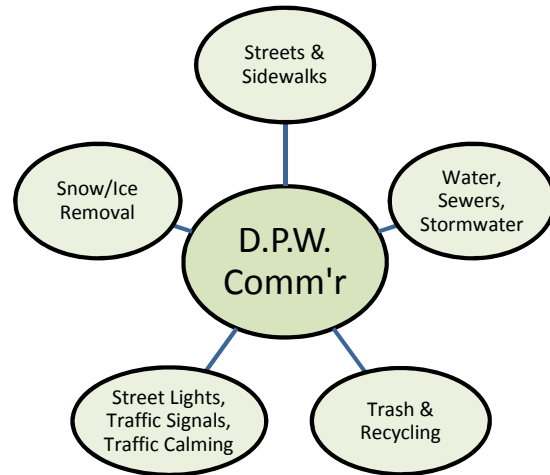


Public Works

Mission Statement

To construct and maintain roadways, sidewalks, and traffic control signals; to provide potable water, remove sewage and provide for stormwater drainage; to dispose of solid waste and recyclables; to optimize traffic flow w/ proper signage, signals & street designs; and to respond to snow and rain storms.



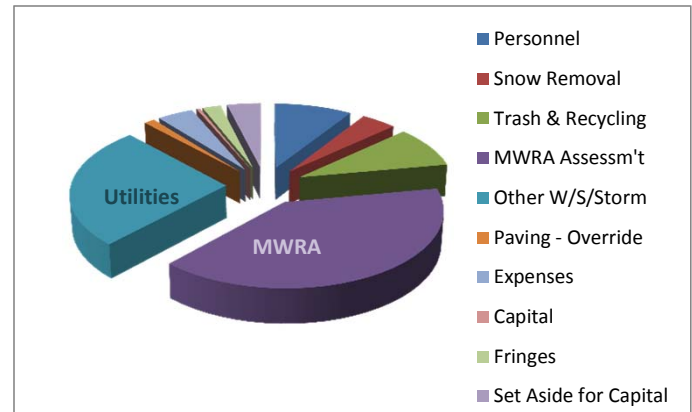
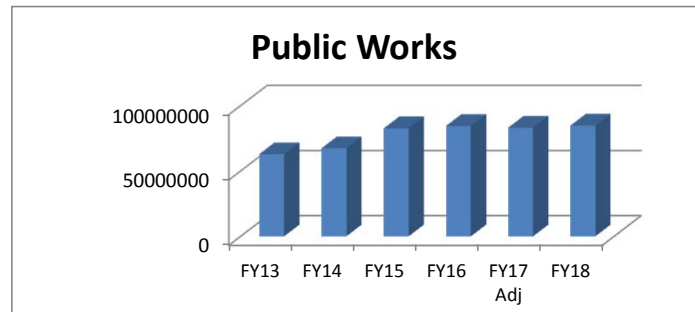
Fiscal Year 2017 Accomplishments

- Highway** - Implemented 8 miles of newly paved roadway.
- Sanitation** - Maintained disruption-free collection of solid waste and increase household recycling rate. Off-site removal of yard waste and street sweepings.
- Transportation** - Provided pay-by-cell parking options and began upgrading parking meters; continued improvements to traffic and street lighting infrastructure.
- Fleet Management** - Completed vehicle replacement plan; maintain city fleet that provides 95% operational readiness; implement programs toward fleet sustainability.
- Engineering** - Delivered projects that were on time, under budget and provided safe and improved city infrastructure; ensured timely and accurate permit review/issuing process.
- Customer Service** - Responded to inquiries and concerns in a manner that provided timely, accurate solutions.

Fiscal Year 2018 Desired Outcomes

- Highway** - Construct and repair 7.3 miles of sidewalks; improvements to municipal parking lots; ongoing pothole repairs.
- Sanitation** - Improve efficiency for curbside collections, recycling, waste tonnage & services awareness.
- Transportation** - Bike infrastructure; parking kiosk implementation; village improvement projects; traffic flow improvements.
- Fleet Management** - Develop program for certified ASE Blue Seal repair facility and continued maintenance with fleet.
- Engineering** - Bring projects in on schedule and cost and ensure timely and accurate permitting.
- Customer Service** - Respond to inquiries and concerns in a manner that provides timely and accurate solutions.

