Justification

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

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$340,000		$340,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019	$100,000	$240,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total	$100,000	$240,000			

Other Funding Source Description

Operating Budget Impact

The total cost estimate is $340,000. The city would contribute $240,000 towards the project through CIP funds and our Skatepark committee made up of skaters, local business owners, parents and teachers would raise $100,000 of private money towards the total project cost.

Project Title **ID** 195023

PortlandLanding/Amethyst Lot

Parks, Rec & Public Assembly

Division Parks

Classification Parks, Fields, Trails

Project Description

Portland Landing is a mixed urban plaza and active marine use open space conversion of the Amethyst Lot parking area in the Eastern Waterfront.

Project Justification

5 Year Cost Summary

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

Funding Source

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

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 163160

Congress Square Redesign

Planning & Urban Development

Division Planning

Classification Transportation

Project Description

This project includes completing the design work and construction of a redesigned intersection and public open spaces at High Street, Free Street, and Congress Street, called "Congress Square." The project objectives include improving traffic function and safety for all modes, improving the accessibility of the intersection crossings, sidewalks, and public open spaces, and placemaking by creating a more comfortable, functional, and attractive public space. The intersection design and construction also needs to be coordinated with the DPW signal upgrade project on Congress Street. The funding request includes design and park construction phases; the budgets are based on schematic level designs and estimates prepared by consultant WRT. The project has 3 construction phases - Phase A = roadway improvements (DPW FY20), Phase B = PMA plaza improvements (FY20), Phase C = Congress Square Park improvements (FY21)

Project Justification

This project will provide an improved sense of place at this intersection. It will improve the usability and aesthetics of Congress Square Park and the PMA plaza. It would provide economic development benefits by encouraging investment in this part of Congress Street. It would improve circulation, safety, and access at this key downtown location.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$250,000		$3,000,000		$3,250,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$250,000			☐
2020		$500,000			☐
2021		$2,500,000			☐
2022					☐
2023					☐
Total		$3,250,000			

Other Funding Source Description

PACTS, CDBG, and other grant and private funds would be sought for these improvements but cannot be guaranteed. Similarly, Downtown TIF funds might help pay for these improvements. MDOT has agreed to fund the PDR for the intersection redesign. A private fundraising effort for this project is proposed by the project partners.

Operating Budget Impact

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

Project Title **ID** 194956

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.

5 Year Cost Summary

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

Funding Source

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

Other Funding Source Description

Operating Budget Impact

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

Project Title **ID** 194957

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 Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$200,000			☐
2020	$400,000	$105,000			☐
2021					☐
2022					☐
2023					☐
Total	$400,000	$305,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 184385

Patrol Full Body Cameras

Police Department

Division Uniformd Ops Group

Classification Full Body Cameras

Project Description

Portable/wearable full body camera system on Patrol Officers

Project Justification

Additional tool to ensure Police and Public safety and continued review of Standard Operating Procedures.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$400,000	$400,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$400,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$400,000			

Other Funding Source Description

Operating Budget Impact

No impact-Capital Funding/Project only

Project Title **ID** 194934

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 Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$1,500,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$1,500,000			

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** 173573

Replace Concrete Steps/Railings at Main Entrance

Public Buildings

Division Public Safety

Classification Facilities

Project Description

Replace the existing steps with new poured steps and ADA compliant railings.

Project Justification

The main entrance steps are concrete and original to the building. With sand/salt being applied for the past 30 yrs the concrete is spawling causing the rebar and steel support beam to deteriorate.
Steps are no longer repairable. Trip hazards will become an issue soon.

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$100,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$100,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 194834

HVAC Replacement Dispatch Area

Public Buildings

Division Public Safety

Classification Equipment

Project Description

Install the proper equipment to heat/cool and exchange proper air flows.

Project Justification

The existing system is undersized to serve this crucial space. We have many complaints regarding air quality and uneven temps.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$75,000		$75,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$75,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$75,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 194842

Replace burner #2

Public Buildings

Division Public Safety

Classification Equipment

Project Description

Replace oil burner with original equipment

Project Justification

Oil burner was was installed with an aftermarket unit during the Ameresco Energy Conservation project. They failed 2 yrs later.
It has been determined the boilers need to have the original burner in place.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$80,000	$80,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019	$40,000	$40,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total	$40,000	$40,000			

Other Funding Source Description

Operating Budget Impact

Ameresco paid the city 40k of the 80k to replace this unit.

Project Title **ID** 194924

Sanitation office/ crew space

Public Buildings

Division Other Public Buildings

Classification Facilities

Project Description

Replace the dilapitated office trailer that staff call their office.

Project Justification

The current space for this department is not appropriate nor functionial.
I propose a stick built structure to meet the needs of this department. ADA work space, bathrooms, shower/lockerrooms are all space the current facility does not provide.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$10,000		$190,000		$200,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$200,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$200,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 195008

Observatory Flagpole replacement

Public Buildings

Division Other Public Buildings

Classification Equipment

Project Description

Replace 3 wooden poles with fiberglass

Project Justification

Replace wooden poles that house the lighting strike system for the building. The poles have failed over time due mostly to the wire cable that runs through the center of the pole to protect the building from being struck by lighting, potentially causing a fire.
The proposed poles would be replaced with fiberglass to extend the life of both the poles and it's electrical/fire system

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$45,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$45,000			

Other Funding Source Description

Operating Budget Impact

Funding through CDBG or a fund raising campaign with the Landmarks could offset the request.

Project Title **ID** 141009

CSO Compliance - SRF Ineligibles

Public Works

Division Engineering

Classification Streets/Sidewalks

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 CY2018 projects include: Preble Street, Bedford Street, Mackworth Street and Ocean Avenue 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.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$12,300,000		$12,300,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2013		$500,000	$500,000		☑
2015		$1,000,000	$800,000		☑
2017		$1,000,000	$400,000		☑
2018		$1,000,000	$600,000		☑
2019		$2,000,000			☐
2020		$2,000,000			☐
2021		$2,000,000			☐
2022		$2,000,000			☐
2023		$2,000,000			☐
Total		$13,500,000	$2,300,000		

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** 141013

Pavement Preservation Program

Public Works

Division Engineering

Classification Streets/Sidewalks

Project Description

Preservation and rehab including combination of treatments ranging from crack sealing and preservation overlays to milling and resurfacing thoughout the city. Scope of work also includes improvements to storm and santitary structures, installation/improvement to 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

Planning	Land	Construction	Equipment	Est Total Cost
$2,000,000		$30,550,000		$32,550,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2013		$4,000,000	$2,500,000		☑
2014		$4,000,000	$2,500,000		☑
2015		$4,000,000	$1,750,000		☑
2016		$4,000,000	$1,000,000		☑
2017		$4,000,000	$2,900,000		☑
2018		$3,800,000	$2,900,000		☑
2019		$3,800,000			☐
2020		$3,800,000			☐
2021		$3,800,000			☐
2022		$3,800,000			☐
2023		$3,800,000			☐
Total		$42,800,000	$13,550,000		

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.

Project Title **ID** 141013

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** 141023

Traffic Signals Upgrade Program

Public Works

Division Sewer

Classification Stationary Equipment

Project Description

The FY 2019 Request will be for the following:

New structures along State Street: $200k per intersection for 3 intersections: $675,000

$600,000 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

Planning	Land	Construction	Equipment	Est Total Cost
$390,000			$4,075,000	$4,465,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2014		$168,500	$165,000		✔

Project Title **ID** 141023

2015	$195,000	$230,000	$230,000	☑
2017		$200,000	$200,000	☑
2018		$900,000	$600,000	☑
2019		$675,000		☐
2020		$600,000		☐
2021		$600,000		☐
2022		$600,000		☐
2023		$600,000		☐
Total	$195,000	$4,573,500	$1,195,000	

Other Funding Source Description

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** 141030

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

Planning	Land	Construction	Equipment	Est Total Cost
$700,000		$6,750,000		$7,450,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2013		$700,000	$700,000		✔
2014		$700,000	$700,000		✔
2015		$850,000	$700,000		✔
2016		$700,000	$500,000		✔

Project Title **ID** 141030

2017	$600,000	$500,000	☑
2018	$600,000	$600,000	☑
2019	$750,000		☐
2020	$750,000		☐
2021	$750,000		☐
2022	$750,000		☐
2023	$750,000		☐
Total	$7,900,000	$3,700,000	

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** 141708

RR Quiet Zone Compliance Program

Public Works

Division Traffic

Classification Streets/Sidewalks

Project Description

Quad Gates at Brighton Avenue: $1,000,000 (?)

10/17/17: Railroad Quiet Zones(RRQZ) are designataed railroad locations or corridors that restrict trains from using their train horns as warnings as the train enters the RRQZ.
Pan Am Railroad Company operates in three (3) Portland RRQZs over a total of twenty (20) public highway/railroad at grade crossings in the City. Many of our crossings are very close to residential areas such as in the Deering Highlands area, Woodfords' Corner and some North Deering neighborhoods as well. While certainly not wanting to compromise safety, the ability to restrict the rail carrier from automatic horn or whistle activation allows these neighborhoods and districts to maintain quality of living elements while reducing excessive noise. The three (3) Quiet Zones in the City of Portland are as defined as follows:

RRQZ 1-Portland Mountain Division II. The crossings in the Portland Mountain Division II Quiet Zone are: Congress Street; Frost Street; Rand Road; and Pine Tree Industrial Parkway.

RRQZ 2- Portland WN & P II. The crossings in the Portland WN&P Quiet Zone are: Forest Avenue and Bishop Street.

RRQZ 3- Portland ST. Maine Line II. The crossings in the Portland St Maine Line II are: Congress Street; Brighton Avenue; Prospect Street; Ashmont Street; Coyle Street; Lincoln Street; Revere Street; Woodfords Street; Saunders Street; Forest Avenue; Walton Street; Read Street; Allen Avenue; Riverside Street.
The Federal Rail Authority (FRA) requires that RRQZ be in compliance with safety guidelinesand if not the municipality must implement Supllemental Safety Measurements (SSM) to laintain the RRQZ. Since funding for SSM's is not available through any State or Federal agency and there are no grant funds available, staff believes that it is prudent to budget 00,000 a year for each of the next five years in the City's CIP. Recent conversations with Pan Am have indicated that they may agree to a four-gate equipment upgrade system, which provides a significant reduction in risk without the property impacts associated with a median treatment or the higher costs associated with full quad gates. Current funding should allow for completion of work at Brighton Avenue and Walton Street. This request would be for a four-gate system to be provided at the Allen Avenue crossing.

$800,000 funded in FY 2017.

