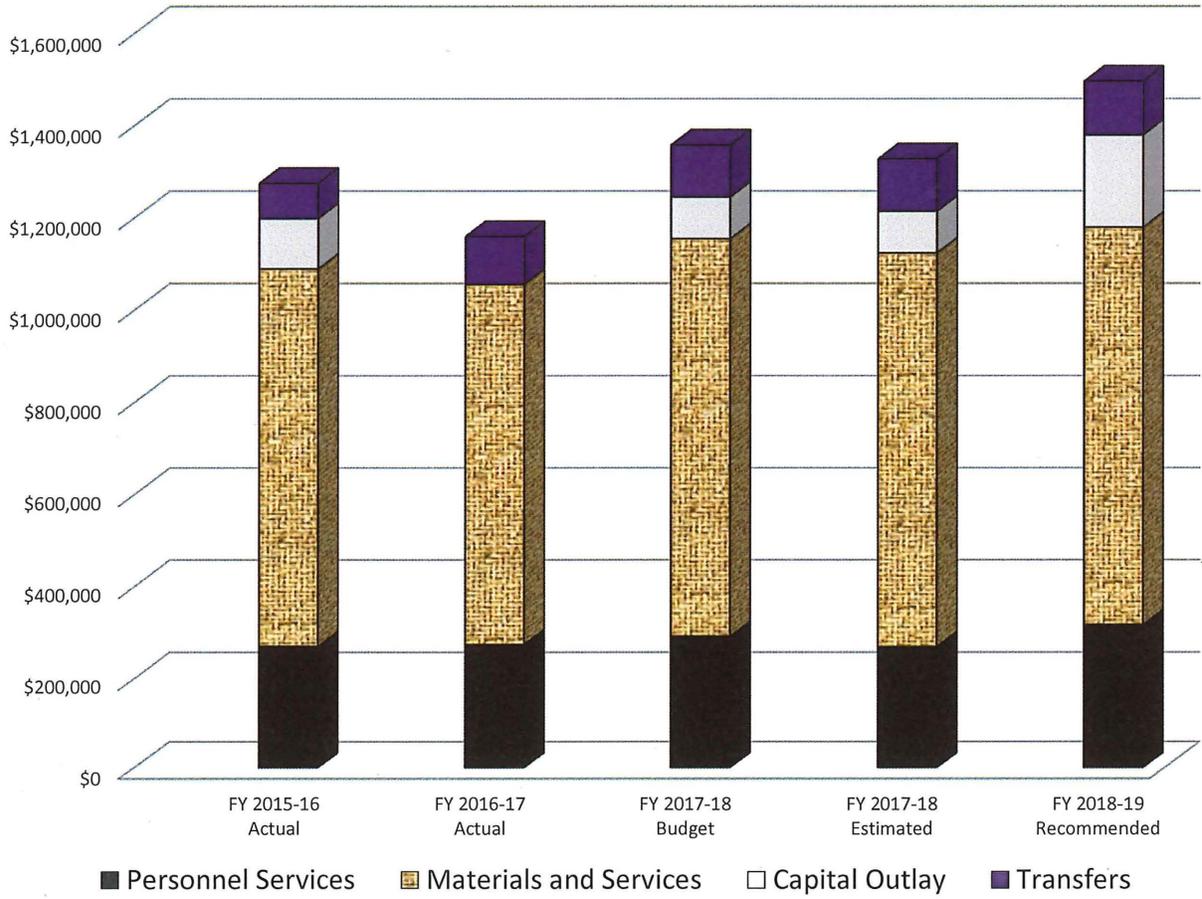


STREET LIGHTING FUND

RECOMMENDED FY 18-19



CITY OF BEAVERTON

BUDGET TREND ANALYSIS - FY 2015-16 TO FY 2018-19

With Explanations on Significant Changes between Budgeted 2017-18 and Recommended 2018-19

Fund:	Street Lighting					% Change Budgeted Vs. Recommended
	Actual FY 2015-16	Actual FY 2016-17	Budget FY 2017-18	Estimated FY 2017-18	Recommended FY 2018-19	
Personnel Services	\$270,747	\$274,668	\$292,180	\$269,769	\$317,537	8.68%
Materials and Services	818,484	780,741	862,560	854,010	861,500	-0.12%
Capital Outlay	108,905	-	90,000	90,000	200,000	122.22%
Transfers	76,242	103,705	112,884	113,466	116,346	3.07%
SUB-TOTAL	\$1,274,378	\$1,159,114	\$1,357,624	\$1,327,245	\$1,495,383	
Contingency - Reserve			96,589		140,413	
Reserve			7,414		8,896	
TOTAL	\$1,274,378	\$1,159,114	\$1,461,627	\$1,327,245	\$1,644,692	
FTE's	2.30	2.30	2.30		2.30	

Explanation of item(s) that are significant (10% and greater than \$10,000):

Personnel services:

The Recommended Budget includes step increases, COLA increases for SEIU, and Management as well as a 2.23% increase in retirement reserves contributions (PERS), medical insurance cost increases of 7.5% for the Kaiser Plan, and an 11% increase in MODA plans.