Department Detail



Expenditure	Actual				Adj Budget		Proposed	
	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2017	FY2018
Personnel	\$ 6,000,217	\$ 6,894,157	\$ 7,314,368	\$ 6,452,265	\$ 7,643,010	\$ 7,862,639		
Snow Removal	\$ 3,693,985	\$ 4,986,729	\$ 7,223,942	\$ 6,155,687	\$ 4,495,198	\$ 1,000,000		
Trash & Recycling	\$ 6,519,835	\$ 6,634,240	\$ 6,829,268	\$ 7,334,952	\$ 7,565,256	\$ 7,710,957		
MWRA Assessm't	\$ 29,676,554	\$ 30,512,563	\$ 30,641,996	\$ 31,943,504	\$ 33,685,338	\$ 34,927,000		
Other Utilities	\$ 15,469,578	\$ 22,345,405	\$ 25,427,539	\$ 19,407,177	\$ 21,133,236	\$ 22,474,229		
Paving - Override	\$ -	\$ 1,000,000	\$ 1,025,000	\$ 1,050,625	\$ 1,076,891	\$ 1,103,813		
Expenses	\$ 2,246,263	\$ 3,646,717	\$ 3,305,222	\$ 3,529,859	\$ 3,753,347	\$ 4,201,137		
Debt and Capital	\$ 2,695,088	\$ 2,667,032	\$ 910,188	\$ 3,085,331	\$ 1,831,300	\$ 2,038,500		
Fringes	\$ 1,083,840	\$ 1,535,300	\$ 1,526,866	\$ 1,548,030	\$ 1,815,420	\$ 1,685,849		
Set Aside for Reserve	\$ -	\$ 2,446,653	\$ -	\$ -	\$ 3,302,644	\$ 2,000,000		
Total	\$ 67,385,360	\$ 82,668,796	\$ 84,204,389	\$ 80,507,430	\$ 86,301,640	\$ 85,004,124		
% Incr		22.68%	1.86%	-4.39%	7.20%	-1.50%		
Personnel								
Full-Time	205	199	203	193	187	189		
Part-Time	3	10	9	9	13	13		
Total	208	209	212	202	200	202		