Project Justification

Pan Am Railroad lines and crossings were upgraded to accommodate the 2012 extension of the Downeaster passenger train service between Portland and Brunswick with two (2) round trips per day going through the Portland corridor. For comparisons, presently there can be as many as eight (8) freight trains that travel through this Portland corridor daily now there will be at least 14 trips through the corridor. The train speed of the Downeaster within the City limits will be 30 mph from Congress Street to Allen Avenue and outside of the City limits, from Allen Avenue to past Falmouth Road will be 60 mph. Each of the crossings will be equipped with standard equipment including video monitoring, grade crossing predictors, crossing monitor and recording technology, gates, electronic bells, 12 inch flashing lights as well as the ability to record positive gate down status.

The Federal Rail Administration (FRA) is responsible for enforcement of the Quiet Zone designation in cities and towns, and conducts regular compliance evaluations of a community's quiet zone status to assess if that Quiet Zone needs to be modified, continue as is or be removed. These inspections, known as Risk Reviews, evaluate relevant train transportation and accident data within 5 years preceding the annual risk review. Additionally, the State and the City are responsible for inventory updates that reflect any changes to the crossings, including items such as traffic counts, train frequency and speeds and any local accident data that may not have been reported to the FRA. The FRA attaches a risk assessment number to each crossing that reflects their survey and that supplied by the state and municipality. This risk number is then compared to the National Risk Assessment index. If a quiet zone measurement is higher than the national risk assessment, then the entire Quiet Zone is out of compliance and the Municipality must install Supplemental Safety Measurements

Project Title **ID** 141708

(SSM's) to maintain the zone.

There are 14 types of SSM's available for mitigation, but many offer a small risk reduction decrease for a large investment. Others may not be used a certain locations. Because our Quiet Zone with the most crossings – The Maine Line II, goes right through concentrated business and residential areas, we are further confined to a few choices.

The City expects to submit a new inventory and affirmations to the FRA at the end of this year. We expect that increased vehicle and train counts as well as increased speeds will increase our overall risk index. This comes at a time when the National Risk Index is expected to drop, making compliance even more difficult.

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2014		$100,000	$100,000		☑
2015		$400,000	$400,000		☑
2017		$1,000,000	$800,000		☑
2018		$50,000	$25,000		☑
2019		$25,000			☐
2020		$100,000			☐
2021		$100,000			☐
2022		$100,000			☐
2023		$100,000			☐
Total		$1,975,000	$1,325,000		

Other Funding Source Description

Operating Budget Impact

As there are no alternative sources for quiet zone funds, any work completed in order to maintain Quiet Zone compliance must be accomplished via local funding sources.

Project Title **ID** 141740

PACTS RTMS - Traffic Signals

Public Works

Division Traffic

Classification Stationary Equipment

Project Description

RTMS = Regional Transportation Management Systems
Fiber Connection on High St from York to Congress: $50,000
Updates to State/York: $30,000
Fiber/Communications for Auburn/Washington Signal Project: $200,000
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 equipement is generally out of date, and in same 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

Planning	Land	Construction	Equipment	Est Total Cost
$300,000			$2,187,500	$2,487,500

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
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			☐
2020		$250,000			☐
2021		$250,000			☐

Project Title		ID	141740		
2022		$250,000			☐
2023		$275,000			☐
Total	$365,500	$2,299,270	$827,000		

Other Funding Source Description

PACTS Share of RTMS program.

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** 173596

Traffic Signal Upgrades with Paving Programs

Public Works

Division Traffic

Classification Equipment

Project Description

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 supplement smaller signal improvement requests especially FY 17 and FY 18 and will result in a completely updated Washington/Auburn St Signal Corridor.

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

Planning	Land	Construction	Equipment	Est Total Cost
$160,000			$1,650,000	$1,810,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$185,000	$150,000		☑
2018		$210,000	$210,000		☑
2019		$800,000			☐
2020		$150,000			☐
2021		$150,000			☐
2022		$150,000			☐
2023		$200,000			☐
Total		$1,845,000	$360,000		

Other Funding Source Description

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** 184138

Franklin Street Design Completion and Construction

Public Works

Division Engineering

Classification Streets/Sidewalks

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)

In addition, 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

Planning	Land	Construction	Equipment	Est Total Cost
$500,000		$8,300,000		$8,800,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$250,000			☐
2020	$1,500,000	$4,300,000			☐
2021					☐
2022		$250,000			☐
2023		$2,500,000			☐
Total	$1,500,000	$7,300,000			

Other Funding Source Description

Project Title **ID** 184138

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 maintanance currently needed.

Project Title **ID** 184294

MPI DOT Paving - Washgtn Ave(Ocean - Allen)

Public Works

Division Engineering

Classification Streets/Sidewalks

Project Description

The project area is Washington Avenue between Ocean Avenue and Allen Avenue. The project will also implement Bike Network features.

Project Justification

This project is needed to improve the pavement condition on one of Portland's principal arterial streets. It will also be the driver for implementing the Bike Network outcomes for this portion of Washington Ave. This 50% leveraged project would entail milling to remove the pavement surface and placing a new 2-inch pavement overlay. The City's 50% Local Match consists of 5% of total project costs for ineligible City utility costs (Sewer) and 45% General Fund request. An additional $50,000 is requested to cover all staff and consultant support.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$50,000		$1,000,000		$1,050,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019	$500,000	$550,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total	$500,000	$550,000			

Other Funding Source Description

MaineDOT MPI funds to achieve up to 50% leverage.

Operating Budget Impact

This project will reduce the need to spend City resources on emergency street repairs over the next 10 or more years.

Project Title **ID** 184304

MPI PACTS Paving - Allen Avenue (Yale-Pennell)

Public Works

Division Engineering

Classification Streets/Sidewalks

Project Description

The project area is Allen Avenue between Yale Street and Pennell Ave.

Project Justification

This project is needed to improve the pavement condition on one of the City's arterial streets. The 50% leveraged project wil entail milling to remove the pavement surface and placinga 2-inch pavement overlay. The City's 50% Local Match consists of 5% of total project cost for ineligible City utility costs(Sewer) and 45% is a General Fund request. An additional $50,000 is requesteed to cover staff, consultant support.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$35,000		$394,400		$429,400

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019	$226,000	$203,400			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total	$226,000	$203,400			

Other Funding Source Description

PACTS MPI funds to achieve up to 50% leverage.

Operating Budget Impact

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

Project Title **ID** 184308

PACTS Collector Paving - Allen Avenue

Public Works

Division Engineering

Classification Streets/Sidewalks

Project Description

The PACTS leveraged project area is Allen Avenue between Washington Ave. and Summit Street, and a segment of Washington Avenue between Allen and Chapman. City's Local Match is estimated at $106,250 (3 Party Agreement). Construction is expected in 2018.

Project Justification

This project is needed to improve and maintain the street pavement condition, and has been awarded to the City thru the PACTS TIP Program. Paving activity triggers adjustment and/or repair of sewer & stormwater structures. These ineligible costs are entirely borne by City. Water Resources companion request for 5% of project value above & beyond our Local Match. An additional $25,000 is requested to cover all staff and consultant support.

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019	$318,750	$106,250			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total	$318,750	$106,250			

Other Funding Source Description

Federal and State Funds distributed by Maine DOT thru PACTS. Sewer Fund costs of 5% total project cost requested separately.

Operating Budget Impact

Minimizes maintenance (pothole repair) costs.

Project Title **ID** 184325

Street Rehabilitation Program

Public Works

Division Engineering

Classification Streets/Sidewalks

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. This includes the following street segments, for example: Alba St., Alden Circle, Cottage St., Kingsmark Lane, Mabel St., McAlister Farm Rd. Monument St. (St. Lawrence St. to Ponce St.), Munjoy St., Murray St., Powsland Street, and West Presumpscot St.
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
$1,000,000		$10,650,000		$11,650,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2018		$500,000	$200,000		☑
2019		$250,000			☐
2020		$2,800,000			☐
2021		$2,800,000			☐
2022		$2,800,000			☐
2023		$2,800,000			☐
Total		$11,950,000	$200,000		

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** 184332

PACTS Washington Avenue Road & Signals

Public Works

Division Traffic

Classification Streets/Sidewalks

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 and Construction in FY20. An additional $50,000 is requested for possible cost overruns. Separately requested Sewer Funds will supply City Utility ineligible costs; est. = $153,000

The majority of the funding request is set for FY20, as the project will begin in CY 2019 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

Planning	Land	Construction	Equipment	Est Total Cost
$150,000		$1,555,500		$1,705,500

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$150,000			☐
2020	$1,165,000	$390,500			☐
2021					☐
2022					☐
2023					☐
Total	$1,165,000	$540,500			

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. FY20 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.

Project Title **ID** 194818

Arterial Street Ped Crossings

Public Works

Division Engineering

Classification Streets/Sidewalks

Project Description

Pedestrian street crossing systems on India St, Forest Ave, Brighton Ave, & High St (at Deering = priority). NOTE - India St will be paved in 2019; this work must precede or be included in that MaineDOT CPR paving contract.

Project Justification

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. Program is necessary to meet current state or federal requirements & advances more than one policy of Council adopted plans (Complete Streets and Comp Plan.)

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$100,000			☐
2020		$125,000			☐
2021		$150,000			☐
2022		$150,000			☐
2023		$175,000			☐
Total		$700,000			

Other Funding Source Description

Operating Budget Impact

Dependent on design, may increase winter maintenance costs.

Project Title **ID** 194909

Woodford's Corner Project - Supplemental Funding

Public Works

Division Engineering

Classification Streets/Sidewalks

Project Description

10-19-17: Additional funding needed to address costs associated with awarded bid to contractor.

Project Justification

Following the opening of the bids for this project in Summer of 2017, it was determined that the low bid from Shaw Brothers would require additional funding from all parties, including the City of Portland, to award and proceed with construction. The pending three-party agreement to be taken to City Council will increase the City's cost share from $1,206,852.10 to $2,085,093.02, or an increase of $878,240.92.

The original cost agreement approved by the Council was $640,477.10 in Spring of 2016.

A modified agreement was approved by the Council for $1,206,852.10 in Winter of 2017 when it was determined street reconstruction associated with utility work would be required.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$358,590	$460,000	$2,994,825		$3,813,415

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019	$2,935,174	$878,241			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total	$2,935,174	$878,241			

Other Funding Source Description

Operating Budget Impact

This project will update signals, sidewalks, sewer, stormwater, and pavement, thus reducing maintenance needs for the foreseeable future.

Project Title **ID** 194910

CPR Paving - Park Avenue

Public Works

Division Engineering

Classification Streets/Sidewalks

Project Description

The project area is Park Avenue between Saint John Street and Congress Street. The requested funding is 95% of total cost. 5% of total cost is carried over in Water Resources.