Materials and services:

No significant change

Capital outlay:

FY 2018-19 reflects \$200,000 to replace 400 High Pressure Sodium street lights with new LED street lights and for infill projects where no street lights exist.

Transfers:

No significant change

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2018-19 BUDGET

FUND: 111 STREET LIGHTING	DEPARTMENT: PUBLIC WORKS
DEPARTMENT HEAD: DAVID DONALDSON	

MISSION STATEMENT:

To provide safe and consistent street lighting for streets in the City that meets the needs of the community and the City's standards for lighting. Improve energy efficiency and help control the cost of power for streetlights by selecting lighting fixtures and lamps that are designed to reduce energy consumption building a sustainable system. The primary source of revenue in this fund is a property tax levy. This is from a continuing levy approved by the voters in 1948 and is now a component of the City's permanent levy rate. The rate has fluctuated in the past 10 years from about 16.5 cents to its current level of 15.5 cents per \$1000 of assessed valuation. This reflects an increase of 3 cents for FY 2018-19

REQUIREMENTS	FY 2015-16 ACTUAL	FY 2016-17 ACTUAL	FY 2017-18 BUDGETED	FY 2018-19 PROPOSED	FY 2018-19 ADOPTED
POSITION	2.30	2.30	2.30	2.30	0.00
PERSONNEL SERVICES	\$270,747	\$274,668	\$292,180	\$317,537	\$0
MATERIALS & SERVICES	818,484	780,741	862,560	861,500	0
CAPITAL OUTLAY	108,905	0	90,000	200,000	0
TRANSFERS	76,242	103,705	112,884	116,346	0
CONTINGENCY	0	0	104,003	149,309	0
TOTAL	\$1,274,378	\$1,159,114	\$1,461,627	\$1,644,692	\$0

Services and Trends:

The City has three Street Light Systems:

Option A: Under the Option A street light units/system, the light fixture, the pole (either a light pole or power pole) and the electrical cabling are all owned and maintained by PGE. The rate that the city pays for this system includes a pole charge, energy charge, and a maintenance charge.

Option B: Under the Option B street light units/system, the light fixture and the pole (either a light pole or power pole) is owned by the City, but the electrical cabling is owned by PGE. PGE provides the maintenance on these units/system. The rate that the city pays for this system includes an energy charge and a maintenance charge.

Option C: Under the Option C street light units/system, the entire asset comprised of the light fixture, the pole (either a light pole or power pole) and the electrical cabling is owned and maintained solely by the City. The rate that the city pays for this system is an energy charge.

STREET LIGHT SYSTEMS

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Option A: Light fixtures mounted on existing power poles, which are owned and maintained by PGE.	2,647	2,644	2,641	2,637
Option B: Light fixtures mounted on various poles, which are maintained by PGE and owned by the City.	327	320	306	308
Option C: Light fixtures mounted on poles, which are owned and maintained by the City.	4,263	4,214	4,243	4,376
Total:	7,237	7,178*	7,190	7,321

*Reduction in total street light inventory from prior year due to street lights maintained by the City given to Washington County for their maintenance.

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2018-19 BUDGET

FUND: 111 STREET LIGHTING	DEPARTMENT: PUBLIC WORKS
PROGRAM MANAGER: STEVE BRENNAN	

Performance Outcomes and Program Trends:

Staff in the Street Lighting Section will continue a program to replace old worn wiring and inefficient streetlight fixtures in the City as opportunities and funding are available. These efforts will help to stabilize costs and provide a reliable and efficient system. Since the energy consumption of streetlights represents a significant expense for the city, efficiency testing of new LED and induction streetlight lamps and other technologies will continue as they evolve and new products become available.

The work in this program supports the Beaverton Community Vision Actions: #48 *Install Pedestrian Lighting Citywide* and #54 *Upgrade Trails to Include Lighting*.

Progress on FY 2017-18 Action Plan:

During FY 17-18, crews continued to maintain the city’s street lighting system through preventative maintenance, replacement of worn out equipment or equipment destroyed in vehicular accidents as well as responding to reported outages for repair. The crews have also evaluated roadways and pathways which currently do not have lighting or lack adequate light levels and have created a priority list of new lights to be installed which included installing new lighting along S.W. 155th Ave. and along S.W. Rigert Rd. in the vicinity of Sexton Mt. grade school where no lighting existed. Crews continued to retrofit existing high pressure sodium fixtures with new LED fixtures improving the efficiency of the cities lighting system. Several styles of LED street lighting fixtures were field tested, allowing staff to evaluate performance for recommended changes to the city’s engineering design manual.

