



CITY OF LAWRENCE UTILITIES  
**2017**  
PROPOSED BUDGET

**MAYOR STEVE COLLIER**

DECEMBER 13, 2016



**MAYOR STEVE COLLIER**

**CITY CONTROLLER JASON C. FENWICK**

**UTILITY SERVICE BOARD MEMBERS**

**STEVEN HALL, PRESIDENT**

**DALE TEKIPPE, VICE PRESIDENT**

**DAVID PARNELL, SECRETARY**

**TERRY GINGLES**

**REGINA MARSH**

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CITY OF LAWRENCE

MUNICIPAL

WATER WORKS

UTILITY



UTILITIES

# City of Lawrence - Municipal Water Works Utility

## Operating Fund

### *2017 Proposed Budget*

	12/31/2014	12/31/2015	9/30/2016	2017 Budget
	Actual	Actual	Actual	
<b>Operating Receipts</b>				
Residential Metered Sales	\$ 3,734,534	\$ 3,533,118	\$ 2,946,901	\$ 3,700,000
Commercial Metered Sales	1,567,470	1,473,292	1,282,522	1,580,000
Private Fire Protection	225,874	215,806	202,894	240,000
Hydrant Fees	136,258	117,683	109,377	131,000
Penalties	116,065	116,484	104,861	125,000
New Meters	16,455	40,781	43,385	40,000
Other	-	-	-	-
Miscellaneous	12,974	13,693	27	15,000
<b>Total Operating Receipts</b>	<b>\$ 5,809,630</b>	<b>\$ 5,510,858</b>	<b>\$ 4,689,968</b>	<b>\$ 5,831,000</b>
<b>Operating Disbursements</b>				
Salaries and Benefits	\$ 1,705,778	\$ 1,798,919	\$ 1,243,059	\$ 1,698,937
Professional and Contractual Services	611,998	360,302	437,960	641,250
Materials and Supplies	651,745	525,971	267,516	386,950
Transportation Expense	140,924	76,940	60,391	97,950
Insurance Expense	72,897	60,013	68,393	74,524
Chemicals	111,232	117,992	71,538	125,000
Rental of Equipment	4,721	4,780	2,810	14,500
Purchased Power	377,422	255,296	240,781	286,500
Miscellaneous Expense	317,789	215,013	213,136	517,245
Contractual Payment to City	1,112,727	1,324,675	1,017,980	1,157,306
Other Charges	-	-	-	-
<b>Total Operating Disbursements</b>	<b>\$ 5,107,234</b>	<b>\$ 4,739,902</b>	<b>\$ 3,623,563</b>	<b>\$ 5,000,162</b>
<b>Net Operating Receipts/(Disbursements)</b>	<b>\$ 702,396</b>	<b>\$ 770,955</b>	<b>\$ 1,066,405</b>	<b>\$ 830,838</b>
<b>Non-Operating Receipts/(Disbursements)</b>				
Sales Tax	\$ 358,611	\$ 334,042	\$ 139,664	\$ -
EDU Fees	114,440	156,810	109,350	120,000
Transfers In	1,061,394	-	-	-
Loan from Sewer Utility	-	-	1,500,000	-
Other Receipts	113,757	121,820	131,862	124,500
Transfers	(1,061,394)	-	(924,813)	(1,231,566)
Accounts Payable	20,146	17,443	(8,594)	-
Principal Payment	(555,000)	(580,000)	-	-
Interest Expense	(780,499)	(745,015)	(835)	-
Capital Leases	(146,772)	(159,383)	(10,621)	(251,672)

**City of Lawrence - Municipal Water Works Utility**  
**Operating Fund**

***2017 Proposed Budget***

	<b>12/31/2014</b>	<b>12/31/2015</b>	<b>9/30/2016</b>	
	<b>Actual</b>	<b>Actual</b>	<b>Actual</b>	<b>2017 Budget</b>
Sales Tax	(656,137)	(338,259)	(163,449)	-
Other	2,088,212	(35,963)	-	-
<b>Total Non-Operating Receipts/(Disbursements)</b>	<b>\$ 556,757</b>	<b>\$ (1,228,504)</b>	<b>\$ 772,564</b>	<b>\$ (1,238,738)</b>
<b>Net Receipts</b>	<b>\$ 1,259,152</b>	<b>\$ (457,549)</b>	<b>\$ 1,838,969</b>	<b>\$ (407,900)</b>