Project Justification

MaineDOT will pave this street in 2018 under their Cyclical Pavement Resurfacing (CPR) Prorgram, which limits their investment to $135,000 per mile. The City must provide any additional funds necessary. The City benefits from leveraged investment to improve pavement conditions our Arterial Streets.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$1,400		$116,700		$118,100

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019	$35,100	$83,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total	$35,100	$83,000			

Other Funding Source Description

MaineDOT's CPR paving program; limited to $135,000 per mile.

Operating Budget Impact

Project Title **ID** 194912

Rehabilitation of Cobblestone / Paver Streets

Public Works

Division Engineering

Classification Streets/Sidewalks

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
$150,000		$800,000		$950,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$150,000			☐
2020		$150,000			☐
2021		$200,000			☐
2022		$200,000			☐
2023		$250,000			☐
Total		$950,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 194914

Park Ave Protected Bike Lanes

Public Works

Division Engineering

Classification Streets/Sidewalks

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.

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

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$100,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$100,000			

Other Funding Source Description

Operating Budget Impact

Additional annual costs for pavement markings will result.

Project Title **ID** 194917

Ocean Avenue Landfill

Public Works

Division Solid Waste

Classification Marine

Project Description

10/27/17: Improvements to City Landfill and old private Landfill on City Property; Stormwater, Well caps repairs,

Project Justification

Needed to bring Landfill into compliance with Maine Department of Environmental Protection Compliance.

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$500,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$500,000			

Other Funding Source Description

Operating Budget Impact

Not doing improvwements could result in MaineDEP fines.

Project Title **ID** 194933

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 Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$250,000			☐
2020		$250,000			☐
2021		$250,000			☐
2022		$250,000			☐
2023		$250,000			☐
Total		$1,250,000			

Other Funding Source Description

Possible Public Private Partnerships

Operating Budget Impact

None anticipated.

Project Title **ID** 194939

CPR Paving - Valley St (entire)

Public Works

Division Engineering

Classification Streets/Sidewalks

Project Description

The project area is Valley Street between Saint John Street and Park Avenue. The requested funding is 95% of total cost. 5% of total cost is carried over in Water Resources.

Project Justification

MaineDOT will pave this street in 2018 under their Cyclical Pavement Resurfacing (CPR) Program, which limits their investment to $135,000 per mile. City must provide any additional funds necessary. The City benefits from this leveraged investment to improve pavement conditions of one of our Arterial Streets.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$2,400		$171,250		$173,650

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019	$101,250	$72,400			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total	$101,250	$72,400			

Other Funding Source Description

MaineDOT's CPR paving program; limited to $135,000 per mile.

Operating Budget Impact

Project Title **ID** 194965

Andrew Square Rehabilitation

Public Works

Division

Classification Streets/Sidewalks

Project Description

Sidewalk improvemets and Curb relignmnet

Project Justification

Pedestrian and vehicle safety improvements

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$100,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$100,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 194967

PACTS USM Roundabout

Public Works

Division Engineering

Classification Streets/Sidewalks

Project Description

Anticipated scope/cost increase beyond Local Match CIP funds authorized previously.

Project Justification

Design and ROW now underway; scope being re-evaluated.

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$100,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$100,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 141616

PHS - Roof Replacement

School Department

Division School Maintenance

Classification Facilities

Project Description

Replace existing rubber roof add city spec of R-30 insulation

Project Justification

Roof sections are 20 to 30 years old, installation is damaged due to water infiltration. Roofs have exceed their life span. Water damage to walls need to be repaired.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$1,730,000		$1,730,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019					☐
2020					☐
2021					☐
2022					☐
2019					☐
2020		$1,730,000			☐
2021					☐
2022					☐
2023					☐
Total		$1,730,000			

Other Funding Source Description

Submitted Revolving Fund Application 9/21/16.

Operating Budget Impact

Reduces utility costs.

Project Title **ID** 141616

PHS - Roof Replacement - Engineering

School Department

Division School Maintenance

Classification Facilities

Project Description

Install R-30 insulation and new membrane roof as well as strengthen structural supports as required to meet current code. Skylights will also need to be replaced and some interior wall repair may also be required where previous water infiltration has impacted the structure.

Project Justification

The membrane roof over the wood deck of the original 1863 school building has been in place for over 25 years and is in very poor condition. The 25+ year old membrane roof over the gravel surfaced coal tar built up roof and concrete deck of the 1919 addition is also in very poor condition. The 1991 addition roof is in fair condition, but should be replaced in the next 2-3 years. The connector roof between the 1863 and 1919 structures is in good condition and could last another 15+ years with proper maintenance. The majority of the steel beam, girder-purlin roof structure of the 1919 addition will support the planned roof replacement, but some structural reinforcement will be required to meet current code. Likewise, the timber girder structure of the 1863 building will require structural reinforcement. Kalwall panels on skylights are also failing with no manufacturer recommended coatings to prolong the life of the panels.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$130,000		$1,730,000		$1,730,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019					☐
2020					☐
2021					☐
2022					☐
2019					☐
2020		$1,730,000			☐
2021					☐
2022					☐
2023					☐
Total		$1,730,000			

Other Funding Source Description

Operating Budget Impact

Reduces utility costs.

Project Title **ID** 141616

PHS - Roof Replacement

School Department

Division School Maintenance

Classification Facilities

Project Description

Replace existing rubber roof add city spec of R-30 insulation

Project Justification

Roof sections are 20 to 30 years old, installation is damaged due to water infiltration. Roofs have exceed their life span. Water damage to walls need to be repaired.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
				$1,730,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019					☐
2020					☐
2021					☐
2022					☐
2019					☐
2020		$1,730,000			☐
2021					☐
2022					☐
2023					☐
Total		$1,730,000			

Other Funding Source Description

Submitted Revolving Fund Application 9/21/16.

Operating Budget Impact

Reduces utility costs.

Project Title **ID** 141616

PHS - Roof Replacement

School Department

Division School Maintenance

Classification Facilities

Project Description

Replace existing rubber roof add city spec of R-30 insulation

Project Justification

Roof sections are 20 to 30 years old, installation is damaged due to water infiltration. Roofs have exceed their life span. Water damage to walls need to be repaired.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$1,730,000		$1,730,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019					☐
2020					☐
2021					☐
2022					☐
2019					☐
2020		$1,730,000			☐
2021					☐
2022					☐
2023					☐
Total		$1,730,000			

Other Funding Source Description

Submitted Revolving Fund Application 9/21/16.

Operating Budget Impact

Reduces utility costs.

Project Title **ID** 141616

PHS - Roof Replacement

School Department

Division School Maintenance

Classification Facilities

Project Description

Replace existing rubber roof add city spec of R-30 insulation

Project Justification

Roof sections are 20 to 30 years old, installation is damaged due to water infiltration. Roofs have exceed their life span. Water damage to walls need to be repaired.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
				$1,730,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019					☐
2020					☐
2021					☐
2022					☐
2019					☐
2020		$1,730,000			☐
2021					☐
2022					☐
2023					☐
Total		$1,730,000			

Other Funding Source Description

Submitted Revolving Fund Application 9/21/16.

Operating Budget Impact

Reduces utility costs.

Project Title **ID** 173422

DHS - Fire Sprinkler System Installation

School Department

Division School Maintenance

Classification Facilities

Project Description

Provide new underground water service, create new fire sprinkler (valve) room, run piping throughout both buildings (including attics and crawl spaces), integrate systems (wet and dry) with fire alarm system plus miscellaneous connections and repairs

Project Justification

Deering has limited, partial sprinkler protection in the 1982 addition only leaving about 185,000 SF of occupied space and about 60,000 SF of attic and crawl space unprotected.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$1,255,130		$1,255,130

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019	$1,255,130				☐
2020					☐
2021					☐
2022					☐
2023					☐
Total	$1,255,130				

Other Funding Source Description

Submitted Revolving Fund Application 9/21/16.

Operating Budget Impact

Project Title **ID** 173448

Moore - Fire Alarm System Replacement - Engineering and Installation

School Department

Division School Maintenance

Classification Facilities

Project Description

Replace antiquated system with fully addressable system

Project Justification

1980's vintage conventional zoned FCI control panel system does not comply with current code. Occupant notification has been updated to comply with ADA requirements in only 1/3 of the building.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$20,000		$250,000		$270,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$270,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$270,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 173552

King - Fire Alarm System Replacement - engineering and installation

School Department

Division School Maintenance

Classification Facilities

Project Description

Update fire alarm system to be fully adddressable

Project Justification

The fire alarm control panel is a Simplex 4002 series conventional zoned system. Occupant notification is not compliant with current code or ADA except in health station.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$20,000		$250,000		$270,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$270,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$270,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 173556

School Bus Replacements

School Department

Division Transportation

Classification Vehicles

Project Description

Purchase two small, type A, 14 passenger buses

Project Justification

Scheduled replacements per Transportation ten year plan

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$737,065	$737,065

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2018		$132,000	$132,000		☑
2019		$97,000			☐
2020					☐
2021					☐
2022		$508,065			☐
2023					☐
Total		$737,065	$132,000		

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 184112

Energy Management Control Upgrades

School Department

Division School HVAC

Classification Facilities

Project Description

Our controls contractor has been recommending an upgrade for over ten years. We were able to update the software this year and hope to start replacing servers and other devices in the coming year.

Project Justification

Antiquated building automation system is no longer supported by original vendor.

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$50,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$50,000			

Other Funding Source Description

Operating Budget Impact

Upgrading the system will allow us to better manage our utility infrastructure and, thus, reduce opersting costs.

Project Title **ID** 184311

District Phone System

School Department

Division Administration

Classification Equipment

Project Description

Current VOIP system with call manager is no longer supported by the vendor

Project Justification

The Portland Public Schools depends on VOIP for virtually all of its telephone communications

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$335,000	$335,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$335,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$335,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 184336

DHS Kitchen Remodel/Upgrade

School Department

Division School Maintenance

Classification Facilities

Project Description

$50,000 for an architect and kitchen designer for site work and plans in FY19 and $200,000 (possibly more) for the project in FY20.
Replace serving lines with refrigerated units. Move the steamer, ovens, tilt skillet and dishwasher in the back of the house, and salad bar units and service stations in the front of the house.
In order to update the equipment, siginificant electrical upgrades would be needed.