FY 2018-19 Action Plan:

During FY 18-19, crews will continue to maintain the city’s street light system through preventative maintenance, replacement of worn out equipment, equipment destroyed in vehicular accidents as well as responding to outages for repair within 48 hours. Crews will continue to focus efforts on projects that replace old worn and out dated lighting with energy efficient LED technology. The City still has 2320 Schedule C lights we would like to convert to LED and propose that any new resources that are generated this year (increase of levy by 3 cents) be utilized to expedite these conversions and build the fund balance that has been depleted in recent years. This would be done at roughly a 2 to 1 ratio with approximately \$200,000 going to fund 400 LEDs with the remaining \$90,000 to \$100,000 to fund balance. The 400 lights would primarily be targeted in the far SW portion of the city as well in the areas surrounding downtown where many of the light fixtures are nearing their end of life.

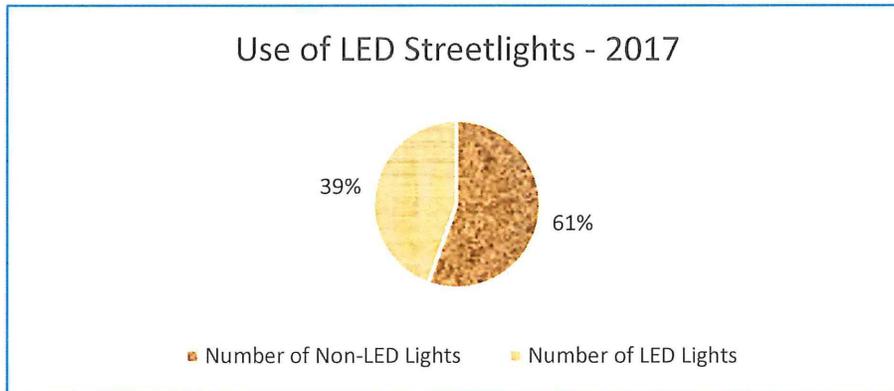
A complete inventory and mapping of all street lights maintained by the city is complete, utilizing new asset management software resulting in improved maintenance response to these assets as outages and other problems are reported. Continued effort will be made to enhance the city’s street light system where no lighting exists or light levels are sub-standard as funding is available.

We are beginning to see a downward trend in lower costs per light due to conversion of fixtures. The payback for LED light is approximately 11 years but the maintenance time and the less frequent need to change bulbs is perhaps just as significant as power savings.

Performance Measures:	FY 2015-16 Actual	FY 2016-17 Actual	FY 2017-18 Budgeted/Revised	FY 2018-19 Proposed
Number of City-owned streetlights repaired based on reported outage and damage.	412	586	550	550
Number of City-owned “Option C” streetlights maintained and repaired according to a preventative scheduled maintenance program.	1,000	1,000	1,000	1,000

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2018-19 BUDGET

FUND: 111 STREET LIGHTING	DEPARTMENT: PUBLIC WORKS
	PROGRAM MANAGER: STEVE BRENNAN



BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 111 STREET LIGHTING FUND

DEPT: 03 REVENUE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE

CLASS: 05 BEGINNING WORKING CAPITAL

301 BEGINNING WORKING CAPITAL

-453,777	-277,960	-284,598	-284,598	-284,598	-140,417	-148,912
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TOTAL CLASS: 05 BEGINNING WORKING CAPITAL

-453,777	-277,960	-284,598	-284,598	-284,598	-140,417	-148,912
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CLASS: 10 TAXES

306 INTEREST ON DELINQUENT TAXES

-255	-462		-642	-1,000	-1,000	-1,000
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311 PROPERTY TAXES - CURRENT YEAR

-1,071,596	-1,115,969	-1,152,929	-1,126,605	-1,158,924	-1,541,663	-1,464,580
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0701

312 PROPERTY TAXES - PRIOR YEARS

-13,649	-12,810	-10,000	-6,109	-10,000	-10,000	-10,000
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TOTAL CLASS: 10 TAXES

-1,085,500	-1,129,241	-1,162,929	-1,133,356	-1,169,924	-1,552,663	-1,475,580
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CLASS: 35 MISCELLANEOUS REVENUES

384 INVESTMENT INTEREST EARNINGS

-3,624	-4,865	-5,100	-4,961	-8,700	-13,200	-13,200
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389 MISCELLANEOUS REVENUES

-3,392	-5,658	-1,000	-12,750	-10,000	-5,000	-5,000
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398 SRVS PROVIDED TO OTHER FUNDS

	-24,262	-8,000	-1,457	-2,000	-2,000	-2,000
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756 PERS RSRV DISTRIB-NON GAAP REV

