1. Finance Committee Meeting Agenda

   Documents: FC AGENDA 03-24-16.PDF

2. Draft FY17 - FY21 Project List And Descriptions

   Documents: 2017 PROJECT LIST 3-24-16.PDF

City of Portland, Maine
Joint City/School Finance Committee Meeting
Thursday, March 24, 2016
6:00 p.m., Room 209

AGENDA

1. **Introductions**

2. **Action on FY17 – FY21 Capital Improvement Plan**

3. **Review of FY17 Budget Calendar / Future Meeting Dates**

Finance Calendar - April 2016

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4 **City Council Meeting - 5PM** • City Manager's Recommended Budget Presented to Council, passed to Finance Committee for Review • School Board Presents FY17 Recommended Budget to City Council	5	6 **Finance Committee - 3PM** FY17 Budget Review Begins	7 **Finance Committee - 3PM** • FY17 Budget Review Begins	8	9
10	11	12	13	14 **Finance Committee - 2PM** • FY17 Budget Review Continues	15	16
17	18 **Patriots Day** **SCHOOL VACATION WEEK**	19 **SCHOOL VACATION WEEK**	20 **SCHOOL VACATION WEEK**	21 **SCHOOL VACATION WEEK**	22 **SCHOOL VACATION WEEK**	23
24	25 **Special City Council Meeting** • 5PM Workshop on School Budget • 7PM 1st Read and Public Hearing of School Budget	26	27	28 **Finance Committee - 5PM** • FY17 Budget Review, Action	29	30

Finance Calendar - May 2016						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2 **City Council Meeting** • FY17 City Budget 1st Read • FY17 School Budget 2nd Reading and Vote	3	4	5	6	7
8	9 **City Council Workshop** • FY17 Budget	10 **Public Referendum** FY17 School Budget	11	12 **Finance Committee - 5PM**	13	14
15	16 **City Council Meeting** • FY17 City Budget 2nd Read and Vote	17	18	19	20	21
22	23	24	25	26 **Finance Committee - 5PM**	27	28
29	30	31	**Notes:**			

City of Portland

CAPITAL IMPROVEMENT PLAN

FY 2017 – FY 2021

DRAFT PROJECT LISTS AND DESCRIPTIONS
FOR FINANCE COMMITTEE 3/24/16

Table of Contents

FY17 Capital Improvement Plan - City Manager Recommended - General Fund	
Transportation	
PACTS/Match	
PACTS Regional Transportation Management Systems (RTMS) - Traffic Signals	222,000
PACTS Danforth St Paving	86,000
PACTS/Match Subtotal	308,000
Traffic Signals	
Traffic Signals at Various Locations	200,000
Traffic Signal Work in Support of Paving Programs	150,000
Traffic Signals Subtotal	350,000
Streets/Sidewalks	
Paving Preservation and Rehabilitation	2,900,000
Railroad Quiet Zone Improvements	800,000
Sidewalk Rehabilitation/Accessibility	500,000
Municipal Partnership Initiative (MPI) Paving Program	465,750
CSO Compliance - SRF Ineligibles	400,000
MaineDOT Arterial Paving Riverside St - utility system costs	102,000
Monument Square ADA Improvements	100,000
Thames Street Extension Engineering	50,000
One City Center - Shared cost sidewalk	28,000
Streets/Sidewalks Subtotal	5,345,750
Transportation Total	**6,003,750**
Facilities	
Buildings/Garages	
Roof Deck at Spring Street Parking Garage - Phase II	700,000
Peaks Island Library	250,000
212 Canco Rd Fit-Out	200,000
Elevator Replacement - Police Department	200,000
Structural Repairs/Door Frame replacement - Hadlock	190,000
Public Safety Burner Replacement - Police Department	70,000
Passenger Elevator at City Hall	50,000
Fire Station Exhaust Removal System Upgrade	30,000
Buildings/Garages Subtotal	1,690,000
Marine	
On going pile/pier work	170,000
POT - Pile engineering Survey	112,500
Compass Park Pier Stablization/Maine State Pier	200,000
Marine Subtotal	482,500
Schools	
Peaks Island - Boiler Replacement/EMS/Masonry	500,000
Lyman Moore - Paving Drainage	400,000
Reiche Ramp Removal + Engineering	800,000
Lincoln School - Masonry	250,000

PATHS Fire Alarm Replacement	200,000
CBHS - Engineering/ Construction for new entrance	50,000
Schools Subtotal	2,200,000
Facilities Total	**4,372,500**
Open Spaces, Parks, Fields, Trails	
Open Spaces, Parks, Fields, Trails	
Lincoln Park Walkways Repair	250,000
Lyman Moore Ballfields - Drainage Phase II	200,000
Amythyst Lot Master Plan	80,000
Golf Course Rehab	50,000
Parks, Fields, Trails Total	**580,000**
Equipment and Vehicles	
Equipment	
Parking Meters Replacement	131,250
Streetlights: Implement GPCOG LED Conversion	100,000
Virtualization, Storage and Redundancy Upgrade	75,000
Security Management System	35,000
Equipment Subtotal	341,250
Vehicles	
Food Service Truck - School Department	89,000
Police Cruisers (4) Replacement - Police	152,000
Medcu Ambulance Replacement - Fire	220,500
Used Pickups for Various City Departments	150,000
TA Dump Truck Replacement - Districting 3095	185,000
Arrest Vehicle Replacement - Police	76,500
Sidewalk Tractors Replacement	280,000
Refurbish 4 Plow Truck Bodies	160,000
Wheel Loader Replacement - Winter 5093	210,000
1 Ton Dump Truck Replacement - Districting 3084	60,000
1 Ton Dump Truck Replacement - Districting 3085	60,000
1 Ton Dump Truck Replacement - Barron Center 3914	60,000
1 Ton Truck Replacement - Playgrounds 3091	52,000
3/4 Ton Pickup Replacement - Districting 2184	35,000
Activities League Vehicle Replacement - Police	30,000
Medcu 15 Cliff Island	126,000
3/4 Ton Pickup Replacement - Districting 2185	35,000
TA Dump Truck Replacement - Winter 3094	185,000
3/4 Ton Pickup Replacement - Districting 2183	35,000
Wheel Loader Replacement - Public Services 5099	210,000
Tractor Replacement - Ballfields 7138	55,000
Patrol Supervisor Vehicle Replacement - Police	39,500
Replace box truck 4903 - School Maintenance	50,000
Litter Vac Replacement - PDD	75,000
Medcu 13 Great Diamond Island	126,000
Vehicles Subtotal	2,756,500

Equipment and Vehicles Total	**3,097,750**
Subtotal - FY17 Recommended Projects	**14,054,000**
Less: Available Funds within Bayside TIF	(400,000)
Less: PY Unallocated CIP	(704,896)
General Fund Financed Total	**12,949,104**
FY17 Capital Improvement Plan - City Manager Recommended - Other Funding Sources	
Operating Budget CIP	
Temple St. Parking Garage Cond. Appraisal Rprs Concrete & Joints	230,000
Ticket Dispenser and Register at Elm Street Parking Garage	25,000
Conference Room Air Conditioning - Expo Center	30,000
Vulcan Steamer - Barron Center Kitchen	14,900
Laundry Box Truck Replacement - Barron Center 3912	30,000
Firehouse Conditional Appraisal	50,000
Rotary Trim Mower Replacement - Golf Course	45,000
Pot Hole Patcher Replacement - Districting 5104	40,000
Tractor -PDD - 7159	20,000
Kitchen Box Truck Replacement- Barron Center 3913	30,000
Patient Transport Van Replacement - Barron Center 3901	35,000
Operating Budget CIP Total	**549,900**
Special Revenue Fund CIP	
Merrill- Flooring/Seating/Painting Replacement	100,000
Fire Alarm System - Barron Center	70,000
Day Room Furniture - Barron Center	23,802
Special Revenue Fund CIP Total	**193,802**
School Surplus CIP (20-A M.R.S. 1312 & 1706)	
Two 14 Passenger Buses	87,000
Replacement School Bus	88,000
Schools Conditional Appraisal / Workplan for Future Repairs	300,000
Capital Allowance for Future School Capital Improvements	2,084,960
School Surplus Subtotal	**2,559,960**
TOTAL FY17 GF CIP PROJECTS - ALL FUNDING SOURCES	**15,272,702**

*Excess school surplus is being recommended for placement in a capital allowance for future use. Final amount of the capital allowance is pending and will be based on beginning ($3,084,960) less FY16 budgeted school usage of fund balance ($415,000), less FY17 recommended use of school surplus above ($500,000), and less FY17 final approved FY17 School budgeted use of fund balance (currently $750,000). Allowance will still require City Council approval prior to use and will still be included within fund balance.

Project Title **ID** 141740

PACTS Regional Transportation Management Systems (RTMS) - Traffic Signals

Public Works

Division Traffic

Classification Stationary Equipment

Project Description

Updates to Washington/Ray: $45,000
Updates to Washington/Canco: $90,000
Updates to Washington/Lawrence: $45,000
Provide Fiber connection to Washington/Allen: $42,000

Local support to augment PACTS UPWP funding for regional transportation system upgrades. Includes money for new equipment and especially improved communications. Anticipate requiring approximately $100,000 to $175,000 per year, which includes PACTS funding. In FY16 a PACTS 16-18 TIP application for work on Congress Street was awarded for a total of $330,000, of which the City will provide a $82,500 match.

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 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, and expected in 2015, portions of Washington Avenue and Auburn Street.

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 65 Hanover 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.

For the next two-year funding cycle, general funding will be limited to Portland's share of $60,000 ($75,000 total including local match), split between the communities, which is expected to be about approximately $22,000 for the next two years. In addition to this money, the City will receive $247,500 for the Congress Street RTMS work from Fore River Parkway to Stevens Avenue.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$88,000			$1,180,500	$1,268,500

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			☐
2018	$22,000	$100,000			☐
2019	$22,000	$100,000			☐

2020	$22,000	$100,000			☐
2021					☐
Total	$401,500	$1,044,270	$345,000		

Other Funding Source Description

$22,000 annually for 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** 141751

Street Reconstruction Donald St

Public Works

Division Engineering

Classification Streets/Sidewalks

Project Description

Reconstruction of Donald St between Dennett St and Raymond Rd to improve drainage.

Project Justification

Request from property owner regarding on going issue with poor drainage on this street. Original design in 1955 was flat with no drainage structures. An overlay in 2004 improved the surface only. This is a low volumn residential street providing access to 5 homes.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$12,000		$116,000		$128,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017					☐
2018					☐
2019					☐
2020					☐
2021		$128,000			☐
Total		$128,000			

Other Funding Source Description

Operating Budget Impact

Other Funding Source Description

Operating Budget Impact

Updates to curb ramps will reduce the burden on sidewalk and CDBG budgets. Signalization updates will keep equipment reliable and require fewer service calls.

Project Title **ID** 163151

PACTS Danforth St Paving

Public Works

Division Engineering

Classification Streets/Sidewalks

Project Description

PACTS 16-18 TIP award of $248,413, inclusive of $62,103; the required 25% Local Match.

PACTS Collector Paving Program awarded Danforth St paving between York and High St. CIP request is for the required 25% Local Match ($62,103) plus ineligible City costs, including Sewer ($14,000) & multi-modal system improvements ($24,000). Work Plan indicates 2016 construction.

Project Justification

Highly leveraged value of Federally funded Pavement Rehabilitation projects; Local Match = 25% and City must cover 100% of sewer utility and ineligible items.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$10,000		$276,310		$286,310

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017	$200,310	$86,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total	$200,310	$86,000			

Other Funding Source Description

PACTS 16-18 TIP award; Work Plan indicates 2016 construction.

Operating Budget Impact

Reduces cost to City for pothole repair and leverages critical infrastructure maintainance.

Project Title **ID** 141023

Traffic Signals at Various Locations

Public Works

Division Traffic

Classification Stationary Equipment

Project Description

The FY 2017 Request will be for the following:

Cumberland at High and Forest: New pole hardware, peds, buttons, signs, wiring: $30,000
Forest at Riverside: New heads, peds, backplates, wiring: $30,000
New controllers and cabinets along State Street: 20-25k per intersection for 6 intersections: $140,000

No funding in FY 2016.

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 new signal at Commercial and Beach Street, and one proposed for Marginal at Cumberland Avenue, 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 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 cooridor 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 takes place.

Signal equipment requests in this CIP line item as of 2017 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
$220,000			$1,970,000	$2,190,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2014		$168,500	$165,000		☑
2015	$195,000	$230,000	$230,000		☑
2017		$200,000			☐

2018		$200,000		☐
2019		$400,000		☐
2020		$400,000		☐
2021		$400,000		☐
Total	$195,000	$1,998,500	$395,000	

Other Funding Source Description

$195,000 funded by MaineDOT as part of the overall Cumberland at Elm and Preble project.

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** 173596

Traffic Signal Work in Support of Paving Programs

Public Works

Division Traffic

Classification Equipment

Project Description

FY17 - MPI Program: Washington at Ocean; Overhaul of Aging Signal - $110,000
FY17 - MaineDOT Arterial Program: Riverside St paving; Overhaul of Aging Signals - $75,000

Project Justification

The City and MaineDOT's paving programs looks to a more robust period of street repair in coming funding cycles, if said CIP requests are funded. In addition, City-Administered paving projects through the MaineDOT & PACTS MPI programs look to further enhance outcomes. However, these programs in the past have often been saddled with various non-paving costs, generally due to ADA requirements and impacts to in-pavement facilities. One of these items are various traffic signal impacts. At times, the paving program funds have accommodated anything from new video detection to replace cut in-pavement loops (as per City technical specifications) as well as new pedestrian buttons and heads (as per ADA requirements).

Beginning in FY17, the City seeks to keep separate various types of funding for each "type" of improvement. In this case, $110,000 is being requested for updates and improvements to the Ocean Avenue intersection with Washington Avenue in association with a pending paving project at this location. The equipment at this intersection is old to the point where its wiring does not even meet code, and a simple swap out of newer video detection will not be feasible, requiring a cabinet replacement and other improvements. An additional $75,000 is requested to upgrade signal system(s) on Riverside St between Brighton Ave and the entrance to Home Depot.

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$185,000			☐
2018		$100,000			☐
2019		$100,000			☐
2020		$100,000			☐
2021		$100,000			☐
Total		$585,000			

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** 141013

Paving Preservation and Rehabilitation

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, adjustment/repair to sanitary/storm structures.

Project Justification

Our 2014 streets inventory conduded 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
		$27,750,000		$27,750,000

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			☐
2018		$4,000,000			☐
2019		$4,000,000			☐
2020		$4,000,000			☐
2021		$4,000,000			☐
Total		$36,000,000	$7,750,000		

Other Funding Source Description

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** 141708

Railroad Quiet Zone Improvements

Public Works

Division Traffic

Classification Streets/Sidewalks

Project Description

Quad Gates at Allen Avenue: $1,000,000

Pan Am Railroad Company operates in three (3) Quiet Zones over a total of twenty (20) public highway/railroad at grade crossings in the City of Portland. The quiet zones designation restricts trains from using their train horns as warnings, as they enter these quiet zone crossings. 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:

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.

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

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

Since funding for SSM's is not available through any State or Federal agency and there are no grant funding possible, we believe that it is prudent to budget $200,000 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.