Project Justification

The last update was in the 1990's, since that time both health codes and school meal requirements have changed dramatically.
This will change the flow of the serving area to better utilize the space, and not have to move equipment daily to minimize the wear and tear that is currently on the units in the front of the house.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$50,000		$200,000		$250,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$50,000			☐
2020		$200,000			☐
2021					☐
2022					☐
2023					☐
Total		$250,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 184355

King - Boiler Replacement

School Department

Division School HVAC

Classification Facilities

Project Description

Replace two steam boliers nearing the end of their useful life with two hot water gas condensing boilers as well as replace piping and other accessories as required.

Project Justification

The interior sheet and tubes have failed on boiler #2 and it is offline (tagged out). Boiler # 1 is in fair condition, but City HVAC remains confident that we will make it through this heating season. However, as of today, there is no redundancy for heat at King.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$50,000		$450,000		$500,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$500,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$500,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 194983

Lincoln ADA accessibility and secure entry vestibule

School Department

Division School Maintenance

Classification Facilities

Project Description

Install new granite steps and ADA compliant ramp and railings along with relocating the office to the front of the building and creating a secure entrance vestibule at the top of the stairs/ramp.

Project Justification

The current main entrance into Lincoln Middle School from Stevens Avenue is up a flight of irregular height (9" high) granite steps with the office across the hall from the main entrance with limited visibility of anyone entering or exiting the facility except when they request to be buzzed in and are seen on the camera.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$71,200		$640,926		$712,126

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$712,126			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$712,126			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 194984

District ADA compliance upgrades

School Department

Division School Maintenance

Classification Facilities

Project Description

Our recent Facilities Assessment highlighted a number of ADA compliance issues across the district including building access, door hardware and sinks

Project Justification

This project would permit us to get a start on addressing these issues at schools that are not currently scheduled for major renovations

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$338,198		$338,198

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$338,198			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$338,198			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 14920

Criminal Investigation Division Vehicles Replacement - Police

Vehicle Maintenance

Division Police Department

Classification Vehicles

Project Description

Four CID Program vehicles (Impala or similar) @ $17,000 ($15,000 each; $2,000 upfitting (electronics/lights)) Note that Toughbook is not included in the upfit figures.

Project Justification

scheduled replacements

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$340,000	$340,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$68,000			☐
2020		$68,000			☐
2021		$68,000			☐
2022		$68,000			☐
2023		$68,000			☐
Total		$340,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 14962

Sidewalk Tractors Replacement (1 Peaks)

Vehicle Maintenance

Division Public Works

Classification Vehicles

Project Description

Sidewalk tractor with straight plow, vee plow, snow blower, sander, dump body, and sweeper. The City must replace 3 tractors every 2 years to maintain the existing fleet. This request is for 1 tractor for Peaks Island.

Project Justification

scheudled replacements

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$1,745,000	$1,745,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2015		$270,000	$135,000		☑
2017		$280,000	$280,000		☑
2018		$280,000	$280,000		☑
2019		$150,000			☐
2020		$300,000			☐
2021		$150,000			☐
2022		$300,000			☐
2023		$150,000			☐
Total		$1,880,000	$695,000		

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 14963

Mower Hill Climber 10' Replacement - Parks 7158

Vehicle Maintenance

Division Recreation and Facilities

Classification Vehicles

Project Description

10' hill mower

Project Justification

Current unit is a model year 1999 and life to date maintenance costs total $12,500. This unit is used by Districting for open space and hill mowing. The unit is aging and not reliable. A new unit will decrease down time and maintenance costs.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$60,000	$60,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$60,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$60,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 14990

1 Ton Dump Truck Replacement - Parks 3101

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 1997 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 Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$65,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$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** 14993

1 Ton Dump Truck Replacement - Parks 3103

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 Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$65,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$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** 14998

TA Dump Truck Replacement - Districting 3096

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 singl

5 Year Cost Summary

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

Funding Source

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

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 141114

Car 7 & Service Truck 2 Replacement - Fire

Vehicle Maintenance

Division Fire Department

Classification Vehicles

Project Description

Both Car7 and Service Truck 2 are in need of replacement. This request would combine these two vehicles into 1 and reduce fire fleet by 1. A 3/4 ton crew cab 4x4 shortbed pickup truck with liftgate is proposed.

Project Justification

Schedule replacement

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$40,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$40,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 141174

Grader Replacement - Winter 5096

Vehicle Maintenance

Division Public Works

Classification Vehicles

Project Description

1996 road grader for plowing. This proposal is to purchase a late model used motor grader for winter operations.

Project Justification

scheduled replacement

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$225,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$225,000			

Other Funding Source Description

Operating Budget Impact

Cost of new replacement is $400k and capital monies will be saved by purchasing late model used.

Project Title **ID** 141197

SA Dump Truck Replacement - Winter 3115

Vehicle Maintenance

Division Public Works

Classification Vehicles

Project Description

2000, 35000 gvw dump w/ plow, sander, calcium

Project Justification

scheduled replacement

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$170,000	$170,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$170,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$170,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 141199

SA Dump Truck Replacement - Peaks 3114

Vehicle Maintenance

Division Public Works

Classification Vehicles

Project Description

2000, 35000 gvw dump w/ plow, sander, calcium

Project Justification

scheduled replacement

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$170,000	$170,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$170,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$170,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 141233

3/4 Ton Pickup Replacement - Parks 2203

Vehicle Maintenance

Division Recreation and Facilities

Classification Vehicles

Project Description

2001 3/4 ton work truck

Project Justification

scheduled replacement

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$40,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$40,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 141234

3/4 Ton Pickup Replacement - PDD 2204

Vehicle Maintenance

Division Public Works

Classification Vehicles

Project Description

2001 3/4 ton pickup/ PDD supervisor

Project Justification

scheduled replacement

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$38,000	$38,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$38,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$38,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 141239

Compact Pickup Replacement - PDD 2060

Vehicle Maintenance

Division Public Works

Classification Vehicles

Project Description

2002 compact pickup 4 wd

Project Justification

scheduled replacement

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$25,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$25,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 141244

1 Ton Dump Truck Replacement - Peaks 2508

Vehicle Maintenance

Division Public Works

Classification Vehicles

Project Description

2003 1 ton dump

Project Justification

scheduled replacement. Gas engine or add $8000 for diesel

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$70,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$70,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 141249

zSO1 1/2 Ton Pickup Replacement - Street Opening 2015

Vehicle Maintenance

Division Public Works

Classification Vehicles

Project Description

2004 1/2 ton pickup

Project Justification

scheduled replacement

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$25,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$25,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 141549

3/4 Ton Utility Van Replacement - Trades 2006

Vehicle Maintenance

Division Recreation and Facilities

Classification Vehicles

Project Description

2001 3/4 ton utility van

Project Justification

scheduled replacement

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$25,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$25,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 141568

Wheel Loader Replacement - Trades 5006

Vehicle Maintenance

Division Recreation and Facilities

Classification Vehicles

Project Description

1998 wheel loader w/ plow

Project Justification

scheduled replacement

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$180,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$180,000			

Other Funding Source Description

Trade existing loader and purchase new on NJPA contract

Operating Budget Impact

Project Title **ID** 141804

Police Cruisers (7)) Replacement - Police

Vehicle Maintenance

Division Police Department

Classification Vehicles

Project Description

Yearly replacement of 7 marked police cruisers @$38,000 each ($25,000 each plus upfit of $7,000 and Watchguard unit of $6,000). Note that Toughbook for each vehicle is not included in the upfit price.

Project Justification

scheduled replacement

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$2,438,000	$2,438,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2014		$266,000	$265,000		☑
2015		$266,000	$265,000		☑
2016		$266,000	$160,000		☑
2017		$266,000	$152,000		☑
2018		$266,000	$266,000		☑
2019		$266,000			☐
2020		$266,000			☐
2021		$266,000			☐
2022		$266,000			☐
2023		$266,000			☐
Total		$2,660,000	$1,108,000		

Other Funding Source Description

Operating Budget Impact

Reduced fuel consumption by replacing 8 cylinder Crown Victoria with 6 cylinder Ford Police Interceptor

Cost Estimate:
Interceptor Sedan - $25,000 ea
Upfitting equip:
- Lights, mounts, seats, partitions, siren, etc - $5,500 ea
- Watchguard Video - $5,500 ea
- Paint and Lettering - $1,000 ea
- Misc Computer Equip - $1,000

Project Title **ID** 152125

3/4 Ton Utility Van Replacement - Trades 2045

Vehicle Maintenance

Division Recreation and Facilities

Classification Vehicles

Project Description

2000 Ford E150

Project Justification

Scheduled Replacement

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2021					☐
2019		$25,000			☐
2020					☐
2022					☐
2023					☐
Total		$25,000			

Other Funding Source Description

Operating Budget Impact

Reduced maintenance costs

Project Title **ID** 163058

Loader DPS 5116

Vehicle Maintenance

Division Public Works

Classification Vehicles

Project Description

2001 Komatsu loader

Project Justification

scheduled replacment

5 Year Cost Summary

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

Funding Source

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

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 184106

Electric Car - Inspections 1025 Lease Ends

Vehicle Maintenance

Division Permitting & Inspections

Classification Vehicles

Project Description

Purchase off lease Nissan Leaf or two year lease

Project Justification

2 year lease on Inspections electric vehicle 1025 expires in August 2018

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$15,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$15,000			

Other Funding Source Description

Operating Budget Impact

Reduced operational costs

Project Title **ID** 184261

3/4 Ton Pickup - PRF - Rangers - 2037

Vehicle Maintenance

Division Recreation and Facilities

Classification Vehicles

Project Description

2004 Chevrolet 1500 replace with 3/4 ton with plow so it can help in winter ops

Project Justification

scheduled replacement

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$38,000	$38,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$38,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$38,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 184266

3/4 Ton Pickup - PRF Parks - 2202

Vehicle Maintenance

Division Recreation and Facilities

Classification Vehicles

Project Description

2001 Ford F250

Project Justification

scheduled replacement

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$40,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$40,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 184270

3/4 Ton Pickup - PRF Ballfields - 2199

Vehicle Maintenance

Division Recreation and Facilities

Classification Vehicles

Project Description

2001 Ford F250

Project Justification

scheduled replacement

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$40,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$40,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 184284

3/4 Ton Utility Van DPW Traffic 2019

Vehicle Maintenance

Division Public Works

Classification Vehicles

Project Description

2001 GMC Utility Van

Project Justification

scheduled replacement

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$25,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$25,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 194730

Ambulance Replacement

Vehicle Maintenance

Division Fire Department

Classification Vehicles

Project Description

Replace Mainland Ambulance

Project Justification

The Fire Department maintains 5 frontline ambulances with a 4 year life cycle. To maintain this cycle which has led to increased up time of the City's ambulances we purchase 1 unit every year and 2 units every 4th year. Two units were purchase in FY18 and this request is for 1 unit

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$1,440,000	$1,440,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$240,000			☐
2020		$240,000			☐
2021		$240,000			☐
2022		$480,000			☐
2023		$240,000			☐
Total		$1,440,000			

Other Funding Source Description

Operating Budget Impact

Reduced maintenance costs and equipment downtime.

