

CAPITAL IMPROVEMENT PLAN

2019-2020

City of Philomath Public Works



Including

Facility Improvement Schedule

Infrastructure Improvements Schedule

Equipment Replacement Schedule

ADOPTED BY

PHILOMATH CITY COUNCIL

on

March 11, 2019

CITY OF PHILOMATH

Facility Improvement Schedule

<u>Facility Description</u>	<u>Estimated Future Cost</u>	<u>Current Balance</u>	<u>Years to Replace</u>	<u>2019-20</u>	<u>2020-21</u>	<u>2021-22</u>	<u>2022-23</u>	<u>2023-24</u>	<u>Comments</u>
CITY HALL Upgrade/Remodel	1,000,000	0	27	0	29,700	29,700	29,700	29,700	Replace in 2045
Remodel	170,000	140,300	1	29,700	0	0	0	0	Remodel in 2019
Parking lot/landscape restoration	30,000	6,700	7	3,000	3,000	3,000	3,000	3,000	Restore in 2025
HVAC replacement (2) units	40,000	<u>6,100</u>	13	<u>2,200</u>	<u>2,200</u>	<u>2,200</u>	<u>2,200</u>	<u>2,200</u>	Replace in 2031
Total Funding		153,100		34,900	34,900	34,900	34,900	34,900	
POLICE Upgrade/Remodel	1,200,000	106,500	37	0	18,800	18,800	18,800	18,800	Replace in 2055
Stabilization/seismic upgrade	125,000	106,200	1	18,800	0	0	0	0	Restore in 2019
Parking lot/landscape restoration	30,000	6,700	7	3,000	3,000	3,000	3,000	3,000	Restore in 2025
HVAC Rehab (3) units	60,000	<u>11,000</u>	8	<u>5,500</u>	<u>5,500</u>	<u>5,500</u>	<u>5,500</u>	<u>5,500</u>	Replace in 2026
Total Funding		230,400		27,300	27,300	27,300	27,300	27,300	
LIBRARY Upgrade/Remodel	1,200,000	198,000	27	24,500	24,500	24,500	24,500	24,500	Replace in 2045
Parking lot/landscape replacement	30,000	6,700	7	3,000	3,000	3,000	3,000	3,000	Restore in 2025
HVAC replacement (4) units	80,000	<u>16,600</u>	13	<u>4,000</u>	<u>4,000</u>	<u>4,000</u>	<u>4,000</u>	<u>4,000</u>	Replace in 2031
Total Funding		221,300		31,500	31,500	31,500	31,500	31,500	
PUBLIC WORKS Upgrade/Remodel	1,000,000	51,300	32	20,500	20,500	20,500	20,500	20,500	Replace in 2050
Shop Buildings Upgrade/Remodel	300,000	12,800	32	6,200	6,200	6,200	6,200	6,200	Replace in 2050
Parking lot/landscape restoration Main Bldg	30,000	15,600	4	3,200	3,200	3,200	3,200	0	Restore in 2022
Parking lot/landscape restoration Shops	125,000	118,800	1	6,200	0	0	0	0	Restore in 2019
Parking lot/landscape restoration Shops	150,000	0	21	0	6,200	6,200	6,200	6,200	Restore in 2038
HVAC Rehab (2) units	25,000	<u>16,400</u>	3	<u>2,500</u>	<u>2,500</u>	<u>2,500</u>	<u>0</u>	<u>0</u>	Restore in 2021
Total Funding		214,900		38,600	38,600	38,600	36,100	32,900	

Strategic Plan Objective #1.2.5: Save money each year for future building renovations and construction.

* Notations: 2% earned interest calculated annually; inflation is not factored in

Changes made to Facility Improvement Schedule 2019-2020

CITY HALL

- Updated Current balances
- Adjusted “Estimated Future Cost” lines
- Adjusted “Years to Replace” lines.
- Adjusted yearly contribution lines to meet replacement goals

LIBRARY

- Updated Current balances
- Adjusted “Estimated Future Cost” lines
- Adjusted “Years to Replace” lines
- Adjusted yearly contribution lines to meet replacement goals

POLICE DEPT

- Updated Current balances
- Adjusted “Estimated Future Cost” lines
- Adjusted “Years to Replace” lines
- Adjusted yearly contribution lines to meet replacement goals
- Added Stabilization/seismic upgrade line

