

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 603 INFORMATION SYSTEMS FUND DEPT: 03 REVENUE

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

CLASS: 05 BEGINNING WORKING CAPITAL

301 BEGINNING WORKING CAPITAL

	-442,201		-671,778		-431,147		-431,147	-431,147	-413,807		-413,807	
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TOTAL CLASS: 05 BEGINNING WORKING CAPITAL

	-442,201		-671,778		-431,147		-431,147	-431,147	-413,807		-413,807	
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CLASS: 15 INTERGOVERNMENTAL REVENUE

329 OTHER INTERGOVERNMENTAL REV

	-164,041		-107,575		-265,320		-261,930	-261,930				
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TOTAL CLASS: 15 INTERGOVERNMENTAL REVENUE

	-164,041		-107,575		-265,320		-261,930	-261,930				
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CLASS: 35 MISCELLANEOUS REVENUES

382 SALE OF CITY PROPERTY

							-434	-120				
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384 INVESTMENT INTEREST EARNINGS

	-4,568		-8,541		-9,000		-7,049	-9,000	-13,600		-13,600	
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399 REIMBURSEMENTS - OTHER

	-709		-12,564				-5,024	-5,024				
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756 PERS RSRV DISTRIB-NON GAAP REV

	-28,959											
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757 MED/LIFE INS PREM REFUND DISTRIBUTION

	-6,843		-3,805				-4,045	-4,045				
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TOTAL CLASS: 35 MISCELLANEOUS REVENUES

	-41,079		-24,910		-9,000		-16,552	-18,189	-13,600		-13,600	
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CLASS: 40 INTERFUND TRANSFERS/LOANS

406 TRSFERS FR GENERAL FUND - GIS PRGM

									-314,830		-314,830	
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407 TRSFERS FR STREET FUND - GIS PRGM

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 603 INFORMATION SYSTEMS FUND

DEPT: 03 REVENUE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE
									-16,469		-16,469	
408	TRSFERS FR WATER FUND - GIS PRGM											
									-179,079		-179,079	
409	TRSFERS FR SEWER FUND - GIS PRGM											
									-105,662		-105,662	
410	TRSFERS FR STORM DRAIN FUND - GIS PRGM											
									-153,606		-153,606	
411	TRSFERS FROM GENERAL FUND											
	-1,961,628		-1,791,823		-2,225,048		-2,225,048	-2,225,048	-2,432,123		-2,432,123	
412	TRSFERS FROM STREET FUND											
	-75,423		-66,125		-85,128		-85,128	-85,128	-94,495		-94,495	
419	TRSFERS FROM WATER FUND											
	-205,230		-193,014		-245,606		-245,606	-245,606	-286,721		-286,721	
421	TRSFERS FROM SEWER FUND											
	-171,171		-153,597		-194,849		-194,849	-194,849	-225,663		-225,663	
424	TRSFERS FROM REPROGRAPHICS FUND											
	-27,478		-25,153		-32,936		-32,936	-32,936	-36,227		-36,227	
425	TRSFERS FROM GARAGE FUND											
	-40,073		-38,166		-48,360		-48,360	-48,360	-54,014		-54,014	
428	TRSFER FR BUILDING OPERATING FD											
	-119,555		-145,833		-182,009		-182,009	-182,009	-195,395		-195,395	
430	TRANSFER FROM LIBRARY FUND											
	-259,911		-244,069		-308,719		-308,719	-308,719	-335,929		-335,929	
431	TRSFER FR GIS FUND											
	-85,776		-79,189		-92,847		-92,847	-92,847	-61,238		-61,238	
432	TRSFER FR PUBLIC WRKS ADMN FUND											
	-47,777		-43,730		-57,261		-57,261	-57,261	-62,980		-62,980	
437	TRSFERS FRM INSURANCE FUND											
	-8,930		-9,181		-12,025		-12,025	-12,025	-13,122		-13,122	
440	TRSFERS FR STREET LIGHTING FUND											
	-6,097		-5,645		-7,395		-7,395	-7,395	-8,037		-8,037	

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BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 603 INFORMATION SYSTEMS FUND

DEPT: 03 REVENUE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE
441	TRSFERS FR STORM DRAIN FUND											
	-102,671		-94,268		-117,908		-117,908	-117,908	-142,713		-142,713	
442	TRANSFER FROM THE TLT FUND											
					-16,456		-16,456	-16,456	-8,323		-8,323	
449	TSFR FR TRANS DEVL TAX/TIF FD											
	-6,364		-5,799		-7,596		-7,596	-7,596	-18,791		-18,791	
TOTAL CLASS: 40 INTERFUND TRANSFERS/LOANS												
	-3,118,084		-2,895,592		-3,634,143		-3,634,143	-3,634,143	-4,745,417		-4,745,417	
TOTAL DEPARTMENT: 03 REVENUE												
	-3,765,405		-3,699,855		-4,339,610		-4,343,772	-4,345,409	-5,172,824		-5,172,824	

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BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 603 INFORMATION SYSTEMS FUND DEPT: 30 INFORMATION SYSTEMS DEPARTMENT

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

CLASS: 05 PERSONNEL SERVICES

043	SR BUSINESS ANALYST PROGRAMMER											
	123,540	2.00										
082	INFORMATION SYSTEMS MANAGER											
	182,634	1.00	117,674	1.00	121,132	1.00	112,389	119,517	122,563	1.00	122,563	1.00
102	SUPVR COMMUNICATIONS ANALYST											
	86,880	1.00	92,927	1.00	99,592	1.00	93,404	99,612	106,304	1.00	106,304	1.00
104	BUSINESS ANALYST PROGRAMMER											
	366,614	5.00	474,047	6.00	506,567	6.00	477,344	506,787	714,918	8.00	714,918	8.00
106	WEB MANAGER											
	96,619	1.00	98,400	1.00	100,187	1.00	94,548	100,110	102,709	1.00	102,709	1.00
108	GIS MANAGER											
									116,322	1.00	116,322	1.00
145	GIS ANALYST											
									84,147	1.00	84,147	1.00
148	GIS SPECIALIST											
									139,118	2.00	139,118	2.00
189	WEB ANALYST											
	124,213	1.50	124,612	1.50	127,048	1.50	119,844	126,643	42,652	.50	42,652	.50
205	COMMUNICATIONS ANALYST											
	56,097	1.00										
221	SUPPORT SPECIALIST 2											
	2,197				53,506	1.00	50,313	53,503	54,839	1.00	54,839	1.00
243	COMPUTER SERVICE TECHNICIAN											
	183,355	4.00	164,319	3.00	188,872	3.00	175,252	186,947	201,515	3.00	201,515	3.00
249	COMPUTER SYSTEMS ADMINISTRATOR											
	71,201	1.00										
275	TEMPORARY EMPLOYEES											
	36,948		8,677									
283	APPLICATIONS DEVELOPMENT MANAGER											

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BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 603 INFORMATION SYSTEMS FUND

DEPT: 30 INFORMATION SYSTEMS DEPARTMENT

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE
			108,886	1.00	111,351	1.00	105,137	111,346	114,128	1.00	114,128	1.00
287	INFORMATION SERVICES SPECIALIST											
			170,750	3.00	235,883	3.00	224,976	238,835	251,944	3.00	251,944	3.00
299	PAYROLL TAXES AND FRINGES											
	499,124		573,029		728,508		657,012	688,245	1,011,743		1,011,743	

TOTAL CLASS: 05 PERSONNEL SERVICES

	1,829,422	17.50	1,933,321	17.50	2,272,646	18.50	2,110,219	2,231,545	3,062,902	23.50	3,062,902	23.50
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CLASS: 10 MATERIALS & SERVICES