Project Title **ID** 194733

Trash and Recycling Trucks

Vehicle Maintenance

Division Public Works

Classification Vehicles

Project Description

Purchase replacement rubbish and recycling collection vehicles

Project Justification

9 rubbish packers are used for curbside reycling and trash collectoin on the mainland. 7 of the nine are now over 10 years old and not reliable. The City should purchase 3 packers each of the next two years and one every year going forward to increase reliablility and decrease downtime. This request is for 2 automated and 1 rear load rubbish packers.

FY19 - 2 automated at $300k each and 1 rear load at $250k = $850k
FY20 - 2 automated at $300k each and 1 rear load at $250k = $850k
FY21 - 1 rear loat at $250k
FY22 - 1 rear load at $250k
FY23 - 1 rear load at $250k

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$2,450,000	$2,450,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$850,000			☐
2020		$850,000			☐
2021		$250,000			☐
2022		$250,000			☐
2023		$250,000			☐
Total		$2,450,000			

Other Funding Source Description

Operating Budget Impact

Reduced maintenance costs

Project Title **ID** 194824

Replace EV Parks 1026 Lease Ends

Vehicle Maintenance

Division Recreation and Facilities

Classification Vehicles

Project Description

Parks Nissan Leaf 1026 Lease expires August 2018

Project Justification

Replace leased vehicle

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$15,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$15,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 194825

Replace Utility Truck - DPW Traffic 2515

Vehicle Maintenance

Division Public Works

Classification Vehicles

Project Description

1996 one ton utility truck

Project Justification

Increased relaiability

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$62,000	$62,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$62,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$62,000			

Other Funding Source Description

Operating Budget Impact

Decrease maintenance costs and downtime

Project Title **ID** 194847

Compact Pickup Replacement - PRF Ballfields

Vehicle Maintenance

Division Recreation and Facilities

Classification Vehicles

Project Description

Compact 4x4 pickup truck

Project Justification

Scheduled replacement

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$25,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$25,000			

Other Funding Source Description

Operating Budget Impact

Reduced maintenance costs and downtime

Project Title **ID** 194885

zSO2 1/2 Ton Pickup - DPW Street Open 2040

Vehicle Maintenance

Division Public Works

Classification Vehicles

Project Description

2005 Chevrolet Colorado

Project Justification

Scheduled replacement

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$25,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$25,000			

Other Funding Source Description

Operating Budget Impact

Reduced maintenance cost

Project Title **ID** 194887

Compact Pickup DPW Engineers 2051

Vehicle Maintenance

Division Public Works

Classification Vehicles

Project Description

2001 Chevrolet S10

Project Justification

Scheduled replacement

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$25,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$25,000			

Other Funding Source Description

Operating Budget Impact

Reduced maintenance cost

Project Title **ID** 141793

CMOM - Sewer System Renewal

Water Resources

Division Sewer

Classification Wastewater

Project Description

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

Project Justification

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

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$1,290,000		$14,810,000		$16,100,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2014		$1,000,000	$1,000,000		☑
2015		$1,100,000	$1,100,000		☑
2016		$1,100,000	$1,100,000		☑
2017		$1,100,000	$1,100,000		☑
2018		$1,100,000	$1,100,000		☑
2019		$1,100,000			☐
2020		$3,200,000			☐
2021		$3,200,000			☐
2022		$3,200,000			☐
2023					☐
Total		$16,100,000	$5,400,000		

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 penalities as adminisistered by EPA. Based on our CSO Engineering Consultant recommendations, reoccuring sewer line replacement and upgrades could costs as much as $3,000,000 per year.

Project Title **ID** 141794

Stormwater Infrastructure Improvements

Water Resources

Division Stormwater

Classification Streets/Sidewalks

Project Description

The project would involve the design and construction of added storm drainage piping, catch basins and other improvements addressing neighborhood street and property flooding issues as well as stormwater pipe failures. Project funds would be used within public rights of way, and within private property affecting public right of way, where existing drainage systems are inadequate.

Project Justification

The project funds would address on going complaints about drainage system deficiences within the City's storm drainage system and addresses neighborhood issues that the Department receives request to correct from residents, City Councilors and or staff. 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
		$1,600,000		$1,600,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$200,000			☐
2020		$200,000			☐
2016		$200,000	$200,000		☑
2017		$200,000	$200,000		☑
2018		$200,000	$200,000		☑
2021		$200,000			☐
2022		$200,000			☐
2023		$200,000			☐
Total		$1,600,000	$600,000		

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 152331

Stormwater Retrofits on Riverside Street

Water Resources

Division Stormwater

Classification Wastewater

Project Description

This project, recommended in the Watershed Management Plan, involves installation of 3 small gravel wetland retrofits in failing or poorly-performing detention basins on two private parcels on Riverside Street. This small (10 AC) commercial catchment is 72% impervious and these retrofits will provide high quality stormwater treatment for almost half of that area

Project Justification

Capisic Brook does not meet State water quality standards and has been designated as an Urban Impaired Stream. Citing the link between developed land (i.e.: impervious area) and water quality impairment, the State developed an Impervious Cover TMDL for Capisic Brook that sets targets for reducing the impacts of stormwater runoff from developed areas. Under the Clean Water Act the City is required to develop and implement a plan for mitigating the impacts of stormwater runoff and restoring water quality in the brook. The Capisic Brook Watershed Management Plan was approved by the Maine Department of Environmental Protection and adopted by the City in December of 2012. Construction of this project would implement one of several structural stormwater retrofits listed in the watershed management plan and help reduce the impact of polluted stormwater runoff on the brook.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$185,000		$185,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$185,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$185,000			

Other Funding Source Description

Operating Budget Impact

A small amount of funding will be needed in the years leading up to this plan to address legal and planning issues associated with such a public-private partnership. However, this work will benefit future efforts of a similar nature.

Project Title **ID** 152384

CSO - Close CSO #42

Water Resources

Division Sewer

Classification Wastewater

Project Description

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

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
$175,000		$500,000		$675,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2015		$75,000	$75,000		☑
2019		$100,000			☐
2020		$500,000			☐
2021					☐
2022					☐
2023					☐
Total		$675,000	$75,000		

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 152461

CMOM - Pump Station Rehabilitation

Water Resources

Division Sewer

Classification Stationary Equipment

Project Description

The following projects were recommended to be completed:
Curtis Pump Station Engineering
Riverton Replacement with Submersible Pump Station
Franklin Street Pump Station Improvements
Castine Replacement of Security Fence
SCADA and Hardware Updates
Flowmeters at Pump Stations

Project Justification

Recommendations in the CMOM report which was done by Woodard and Curran.
Also from the I & I Study

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$5,800,000		$5,800,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2015		$682,000	$680,000		☑
2016		$670,000	$670,000		☑
2017		$1,100,000	$1,100,000		☑
2018		$670,000	$670,000		☑
2019		$670,000			☐
2020		$670,000			☐
2021		$670,000			☐
2022		$670,000			☐
2023					☐
Total		$5,802,000	$3,120,000		

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 173179

CMOM - Inflow and Infiltration Program

Water Resources

Division Sewer

Classification Wastewater

Project Description

The I&I Reduction Program: A practical and systematic I&I reduction effort that is conducted strategically and opportunistically will reduce I&I flows over time and future treatment costs. I&I reduction will:

- Decrease operations and maintenance costs including pumping and treatment costs associated with extraneous flows
- Increase compliance performance and
- Potentially reduce compliance related costs

Project Justification

According to the EPA Clean Water Act Administrative Order Docket No 12-009
CMOM Corrective Action Implementation Schedule outlines a three Phase I&I Reduction Plan. Phase I and Phase II are to be developed and submitted between January 2015 and December 1, 2019. The data compiled during this time frame will determine the extent of Phase III. The scope of the project in the CMOM includes A phase I report that includes flow metering results and identifies all sub-catchment areas that that have I&I flows in excess of 4,000GPD per inch diameter/mile of sewer.
CIP Fiscal 2017 and 2018 (July 2016-June 2019) is a short time to accomplish both phase I and II. Phase III will be a mitigation plan.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$1,800,000		$3,000,000		$4,800,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$750,000	$750,000		☑
2018		$260,000	$260,000		☑
2019		$790,000			☐
2020		$1,000,000			☐
2021		$1,000,000			☐
2022		$1,000,000			☐
2023					☐
Total		$4,800,000	$1,010,000		

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 184173

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) Discagre 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. Additionaly 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 sustainaibility.

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

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2018		$1,000,000	$1,000,000		☑
2019		$400,000			☐
2020		$1,100,000			☐
2021					☐
2022					☐
2023					☐
Total		$2,500,000	$1,000,000		

Other Funding Source Description

Project Title	**ID**	184173

Operating Budget Impact

Project Title **ID** 184177

Bedford Street Sewer Separation Project

Water Resources

Division Sewer

Classification Wastewater

Project Description

The Bedford St 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 Bedford Street to Brighton Ave. This will connect to a project done by DOT called the USM Roundabout which will have sewer separation and greed infrastructure incorportated into it.

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 1 and would separate 39.11 acreas from the combined sewer system.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$8,500,000		$8,500,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$8,500,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$8,500,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 184195

Thames St Sewer / Stormwater Extension

Water Resources

Division Sewer

Classification Wastewater

Project Description

The city will be extending Thames St towards 58 Fore St Portland Complex and ultimately Fore Street. This request is for inclusion of the necessary City Utility systems; ie extension of the sewer and storm drain systems.

Project Justification

This public street can not be extended without provision of necessary wastewater & drainage systems.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$50,000		$250,000		$300,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2018		$75,000	$75,000		☑
2019		$225,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$300,000	$75,000		

Other Funding Source Description

Operating Budget Impact

Addition of several hundred linear feet of Utility systems will require O&M via annual budget funds.

Project Title **ID** 184196

Thames St Stormwater Outfall

Water Resources

Division Stormwater

Classification Wastewater

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.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$100,000		$750,000		$850,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2018		$100,000	$100,000		☑
2019		$750,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$850,000	$100,000		

Other Funding Source Description

Operating Budget Impact

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

Project Title **ID** 184370

Pavement Preservation Program - Utility costs

Water Resources

Division Sewer

Classification Streets/Sidewalks

Project Description

Paving activity requires that sewer and stormwater structures be adjusted and/or repaired. Typical contract costs show that 5% of the paving program value is spent on such activity.