$150,000 funded in 2013, $100,000 funded in 2014.

Project Justification

Pan Am Railroad lines and crossings have been upgraded to accommodate new inter City commuter train service between Portland and Brunswick with three (3) 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 (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
		$2,100,000		$2,100,000

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			☐
2018		$200,000			☐
2019		$200,000			☐
2020		$200,000			☐
2021					☐
Total		$2,100,000	$500,000		

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** 141030

Sidewalk Rehabilitation/Accessibility

Public Works

Division Engineering

Classification Sidewalks

Project Description

This program includes the following categories of infrastructure improvements based on priorities selected each year:
** rehabilitation of existing sidewalks; particularly those of a hazardous nature
** construction and rehabilitation of curb ramps; especially for ADA compliance & transit accessibility
** construction of new sidewalks where gaps of significance exist
** pedestrian street crossing systems; particularly on Arterial streets. Suggested that up to $100,000 of each $600,000 request is dedicated to this need.

Project Justification

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.
** Criteria A - The project is necessary to meet current state or federal requirements (ADA).
** Criteria B - The project improves service delivery to a "high priority" public need: accessibility along the public right-of-way, by rehabilitating sidewalks in poor condition or eliminating a sidewalk gap where no sidewalk currently exists.
** Criteria C – Sidewalks that are funded can be considered to be an asset that is currently non-operational due to its condition or the lack of the sidewalk entirely.
** Criteria E – Projects typically result in no change to operating costs.
** Criteria F - Past phases in FY '12, '13 and '14 CIP have been funded and the project needs remain and has called out for a need for increased investment as has happened since instituted in FY '12.

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2013		$700,000	$700,000		☑
2014		$700,000	$700,000		☑
2015		$850,000	$700,000		☑
2016		$700,000	$500,000		☑
2017		$600,000			☐
2018		$600,000			☐
2019		$600,000			☐
2020		$600,000			☐
2021		$600,000			☐

Total	$5,950,000	$2,600,000

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** 173674

Municipal Partnership Initiative (MPI) Paving Program

Public Works

Division Engineering

Classification Streets/Sidewalks

Project Description

Complete mill and overlay of various arterial and collector roadways with shared funding sources to improve substandard roads to PACTS and MaineDOT minimum standards. A portion of these costs should be allocated for sewer fund components of each project. See attachments for detail of funding programs.

FY17 Allen Av - Washington Av to Pennell Av $275,000
Washington Av - Ocean Av to Canco Rd $742,500

Projects for other years need to be coordinated with the gas company and water district schedules as well as other underground utility upgrades.

Project Justification

By combining limited state and city funding, major improvements can be made to deteriorating roadways. These improved sections will then qualify for future state funded pavement preservation programs. The City's maintenance costs will be reduced on these segments.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$450,000		$4,567,500		$5,017,500

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017	$500,000	$517,500			☐
2018	$500,000	$500,000			☐
2019	$500,000	$500,000			☐
2020	$500,000	$500,000			☐
2021	$500,000	$500,000			☐
Total	$2,500,000	$2,517,500			

Other Funding Source Description

PACTS/MaineDOT MPI funds; maximum of $200,000/$500,000 per project

Operating Budget Impact

All pavement preservation will reduce operating costs for both summer and winter maintenance of streets.

Project Title **ID** 141009

CSO Compliance - SRF Ineligibles

Public Works

Division Engineering

Classification Streets/Sidewalks

Project Description

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 technical standards (limiting 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 project execution.

Project Justification

The City's 2016 CSO projects include:
- Back Cove South Conduit - Marginal Way (Preble to End) - $1,000,000
- State Street Sewer Separation (Forest to Cumberland Ave) - $550,000
- Deering Oaks Gravel Lot Green Infrastructure project - $50,000
- Marginal Way Sewer Separation (Preble to Forest) - $200,000
-Madison and Walnut Sewer Separation (Washington Ave) - $100,000
-Woodsford St Sewer Separation - $100,000

Each of 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.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$6,300,000		$6,300,000

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			☐
2018		$1,000,000			☐
2019		$1,000,000			☐
2020		$1,000,000			☐
2021		$1,000,000			☐
Total		$6,500,000	$1,300,000		

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

2021	$400,000	☐
Total	$1,900,000	

Other Funding Source Description

Operating Budget Impact

As more and more of the tape markings are placed via the CIP process, the operating budget will see a corresponding decrease in demand.

Project Title **ID** 152406

MaineDOT Arterial Paving Riverside St - signal & markings costs

Public Works

Division Engineering

Classification Streets/Sidewalks

Project Description

MaineDOT Arterial paving project currently scheduled for 2017. Extent of work is from Brighton Av to Home Depot entrance. No Local Match is required, but Sewer and Stormwater system adjustments and/or repairs are necessary for all paving work; those costs are borne 100% by the Utility owner and are reflected in the Sewer Fund CIP. Additionally staff proposes to upgrade the signal system(s) and pavement markings beyond what MaineDOT will typically cover.

- Local Match = $0
- Sewer/Storm cost estimate = $41,000
- Signals upgrade cost estimate = $75,000
- Pavement Markings upgrade cost estimate = $27,000

Project Justification

Paving project costs are 100% covered by MaineDOT arterial paving program; City pays only for Utility system repairs/adjustments and items outside the project scope (see attachment for estimate prepared in 2014). Resurfacing will eliminate the need for local paving and provide upgrades to the City's infrastructure.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$602,000		$602,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017					☐
2018	$500,000	$102,000			☐
2019					☐
2020					☐
2021					☐
Total	$500,000	$102,000			

Other Funding Source Description

Pavement Preservation funds provided by MaineDOT Arterial paving program.

Operating Budget Impact

Resurfacing will reduce operating costs for summer and winter maintenance of pavement.

Project Title **ID** 152489

Monument Square ADA Accessibility

Public Works

Division Engineering

Classification Sidewalks

Project Description

The overall condition and accessibility to and within Monument Square has deteriorated dramatically. This funding is designed address ADA accessibility issues.

Project Justification

Monument Square is historically the principal gathering space within the City of Porland for celebrations, protests, concerts, farmers market, socializing and commerce. It is in quite poor condition and its level of accessibility is deteriorating rapidly.

Upgrading curb ramps around Monument Square will increase access and connectivity for people with disabilities and all pedestrians. Safer access encourages use of local amenities and creates a more friendly and livable neighborhood for all pedestrians.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$0		$100,000		$100,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$100,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$100,000			

Other Funding Source Description

Other potential supplemental funding sources include: Downtown Transit TIF and CDBG Curb Ramps.

Operating Budget Impact

Reduces current operating budget maintenance costs by improving areas that have required patching and temporary repairs.

Project Title **ID** 173704

Thames Street Extension Engineering

Public Works

Division Engineering

Classification Streets/Sidewalks

Project Description

This project will help determine infrastructure needs along Thames Street and the surrounding areas.

Project Justification

The waterfont area of Portland is rapidly expanding. In order to fully understand which infractucture improvements are necessary and where, this engineering work is necessary. The City can drive negotiations with future developers in the area by having a complete understanding of what infrastructure improvements will be required.

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
2017		$50,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$50,000			

Other Funding Source Description

Operating Budget Impact

May potentially increase future operating budget costs for maintenance of any potential new infrastructure.

Project Title **ID** 173677

One City Center - Shared cost sidewalk

Public Works

Division Engineering

Classification Streets/Sidewalks

Project Description

One City Center (Dirigo Management) approached the Dept of Public Works with a request to upgrade the sidewalk, steps and plaza area on City property adjacent to One City Center. The Center stated that they were proposing $45,000 upgrade to their infrastructure and was hopeful the City would do the same.

Project Justification

The brick sidewalks, stairs, retaining walls shared by both One City Center and the City was constructed approximately 45 years ago. Age has distorted the concrete steps and created an uneven walking surface. One City Center has suggested a joint venture with cost sharing.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$73,000		$73,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017	$45,000	$28,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total	$45,000	$28,000			

Other Funding Source Description

Private site upgrading adjacent to City property; CIP request to be a companion project

Operating Budget Impact

The City portion of this work involves replacing approximately 140 sq. yds. of brick sidewalk, adding appoximately 16 L. F. of new concrete wall with ornamental fencing, installing granite steps and installing approximately 26 L. F. of granite curbing to form an approximate 100 sq.ft. green space. Estimate for the City portion, $28,000.

Project Title **ID** 173696

Roof Deck at Spring Street Parking Garage

Parking / Garages

Division Spring Street Garage

Classification Facilities

Project Description

This project includes the removal of existing pavement, repavings, and applying a waterproofing membrane. During the process repairing any concrete damage will be completed as well.

Project Justification

The existing pavement and waterproooflng membrane on the roof are 19 years old. Water leaks through the deck causing rusting of rebar and spalling of the concrete which weaken the stucture of the deck. Delaying the project will result in further damage to the structure and added cost.

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$700,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$700,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 173679

Peaks Island Library

Recreation and Facilities

Division Other Public Buildings

Classification Facilities

Project Description

Project to build a library at the Peaks Island Community Center. Project cost is estimated to be $650,000 however $200,000 will be raised via donations. An additional $200,000 donation is potentially available to offset costs pending certain conditions.

Project Justification

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$50,000		$600,000		$650,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017	$400,000	$250,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total	$400,000	$250,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 173558

212 Canco Rd Fit-Out

Recreation and Facilities

Division Other Public Buildings

Classification Facilities

Project Description

Relocate additional Rec/Staff

Project Justification

To have Rec/Fac in one building to better the services we provide. This will make the department much more efficient with better communication.

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
2017		$425,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$425,000			

Other Funding Source Description

Operating Budget Impact

This will allow a better use of staff allowing the staffs work load to be better distributed.

Project Title **ID** 173646

Elevator Replacement

Police Department

Division Administration

Classification Facilities

Project Description

To replace exisiting elevator cars/system at 109 Middle Street

Project Justification

One bay of the elevator @ 109 Middle Street has been inoperable for most of the calendar year of 2015 and has been repaired numerous times. Replacement request prepared under consultation with Kathy Alves-Buildings/Facilities Management.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$50,000	$150,000	$200,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$200,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$200,000			

Other Funding Source Description

Operating Budget Impact

N/A

Project Title **ID** 152244

Structural Repairs/Door Frame replacement - Hadlock

Recreation and Facilities

Division Hadlock Field

Classification Facilities

Project Description

Hadlock Stadium structural review in FY15 and repair in FY16.

Project Justification

This facility was built on a "floating slab". This causes components to move with frost and cold temps. There are signs of bent plates, twisting stair treads, door frames pinching and rusting creating doors to not operate properly.

These components are 20+ yrs old and have lasted well based on the facility design. It's time for replacement and upgrades where possible.

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$190,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$190,000			

Other Funding Source Description

Operating Budget Impact

The ability to not have emergency work done at a higher cost. Staff can spend time working on maintenance issues and not trying to resolve short term fixes.

Project Title **ID** 173576

Public Safety Burner Replacement

Recreation and Facilities

Division Public Safety

Classification Facilities

Project Description

Replace Burners with Cleaver Brooks

Project Justification

2 burners got replaced at some point with an after market product. The boilers are a proprietary piece of equipment. Therefore the burners need to be as well. The existing burners have the potential to ruin the boilers.

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
2017		$70,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$70,000			

Other Funding Source Description

Operating Budget Impact

We have spent over 12k replacing the cone portion of these burners. We also have the potential of needing to replace the boilers at a cost of 150k each..

Project Title **ID** 141340

Passenger Elevator at City Hall

Recreation and Facilities

Division City Hall

Classification Facilities

Project Description

Replace the ropes on the passenger elevator.

Project Justification

The passenger elevator is approching the time when all of the cables need to be replaced. This is extensive work and would require the passenger elevator to be taken out of service during this process. This process happens rarely and most often the cables can be shortened and extend the life.

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
2016		$100,000			☑
2017		$50,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$150,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 173673

Fire Station Exhaust Removal System Upgrade

Fire Department

Division Building Maintenance

Classification Equipment

Project Description

Upgrade current exhaust system to a magnetic system instead of air

Project Justification

The current system cost the department $8000 to $10,000 a year to maintain and requires air compressors to maintain pressure throughout air lines and on exhaust boots. All system parts require constant cost to maintain and replace.

The new magnetic system uses only magnetic connectors at the apparatus.

Cost of project involves replacing all connectors on all apparatus. Because of compatibility we need to change all apppartus at once.

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
2017		$30,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$30,000			

Other Funding Source Description

Operating Budget Impact

$8000.00 to $10,000 annual maintenance savings

Project Title **ID** 173579

On going pile/pier work

Recreation and Facilities

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
		$1,070,000		$1,070,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$170,000			☐
2018		$225,000			☐
2019		$225,000			☐
2020		$225,000			☐
2021		$225,000			☐
Total		$1,070,000			

Other Funding Source Description

Operating Budget Impact

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

Project Title **ID** 173581

POT - Pile engineering Survey

Recreation and Facilities

Division Waterfront

Classification Marine

Project Description

Review and catagorize condition of entire pier

Project Justification

Due to a potential client wanting to renovate the 30,000k sq ft of space on the second fl, he eluding that the pier was ready to collapse. A visual inspection was done in September 2015, there are signs of deteriation in 10-15% of the pier. However there are no signs of a catastropic failure about to take place.

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

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$150,000			☐
2018		$150,000			☐
2019					☐
2020					☐
2021					☐
Total		$300,000			

Other Funding Source Description

Operating Budget Impact

This space would generate 250-350k in revenue annually.

Project Title **ID** 152328

Compass Park Pier Stablization/Maine State Pier

Recreation and Facilities

Division Waterfront

Classification Marine

Project Description

Pier Stabilization

Project Justification

This pier got renovated approx 25yrs ago. The pier was evaluated in 2015. The results stated there were immediate needs to address before the concert season. The remaining work consists of sway bracing, pile caps, piles needing replacment by 2018..

This pier has crowds of upto 2500 people for a concert. Including vendors, stage, dressingrooms,etc. This pier needs to be addressed know that it's functions have changed.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$30,000		$200,000		$230,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2016		$30,000	$30,000		☑
2017		$200,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$230,000	$30,000		

Other Funding Source Description

Grant funds are available for the engineering as well as a portion of the construction costs. However the timing for these grants has passed due to the piers condition.

Operating Budget Impact

The city receives a per head fee for each show.

Project Title **ID** 141618

Peaks Island - Boiler Replacement/EMS/Masonry

School Department

Division School Maintenance

Classification Facilities

Project Description

Replace boiler, Install HVAC controls, Repoint masonry

Project Justification

Boiler- This unit is 50+ yrs old and extremely inefficient. Asbestos is falling off the boiler causing health concerns.

EMS- Install an energy management system(EMS) to reduce operating time on the equipment.

Masonry- The brick façade has not been touched in over 50+ years. The elements have worn the mortar joints out causing water to penetrate through the building.

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
2017		$500,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$500,000			

Other Funding Source Description

Operating Budget Impact

Boiler- Reduces fuel consumption, reduces carbon footprint. Removes the health concerns.
EMS- Allows for run times to be reduced up to 25-35%. Reduces calls and transpotation to the site.
Masonry- Reduces unnecessary repairs to walls, floors, ceilings.