PUBLIC WORKS

- Updated Current balances
- Adjusted “Estimated Future Cost” lines
- Adjusted “Years to Replace” lines
- Adjusted yearly contribution lines to meet replacement goals

**City of Philomath
Infrastructure Improvement Schedule**

	Project Cost	2019-20			2020-21			2021-22		
		Reserve	SDC Improv	SDC Reimb	Reserve	SDC Improv	SDC Reimb	Reserve	SDC Improv	SDC Reimb
Revenue:										
Cash carryover from prior year		736,200	347,000	444,000	3,900	875	(50)	26,000	878	2
Appropriation/Revenue		400,000	134,275	100,050	400,000	138,303	103,052	100,000	142,452	106,143
WTP financing loan/grant					9,100,000					
Grant for reservoir rebuild								330,000		
Interest income		22,700	9,600	10,900	8,100	2,700	2,000	2,400	2,900	2,100
Total Revenue		1,158,900	490,875	554,950	9,512,000	141,878	105,002	458,400	146,231	108,245
Projects:										
WTP engineering	1,750,000	(1,000,000)	(325,000)	(425,000)						
Reservoir - 9th St. engineering	450,000	(155,000)	(165,000)	(130,000)						
Water treatment plant	7,205,000				(7,205,000)					
Reservoir - 9th Street	2,400,000				(2,159,000)	(136,000)	(105,000)			
Re-develop 9th Street well	122,000				(122,000)					
Water SDC methodology update	5,000					(5,000)				
Neabeack Hill reservoir seismic	330,000							(330,000)		
Total Expenditure		(1,155,000)	(490,000)	(555,000)	(9,486,000)	(141,000)	(105,000)	(330,000)	0	0
Year End Balance		3,900	875	(50)	26,000	878	2	128,400	146,231	108,245

Water Treatment Plant Replacement

The current Water Treatment Plant has reached the end of its useful lifecycle. The new plant will use current filtration technology and increase overall treatment capacity. The city anticipates financing the project in the winter of 2021 with construction to start in the spring of 2021. Money appropriated for 2019-20 will be used for engineering and design.

Strategic Plan Objective 3.3.3: Construct new water treatment plant

9th Street Reservoir

1.5 million gallon reservoir located on the east side of 9th Street adjacent to the water treatment plant.

Strategic Plan Objective 3.3.3: Construct new water treatment plant. This was considered as a part of the new water treatment plant

Re-Develop 9th Street Well

The 9th Street well needs to be re-developed as a water source for the new water treatment plant.

Strategic Plan Objective 3.3.3: Construct new water treatment plant. This was considered as a part of the new water treatment plant

Neabeack Hill Reservoir Seismic Upgrade

Seismic upgrade to the reservoir. The city will look for grant money to fund this project.

Not Identified in Strategic Plan, but as a necessity in the Water System Master Plan

City of Philomath
Infrastructure Improvement Schedule

Sewer

	Project Cost	2019-20			2020-21			2021-22		
		Reserve	SDC Improv	SDC Reimb	Reserve	SDC Improv	SDC Reimb	Reserve	SDC Improv	SDC Reimb
Revenue:										
Cash carryover from prior year		498,600	272,300	157,800	268,100	175,975	232,275	7,000	127,108	309,648
Appropriation/Revenue		225,000	145,275	69,875	175,000	149,633	71,273	175,000	154,122	73,411
Interest income		14,500	8,400	4,600	8,900	6,500	6,100	0	5,600	7,700
Total Revenue		738,100	425,975	232,275	452,000	332,108	309,648	182,000	286,830	390,758
Projects:										
Timber Estates gravity Line	400,000	(400,000)								
S. 16th Street sewer engineering	70,000	(70,000)								
S. 16th Street sewer line	345,000			(345,000)						
S. 17th & 18th St. sewer engineering	100,000			(100,000)						
Sewer SDC methodology update	5,000					(5,000)				
S. 17th & 18th St. sewer line	978,000							(588,000)		(390,000)
Replace 1952 sewer pipe	3,000,000									
Transfers:										
To Sewer Fund for Bond Payment			(250,000)			(200,000)			(200,000)	
Total Expenditure		(470,000)	(250,000)	0	(445,000)	(205,000)	0	(588,000)	(200,000)	(390,000)
Year End Balance		268,100	175,975	232,275	7,000	127,108	309,648	(406,000)	86,830	758

Timber Estates Gravity Line

Remove Timber Estates Pump station and replace with gravity sewer line.