301	OFFICE EXPENSE											
	396		509		2,300		1,247	1,800	2,500		2,500	
304	DEPARTMENT EQUIPMENT EXPENSE											
	834		500		500		493	493	500		500	
305	SPECIAL DEPARTMENT SUPPLIES											
	36,048		40,364		40,000		35,550	40,000	40,000		40,000	
307	MEMBERSHIP FEES											
									350		350	
308	PERIODICALS & SUBSCRIPTIONS											
			212		550		770	550	600		600	
317	COMPUTER EQUIPMENT											
	132,010		136,967		129,900		123,872	129,900	165,850		165,850	
318	COMPUTER SOFTWARE											
	217,027		274,634		282,511		269,150	262,000	279,060		279,060	
321	TRAVEL, TRAINING & SUBSISTENCE											
	17,904		15,923		20,900		16,364	20,000	35,160		35,160	
328	MEALS & RELATED EXPENSE											
	218		230		400		400	400	560		560	
330	MILEAGE REIMBURSEMENT											
					50				100		100	
341	COMMUNICATIONS EXPENSE											

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BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 603 INFORMATION SYSTEMS FUND DEPT: 30 INFORMATION SYSTEMS DEPARTMENT

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE
	322,083		188,391		329,290		205,215	329,290	285,811		285,811	
342	DATA COMMUNICATION EXPENSE											
			812		480		440	480	960		960	
371	EQUIPMENT OPER & MAINT EXPENSE											
	19,051		19,210		20,000		21,312	20,000	20,000		20,000	
511	PROFESSIONAL SERVICES											
	85,548		60,469		133,700		69,657	121,650	161,850		161,850	
536	MAINTENANCE CONTRACTS											
	333,722		340,452		554,290		541,645	520,000	713,280		713,280	
TOTAL CLASS: 10 MATERIALS & SERVICES												
	1,164,841		1,078,673		1,514,871		1,286,115	1,446,563	1,706,581		1,706,581	
CLASS: 15 CAPITAL OUTLAY												
671	EQUIPMENT											
	91,759		249,045		245,243		198,075	245,218	240,077		240,077	
TOTAL CLASS: 15 CAPITAL OUTLAY												
	91,759		249,045		245,243		198,075	245,218	240,077		240,077	
CLASS: 25 TRANSFERS												
816	TRSFERS TO REPROGRAPHICS FUND											
	3,173		1,908		1,651		1,209	1,651	4,436		4,436	
819	TRSFERS TO INSURANCE FUND											
	4,432		5,761		6,625		6,625	6,625	6,625		6,625	
TOTAL CLASS: 25 TRANSFERS												
	7,605		7,669		8,276		7,834	8,276	11,061		11,061	
CLASS: 30 FUND BAL/CONTINGENCY/RESERVES												
991	CONTINGENCY - UNRESERVED											
					218,574				72,203		72,203	
996	RESERVE - EQUIPMENT REPLACEMT											

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 603 INFORMATION SYSTEMS FUND

DEPT: 30 INFORMATION SYSTEMS DEPARTMENT

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE
					80,000				80,000		80,000	
TOTAL CLASS: 30 FUND BAL/CONTINGENCY/RESERVES												
					298,574				152,203		152,203	
TOTAL DEPARTMENT: 30 INFORMATION SYSTEMS DEPARTMENT												
	3,093,627	17.50	3,268,708	17.50	4,339,610	18.50	3,602,243	3,931,602	5,172,824	23.50	5,172,824	23.50

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BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 03 REVENUE
 PROGRAM: 0000 UNRESTRICTED

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

CLASS: 05 BEGINNING WORKING CAPITAL

301	BEGINNING WORKING CAPITAL										
		442,201	671,778	431,147	431,147	413,807	413,807				

TOTAL CLASS: 05 BEGINNING WORKING CAPITAL

		442,201	671,778	431,147	431,147	413,807	413,807				
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CLASS: 15 INTERGOVERNMENTAL REVENUE

329	OTHER INTERGOVERNMENTAL REV										
		164,041	107,575	265,320	261,930						

TOTAL CLASS: 15 INTERGOVERNMENTAL REVENUE

		164,041	107,575	265,320	261,930						
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CLASS: 35 MISCELLANEOUS REVENUES

382	SALE OF CITY PROPERTY						120				
384	INVESTMENT INTEREST EARNINGS										
		4,568	8,541	9,000	9,000	13,600	13,600				
399	REIMBURSEMENTS - OTHER										
		709	12,564		5,024						
756	PERS RSRV DISTRIB-NON GAAP REV										
		28,959									
757	MED/LIFE INS PREM REFUND DISTRIBUTION										
		6,843	3,805		4,045						

TOTAL CLASS: 35 MISCELLANEOUS REVENUES

		41,079	24,910	9,000	18,189	13,600	13,600				
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CLASS: 40 INTERFUND TRANSFERS/LOANS

406	TRSFERS FR GENERAL FUND - GIS PRGM							314,830	314,830		
407	TRSFERS FR STREET FUND - GIS PRGM							16,469	16,469		
408	TRSFERS FR WATER FUND - GIS PRGM							179,079	179,079		
409	TRSFERS FR SEWER FUND - GIS PRGM							105,662	105,662		

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BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 03 REVENUE
 PROGRAM: 0000 UNRESTRICTED

OBJ	OBJECT DESCRIPTION	JUSTIFICATIONS
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301 BEGINNING WORKING CAPITAL

329 OTHER INTERGOVERNMENTAL REV
 GRANT FUNDING FROM METROPOLITAN AREA CABLE COMMISSION (MACC)
 FY2017-18 REFLECTS:
 FALL 2017 GRANT AWARD OF \$125,025 FOR
 SECURITY APPLIANCE \$59,738
 BEAVERTON BUILDING NETWORK SWITCHES \$25,717
 UPGRADE HYPERSERVERS \$32,132
 UPGRADING THE VIRTUAL PRIVATE NETWORK APPLIANCE \$7,438
 SPRING 2018 GRANT AWARD OF \$140,295 FOR:
 GIS PORTAL REPLACEMENT \$47,861
 WIRELESS NETWORK AT THE GRIFFITH DRIVE BUILDING \$70,077 (THIS IS BUDGETED TO OCCUR
 IN FY 2018-19 IN PROGRAM 0712 ACCOUNT NO. 671)
 UPGRADE THE LIBRARY BUILDING'S PUBLIC ACCESS SWITCHES \$22,357

382 SALE OF CITY PROPERTY

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%

399 REIMBURSEMENTS - OTHER
 FY 2016-17 REFLECTS THE CITY PORTION OF THE DEPARTMENT OF JUSTICE SETTLEMENT ON
 FLAT PANEL MONITORS
 FY 2017-18 REFLECTS REFUND ON SOFTWARE RENEWAL AND DISPOSAL OF CITY CELL PHONES

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

406 TRSFERS FR GENERAL FUND - GIS PRGM
 IN FY 18-19, GIS FUND IS CONSOLATED INTO ISD FUND UNDER GIS SERVICES PROGRAM 0678.

407 TRSFERS FR STREET FUND - GIS PRGM
 IN FY 18-19, GIS FUND IS CONSOLATED INTO ISD FUND UNDER GIS SERVICES PROGRAM 0678.