Project Title **ID** 173286

Lyman Moore - Paving Drainage

School Department

Division School Maintenance

Classification Facilities

Project Description

Rebuild roadways and install proper drainage

Project Justification

This roadway was built with materials available at the time of construction. Steel drainage pipe was used at that time. This system has deterioated overtime and caused multiple drainge issues and trip hazards throughout the campus.
The project is being evaluated at this time for both a master plan and cost associated with it.

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$400,000			☐
2018		$400,000			☐
2019					☐
2020					☐
2021					☐
Total		$800,000			

Other Funding Source Description

Operating Budget Impact

Funding has been allocated in a prior CIP (Lyman Moore Sports Complex). These projects can be done in conjunction with each other which will result in cost savings and the best long term solution.

Project Title **ID** 173285

Reiche Ramp Removal / New Entry / Elevator / Roof Repairs

School Department

Division School Maintenance

Classification Facilities

Project Description

Remove the decaying ramp on the Clark St side, replace with a new entrance including an elevator. Repair leaks in Reiche roof.

Project Justification

This ramp is original to the buildings construction. Due to water infiltration over the years the elements have gotten to the steel structure causing the steel to "Rust Jack". "Rust Jacking" causes the concrete to decay at a rapid pace.
This ramp/access point is in danger of collapsing in the near future.

The ramp will be replaced with a more ADA friendly elevator. The new entry will be able to better separate the public access to Reiche from the school children access.

Finally, this funding will allow for the Facilities staff to engineer and make repairs to the leaking portions of the Reiche roof at a significantly lower cost than if a contractor were hired.

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$800,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$800,000			

Other Funding Source Description

Operating Budget Impact

Being able to contract this prior to it becoming an emergency will cost 25% less.

Project Title **ID** 141613

Lincoln School - Masonry

School Department

Division School Maintenance

Classification Facilities

Project Description

Rehab/repoint brick.

Project Justification

To prevent water infiltration/interior deterioration/ mold etc. The exterior of this building has not had any attention for decades. Bricks are falling out in some of the upper courses. Evidence of water infiltration is apparent in many classrooms. Areas of the parking lot/playground are off limits due to the falling brick.

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2015		$500,000			☑
2017		$250,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$750,000			

Other Funding Source Description

Operating Budget Impact

Ceilings and floors continue to need replacing due to water damage

Project Title **ID** 173284

PATHS Fire Alarm Replacement

School Department

Division School Maintenance

Classification Facilities

Project Description

Replace fire alarm system

Project Justification

Fire alarm system is antiquated and no longer can be supported by today's technology

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
2017		$225,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$225,000			

Other Funding Source Description

Operating Budget Impact

Numerous false alarms to the fire dept. We continue to add new parts to a system that needs to be replaced

Project Title **ID** 173287

CBHS - Engineering/ Construction for new entrance

School Department

Division School Maintenance

Classification Facilities

Project Description

Install a new entrance with stair tower.

Project Justification

A separate entrance allows for less confusion and better access to the school and gathering space for both students and the public.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$50,000		$500,000		$550,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$50,000			☐
2018		$500,000			☐
2019					☐
2020					☐
2021					☐
Total		$550,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 141745

Lincoln Park Walkways Repair

Recreation and Facilities

Division Parks

Classification Parks, Fields, Trails

Project Description

Repair the concrete walkways in Lincoln Park.

Project Justification

The walks are broken and in very poor condition. In many places bituminous has been used to fill holes in the concrete. There are many tripping hazards present and the poor walks significantly detract from the park. Due to the age of the original quote we have increased our cost estimate by $15,000.

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
2017		$250,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$250,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 173684

Lyman Moore Ballfields - Drainage Phase II

Recreation and Facilities

Division Athletic Facilities

Classification Parks, Fields, Trails

Project Description

Reconstruction of collapsed drainage system under ballfields.

Project Justification

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
2017		$200,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$200,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 173705

Amythyst Lot Master Plan

Recreation and Facilities

Division Parks

Classification Parks, Fields, Trails

Project Description

The Amythyst Lot is an underutilized waterfront open space. This CIP project would lay the groundwork for turning the parking lot into a fantastic open space for all of Portland's residents and visitors to use.

Project Justification

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
2017		$80,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$80,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 173683

Golf Course Rehab

Recreation and Facilities

Division Golf Course

Classification Parks, Fields, Trails

Project Description

Rehabilitation of greens, tee boxes.

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
2017		$50,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$50,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 141283

Parking Meters Replacement

Parking / Garages

Division Administration

Classification Stationary Equipment

Project Description

Continue with the installation of multi space parking meters that accept credit and debit cards as well as coins, to replace the aging single space parking meters.

The Plan is
Phase 1 20 units - Completed
Phase 2 35 units - Completed
Phase 3 20 units - Completed
Phase 4 30 units - In Progress / Part of FY17 Request
2017-2019 complete the installation with mostly single space meters (up to 670)that accept credit cards, due to short blocks that make the placement of multi-space meters cost prohibitive.

Project Justification

The existing meters are coming close to the end of their useful lives. The new meters will provide, better customer service, by having a lower failure rate, instantly send us messages upon malfunction, and the ability to accept credit and debit cards. If meter rates should increase above current levels, it will be unrealistic to expect customers to have enough change in their pockets.
Revenues are expected to increase by 10% (which will be offset by added fees).

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$1,207,600	$1,207,600

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2014		$300,000	$315,000		☑
2015		$175,000	$175,000		☑
2017		$131,250			☐
2018		$131,250			☐
2019		$177,550			☐
2020		$177,550			☐
2021		$100,000			☐
Total		$1,192,600	$490,000		

Other Funding Source Description

Operating Budget Impact

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

Project Title **ID** 173200

Streetlights: Implement GPCOG LED Conversion

Public Works

Division Traffic

Classification Equipment

Project Description

This project is to implement the GPCOG LED Streetlight conversion.

Project Justification

LED conversion helps energy efficiency and directly addresses one of the City Council goals:

Plan to convert street lights to LED

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$50,000			$500,000	$550,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$550,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$550,000			

Other Funding Source Description

Operating Budget Impact

Potential reduction in utility costs.

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 nine 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
			$260,000	$260,000

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			☐
2018		$55,000			☐
2019					☐
2020					☐
2021					☐
Total		$260,000	$130,000		

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 152485

Security Management System

Information Technology

Division

Classification Information Technology

Project Description

Remote administration and security enforcement on 1000 user computers, laptops and or mobile devices.

Project Justification

This will increase network security by allowing us to remotely install, configure, maintain and prevent unathorized access to the city's network and resources. This will help reduce network and end station vulnerability and downtime.

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$35,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$35,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 173557

Food Service Truck

School Department

Division Transportation

Classification Vehicle - New (Not Replacement)

Project Description

Project Justification

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$89,000	$89,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$89,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$89,000			

Other Funding Source Description

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
			$1,860,000	$1,860,000

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			☐
2018		$266,000			☐
2019		$266,000			☐
2020		$266,000			☐
2021		$266,000			☐
Total		$2,128,000	$690,000		

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** 141803

Medcu Ambulance Replacement - Fire

Vehicle Maintenance

Division Fire Department

Classification Vehicles

Project Description

Replace Medcu

Project Justification

Cost Estimate:
GM4500 Van and Box - $215,000
Battery upgrade - $500
IPD suspension - $1,500
Inverter Alarm - $500
Radio Equip - $23,500
Headsets - $2,000
Stretcher - $14,000
Knox Med Safe $1,250
MDB Dock - $1,750
Misc Equip - $5,000

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$2,305,000	$2,305,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2013		$225,000	$225,000		☑
2014		$225,000	$225,000		☑
2015		$265,000	$265,000		☑
2016		$265,000	$265,000		☑
2017		$265,000			☐
2018		$530,000			☐
2019		$265,000			☐
2020		$265,000			☐
2021					☐
Total		$2,305,000	$980,000		

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 173599

Used Pickups for Various City Departments

Vehicle Maintenance

Division Public Services

Classification Vehicles

Project Description

There are a number of vehicles that have failed this year or are anticipated to fail next year. This request is to replace 8 failing pickups from various City departments with late model, used vehicles. The following vehicles will be replaced with this funding:
2025 - Solid Waste Supervisor - $20000 (CIP ID163068)
2207 - Social Services - $25000 (CIP ID 141323)
2070 - Facilities Director - $20000 (CIP ID 141557)
2121 - Cemeteries - $25000 (CIP ID 14957)
2012 - Ballfields - $15000 (CIP ID 152128)
2143 - Ballfields -$25000 (CIP ID 141097)
2085 - Expo - $20000 (CIP ID 163052)

All the above CIP requestes have been moved to FY18 while this combined request is considered.

Project Justification

In order to replace a large number of failing vehicles it is recommended that the City purchase late model used vehicles. CIP requests for replacing the vehicles listed above with new totals $237,000

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
2017		$150,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$150,000			

Other Funding Source Description

Operating Budget Impact

Reduced capital expense through purchase of late model used.

Project Title **ID** 141000

TA Dump Truck Replacement - Districting 3095

Vehicle Maintenance

Division Public Services

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 and used as a front line plow and on construction projects during the summer. A new unit will decrease down time and maintenance costs.

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
2017		$185,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$185,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 14927

Arrest Vehicle Replacement - Police

Vehicle Maintenance

Division Police Department

Classification Vehicles

Project Description

Replace Arrest Van $76,500 - Ford F250 Chassis $62,000; Watchguard $6,000; Toughbook $3,500; upfit electronics/lights $5,000

Arrest Van $49,500 - Ford F250 Chassis $35,000 (box taken off oldest van and recycled); Watchguard $6,000; Toughbook $3,500; upfit electronics/lights $5,000

Project Justification

Two arrest vans are in operation at all times. One acts as primary and the second as back-up. Operations depends on the need. This will be the 2nd pickup mounted arrest wagon to match the first purchased in 2010. Future replacements will not require the purchase of the arrest box as Fleet Services will re-install the box on new F250 chassis' reducing the future purchase costs.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$126,000	$126,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$76,500			☐
2018					☐
2019		$49,500			☐
2020					☐
2021					☐
Total		$126,000			

Other Funding Source Description

Operating Budget Impact

Cost Estimate:
-F250 4wd, w/ arrest box and delivered upfitted - $65,000
-Watchguard Video - (4 cameras) - $7,000
-Misc computer equip - $1,500
-Lettering and paint - $1,500

Project Title **ID** 14962

Sidewalk Tractors Replacement

Vehicle Maintenance

Division Public Services

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 includes cycling tractors for use on Islands

Project Justification

scheudled replacements

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$1,670,000	$1,670,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2015		$270,000	$135,000		☑
2017		$280,000			☐
2018		$280,000			☐
2019		$280,000			☐
2020		$280,000			☐
2021		$280,000			☐
Total		$1,670,000	$135,000		

Other Funding Source Description

Operating Budget Impact

Cost Estimate - based on prior Holder purchase

-Holder 4.80 w/ dump, sander ,vee plow, angle plow, snow blower, sweeper - $145000

Project Title **ID** 173598

Refurbish 4 Plow Truck Bodies

Vehicle Maintenance

Division Public Services

Classification Vehicles

Project Description

Convert Public Works plow trucks 3034, 3109, 3113, 3115 to permanent mount sander plow trucks.

Project Justification

The trucks above all have significantly corroded bodies that are in need of replacement. Instead of requesting new trucks, DPW would be better served to convert these trucks to permanent mount sanders. All of the above trucks are over 15 years old but mechanically sound and can remain in the fleet for another 5+ years if the bodies are converted to permanent mount sanders.

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$160,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$160,000			

Other Funding Source Description

Operating Budget Impact

This would reduce capital purchases by extending the life of existing equipment instead of purchasing new. To replace these 4 trucks would cost $660,000 vs the $160,000 requested for refurbishment. CIP requests to replace these trucks are currently placed in FY18 and should be considered for FY17 if this request is not approved.

Project Title **ID** 14996

Wheel Loader Replacement - Winter 5093

Vehicle Maintenance

Division Public Services

Classification Vehicles

Project Description

1995 Wheel loader w/ plow gear

Project Justification

Current unit is a model yerar 1995 used as a front line street plow during the winter and on summer construction projects. A new unit will decrease down time and maintenance costs.

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
2017		$210,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$210,000			

Other Funding Source Description

Operating Budget Impact

Cost Estimate - based on prior purchase of comperable wheel loaders

Project Title **ID** 14985

1 Ton Dump Truck Replacement - Districting 3084

Vehicle Maintenance

Division Public Services

Classification Vehicles

Project Description

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

Project Justification

Current unit is a model year 1993 and used by Districting for light duty winter plowing and summer construction work. 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
2017		$60,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$60,000			

Other Funding Source Description

Operating Budget Impact

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

Project Title **ID** 14986

1 Ton Dump Truck Replacement - Districting 3085

Vehicle Maintenance

Division Public Services

Classification Vehicles

Project Description

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

Project Justification

Current unit is a model year 1993 used by Districting for light duty winter plowing and summer construction projects. A new unit will decrease down time and mantenance 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
2017		$60,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$60,000			

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 tool box

Project Title **ID** 141118

1 Ton Dump Truck Replacement - Barron Center 3914

Vehicle Maintenance

Division Barron Center

Classification Vehicles

Project Description

The project is to replace one 1-Ton dump truck 4X4 / w/ plow used for Barron Center operations.

Project Justification

Current truck is a 2003 used for plowing in Barron Center. The undercarriage, frame and sander are corroding due to winter operations.

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
2017		$60,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$60,000			

Other Funding Source Description

Operating Budget Impact

Replacing this vehicle will result in lower maintenance costs and improved efficiency.

Project Title **ID** 141186

1 Ton Truck Replacement - Playgrounds 3091

Vehicle Maintenance

Division Recreation and Facilities

Classification Vehicles

Project Description

1995 1 ton w/ plow - shared between Playgrounds (summer) and Forestry (winter)

Project Justification

scheduled replacement. Gas engine or add $8000 for diesel

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$52,000	$52,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$52,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$52,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 141224

3/4 Ton Pickup Replacement - Districting 2184

Vehicle Maintenance

Division Public Services

Classification Vehicles

Project Description

2000 3/4 ton work truck

Project Justification

scheduled replacement

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$35,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$35,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 14935

Activities League Vehicle Replacement - Police

Vehicle Maintenance

Division Police Department

Classification Vehicles

Project Description

Replace the Police Activities League Vehicle (PAL) Van - 15 passenger van

Project Justification

Current PAL van is 16 years old. DPW supports replacement going forward every 10 years. PAL van is used in support of Community Policing Initiative Outreach Program as well as in support of Pal, Youth Services, and other community-based programs.

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
2017		$30,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$30,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 163114

Medcu 15 Cliff Island

Vehicle Maintenance

Division Fire Department

Classification Vehicles

Project Description

1999 E450

Project Justification

There is a need for 4wd ambulance on the islands rather than the 2wd van based units used on the mainland. We are also challenged with maintenance cost by sending 7 year old units out to the islands because transportation cost and maintenance schedule are hard to manage. Lastly, todays diesel apparatus require emmissions controls that will be hard to manage on the islands therefore recommending the purchase of gas engines for these. The run volume and mileage makes this purchase a 20 year investment.

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
2017		$150,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$150,000			

Other Funding Source Description

Operating Budget Impact

Savings on yearly transportation and maintenance cost.

