

# CAPITAL IMPROVEMENT PLAN AND 2019 CAPITAL BUDGET 2019-2023 CIP REPORT

May 2, 2018

### **Capital Improvement Plan**



- This CIP should be considered a planning document and current fiscal year capital budget – the CIP is an evolving plan that requires continual review and modification during the course of each year.
- The amounts indicated in 2019 are the FY19 capital budget.
- The following table details the planned expenditures for the Fiscal Years 2019-2023 CIP. Expenditures are focused on replacement, installation and/or abandonment of existing water mains, replacement of inoperable fire hydrants, rehabilitation of sewer systems, management of storm water with green infrastructure, upgrades to information technology systems, replacing aging equipment and vehicles, as well as rehabilitation of facilities that support the operation of the utility.

## Summary of CIP Financial Plan and 2019 Capital Budget



The FY 2019 – FY 2023 capital improvement plan provides for \$258 million of water system improvements and \$241 million of sewer system improvements over the five year planning cycle. FY19 Capital Budget of \$156,112,260

		Paid through							Total 5-Year
Category Summary		6/30/2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	2019-2023
Water Main	25%	36,748	83,798	38,357	33,046	22,747	14,500	14,500	123,150
Sewer Line Replacement	23%	18,900	10,225	25,672	43,989	23,277	10,500	10,500	113,938
CIPMO	8%	-	15,678	14,468	13,391	8,280	5,589.82	-	41,729
Green Infrastructure	12%	14,034	12,225	14,820	20,125	11,429	8,925	7,000	62,299
Central Services	16%	-	10,750	32,812	14,000	11,000	11,000	11,000	79,812
Meters/ Fire Hydrants	6%	-	6,000	7,283	6,000	6,000	6,000	6,000	31,283
0&M - 1&E	<u>10%</u>	797	-	22,700	16,189	8,900	-	-	47,789
Total 2019 CIP	100%	\$ 70,479 \$	\$ 138,675	\$ 156,112	\$ 146,740	\$ 91,633	\$ 56,515	\$ 49,000	\$ 500,000
WATER	52%	37,545	78,575	90,645	67,596	45,952	28,795	26,000	258,987
SEWER	48%	32,934	60,100	65,467	79,144	45,681	27,720	23,000	241,013
		70,479	138,675	156,112	146,740	91,633	56,515	49,000	500,000

### **Changes since Draft**



- Upon approval, FY2019 amounts will be DWSD's Capital budget and then submitted to the City
- Added: 5-Year CIP Cash Flow Projections
- Update WS-705 Increase \$9.1 to \$12.7 adding lead service lines
- Update DWS-903 move \$14M from 2018 not spent
- Added City Planning & Development Framework allowance of \$21M
- Update to Facilities -\$5M w/DBA & \$55k furniture

#### 5-Year CIP Cash Flow 2019-2023

DETROIT Water & Sewerage Department 

			<u>FY20</u>	<u>18</u>	<u>201</u>	<u>19</u>	202	<u>0</u>	202	1	<u>202</u>	2
			Water	Sewer	Water	Sewer	Water	Sewer	Water	Sewer	Water	Sewe
CIP Cash	on Deposit at 6/30/17											
	Bond		\$ 45,448	\$ 834	\$ 34,433		\$ 18,638	\$ 31,942		\$ 3,945		
	I&E		36,426	12,446	35,896	3,557	40,528	23,647	\$ 14,070		15,618	
	Total Cash on Deposit	_	81,873	13,281	70,329	3,557	59,166	55,589	14,070	3,945	15,618	
SOURCES	OF CIP FUNDING											
	GLWA Lease		22,500	27,500	22,500	27,500	22,500	27,500	22,500	27,500	22,500	2
	Bond (Loan) Proceeds	(a)	17,283	-	55,982	75,000		-	25,000	16,000		
	Other & Grants	(b)/(d)	-	336	1,000	15,000	-	-	_	-	-	
			39,783	27,836	79,482	117,500	22,500	27,500	47,500	43,500	22,500	2
			,	,	-, -	,	,	,	,	- /	,	
		_										
TOTAL SO	OURCES AVAILABLE		121,656	41,117	149,810	121,057	81,666	83,089	61,570	47,445	38,118	2!
CIP USES	(c)											
	Construction											
	Water Main/Sewer Line		35,896	22,650	38,357	25,672	33,046	43,989	22,747	23,277	14,500	1
	Green Infrastructure		-	4,595	-	14,820	-	20,125		11,429		1
	Meters/Fire Hydrants				7,283		6,000	-	6,000	-	6,000	
	CIPMO		4,000	4,000	7,234	7,234	6,695	6,695	4,140	4,140	2,795	
	O&M Repair/Maint				21,365	1,335	14,854	1,335	7,565	1,335		
	Fleet/Equip		6,738	1,876	2,237	2,237	2,000	2,000	2,000	2,000	2,000	
	Facilities		3,075	3,510	8,011	8,011	3,500	3,500	2,000	2,000	2,000	
	IT/other Total Uses	_	1,619 <b>51,328</b>	929 <b>37,560</b>	6,158 <b>90,645</b>	6,158 <b>65,467</b>	1,500 <b>67,596</b>	1,500 <b>79,144</b>	1,500 <b>45,952</b>	1,500 <b>45,681</b>	1,500 <b>28,795</b>	2
	I Utal USES		51,528	57,500	90,045	05,407	07,590	79,144	40,952	45,081	20,795	2
	CASH AVAILABLE at 6/30/1	8	\$ 70,329	\$ 3,557	\$ 59,166	\$ 55,589	\$ 14,070	\$ 3,945	15,618	1,764	9,323	:
	Bond/SRF Eligible		37,096	18,877	40,528	23,647	35,055	38,019	23,989	20,414	15,338	