408 TRSFERS FR WATER FUND - GIS PRGM
 IN FY 18-19, GIS FUND IS CONSOLATED INTO ISD FUND UNDER GIS SERVICES PROGRAM 0678.

409 TRSFERS FR SEWER FUND - GIS PRGM
 IN FY 18-19, GIS FUND IS CONSOLATED INTO ISD FUND UNDER GIS SERVICES PROGRAM 0678.

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BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 03 REVENUE
 PROGRAM: 0000 UNRESTRICTED

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - RECOMD		2019 ADOPTED		
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	
410	TRSFERS FR STORM DRAIN FUND - GIS PRGM								153,606		153,606	
411	TRSFERS FROM GENERAL FUND											
	1,961,628		1,791,823		2,225,048		2,225,048	2,432,123		2,432,123		
412	TRSFERS FROM STREET FUND											
	75,423		66,125		85,128		85,128	94,495		94,495		
419	TRSFERS FROM WATER FUND											
	205,230		193,014		245,606		245,606	286,721		286,721		
421	TRSFERS FROM SEWER FUND											
	171,171		153,597		194,849		194,849	225,663		225,663		
424	TRSFERS FROM REPROGRAPHICS FUND											
	27,478		25,153		32,936		32,936	36,227		36,227		
425	TRSFERS FROM GARAGE FUND											
	40,073		38,166		48,360		48,360	54,014		54,014		
428	TRSFER FR BUILDING OPERATING FD											
	119,555		145,833		182,009		182,009	195,395		195,395		
430	TRANSFER FROM LIBRARY FUND											
	259,911		244,069		308,719		308,719	335,929		335,929		
431	TRSFER FR GIS FUND											
	85,776		79,189		92,847		92,847	61,238		61,238		
432	TRSFER FR PUBLIC WRKS ADMN FUND											
	47,777		43,730		57,261		57,261	62,980		62,980		
437	TRSFERS FRM INSURANCE FUND											
	8,930		9,181		12,025		12,025	13,122		13,122		
440	TRSFERS FR STREET LIGHTING FUND											
	6,097		5,645		7,395		7,395	8,037		8,037		
441	TRSFERS FR STORM DRAIN FUND											
	102,671		94,268		117,908		117,908	142,713		142,713		
442	TRANSFER FROM THE TLT FUND											
					16,456		16,456	8,323		8,323		
449	TSFR FR TRANS DEVL TAX/TIF FD											
	6,364		5,799		7,596		7,596	18,791		18,791		
TOTAL CLASS: 40 INTERFUND TRANSFERS/LOANS												
	3,118,084		2,895,592		3,634,143		3,634,143	4,745,417		4,745,417		
TOTAL PROGRAM: 0000 UNRESTRICTED												
	3,765,405		3,699,855		4,339,610		4,345,409	5,172,824		5,172,824		
TOTAL DEPARTMENT: 03 REVENUE												
	3,765,405		3,699,855		4,339,610		4,345,409	5,172,824		5,172,824		

BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND

DEPT: 03 REVENUE

PROGRAM: 0000 UNRESTRICTED

OBJ	OBJECT DESCRIPTION	JUSTIFICATIONS
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410	TRSFERS FR STORM DRAIN FUND - GIS PRGM IN FY 18-19, GIS FUND IS CONSOLATED INTO ISD FUND UNDER GIS SERVICES PROGRAM 0678.	
411	TRSFERS FROM GENERAL FUND CHARGES FOR ALLOCATED SERVICES INCLUDES POLICE ALLOCATION FOR MAINTENANCE CONTRACTS \$38,300; COMMUNICATION EXPENSE FOR THE REGIN SYSTEM \$142,100 ONE PROGRAMMER ANALYST MATRIXED TO THE POLICE DEPT (\$105,652) ONE PROGRAMMER ANALYST MATRIXED TO THE MAYOR'S OFFICE (\$115,712)	
412	TRSFERS FROM STREET FUND CHARGES FOR ALLOCATED SERVICES	
419	TRSFERS FROM WATER FUND CHARGES FOR ALLOCATED SERVICES	
421	TRSFERS FROM SEWER FUND CHARGES FOR ALLOCATED SERVICES	
424	TRSFERS FROM REPROGRAPHICS FUND CHARGES FOR ALLOCATED SERVICES	
425	TRSFERS FROM GARAGE FUND CHARGES FOR ALLOCATED SERVICES	
428	TRSFER FR BUILDING OPERATING FD CHARGES FOR ALLOCATED SERVICES.	
430	TRANSFER FROM LIBRARY FUND CHARGES FOR ALLOCATED SERVICES (\$220,240) COMPUTER SERVICE TECHNICIAN MATRIXED TO THE LIBRARY (\$88,479)	
431	TRSFER FR GIS FUND IN FY 18-19, GIS FUND IS CONSOLATED INTO ISD FUND UNDER GIS SERVICES PROGRAM 0678. FY18-19 TRANSFER IS TO CLOSE OUT THE RESIDUAL FUND BALANCE FROM GIS FUND. \$61,238	
432	TRSFER FR PUBLIC WRKS ADMN FUND CHARGES FOR ALLOCATED SERVICES	
437	TRSFERS FRM INSURANCE FUND CHARGES FOR ALLOCATED SERVICES	
440	TRSFERS FR STREET LIGHTING FUND CHARGES FOR ALLOCATED SERVICES	
441	TRSFERS FR STORM DRAIN FUND CHARGES FOR ALLOCATED SERVICES	
442	TRANSFER FROM THE TLT FUND	
449	TSFR FR TRANS DEVL TAX/TIF FD CHARGES FOR ALLOCATED SERVICES	

BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
 PROGRAM: 0525 WEB SERVICES

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

CLASS: 05 PERSONNEL SERVICES

104	BUSINESS ANALYST PROGRAMMER							91,907	1.00	91,907	1.00
106	WEB MANAGER										
	96,619	1.00	98,400	1.00	100,187	1.00	100,110	102,709	1.00	102,709	1.00
189	WEB ANALYST										
	124,213	1.50	124,612	1.50	127,048	1.50	126,643	42,652	.50	42,652	.50
221	SUPPORT SPECIALIST 2										
	2,197										
299	PAYROLL TAXES AND FRINGES										
	96,386		101,626		107,774		106,033	118,822		118,822	

TOTAL CLASS: 05 PERSONNEL SERVICES

	319,415	2.50	324,638	2.50	335,009	2.50	332,786	356,090	2.50	356,090	2.50
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CLASS: 10 MATERIALS & SERVICES

307	MEMBERSHIP FEES							350		350	
321	TRAVEL, TRAINING & SUBSISTENCE										
	457				2,500		2,500	2,500		2,500	
341	COMMUNICATIONS EXPENSE										
	471		434		480		480	444		444	
511	PROFESSIONAL SERVICES										
	60,036		42,236		36,450		36,450	46,650		46,650	

TOTAL CLASS: 10 MATERIALS & SERVICES

	60,964		42,670		39,430		39,430	49,944		49,944	
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TOTAL PROGRAM: 0525 WEB SERVICES

	380,379	2.50	367,308	2.50	374,439	2.50	372,216	406,034	2.50	406,034	2.50
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BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
 PROGRAM: 0525 WEB SERVICES

OBJ	OBJECT DESCRIPTION	JUSTIFICATIONS
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104 BUSINESS ANALYST PROGRAMMER
 FY 18-19 REFLECTS 1 FTE WEB ANALYST RECLASSIFIED TO 1 FTE BUSINESS ANALYST PROGRAMMER.

106 WEB MANAGER
 POSITION FOR MANAGING DESIGN, DEVELOPMENT AND PROGRAMMING PROCESS FOR CITY WEB SITES, WEB APPLICATIONS AND ADMINISTRATION OF WEB SERVERS AND DATABASES

189 WEB ANALYST
 POSITION FOR DESIGNING, DEVELOPING AND PROGRAMMING WEB SITES AND WEB APPLICATIONS. FY 10-11 THROUGH FY 18-19 REFLECT LIMITED DURATION .5 FTE WEB ANALYST POSITION. FY 18-19 REFLECTS 1 FTE WEB ANALYST RECLASSIFIED TO 1 FTE BUSINESS ANALYST PROGRAMMER.

221 SUPPORT SPECIALIST 2
 .50 FTE SUPPORT SPECIALIST 2 POSITION TO POST AND COORDINATE ALL THE CITY'S SOCIAL MEDIA CONTENT SITES IN COORDINATION WITH THE WEB SITE MANAGEMENT TEAM.