Project Title **ID** 141225

3/4 Ton Pickup Replacement - Districting 2185

Vehicle Maintenance

Division Public Services

Classification Vehicles

Project Description

2000 3/4 ton work truck

Project Justification

scheduled replacement

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$35,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$35,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 14977

TA Dump Truck Replacement - Construction 3094

Vehicle Maintenance

Division Public Services

Classification Vehicles

Project Description

Tandem axle, 12 yard capacity, 55 GVW dump truck with plow gear, sander and calcium system

Project Justification

Current unit is a model year 1997 wheeler with plow gear and sander. Public Services uses the unit as a front line plow unit, snow removal 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
			$185,000	$185,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$185,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$185,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 141223

3/4 Ton Pickup Replacement - Districting 2183

Vehicle Maintenance

Division Public Services

Classification Vehicles

Project Description

2000 3/4 ton work truck

Project Justification

scheduled replacement

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$35,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$35,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 141177

Wheel Loader Replacement - Public Services 5099

Vehicle Maintenance

Division Public Services

Classification Vehicles

Project Description

1997 Loader w/ plow gear

Project Justification

scheduled replacement

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
2017		$210,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$210,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 152177

Tractor Replacement - Ballfields 7138

Vehicle Maintenance

Division Recreation and Facilities

Classification Vehicles

Project Description

1993 John Deere 970

Project Justification

Existing unit is aged and unreliable

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$55,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$55,000			

Other Funding Source Description

Operating Budget Impact

Reduced maintenance cost

Project Title **ID** 14938

Patrol Supervisor Vehicle Replacement - Police

Vehicle Maintenance

Division Police Department

Classification Vehicles

Project Description

Replace marked supervisor SUVs @ $39,500 ($27,000 each plus upfit of $3,000, storage unit at $2,500, Watchguard unit at $5,100 each, computer stand/modem at $1,400 each .) Note: Toughbook replacement not included in upfit costs. Vehicles designated to be AWD Ford Interceptor SUVs.

Project Justification

DPW recommends replacement of 1 marked police supervisor vehicle every year.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$197,500	$197,500

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$39,500			☐
2018		$39,500			☐
2019		$39,500			☐
2020		$39,500			☐
2021		$39,500			☐
Total		$197,500			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 163004

Replace box truck 4903 - School Maintenance

Vehicle Maintenance

Division Recreation and Facilities

Classification Vehicles

Project Description

2000 Fuso Box Truck

Project Justification

scheduled repalcement

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
2017		$50,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$50,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 152246

Litter Vac Replacement - PDD

Vehicle Maintenance

Division Public Services

Classification Vehicles

Project Description

Litter vac for PDD area

Project Justification

PDD currently uses a vacuum attachment on a sidewalk tractor for litter vacuuming of sidewalks. The attachment does not have sufficient suction to do a good job. A self contained litter vac is requested

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
2017		$75,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$75,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 163113

Medcu 13 Great Diamond Island

Vehicle Maintenance

Division Fire Department

Classification Vehicles

Project Description

1999 E450

Project Justification

There is a need for 4wd ambulances on the islands rather than the 2wd van base units used on the mainland. There is also a need to address the transportation and maintenance cost of sending 7 year old ambulances to the islands. We are also challenged with the new diesel motor emissions that will be hard to mange on the islands leaving us the choice to go to gas motor. Lastly, call volumne and lack of miles make this purchase a 20 year investment vs rotating unusable trucks out to the islands evry few years.

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
2017		$150,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$150,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 141290

Temple St. Parking Garage Cond. Appraisal Rprs Concrete & Joints

Parking / Garages

Division Temple Street Garage

Classification Facilities

Project Description

Overhead concrete repairs & Joint repairs at Grids 7 & 11 on roof

Project Justification

Recommended repairs noted in Becker condition appraisal report. This report included a detailed plan for annual maintenance and repairs at the Temple Street Garage

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$230,000		$230,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$230,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$230,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 173642

Ticket Dispenser and Register at Elm Street Parking Garage

Parking / Garages

Division Elm Street Garage

Classification Equipment

Project Description

Replace outdated equipment

Project Justification

Existing dispenser is from 1999 expected life was 10 years. Project was intended to be funded in 2016 but funding was reallocated for additional dispensers / software at Spring Street garage.

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
2017		$25,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$25,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 141337

Air condition conference rooms

Recreation and Facilities

Division Exposition Building

Classification Facilities

Project Description

Install AC in 2 small conference rooms. Charles Sanders Room, 2 nd fl confrence rm.

Project Justification

These conference rooms are frequently used. Adding AC will give them more oppurtunity to be used.

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
2017		$30,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$30,000			

Other Funding Source Description

Operating Budget Impact

Provide proper units to cool these spaces that are not equipt with duct work. It will be less strain on the system and energy use.

Project Title **ID** 173651

Vulcan Steamer

Barron Center

Division Nutrition

Classification Equipment

Project Description

This is a Vulcan 10 Pan Deluxe Steamer for the Cafeteria.

Project Justification

The repairs are getting costly for our existing steamer. We have expended over $3,500 in FY17 already for repairs. It is a 2007 model and we may be able to get some trade in allowance.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$14,900	$14,900

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$14,900			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$14,900			

Other Funding Source Description

Possible Trade in allowance

Operating Budget Impact

Project Title **ID** 141117

Laundry Box Truck Replacement - Barron Center 3912

Vehicle Maintenance

Division Barron Center

Classification Vehicles

Project Description

Replace box truck for Barron Center Laundry

Project Justification

Both box trucks are 1998 vehicles. Maintenance costs are high. Both the trucks are unreliable. Of the two trucks only one is regularly operational. Recommend replacing with used.

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
2017		$30,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$30,000			

Other Funding Source Description

Operating Budget Impact

Replacing the box trucks will reduce operating costs from lower maintenance costs.

Project Title **ID** 152196

Rotary Trim Mower Replacement - Golf Course

Vehicle Maintenance

Division Recreation and Facilities

Classification Vehicles

Project Description

Replace trim mower

Project Justification

Existing unit has over 7000 hours and is no longer reliable

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
2017		$45,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$45,000			

Other Funding Source Description

Operating Budget Impact

Reduced maintenance cost

Project Title **ID** 141171

Pot Hole Patcher Replacement - Districting 5104

Vehicle Maintenance

Division Public Services

Classification Vehicles

Project Description

1998 pot hole patcher

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
2017		$40,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$40,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 163032

Tractor -PDD - 7159

Vehicle Maintenance

Division Public Services

Classification Vehicles

Project Description

Replace John Deere diesel garden tractor w/ plow, blower, mower deck, and cab

Project Justification

Existing unit is model 2000 and failing. Unit is used for small area mowing and narrow sidewalk clearing

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$20,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$20,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 141122

Kitchen Box Truck Replacement- Barron Center 3913

Vehicle Maintenance

Division Barron Center

Classification Vehicles

Project Description

Replace box truck for Barron Cener Kitchen

Project Justification

Both box trucks are 1998 vehicles. Maintenance costs are high. Both the trucks are unreliable. Of the two trucks only one is regularly operational. Recommend replacing with used.

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
2017		$30,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$30,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 141120

Patient Transport Van Replacement - Barron Center 3901

Vehicle Maintenance

Division Barron Center

Classification Vehicles

Project Description

Replace one van used for patient transport

Project Justification

Current van is a 2001. Scheduled replacement.

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$35,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$35,000			

Other Funding Source Description

Operating Budget Impact

Replacing this vehicle will result in lower maintenance costs and improved efficiency.

Project Title **ID** 173569

Merrill- Flooring/Seating/Painting Replacement

Recreation and Facilities

Division Merrill Auditorium

Classification Facilities

Project Description

Replace flooring/seats and backs/paint ceiling

Project Justification

The material used is similar to linoluem. The product has been very good and passed it's life expediency of 12-15 yrs. It's starting to show signs of ware in some locations that will potentially become a hole causing trip hazards for folks wearing heels.

Seat cushions are failing beyond repair.

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
2017		$100,000			☐
2018					☐
2019		$100,000			☐
2020					☐
2021		$100,000			☐
Total		$300,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 173654

Fire Alarm System

Barron Center

Division Facilities

Classification Equipment

Project Description

The fire alarm system at Barron Center 1 needs to be replaced

Project Justification

The system is over 30 years old. It has become close to impossible to find replacement parts and protection professional are hesitant to work on it at times. If the system ceases to function we would be reported to the State Fire Marshalls office. We have been having issues for several years. It is also an issue with CMS (Center for Medicare) and could prevent us from passing their inspection.

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
2017		$100,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$100,000			

Other Funding Source Description

Operating Budget Impact

An annual inspection fee of $975

Project Title **ID** 173669

Day Room Furniture

Barron Center

Division Facilities

Classification Equipment

Project Description

Almost all for the furniture in the Day Room in BC2 needs to be replaced.

Project Justification

The furniture is breaking and cannot be repaired. The existing furniture is cloth and has become difficult to clean and presents a hygene issue. We are looking at replacing it with vinyl. This funding would provide for the replacement of 100 chairs.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$23,802	$23,802

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$23,802			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$23,802			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 173555

Two 14 Passenger Buses

School Department

Division Transportation

Classification Vehicle - New (Not Replacement)

Project Description

Project Justification

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$86,000	$86,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$86,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$86,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 173556

Replacement School Bus

School Department

Division Transportation

Classification Vehicles

Project Description

Project Justification

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$402,000	$402,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$88,000			☐
2018		$164,000			☐
2019		$150,000			☐
2020					☐
2021					☐
Total		$402,000			

Other Funding Source Description

Operating Budget Impact

CITY MANAGER RECOMMENDED CAPITAL IMPROVEMENT PLAN FY17 - FY21							
Classificatior	**Department**	**Title**	**2017**	**2018**	**2019**	**2020**	**2021**
CITY MANAGER							
Parks, Fields,	Recreation and Facilities	Amythyst Lot Master Plan	80,000				
PARKING DIVISION SUBMISSIONS							
Facilities	Parking / Garages	Roof Deck at Spring Street Parking Garage - Phase II	700,000				
Equipment	Parking / Garages	Parking Meters Replacement	131,250	131,250	177,550	177,550	118,367
Facilities	Parking / Garages	Temple St Parking Garage Cond. Appraisal - Annual		240,000	290,000	185,000	185,000
Facilities	Parking / Garages	Sealants and Waterproofing at Elm Street Garage			475,000		
Facilities	Parking / Garages	Waterproof Decking Recoat at Spring St Garage		250,000			
Facilities	Parking / Garages	Repaint Steel at Spring Street Garage		200,000			
REC / FACILITIES / SCHOOL / PARKS SUBMISSIONS							
Facilities	Recreation and Facilities	Peaks Island Library	250,000				
Facilities	Recreation and Facilities	Public Safety Burner Replacement - PD	70,000				
Facilities	Recreation and Facilities	Emergency Egress at Exposition Building		170,000			
Facilities	Recreation and Facilities	Passenger Elevator at City Hall	50,000				
Facilities	Recreation and Facilities	Structural Repairs/Door Frame replacement - Hadlock	190,000				
Facilities	Recreation and Facilities	Masonry and Windows at Cummings Center		100,000			
Facilities	Recreation and Facilities	Generator for City Hall			30,000		
Sidewalks	Recreation and Facilities	Sidewalks at Exposition Building Entrance		100,000			
Sidewalks	Recreation and Facilities	Merrill Myrtle Street Sidewalk		150,000			
Facilities	Recreation and Facilities	212 Canco Rd Fit-Out	200,000				
Facilities	Recreation and Facilities	Exterior Masonry at Exposition Building		150,000	150,000		
Facilities	Recreation and Facilities	Roof Replacement Exposition Building			30,000	325,000	
Facilities	Recreation and Facilities	Copper Roof at City Hall			750,000	750,000	
Facilities	Recreation and Facilities	Replace exterior doors and windows				350,000	
Facilities	Recreation and Facilities	Windows at Public Safety		225,000	225,000		
Facilities	Recreation and Facilities	Three Air Handling Units at Public Safety			250,000		
Facilities	Recreation and Facilities	Mortar Repointing at 55 Portland St					
Facilities	Recreation and Facilities	Generator for 55 Portland St				100,000	
Facilities	Recreation and Facilities	Flooring Replacement at Merrill Auditorium					
Facilities	Recreation and Facilities	A/C Installation		75,000	200,000	200,000	
Facilities	Recreation and Facilities	Concession Stand Renovation		30,000	150,000		
Facilities	Recreation and Facilities	250 Canco Phase 2		250,000	3,750,000	4,000,000	
Facilities	Recreation and Facilities	55 Portland St Master Plan/Rehab		250,000	400,000		
Facilities	Recreation and Facilities	Replace sewer main in tunnel					
Facilities	Recreation and Facilities	New Stage & Stage Barricade and Exposition Building				150,000	
Facilities	Recreation and Facilities	Golf Course Building Maintenance				200,000	
Facilities	Recreation and Facilities	Hadlock Concourse Stair Stringers			100,000		
Facilities	Recreation and Facilities	Hadlock Lighting Upgrades					

Facilities	Recreation and Facilities	Merrill Roof Replacement				250,000	
Facilities	Recreation and Facilities	Replace Concrete Steps at entrance		150,000			
Facilities	Recreation and Facilities	Public Safety Master Plan/Rehab Engineering			100,000		
Facilities	Recreation and Facilities	Public safety Repoint/Waterproof					
Facilities	Recreation and Facilities	replace Gym Floor at Riverton		200,000			
Facilities	Recreation and Facilities	250 Canco Roof Replacement					
Facilities	Recreation and Facilities	Deering Oaks Restroom Facility					
Facilities	Recreation and Facilities	Replace Arena Air Handlers			300,000		
Facilities	Recreation and Facilities	Boiler Replacement					
Facilities	School Department	CBHS - Engineering/ Construction for new entrance	50,000	500,000			
Facilities	School Department	Peaks Island - Boiler Replacement/EMS/Masonry	500,000				
Facilities	School Department	Lyman Moore - Paving Drainage	400,000	400,000			
Facilities	School Department	Lincoln School - Masonry	250,000				
Facilities	School Department	DHS -Windows		750,000			
Facilities	School Department	PATHS Fire Alarm Replacement	200,000				
Facilities	School Department	Reiche Ramp Removal, Elevator, New Entryway, Roof Repairs	800,000				
Facilities	School Department	DHS- Install New Sprinkler System			450,000		
Facilities	School Department	Riverton - A/C				50,000	
Facilities	School Department	DHS - Air Handling Units				100,000	
Facilities	School Department	Riverton School - Masonry			100,000		100,000
Facilities	School Department	Pave Multiple School Campuses		500,000	250,000	250,000	
Facilities	School Department	PHS - Roof Replacement/Engineering			50,000	750,000	750,000
Facilities	School Department	DHS - Site Drainage		20,000	200,000		
Facilities	School Department	PHS -Windows		250,000	250,000	250,000	
Facilities	School Department	DHS - Ceilings				150,000	
Facilities	School Department	PHS - Engineering/ Electrical Upgrades			30,000	150,000	
Facilities	School Department	PHS - Rehabiliate Terazzo Floors				75,000	
Facilities	School Department	Lincoln School - Corridor Floors & Lockers			250,000		
Facilities	School Department	PATHS- Boiler Replacement		460,000			
Facilities	School Department	Reiche - Roof Replacement/Engineering	0	0			
Facilities	School Department	PHS - Boiler Room Abatement		50,000			
Facilities	School Department	Paths - Technology Upgrades		200,000			
Facilities	School Department	DHS - Electrical Switchgear Replacement		300,000			
Facilities	School Department	PHS - Replace Retaining Wall and Iron Railings		150,000			
Facilities	School Department	DHS - Replace Fire Alarm			50,000	250,000	
Facilities	School Department	Lyman Moore - Fire Alarm replacement Engineering		20,000	200,000		
Facilities	School Department	Paths - Freight Elevator at Stair 2/Engineering			250,000		
Facilities	School Department	Paths - Window Replacement			300,000		
Facilities	School Department	DHS - Roof Replacement/Engineering				50,000	750,000
Facilities	School Department	PHS - Floor Repairs				140,000	
Facilities	School Department	DHS - Engineering/ Masonry Restoration				300,000	300,000