-3,837

757 MED/LIFE INS PREM REFUND DISTRIBUTION

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 111 STREET LIGHTING FUND

DEPT: 03 REVENUE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
	-2,207		-1,729				-935	-935						
TOTAL CLASS: 35 MISCELLANEOUS REVENUES														
	-13,060		-36,514		-14,100		-20,103	-21,635	-20,200		-20,200			
TOTAL DEPARTMENT: 03 REVENUE														
	-1,552,337		-1,443,715		-1,461,627		-1,438,057	-1,476,157	-1,713,280		-1,644,692			

0702

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 111 STREET LIGHTING FUND

DEPT: 85 PUBLIC WORKS - OPERATIONS

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE

CLASS: 05 PERSONNEL SERVICES

112	PUBLIC WORKS MANAGER 3													
	31,427	.30	32,808	.30	33,406	.30	26,401	33,404	35,555	.30	35,555	.30		
126	TRAFFIC SIGNAL MAINT TECH													
	100,801	1.50	94,714	1.50	104,343	1.50	60,630	87,592	102,385	1.50	102,385	1.50		
211	TRAFFIC SIGNAL MAINT LEAD													
	46,164	.50	46,397	.50	43,141	.50	37,009	44,370	45,031	.50	44,423	.50		
299	PAYROLL TAXES AND FRINGES													
	92,355		100,749		111,290		73,360	104,403	131,190		135,174			
50103	TOTAL CLASS: 05 PERSONNEL SERVICES													
	270,747	2.30	274,668	2.30	292,180	2.30	197,400	269,769	314,161	2.30	317,537	2.30		

CLASS: 10 MATERIALS & SERVICES

304	DEPARTMENT EQUIPMENT EXPENSE													
	672		941		1,000		242	500	1,000		1,000			
305	SPECIAL DEPARTMENT SUPPLIES													
	141		267		500		39	500	500		500			
307	MEMBERSHIP FEES													
					300			250	300		300			
321	TRAVEL, TRAINING & SUBSISTENCE													
	200				1,000			500	1,000		1,000			
328	MEALS & RELATED EXPENSE													
			68						200		200			
361	UNIFORMS & SPECIAL CLOTHING													
	2,274		3,014		3,000			500	3,000		3,000			
408	ST PEDESTRIAN LIGHT MAINT													
	45,674		48,521		86,260		84,823	96,260	85,000		85,000			
451	CITY STREET LIGHTING													
	765,575		724,327		744,000		490,571	744,000	744,000		744,000			
511	PROFESSIONAL SERVICES													

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 111 STREET LIGHTING FUND

DEPT: 85 PUBLIC WORKS - OPERATIONS

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
	3,351		2,987		25,000		4,977	10,000	25,000		25,000			
551 RENTS AND LEASES														
	597		616		1,500		633	1,500	1,500		1,500		1,500	
TOTAL CLASS: 10 MATERIALS & SERVICES	818,484		780,741		862,560		581,285	854,010	861,500		861,500			
CLASS: 15 CAPITAL OUTLAY														
681 IMPROVEMENTS														
	108,905				90,000			90,000	200,000		200,000			
TOTAL CLASS: 15 CAPITAL OUTLAY	108,905				90,000			90,000	200,000		200,000			
CLASS: 25 TRANSFERS														
0704 801 TRSFR TO GENERAL FD - OVERHEAD	35,854		42,503		42,063		35,053	42,063	42,320		42,320			
804 TRSFR - OPERATIONS ADMIN	22,677		30,057		32,994		27,495	33,576	34,895		34,895			
817 TRSFRS TO GARAGE FUND	7,064		19,585		23,630		13,556	23,630	24,292		24,292			
818 TRSFRS TO ISD-ALLOCATED	6,097		5,645		7,395		6,163	7,395	8,037		8,037			
819 TRSFRS TO INSURANCE FUND	4,550		5,915		6,802		5,668	6,802	6,802		6,802			
TOTAL CLASS: 25 TRANSFERS	76,242		103,705		112,884		87,935	113,466	116,346		116,346			
CLASS: 30 FUND BAL/CONTINGENCY/RESERVES														
991 CONTINGENCY - UNRESERVED					96,589				212,377		140,413			
996 RESERVE - EQUIPMENT REPLACEMT														

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 111 STREET LIGHTING FUND

DEPT: 85 PUBLIC WORKS - OPERATIONS

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
					7,414				8,896		8,896			
TOTAL CLASS: 30 FUND BAL/CONTINGENCY/RESERVES														
					104,003				221,273		149,309			
TOTAL DEPARTMENT: 85 PUBLIC WORKS - OPERATIONS														
	1,274,378	2.30	1,159,114	2.30	1,461,627	2.30	866,620	1,327,245	1,713,280	2.30	1,644,692	2.30		