### **CIP FY 2019 – Water System Summary**

Water & Sewerage Department

#### Total estimated cost in millions

Category	FY 2018 - Current Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	2019-2023 CIP Total
Water				·			
Water Field Services	\$ 59,362	\$ 59,722	\$ 47,900	\$ 30,312	\$ 14,500	\$ 14,500	\$ 166,934
Metering	6,000	7,283	6,000	6,000	6,000	6,000	\$ 31,283
General Purpose	7,839	7,234	6,695	4,140	2,795	-	\$ 20,864
Water Total	73,200	74,239	60,596	40,452	23,295	20,500	219,081
Water Central Services							
Fleet	2,000	2,237	2,000	2,000	2,000	2,000	\$ 10,237
Facilities	2,500	8,011	3,500	2,000	2,000	2,000	\$ 17,511
Information Technology	875	6,158	1,500	1,500	1,500	1,500	\$ 12,158
Water Central Services Total	5,375	16,406	7,000	5,500	5,500	5,500	39,906
Grand Total	78,575	90,645	67,596	45,952	28,795	26,000	258,987



# CIP FY 2019 – Sewer System Summary

Water & Sewerage Department

#### Total estimated cost in Millions

Category	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	2019-2023 CIP Total
Sewer							
Field Services	\$ 34,661	\$ 27,007	\$ 45,324	\$ 24,612	\$ 10,500	\$ 10,500	\$ 117,943
Green Infrastructure	12,225	14,820	20,125	11,429	8,925	7,000	\$ 62,299
Pump Stations	-	-	-	-	-	-	\$-
General Purpose	7,839	7,234	6,695	4,140	2,795	-	\$ 20,864
Sewer Total	54,725	49,061	72,144	40,181	22,220	17,500	201,106
Sewer Central Services							
Fleet	2,000	2,237	2,000	2,000	2,000	2,000	\$ 10,237
Facilities	2,500	8,011	3,500	2,000	2,000	2,000	\$ 17,511
Information Technology	875	6,158	1,500	1,500	1,500	1,500	\$ 12,158
Sewer Central Services Total	5,375	16,406	7,000	5,500	5,500	5,500	39,906
Grand Total	60,100	65,467	79,144	45,681	27,720	23,000	241,013