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

307 MEMBERSHIP FEES
 2 - NATIONAL ASSOCIATION OF GOVERNMENT WEB PROFESSIONALS MEMBERSHIPS

321 TRAVEL, TRAINING & SUBSISTENCE
 PLURALSIGHT IT TRAINING ONSITE FOR THREE EMPLOYEES AND OTHER CLASSES (SHAREPOINT) \$2,500

341 COMMUNICATIONS EXPENSE
 CELL PHONE CHARGES FOR 1 STAFF DEDICATED TO WEB SERVICES AT \$37 PER MONTH \$444

511 PROFESSIONAL SERVICES
 AGREEMENTS AND CONTRACTS CODE PUBLISHING \$1,450
 WEBSITE HOSTING YEARLY SERVICE FEE FOR MAIN CITY WEBSITE \$10,500
 WEBSITE HOSTING YEARLY SERVICE FEE FOR POLICE SITE \$2,900
 WEBSITE HOSTING YEARLY SERVICE FEE FOR LIBRARY SITE \$2,500
 SITE IMPROVE YEARLY SERVICE FEE \$9,400
 ARCHIVE SOCIAL MEDIA DATA ARCHIVING SYSTEM \$5,400
 SHAREPOINT DEVELOPMENT CONSULTANCY \$8,000
 CMS UPGRADES AND NEW FEATURES \$1,500
 ACCESS2ONLINE COMPLIANCE AUDIT SERVICES \$5,000

BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
 PROGRAM: 0678 GIS SERVICES

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

CLASS: 05 PERSONNEL SERVICES

104	BUSINESS ANALYST PROGRAMMER							91,907	1.00	91,907	1.00
108	GIS MANAGER							116,322	1.00	116,322	1.00
145	GIS ANALYST							84,147	1.00	84,147	1.00
148	GIS SPECIALIST							139,118	2.00	139,118	2.00
299	PAYROLL TAXES AND FRINGES							220,515		220,515	

TOTAL CLASS: 05 PERSONNEL SERVICES

								652,009	5.00	652,009	5.00
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CLASS: 10 MATERIALS & SERVICES

318	COMPUTER SOFTWARE							33,060		33,060	
321	TRAVEL, TRAINING & SUBSISTENCE							6,060		6,060	
328	MEALS & RELATED EXPENSE							120		120	
330	MILEAGE REIMBURSEMENT							50		50	
341	COMMUNICATIONS EXPENSE							444		444	
342	DATA COMMUNICATION EXPENSE							480		480	
511	PROFESSIONAL SERVICES							13,000		13,000	

BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
 PROGRAM: 0678 GIS SERVICES

OBJ	OBJECT DESCRIPTION	JUSTIFICATIONS
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- 104 BUSINESS ANALYST PROGRAMMER
 FY 2018-19 REFLECTS MOVING THE GIS FUNCTION FROM A SEPARATE FUND (NO. 604) TO A DIVISION OF THE INFORMATION SYSTEMS FUND.
- 108 GIS MANAGER
 FY 2018-19 REFLECTS MOVING THE GIS FUNCTION FROM A SEPARATE FUND (NO. 604) TO A DIVISION OF THE INFORMATION SYSTEMS FUND
- 145 GIS ANALYST
 FY 2018-19 REFLECTS MOVING THE GIS FUNCTION FROM A SEPARATE FUND (NO. 604) TO A DIVISION OF THE INFORMATION SYSTEMS FUND
- 148 GIS SPECIALIST
 FY 2018-19 REFLECTS MOVING THE GIS FUNCTION FROM A SEPARATE FUND (NO. 604) TO A DIVISION OF THE INFORMATION SYSTEMS FUND
- 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

- 318 COMPUTER SOFTWARE
 FY 2018-19 REFLECTS MOVING THE GIS FUNCTION FORM A SEPARATE FUND (NO. 604) TO A DIVISION OF THE INFORMATION SYSTEMS FUND
 GEOCORTEX WEB DEVELOPMENT TOOLS - MAINTENANCE \$4,000
 ONYX GIS PRINT SERVER - MAINTENANCE \$500
 MISC. SOFTWARE PURCHASE \$3,000
 LIZARDTECH GEOEXPRESS (IMAGE COMPRESSION PURCHASE EVERY 3 YEARS) \$1,560
 GEOCORTEX ANALYTICS FOR USAGE STATISTICS \$10,000
 ENVI LIDAR FOR OVERHEAD LINES, IMPERVIOUS SURFACE, AND ROOFTOP \$14,000
- 321 TRAVEL, TRAINING & SUBSISTENCE
 ESRI INTL CONFERENCE - 1 STAFF - SAN DIEGO \$2,125
 CITYWORKS USER CONFERENCE - 1 STAFF - SALT LAKE \$1,555
 NW GIS CONFERENCE - 1 STAFF - SALEM \$1,180
 GIS IN ACTION CONFERENCE - 2 STAFF - PORTLAND \$600
 PLURAL SIGHT ONLINE TRAINING \$600
- 328 MEALS & RELATED EXPENSE
 MEALS FOR GIS BROWN BAG LUNCH AND LEARN X 10 \$120
- 330 MILEAGE REIMBURSEMENT
 MILEAGE RELATED TO MEETINGS OUTSIDE OF CITY HALL. \$50
- 341 COMMUNICATIONS EXPENSE
 CELL PHONE CHARGES FOR 1 STAFF AT \$37 PER MONTH \$444
- 342 DATA COMMUNICATION EXPENSE
 DATA PLAN FOR 1 COMMUNICATIONS DEVICE \$480
- 511 PROFESSIONAL SERVICES
 BUG ORTHO PHOTOS AND PICTOMETRY ANNUAL FEE \$10,000
 GIS CONSULTING AS NEEDED \$3,000

BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
 PROGRAM: 0678 GIS SERVICES

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - RECOMD		2019 ADOPTED		
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	
536	MAINTENANCE CONTRACTS								50,000		50,000	
TOTAL CLASS: 10 MATERIALS & SERVICES									103,214		103,214	
CLASS: 25 TRANSFERS												
816	TRSFERS TO REPROGRAPHICS FUND								2,773		2,773	
TOTAL CLASS: 25 TRANSFERS									2,773		2,773	
TOTAL PROGRAM: 0678 GIS SERVICES									757,996	5.00	757,996	5.00

BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
PROGRAM: 0678 GIS SERVICES

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

536 MAINTENANCE CONTRACTS
GIS ESRI \$50,000

816 TRSFERS TO REPROGRAPHICS FUND
ALLOCATION OF COPIER, GRAPHICS, PRINTING, MAILING, & POSTAGE CHARGES THROUGH REPROGRAPHICS \$2,773