Facilities	School Department	King - Gym floor					75,000
Facilities	School Department	Lincoln - HVAC Rooftop Units					100,000
Facilities	School Department	Peaks - Technology Upgrade/Fire Alarm					100,000
Facilities	School Department	PHS - Auditorium Renovations					100,000
Facilities	School Department	PHS - New Gym Floor					125,000
Facilities	School Department	PHS - HVAC Rooftop Units					150,000
Facilities	School Department	Peaks Island School - Interior Renovations					200,000
Facilities	School Department	King - Replace Fire Alarm/Engineering					100,000
Facilities	School Department	Lyman Moore - Leighting/Ceiling Replacement					250,000
Facilities	School Department	DHS - Auditorium Replacement					250,000
Facilities	School Department	PHS - Masonry					400,000
Marine	Recreation and Facilities	On going pile/pier work	170,000	225,000	225,000	225,000	225,000
Marine	Recreation and Facilities	POT - Pile engineering Survey	112,500	150,000			
Marine	Recreation and Facilities	Compass Park Pier Stablization/Maine State Pier	200,000				
Marine	Recreation and Facilities	POT/OG/ Compass Park Concrete Pier Deck repairs					
Marine	Recreation and Facilities	OG Walkway Painting			75,000		
Marine	Recreation and Facilities	Mega Berth Terminal Structual Painting			50,000		
Marine	Recreation and Facilities	Replace OG Plaza Sidewalk				250,000	
Marine	Recreation and Facilities	P.O.T Rail Removal		75,000			
Marine	Recreation and Facilities	Capstans at Portland Ocean Terminal					
Marine	Recreation and Facilities	Floats at Cushing, Maine State Pier, east end Beach, Peaks			100,000		
Marine	Recreation and Facilities	Bollard/ Bit Replacement			75,000		
Parks, Fields,	Recreation and Facilities	Lincoln Park Walkways Repair	250,000				
Parks, Fields,	Recreation and Facilities	Lyman Moore Ballfields - Drainage Phase II	200,000				
Parks, Fields,	Recreation and Facilities	Golf Course Rehab	50,000	150,000	100,000	100,000	100,000
Parks, Fields,	Recreation and Facilities	Dougherty Field Construct Football Field		250,000			
Parks, Fields,	Recreation and Facilities	Lincoln Park Fence Repair		224,000			
Parks, Fields,	Recreation and Facilities	Playground at Riverton School			250,000		
Parks, Fields,	Recreation and Facilities	Softball Field at Riverton School			75,000		
Parks, Fields,	Recreation and Facilities	Reiche School Playground			250,000		
BARRON CENTER SUBMISSIONS							
Equipment	Barron Center	Hydronic Heater Units and Pumps					
Equipment	Barron Center	Patient Medical Records and WiFI		136,710			
Streets/Sidew	Barron Center	Parking Lots and Roadway		213,000			
Equipment	Barron Center	Vulcan Deluxe Gas Convection Oven			12,100		
Equipment	Barron Center	Replace Patient Call System		89,792			
POLICE DEPARTMENT SUBMISSIONS							
Vehicles	Vehicle Maintenance	Police Cruisers (4) Replacement - Police	152,000	160,000	160,000	160,000	160,000
Equipment	Police Department	Gel Scan Digital Evidence Device		67,553			
Facilities	Police Department	Elevator Replacement - Police Department	200,000				

Facilities	Police Department	Traffic Control Device		10,000			
FIRE DEPARTMENT SUBMISSIONS							
Vehicles	Vehicle Maintenance	Squad 301 Rescue Pumper		850,000			
Vehicles	Vehicle Maintenance	E311 Replacment			750,000		
Vehicles	Vehicle Maintenance	Medcu Ambulance Replacement - Fire	220,500	265,000	265,000	265,000	
Facilities	Fire Department	Roof at East Deering Fire Station					90,000
Facilities	Fire Department	Central Fire Station Exterior Masonry					110,000
Facilities	Fire Department	Fire Station Paving Projects					90,000
Facilities	Fire Department	Conversion of Boilers to Natural Gas at 4 Fire Stations					80,000
Facilities	Fire Department	Ocean Avenue Fire Station Repairs					75,000
Facilities	Fire Department	Overhead Door at Peaks Island Station Replacement					60,000
Facilities	Fire Department	Munjoy Station Window/Overhead Door Replacement					40,000
Equipment	Fire Department	Fire Station Exhaust Removal System Upgrade	30,000				
IT DEPARTMENT SUBMISSIONS							
Information Te	Information Technology	Phone System Upgrade		200,000			
Information Te	Information Technology	Virtualization, Storage and Redundancy Upgrade	75,000	55,000			
Information Te	Information Technology	Security Management System	35,000				
PLANNING AND URBAN DEVELOPMENT SUBMISSIONS							
Equipment	Planning & Urban Develop	Peninsula Wayfinding Program		400,000			
Parks, Fields,	Planning & Urban Develop	Congress Square Re-Design Phase I					
Facilities	Planning & Urban Develop	Stairs and Improvements on Plum Street Alley		105,000			
Equipment	Planning & Urban Develop	Streetlighting along Fore Street		43,500			
Equipment	Planning & Urban Develop	Streetlighting on Commercial Street		100,000	571,780		
Equipment	Planning & Urban Develop	Streetlighting on Commercial Street		50,000	285,890		
Transportatior	Planning & Urban Develop	Congress Square Intersection Redesign (Phase II)			2,500,000		
PUBLIC WORKS SUBMISSIONS							
Facilities	Public Works	Public Services Operations and Maintenance Facility		1,120,000	10,950,000		
Streets/Sidew	Public Works	PACTS Danforth St Paving	86,000				
Streets/Sidew	Public Works	MaineDOT Arterial Paving Riverside St - utility system costs	102,000				
Streets/Sidew	Public Works	Railroad Quiet Zone Improvements	800,000	400,000	400,000	400,000	400,000
Streets/Sidew	Public Works	PACTS TIP Collector Paving (Multiple Locations) - 25% Local Match		500,000	500,000		
Streets/Sidew	Public Works	Paving Preservation and Rehabilitation	2,900,000	2,000,000	2,000,000	2,000,000	
Sidewalks	Public Works	Sidewalk Rehabilitation/Accessibility	500,000	500,000	500,000	500,000	

Transportation	Public Works	PACTS 16/18 TIP Intersection Project - Brighton-Deering-Falmouth (USM Roundabouts)		717,200				
Equipment	Public Works	PACTS Regional Transportation Management Systems (RTMS) - Traffic Signals	222,000	100,000	100,000	100,000		
Streets/Sidewa	Public Works	Municipal Partnership Initiative (MPI) Paving Program	465,750	500,000	500,000	500,000		
Equipment	Public Works	Traffic Signal Work in Support of Paving Programs	150,000	100,000	100,000	100,000		
Equipment	Public Works	Traffic Signals at Various Locations	200,000	200,000	400,000	400,000		
Sidewalks	Public Works	Monument Square ADA Improvements	100,000					
Sidewalks	Public Works	Monument Square Condition Improvements			900,000			
Streets/Sidewa	Public Works	CSO Compliance - SRF Ineligibles	400,000	400,000	400,000	400,000		
Sidewalks	Public Works	City Hall Plaza Rehabilitation & Sidewalk/ADA Curb Accessibility			250,000			
Streets/Sidewa	Public Works	PACTS TIP Intersections Category - 25% Local Match		200,000	500,000			
Transportation	Public Works	PACTS TIP Bike/Ped Category & MaineDOT Multi-Modal programs: Pathway Network - Local Share is 25%		50,000	62,500	250,000	250,000	
Streets/Sidewa	Public Works	PACTS TIP Road Rebuild Category - 25% Local Match		125,000	250,000			
Streets/Sidewa	Public Works	One City Center - Shared cost sidewalk	28,000					
Equipment	Public Works	Streetlights: Implement GPCOG LED Conversion	100,000	450,000				
Transportation	Public Works	Congress Street Bus Corridor Phase II					410,000	
Streets/Sidewa	Public Works	Durable Pavement Markings: Paving Program Support		300,000	400,000	400,000	400,000	
Transportation	Public Works	Bikeway Network: Arterial/Collector and Neighborhood Byway Networks		40,000	60,000	60,000	60,000	
Equipment	Public Works	Deering Oaks Lighting		110,000				
Facilities	Public Works	Salt Storage		16,000				
Facilities	Public Works	Solar Power Enhancements		50,000	150,000			
Facilities	Public Works	Thames Street Extension - Engineering	50,000					

Parks, Fields,	Recreation and Facilities	Evergreen Cemetery Columbarium			65,000		
Parks, Fields,	Public Works	Repair Retaining Wall @ 211 Valley		135,000			
Streets/Sidew	Public Works	Street Reconstruction Mountfort St		814,000			
Streets/Sidew	Public Works	Street Reconstruction Cottage St		275,000			
Streets/Sidew	Public Works	Street Reconstruction Rowe Ave		1,276,000			
Streets/Sidew	Public Works	Street Reconstruction Woodford St			990,000		
Streets/Sidew	Public Works	Street Reconstruction Munjoy St			1,081,000		
Streets/Sidew	Public Works	Street Reconstruction Vesper St			1,005,000		
Streets/Sidew	Public Works	Street Reconstruction Riverside Industrial Parkway				3,773,000	
Streets/Sidew	Public Works	Street Reconstruction Mabel St		1,032,000			
Streets/Sidew	Public Works	Street Reconstruction Alba St		1,002,000			
Streets/Sidew	Public Works	Street Reconstruction Morning St			1,088,000		
Streets/Sidew	Public Works	Street Reconstruction Donald St					
Streets/Sidew	Public Works	PACTS Veranda St Paving		202,000			
Fleet Vehicles - Separately Ranked by Fleet Services							
Vehicles	Vehicle Maintenance	Sidewalk Tractors Replacement	280,000	280,000	280,000	280,000	
Vehicles	Vehicle Maintenance	Used Pickups for Various City Departments	150,000				
Vehicles	Vehicle Maintenance	Refurbish 4 Plow Truck Bodies	160,000				
Vehicles	Vehicle Maintenance	TA Dump Truck Replacement - Districting 3095	185,000				
Vehicles	Vehicle Maintenance	Wheel Loader Replacement - Winter 5093	210,000				
Vehicles	Vehicle Maintenance	Arrest Vehicle Replacement - Police	76,500		49,500		
Vehicles	Vehicle Maintenance	1 Ton Dump Truck Replacement - Districting 3084	60,000				
Vehicles	Vehicle Maintenance	1 Ton Dump Truck Replacement - Districting 3085	60,000				
Vehicle - New	School Department	Food Service Truck	89,000				
Vehicles	Vehicle Maintenance	1 Ton Dump Truck Replacement - Barron Center 3914	60,000				
Vehicles	Vehicle Maintenance	1 Ton Truck Replacement - Playgrounds 3091	52,000				
Vehicles	Vehicle Maintenance	3/4 Ton Pickup Replacement - Districting 2184	35,000				
Vehicles	Vehicle Maintenance	Activities League Vehicle Replacement - Police	30,000				
Vehicles	Vehicle Maintenance	Medcu 15 Cliff Island	126,000				
Vehicles	Vehicle Maintenance	3/4 Ton Pickup Replacement - Districting 2185	35,000				
Vehicles	Vehicle Maintenance	TA Dump Truck Replacement - Winter 3094	185,000				
Vehicles	Vehicle Maintenance	3/4 Ton Pickup Replacement - Districting 2183	35,000				
Vehicles	Vehicle Maintenance	Wheel Loader Replacement - Public Services 5099	210,000				
Vehicles	Vehicle Maintenance	Tractor Replacement - Ballfields 7138	55,000				
Vehicles	Vehicle Maintenance	Patrol Supervisor Vehicle Replacement - Police	39,500	39,500	39,500	39,500	
Vehicles	Vehicle Maintenance	Litter Vac Replacement - PDD	75,000				
Vehicles	Vehicle Maintenance	Medcu 13 Great Diamond Island	126,000				
Vehicles	Vehicle Maintenance	3/4 Ton Pickup Replacement - Barron Center 3908		35,000			
Vehicles	Vehicle Maintenance	Box Truck Replacement - Solid Waste 3108		20,000			
Vehicles	Vehicle Maintenance	Wheel Loader Replacement - Public Services 5101		195,000			
Vehicles	Vehicle Maintenance	Pulp Loader Replacement - Forestry 5097		190,000			
Vehicles	Vehicle Maintenance	Pavement Roller Replacement - Districting 5087		15,000			