FUND: 01 - GENERAL FUND
DEPARTMENT: 401 - PUBLIC WORKS DEPARTMENT

CITY OF NEWTON BUDGET
DEPARTMENTAL DETAIL

	ACTUAL FY2015	ACTUAL FY2016	AMENDED 2017	YTD 4/4/2017	RECOMMENDED 2018	CHANGE 2017 to 2018	
401 - PUBLIC WORKS DEPARTMENT							
0140101 - DPW ADMIN/SUPPT							
PERSONAL SERVICES							
511001	FULL TIME SALARIES	676,876	779,127	954,492	678,310	1,061,542	107,050
512001	SEASONAL WAGES	0	0	2,000	0	19,200	17,200
513001	REGULAR OVERTIME	24	5,315	5,200	6,183	0	-5,200
514001	LONGEVITY	10,525	7,900	7,900	5,000	9,550	1,650
515102	CLEANING ALLOWANCE	3,000	2,500	3,000	3,000	3,000	0
TOTAL PERSONAL SERVICES		690,425	794,841	972,592	692,493	1,093,292	120,700
EXPENSES							
52401	OFFICE EQUIPMENT R-M	714	511	1,376	1,376	1,450	74
52405	COMPUTER EQUIPMT R-M	861	947	1,144	1,121	1,000	-144
52408	DEPARTMENTAL EQUIP R-	1,869	1,958	3,000	3,000	2,500	-500
52409	PUBLIC PROPERTY R-M	0	0	22	0	0	-22
52410C	WEB QA SERVICES	24,384	17,310	17,000	9,550	19,480	2,480
5274	RENTAL - EQUIPMENT	2,328	2,337	3,940	3,259	2,422	-1,518
5319	TRAINING EXPENSES	4,125	2,345	7,264	6,402	4,000	-3,264
5321	TUITION ASSISTANCE	0	0	2,560	2,559	0	-2,560
53401	TELEPHONE	17,231	17,125	18,000	16,137	18,000	0
53402	CELLULAR TELEPHONES	57,548	70,731	70,000	58,378	72,000	2,000
5341	POSTAGE	1,779	2,933	3,000	2,307	2,000	-1,000
5342	PRINTING	3,092	6,605	3,240	2,951	3,500	260
5343	ADVERTISING/PUBLICATIO	299	7,657	400	245	0	-400
5390	POLICE PRIVATE DETAIL S	0	0	0	0	60,000	60,000
5420	OFFICE SUPPLIES	8,423	13,458	12,739	11,765	10,500	-2,239
5432	SMALL TOOLS	13,817	14,354	12,285	8,861	15,000	2,715
5500	MEDICAL SUPPLIES	435	0	100	0	100	0
5581	UNIFORMS/PROTECTIVE	31,799	35,477	29,033	15,548	34,500	5,467
5585	COMPUTER SUPPLIES	4,731	5,318	5,054	5,030	5,000	-54
5592	BOOKS/MANUALS/PERIOD	383	358	350	278	500	150
5710	VEHICLE USE REIMBURSE	691	913	310	356	400	90
5711	IN-STATE CONFERENCES	350	1,775	3,161	3,161	1,000	-2,161
5712	REFRESHMENTS/MEALS	0	390	749	149	0	-749
5730	DUES & SUBSCRIPTIONS	3,951	4,862	5,822	5,822	3,500	-2,322
5771	PROFESSIONAL LICENSE	1,789	1,057	2,010	1,936	1,600	-410
TOTAL EXPENSES		180,599	208,420	202,560	160,192	258,452	55,892
FRINGE BENEFITS							
57DENTAL	DENTAL INSURANCE	2,273	2,605	2,799	2,427	2,482	-317
57HLTH	HEALTH INSURANCE	65,964	112,584	126,641	102,733	187,534	60,893
57LIFE	BASIC LIFE INSURANCE	379	420	397	288	399	2
57MEDA	MEDICARE PAYROLL TAX	7,793	9,564	12,653	8,574	13,186	533
57OPEB	OPEB CONTRIBUTION	3,175	11,832	17,091	12,154	20,131	3,040
TOTAL FRINGE BENEFITS		79,583	137,006	159,581	126,176	223,732	64,150
DEBT AND CAPITAL							
58514	OFFICE EQUIPMENT	0	0	5,800	5,448	0	-5,800
58515	OFFICE FURNITURE	0	0	1,000	0	0	-1,000

CITY OF NEWTON BUDGET DEPARTMENTAL DETAIL
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	ACTUAL FY2015	ACTUAL FY2016	AMENDED 2017	YTD 4/4/2017	RECOMMENDED 2018	CHANGE 2017 to 2018
TOTAL DEBT AND CAPITAL	0	0	6,800	5,448	0	-6,800
TOTAL DPW ADMIN/SUPPT	950,606	1,140,267	1,341,533	984,308	1,575,476	233,943
0140103 - VEHICLE MAINT						
PERSONAL SERVICES						
511001 FULL TIME SALARIES	158,068	164,262	168,544	113,682	167,898	-646
511002 FULL TIME WAGES	773,991	726,780	864,942	550,813	870,552	5,610
513001 REGULAR OVERTIME	49,673	39,029	35,800	38,666	25,000	-10,800
514001 LONGEVITY	16,869	20,872	23,684	14,368	19,094	-4,590
515003 SPECIAL LEAVE BUY BAC	0	1,379	6,000	6,000	0	-6,000
515005 BONUSES	17,750	0	1,000	1,000	0	-1,000
515006 VACATION BUY BACK	0	1,438	8,487	8,487	0	-8,487
515101 CLOTHING ALLOWANCE	15,900	17,288	18,000	18,000	17,000	-1,000
TOTAL PERSONAL SERVICES	1,032,251	971,047	1,126,457	751,017	1,099,544	-26,913
EXPENSES						
52403 MOTOR VEHICLE R-M	148,141	119,224	109,918	103,827	120,000	10,082
52408 DEPARTMENTAL EQUIP R-	10,398	10,384	10,850	10,474	10,000	-850
5274 RENTAL - EQUIPMENT	4,788	5,787	5,350	4,788	5,850	500
5290 CLEANING/CUSTODIAL SV	1,494	0	600	405	1,600	1,000
5303 MOTOR VEHICLE INSPECT	1,613	1,070	3,000	2,225	2,000	-1,000
5432 SMALL TOOLS	4,374	3,818	4,875	1,557	5,000	125
5450 CLEANING/CUSTODIAL SU	1,706	683	2,000	1,985	2,000	0
5480 GASOLINE	97,062	76,133	100,000	81,147	85,000	-15,000
5481 DIESEL FUEL	199,858	140,449	141,782	127,798	145,000	3,218
5482 TIRES & TIRE SUPPLIES	27,493	53,726	30,285	22,133	40,000	9,715
5484 VEHICLE REPAIR PARTS	317,707	321,798	319,015	314,043	325,000	5,985
TOTAL EXPENSES	814,633	733,071	727,675	670,383	741,450	13,775
FRINGE BENEFITS						
57DENTAL DENTAL INSURANCE	6,461	6,488	6,311	4,413	4,738	-1,573
57HLTH HEALTH INSURANCE	237,380	235,408	241,392	159,548	224,967	-16,425
57LIFE BASIC LIFE INSURANCE	595	538	511	297	342	-169
57MEDA MEDICARE PAYROLL TAX	13,830	13,531	15,965	10,235	15,581	-384
57OPEB OPEB CONTRIBUTION	1,317	1,555	5,338	2,474	7,236	1,898
TOTAL FRINGE BENEFITS	259,583	257,520	269,517	176,967	252,864	-16,653
DEBT AND CAPITAL						
585011 USED AUTOS/LIGHT TRUC	86,244	173,226	88,128	20,000	100,000	11,872
58502 CONSTRUCTION EQUIPME	2,421	33,721	50,000	0	50,000	0
58507 VEHL MAINT GARAGE EQU	1,008	7,580	8,872	8,872	0	-8,872
TOTAL DEBT AND CAPITAL	89,673	214,527	147,000	28,872	150,000	3,000
TOTAL VEHICLE MAINT	2,196,141	2,176,165	2,270,649	1,627,239	2,243,858	-26,791