0705

**STREET LIGHTING FUND
FY 2017-18 ADOPTED**

Code	Position	Title	Actual FY 16-17	Adopted FY 17-18	New	Transfer	Reclass	Deleted	Ending FY 17-18
112		PUBLIC WORKS MANAGER 3	0.30	0.30					0.30
126		TRAFFIC SIGNAL MAINT TECH	1.50	1.50					1.50
211		TRAFFIC SIGNAL MAINT LEAD	0.50	0.50					0.50
		Total	2.30	2.30	0.00	0.00	0.00	0.00	2.30

FY 2018-19 PROPOSED

Code	Position	Title	Ending FY 17-18	New	Transfer	Reclass	Deleted	Proposed FY 18-19
112		PUBLIC WORKS MANAGER 3	0.30					0.30
126		TRAFFIC SIGNAL MAINT TECH	1.50					1.50
211		TRAFFIC SIGNAL MAINT LEAD	0.50					0.50
		Total	2.30	0.00	0.00	0.00	0.00	2.30

BP WORKSHEET & JUSTIFICATION

FUND: 111 STREET LIGHTING FUND
 DEPT: 03 REVENUE
 PROGRAM: 0000 UNRESTRICTED

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE

CLASS: 05 BEGINNING WORKING CAPITAL

301	BEGINNING WORKING CAPITAL												
		453,777	277,960		284,598		284,598	140,417		148,912			

TOTAL CLASS: 05 BEGINNING WORKING CAPITAL		453,777	277,960		284,598		284,598	140,417		148,912			
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CLASS: 10 TAXES

306	INTEREST ON DELINQUENT TAXES						1,000	1,000		1,000			
		255	462										

311	PROPERTY TAXES - CURRENT YEAR				1,152,929		1,158,924	1,541,663		1,464,580			
		1,071,596	1,115,969										

312	PROPERTY TAXES - PRIOR YEARS				10,000		10,000	10,000		10,000			
		13,649	12,810										

TOTAL CLASS: 10 TAXES		1,085,500	1,129,241		1,162,929		1,169,924	1,552,663		1,475,580			
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CLASS: 35 MISCELLANEOUS REVENUES

384	INVESTMENT INTEREST EARNINGS				5,100		8,700	13,200		13,200			
		3,624	4,865										

389	MISCELLANEOUS REVENUES				1,000		10,000	5,000		5,000			
		3,392	5,658										

398	SRVS PROVIDED TO OTHER FUNDS				8,000		2,000	2,000		2,000			
			24,262										

756	PERS RSRV DISTRIB-NON GAAP REV												
			3,837										

757	MED/LIFE INS PREM REFUND DISTRIBUTION						935						
		2,207	1,729										

TOTAL CLASS: 35 MISCELLANEOUS REVENUES		13,060	36,514		14,100		21,635	20,200		20,200			
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TOTAL PROGRAM: 0000 UNRESTRICTED		1,552,337	1,443,715		1,461,627		1,476,157	1,713,280		1,644,692			
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TOTAL DEPARTMENT: 03 REVENUE		1,552,337	1,443,715		1,461,627		1,476,157	1,713,280		1,644,692			
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BP WORKSHEET & JUSTIFICATION

FUND: 111 STREET LIGHTING FUND
 DEPT: 03 REVENUE
 PROGRAM: 0000 UNRESTRICTED

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

301 BEGINNING WORKING CAPITAL

306 INTEREST ON DELINQUENT TAXES
 INTEREST ON DELIQUENT TAXES RECEIVED THROUGH WASHINGTON COUNTY

311 PROPERTY TAXES - CURRENT YEAR
 ASSESSED PROPERTY TAXES RECEIVED THROUGH WASHINGTON COUNTY. \$4.618 IS THE CITY'S MAXIMUM TAX RATE PER \$1,000 OF ASSESSED VALUATION. TAX RATES ARE:
 FY 16 \$3.72 GENERAL FUND, \$0.33 LIBRARY FUND, \$0.13 STREET LIGHTING FUND; TOTALING \$4.18 WITH VOTER APPROVED DEBT OF \$0.20 GIVES A TOTAL TAX RATE OF \$4.38
 FY 17 \$3.7272 GENERAL FUND, \$0.3314 LIBRARY FUND, \$0.1247 STREET LIGHTING FUND; TOTALING \$4.1833 WITH VOTER APPROVED DEBT OF \$0.1915 GIVES A TOTAL TAX RATE OF \$4.3748.
 FY 18 \$3.7144 GENERAL FUND, \$0.3314 LIBRARY FUND, \$0.1247 STREET LIGHTING FUND; TOTALING \$4.1705 WITH VOTER APPROVED DEBT OF \$0.2053 GIVES A TOTAL TAX RATE OF \$4.3758
 FY 19 \$3.7644 GENERAL FUND, \$0.3614 LIBRARY FUND, \$0.1547 STREET LIGHTING FUND; TOTALING \$4.2505 WITH VOTER APPROVED DEBT OF \$0.2053 GIVES A TOTAL TAX RATE OF \$4.4858
 FY 19 REFLECTS A 5 CENT INCREASE TO FUND 3 NEW POLICE OFFICER POSITIONS, A 3 CENT INCREASE FOR LIBRARY OPERATIONS AND A 3 CENT INCREASE TO FUND LED STREET LIGHT REPLACEMENTS