### Water Project List



Total e	estimated cost (1000's)		Water Pro	ject List 2019-:	2023 CIP								
CIP No.	Description	Status	Source of Funds	Total Estimated Cost	Paid thru 6/30/17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2019-2023 CIP Total	Percent of CIP
463	WS-685 Water Main Replacement	С	Bond	6,161	6,161	-	-	-	-	-	-	-	
463	WS-686 Water Main Replacement	С	Bond	7,898	7,898	-	-	-	-	-	-	-	
	WS-691 Joy Road Water Main Replacement												
463	Phase 1	с	Bond	14,863	14,863	-	-	-	-	-	-	-	
463	WS-693A Joy Road Water Main Replacement Phase 2 (17,500LF)	А	Loan (DWRF)	9,480	2,788	4,800	1,892	-	-	-	-	1,892	0.7%
463	WS-697 Water Main Replacement -Westside (19,000LF)	А	Loan (DWRF)	4,585	2,828	1,747	10	-	-	_	-	10	0.0%
463	WS-698 Water Main Replacement -Westside (26,750LF)	А	Loan (DWRF)	7,752	-	7,000	752	-	-	-	-	752	0.3%
1322	WS-703 Water Main Replacement	А	1&E	9,350	-	3,000	6,350	-	-	-	-	6,350	2.5%
	WS-704 Water Main Replacement -along												
1322	Outerdrive (20,500LF)	A	Bond	5,948	-	599	4,801	548	-	-	-	5,349	2.1%
	WS-705 Water Main Replacement-2-sections												
1322	Eastside and Westside (33,400LF)	Р	Bond	12,839	-	100	7,000	5,140	599	-	-	12,739	4.9%
1322	WS-706 Water Main Replacement Wayne Co. Roads (26,400)	Р	Bond	10,000	-	-	5,500	4,000	500	-	-	10,000	3.9%
	WS-707 Water Main Replacement-MDOT areas		DWRF/										
1322	(38,000LF)	N	TBD	15,982	-	-	5,000	5,000	5,982	-	-	15,982	6.2%
1322	WS-709 Water Main Replacement	N	TBD	10,000	-	-	3,000	4,000	3,000	-	-	10,000	3.9%
	MOU-4841 (PW-6974) Livernois to Ranspach												
463	Water Main Replacement	с	I&E	768	768	-	-	-	-	-	-	-	0.0%
0&M	WS-701 Repair of Water Mains	Α	1&E	4,784	797	3,187	800	-	-	-	-	800	0.3%
0&M	WS-702 Repair & Replacement of Water Mains	А	I&E	11,889	-	-	8,000	3,889	-	-	-	11,889	4.6%
0&M	WS-708 Repair of Water Mains	N	I&E	4,800	-	-	2,400	2,400	-	-	-	4,800	1.9%
0&M	DWS-902 Repair of Pavement (break repair)	N	I&E	24,000	-	-	6,800	6,800	6,800	-	-	20,400	7.9%
0&M	DWS-904 Repair of Lawns (break repair)	N	I&E	2,700	-	-	765	765	765	-	-	2,295	0.9%
	Valve Exercising	N	I&E	3,000	-	-	2,000	1,000	-	-	-	3,000	1.2%
0&M	Leak Detection	N	1&E	600	-	-	600	-	-	-	-	600	0.2%
1308	CS-1673 Professional Engineering Services for Design of Water Main	А	I&E	3,031	1,443	700	888	-	-	-	-	888	0.3%
1349	CS-1812 Professional Engineering and Construction Services for CIPMO	A	I&E	57,406	-	7,839	7,234	6,695	4,140	2,795	-	20,864	8.1%
1349	CIPMO Pilot Program (N. Rosedale Park and Cornerstone Village)	A	I&E	39,183	-	-	2,664	10,658	-	-	-	13,322	5.1%
1349	Watermain & Sewer Program Allowances	N	I&E	121,608	-	38,229	-	1,200	10,166	12,000	12,000	35,366	13.7%
	City Planning & Development Framework	N	185				500	2 5 6 6	2 5 0 0	2 5 6 6	2.500	10 500	4.10/
1204	Allowance	A	I&E	-	-	-		2,500	2,500	2,500	2,500	10,500	4.1%
	Water Meter Replacement Program	A	I&E	25,283	-	4,000	5,283 2.000	4,000	4,000	4,000	4,000	21,283 10.000	8.2%
1352	Fire Hydrant Replacement Program	A	I&E	12,000	-	2,000	2,000	2,000	2,000	2,000	2,000	10,000	3.9%
1228	Vehicle, Heavy Equipment, and Equipment		18 5	11.925	_	2 000	2 2 2 7	2 000	2 000	2,000	2,000	10 227	4.0%
	Purchases Information Technology	A	I&E I&E	11,825 13,151	-	2,000 875	2,237 6,158	2,000 1,500	2,000 1,500	2,000 1,500	2,000 1,500	10,237 12,158	4.0%
	Facility Improvement Allowance	A	I&E	17,643	-	2,500	8,011	3,500	2,000	2,000	2,000	17,511	6.8%
1337	radinty improvement Allowance	A	TOTALS	468,529	37,545	2,500 78,575	90,645	67,596	45,952	2,000 28,795	2,000 26,000	258,987	100.0%