BP WORKSHEET & JUSTIFICATION

FUND: 604 GEOGRAPHIC INFORMAT'N SYS FUND

DEPT: 03 REVENUE

PROGRAM: 0000 UNRESTRICTED

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

CLASS: 05 BEGINNING WORKING CAPITAL

301 BEGINNING WORKING CAPITAL

186,014 88,907 76,681 76,681 61,238 61,238

TOTAL CLASS: 05 BEGINNING WORKING CAPITAL

186,014 88,907 76,681 76,681 61,238 61,238

CLASS: 35 MISCELLANEOUS REVENUES

384 INVESTMENT INTEREST EARNINGS

1,325 1,397 1,400 1,400

389 MISCELLANEOUS REVENUES

55 55

399 REIMBURSEMENTS - OTHER

50

756 PERS RSRV DISTRIB-NON GAAP REV

8,185

757 MED/LIFE INS PREM REFUND DISTRIBUTION

298 530 845

TOTAL CLASS: 35 MISCELLANEOUS REVENUES

9,863 2,032 1,400 2,245

CLASS: 40 INTERFUND TRANSFERS/LOANS

411 TRSFERS FROM GENERAL FUND

282,028 344,741 290,299 290,299

412 TRSFERS FROM STREET FUND

49,770 60,837 15,189 15,189

419 TRSFERS FROM WATER FUND

82,949 101,395 165,166 165,166

421 TRSFERS FROM SEWER FUND

69,124 84,496 97,453 97,453

441 TRSFERS FR STORM DRAIN FUND

69,124 84,496 141,672 141,672

TOTAL CLASS: 40 INTERFUND TRANSFERS/LOANS

552,995 675,965 709,779 709,779

TOTAL PROGRAM: 0000 UNRESTRICTED

748,872 766,904 787,860 788,705 61,238 61,238

TOTAL DEPARTMENT: 03 REVENUE

748,872 766,904 787,860 788,705 61,238 61,238

BP WORKSHEET & JUSTIFICATION

FUND: 604 GEOGRAPHIC INFORMAT'N SYS FUND

DEPT: 03 REVENUE

PROGRAM: 0000 UNRESTRICTED

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

301 BEGINNING WORKING CAPITAL
IN FY 18-19, GIS FUND IS CONSOLATED INTO ISD FUND UNDER GIS SERVICES PROGRAM 0678.

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%

389 MISCELLANEOUS REVENUES
SALE OF GIS DATA AND MAPS.

399 REIMBURSEMENTS - OTHER

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

411 TRSFERS FROM GENERAL FUND
IN FY 18-19, GIS FUND IS CONSOLATED INTO ISD FUND UNDER GIS SERVICES PROGRAM 0678.

412 TRSFERS FROM STREET FUND

419 TRSFERS FROM WATER FUND

421 TRSFERS FROM SEWER FUND

441 TRSFERS FR STORM DRAIN FUND

BP WORKSHEET & JUSTIFICATION

FUND: 604 GEOGRAPHIC INFORMAT'N SYS FUND
 DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
 PROGRAM: 0678 GIS SERVICES

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

CLASS: 05 PERSONNEL SERVICES

104	BUSINESS ANALYST PROGRAMMER											
	80,288	1.00	86,104	1.00	89,673	1.00	89,627					
108	GIS MANAGER											
	97,120	1.00	108,747	1.00	113,495	1.00	113,486					
145	GIS ANALYST											
			73,273	1.00	78,164	1.00	78,180					
148	GIS SPECIALIST											
	195,845	3.00	134,599	2.00	137,031	2.00	135,720					
275	TEMPORARY EMPLOYEES											
	5,025		4,189									
299	PAYROLL TAXES AND FRINGES											
	163,285		184,921		206,819		195,454					

TOTAL CLASS: 05 PERSONNEL SERVICES

	541,563	5.00	591,833	5.00	625,182	5.00	612,467				
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CLASS: 10 MATERIALS & SERVICES

301	OFFICE EXPENSE											
	163											
318	COMPUTER SOFTWARE											
	4,345		3,700		7,500		4,000					
321	TRAVEL, TRAINING & SUBSISTENCE											
	9,381		4,731		6,000		6,000					
328	MEALS & RELATED EXPENSE											
	148		94		100		100					
330	MILEAGE REIMBURSEMENT											
					50							
341	COMMUNICATIONS EXPENSE											
	471		434		480		480					
342	DATA COMMUNICATION EXPENSE											
			480		480		480					
511	PROFESSIONAL SERVICES											
	16,140		8,239		13,000		9,442					

TOTAL CLASS: 10 MATERIALS & SERVICES

	30,648		17,678		27,610		20,502				
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CLASS: 25 TRANSFERS

816	TRSFERS TO REPROGRAPHICS FUND											
	1,978		1,522		1,651		1,651					
818	TRSFERS TO ISD-ALLOCATED											
	85,776		79,189		92,847		92,847	61,238		61,238		

0736

BP WORKSHEET & JUSTIFICATION

FUND: 604 GEOGRAPHIC INFORMAT'N SYS FUND
 DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
 PROGRAM: 0678 GIS SERVICES

OBJ	OBJECT DESCRIPTION	JUSTIFICATIONS
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- 104 BUSINESS ANALYST PROGRAMMER
 IN FY 18-19, GIS FUND IS CONSOLATED INTO ISD FUND UNDER GIS SERVICES PROGRAM 0678.
- 108 GIS MANAGER
 IN FY 18-19, GIS FUND IS CONSOLATED INTO ISD FUND UNDER GIS SERVICES PROGRAM 0678.
- 145 GIS ANALYST
 IN FY 18-19, GIS FUND IS CONSOLATED INTO ISD FUND UNDER GIS SERVICES PROGRAM 0678.
- 148 GIS SPECIALIST
 IN FY 18-19, GIS FUND IS CONSOLATED INTO ISD FUND UNDER GIS SERVICES PROGRAM 0678.
- 275 TEMPORARY EMPLOYEES
 IN FY 18-19, GIS FUND IS CONSOLATED INTO ISD FUND UNDER GIS SERVICES PROGRAM 0678.
- 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

- 301 OFFICE EXPENSE
 CONSOLIDATED INTO ISD OPERATIONS PROGRAM 0712
- 318 COMPUTER SOFTWARE
- 321 TRAVEL, TRAINING & SUBSISTENCE
- 328 MEALS & RELATED EXPENSE
- 330 MILEAGE REIMBURSEMENT
- 341 COMMUNICATIONS EXPENSE
- 342 DATA COMMUNICATION EXPENSE
- 511 PROFESSIONAL SERVICES

- 816 TRSFERS TO REPROGRAPHICS FUND
- 818 TRSFERS TO ISD-ALLOCATED
 TRANSFER OF RESIDUAL FUND BALANCE TO ISD FUND. \$61,238

0737

BP WORKSHEET & JUSTIFICATION

FUND: 604 GEOGRAPHIC INFORMAT'N SYS FUND
 DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
 PROGRAM: 0678 GIS SERVICES

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

TOTAL CLASS: 25 TRANSFERS

	87,754		80,711		94,498		94,498	61,238		61,238	
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CLASS: 30 FUND BAL/CONTINGENCY/RESERVES

991 CONTINGENCY - UNRESERVED

20,570

996 RESERVE - EQUIPMENT REPLACEMT

20,000

TOTAL CLASS: 30 FUND BAL/CONTINGENCY/RESERVES

					40,570						
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TOTAL PROGRAM: 0678 GIS SERVICES

	659,965	5.00	690,222	5.00	787,860	5.00	727,467	61,238		61,238	
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TOTAL DEPARTMENT: 30 INFORMATION SYSTEMS DEPARTMENT

	659,965	5.00	690,222	5.00	787,860	5.00	727,467	61,238		61,238	
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TOTAL FUND: 604 GEOGRAPHIC INFORMAT'N SYS FUND

	659,965	5.00	690,222	5.00	787,860	5.00	727,467	61,238		61,238	
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BP WORKSHEET & JUSTIFICATION

FUND: 604 GEOGRAPHIC INFORMAT'N SYS FUND
DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
PROGRAM: 0678 GIS SERVICES

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS



991 CONTINGENCY - UNRESERVED

996 RESERVE - EQUIPMENT REPLACEM
 RESERVE FOR LIDAR AERIAL FLIGHT EVERY FIVE YEARS



BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
 PROGRAM: 0711 ISD SYSTEMS & PROGRAMMING