312 PROPERTY TAXES - PRIOR YEARS
 PRIOR YEARS' PROPERTY ASSESSMENTS PAID IN CURRENT YEAR RECEIVED THROUGH WASHINGTON COUNTY

384 INVESTMENT INTEREST EARNINGS
 INTEREST EARNINGS IS BASED ON AVAILABLE CASH BALANCES AND INTEREST RATES:
 FY 15-16 BUDGETED INTEREST EARNINGS ARE BASED UPON .50%
 FY 16-17 BUDGETED INTEREST EARNINGS ARE BASED UPON .55%
 FY 17-18 BUDGETED INTEREST EARNINGS ARE BASED UPON 1.10%
 FY 18-19 BUDGETED INTEREST EARNINGS ARE BASED UPON 1.75%

389 MISCELLANEOUS REVENUES
 REIMBURSEMENT FOR DAMAGES TO CITY PROPERTY

398 SRVS PROVIDED TO OTHER FUNDS
 LOCATING SERVICES PROVIDED BY STREET LIGHTING STAFF FOR OTHER CITY ULITITIES (WATER, SEWER AND STORM

756 PERS RSRV DISTRIB-NON GAAP REV
 RETIREMENT RESERVE \$1 MILLION DISTRIBUTION TO OPERATING FUNDS

757 MED/LIFE INS PREM REFUND DISTRIBUTION
 MODA MEDICAL INSURANCE PREMIUM EXPERIENCE REBATE DISTRIBUTION TO OPERATING FUNDS

BP WORKSHEET & JUSTIFICATION

FUND: 111 STREET LIGHTING FUND
 DEPT: 85 PUBLIC WORKS - OPERATIONS
 PROGRAM: 0811 STREET LIGHTING & MAINTENANCE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE

CLASS: 05 PERSONNEL SERVICES

112	PUBLIC WORKS MANAGER 3												
	31,427	.30	32,808	.30	33,406	.30	33,404	35,555	.30	35,555	.30		
126	TRAFFIC SIGNAL MAINT TECH												
	100,801	1.50	94,714	1.50	104,343	1.50	87,592	102,385	1.50	102,385	1.50		
211	TRAFFIC SIGNAL MAINT LEAD												
	46,164	.50	46,397	.50	43,141	.50	44,370	45,031	.50	44,423	.50		
299	PAYROLL TAXES AND FRINGES												
	92,355		100,749		111,290		104,403	131,190		135,174			

TOTAL CLASS: 05 PERSONNEL SERVICES

	270,747	2.30	274,668	2.30	292,180	2.30	269,769	314,161	2.30	317,537	2.30		
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CLASS: 10 MATERIALS & SERVICES

304	DEPARTMENT EQUIPMENT EXPENSE												
	672		941		1,000		500	1,000		1,000			
305	SPECIAL DEPARTMENT SUPPLIES												
	141		267		500		500	500		500			
307	MEMBERSHIP FEES												
					300		250	300		300			
321	TRAVEL, TRAINING & SUBSISTENCE												
	200				1,000		500	1,000		1,000			
328	MEALS & RELATED EXPENSE												
			68					200		200			
361	UNIFORMS & SPECIAL CLOTHING												
	2,274		3,014		3,000		500	3,000		3,000			
408	ST PEDESTRIAN LIGHT MAINT												
	45,674		48,521		86,260		96,260	85,000		85,000			
451	CITY STREET LIGHTING												
	765,575		724,327		744,000		744,000	744,000		744,000			

511 PROFESSIONAL SERVICES

	3,351		2,987		25,000		10,000	25,000		25,000			
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551 RENTS AND LEASES

	597		616		1,500		1,500	1,500		1,500			
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TOTAL CLASS: 10 MATERIALS & SERVICES

	818,484		780,741		862,560		854,010	861,500		861,500			
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0709