CITY OF NEWTON BUDGET DEPARTMENTAL DETAIL
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	ACTUAL FY2015	ACTUAL FY2016	AMENDED 2017	YTD 4/4/2017	RECOMMENDED 2018	CHANGE 2017 to 2018	
0140104 - STREET MAINT.							
PERSONAL SERVICES							
511001	FULL TIME SALARIES	414,021	430,600	473,583	323,395	493,043	19,460
511002	FULL TIME WAGES	1,639,989	1,882,565	2,680,290	1,299,201	2,655,777	-24,513
511003	WORK FOR OTHER DEPTS	0	0	-450,000	0	-200,000	250,000
511003A	UTILITY WORK	0	0	-225,000	0	-225,000	0
512001	SEASONAL WAGES	4,058	6,815	20,000	0	20,000	0
513001	REGULAR OVERTIME	23,717	36,729	13,993	2,516	20,000	6,007
513004	WORK BY OTHER DEPTS.	33,337	16,213	17,084	16,429	0	-17,084
5130CH90	DPW CH 90 PAYRL SUSPE	0	5,888	2,507	2,507	0	-2,507
514001	LONGEVITY	49,772	48,912	45,858	27,072	36,937	-8,922
515003	SPECIAL LEAVE BUY BAC	3,092	12,074	9,782	9,782	0	-9,782
515006	VACATION BUY BACK	8,480	23,729	23,096	23,096	0	-23,096
515101	CLOTHING ALLOWANCE	59,017	66,300	53,000	53,000	58,000	5,000
515102	CLEANING ALLOWANCE	0	4,000	3,750	3,750	0	-3,750
	TOTAL PERSONAL SERVICES	2,235,482	2,533,826	2,667,943	1,760,747	2,858,757	190,814
EXPENSES							
5210	ELECTRICITY	74,098	62,559	84,000	39,253	65,000	-19,000
5211	NATURAL GAS	53,952	39,652	51,868	39,006	35,000	-16,868
5230	WATER & SEWER SERVIC	12,725	19,084	25,910	11,968	26,910	1,000
52409	PUBLIC PROPERTY R-M	8,546	0	1,700	0	0	-1,700
5274	RENTAL - EQUIPMENT	0	0	600	0	0	-600
5310	BACKFLOW PREV INSPEC	0	325	90	90	0	-90
5390	POLICE PRIVATE DETAIL S	13,494	23,850	8,300	4,340	0	-8,300
5391	ROCK CRUSHING SVS	0	0	50,000	50,000	0	-50,000
5412	HEATING OIL	26,685	13,416	31,000	31,000	13,500	-17,500
5430	BUILDING MAINT SUPPLIE	0	2,718	2,510	0	5,000	2,490
5450	CLEANING/CUSTODIAL SU	6,500	0	5,773	5,341	5,000	-773
5460	GROUNDS MAINT SUPPLIE	0	338	3,277	1,068	5,000	1,723
5530	CONSTRUCTION SUPPLIE	93,035	78,110	136,000	124,833	100,000	-36,000
5531	PAVING SUPPLIES	262,747	177,422	131,983	131,983	270,000	138,017
5534	CURBING SUPPLIES	70,682	71,234	52,004	905	75,000	22,996
5712	REFRESHMENTS/MEALS	0	0	1,625	1,599	0	-1,625
	TOTAL EXPENSES	622,463	488,706	586,640	441,387	600,410	13,770
FRINGE BENEFITS							
57DENTAL	DENTAL INSURANCE	13,859	16,348	12,943	9,648	8,522	-4,421
57HLTH	HEALTH INSURANCE	579,781	721,472	726,296	442,054	622,104	-104,192
57LIFE	BASIC LIFE INSURANCE	1,457	1,605	1,135	675	798	-337
57MEDA	MEDICARE PAYROLL TAX	35,542	41,355	45,279	25,664	34,631	-10,648
57OPEB	OPEB CONTRIBUTION	17,891	21,973	50,327	15,302	51,544	1,217
	TOTAL FRINGE BENEFITS	648,531	802,753	835,980	493,343	717,599	-118,381
	TOTAL STREET MAINT.	3,506,476	3,825,285	4,090,564	2,695,477	4,176,766	86,202