Strategic Plan Objective # 3.2.3 Gravity feed line Timber Estates to Newton Creek Trunk Sewer, abandon Timber Est PS

S. 16th Street Sewer Line

Replace failing 8" concrete sewer pipe with PVC. New pipe will run from Main Street to end of new extension opposite Cedar Street.

Strategic Plan Objective # 3.2.2: Reduce excessive Inflow and Infiltration (I & I) in the wastewater collection system

S. 17th and 18th Street Sewer Line

Replace 1952 era sewer line Applegate Street to Cedar Street

Strategic Plan Objective # 3.2.2: Reduce excessive Inflow and Infiltration (I & I) in the wastewater collection system

Replace 1952 Sewer Pipe

There is approximately 24,000 feet of 1952 concrete pipe that is failing and needs to be replaced.

SDC Reimbursement funds can be used to pay for 1952 pipe replacement.

Strategic Plan Objective # 3.2.4: Reduce excessive Inflow and Infiltration (I & I) in the wastewater collection system

City of Philomath
Infrastructure Improvement Schedule

Street

	Project Cost	2019-20			2020-21			2021-22		
		Reserve	SDC Improv	SDC Reimb	Reserve	SDC Improv	SDC Reimb	Reserve	SDC Improv	SDC Reimb
Revenue:										
Cash carryover from prior year		319,800	1,025,400	506,900	47,400	1,120,080	553,920	109,500	113,840	72,924
Appropriation/Revenue		60,000	72,680	36,120	60,000	74,860	37,204	60,000	77,106	38,320
Interest income		7,600	22,000	10,900	2,100	23,900	11,800	3,400	3,800	2,200
Total Revenue		387,400	1,120,080	553,920	109,500	1,218,840	602,924	172,900	194,747	113,443
Projects:										
S. 16th Street engineering	320,000	(320,000)								
School vehicle circulation study	20,000	(20,000)								
S. 16th Street project	1,630,000				(1,100,000)	(530,000)				
Street SDC methodology update	5,000				(5,000)					
Total Expenditure		(340,000)	0	0	0	(1,105,000)	(530,000)	0	0	0
Year End Balance		47,400	1,120,080	553,920	109,500	113,840	72,924	172,900	194,747	113,443

S. 16th Street Modernization and Expansion

Modernize S. 16th Street and construct to local street standard. Extend S. 16th Street down to S. 17th Street opposite Cedar Street.

This is project NR-9/Up-11 on the financially constrained Transportation System Plan list.

Notidentified in the Strategic Plan

School Vehicle Circulation Study

Develop and analyze design options to address issues with bus access, private vehicle access, student crossings on the highway, local neighborhood access and turn movement restrictions.

This is project TS-1 on the financially constrained Transportation System Plan list.

Notidentified in the Strategic Plan

City of Philomath
Infrastructure Improvement Schedule

Park

	Project Cost	2019-20		2020-21		2021-22	
		Reserve	SDC Improv	Reserve	SDC Improv	Reserve	SDC Improv
Revenue:							
Cash carryover from prior year		0	427,500	0	413,250	0	221,500
Appropriation/Revenue		0	26,650	90,000	27,450	0	28,273
Interest income		0	9,100	0	8,800	0	5,000
Total Revenue		0	463,250	90,000	449,500	0	254,772
Projects:							
Flossie Overman Discovery Park	50,000		(50,000)				
City Park restroom	110,000			(90,000)	(20,000)		
Tennis courts at the High School	200,000				(200,000)		
City Park drinking fountain & benches	8,000				(8,000)		
Neabeack Hill pocket park	35,000						(35,000)
Total Expenditure		0	(50,000)	(90,000)	(228,000)	0	(35,000)
Year End Balance		0	413,250	0	221,500	0	219,772

Flossie Overman Discovery Park (N. 11th Street)

This small neighborhood park is planned to be built within the fenced area of the City-owned pump station. This park will serve the residents north of the highway, that are currently underserved. It will include a basketball court, play equipment with a “natural playscapes” theme, benches, a walking path and a covered picnic area. The City was awarded a \$201,756 grant from the State Parks and Recreation Local Government Grant program in 2016. The total cost of the park will be \$255,000 with construction starting in the spring of 2019.

Strategic Plan Objective # 4.3.1: Complete design and construction on the new park on N11th St.