**City of Lawrence - Municipal Water Works Utility**  
**602 - Water Bond and Interest Fund**

***2017 Monthly Cash Transfers***

	<b>FY 2017</b>
<b>Receipts</b>	
Transfer from Operating Fund	\$ 1,231,566
Misc.	-
<b>Total Revenue</b>	<b>\$ 1,231,566</b>
<b>Disbursements</b>	
Series 2007A	\$ 288,226
Series 2007B	371,106
Series 2009A	440,792
Series 2009B	131,442
<b>Total Expenses</b>	<b>\$ 1,231,566</b>
<b>Net Receipts</b>	<b>\$ -</b>

**City of Lawrence - Municipal Water Works Utility**  
**602 - Water Bond and Interest Fund**

**Series 2007A - Amortization Schedule**

<b>Date</b>	<b>Principal</b>	<b>Interest Rate</b>	<b>Interest</b>	<b>Period Total</b>	<b>FY Total</b>	<b>Remaining Balance</b>
7/1/2017	\$ -		\$ 59,113	\$ 59,113		\$ 2,390,000
1/1/2018	170,000	4.00%	59,113	229,113	288,226	2,220,000
7/1/2018	-		55,500	55,500		2,220,000
1/1/2019	175,000	5.00%	55,500	230,500	286,000	2,045,000
7/1/2019	-		51,125	51,125		2,045,000
1/1/2020	185,000	5.00%	51,125	236,125	287,250	1,860,000
7/1/2020	-		46,500	46,500		1,860,000
1/1/2021	195,000	5.00%	46,500	241,500	288,000	1,665,000
7/1/2021	-		41,625	41,625		1,665,000
1/1/2022	205,000	5.00%	41,625	246,625	288,250	1,460,000
7/1/2022	-		36,500	36,500		1,460,000
1/1/2023	215,000	5.00%	36,500	251,500	288,000	1,245,000
7/1/2023	-		31,125	31,125		1,245,000
1/1/2024	225,000	5.00%	31,125	256,125	287,250	1,020,000
7/1/2024	-		25,500	25,500		1,020,000
1/1/2025	235,000	5.00%	25,500	260,500	286,000	785,000
7/1/2025	-		19,625	19,625		785,000
1/1/2026	250,000	5.00%	19,625	269,625	289,250	535,000
7/1/2026	-		13,375	13,375		535,000
1/1/2027	260,000	5.00%	13,375	273,375	286,750	275,000
7/1/2027	-		6,875	6,875		275,000
1/1/2028	275,000	5.00%	6,875	281,875	288,750	-
<b>Total</b>	<b>\$ 2,390,000</b>		<b>\$ 773,726</b>	<b>\$ 3,163,726</b>	<b>\$ 3,163,726</b>	



## City of Lawrence - Municipal Water Works Utility

### 602 - Water Bond and Interest Fund

#### *Series 2007B - Amortization Schedule*

Date	Principal	Interest Rate	Interest	Period Total	FY Total	Remaining Balance
7/1/2017	\$ -		\$ 98,053	\$ 98,053		\$ 2,780,000
1/1/2018	175,000	6.00%	98,053	273,053	371,106	2,605,000
7/1/2018	-		92,803	92,803		2,605,000
1/1/2019	185,000	7.00%	92,803	277,803	370,606	2,420,000
7/1/2019	-		86,213	86,213		2,420,000
1/1/2020	200,000	7.00%	86,213	286,213	372,426	2,220,000
7/1/2020	-		79,088	79,088		2,220,000
1/1/2021	215,000	7.00%	79,088	294,088	373,176	2,005,000
7/1/2021	-		71,428	71,428		2,005,000
1/1/2022	230,000	7.00%	71,428	301,428	372,856	1,775,000
7/1/2022	-		63,234	63,234		1,775,000
1/1/2023	245,000	7.00%	63,234	308,234	371,468	1,530,000
7/1/2023	-		54,506	54,506		1,530,000
1/1/2024	265,000	7.00%	54,506	319,506	374,012	1,265,000
7/1/2024	-		45,066	45,066		1,265,000
1/1/2025	285,000	7.00%	45,066	330,066	375,132	980,000
7/1/2025	-		34,913	34,913		980,000
1/1/2026	305,000	7.00%	34,913	339,913	374,826	675,000
7/1/2026	-		24,047	24,047		675,000
1/1/2027	325,000	7.00%	24,047	349,047	373,094	350,000
7/1/2027	-		12,469	12,469		350,000
1/1/2028	350,000	7.00%	12,469	362,469	374,938	-
<b>Total</b>	<b>\$ 2,780,000</b>		<b>\$ 1,323,640</b>	<b>\$ 4,103,640</b>	<b>\$ 4,103,640</b>	