CITY OF NEWTON BUDGET DEPARTMENTAL DETAIL
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		ACTUAL	ACTUAL	AMENDED	YTD	RECOMMENDED	CHANGE
		FY2015	FY2016	2017	4/4/2017	2018	2017 to 2018
0140105A - SUPPL STREET/SIDEWALK SVS							
PERSONAL SERVICES							
511001	FULL TIME SALARIES	25,435	56,169	61,691	46,544	0	-61,691
511102	PART TIME > 20 HRS/WK	16,470	31,840	31,480	156	0	-31,480
513001	REGULAR OVERTIME	11,437	2,377	1,000	471	0	-1,000
514001	LONGEVITY	875	875	900	900	0	-900
515102	CLEANING ALLOWANCE	0	550	1,000	1,000	0	-1,000
TOTAL PERSONAL SERVICES		54,217	91,811	96,071	49,071	0	-96,071
EXPENSES							
52409	PUBLIC PROPERTY R-M	805,914	905,263	994,983	993,250	0	-994,983
530203	ENGINEERING SERVICES	2,618	8,039	28,900	0	0	-28,900
5534	CURBING SUPPLIES	0	67,000	35,000	35,000	0	-35,000
TOTAL EXPENSES		808,531	980,302	1,058,883	1,028,250	0	-1,058,883
FRINGE BENEFITS							
57LIFE	BASIC LIFE INSURANCE	24	57	57	38	0	-57
57MEDA	MEDICARE PAYROLL TAX	669	1,296	1,003	1,037	0	-1,003
TOTAL FRINGE BENEFITS		693	1,352	1,060	1,074	0	-1,060
TOTAL SUPPL STREET/SIDEWALK SVS		863,441	1,073,466	1,156,014	1,078,396	0	-1,156,014
0140107 - STREET CLEANING							
PERSONAL SERVICES							
511002	FULL TIME WAGES	0	0	404,986	241,478	370,632	-34,354
513001	REGULAR OVERTIME	0	0	1,500	31,338	0	-1,500
514001	LONGEVITY	0	0	10,615	7,859	8,066	-2,549
515101	CLOTHING ALLOWANCE	0	0	7,000	7,000	7,000	0
TOTAL PERSONAL SERVICES		0	0	424,101	287,675	385,698	-38,403
EXPENSES							
52925	DISPOSAL-STREET SWEE	0	0	80,000	80,000	85,000	5,000
5535	SWEEPER/PARTS	0	0	31,735	17,002	30,000	-1,735
TOTAL EXPENSES		0	0	111,735	97,002	115,000	3,265
FRINGE BENEFITS							
57DENTAL	DENTAL INSURANCE	0	0	1,658	1,262	972	-686
57HLTH	HEALTH INSURANCE	0	0	92,566	42,642	70,309	-22,257
57LIFE	BASIC LIFE INSURANCE	0	0	341	184	228	-113
57MEDA	MEDICARE PAYROLL TAX	0	0	4,267	2,584	3,073	-1,193
57OPEB	OPEB CONTRIBUTION	0	0	1,848	225	4,456	2,608
TOTAL FRINGE BENEFITS		0	0	100,679	46,896	79,039	-21,640
TOTAL STREET CLEANING		0	0	636,515	431,573	579,737	-56,778