BP WORKSHEET & JUSTIFICATION

FUND: 111 STREET LIGHTING FUND
 DEPT: 85 PUBLIC WORKS - OPERATIONS
 PROGRAM: 0811 STREET LIGHTING & MAINTENANCE

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS
112	PUBLIC WORKS MANAGER 3 POSITION ALLOCATION TO 30% GENERAL FUND, 40% STREET FUND, AND 30% STREET LIGHTING FUND.
126	TRAFFIC SIGNAL MAINT TECH FY 16-17 REFLECTS DECREASE DUE TO POSITION VACANCY DURING THE YEAR.
211	TRAFFIC SIGNAL MAINT LEAD
299	PAYROLL TAXES AND FRINGES PAYROLL TAXES AND FRINGE BENEFITS EXPRESSED AS A PERCENTAGE OF SALARY TOTALS 61.45% AS A CITY-WIDE AVERAGE AND CONSISTS OF THE FOLLOWING: 37.07% IN PAYROLL TAXES CONSISTING OF 7.65% FICA, AVERAGE OF 20.74% FOR RETIREMENT CONTRIBUTIONS (25.39% PERS. 16.72% OPSRP GENERAL OR 21.49% OPSRP POLICE), A 2.23% CONTRIBUTION TO THE PERS RESERVE FUND, AND 6.45% IN OTHER TAXES (UNEMPLOYMENT, LONG TERM DISABILITY, WORKERS COMPENSATION, PEHP, AND TRIMET) 24.38% AS THE AVERAGE COST OF MEDICAL, DENTAL, LIFE AND AD&D INSURANCES
304	DEPARTMENT EQUIPMENT EXPENSE MISCELLANEOUS TOOLS RELATED TO STREETLIGHT INSTALLATION AND MAINTENANCE,
305	SPECIAL DEPARTMENT SUPPLIES MISCELLANEOUS SMALL SUPPLIES RELATED TO STREETLIGHT INSTALLATION AND MAINTENANCE
307	MEMBERSHIP FEES ELECTRICAL LICENSES RENEWAL FEES
321	TRAVEL, TRAINING & SUBSISTENCE TRAINING ASSOCIATED WITH ELECTRICAL LICENSE RENEWAL AND STREET LIGHTING DESIGN.
328	MEALS & RELATED EXPENSE FY 2017-18 REFLECTS THIS EXPENSE IS ACCOUNTED FOR IN THE PUBLIC WORKS ADMINISTRATION FUND
361	UNIFORMS & SPECIAL CLOTHING CLOTHING, RAINGEAR, FOOTWEAR AND SAFETY RELATED EQUIPMENT PER UNION CONTRACT.
408	ST PEDESTRIAN LIGHT MAINT MAINTENANCE & REPAIR OF STREET - PEDESTRIAN PATH LIGHTING (LAMPS, POLES, CONTROLLERS)
451	CITY STREET LIGHTING ENERGY COSTS AND POLE RENTAL FOR STREET AND PEDESTRIAN PATH LIGHTING ESTIMATED AT \$64,000 PER MONTH THE REDUCED COSTS FOR FY 2016-17 ARE DUE TO TWO ISSUES; PGE REQUESTED A TARIFF REDUCTION ON STREET LIGHT COMPONENTS (POLES, LAMPS & ENERGY) DURING FY 15-16, THE CITY REPLACED 925 HIGH PRESSURE SODIUM LAMPS WITH NEW LED LAMPS WHICH HAVE A LOWER ENERGY TARIFF COST.
511	PROFESSIONAL SERVICES CONTRACT MISCELLANEOUS ELECTRICAL AND LIGHTING REPAIR WORK NOT ABLE TO BE PERFORMED BY CITY STAFF, UNDERGROUND UTILITY LOCATES \$14,500 ONE CALL FEES (\$10,500 SPLIT WATER, SEWER, STREET LIGHTING, STORM, STREET) \$10,500
551	RENTS AND LEASES RENTS AND LEASES OF EQUIPMENT USED FOR STREET LIGHTING REPAIR LEASE FOR ARCTIC STORAGE LOT

BP WORKSHEET & JUSTIFICATION

FUND: 111 STREET LIGHTING FUND
 DEPT: 85 PUBLIC WORKS - OPERATIONS
 PROGRAM: 0811 STREET LIGHTING & MAINTENANCE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 15 CAPITAL OUTLAY													
681	IMPROVEMENTS												
	108,905				90,000		90,000	200,000		200,000			
TOTAL CLASS: 15 CAPITAL OUTLAY													
	108,905				90,000		90,000	200,000		200,000			
CLASS: 25 TRANSFERS													
801	TRSFR TO GENERAL FD - OVERHEAD												
	35,854		42,503		42,063		42,063	42,320		42,320			
804	TRSFR - OPERATIONS ADMIN												
	22,677		30,057		32,994		33,576	34,895		34,895			
817	TRSFRS TO GARAGE FUND												
	7,064		19,585		23,630		23,630	24,292		24,292			
818	TRSFRS TO ISD-ALLOCATED												
	6,097		5,645		7,395		7,395	8,037		8,037			
819	TRSFRS TO INSURANCE FUND												
	4,550		5,915		6,802		6,802	6,802		6,802			
TOTAL CLASS: 25 TRANSFERS													
	76,242		103,705		112,884		113,466	116,346		116,346			
CLASS: 30 FUND BAL/CONTINGENCY/RESERVES													
991	CONTINGENCY - UNRESERVED												
					96,589			212,377		140,413			
996	RESERVE - EQUIPMENT REPLACEMT												
					7,414			8,896		8,896			
TOTAL CLASS: 30 FUND BAL/CONTINGENCY/RESERVES													
					104,003			221,273		149,309			
TOTAL PROGRAM: 0811 STREET LIGHTING & MAINTENANCE													
	1,274,378	2.30	1,159,114	2.30	1,461,627	2.30	1,327,245	1,713,280	2.30	1,644,692	2.30		
TOTAL DEPARTMENT: 85 PUBLIC WORKS - OPERATIONS													
	1,274,378	2.30	1,159,114	2.30	1,461,627	2.30	1,327,245	1,713,280	2.30	1,644,692	2.30		
TOTAL FUND: 111 STREET LIGHTING FUND													
	1,274,378	2.30	1,159,114	2.30	1,461,627	2.30	1,327,245	1,713,280	2.30	1,644,692	2.30		