Vehicles	Vehicle Maintenance	Pot Hole Patcher Replacement - Districting 5103		40,000			
Vehicles	Vehicle Maintenance	Replace box truck 4903 - School Maintenance	50,000				
Vehicle - New	Vehicle Maintenance	Additional Turf Tractor / Mower Islands		95,000			
Vehicles	Vehicle Maintenance	1/4 Pickup Replacement - Engineering 2018		25,000			
Vehicles	Vehicle Maintenance	Mower Replacement - Districting 7158		60,000			
Vehicles	Vehicle Maintenance	Mower Replacement - Districting 7162		50,000			
Vehicles	Vehicle Maintenance	Backhoe Replacement - Districting 5085		90,000			
Vehicles	Vehicle Maintenance	Criminal Investigation Division Vehicles Replacement - Police		68,000	68,000	68,000	
Vehicles	Vehicle Maintenance	Special Reaction Team Vehicle Replacement - Police			36,000		
Vehicles	Vehicle Maintenance	Replace Police Admin Vehicles		70,000	35,000		
Vehicles	Vehicle Maintenance	Animal Control Officer Van Replacement - Police		27,500			
Vehicles	Vehicle Maintenance	TA Dump Truck Replacement - Construction 3093		185,000			
Vehicles	Vehicle Maintenance	Rubbish Packer Replacement		530,000	265,000	265,000	
Vehicles	Vehicle Maintenance	Mower Replacement - Districting 7155		75,000			
Vehicles	Vehicle Maintenance	1 Ton Dump Truck Replacement - Districting 3101		60,000			
Vehicles	Vehicle Maintenance	Mower Replacement - Districting 7156		75,000			
Vehicles	Vehicle Maintenance	1 Ton Dump Truck Replacement - Districting 3103		60,000			
Vehicles	Vehicle Maintenance	1 Ton Dump Truck Replacement - Districting 3105		60,000			
Vehicles	Vehicle Maintenance	1 Ton Dump Truck Replacement - Districting 3106		60,000			
Vehicles	Vehicle Maintenance	TA Dump Truck Replacement - Districting 3096		185,000			
Vehicles	Vehicle Maintenance	TA Dump Truck Replacement - Districting 3097		185,000			
Vehicles	Vehicle Maintenance	TA Dump Truck Replacement - Construction 3098		185,000			
Vehicles	Vehicle Maintenance	Backhoe Replacement - Districting 5031		90,000			
Vehicles	Vehicle Maintenance	1 Ton Truck Replacement - Ballfields 3104		52,000			
Vehicles	Vehicle Maintenance	15-Passanger Van Replacement - Recreation 2194		60,000			
Vehicles	Vehicle Maintenance	Tool Cat Replacement - Ballfields 5002		75,000			
Vehicles	Vehicle Maintenance	Pick-up Replacement - Ballfields 2143		35,000			
Vehicles	Vehicle Maintenance	3/4 Ton Pickup Replacement - Districting 2128		35,000			
Vehicles	Vehicle Maintenance	3/4 Ton Pickup Replacement - Districting 2129		35,000			
Vehicles	Vehicle Maintenance	3/4 Ton Pickup Replacement - Districting 2130		35,000			
Vehicles	Vehicle Maintenance	Rubbish Packer Replacement - Peaks 4060		160,000			
Vehicles	Vehicle Maintenance	Rolloff Truck Replacement - Peaks 4037		145,000			
Vehicles	Vehicle Maintenance	Snow Blower Replacement - Winter 7116		125,000			
Vehicles	Vehicle Maintenance	Car Carrier Replacement - Fleet 3082		30,000			
Vehicles	Vehicle Maintenance	1 Ton Wrecker Replacement - Fleet 2501		115,000			
Vehicles	Vehicle Maintenance	3/4 Ton Pickup Replacement - Barron Center 3915		35,000			
Vehicles	Vehicle Maintenance	1/2 Ton Pickup Replacement - Social Services 2207		35,000			
Vehicles	Vehicle Maintenance	1/2 Ton Pickup Replacement - Trades 2003		25,000			
Vehicles	Vehicle Maintenance	3/4 Ton Pickup Replacement - Trades - 2004		35,000			
Vehicles	Vehicle Maintenance	1/2 Ton Pickup Replacement - Trades 2005		25,000			
Vehicles	Vehicle Maintenance	3/4 Ton Utility Van Replacement - Trades 2006		30,000			
Vehicles	Vehicle Maintenance	1/2 Ton Pickup Replacement - Trades 2042				25,000	
Vehicles	Vehicle Maintenance	Ladder 4 Replacement - Fire		1,500,000			
Vehicles	Vehicle Maintenance	Car 4 Replacement - Fire 0216		51,000			

Vehicles	Vehicle Maintenance	Car 1 Replacement - Fire 0224			51,000		
Vehicles	Vehicle Maintenance	Car 2 Replacement - Fire 0223			50,000		
Vehicles	Vehicle Maintenance	Car 7 Replacement - Fire		50,000			
Vehicles	Vehicle Maintenance	Staff Car Replacement - Fire		40,000			
Vehicles	Vehicle Maintenance	Car 9 Replacement - Fire 0277		17,500			
Vehicles	Vehicle Maintenance	Parking Enforcement Vehicle Replacement - Parking 2216		25,000			
Vehicles	Vehicle Maintenance	Excavator Replacement - Districting 5082		170,000			
Vehicles	Vehicle Maintenance	Bucket Truck Replacement - Traffic 5110		125,000			
Vehicles	Vehicle Maintenance	Pavement Roller Replacement 1 Ton- Construction 5095		18,000			
Vehicles	Vehicle Maintenance	Grader Replacement - Winter 5096		320,000			
Vehicles	Vehicle Maintenance	Forklift Replacement - Fleet 6001		40,000			
Vehicles	Vehicle Maintenance	Skidsteer Replacement - Districting 5102		45,000			
Vehicles	Vehicle Maintenance	Skidsteer Replacement - Construction 5106		45,000			
Vehicles	Vehicle Maintenance	Forklift Replacement - Fleet 6004		40,000			
Vehicles	Vehicle Maintenance	Backhoe Replacement - Districting 5105		75,000			
Vehicles	Vehicle Maintenance	Grader Replacement - Public Services 5109		320,000			
Vehicles	Vehicle Maintenance	1 Ton Dump Truck Replacement - Districting 3100		60,000			
Vehicles	Vehicle Maintenance	1 Ton Dump Truck Replacement - Cemeteries 3119		52,000			
Vehicles	Vehicle Maintenance	1 Ton Dump Truck Replacement - Cemeteries 3121		52,000			
Vehicles	Vehicle Maintenance	1 Ton Dump Truck Replacement - Districting 3118		52,000			
Vehicles	Vehicle Maintenance	1 Ton Dump Truck Replacement - Districting 3120		52,000			
Vehicles	Vehicle Maintenance	1 Ton Dump Truck Replacement - Construction 3117		52,000			
Vehicles	Vehicle Maintenance	1 Ton Pickup Replacement - Peaks 2518		52,000			
Vehicles	Vehicle Maintenance	SA Dump Truck Replacement - Winter 3113		165,000			
Vehicles	Vehicle Maintenance	SA Dump Truck Replacement - Winter 3034		165,000			
Vehicles	Vehicle Maintenance	SA Dump Truck Replacement - Winter 3109		165,000			
Vehicles	Vehicle Maintenance	SA Dump Truck Replacement - Winter 3115		165,000			
Vehicles	Vehicle Maintenance	SA Dump Truck Replacement - Winter 3111		165,000			
Vehicles	Vehicle Maintenance	SA Dump Truck Replacement - Peaks 3114		165,000			
Vehicles	Vehicle Maintenance	1 Ton Pickup Replacement - Districting 3002		52,000			
Vehicles	Vehicle Maintenance	SA Dump Truck Replacement - Winter 3125		165,000			
Vehicles	Vehicle Maintenance	SA Dump Truck Replacement - Winter 3036		165,000			
Vehicles	Vehicle Maintenance	Dump Truck Replacement - Public Services 3201		185,000			
Vehicles	Vehicle Maintenance	Dump Truck Replacement - Public Services 3202		185,000			
Vehicles	Vehicle Maintenance	1 Ton Pickup Replacement - Peaks 3001		52,000			
Vehicles	Vehicle Maintenance	SA Dump Truck Replacement - Districting - 3126		165,000			
Vehicles	Vehicle Maintenance	Dump Truck Replacement - Winter 3130		165,000			
Vehicles	Vehicle Maintenance	Dump Truck Replacement - Public Services 3131		165,000			
Vehicles	Vehicle Maintenance	1 Ton Utility Truck Replacement - Traffic 2008		55,000			
Vehicles	Vehicle Maintenance	1/2 Ton Pickup Replacement - Cemeteries 2186		25,000			
Vehicles	Vehicle Maintenance	Compact Pickup Replacement - Districing 2181		25,000			
Vehicles	Vehicle Maintenance	Replace Peak's Backhoe 5115		95,000			
Vehicles	Vehicle Maintenance	Replace DPS Loader 5112		210,000			
Vehicles	Vehicle Maintenance	Compact Pickup Replacement - PDD 2180		25,000			
Vehicles	Vehicle Maintenance	Compact Pickup Replacement - Forestry 2200		25,000			

Vehicles	Vehicle Maintenance	3/4 Ton Pickup Replacement - Districting 2202		35,000			
Vehicles	Vehicle Maintenance	3/4 Ton Pickup Replacement - Districting 2203		35,000			
Vehicles	Vehicle Maintenance	3/4 Ton Pickup Replacement - PDD 2204		35,000			
Vehicles	Vehicle Maintenance	1 Ton Dump Truck Replacement - Construction 2502		52,000			
Vehicles	Vehicle Maintenance	1/2 Ton Pickup Replacement - Engineering 2051		25,000			
Vehicles	Vehicle Maintenance	Compact Pickup Replacement - Traffic 2061		25,000			
Vehicles	Vehicle Maintenance	1 Ton Crew Cab Pickup Replacement - Forestry 2503		40,000			
Vehicles	Vehicle Maintenance	Compact Pickup Replacement - Safety Officer 2002		25,000			
Vehicles	Vehicle Maintenance	Compact Pickup Replacement - PDD 2060		25,000			
Vehicles	Vehicle Maintenance	3/4 Ton Truck Replacement - Construction 2000		35,000			
Vehicles	Vehicle Maintenance	3/4 Ton Pickup Replacement - Construction 2001		35,000			
Vehicles	Vehicle Maintenance	1 Ton Utility Truck Replacement - Traffic 2500		55,000			
Vehicles	Vehicle Maintenance	1 Ton Rack Truck Replacement - Forestry 2509		40,000			
Vehicles	Vehicle Maintenance	1 Ton Dump Truck Replacement - Peaks 2508		52,000			
Vehicles	Vehicle Maintenance	3/4 Ton Pickup Replacement - Districting 2021		30,000			
Vehicles	Vehicle Maintenance	3/4 Ton Pickup Replacement - Districting 2024		35,000			
Vehicles	Vehicle Maintenance	1/2 Ton Pickup Replacement - Construction 2022		25,000			
Vehicles	Vehicle Maintenance	1/2 Ton Pickup Replacement - Engineering 2015		25,000			
Vehicles	Vehicle Maintenance	3/4 Ton Pickup - Peaks 2050		35,000			
Vehicles	Vehicle Maintenance	3/4 Ton Utility Truck Replacement - Playgrounds 2512			40,000		
Vehicles	Vehicle Maintenance	Compact Pickup Replacement - PDD 2029		25,000			
Vehicles	Vehicle Maintenance	Compact Pickup Replacement - Traffic 2030		20,000			

Vehicles	Vehicle Maintenance	3/4 Ton Crew Cab Pickup Replacement - Open Space 2514					
Vehicles	Vehicle Maintenance	Tractor Replacement - Ballfields 8008			12,000		
Vehicles	Vehicle Maintenance	Bucket Van Replacement - Trades 2218		55,000			
Vehicles	Vehicle Maintenance	Activity Bus Replacement - Recreation 2700			60,000		
Vehicles	Vehicle Maintenance	1 Ton Truck Replacement - Cemeteries 2522		52,000			
Vehicles	Vehicle Maintenance	Mower Replacement - Districting		90,000			
Vehicles	Vehicle Maintenance	Replace DPS Loader 5116		210,000			
Vehicles	Vehicle Maintenance	3/4 Ton Utility Van Replacement - Trades 2053		30,000			
Vehicles	Vehicle Maintenance	Mini Van Replacement - Trades 2047		25,000			
Vehicles	Vehicle Maintenance	Compact Pickup Replacement - Trades 2070		25,000			
Vehicles	Vehicle Maintenance	Compact Pickup Replacement - Trades 2086			25,000		
Vehicles	Vehicle Maintenance	1 Ton Utility Van Replacement - Trades 2090		30,000			
Vehicles	Vehicle Maintenance	1 Ton Pickup Replacement - Trades 3024		60,000			
Vehicles	Vehicle Maintenance	3/4 Ton Utility Van Replacement - Trades 2217		30,000			
Vehicles	Vehicle Maintenance	1 Ton Rack Body Truck Replacement - Trades 2507		52,000			
Vehicles	Vehicle Maintenance	Box Van Replacement - Trades 2519		30,000			
Vehicles	Vehicle Maintenance	Skidsteer Replacement - Trades 5001		45,000			
Vehicles	Vehicle Maintenance	Wheel Loader Replacement - Trades 5006		210,000			
Vehicles	Vehicle Maintenance	Van Replacement - Trades 2045		30,000			
Vehicles	Vehicle Maintenance	Pick-up Replacement - Ballfields 2012		27,000			
Vehicles	Vehicle Maintenance	Mower Replacement - Ballfields 7025			85,000		
Vehicles	Vehicle Maintenance	3/4 Ton Truck Replacement - Cemeteries 2142		35,000			
Vehicles	Vehicle Maintenance	Fleet Tire Truck Replacement - Public Services 2007		40,000			
Vehicles	Vehicle Maintenance	1 Ton Rack Truck Replacement - Construction 2505		50,000			
Vehicles	Vehicle Maintenance	Mowers (2) Replacement - Districting 7160, 7161		30,000			
Vehicles	Vehicle Maintenance	Mower Replacement - Districting 7180		60,000			
Vehicles	Vehicle Maintenance	Snow Blower Replacement - Winter 7199		125,000			
Vehicles	Vehicle Maintenance	Fleet Service Truck Replacement - Public Services 2521		30,000			
Vehicles	Vehicle Maintenance	Skidsteer Replacement - Districting 5114		45,000			
Vehicles	Vehicle Maintenance	Replace Solid Waste Forklift 6018		40,000			
Vehicles	Vehicle Maintenance	Skidsteer Replacement - Districting 5117		45,000			
Vehicles	Vehicle Maintenance	Wheel Loader - Stock Yard - Public Services 5003		195,000			
Vehicles	Vehicle Maintenance	3/4 Ton Pickup Truck Replacement - Horticulture 2134		38,000			
Vehicles	Vehicle Maintenance	Rolloff Truck Replacement - Solid Waste 4000		145,000			
Vehicles	Vehicle Maintenance	Skidsteer Replacement - Districting 5119		45,000			
Vehicles	Vehicle Maintenance	Mini Holder Replacement - PDD 8109		110,000			
Vehicles	Vehicle Maintenance	Turf Tractor Replacement - Districting 7010		40,000			
Vehicles	Vehicle Maintenance	Mower Replacement - Districting 7026		95,000			
Vehicles	Vehicle Maintenance	1/2 Ton Pickup - Public Services Street Openings 2062			25,000		
Vehicles	Vehicle Maintenance	3/4 Ton Pickup Replacement - Districting 2131			35,000		