# City of Lawrence - Municipal Water Works Utility

## 602 - Water Bond and Interest Fund

### Series 2009A - Amortization Schedule

Date	Principal	Interest Rate	Interest	Period Total	FY Total	Remaining Balance
7/1/2017	\$ -		\$ 110,396	\$ 110,396		\$ 3,980,000
1/1/2018	220,000	4.99%	110,396	330,396	440,792	3,760,000
7/1/2018	-		104,907	104,907		3,760,000
1/1/2019	230,000	5.11%	104,907	334,907	439,814	3,530,000
7/1/2019	-		99,031	99,031		3,530,000
1/1/2020	245,000	5.21%	99,031	344,031	443,062	3,285,000
7/1/2020	-		92,648	92,648		3,285,000
1/1/2021	255,000	5.26%	92,648	347,648	440,296	3,030,000
7/1/2021	-		85,942	85,942		3,030,000
1/1/2022	270,000	5.34%	85,942	355,942	441,884	2,760,000
7/1/2022	-		78,733	78,733		2,760,000
1/1/2023	285,000	5.41%	78,733	363,733	442,466	2,475,000
7/1/2023	-		71,024	71,024		2,475,000
1/1/2024	300,000	5.46%	71,024	371,024	442,048	2,175,000
7/1/2024	-		62,834	62,834		2,175,000
1/1/2025	315,000	5.56%	62,834	377,834	440,668	1,860,000
7/1/2025	-		54,077	54,077		1,860,000
1/1/2026	330,000	5.66%	54,077	384,077	438,154	1,530,000
7/1/2026	-		44,738	44,738		1,530,000
1/1/2027	350,000	5.77%	44,738	394,738	439,476	1,180,000
7/1/2027	-		34,640	34,640		1,180,000
1/1/2028	370,000	5.83%	34,640	404,640	439,280	810,000
7/1/2028	-		23,855	23,855		810,000
1/1/2029	395,000	5.89%	23,855	418,855	442,710	415,000
7/1/2029	-		12,222	12,222		415,000
1/1/2030	415,000	5.89%	12,222	427,222	439,444	-
<b>Total</b>	<b>\$ 3,980,000</b>		<b>\$ 1,750,094</b>	<b>\$ 5,730,094</b>	<b>\$ 5,730,094</b>	

**City of Lawrence - Municipal Water Works Utility**  
**602 - Water Bond and Interest Fund**

***Series 2009B - Amortization Schedule***

<b>Date</b>	<b>Principal</b>	<b>Interest Rate</b>	<b>Interest</b>	<b>Period Total</b>	<b>FY Total</b>	<b>Remaining Balance</b>
7/1/2017	\$ -		\$ 28,221	\$ 28,221		\$ 795,000
1/1/2018	75,000	7.00%	28,221	103,221	131,442	720,000
7/1/2018	-		25,596	25,596		720,000
1/1/2019	85,000	7.11%	25,596	110,596	136,192	635,000
7/1/2019	-		22,574	22,574		635,000
1/1/2020	90,000	7.11%	22,574	112,574	135,148	545,000
7/1/2020	-		19,375	19,375		545,000
1/1/2021	95,000	7.11%	19,375	114,375	133,750	450,000
7/1/2021	-		15,998	15,998		450,000
1/1/2022	100,000	7.11%	15,998	115,998	131,996	350,000
7/1/2022	-		12,443	12,443		350,000
1/1/2023	110,000	7.11%	12,443	122,443	134,886	240,000
7/1/2023	-		8,532	8,532		240,000
1/1/2024	115,000	7.11%	8,532	123,532	132,064	125,000
7/1/2024	-		4,444	4,444		125,000
1/1/2025	125,000	7.11%	4,444	129,444	133,888	-
<b>Total</b>	<b>\$ 795,000</b>		<b>\$ 274,366</b>	<b>\$ 1,069,366</b>	<b>\$ 1,069,366</b>	