CITY OF NEWTON BUDGET DEPARTMENTAL DETAIL
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	ACTUAL FY2015	ACTUAL FY2016	AMENDED 2017	YTD 4/4/2017	RECOMMENDED 2018	CHANGE 2017 to 2018	
0140109 - STREET LIGHTING							
EXPENSES							
5210	ELECTRICITY	193,861	204,240	169,235	115,996	225,000	55,765
5211	NATURAL GAS	30,230	23,244	33,000	23,109	20,000	-13,000
52404	ELECTRICAL EQUIP R-M	64,621	77,805	135,495	135,495	90,000	-45,495
5301	CONSULTANTS	0	0	0	0	12,000	12,000
5431	ELECTRICAL SUPPLIES	0	0	765	765	0	-765
5595	GAS LAMP PARTS	4,119	3,026	13,469	9,832	6,000	-7,469
	TOTAL EXPENSES	292,831	308,315	351,964	285,196	353,000	1,036
	TOTAL STREET LIGHTING	292,831	308,315	351,964	285,196	353,000	1,036

CITY OF NEWTON BUDGET DEPARTMENTAL DETAIL
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		ACTUAL	ACTUAL	AMENDED	YTD	RECOMMENDED	CHANGE
		FY2015	FY2016	2017	4/4/2017	2018	2017 to 2018
0140110 - SNOW/ICE CONTROL							
PERSONAL SERVICES							
513001	REGULAR OVERTIME	1,163,330	580,184	801,895	720,669	200,000	-601,895
513001A	REG OVERTIME-BLDG/SC	138,847	132,905	151,300	180,094	33,300	-118,000
513001E	OVERTIME/VEH MAINT-SN	0	42,887	80,655	91,477	0	-80,655
513004	WORK BY OTHER DEPTS.	47,322	0	15,000	17,498	0	-15,000
514311	SNOW STAND-BY PAY	300,540	149,019	163,250	195,332	30,000	-133,250
514318	SNOW WATCH PAY	18,991	20,840	20,200	20,618	20,000	-200
514321	PROMPTNESS PAY STIPE	1,219	586	1,000	935	0	-1,000
TOTAL PERSONAL SERVICES		1,670,249	926,421	1,233,300	1,226,623	283,300	-950,000
EXPENSES							
52405	COMPUTER EQUIPMT R-M	0	0	378	537	0	-378
52409	PUBLIC PROPERTY R-M	4,640	6,953	1,041	3,041	0	-1,041
52410	SOFTWARE MAINTENANC	61,215	127,618	60,931	60,860	0	-60,931
5273	RENTAL - VEHICLES	2,970,825	631,345	97,980	1,117,519	200,000	102,020
5273A	RENTAL-VEH BLDG/SCHLS	913,557	751,209	2,119,267	650,280	100,000	-2,019,267
5273C	RENTAL-BOB CATS/SNOW	0	38,046	64,923	70,333	0	-64,923
53402	CELLULAR TELEPHONES	0	0	761	761	0	-761
5386	WEATHER FORECAST SV	1,495	1,495	4,700	4,591	1,700	-3,000
5460	GROUNDS MAINT SUPPLIE	3,140	0	2,650	2,650	0	-2,650
5480	GASOLINE	17,192	0	0	5,870	0	0
5481	DIESEL FUEL	80,835	0	0	13,786	0	0
5484	VEHICLE REPAIR PARTS	163,673	187,220	105,992	197,113	75,000	-30,992
5532	SAND & SALT	1,138,800	949,179	797,625	1,047,824	335,000	-462,625
5711	IN-STATE CONFERENCES	0	4,100	650	1,170	0	-650
5783	PRIVATE PROPERTY DAM	0	0	5,000	0	5,000	0
TOTAL EXPENSES		5,355,371	2,697,164	3,261,898	3,176,335	716,700	-2,545,198
FRINGE BENEFITS							
57MEDA	MEDICARE PAYROLL TAX	20,250	11,468	0	13,636	0	0
57OPEB	OPEB CONTRIBUTION	103	0	0	547	0	0
TOTAL FRINGE BENEFITS		20,353	11,468	0	14,183	0	0
DEBT AND CAPITAL							
58502	CONSTRUCTION EQUIPME	319,360	12,600	300,000	180,860	0	-300,000
TOTAL DEBT AND CAPITAL		319,360	12,600	300,000	180,860	0	-300,000
TOTAL SNOW/ICE CONTROL		7,365,334	3,647,653	4,795,198	4,598,000	1,000,000	-3,795,198