Vehicles	Vehicle Maintenance	Replace DPS Excavator 5113			175,000		
Vehicles	Vehicle Maintenance	Flatbed Dump Truck Replacement - Horticulture 3003			55,000		
Vehicles	Vehicle Maintenance	Dump Truck Replacement - Winter 3129			165,000		
Vehicles	Vehicle Maintenance	Dump Truck Replacement - Winter 3203			180,000		
Vehicles	Vehicle Maintenance	Skidsteer Replacement - PDD 5120			45,000		
Vehicles	Vehicle Maintenance	Turf Tractor Replacement - Cemeteries 7011			60,000		
Vehicles	Vehicle Maintenance	Parking Enforcement Truck Replacement - Parking 2023		25,000			
Vehicles	Vehicle Maintenance	Car 8 Replacement - Fire 0059		17,500			
Vehicles	Vehicle Maintenance	Engine 6 Replacement - Fire 0279			700,000		
Vehicles	Vehicle Maintenance	Replace Parking Enforcement Truck 2167				25,000	
Vehicles	Vehicle Maintenance	Replace Parking Enforcement Vehicle 2168				25,000	
Vehicles	Vehicle Maintenance	4 WD Utility Tractor w/ Loader Backhoe Replacement - Recreation		45,000			
Vehicles	Vehicle Maintenance	Mowers (3) Replacement - Golf			210,000		
Vehicles	Vehicle Maintenance	Replace Van Expo 2085		30,000			
Vehicles	Vehicle Maintenance	Replace DPS Single Axle Plow 3135			165,000		
Vehicles	Vehicle Maintenance	Replace SPS Single Axle Dump 3136			165,000		
Vehicles	Vehicle Maintenance	Replace DPS Single Axle Dump 3134			165,000		
Vehicles	Vehicle Maintenance	Replace DPS Single Axle Dump 3133				165,000	
Vehicles	Vehicle Maintenance	Replace 11' Mower DPS 7187				70,000	
Vehicles	Vehicle Maintenance	1/2 Ton Pickuup - Solid Waste 2025		25,000			
Vehicles	Vehicle Maintenance	Replace DPS Pickup 2020		25,000			
Vehicles	Vehicle Maintenance	Replace PDD .5 Ton Pickup 2029		30,000			
Vehicles	Vehicle Maintenance	Replace Traffic .5 Ton Pickup 2030		25,000			
Vehicles	Vehicle Maintenance	Replace Horticulture 3./4 Ton Pickup 2134		40,000			
Vehicles	Vehicle Maintenance	Replace Forestry Chip Truck 3004			60,000		
Vehicles	Vehicle Maintenance	Replace JD Gator DPS 8007		15,000			
Vehicles	Vehicle Maintenance	Replace DPS Toolcat 5004		65,000			
Vehicles	Vehicle Maintenance	Replace PDD Toolcat 5005		65,000			
Vehicles	Vehicle Maintenance	Replace Street Open Truck 2040		25,000			
Vehicles	Vehicle Maintenance	Replace Street Open Truck 2098		25,000			
Vehicles	Vehicle Maintenance	Replace Street Open Truck 2062			25,000		
Vehicles	Vehicle Maintenance	Replace Engine 1		700,000			
Vehicles	Vehicle Maintenance	Replace Ladder 6			1,300,000		
Vehicles	Vehicle Maintenance	Replace Fire Electrical Pickup 0305		25,000			
Vehicles	Vehicle Maintenance	Replace Senior Rec Bus 2702				55,000	
Vehicles	Vehicle Maintenance	Parking Garage Truck - 2041		30,000			
Vehicles	Vehicle Maintenance	Parking Division SUV - 1021				20,000	
Vehicles	Vehicle Maintenance	Parking Enforcement Vehicle Replacement - 2160					
Vehicles	Vehicle Maintenance	Parking Enforcement Truck Replacement -2161					
Vehicles	Vehicle Maintenance	Parking Meter Van Replacement - 2171					
Vehicles	Vehicle Maintenance	Parking Enforcement Truck Replacement -2176					
TOTALS			**14,054,000**	**36,935,005**	**42,779,820**	**20,123,050**	**6,605,388**

Less: Available Funds within Bayside TIF (can go towards traffic or infrastructure improvements in Bayside			400,000				
Less: PY CIP Reallocations - Will be used to fund projects from above list			704,896				
GRAND TOTAL - FY17 General Fund Borrowing			**12,949,104**				
OPERATING BUDGET CIP							
Facilities	Parking / Garages	Temple St. Parking Garage Cond. Appraisal Rprs Concrete & Joints	230,000				
Equipment	Parking / Garages	Ticket Dispenser and Register at Elm Street Parking Garage	25,000				
Vehicles	Vehicle Maintenance	Firehouse Conditional Appraisal	50,000				
Facilities	Recreation and Facilities	Air condition conference rooms	30,000				
Equipment	Barron Center	Vulcan Steamer	14,900				
Vehicles	Vehicle Maintenance	Laundry Box Truck Replacement - Barron Center 3912	30,000				
Vehicles	Vehicle Maintenance	Rotary Trim Mower Replacement - Golf Course	45,000				
Vehicles	Vehicle Maintenance	Pot Hole Patcher Replacement - Districting 5104	40,000				
Vehicles	Vehicle Maintenance	Tractor -PDD - 7159	20,000				
Vehicles	Vehicle Maintenance	Kitchen Box Truck Replacement- Barron Center 3913	30,000				
Vehicles	Vehicle Maintenance	Patient Transport Van Replacement - Barron Center 3901	35,000				
			549,900				
SPECIAL REVENUE FUND CIP							
Facilities	Recreation and Facilities	Merrill- Flooring/Seating/Painting Replacement	100,000		100,000		
Parks, Fields,	Recreation and Facilities	Evergreen Cemetery Wall				100,000	
Vehicle - New	Vehicle Maintenance	Leaf Sweeping Unit for Cemeteries		35,000			
Vehicle - New	Vehicle Maintenance	Add Flail and Brush Cutter Attachment - Cemeteries		15,000			
Vehicles	Vehicle Maintenance	3/4 Ton Pickup Truck Replacement - Cemeteries 2121		35,000			
Equipment	Barron Center	Fire Alarm System - Barron Center	70,000				
Equipment	Barron Center	Day Room Furniture - Barron Center	23,802				
			193,802				

FUND BALANCE - SCHOOL SURPLUS CIP							
Vehicle - New	**School Department**	**Two 14 Passenger Buses**	**87,000**				
Vehicles	**School Department**	**Replacement School Bus**	**88,000**	**164,000**	**150,000**		
Facilities	School Department	Schools Conditional Appraisal / Workplan for Future Repairs	300,000				
Facilities	School Department	Capital Allowance - FY18 and beyond school improvements	$ 2,084,960				
School Surplus Reconciliation							
FY16 Beg Balance		$ 3,084,960					
FY17 CIP / School Board Recommended Projects		$ 500,000					
FY17 Budgeted use of Fund Balance		$ 500,000					
Remainder for Future Capital Use		$ 2,084,960					
GRAND TOTAL - Total Potential FY17 Capital Improvements			**15,272,702**				

SEWER FUND RECOMMENDED CIP - FY17 - FY21					
ProjectTitle	**2017**	**2018**	**2019**	**2020**	**2021**
CSO - Compliance - Madison / Walnut	1,000,000				
CSO - Compliance - Marginal / Forest / State	4,200,000				
CSO - Compliance - Deering Oaks	300,000				
CSO - Compliance - Woodfords / Hershey	3,600,000				
CSO - Compliance - Future Fiscal Years	0	10,000,000	13,000,000		
CSO Back Flow Prevention	25,000				
CMOM - Sewer System Renewal	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000
CMOM - Pump Station Rehabilitation	1,100,000	670,000	670,000	670,000	
CMOM - Inflow and Infiltration Program	750,000	260,000	790,000		
Warren Ave Storm Drain & MDOT Paving		990,000			
USM Roundabout Sewer Separation - PACTS Project		450,000			
O&M Relocation to Outer Congress Street	230,000				
Stormwater Infrastructure Failure Repairs	200,000	200,000	200,000	200,000	
Rand Rd Culvert - Emery Waterhouse Driveway	90,000				
PACTS Danforth St Paving	14,000				
MaineDOT Arterial Paving Riverside St - sewer portion	41,000	0	0	0	0
Municipal Partnership Initiative (MPI) Paving Program	51,750	50,000	50,000	50,000	50,000
CSO - Close CSO #42 and #43		2,000,000			
Gravel Wetland Stormwater Treatment System in the Capisic Brook Watershed		2,000,000			
Stormwater Retrofits on Riverside Street			185,000		
Sewer Replacement - Somerset Street Extension					
Green Infrastructure at Oxford Street Parking Garage		100,000			
Green Infrastructure at Kennedy Park		360,000			
Brighton Ave Sewer Separation		300,000			
Green Infrastructure: Peaks Island		50,000			
Street Sweepers Replacement	195,000	245,000	195,000	195,000	
Refurbish Sewer Backhoe 5100	30,000				
Catch Basin Cleaning Vehicle Replacement - Sewer 3127	100,000				
Right of Way Clearing Machine - Water Resources - New	160,000				
Replace Van Water Resources Engineers -0919	26,000				
1 Ton Crew Cab Pickup Replacement - Sewer 2511	40,000				
3/4 Ton Extended Cab Pickup Replacement - Sewer 2513	38,000				
TV Truck Replacement - Sewer 2516		250,000			
SEWER FUND - PUBLIC BONDING FINANCED	**13,290,750**	**19,025,000**	**16,190,000**	**2,215,000**	**1,150,000**
Operating Budget Financed Sewer / Stormwater Projects					
Stormwater Storage and Filtration Systems at Sagamore Village	1,246,060				
CSO Compliance - Anticipated Financing via Maine Bond Bank					
CSO - Compliance - Back Cove South Storage Conduit	17,000,000				
CSO - Future Fiscal Years		20,000,000	20,000,000	20,000,000	20,000,000

Project Title **ID** 141071

CSO - Compliance

Water Resources

Division Sewer

Classification Wastewater

Project Description

Federal mandate of Clean Water Act to reduce discharge of raw sewage into public waters.

Project Justification

FY17 total of $46,100,000:
- Back Cove South Conduit Construction - $37,000,000
- Madison Walnut Sewer Separation - $1,000,000
- Marginal, Forest, State Sewer Separation - $4,200,000
- Deering Oaks Park Gravel Lot - $300,000
- Woodfords Corner Sewer Separation - $3,600,000

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$12,000,000		$142,100,000		$154,100,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$46,100,000			☐
2018		$30,000,000			☐
2019		$43,000,000			☐
2020		$10,000,000			☐
2021		$25,000,000			☐
Total		$154,100,000			

Other Funding Source Description

Operating Budget Impact

Maintance of conduit and green infrasture

Project Title **ID** 173203

CSO Back Flow Prevention

Water Resources

Division Sewer

Classification Wastewater

Project Description

Install a back flow preventor at the outlet of CSO 26 Maple and Commercial

Project Justification

This CSO outlet currently does not provide back flow prevention so when the tide is high salt water can enter into the sewer system. This salt water is extra water within a very confined system which is already at capacity. Installing a back flow preventor will eliminate salt water from entering into the system.

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
2017		$25,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$25,000			

Other Funding Source Description

Operating Budget Impact

Salt water that enters into the sewer system has to be treated at the plant which costs money.

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.

FY17 projects currently planned but may be revised due to approved funding amounts are as follows:
1. East End Lining due to SSO's, sags, cracks and roots as determined from CCTV data.
2. West End Lining due to SSO's, sags, cracks and roots as determined from CCTV data.

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. This has resulted in the occassional sewer line backups or collapses that need to be upgraded or replaced. 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		$11,610,000		$12,900,000

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			☐
2018		$1,100,000			☐
2019		$1,100,000			☐
2020		$3,200,000			☐
2021		$3,200,000			☐
Total		$12,900,000	$3,200,000		

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 Failure Repairs

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. 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
		$1,000,000		$1,000,000

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			☐
2018		$200,000			☐
2021					☐
Total		$1,000,000	$200,000		

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 done in FY16 .
Curtis Pump Station Engineering
Curtis Gravity Sewer Engineering
Riverton Replacement with Submersible Pump Station
Castine Replacement of Security Fence
Scata 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
$465,000		$4,157,000		$4,622,000

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			☐
2018		$670,000			☐
2019		$670,000			☐
2020		$416,000			☐
2021		$416,000			☐
Total		$4,624,000	$1,350,000		

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...unpredictable without the results of Phase I and II

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$1,800,000		$2,000,000		$3,800,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$750,000			☐
2018		$260,000			☐
2019		$790,000			☐
2020		$1,000,000			☐
2021		$1,000,000			☐
Total		$3,800,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 141052

Stormwater Storage and Filtration Systems at Sagamore Village

Water Resources

Division Stormwater

Classification Wastewater

Project Description

Install two underground storage and filtration systems and associated diversion structures in the vicinity of Sagamore Village.

Project Justification

This project is a recommendation of the Capisic Brook Watershed Management Plan. The two storage and filtration systems would treat stormwater runoff from a drainage area of 42 AC of mainly residential property (housing, lawns, streets, & driveways). The drainage area is about 40% impervious, far exceeding the 11% threshold for a healthy watershed. The Maine Dept of Environmental Protection has determined that Capisic Brook does not meet its designated water quality classification (Class C). The City, under the Clean Water Act, is obligated to take steps to restore water quality in this Urban Impaired Stream (UIS) watershed. The Capisic Brook Watershed Management Plan was funded in large part by the US EPA and Maine DEP to help the City chart a path for restoring water quality in the brook.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$120,000		$1,246,060		$1,366,060

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2016		$120,000	$120,000		☑
2017		$1,246,060			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$1,366,060	$120,000		

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 162995

Warren Ave Storm Drain & MDOT Paving

Water Resources

Division Stormwater

Classification Wastewater

Project Description

Replace the existing 18", 24" and 36" CMP storm drain that has failed within Warren Ave between 517 Warren Ave to 659 Warren Ave before MaineDOT conducts Arterial Paving; potentially as soon as 2018.
The MaineDOT paving project is expected to extend from the Westbrook line to #450 Warren Avenue. This work is paid at 100% by State funding.

Project Justification

A recent risk analysis has shown this stormwater system as a Category 5; imminent failure condition.
MDOT will be doing a paving project in the near future; this work needs to be complete before they begin. Otherwise a significantly higher cost for moratorium repairs will be borne by the Sewer Fund.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$90,000		$1,625,000		$1,715,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$990,000			
2018	$725,000				
2019					
2020					
2021					
Total	$725,000	$990,000			

Other Funding Source Description

As soon as 2018 we expect MaineDOT's Arterial Paving Program to invest $725,000 into pavement preservation.

Operating Budget Impact

Reduced maintenance of the stormwater system.

Project Title **ID** 162996

USM Roundabout Sewer Separation - PACTS Project

Water Resources

Division Sewer

Classification Wastewater

Project Description

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

Project Justification

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

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
		$3,058,000		$3,058,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017	$2,608,000	$450,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total	$2,608,000	$450,000			

Other Funding Source Description

PACTS, MDOT, General funding

Operating Budget Impact

Project Title **ID** 173202

O&M Relocation to Outer Congress Street

Water Resources

Division Sewer

Classification Facilities

Project Description

It was determined in FY16 that Water Resources Operations and Maintenance Crews would be unable to relocate to the Canco Rd Facility. The outer Congress Facility was chosen as the best fit for staff and equipment and so new buildings were purchased and the site improved. The crews and equipment will be housed there by January 2016.

Project Justification

The site still needs additional improvements to support operations and maintenance of the city's sewer and stormwater systems and protect valuable infrastructure. The improvements include;

Pump Station for the buildings and Solid Waste trailers: the waste is currently pumped out of a holding tank however this is not a long term solution. 100K

Security Fencing: Water Resources assets purchased as a result of the CMOM study are both expensive and sophisticated. The outer congress yard is shared by other utilities and is wide open to the public. A security fence is needed on this site. $20,000

Enhanced Lighting: The facility will be occupied at night (winter months/rain events and emergencies) and lighting is not currently provided for that type of operation. $30,000

Expand internal vehicle storage and revamp heating system of garage currently occupied by PWD. PWD will be vacating the heated storage area currently shared with water resources and a new system plus a structural expansion is needed to house equipment and vehicles. $80,000

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$230,000	$230,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$230,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$230,000			

Other Funding Source Description

Operating Budget Impact

upgrades could costs as much as $3,000,000 per year.