Project Justification

Paving requires that structures be adjusted, and Water Resources staff have advised that building those costs into the contracted work is preferred.

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2018		$200,000	$200,000		☑
2019		$200,000			☐
2020		$200,000			☐
2021		$200,000			☐
2022		$200,000			☐
2023		$200,000			☐
Total		$1,200,000	$200,000		

Other Funding Source Description

NOTE - the $200,000 estimated annual cost is 5% of the $4M annual request in the General Fund.

Operating Budget Impact

Minimizes costs to annual budgets and eliminates scheduling logistics.

Project Title **ID** 184372

MPI/CPR Paving Programs - Utility costs

Water Resources

Division Sewer

Classification Streets/Sidewalks

Project Description

Oct 18, 2017: MaineDOT has added a new paving program named "CPR". The depth of pavement added is minimal, yet utility covers may require adjustment or repair. Specific streets to receive CPR paving in 2018 include Park Avenue and Valley Street.

Prior Cycle Info:
Paving activity triggers adjustment and/or repair of sewer & stormwater structures. Typical paving contract costs show that 5% of the value is for this sewer & stormwater structure work.
FY18 request was for PACTS awarded Allen Ave project; FY19 request is a combination of Allen & Washington Avenue goals.
FY20 goals include Brighton Ave.

Project Justification

These costs are triggered each time the City is awarded leveraged paving funds by MaineDOT or PACTS. Water Resources prefers that the necessary work is made part of the paving contract.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$300,000		$3,407,650		$3,707,650

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2018	$137,500	$13,750	$13,750		☑
2019	$1,329,350	$127,050			☐
2020	$500,000	$25,000			☐
2021	$500,000	$25,000			☐
2022	$500,000	$25,000			☐
2023	$500,000	$25,000			☐
Total	$3,466,850	$240,800	$13,750		

Other Funding Source Description

FY18 = PACTS awarded Allen Ave 50% leveraged project; General Fund request of 45% Local Match, Sewer to supply 5%.
FY19 = PACTS & MaineDOT awards include Washington Ave, Allen Ave, Park Ave., and Valley Street.
FY20-23 requests are tied to General Fund requests being made; adjustments are likely.

Operating Budget Impact

Minimizes annual budget costs and eliminates scheduling logistics.

Project Title **ID** 184374

Street Rehab Program - Utility costs

Water Resources

Division Sewer

Classification Streets/Sidewalks

Project Description

General Fund requests contain 70% of total estimated costs for Street rehabilitation work; Sewer Fund request is for the remaining 30%. See General Fund item for full description & examples of candidate streets.

Project Justification

Each street the City rehabilitates requires City sewer and stormwater utility work ranging from simple adjustments to full upgrades. Contract experience shows that 30% of such project costs are attributed to sewer and/or stormwater. This is a companion request to a General Fund Program request.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$600,000		$5,400,000		$6,000,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$1,200,000			☐
2020		$1,200,000			☐
2021		$1,200,000			☐
2022		$1,200,000			☐
2023		$1,200,000			☐
Total		$6,000,000			

Other Funding Source Description

General Fund CIP companion request for 70% of total program estimates; Sewer Fund CIP = 30%.

Operating Budget Impact

Achieving upgrades during street rehab minimizes maintenance and future capital costs.

Project Title **ID** 184376

PACTS Paving - ineligible Utility costs

Water Resources

Division Sewer

Classification Streets/Sidewalks

Project Description

Paving activity triggers adjustment and/or repair of sewer & stormwater structures. These are ineligible costs and are entirely borne by the City. Sewer Fund companion request for 5% of total program value above & beyond our 25% Local Match obligations.
Each PACTS funding cycle will trigger these ineligible costs.
FY19 = Allen, Cumberland, Danforth, and Washington Ave awarded projects.
FY21 = Projected awards for 2020-2023 construction

Project Justification

City utility systems in these paving projects must also be addressed; those ineligible costs are estimated at 5% above & beyond total value & requested via Sewer Fund. Water Resources prefers that the necessary work is made part of the paving contract.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$5,250,300		$5,250,300

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019	$1,020,300	$30,000			☐
2020					☐
2021	$3,000,000	$150,000			☐
2022					☐
2023	$1,000,000	$50,000			☐
Total	$5,020,300	$230,000			

Other Funding Source Description

FY19 = PACTS Collector Paving awards. FY21 = projected award amount for CY2020-2022. Separate General Fund requests exist for 95% of standard Local Match.

Operating Budget Impact

Minimizes annual budget costs and eliminates scheduling logistics.

Project Title **ID** 194798

Brighton - Dorset to Lomond Sewer Separation

Water Resources

Division Sewer

Classification Wastewater

Project Description

This project includes the sewer separation of Brighton Avenue from Lomond Street to Dorset street. The project will separate approximately 30 acres of watershed area currently tributary to CSO location #39. Along with separating area within Brighton Avenue, the project will also disconnect a large wooded wetland from the combined sewer and tie it into the new storm drain. The new storm drain will be routed down Rowe Avenue and a new outfall will be constructed down the Meriline paper street and discharge into inland wetland area which will eventually tie into a new storm drain outfall being constructed as part of the Rowe Avenue sewer separation project.

Project Justification

The goal of this project is to eliminate or significantly mitigate CSO activity at CSO # 39 which is a relief point along the City's Fore River Sewer interceptor system. CSO's from this location currently discharge into the Fore River tidal marsh system. The intent of this project aligns with the City's goal to reduce and eliminate CSO activity into it's water bodies.

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$1,000,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$1,000,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 194799

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.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$3,000,000		$3,000,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$3,000,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$3,000,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 194801

Warren - Hicks to Hemingway Sewer Separation

Water Resources

Division Sewer

Classification Wastewater

Project Description

This request is for a sewer separation project in the area of Warren Avenue between Hicks Street and Hemingway Street. There is currently 4 existing storm drains currently connected to the combined sewer. The project will extend an existing stormwater main from Hicks to Hemingway.

Project Justification

Currently, stormwater is captured in the combined sewer which has led to combined sewer overflows at CSO 42.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$400,000		$400,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$400,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$400,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 194802

Forest - Avalon to Warren Sewer Separation

Water Resources

Division Sewer

Classification Wastewater

Project Description

This request is for a sewer separation project in the area of Forest Avenue between Avalon Street and Warren Avenue. There is currently a separated stormwater pipe which collects runoff from 8 existing storm drains currently connected to the combined sewer. The project will install new stormwater pipe at a higher elevation so that this system can be connected to a existing storm drain instead of the combined sewer.

Project Justification

Currently, stormwater is captured in the combined sewer which has led to combined sewer overflows at CSO 42.

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$250,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$250,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 194904

Pump Station at 109 District Road

Water Resources

Division Sewer

Classification Wastewater

Project Description

Project Justification

Conversion of the existing 20,000 gallon septic storage tank to a pumping station.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$120,000		$120,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$120,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$120,000			

Other Funding Source Description

Operating Budget Impact

This project was part of the three phase upgrade proposal for the 109 District Road site. The existing tank would be retrofitted with a submersible sewage pump and and the necessary footage of 4" force main and 8" gravity main with appurtenant structures and fittings. This system would tie in to the city owned gravity sewer in Congress Street. The pump installation, control panel and emergency generator transfer switch would be installed by contractors. The force main and gravity system would be installed by Water Resources construction staff. The retrofitted system would serve the needs of both Water Resources and Solid Waste. Additionally, wash down and other runoff flow would be captured and conveyed as an improvement to our site oriented stormwater BMP's.

Project Title **ID** 194905

Bell Street Sewer Replacement

Water Resources

Division Sewer

Classification Wastewater

Project Description

A section of sewer under Bell Street needs replacement due to inadequate soils which have led to the sewer to sag.

Project Justification

Since the pipe is sagging in multiple spots, it is prone to blockages. This sewer deficiency has led to a sanitary sewer overflow in the past. The pipe is over 20 foot deep and cannot be rehabilitated and requires full replacement.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$50,000		$300,000		$350,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$350,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$350,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 141056

wr1 Street Sweepers Replacement

Vehicle Maintenance

Division Sewer Fund

Classification Vehicles

Project Description

Must replace 1 street sweeper per year to maintain the fleet

Project Justification

scheduled replacements

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$1,780,000	$1,780,000

Funding Request

Year	Other Funding	Requested Funding	Approved Funding	Funding Type	Approved
2015		$175,000	$175,000		☑
2016		$175,000	$175,000		☑
2017		$195,000	$195,000		☑
2018		$215,000	$215,000		☑
2019		$270,000			☐
2014		$165,000	$165,000		☑
2020		$195,000			☐
2021		$195,000			☐
2022		$195,000			☐
2023					☐
Total		$1,780,000	$925,000		

Other Funding Source Description

Operating Budget Impact

Decreased maintenance costs

Project Title **ID** 141209

wr2 Catch Basin Cleaning Vehicle Replacement - Sewer 3127

Vehicle Maintenance

Division Sewer Fund

Classification Vehicles

Project Description

2001, 35000 gvw truck w/ stetco, plow

Project Justification

scheduled replacement

5 Year Cost Summary

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

Funding Request

Year	Other Funding	Requested Funding	Approved Funding	Funding Type	Approved
2017		$100,000			☑
2019		$100,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$200,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 194812

wr3 Service Truck - DPW Water Resources

Vehicle Maintenance

Division Sewer Fund

Classification Vehicle - New (Not Replacement)

Project Description

Construction service truck to support the second of two construction teams.

Project Justification

This truck would provide all of the necessary support equipment relative to our ROW clearing/maintenance operations and our MS4 oriented system repairs. There are a number of used serviceable units on the market that would more thn meet our needs.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$60,000		$60,000

Funding Request

Year	Other Funding	Requested Funding	Approved Funding	Funding Type	Approved
2019		$60,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$60,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 194811

wr4 Hook Lift Truck - DPW Water Resources

Vehicle Maintenance

Division Sewer Fund

Classification Vehicle - New (Not Replacement)

Project Description

Hooklift system utilizes multiple dump truck bodies interchangeable on one cab and chassis.

Project Justification

A hook lift style truck allows for multiple body styles to be deployed on a single chassis. They make chassis much more versatile and lower costs by reducing the amount of chassis needed. All relevant supply materials (mixers, pipe, mortar, brick, sand, tools) could be delivered to two working job sites (construction and ROW work sites). Bodies wouls be rolled off thereby providing us with the flexibility to use the hooklift cab and chassis to perform standard dump truck operations.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$170,000	$170,000

Funding Request

Year	Other Funding	Requested Funding	Approved Funding	Funding Type	Approved
2019		$170,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$170,000			

Other Funding Source Description

Operating Budget Impact

Reduced capital costs by more efficient use of a single chassis.