CITY OF LAWRENCE

MUNICIPAL

SEWER WORKS

UTILITY



UTILITIES

# City of Lawrence - Municipal Sewage Works Utility

## Operating Fund

### **2017 Proposed Budget**

	12/31/2014	12/31/2015	9/30/2016	2017 Budget
	Actual	Actual	Actual	
<b>Operating Receipts</b>				
Residential Flat Rate Sales	\$ 4,240,488	\$ 4,069,879	\$ 3,396,244	\$ 4,250,000
Commercial Metered Sales	2,852,913	2,680,899	2,339,015	2,875,000
Residential Metered Sales	746,166	659,986	617,540	720,000
Penalties	237,183	231,762	128,775	210,000
Miscellaneous Receipts	40,340	41,818	36,380	42,100
<b>Total Operating Receipts</b>	<b>\$ 8,117,090</b>	<b>\$ 7,684,344</b>	<b>\$ 6,517,954</b>	<b>\$ 8,097,100</b>
<b>Operating Disbursements</b>				
Salaries and Benefits	\$ 1,267,317	\$ 1,470,706	\$ 1,012,410	\$ 1,288,372
Treatment Expense	1,849,234	1,972,910	1,848,338	2,000,000
Professional and Contractual Services	959,446	1,757,026	782,272	1,044,000
Materials and Supplies	242,841	321,139	168,560	78,000
Transportation Expense	92,901	93,629	69,505	96,950
Insurance Expense	71,316	60,013	68,393	73,130
Rental of Equipment	13,571	4,701	2,810	14,500
Purchased Power	85,186	105,507	77,002	111,500
Contractual Payment to City	2,066,493	1,854,545	1,526,969	2,035,959
Miscellaneous Expense	352,677	146,750	147,665	540,278
<b>Total Operating Disbursements</b>	<b>\$ 7,000,982</b>	<b>\$ 7,786,926</b>	<b>\$ 5,703,924</b>	<b>\$ 7,282,689</b>
<b>Net Operating Receipts/(Disbursements)</b>	<b>\$ 1,116,107</b>	<b>\$ (102,582)</b>	<b>\$ 814,030</b>	<b>\$ 814,411</b>
<b>Non-Operating Receipts/(Disbursements)</b>				
Transfers-In	\$ 2,622,217	\$ -	\$ -	\$ -
Other Receipts	100,971	159,957	119,565	108,000
Transfers-Out	(731,656)	-	(583,274)	(2,773,638)
Loan to Water Utility	-	-	(1,500,000)	-
Interest Expense	(393,889)	(340,841)	(4,871)	-
Principal Payment	(609,394)	(275,000)	-	-
Capital Leases	(230,497)	(208,318)	(83,187)	(217,182)
Accounts Payable	5,799	607	(585)	-
Other	(27,444)	(70,213)	-	-
<b>Total Non-Operating Receipts/(Disbursements)</b>	<b>\$ 736,106</b>	<b>\$ (733,808)</b>	<b>\$ (2,052,352)</b>	<b>\$ (2,882,820)</b>
<b>Net Receipts</b>	<b>\$ 1,852,214</b>	<b>\$ (836,390)</b>	<b>\$ (1,238,322)</b>	<b>\$ (2,068,409)</b>

# City of Lawrence - Municipal Sewage Works Utility

## 607 - Sewer Bond and Interest Fund

### *2017 Monthly Cash Transfers*

FY 2017

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#### **Receipts**

Transfer from Operating Fund	\$	773,638
Misc.		-
<b>Total Revenue</b>	<b>\$</b>	<b>773,638</b>

#### **Disbursements**

Series 2009A	\$	191,168
Series 2009B		320,340
Series 2009C		43,814
Series 20015		218,316
<b>Total Expenses</b>	<b>\$</b>	<b>773,638</b>

<b>Net Receipts</b>	<b>\$</b>	<b>-</b>
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## City of Lawrence - Municipal Sewage Works Utility