City Park Restroom

The current restrooms at City Park are under capacity and do not comply with ADA standards. The new restroom will be larger and replace the main restroom at the entrance to the park and the restroom adjacent to Shelter 2. The new restroom will match the construction style of the Kugler Hall to give visitors a better first impression of the park. This project is identified as the #1 priority in the Park Master Plan.

Strategic Plan Objective # 4.3.2: Follow the Park Master Plan Capital Project list

Tennis courts at the High School

The Park Master Plan recognizes the need for at least 2, if not 4, tennis courts to meet current and projected demand. There was significant demand reflected in the Philomath Survey to construct tennis courts. The City and School District continue to work together to identify an appropriate location and shared funding sources.

Recommended in the Park Master Plan

City Park drinking fountain & benches

The Park Master Plan states, "There are basic park amenities that must be provided to reach the level of service desired across the park system." Drinking fountains and park benches are amount these amenities that are currently lacking in the City Park."

Strategic Plan Objective # 4.3.2: Follow the Park Master Plan Capital Project list

Neabeack Hill pocket park

This small pocket park is planned to be built within the public right-of-way to serve the residents on the east side of the City that are currently underserved.

This is a Priority 1 project in the Park Master Plan.

City of Philomath
Infrastructure Improvement Schedule

Storm Drain

	Project Cost	2019-20		2020-21		2021-22	
		Reserve	SDC Improv	Reserve	SDC Improv	Reserve	SDC Improv
Revenue:							
Cash carryover from prior year		49,400	153,500	50,400	199,500	66,700	122,763
Revenue		0	42,100	15,000	43,363	15,000	44,664
Interest income		1,000	3,900	1,300	4,900	1,600	3,300
Total Revenue		50,400	199,500	66,700	247,763	83,300	170,727
Projects:							
Storm Water Master Plan	75,000				(75,000)		
16th St. project - storm drain portion	50,000				(50,000)		
Total Expenditure		0	0	0	(125,000)	0	0
Year End Balance		50,400	199,500	66,700	122,763	83,300	170,727

Storm Water Master Plan

Update current master plan

Strategic Plan Objective # 3.1.4: Update the Stormwater Master Plan by 2020

16th St. project - storm drain portion

Drainage for street improvement

This is project NR-9/Up-11 on the financially constrained Transportation System Plan list.-(Part of Street plan)

Not identified in the Strategic Plan

City of Philomath
Infrastructure Improvement Schedule

Bike Path/Footpath

	Project Cost	2019-20 Reserve	2020-21 Reserve	2021-22 Reserve
Revenue:				
Cash carryover from prior year		3,800	440	4,186
Revenue		3,540	3,646	3,756
Interest income		100	100	200
Total Revenue		7,440	4,186	8,142
Projects:				
Marys River Park - improve footpath	7,000	(7,000)		
Total Expenditure		(7,000)	0	0
Year End Balance		440	4,186	8,142

Marys River Park - improve footpath
Re-gravel park pathways
Not identified in the Strategic Plan

Changes made to Infrastructure Improvement Schedule 2019-2020

WATER FUND

- Adjusted “WTP replacement” project cost
- Adjusted “9th Street Reservoir” project cost
- Added SDC methodology update
- Added Neabeack Hill reservoir seismic upgrade line

WASTERWATER FUND

- Updated sewer project priorities
- Added Sewer SC methodology update

STREET FUND

- Added S 16th Street improvement project
- Added School vehicle circulation study
- Added SDC methodology update

PARK

- Adjusted “Flossie Overman Discovery Park Project Cost” line
- Adjusted “City Park restroom” line
- Added tennis courts line
- Added City Park drinking fountain and benches line
- Added Neabeack Hill pocket park line