Project Title **ID** 194813

wr5 Flail Mower - DPW Water Resources

Vehicle Maintenance

Division Sewer Fund

Classification Vehicle - New (Not Replacement)

Project Description

Skid steer mounted flail mower for maintenance and upkeep of newly cleared system ROW's.

Project Justification

Our ROW clearing program is now in full force with over two miles scheduled to be cleared before the end of calendar 2017. This flail mower unit will adapt to our Bobcat skid steer loader and will enable us to mow and maintain the newly cleared and grassed in ROW's.

5 Year Cost Summary

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

Funding Request

Year	Other Funding	Requested Funding	Approved Funding	Funding Type	Approved
2019		$15,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$15,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 194951

Back Cove South Storage Tank

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	Approved Funding	Funding Type	Approved
2019					☐
2020		$8,000,000			☐
2021					☐
2022					☐
2023					☐
Total		$8,000,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 173579

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

Waterfront

Division Waterfront

Classification Marine

Project Description

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

Project Justification

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

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

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$170,000	$170,000		☑
2019		$225,000			☐
2020		$225,000			☐
2021		$225,000			☐
2022		$225,000			☐
2023		$225,000			☐
Total		$1,295,000	$170,000		

Other Funding Source Description

Operating Budget Impact

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

Project Title **ID** 173582

Compass Park Ongoing pile/pier work

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 asesment 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 Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2018		$100,000			☑
2019		$100,000			☐
2020		$100,000			☐
2021					☐
2022					☐
2023					☐
Total		$300,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 173602

Replace OG Plaza Sidewalk

Waterfront

Division Waterfront

Classification Marine

Project Description

Replace concrete palza area.

Project Justification

Plaza area is built over fill on the oceans edge. Years of movment is causing trip hazards, cracks, spauling, etc to the concrete.

This area sees well over 200k people annually. Placing caution tape around the trip hazards is not ideal.

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$100,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$100,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 194844

Utility Upgrades

Waterfront

Division Waterfront

Classification Facilities

Project Description

Relocate and size utilities

Project Justification

Reduce the size of the utilities from an industrial use to a commercial use. Separate Portland Ocean Terminal from Oceangate Way so the existing mechanical room can be removed. This would allow for access to the building for commercial use.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$50,000		$450,000		$500,000

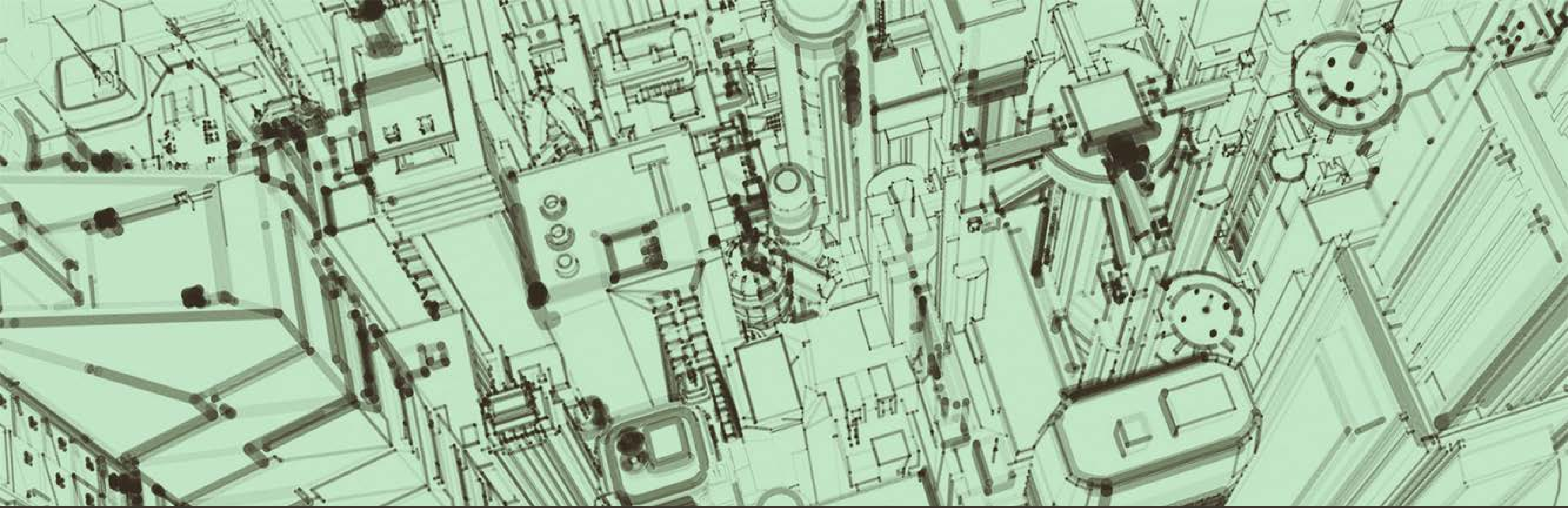
Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2019		$500,000			☐
2020					☐
2021					☐
2022					☐
2023					☐
Total		$500,000			

Other Funding Source Description

Operating Budget Impact

Would be able to generate revenue from the 30K sq ft unused space on the 2nd fl.



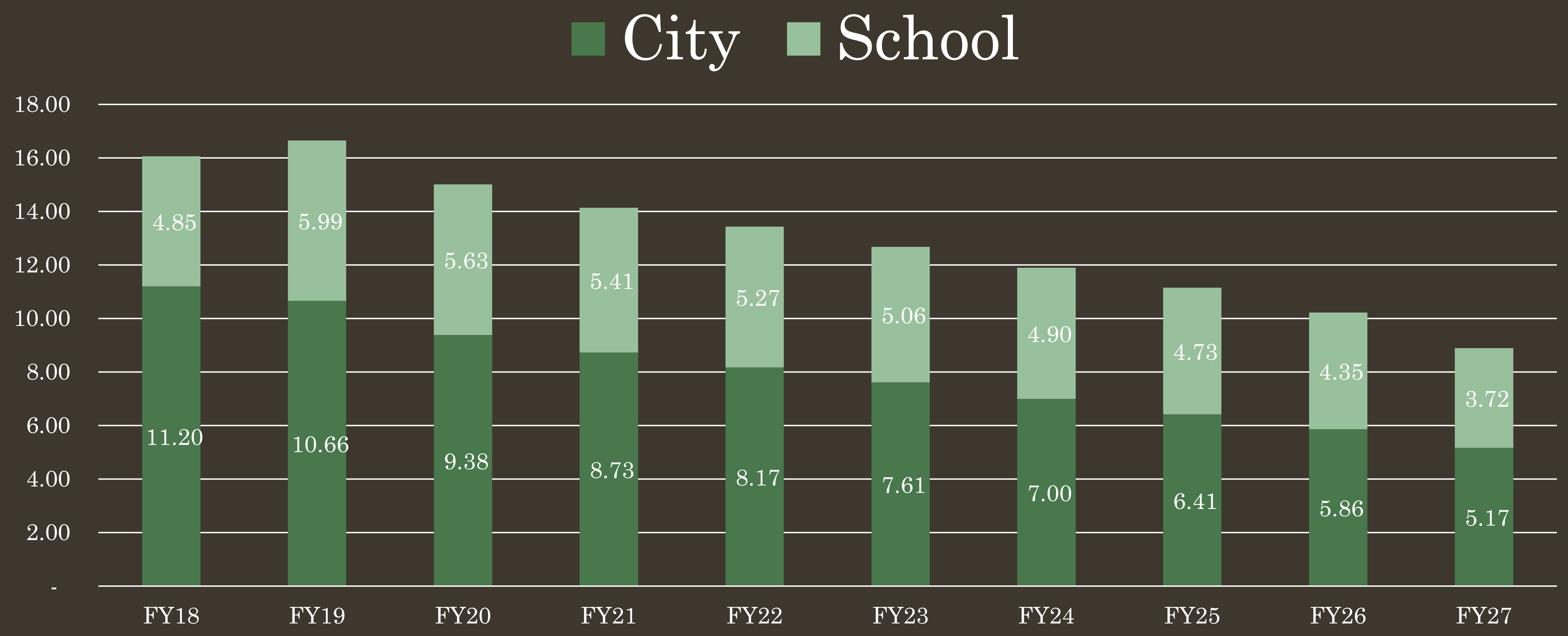
City Manager Recommended FY19 – FY23 Capital Improvement Plan

City of Portland, Maine

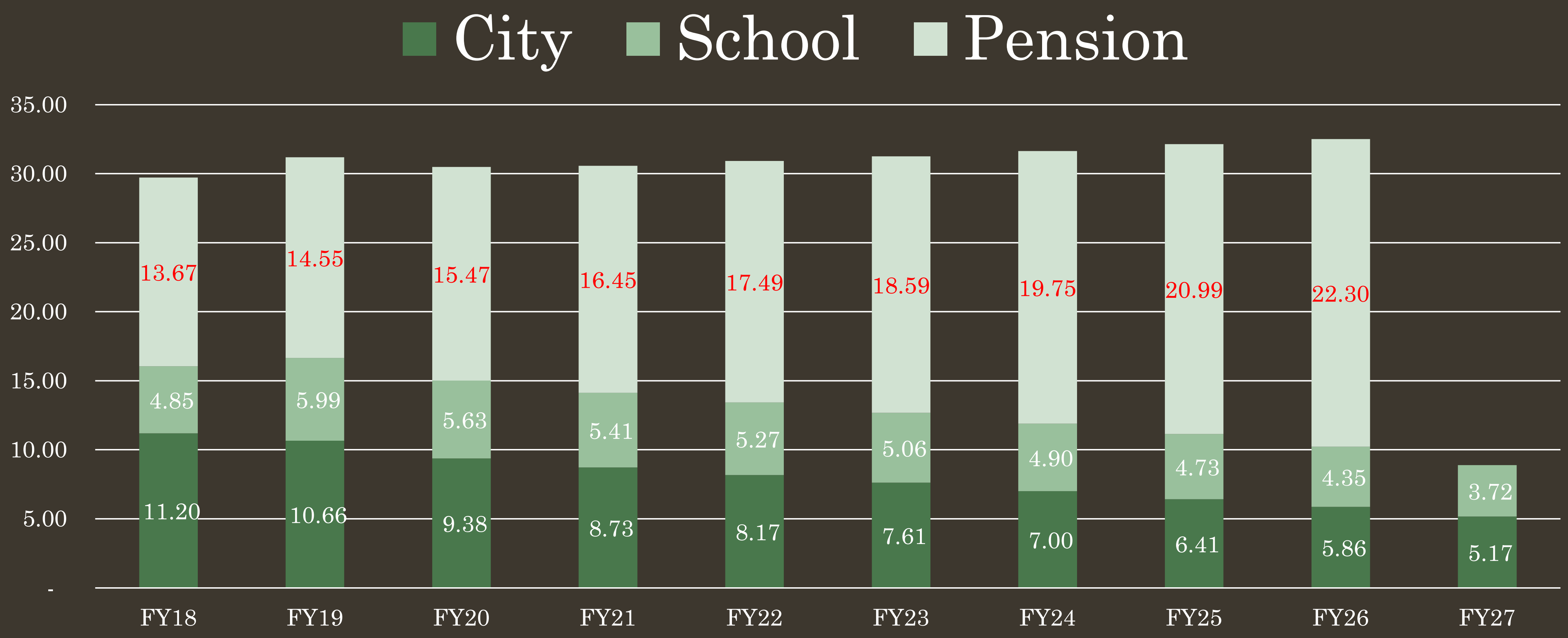
Topics: City Manager Recommended Capital Improvement Plan: FY19 through FY23