### 607 - Sewer Bond and Interest Fund

#### *Series 2009A - Amortization Schedule*

Date	Principal	Interest Rate	Interest	Period Total	FY Total	Remaining Balance
7/1/2017	\$ -		\$ 10,613	\$ 10,613		\$ 2,332,564
1/1/2018	169,942	0.91%	10,613	180,555	191,168	2,162,622
7/1/2018	-		9,840	9,840		2,162,622
1/1/2019	171,471	0.91%	9,840	181,311	191,151	1,991,151
7/1/2019	-		9,060	9,060		1,991,151
1/1/2020	173,014	0.91%	9,060	182,074	191,134	1,818,137
7/1/2020	-		8,273	8,273		1,818,137
1/1/2021	174,572	0.91%	8,273	182,845	191,118	1,643,565
7/1/2021	-		7,478	7,478		1,643,565
1/1/2022	176,142	0.91%	7,478	183,620	191,098	1,467,423
7/1/2022	-		6,677	6,677		1,467,423
1/1/2023	177,727	0.91%	6,677	184,404	191,081	1,289,696
7/1/2023	-		5,868	5,868		1,289,696
1/1/2024	179,327	0.91%	5,868	185,195	191,063	1,110,369
7/1/2024	-		5,052	5,052		1,110,369
1/1/2025	180,942	0.91%	5,052	185,994	191,046	929,427
7/1/2025	-		4,229	4,229		929,427
1/1/2026	182,569	0.91%	4,229	186,798	191,027	746,858
7/1/2026	-		3,398	3,398		746,858
1/1/2027	184,213	0.91%	3,398	187,611	191,009	562,645
7/1/2027	-		2,560	2,560		562,645
1/1/2028	185,871	0.91%	2,560	188,431	190,991	376,774
7/1/2028	-		1,714	1,714		376,774
1/1/2029	187,543	0.91%	1,714	189,257	190,971	189,231
7/1/2029	-		861	861		189,231
1/1/2030	189,231	0.91%	861	190,092	190,953	-
<b>Total</b>	<b>\$ 2,332,564</b>		<b>\$ 151,246</b>	<b>\$ 2,483,810</b>	<b>\$ 2,483,810</b>	

**City of Lawrence - Municipal Sewage Works Utility**  
**607 - Sewer Bond and Interest Fund**

**Series 2009B - Amortization Schedule**

Date	Principal	Interest Rate	Interest	Period Total	FY Total	Remaining Balance
7/1/2017	\$ -		\$ 80,170	\$ 80,170		\$ 2,890,000
1/1/2018	160,000	4.99%	80,170	240,170	320,340	2,730,000
7/1/2018	-		76,178	76,178		2,730,000
1/1/2019	170,000	5.11%	76,178	246,178	322,356	2,560,000
7/1/2019	-		71,834	71,834		2,560,000
1/1/2020	175,000	5.21%	71,834	246,834	318,668	2,385,000
7/1/2020	-		67,276	67,276		2,385,000
1/1/2021	185,000	5.26%	67,276	252,276	319,552	2,200,000
7/1/2021	-		62,410	62,410		2,200,000
1/1/2022	195,000	5.34%	62,410	257,410	319,820	2,005,000
7/1/2022	-		57,204	57,204		2,005,000
1/1/2023	205,000	5.41%	57,204	262,204	319,408	1,800,000
7/1/2023	-		51,658	51,658		1,800,000
1/1/2024	215,000	5.46%	51,658	266,658	318,316	1,585,000
7/1/2024	-		45,789	45,789		1,585,000
1/1/2025	230,000	5.56%	45,789	275,789	321,578	1,355,000
7/1/2025	-		39,395	39,395		1,355,000
1/1/2026	240,000	5.66%	39,395	279,395	318,790	1,115,000
7/1/2026	-		32,603	32,603		1,115,000
1/1/2027	255,000	5.77%	32,603	287,603	320,206	860,000
7/1/2027	-		25,246	25,246		860,000
1/1/2028	270,000	5.83%	25,246	295,246	320,492	590,000
7/1/2028	-		17,376	17,376		590,000
1/1/2029	285,000	5.89%	17,376	302,376	319,752	305,000
7/1/2029	-		8,982	8,982		305,000
1/1/2030	305,000	5.89%	8,982	313,982	322,964	-
<b>Total</b>	<b>\$ 2,890,000</b>		<b>\$ 1,272,242</b>	<b>\$ 4,162,242</b>	<b>\$ 4,162,242</b>	