STORM FUND

- Added storm water master plan
- Added 16th St project-storm drain portion

BIKE PATH/FOOTPATH

- Added improve footpath at Marys River Park

PUBLIC WORKS DEPARTMENT
Equipment Replacement Schedule

PUBLIC WORKS DEPARTMENT
Equipment Replacement Schedule

<u>Equipment # and Description</u>	<u>Estimated Future Cost</u>	<u>Current Balance</u>	<u>Years to Replace</u>	<u>2019-20</u>	<u>2020-21</u>	<u>2021-22</u>	<u>2022-23</u>	<u>2023-24</u>	<u>2024-25</u>	<u>2025-26</u>	<u>Comments</u>
Water Fund											
46 2012 2 yard Dump truck	50,000	33,900	3	4,600	4,600	4,600	0	0	0	0	Replace in 2021-22
48 2016 Ford utility van	45,000	10,100	7	4,500	4,500	4,500	4,500	4,500	4,500	4,500	Replace in 2025-26
55 2019 Dodge Ram	32,000	0	10	2,900	2,900	2,900	2,900	2,900	2,900	2,900	Replace in 2028-29
33 2007 Camel Vacuum truck	600,000	<u>257,800</u>	5	<u>60,000</u>	<u>60,000</u>	<u>60,000</u>	<u>60,000</u>	<u>60,000</u>	<u>0</u>	<u>0</u>	Replace in 2023-24
Total		301,800		72,000	72,000	72,000	67,400	67,400	7,400	7,400	
Wastewater Fund											
39 2008 Chevy Colorado pickup	27,000	23,900	1	2,800	0	0	0	0	0	0	Replace in 2019-20
Replace 2008 Chevy Colorado	30,000	0	11	0	2,800	2,800	2,800	2,800	2,800	2,800	Replace in 2029-30
43 2009 GMC Canyon	27,000	15,500	2	5,400	5,400	0	0	0	0	0	Replace in 2020-21
40 2008 Ford F450 Utility Truck	48,000	37,600	2	4,400	4,400	0	0	0	0	0	Replace in 2020-21
7 2003 International dump truck	85,000	42,000	3	13,200	13,200	13,200	0	0	0	0	Replace in 2021-22
16 2007 Case Backhoe	50,000	39,000	3	2,800	2,800	2,800	0	0	0	0	Replace in 2021-22
42 2008 Mini Excavator	45,000	29,200	3	4,600	4,600	4,600	0	0	0	0	Replace in 2021-22
Sewer camera replacement	85,000	<u>25,000</u>	8	<u>6,500</u>	Replace in 2026-27						
Total		212,200		39,700	39,700	29,900	9,300	9,300	9,300	9,300	
Street Fund											
45 2010 Service truck	50,000	44,500	1	5,500	0	0	0	0	0	0	Replace in 2019-20
Replace 2010 Service truck	60,000	0	11	0	5,500	5,500	5,500	5,500	5,500	5,500	Replace in 2029-30
13 Sander	10,000	2,300	7	1,000	1,000	1,000	1,000	1,000	1,000	1,000	Replace in 2025-26
54 2015 Ravo Street Sweeper	300,000	<u>53,700</u>	9	<u>24,200</u>	Replace in 2027-28						
Total		100,500		30,700							
Park Fund											
38 2007 John Deere front mower	30,000	26,500	1	3,000	0	0	0	0	0	0	Replace in 2019-20
Replace John Deere front mower	33,000	0	11	0	3,000	3,000	3,000	3,000	3,000	3,000	Replace in 2029-30
John Deere Tractor	35,000	18,100	4	3,800	3,800	3,800	3,800	0	0	0	Replace in 2022-23
City Park fall material	26,000	21,000	1	4,600	0	0	0	0	0	0	Replace in 2019-20
Park play equipment	30,000	0	7	0	4,600	4,600	4,600	4,600	4,600	4,600	Replace in 2025-26
Total		65,600		11,400	11,400	11,400	11,400	7,600	7,600	7,600	
Administration											
City Manager Vehicle	25,000	<u>19,200</u>	2	<u>2,600</u>	<u>2,600</u>	0	0	0	0	0	Replace in 2020-21
Total		19,200		2,600	2,600	0	0	0	0	0	

* Notations: 2% earned interest calculated annually; inflation is *not* factored in

Changes made to Equipment Replacement Schedule 2019-2020

WATER FUND

- Updated “Estimated Future Cost” line
- Updated “Current Balance” line
- Updated “Years to replace “line

WASTEWATER FUND

- Updated “Estimated Future Cost” line
- Updated “Current Balance” line
- Updated “Years to replace “line

STREET FUND

- Updated “Estimated Future Cost” line
- Updated “Current Balance” line
- Updated “Years to replace” line

PARK FUND

- Updated “Estimated Future Cost” lines
- Updated “Current Balance” line
- Updated “Years to replace” line
- Added “City Park fall material” line

ADMINISTRATION

- Updated “Estimated Future Cost” line
- Updated “Current Balance” line
- Updated “Years to replace” line