CITY OF NEWTON BUDGET DEPARTMENTAL DETAIL
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		ACTUAL	ACTUAL	AMENDED	YTD	RECOMMENDED	CHANGE
		FY2015	FY2016	2017	4/4/2017	2018	2017 to 2018
0140111 - SANITATION							
PERSONAL SERVICES							
511002	FULL TIME WAGES	979,730	230,169	235,810	172,451	235,106	-704
511101	PART TIME < 20 HRS/WK	11,198	0	7,056	6,318	15,000	7,945
512001	SEASONAL WAGES	13,155	0	4,150	0	0	-4,150
513001	REGULAR OVERTIME	127,713	75,886	38,467	34,052	35,000	-3,467
514001	LONGEVITY	23,823	11,671	4,865	3,785	5,465	600
514321	PROMPTNESS PAY STIPE	24	153	200	163	0	-200
515101	CLOTHING ALLOWANCE	16,950	2,250	4,000	4,000	4,000	0
TOTAL PERSONAL SERVICES		1,172,593	320,129	294,547	220,769	294,571	24
EXPENSES							
52408	DEPARTMENTAL EQUIP R-	2,660	2,468	10,000	7,685	10,000	0
52409	PUBLIC PROPERTY R-M	9,874	2,106	9,932	1,500	10,000	68
5274	RENTAL - EQUIPMENT	1,224	1,193	1,656	1,300	1,656	0
5292	SOLID WASTE COLL/DISP	3,797,477	3,697,341	3,814,777	3,630,482	4,257,751	442,974
52922	COLLECTION-RECYCLABL	2,552,150	3,027,180	3,121,375	2,878,658	2,949,450	-171,925
52924	PROCESSING RECYCLABL	373,016	475,560	563,848	560,844	407,100	-156,748
530203	ENGINEERING SERVICES	38,650	70,850	35,000	35,000	35,000	0
5317	MAILING SERVICES	0	0	2,500	0	2,500	0
5341	POSTAGE	0	0	0	0	14,000	14,000
5342	PRINTING	400	0	2,000	1,646	4,000	2,000
5382	PEST CONTROL SERVICE	894	821	1,000	0	1,000	0
5384	ANIMAL CARE	354	195	1,000	500	1,000	0
5432	SMALL TOOLS	1,041	507	1,850	636	1,500	-350
5712	REFRESHMENTS/MEALS	0	0	68	67	0	-68
5730	DUES & SUBSCRIPTIONS	0	0	250	250	16,000	15,750
TOTAL EXPENSES		6,777,739	7,278,220	7,565,256	7,118,568	7,710,957	145,701
FRINGE BENEFITS							
57DENTAL	DENTAL INSURANCE	5,505	1,726	1,759	1,286	1,831	72
57HLTH	HEALTH INSURANCE	229,422	59,226	61,014	44,587	63,454	2,440
57LIFE	BASIC LIFE INSURANCE	1,001	227	227	151	228	1
57MEDA	MEDICARE PAYROLL TAX	16,057	4,534	3,551	2,958	3,546	-4
57OPEB	OPEB CONTRIBUTION	2,620	1	0	3	0	0
TOTAL FRINGE BENEFITS		254,604	65,713	66,551	48,985	69,059	2,509
DEBT AND CAPITAL							
58527	TRASH RECEPTACLES	10,000	15,000	35,000	34,980	100,000	65,000
TOTAL DEBT AND CAPITAL		10,000	15,000	35,000	34,980	100,000	65,000
TOTAL SANITATION		8,214,937	7,679,062	7,961,354	7,423,303	8,174,587	213,233