### **Sewer Project List**



DetRoit Water & Sewerage Department

Fotal estin	nated cost (1000's)		Sewer Proje	ect List 2019-2023 (	CIP							
CIP No.	Description	Status	Source of Funds	Paid thru 6/30/17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2019-2023 CIP Total	Percent of CIP
448	DWS-889 Inspection and Rehab East Side	С	I&E	4,226	-	-	-	-	-	-	-	0.0%
448	DWS-890 Inspection and Rehab Central	С	I&E	4,226	-	-	-	-	-	-	-	0.0%
448	DWS-899 Emergency Sewer Repair and Rehabilitation	С	I&E	2,221	-	-	-	-	-	-	-	0.0%
448	DWS-900 Inspection and Rehab North Side	BC	I&E	4,001	4,225	-	-	-	-	-	-	0.0%
448	DWS-901 Inspection and Rehab West Side	С	I&E	4,226	-	-	-	-	-	-	-	0.0%
	DWS-903 Inspection and Rehabilitation of Sewers City		1&E/									
448	Wide	A	Bond	-	6,000	20,000	20,000	14,000	-	-	54,000	22.4%
	CIPMO Pilot Program (N. Rosedale Park and Cornerstone											
1349	Village)	N	I&E	-	-	5,172	20,689	-	-	-	25,861	10.7%
1349	Watermain & Sewer Program Allowances	Ν	I&E	-	24,436	-	800	6,777	8,000	8,000	23,577	9.8%
			1&E/									
	City Planning & Development Framework Allowance	N	Bond	-	-	500	2,500	2,500	2,500	2,500	10,500	4.4%
	CS-1812 Professional Engineering and Construction											
	Services for Capital Improvement Program Management											
1349	Organization	A	I&E	-	7,839	7,234	6,695	4,140	2,795	-	20,864	8.7%
I&E	DWS-902 Repair of Pavement (break repair)	Α	I&E	-	-	1,200	1,200	1,200	-	-	3,600	1.5%
I&E	DWS-904 Repair of Lawns (break repair)	Ν	I&E	-	-	135	135	135	-	-	405	0.2%
1353	CS-1522 Green Infrastructure Program Management	Α	I&E	11,965	2,000	1,050	-	-	-	-	1,050	0.4%
1353	Stoepel Park No. 1	Α	I&E	-	25	15	10	-	-	-	25	0.0%
1353	PC-799 Crowell Rec Center and EcoSite Modifications	Α	I&E	-	300	600	10	10	5	-	625	0.3%
1353	Constance Sewer (PW-6968)	BC	I&E	-	40	-	-	-	-	-	-	0.0%
1353	Tireman Phase II Bioswale	Р	I&E	-	100	40	-	-	-	-	40	0.0%
1353	West Warren (Constance at Rouge Park/Tireman Sawyer P	N	I&E	-	-	600	5,300	5,300	100	-	11,300	4.7%
1353	PC-801 Oakman Blvd	Р	I&E	-	500	3,000	2,000	250	250	-	5,500	2.3%
1353	Gompers	Ν	I&E	-	-	400	680	100	20	-	1,200	0.5%
1353	Liuzzo Park	N	I&E	-	25	15	10	-	-	-	25	0.0%
1353	PC-800 O'Shea Park	Р	I&E	-	400	200	25	25	-	-	250	0.1%
1353	Joy Rd. Drainage Improvements	N	I&E	-	225	-	-	-	-	-	-	0.0%
1353	Minock Park	Ν	I&E	-	-	-	3,000	1,500	1,500	-	6,000	2.5%
1353	Rogell	N	I&E	-	-	3,000	4,550	400	50	-	8,000	3.3%
1353	PW-6968 Pervious Pavement Projects & Tireman Phase I	BC	I&E	2,069	45	-	-	-	-	-	-	0.0%
1353	Charles H. Wright Academy	N	I&E	-	250	1,400	40	40	-	-	1,480	0.6%
1353	Green Stormwater Infrastructure Construction Allowance	Ν	I&E	-	8,315	1,500	1,500	1,804	5,000	5,000	14,804	6.1%
1353	CS-1884 Green Infrastructure Program Management	N	I&E	-	-	3,000	3,000	2,000	2,000	2,000	12,000	5.0%
1328	Vehicle, Heavy Equipment, and Equipment Purchases	Ν	I&E	-	2,000	2,237	2,000	2,000	2,000	2,000	10,237	4.2%
1262	Information Technology	Ν	I&E	-	875	6,158	1,500	1,500	1,500	1,500	12,158	5.0%
1337	Facility Improvement Allowance	Ν	I&E	-	2,500	8,011	3,500	2,000	2,000	2,000	17,511	7.3%
			TOTALS	32,934	60,100	65,467	79,144	45,681	27,720	23,000	241,013	100.0%