**City of Lawrence - Municipal Sewage Works Utility**  
**607 - Sewer Bond and Interest Fund**

*Series 2009C - Amortization Schedule*

Date	Principal	Interest Rate	Interest	Period Total	FY Total	Remaining Balance
7/1/2017	\$ -		\$ 9,407	\$ 9,407		\$ 265,000
1/1/2018	25,000	7.00%	9,407	34,407	43,814	240,000
7/1/2018	-		8,532	8,532		240,000
1/1/2019	30,000	7.11%	8,532	38,532	47,064	210,000
7/1/2019	-		7,466	7,466		210,000
1/1/2020	30,000	7.11%	7,466	37,466	44,932	180,000
7/1/2020	-		6,399	6,399		180,000
1/1/2021	30,000	7.11%	6,399	36,399	42,798	150,000
7/1/2021	-		5,333	5,333		150,000
1/1/2022	35,000	7.11%	5,333	40,333	45,666	115,000
7/1/2022	-		4,088	4,088		115,000
1/1/2023	35,000	7.11%	4,088	39,088	43,176	80,000
7/1/2023	-		2,844	2,844		80,000
1/1/2024	40,000	7.11%	2,844	42,844	45,688	40,000
7/1/2024	-		1,422	1,422		40,000
1/1/2025	40,000	7.11%	1,422	41,422	42,844	-
<b>Total</b>	<b>\$ 265,000</b>		<b>\$ 90,982</b>	<b>\$ 355,982</b>	<b>\$ 355,982</b>	

**City of Lawrence - Municipal Sewage Works Utility**  
**607 - Sewer Bond and Interest Fund**

**Series 2015 - Amortization Schedule**

<b>Date</b>	<b>Principal</b>	<b>Interest Rate</b>	<b>Interest</b>	<b>Period Total</b>	<b>FY Total</b>	<b>Remaining Balance</b>
7/1/2017	\$ -		\$ 31,658	\$ 31,658		\$ 2,010,000
1/1/2018	155,000	3.15%	31,658	186,658	218,316	1,855,000
7/1/2018	-		29,216	29,216		1,855,000
1/1/2019	160,000	3.15%	29,216	189,216	218,432	1,695,000
7/1/2019	-		26,696	26,696		1,695,000
1/1/2020	165,000	3.15%	26,696	191,696	218,392	1,530,000
7/1/2020	-		24,098	24,098		1,530,000
1/1/2021	170,000	3.15%	24,098	194,098	218,196	1,360,000
7/1/2021	-		21,420	21,420		1,360,000
1/1/2022	175,000	3.15%	21,420	196,420	217,840	1,185,000
7/1/2022	-		18,664	18,664		1,185,000
1/1/2023	180,000	3.15%	18,664	198,664	217,328	1,005,000
7/1/2023	-		15,829	15,829		1,005,000
1/1/2024	190,000	3.15%	15,829	205,829	221,658	815,000
7/1/2024	-		12,836	12,836		815,000
1/1/2025	195,000	3.15%	12,836	207,836	220,672	620,000
7/1/2025	-		9,765	9,765		620,000
1/1/2026	200,000	3.15%	9,765	209,765	219,530	420,000
7/1/2026	-		6,615	6,615		420,000
1/1/2027	205,000	3.15%	6,615	211,615	218,230	215,000
7/1/2027	-		3,386	3,386		215,000
1/1/2028	215,000	3.15%	3,386	218,386	221,772	-
<b>Total</b>	<b>\$ 2,010,000</b>		<b>\$ 400,366</b>	<b>\$ 2,410,366</b>	<b>\$ 2,410,366</b>	

# City of Lawrence - Municipal Sewage Works Utility

## 618 - Sewer Capital Improvement Fund

### *2017 Capital Improvement Project Plan*

	<b>Estimate</b>
1. Purchase new vactor truck	\$392,500
2. Purchase new 4x4 pickup truck	\$60,000
3. Install new infrastructure to resolve SSO at 46th and Post Rd. and 45th and Clinton	\$750,000 - \$1,000,000
4. Install new force main for Lift Station #10 (71st Street) and replace the impeller and lower seal on the pumps - Phase 1	\$725,000 - \$922,000
<b>Total</b>	<b>\$1,927,500 - \$2,374,500</b>