- Review existing and projected debt service by fiscal year
- Review recommended borrowing sizes for FY19 - FY23
- Items of note: FY19 through FY23 CIP
- Review FY19 City Manager Recommended CIP Project List (General Fund)

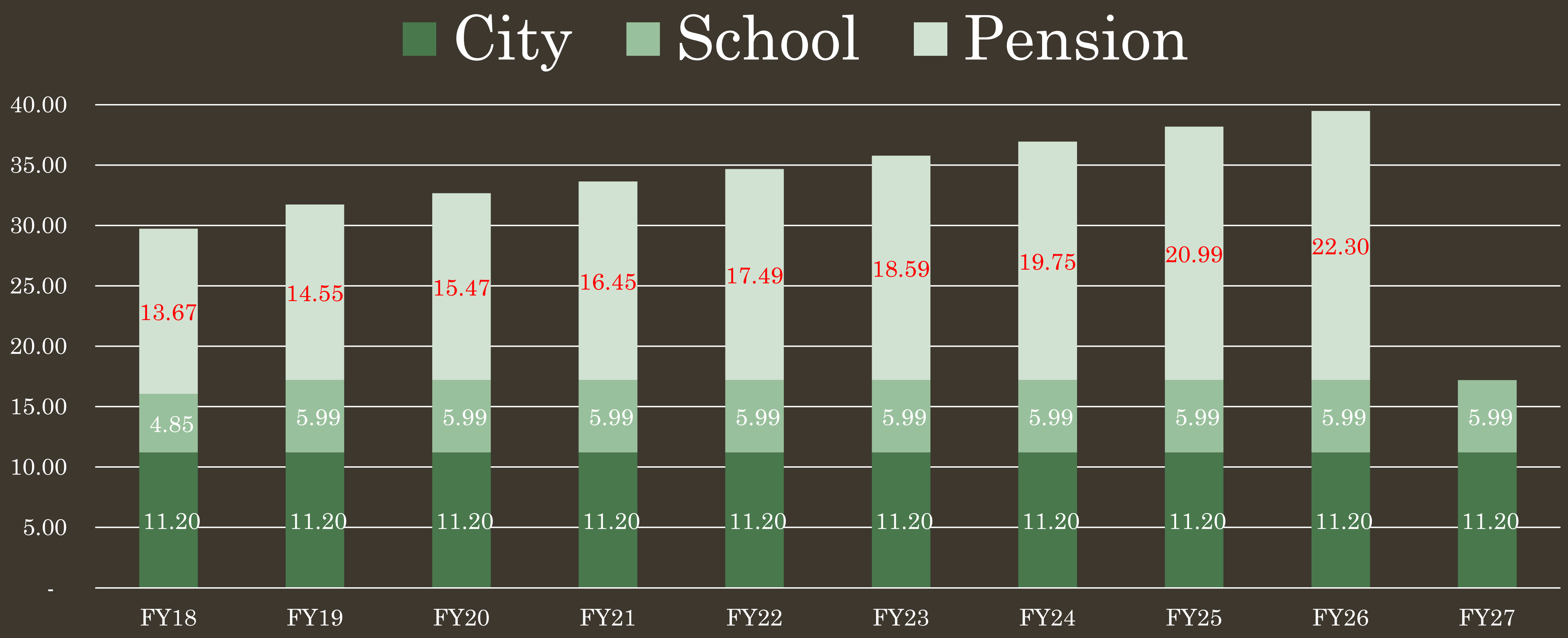
Total Existing City and School Annual Debt Service – Excluding Pension Obligation Bonds (in millions)



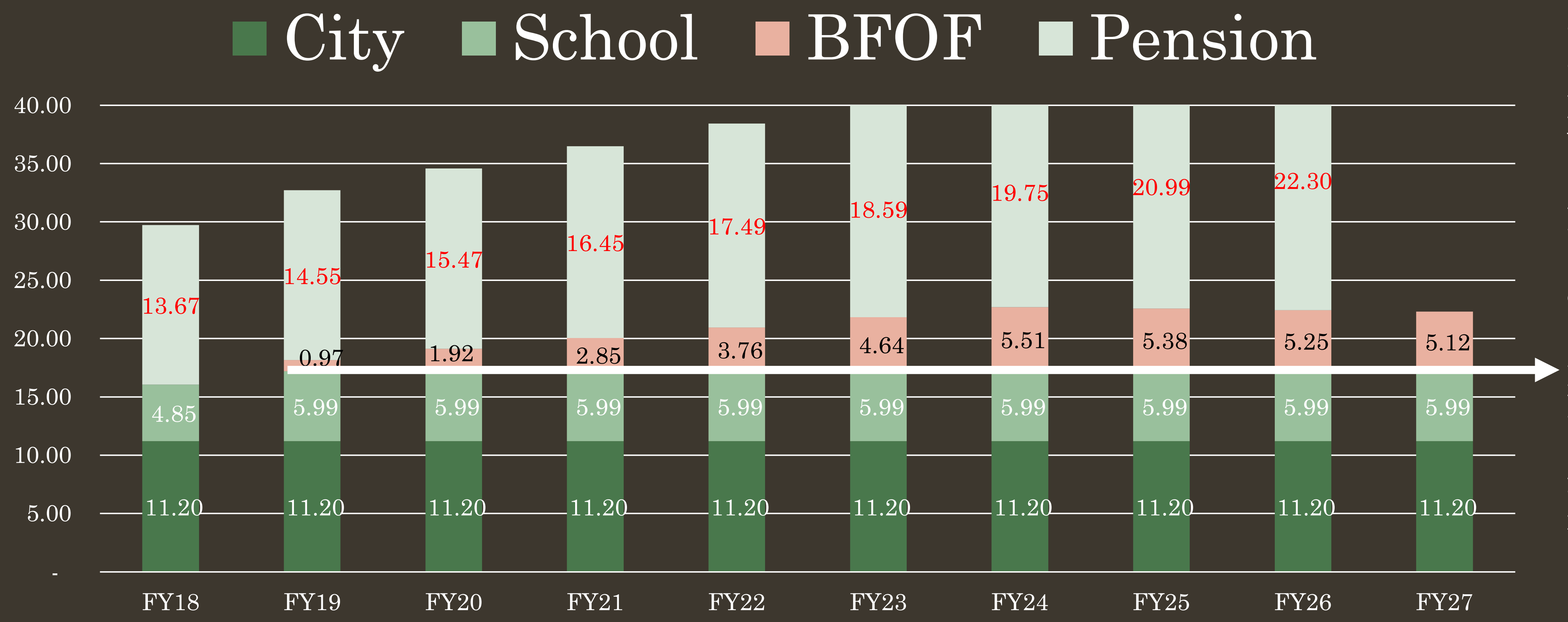
Total Existing City and School Annual Debt Service – Including Pension Obligation Bonds (in millions)



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



Total Projected City and School Annual Debt Service – Including Pension Obligation Bonds and $64M BFOF



Typical CIP Target: Recommend a borrowing size to maintain existing levels of debt service related to capital projects (i.e. so the portion of the tax levy related to CIP does not increase in future fiscal years).

Target Borrowing Sizes – FY19 through FY23 CIP

- Approximately $52M of borrowing capacity (i.e. new debt issuance) over next 5 fiscal years would maintain existing debt service
- Target borrowings will be supplemented with other cash funding sources (operating budget, excess fund balance, property sale proceeds, TIF funds, privately raised funds, trusts / endowments, special revenue, PACTS/MDOT match etc.)

CIP Year	Target Borrowing
FY19	$15.5M
FY20	$11.2M
FY21	$10.7M
FY22	$10.2M
FY23	$9.7M

City Manager Recommended CIP FY19 – FY23
$5M of "Catch Up" Funding Recommended

- For second year in a row, the City Manager is recommending an additional $5M of "catch up" funding
- An estimated $19M annually is required just to maintain existing capital infrastructure
- City has a significant backlog of maintenance and replacement on several asset categories
- This borrowing will have an estimated $0.05 impact on future tax rates (i.e. $0.01 per additional $1M borrowed)

City Manager Recommended CIP FY19 – FY23 Increased focus on "Green" CIP Projects

- Based on recent City Council priorities, increased focus on green / environmentally friendly CIP projects
- Additional LED lighting (above and beyond LED streetlight project scope) and energy management upgrades
- Bike and pedestrian trails and protected lanes
- Investment in electric vehicles and charging stations
- Continuation of Ocean Avenue Landfill remediation
- Investments in support of Council goal to reduce pesticides

City Manager Recommended CIP FY19 – FY23 Other Items of Note

- Total FY19 requests received of over $50M
- City Manager recommending usage of excess fund balance ($1M City, $1M PPS) to augment total FY19 CIP impact
- Utilizing significant additional funding sources to supplement FY19 CIP (TIF funding, special revenue funds, FY19 operating budget requests, private & state funds)
- 100% of School Department requests were recommended for funding in FY19 (Department average was 32%)

City Manager Recommended CIP FY19 – FY23 Notes on FY20 – FY23

- FY20 will be another incredibly difficult CIP year - $60M in total funding requests, $11.2M of debt capacity
- Other major capital funding challenges exist with amounts still being determined (Allen Avenue Fire Station repairs, Ocean Avenue Landfill total remediation cost, Homeless Shelter construction or potential leasing)
- Potential relief coming in FY26 with final retirement of Pension Obligation Bonds – June 1, 2026.