#### Water & Sewerage Department

### **Central Services Summary**

#### Total estimated cost (1000's)

	FY 2018 -						2019-2023 CIP
Category	<b>Current Year</b>	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total
Fleet							
Water	\$ 2,000	\$ 2,237	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 10,237
Sewer	2,000	2,237	2,000	2,000	2,000	2,000	10,237
Fleet Total	4,000	4,475	4,000	4,000	4,000	4,000	20,475
Facilities							
Water	2,500	8,011	3,500	2,000	2,000	2,000	17,511
Sewer	2,500	8,011	3,500	2,000	2,000	2,000	17,511
Facilities Total	5,000	16,022	7,000	4,000	4,000	4,000	35,022
Information Technology							
Water	875	6,158	1,500	1,500	1,500	1,500	12,158
Sewer	875	6,158	1,500	1,500	1,500	1,500	12,158
Information Technology Total	1,750	12,316	3,000	3,000	3,000	3,000	24,316
Grand Total	10,750	32,812	14,000	11,000	11,000	11,000	79,812

	Informati	on Techno	logy				
Descriptions	Туре	Year	Life (Years)	QTY	Unit Cost	Total	2018-19
	Public Af	fairs			1		
Video equipment	Hardware/Equipment	Addition	3	2	\$ 2,600	\$ 5,200	5,200
Remote cameras	Hardware/Equipment	Addition	3	2	800	1,600	1,600
Multibox	Hardware/Equipment	Addition	3	1	1,250	1,250	1,250
Podium	Hardware/Equipment	Replacement	5	1	2,000	2,000	2,000
Digital camera	Hardware/Equipment	Addition	3	1	950	950	950
Tablet computer	Hardware/Equipment	Addition	3	4	425	1,700	1,700
	Customer S	ervice					
Low Voltage Wiring DWS-885	Hardware/Equipment	Addition	5	1	1,000,000	1,000,000	1,000,000
	Information Te	echnology					
EnQuesta Upgrade	Software	Replacement	5	1	1,252,500	1,252,500	1,252,500
Video Security System Upgrades	Software	Replacement	5	1	150,000	150,000	150,000
Access Control	Software	Addition	5	1	100,000	100,000	100,00
Network Infrastructure-REPLACEMENT	Software	Addition	5	1	250,000	250,000	250,00
Radios	Hardware/Equipment	Replacement	3	100	2,300	230,000	230,00
Desktops	Hardware/Equipment	Replacement	3	125	1,200	150,000	150,00
Laptops	Hardware/Equipment	Replacement	3	60	1,800	108,000	108,00
Printers	Hardware/Equipment	Replacement	5	15	17,000	255,000	255,00
Tablets	Hardware/Equipment	Replacement	3	35	2,200	77,000	77,00
Itron Replacement (Initial)	Other IT Implementation	Replacement	5	1	1,262,500	1,262,500	1,262,50
Dan's Executive Dashboard	Software	New Software	5	1	530,000	530,000	530,00
Acella ROW Implementation	Software	New Software	5	1	356,000	356,000	356,00
Misc Equipment for AssetWorks	Hardware/Equipment	Addition	5	1	150,000	150,000	150,00
GPS for vehicles	Hardware/Equipment	Addition	5	1	210,000	210,000	210,00
Data Analytics	Software	New Software	5	1	212,500	212,500	212,50
Office Space Maintenance/Reconfigs.	Hardware/Equipment	Replacement	10	1	174,500	174,500	174,50
Network Infrastructure - CoD MERGER	Software	Replacement	5	1	932,000	932,000	932,00
Oracle Database Licenses	Software	<b>Finishing Currer</b>	7	1	1,750,000	1,750,000	1,750,00
CityInsights Portal Phase II	Software	Enhacnements	5	1	341,000	341,000	341,00
ITIL Based Service Desk w/City of Detroit	Software	New Software	5	1	441,000	441,000	441,00
Records Management Services	Software	New Software	5	1	671,200	671,200	671,20
Copiers/Printers	Hardware/Equipment	New Hardware	7	1	12,000	12,000	12,00
Other IT Implementations	Other IT Implementation	New Other IT	5	1	978,000	978,000	978,00
Collaboration Software for Drainage &	Software	New Software	5	1	710,400	710,400	710,40
Records Management			5	-	. 10, .00	·	
Total						\$12,316,300	\$12,316,300