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

CLASS: 05 PERSONNEL SERVICES

043	SR BUSINESS ANALYST PROGRAMMER											
	123,540	2.00										
082	INFORMATION SYSTEMS MANAGER											
	182,634	1.00	117,674	1.00	121,132	1.00	119,517	122,563	1.00	122,563	1.00	
102	SUPVR COMMUNICATIONS ANALYST											
	86,880	1.00	92,927	1.00	99,592	1.00	99,612	106,304	1.00	106,304	1.00	
104	BUSINESS ANALYST PROGRAMMER											
	366,614	5.00	474,047	6.00	506,567	6.00	506,787	531,104	6.00	531,104	6.00	
275	TEMPORARY EMPLOYEES											
	35,927		330									
283	APPLICATIONS DEVELOPMENT MANAGER											
			108,886	1.00	111,351	1.00	111,346	114,128	1.00	114,128	1.00	
299	PAYROLL TAXES AND FRINGES											
	290,339		335,475		377,509		382,203	437,683		437,683		

TOTAL CLASS: 05 PERSONNEL SERVICES

	1,085,934	9.00	1,129,339	9.00	1,216,151	9.00	1,219,465	1,311,782	9.00	1,311,782	9.00	
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CLASS: 10 MATERIALS & SERVICES

321	TRAVEL, TRAINING & SUBSISTENCE											
	11,829		9,590		12,000		11,500	20,200		20,200		
328	MEALS & RELATED EXPENSE											
	18		30		200		200	220		220		
511	PROFESSIONAL SERVICES											
	14,050		2,513		74,200		64,200	21,700		21,700		

TOTAL CLASS: 10 MATERIALS & SERVICES

	25,897		12,133		86,400		75,900	42,120		42,120		
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TOTAL PROGRAM: 0711 ISD SYSTEMS & PROGRAMMING

	1,111,831	9.00	1,141,472	9.00	1,302,551	9.00	1,295,365	1,353,902	9.00	1,353,902	9.00	
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0740

BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
 PROGRAM: 0711 ISD SYSTEMS & PROGRAMMING

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

043	SR BUSINESS ANALYST PROGRAMMER FY 16-17 REFLECTS 1 FTE SR. BUSINESS ANALYST PROGRAMMER BEING RECLASSIFIED TO 1 FTE BUSINESS ANALYST PROGRAMMER AND 1 FTE BEING RECLASSIFIED TO APPLICATIONS DEVELOPMENT MANAGER.
082	INFORMATION SYSTEMS MANAGER
102	SUPVR COMMUNICATIONS ANALYST
104	BUSINESS ANALYST PROGRAMMER FY 16-17 REFLECTS 1 FTE SR. BUSINESS ANALYST PROGRAMMER BEING RECLASSIFIED TO 1 FTE BUSINESS ANALYST PROGRAMMER. FY 16-17 ALSO REFLECTS DECREASE DUE TO POSITION VACANCY.
275	TEMPORARY EMPLOYEES
283	APPLICATIONS DEVELOPMENT MANAGER FY 16-17 REFLECTS RECLASSIFICATION OF SR. BUSINESS ANALYST PROGRAMMER TO APPLICATIONS DEVELOPMENT MANAGER.
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
321	TRAVEL, TRAINING & SUBSISTENCE CONFERENCE HR/PAYROLL \$2,500 CONFERENCE REGJIN (PORTLAND POLICE SYSTEM) \$4,000 CONFERENCE JUSTWARE (COURT) \$2,500 ONLINE TRAINING SQL, VB.NET, ETC \$3,000 SCRUM ALLIANCE SCRUM PRODUCT OWNER (X2) \$2,400 SCRUM ALLIANCE SCRUM DEVELOPER (X2) \$3,200 SCRUM ALLIANCE SCRUM MASTER (X2) \$2,600
328	MEALS & RELATED EXPENSE MEALS ASSOCIATED WITH LOCAL MEETINGS AND SEMINARS \$220
511	PROFESSIONAL SERVICES ISD MANAGEMENT AND PROGRAMMING SERVICES: PROGRAMMING SUPPORT ON SQL/VB.NET SYSTEMS \$9,500 MICROSOFT CALL SUPPORT \$1,200 SUPPORT SQL2008/10/12/16 \$5,500 SHAREPOINT \$5,000 MOBILE DEVELOPMENT SUPPORT \$500

BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
 PROGRAM: 0712 ISD SYSTEM OPERATIONS

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

CLASS: 05 PERSONNEL SERVICES

205	COMMUNICATIONS ANALYST										
	56,097	1.00									
221	SUPPORT SPECIALIST 2										
					53,506	1.00	53,503	54,839	1.00	54,839	1.00
243	COMPUTER SERVICE TECHNICIAN										
	183,355	4.00	164,319	3.00	188,872	3.00	186,947	201,515	3.00	201,515	3.00
249	COMPUTER SYSTEMS ADMINISTRATOR										
	71,201	1.00									
275	TEMPORARY EMPLOYEES										
	1,021		8,347								
287	INFORMATION SERVICES SPECIALIST										
			170,750	3.00	235,883	3.00	238,835	251,944	3.00	251,944	3.00
299	PAYROLL TAXES AND FRINGES										
	112,399		135,928		243,225		200,009	234,723		234,723	

TOTAL CLASS: 05 PERSONNEL SERVICES

	424,073	6.00	479,344	6.00	721,486	7.00	679,294	743,021	7.00	743,021	7.00
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CLASS: 10 MATERIALS & SERVICES

301	OFFICE EXPENSE										
	396		509		2,300		1,800	2,500		2,500	
304	DEPARTMENT EQUIPMENT EXPENSE										
	834		500		500		493	500		500	
305	SPECIAL DEPARTMENT SUPPLIES										
	36,048		40,364		40,000		40,000	40,000		40,000	
308	PERIODICALS & SUBSCRIPTIONS										
			212		550		550	600		600	
321	TRAVEL, TRAINING & SUBSISTENCE										
	5,618		6,333		6,400		6,000	6,400		6,400	
328	MEALS & RELATED EXPENSE										
	200		200		200		200	220		220	
330	MILEAGE REIMBURSEMENT										
					50			50		50	

BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
 PROGRAM: 0712 ISD SYSTEM OPERATIONS

OBJ	OBJECT DESCRIPTION	JUSTIFICATIONS
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- 205 COMMUNICATIONS ANALYST
 FY 16-17 REFLECTS LATERAL RECLASSIFICATION OF THE COMMUNICATIONS ANALYST POSITION TO INFORMATION SERVICES SPECIALIST.
 - 221 SUPPORT SPECIALIST 2
 FY 17-18 REFLECTS A SUPPORT SPECIALIST 2 POSITION TRANSFERRING FROM THE MAYOR'S OFFICE PROGRAM 0537 TO ISD
 - 243 COMPUTER SERVICE TECHNICIAN
 ONE POSITION MATRIXED TO THE LIBRARY.
 FY 16-17 REFLECTS RECLASSIFICATION OF 1 FTE COMPUTER SERVICE TECH POSITION TO 1 FTE INFORMATION SERVICES SPECIALIST.
 FY 16-17 ALSO REFLECTS DECREASE DUE TO POSITION VACANCY.
 - 249 COMPUTER SYSTEMS ADMINISTRATOR
 FY 16-17 REFLECTS LATERAL RECLASSIFICATION OF THE COMPUTER SYSTEMS ADMINISTRATOR POSITION TO INFORMATION SERVICES SPECIALIST.
 - 275 TEMPORARY EMPLOYEES
 EXTRA HELP INTERN PROGRAM
 - 287 INFORMATION SERVICES SPECIALIST
 FY 16-17 REFLECTS RECLASSIFICATION OF 1 FTE COMPUTER SERVICE TECH POSITION, 1 FTE COMMUNICATIONS ANALYST POSITION AND 1 FTE COMPUTER SERVICE TECH POSITION.
 FY 16-17 ALSO REFLECTS DECREASE DUE TO POSITION VACANCY.
 - 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
-
- 301 OFFICE EXPENSE
 OFFICE SUPPLIES FOR THE DEPARTMENT (CONSOLIDATED ACCOUNTS) \$1,000
 STANDING DESKS FOR EMPLOYEES WITH BACK ISSUES X3 \$1,500
 - 304 DEPARTMENT EQUIPMENT EXPENSE
 TECHNICIAN TOOLS AS REQUIRED \$500
 - 305 SPECIAL DEPARTMENT SUPPLIES
 COMPUTER PAPER, RIBBONS, LABELS, TONERS, CABLING SUPPLIES, ETC \$40,000
 - 308 PERIODICALS & SUBSCRIPTIONS
 TECHNICAL MANUALS AND TEXTS - CONSOLIDATED FOR ALL ISD PROGRAMS \$300
 WEB TEAM NAGW SUBSCRIPTION (GOVERNMENT WEB PROFESSIONALS) (2 X \$150) \$300
 - 321 TRAVEL, TRAINING & SUBSISTENCE
 TECHNICAL COURSES COMMUNICATIONS AND SYSTEM SOFTWARE \$6,400
 - 328 MEALS & RELATED EXPENSE
 MEALS ASSOCIATED WITH LOCAL MEETINGS AND SEMINARS \$220
 - 330 MILEAGE REIMBURSEMENT
 MILEAGE REIMBURSEMENT FOR EMPLOYEE USE OF PERSONAL VEHICLE \$50