Project Title **ID** 141794

Stormwater Infrastructure Failure Repairs

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. 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
		$1,000,000		$1,000,000

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			☐
2018		$200,000			☐
2021					☐
Total		$1,000,000	$200,000		

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 173656

Rand Rd Culvert - Emery Waterhouse Driveway

Water Resources

Division Stormwater

Classification Wastewater

Project Description

Replace the existing culvert under the Emery Waterhouse Driveway which has seen multiple failures and repairs

Project Justification

This section of culvert has seen multiple failures in the past 5 years and we had another one just this year. We hired Gorrill-Palmer to do a condition report on the existing culvert which is attached. They also produced a preliminary estimate to replace the most critical part of the existing culvert.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$10,000		$80,000		$90,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$90,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$90,000			

Other Funding Source Description

Operating Budget Impact

Eliminate emergency repair costs associated with this section of the culvert.

Other Funding Source Description

Operating Budget Impact

Updates to curb ramps will reduce the burden on sidewalk and CDBG budgets. Signalization updates will keep equipment reliable and require fewer service calls.

Project Title **ID** 163151

PACTS Danforth St Paving

Public Works

Division Engineering

Classification Streets/Sidewalks

Project Description

PACTS 16-18 TIP award of $248,413, inclusive of $62,103; the required 25% Local Match.

PACTS Collector Paving Program awarded Danforth St paving between York and High St. CIP request is for the required 25% Local Match ($62,103) plus ineligible City costs, including Sewer ($14,000) & multi-modal system improvements ($24,000). Work Plan indicates 2016 construction.

Project Justification

Highly leveraged value of Federally funded Pavement Rehabilitation projects; Local Match = 25% and City must cover 100% of sewer utility and ineligible items.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$10,000		$276,310		$286,310

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017	$200,310	$86,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total	$200,310	$86,000			

Other Funding Source Description

PACTS 16-18 TIP award; Work Plan indicates 2016 construction.

Operating Budget Impact

Reduces cost to City for pothole repair and leverages critical infrastructure maintainance.

Project Title **ID** 173674

Municipal Partnership Initiative (MPI) Paving Program

Public Works

Division Engineering

Classification Streets/Sidewalks

Project Description

Complete mill and overlay of various arterial and collector roadways with shared funding sources to improve substandard roads to PACTS and MaineDOT minimum standards. A portion of these costs should be allocated for sewer fund components of each project. See attachments for detail of funding programs.

FY17 Allen Av - Washington Av to Pennell Av $275,000
Washington Av - Ocean Av to Canco Rd $742,500

Projects for other years need to be coordinated with the gas company and water district schedules as well as other underground utility upgrades.

Project Justification

By combining limited state and city funding, major improvements can be made to deteriorating roadways. These improved sections will then qualify for future state funded pavement preservation programs. The City's maintenance costs will be reduced on these segments.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$450,000		$4,567,500		$5,017,500

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017	$500,000	$517,500			☐
2018	$500,000	$500,000			☐
2019	$500,000	$500,000			☐
2020	$500,000	$500,000			☐
2021	$500,000	$500,000			☐
Total	$2,500,000	$2,517,500			

Other Funding Source Description

PACTS/MaineDOT MPI funds; maximum of $200,000/$500,000 per project

Operating Budget Impact

All pavement preservation will reduce operating costs for both summer and winter maintenance of streets.

Project Title **ID** 152384

CSO - Close CSO #42 and #43

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 and #43. Overflows at CSO #42 and #43 were supposed to eliminated at the completion of Tier 2 but they are still occurring even after completing all of the projected 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 and #43.

Project Justification

In January 1991, the City of Portland and the Portland Water District (PWD) entered into an Administrative Consent Agreement with the State of Maine Department of Environmental Protection (DEP), which required the City and PWD to begin a prioritized, long-term program to abate CSOs in Portland. The components, cost, and schedule of the projects to reduce CSOs were defined through development of a Master Plan completed in December 1993.

The final Portland Combined Sewer Overflow Master Plan, prepared by CH2M Hill in 1993, contained an aggressive 15-year implementation schedule to abate the City's 39 CSOs tributary to six receiving water bodies. The primary goals of the CSO Master Plan were as follows:

- Eliminate 33 of the 39 CSOs.
- Reduce the annual CSO volume from 720 MG to 87 MG, based upon the 1996 precipitation record.
- Eliminate all CSOs in sensitive receiving waters identified as Capisic Brook, Fall Brook, Presumpscot Estuary, and Fore River.

In early 1997 the City of Portland retained DeLuca-Hoffman Associates, Inc. to prepare a 5-year implementation schedule of Combined Sewer Overflow abatement projects. The implementation schedule outlined the various projects, budgets and anticipated CSO impacts/benefits resulting from the proposed work. A Tier II CSO abatement 8-year implementation plan has also been completed and reviewed by MEDEP with final authorization being received in February 2003.

In September of 2007 the City acknowledged completion of all 75 Tier II CSO construction projects by 2011 is no longer achievable. By aggressively scheduling these construction projects and appropriating approximately $10 million annually, the City believes it will be able to complete the projects within a slightly longer timeframe, by the end of 2013. This became the Tier 2 revised plan which was completed in the fall of 2013.

The completion of Tier 2 separation projects within the Capisic Brook Watershed was supposed to close CSO#42 and #43. 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 and #43 would be closed. Since these CSO's are 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 and #43 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
$75,000		$2,000,000		$2,075,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2015		$75,000	$75,000		☑
2017					☐
2018		$2,000,000			☐

2019					☐
2020					☐
2021					☐
Total		$2,075,000	$75,000		

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 152418

Sewer Replacement - Somerset Street Extension

Water Resources

Division Sewer

Classification Wastewater

Project Description

To replace existing combined sewer with the installation of a new sanitary and stormwater sewer. Design for the roadway construction is current on-going.
Phase 1 - Elm to Hanover Street
Phase 2 - Hanover to Forest Avenue ON HOLD as of December 2014; Study showing 'No Build' outcomes.

Project Justification

Since Somerset Street is being rebuilt, replacing the aging sewer system is recommended.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$16,000		$144,000		$160,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2015		$160,000	$160,000		☑
2017					☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$160,000	$160,000		

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 152329

Gravel Wetland Stormwater Treatment System in the Capisic Brook Watershed

Water Resources

Division Stormwater

Classification Wastewater

Project Description

This project was developed under the Capisic Brook Watershed Management Plan and is designed to provide stormwater treatment and stream flow management for about 48 AC of impervious area within the north tributary catchment area of Capisic Brook. The project would consist of a series of gravel wetland treatment cells adjacent Capisic Brook on undeveloped land just north of Warren Avenue. Gravel wetlands are known to provide exceptional water quality treatment including nutrient (ie.: Nitrogen) removal. The "gravel wetlands park" concept provides the opportunity to create a stormwater treatment system and educational/recreational amenity, since it would be located near exiting open space currently enjoyed by Portland residents and the Portland Trails network. The project is divided into two steps, the first being land acquisition and the second design, permitting and construction.

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. This project, recommended in the Watershed Management Plan, is designed to improve water quality in the brook and manage stream flow in the upper portion of the watershed, which will benefit the entire watershed. Construction of this project, as part of the overall implementation of the watershed management plan, will help the move the City closer to its goal of restoring water quality in the brook. Funding for land acquisition is being requested in CIP Year 2015, because the property in question is being marketed at a reduced price by the current owner. Acquisition of this property could also help to address a separate recreational open space compliance issue under consideration by the City. By funding this request in CIP Year 2015 the City will have the flexibility to take advantage of the opportunity to purchase this property at a substantially lower price than originally anticipated and position itself to meet water quality and other compliance needs.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$175,000	$1,000,000	$2,000,000		$3,175,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2015		$1,000,000	$1,000,000		☑
2016		$175,000	$175,000		☑
2017					☐
2018		$2,000,000			☐
2019					☐
2020					☐
2021					☐
Total		$3,175,000	$1,175,000		

Other Funding Source Description

Operating Budget Impact

As with all stormwater management systems, once constructed there will be ongoing maintenance requirements and costs.

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
2017					☐
2018					☐
2019		$185,000			☐
2020					☐
2021					☐
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.

2019					☐
2020					☐
2021					☐
Total		$2,075,000	$75,000		

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 152418

Sewer Replacement - Somerset Street Extension

Water Resources

Division Sewer

Classification Wastewater

Project Description

To replace existing combined sewer with the installation of a new sanitary and stormwater sewer. Design for the roadway construction is current on-going.
Phase 1 - Elm to Hanover Street
Phase 2 - Hanover to Forest Avenue ON HOLD as of December 2014; Study showing 'No Build' outcomes.

Project Justification

Since Somerset Street is being rebuilt, replacing the aging sewer system is recommended.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$16,000		$144,000		$160,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2015		$160,000	$160,000		☑
2017					☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$160,000	$160,000		

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 163150

Canco Road Storm Drain

Water Resources

Division Stormwater

Classification Wastewater

Project Description

Installation of drainage in conjuction with anticipated MaineDOT funds to leverage rehabilitation of Canco between Read St and Washington Avenue.

Project Justification

Additional drainage is needed in this section of Canco Road.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$110,000		$967,500	$0	$1,077,500

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017					☐
2018					☐
2019					☐
2020					☐
2021	$500,000	$577,500			☐
Total	$500,000	$577,500			

Other Funding Source Description

Anticipatory MaineDOT/PACTS MPI program funds; cap of $500,000

Operating Budget Impact

Project Title **ID** 173643

Green Infrastructure at Oxford Street Parking Garage

Water Resources

Division Stormwater

Classification Wastewater

Project Description

Installation of rain gardens and bioswales to treat stormwater that currently goes into the combined sewer system.

Project Justification

The City owns a significant amount of green space adjacent to the Oxford Street Parking garage that can be used to design and construct a green infrastructure system. The parking garage site has approximately 1.2 acres of impervious area that can be directed to the treatment system. The project will also have the potential to treat flow from existing pipe systems on Oxford, Stone and Myrtle Street. The purpose of this project is to detain flows and treat stormwater flow that is currently tributary to the overburdened franklin street CSO. The site's existing open green space is ideal for a bio-swale/rain garden system. There is also large amounts of space for sub-surface mass volume detention systems. Installing these system could provide significant peak flow relief of the CSO outfall during intense storm events and water quality benefits during regular rain events.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$10,000		$90,000		$100,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017					☐
2018		$100,000			☐
2019					☐
2020					☐
2021					☐
Total		$100,000			

Other Funding Source Description

Operating Budget Impact

Maintenance

Project Title **ID** 173644

Green Infrastructure at Kennedy Park

Water Resources

Division Stormwater

Classification Wastewater

Project Description

Installation of pervious pavement within the basketball courts to treet the stormwater runoff.

Project Justification

Kennedy Park contains approximately .35 acres of impervious basketball courts where the stormwater flow is tributary to the city's system. This park is a good location to install a pervious paver system to reduce flows generated by the basketball courts. The pervious asphalt would also be an improvement to the courts because it would allow rain water to be immediately absorbed which would dry the courts much more quickly after rain events. There is also a potential to create rain gardens adjacent to the site which could handle flow from an approximately 3,600 square foot roof. In order to treat 1" of run of in the rain garden an approximate 600 square foot rain garden would be needed. The city has an opportunity to effectively utilize open green space to install stormwater green infrastructure. Utilizing this infrastructure will help take a burden off the combined sewer system and help mitigate CSO overflows and flooding during high intensity rainfall events, as well as providing water quality benefits during regular rain events.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$25,000		$335,000		$360,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017					☐
2018		$360,000			☐
2019					☐
2020					☐
2021					☐
Total		$360,000			

Other Funding Source Description

Operating Budget Impact

Maintenance

Project Title **ID** 173657

Brighton Ave Sewer Separation

Water Resources

Division Sewer

Classification Wastewater

Project Description

This request is for a sewer separation project in the area of Brighton Avenue between Lemond Street and Dorsett Street. This separated stormwater pipe will be placed in Brighton Avenue and collect runoff from at least 10 existing storm drains currently connected to the combined sewer. A minimum of seven additional manholes are required for installation. Stormwater will discharge to an existing culvert at the end of Merline Avenue off of Rowe Avenue.

Project Justification

Currently, stormwater is captured in the combined sewer which has led to combined sewer overflows at CSO 39. An addition to other work being down on Rowe Avenueit is expected that CSO 39 could be closed after this project is completed.
Rowe Avenue is slated for reconstruction in FY 2018.
Cost Estimate: $150 per linear foot of pipe. Approximately 1,500 linear feet of pipe. 20% contingency included in total fund request. $30,000 for Engineering.

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
$30,000		$270,000		$300,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017					☐
2018		$300,000			☐
2019					☐
2020					☐
2021					☐
Total		$300,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 173676

Green Infrastructure: Peaks Island

Water Resources

Division Stormwater

Classification Wastewater

Project Description

Installation of green infrastructure on Peaks Island.

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
2017					☐
2018		$50,000			☐
2019					☐
2020					☐
2021					☐
Total		$50,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 141056

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
			$1,345,000	$1,345,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2015		$175,000	$175,000		☑
2016		$175,000	$175,000		☑
2017		$195,000			☐
2018		$245,000			☐
2019		$195,000			☐
2014		$165,000	$165,000		☑
2020		$195,000			☐
2021					☐
Total		$1,345,000	$515,000		

Other Funding Source Description

Operating Budget Impact

Decreased maintenance costs

Project Title **ID** 173588

Refurbish Sewer Backhoe 5100

Vehicle Maintenance

Division Sewer Fund

Classification Vehicles

Project Description

Refurbish a 1997 JCB backhoe for Water Resources

Project Justification

Cost savings can be achieved by refurbishing this unit rather than purchasing new.

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
2017		$30,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$30,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 141209

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
			$100,000	$100,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$100,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$100,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 173587

Right of Way Clearing Machine - Water Resources - New

Vehicle Maintenance

Division Sewer Fund

Classification Vehicle - New (Not Replacement)

Project Description

For clearing of sewer right or ways

Project Justification

Sewer right of way clearing

5 Year Cost Summary

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

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$160,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$160,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 173595

Replace Van Water Resources Engineers -0919

Vehicle Maintenance

Division Sewer Fund

Classification Vehicles

Project Description

1999 E250 former ambulance

Project Justification

Requested by Nancy Galinaro to support several projects planned for the next 10 years

5 Year Cost Summary

Planning	Land	Construction	Equipment	Est Total Cost
			$26,000	$26,000

Funding Source

Year	Other Funding	Requested Funding	City Mgr Recommended	Funding Type	Approved
2017		$26,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$26,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 141256

1 Ton Crew Cab Pickup Replacement - Sewer 2511

Vehicle Maintenance

Division Sewer Fund

Classification Vehicles

Project Description

2005 1 con crew cab/ sewer maintenance

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
2017		$40,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$40,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 141257

3/4 Ton Extended Cab Pickup Replacement - Sewer 2513

Vehicle Maintenance

Division Sewer Fund

Classification Vehicles

Project Description

2006 3/4 ton pickup / sewer maintenance 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
2016		$38,000			☑
2017		$38,000			☐
2018					☐
2019					☐
2020					☐
2021					☐
Total		$76,000			

Other Funding Source Description

Operating Budget Impact

Project Title **ID** 141303

TV Truck Replacement - Sewer 2516

Vehicle Maintenance

Division Sewer Fund

Classification Vehicles

Project Description

2008 1 ton van chassis w/ box and tv equipment

Project Justification

scheduled replacement

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
2020					☐
2017					☐
2018		$250,000			☐
2019					☐
2021					☐
Total		$250,000			

Other Funding Source Description

Operating Budget Impact