Information Technology – Software: \$6.1M Hardware/Equipment: \$2.2M Other: \$4M Software-Enquesta upgrade \$1.2M Oracle Database licenses (lifetime) \$1.75M

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#### Vehicle, Heavy Equipment, and Equipment

	<u> </u>			<u> </u>	
Descriptions	Туре	Addition/ Replacement	QTY	Unit Cost	2018-19
Revenue Recovery				· · · · ·	
Assigned Vechicles	Vehicle	Addition	2	35,000	70,000
Facilities Operations					
CSF- Scissor lift	Lift Truck	Addition	1	200,000	200,000
air compressor-MOB	Equipment	Replacement	1	70,000	70,000
death tanks-diesel	Equipment	Replacement	2	20,000	40,000
Meter Operations					
Utility Truck with Crane	Heavy Equipment	Replacement	1	90,000	90,000
Compact Excavator	Heavy Equipment	Addition	1	60,000	60,000
Drop Deck Trailer for Excavator	Heavy Equipment	Addition	1	20,000	20,000
Mini Hydroexcavator	Heavy Equipment	Addition	1	70,000	70,000
Compressors	Equipment	Addition	4	6,800	27,200
2 -5/8 test bench	Equipment	Replacement	2	100,000	200,000
3/4" Test Bench	Equipment	Replacement	1	81,200	81,200
1" Test Bench	Equipment	Replacement	1	83,400	83 <i>,</i> 400
1-1/2-2in Test Bench	Equipment	Replacement	1	94,300	94,300
Field Services Operations					-
Camera Truck-CCTV	Specialty Truck	Addition	1	200,000	200,000
Mini Excavators	Heavy Equipment	Replacement	6	75,000	450,000
12,000+ lb Trailer	Heavy Equipment	Addition	6	4,250	25,500
Utility Truck	Specialty Truck	Addition	8	90,000	720,000
Boom Truck	Specialty Truck	Replacement	4	250,000	1,000,000
Backhoe (Excavator)	Heavy Equipment	Replacement	1	125,000	125,000
Compressors		Addition	4	5,000	20,000
Fleet Operations					
SUVs	Vehicle	Replacement	3	23,000	69,000
Passenger Vehicles	Vehicle	Replacement	5	21,000	105,000
Heavy Duty Hoist for Vactors	Heavy Equipment	Addition	1	420,000	420,000
Shuttle Bus	Bus/Van	Replacement	1	45,000	45,000
Cooling fans-shop	Equipment	Addition	3	6,000	18,000
Cooling fans-shop	Equipment	Addition	1	7,000	7,000
hydrolic hosing machine-vactor	Equipment	Addition	1	10,000	10,000
Tow behind pump	Equipment	Addtion/Replacement	2	37,000	74,000
Tow behind compressor	Equipment	Replacement	2	40,000	80,000
Total					\$ 4,474,600



#### Fleet & Heavy Equipment: Trucks: \$2.3M Vehicles \$244K Heavy Equip: \$1.1M

#### **Facility Improvements**

Descriptions	Туре	2018-19
Roofing		
CSF/West/MOB	Roof replacement	7,125,000
Salt Dome - Roof	Roof replacement	-
Heating Units		
CSF	HVAC Units	2,100,000
Customer Service	HVAC	25,000
Garage Door Replacement		
CSF	CSF/West yard	240,000
Misc. Tuckpointing		
CSF/MOB	Exterior Improvements	300,000
Funiture		
Organization Development	File storage unit	2,500
Stormwater Drainage	Furniture	10,000
Service Center Chairs	Furniture	50,000
Central Services Facility-Multipurpose Room	Furniture	55,000
Interior Improvements		
Painting/Carpet	Improvements	15,000
Elevators	Rehabilitation	2,000,000
Flooring	Interior	1,000,000
Flooring	exterior	375,000
10th Floor Conference Room buildout	МОВ	9,000
Parking Lot Improvements		
Repavement	Customer Service-East & West	15,000
LED Lights	CSF/West yard	200,000
Total		\$ 13,521,500



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#### **Next Steps**

- May 2018 Recommend 2019-2023 CIP for BOWC approval with the Operating Budget
- June 2018 Submit 2019 CIP to City for Budget Entry
- July 2018 Beginning of Fiscal year 2019

## **Thank You**





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