0743

BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
 PROGRAM: 0712 ISD SYSTEM OPERATIONS

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

341	COMMUNICATIONS EXPENSE											
		321,612		187,957		328,810		328,810		284,923		284,923

342	DATA COMMUNICATION EXPENSE										
			812		480		480		480		480

371	EQUIPMENT OPER & MAINT EXPENSE											
		19,051		19,210		20,000		20,000		20,000		20,000

511	PROFESSIONAL SERVICES											
		11,462		15,720		23,050		21,000		80,500		80,500

536	MAINTENANCE CONTRACTS										
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BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
 PROGRAM: 0712 ISD SYSTEM OPERATIONS

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

341	COMMUNICATIONS EXPENSE CONTINUING GENERAL COMMUNICATIONS COSTS THAT SUPPORT ALL CITY FUNCTIONS PUBLIC COMMUNICATIONS CABLE ACCESS \$30,000 INTERNET SERVICED PROVIDER CONNECTION THROUGH HILLSBORO \$20,000 CELLULAR PHONE AIR TIME FOR 10 ISD PHONES @ \$528 PER MONTH \$6,336 MACC ANNUAL TCI CHARGES \$600 DESKTOP FAX SERVICES \$250 VOICE OVER INTERNET PROTOCOL \$13,500 MISCELLANEOUS CONNECTIONS \$4,200 COMMUNITY CENTER/CITY HALL COMCAST INTERNET AND TV \$3,600 WEB CERTIFICATES \$2,500 MOBILE DEVICE MANAGEMENT \$3,500 NETMOTION SOFTWARE (150 DEVICES) (3 YEAR DUE FY17-18) AND DIAGNOSTICS (1 YEAR) \$5,000 JUNIPER EXTERNAL VITRUAL PRIVATE NETWORK \$400 ARUBA WIRELESS NETWORK \$2,000 CONTINUING COMMUNICATIONS EXPENSE IN SUPPORT OF THE POLICE DEPARTMENT REGJIN SERVER CONNECTION TO POLICE \$5,000 REGIONAL JUSTICE INFORMATION SYSTEM TO POLICE (REGJIN) \$131,000 NEIGHBORHOOD RESOURCE CENTERS (CANYON/STERLING/EOC/CITY HALL INTERNET/TV/MEDIATION) \$2,600 CJIS TWO FACTOR AUTHENTICATION (241 DEVICES) \$3,500 CONTINUING GENERAL COMMUNICATIONS COSTS ON A THREE YEAR RENEWAL CYCLE MAINTENANCE FOR CISCO PHONE SYSTEM (3 YEAR LICENSE DUE IN FY 17-18) NEW COMMUNICATION EXPENSE (FY 18-19) VOIP MONTHLY BILLING (\$8489.50 X 6) \$50,937
342	DATA COMMUNICATION EXPENSE DATA PLAN FOR 1 COMMUNICATIONS DEVICE \$480
371	EQUIPMENT OPER & MAINT EXPENSE COMPUTER EQUIPMENT PARTS AND COMPONENTS TO REPAIR AND REPLACE EXISTING COMPUTER HARDWARE AND OTHER RELATED COMPONENTS, EXTERNAL REPAIRS AND HARD RECOVERY. MINOR EQUIPMENT REPLACEMENT. \$20,000
511	PROFESSIONAL SERVICES CABLING FOR NEW INSTALLATIONS \$5,000 RADIO/TELEPHONE/NETWORK/SANS AND COMMUNICATIONS CONSULTANT \$10,000 SECURITY/SPAM AND VIRUS CONSULTANT \$7,500 OFFICE 365 CONSULTANT \$50,000 KNOWBE4 SECURITY AWARENESS TRAINING FOR CITY STAFF \$8,000
536	MAINTENANCE CONTRACTS

BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
 PROGRAM: 0712 ISD SYSTEM OPERATIONS

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE
	333,722		340,452		554,290		520,000	663,280		663,280	

TOTAL CLASS: 10 MATERIALS & SERVICES

	728,943		612,269		976,630		939,333	1,099,453		1,099,453	
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BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
PROGRAM: 0712 ISD SYSTEM OPERATIONS

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

CONTINUING MAINTENANCE AGREEMENTS ON SYSTEM HARDWARE AND SOFTWARE AND DATA CONTRACTS;
FINANCE SOFTWARE:

HEWLETT PACKARD (HP): SOFTWARE AND HARDWARE \$5,000
UB SPRINGBROOK \$45,000
HIGHLINE TRAINING AND CONSULTATION \$5,000
HIGHLINE HR AND PAYROLL \$50,000

HUMAN RESOURCES SOFTWARE

GOVERNMENTJOBS NEOGOV JOB RECRUITMENT SOFTWARE MAINTENANCE \$13,000

RECORDS MANAGEMENT SOFTWARE:

SYMANTEC VAULT (EMAIL ARCHIVE) \$15,200
HPTRIM \$62,000
SMARSH TEXT MESSAGING ARCHIVE SOFTWARE MAINTENANCE \$25,000

PUBLIC WORKS SOFTWARE:

WONDERWARE TELEMETRY \$8,000
CITYWORKS WORK ORDER AND ASSET MGMT \$60,000
CUES PIPE VIDEO INSPECTION \$6,000
ENGINEERING TRANSOFT \$500
ENGSOFT BACKFLOW \$1,200
RTA FLEET SOFTWARE \$8,000

POLICE DEPARTMENT SOFTWARE:

BPD WEBLEDS \$4,000
BPD TELESTAFF \$5,000
BPD T-TICKET (DISCONTINUED)
BPD RAPIDS PAWN \$2,500
BPD PORTLAND IBIS FINGERPRINTING AND MORPHO TRUST \$3,000
BPD CELLEBRITE/ACCESSMOBILE/KATANAVARIOUS FORENSICS/TRANSUNION/ELCOM \$14,000
BPD IA \$2,000
BPD 911 WATCH \$1,200

ISD GENERAL LICENSING:

VERITAS BACKUP \$2,600
FIREWALL \$35,000
CITRIX REMOTE \$6,500
VIRTUAL SERVER HARDWARE (NETAPP) \$21,300
VMWARE FOR VIRTUAL SERVERS \$8,000
MAIL EXCHANGE REPORT \$600
MCAFEE SECURE WEB \$2,500
NEXUS SMARTNET \$13,000
JUNIPER EXTERNAL WEB CONNECTIONS \$500
MISCELLANEOUS MAINTENANCE COSTS \$6,000
MCAFEE VIRUS CLIENT PROTECTION \$8,000
PROOFPOINT URL MAINTENANCE \$13,500
SHADOW PROTECT MAINTENANCE \$900
ISD FLUKE NETWORK ANALYZER MAINTENANCE \$4,600
ISD EXCHANGE 2016 LOAD BALANCER MAINTENANCE \$1,000