BP WORKSHEET & JUSTIFICATION

Budget Preparation - 2019

FUND: 111 STREET LIGHTING FUND

DEPT: 85 PUBLIC WORKS - OPERATIONS

PROGRAM: 0811 STREET LIGHTING & MAINTENANCE

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

681 IMPROVEMENTS
 RETROFIT 400 EXISTING STREET LIGHTS WITH L.E.D. FIXTURES @ \$500 PER LAMP \$200,000

801 TRSFR TO GENERAL FD - OVERHEAD
 ALLOCATION OF OVERHEAD SERVICES PROVIDED BY THE GENERAL FUND

804 TRSFR - OPERATIONS ADMIN
 ALLOCATION OF SERVICES PROVIDED BY THE OPERATIONS ADMINISTRATION FUND

817 TRSFERS TO GARAGE FUND
 ALLOCATION OF FLEET SERVICES (FUEL AND MAINTENANCE) PROVIDED BY THE GARAGE FUND

818 TRSFERS TO ISD-ALLOCATED
 ALLOCATION OF SERVICES PROVIDED BY THE INFORMATION SYSTEMS FUND \$8,037

819 TRSFERS TO INSURANCE FUND
 ALLOCATION OF CHARGES FOR GENERAL LIABILITY AND PROPERTY INSURANCE.

991 CONTINGENCY - UNRESERVED

996 RESERVE - EQUIPMENT REPLACEMT
 RESERVE FOR STREET LIGHT FUND VEHICLES



ESTIMATE - PAYROLL EXPENSE BY DEPARTMENT

Thursday, April 26, 2018 3:44 PM

ACCOUNT	TITLE	FTE	REG HRS	OT HRS	HIL HRS	REG PAY	OT PAY	HIL PAY	ADD PAY	SALARY	FBAMT	TOT AMT
111-85	PUBLIC WORKS - OPERATIONS											
111-85-0811-05-112	PUBLIC WORKS MANAGER 3	0.30	624			33,404				33,404	18,895	52,299
111-85-0811-05-126	TRAFFIC SIGNAL MAINT TECH	1.50	2,675	43		85,171	2,019		405	87,592	58,168	145,760
111-85-0811-05-211	TRAFFIC SIGNAL MAINT LEAD	0.50	1,115	5		43,920	316		135	44,370	27,340	71,710
	STREET LIGHTING & MAINTENANCE	2.30	4,414	48		162,494	2,335		540	165,366	104,403	269,769
	**** DEPARTMENT TOTAL ****	2.30	4,414	48		162,494	2,335		540	165,366	104,403	269,769

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PROPOSE - PAYROLL EXPENSE BY DEPARTMENT

Thursday, April 26, 2018 3:45 PM

ACCOUNT	TITLE	FTE	REG HRS	OT HRS	HIL HRS	REG PAY	OT PAY	HIL PAY	ADD PAY	SALARY	FBAMT	TOT AMT
111-85	PUBLIC WORKS - OPERATIONS											
111-85-0811-05-112	PUBLIC WORKS MANAGER 3	0.30	647			35,555				35,555	21,560	57,115
111-85-0811-05-126	TRAFFIC SIGNAL MAINT TECH	1.50	3,120	20		101,276	972		135	102,385	83,279	185,664
111-85-0811-05-211	TRAFFIC SIGNAL MAINT LEAD	0.50	1,080	10		43,681	608		135	44,423	30,335	74,758
	STREET LIGHTING & MAINTENANCE	2.30	4,847	30		180,512	1,580		270	182,363	135,174	317,537
	**** DEPARTMENT TOTAL ****	2.30	4,847	30		180,512	1,580		270	182,363	135,174	317,537

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