MAYORS PROGRAMS SOFTWARE:

EXTENSIS PHOTO MANAGEMENT MAINTENANCE \$5,000
CONTINUING SOFTWARE MAINTENANCE COST ON A THREE YEAR RENEWAL CYCLE DUE FY 2017-18
PROOFPOINT SPAM, VIRUS CHECKER, URL, MOBILE APPS, EMAIL ENCRYPTION (YEARLY) \$80,000
IPRISM EDGEWAVE WEB MONITORING (DISCONTINUED)

NEW MAINTENANCE CONTRACTS FOR FY 2018-19:

ADOBE CREATIVE CLOUD ANNUAL LICENSES (\$830 PER USER) (X 14) \$11,620
PUBLIC WORKS MARSHALL GIS STREET SWEEPER SYSTEM \$2,010
PUBLIC WORKS VIRTUAL PROJECT MANAGER SYSTEM \$12,000
CDD ZOOM GRANTS MAINTENANCE \$6,500
MAYORS RECYCLING SALESFORCE SUBSCRIPTION RENEWAL \$4,050
SPRINGBROOK SQL SUPPORT \$2,500
SPRINGBROOK (ACCELA) UPGRADE IMPLEMENTATION \$40,000
VERSATERM IMPLEMENTATION FOR BPD \$40,000

BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
 PROGRAM: 0712 ISD SYSTEM OPERATIONS

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

CLASS: 15 CAPITAL OUTLAY

671	EQUIPMENT	82,619	249,045	235,243	235,218	230,077	230,077
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TOTAL CLASS: 15 CAPITAL OUTLAY

82,619	249,045	235,243	235,218	230,077	230,077
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CLASS: 25 TRANSFERS

816	TRSFERS TO REPROGRAPHICS FUND	3,173	1,908	1,651	1,651	1,663	1,663
819	TRSFERS TO INSURANCE FUND	4,432	5,761	6,625	6,625	6,625	6,625

TOTAL CLASS: 25 TRANSFERS

7,605	7,669	8,276	8,276	8,288	8,288
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CLASS: 30 FUND BAL/CONTINGENCY/RESERVES

991	CONTINGENCY - UNRESERVED			218,574		72,203	72,203
996	RESERVE - EQUIPMENT REPLACEMT			80,000		80,000	80,000

TOTAL CLASS: 30 FUND BAL/CONTINGENCY/RESERVES

			298,574		152,203	152,203
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TOTAL PROGRAM: 0712 ISD SYSTEM OPERATIONS

1,243,240	6.00	1,348,327	6.00	2,240,209	7.00	1,862,121	2,233,042	7.00	2,233,042	7.00
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BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
PROGRAM: 0712 ISD SYSTEM OPERATIONS

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

671 EQUIPMENT

FY 2017-18 ESTIMATED REFLECT ADDITIONAL FUNDING FROM MACC 2018 SPRING GRANTS FOR:
GIS PORTAL REPLACEMENT \$47,861
UPGRADING THE LIBRARY BUILDING'S PUBLIC ACCESS SWITCHES \$22,357
FY2018-19 BUDGET:
GENERAL SWITCH, COMMUNICATIONS AND SERVER REPLACEMENT \$40,000
VOIP PHONE SYSTEM REPLACEMENT \$120,000
MACC GRANT FUNDED PROJECT FROM THE 2018 SPRING GRANT ALLOCATION:
UPGRADE WIRELESS NETWORK AT THE GRIFFITH PARK BUILDING \$70,077

816 TRSFRS TO REPROGRAPHICS FUND

ALLOCATION OF COPIER, GRAPHICS, PRINTING, MAILING, & POSTAGE CHARGES THROUGH REPROGRAPHICS

819 TRSFRS TO INSURANCE FUND

ALLOCATION OF CHARGES FOR GENERAL LIABILITY AND PROPERTY INSURANCE.

991 CONTINGENCY - UNRESERVED

996 RESERVE - EQUIPMENT REPLACEMT

CONTINGENCY DEDICATED FOR FUTURE SYSTEM EQUIPMENT REPLACEMENT

BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
 PROGRAM: 0713 ISD NEW PROJECTS

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

CLASS: 10 MATERIALS & SERVICES

317	COMPUTER EQUIPMENT										
		132,010	136,967	129,900	129,900	165,850	165,850				

318	COMPUTER SOFTWARE										
		217,027	274,634	282,511	262,000	246,000	246,000				

TOTAL CLASS: 10 MATERIALS & SERVICES

		349,037	411,601	412,411	391,900	411,850	411,850				
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CLASS: 15 CAPITAL OUTLAY

671	EQUIPMENT										
		9,140		10,000	10,000	10,000	10,000				

TOTAL CLASS: 15 CAPITAL OUTLAY

		9,140		10,000	10,000	10,000	10,000				
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TOTAL PROGRAM: 0713 ISD NEW PROJECTS

		358,177	411,601	422,411	401,900	421,850	421,850				
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TOTAL DEPARTMENT: 30 INFORMATION SYSTEMS DEPARTMENT

		3,093,627	17.50	3,268,708	17.50	4,339,610	18.50	3,931,602	5,172,824	23.50	5,172,824	23.50
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TOTAL FUND: 603 INFORMATION SYSTEMS FUND

		3,093,627	17.50	3,268,708	17.50	4,339,610	18.50	3,931,602	5,172,824	23.50	5,172,824	23.50
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BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
PROGRAM: 0713 ISD NEW PROJECTS

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

317 COMPUTER EQUIPMENT

FOR FY 2018-19 PURCHASES UNDER \$5,000:
REPLACEMENT OF 80 PC'S REPLACED DURING THE YEAR (WINDOWS 7/8/10) \$59,200
REPLACEMENT OF NETWORK PRINTERS AS THEY FAIL OR EXCEED USEFUL LIFE \$4,500
REPLACEMENT OF UNINTERRUPTED POWER SUPPLY (80 @ \$80 EA) \$6,400
REPLACEMENT OF "22" MONITORS (50 @ \$115 EA) AND DUAL MONITOR PROGRAM \$5,750
REPLACEMENT OF LAPTOPS (35 @ \$1300 EA) \$45,500
REPLACEMENT OF 10 VOIP PHONES \$4,000
REPLACEMENT OF NON-STANDARD SIZE MONITORS (5 @ \$500 EA) \$2,500
FUNDING AVAILABLE FOR MISCELLANEOUS EQUIPMENT REPLACEMENTS OR NEW EQUIPMENT \$10,000
PAPER CUT HARDWARE FOR ISD PRINTERS \$28,000

318 COMPUTER SOFTWARE

UPGRADES FOR ENGINEERING SOFTWARE SUCH AS AUTOCAD (1 YEAR 2018) \$11,000
FUNDING FOR MISCELLANEOUS SOFTWARE PURCHASES SUCH AS MS PROJECT, PUBLISHING SW \$10,000
FUNDING FOR THE ANNUAL MICROSOFT LICENSES FOR CLIENT \$195,000
SOFTWARE SUPPORT FOR POLICE SYSTEMS \$20,000
NEW SOFTWARE FOR FY 2018-19:
HIGHLINE HR/PAYROLL NEXTGEN UPGRADE \$10,000

671 EQUIPMENT

FUNDING AVAILABLE FOR MISCELLANEOUS EQUIPMENT REPLACEMENTS OR FOR NEW EQUIPMENT \$10,000