CITY OF NEWTON BUDGET DEPARTMENTAL DETAIL
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		ACTUAL	ACTUAL	AMENDED	YTD	RECOMMENDED	CHANGE
		FY2015	FY2016	2017	4/4/2017	2018	2017 to 2018
0140112 - ENGINEERING SERVICES							
PERSONAL SERVICES							
511001	FULL TIME SALARIES	891,255	852,577	1,061,003	732,424	1,068,052	7,048
511102	PART TIME > 20 HRS/WK	34,846	18,581	0	0	35,066	35,066
512001	SEASONAL WAGES	0	0	2,000	1,315	0	-2,000
513001	REGULAR OVERTIME	13,440	11,726	15,000	15,413	13,000	-2,000
514001	LONGEVITY	7,706	6,825	6,925	4,050	10,000	3,075
515005	BONUSES	0	0	5,000	5,000	0	-5,000
515006	VACATION BUY BACK	9,333	6,887	4,265	4,265	0	-4,265
515101	CLOTHING ALLOWANCE	4,400	3,300	5,458	5,458	10,000	4,542
TOTAL PERSONAL SERVICES		960,981	899,895	1,099,652	767,925	1,136,118	36,466
EXPENSES							
5231	PERMIT FEES	0	0	125	0	125	0
530203	ENGINEERING SERVICES	1,880	12,720	114,125	72,519	450,000	335,875
5314	REGIST/RECORDING FEES	0	50	500	110	200	-300
5343	ADVERTISING/PUBLICATIO	212	2,009	2,365	0	2,000	-365
5420	OFFICE SUPPLIES	881	1,516	1,840	1,834	1,000	-840
5533	PAVING SUPPLIES OVERR	0	0	0	0	750,000	750,000
5581	UNIFORMS/PROTECTIVE	594	2,473	3,890	1,576	4,800	910
5587	ENGINEERING SURVEY S	2,459	4,478	6,410	6,239	4,000	-2,410
TOTAL EXPENSES		6,027	23,247	129,255	82,278	1,212,125	1,082,870
FRINGE BENEFITS							
57DENTAL	DENTAL INSURANCE	3,152	2,997	2,793	2,333	2,152	-641
57HLTH	HEALTH INSURANCE	104,683	101,038	148,952	80,202	127,051	-21,901
57LIFE	BASIC LIFE INSURANCE	458	420	397	307	513	116
57MEDA	MEDICARE PAYROLL TAX	12,362	11,742	13,469	9,934	13,907	438
57OPEB	OPEB CONTRIBUTION	2,080	3,748	12,427	2,244	10,740	-1,687
TOTAL FRINGE BENEFITS		122,735	119,945	178,038	95,019	154,363	-23,675
TOTAL ENGINEERING SERVICES		1,089,743	1,043,087	1,406,945	945,222	2,502,605	1,095,660

CITY OF NEWTON BUDGET DEPARTMENTAL DETAIL
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	ACTUAL FY2015	ACTUAL FY2016	AMENDED 2017	YTD 4/4/2017	RECOMMENDED 2018	CHANGE 2017 to 2018	
0140115 - TRANSPORTATION							
PERSONAL SERVICES							
511001	FULL TIME SALARIES	270,893	259,251	400,899	262,544	464,827	63,928
511002	FULL TIME WAGES	475,504	480,947	510,087	336,677	485,276	-24,811
513001	REGULAR OVERTIME	25,110	39,836	25,000	16,393	20,000	-5,000
513004	WORK BY OTHER DEPTS.	0	0	916	916	0	-916
514001	LONGEVITY	14,832	15,746	14,500	10,780	14,555	55
514321	PROMPTNESS PAY STIPE	0	0	100	31	0	-100
515006	VACATION BUY BACK	2,203	8,566	1,394	1,394	0	-1,394
515101	CLOTHING ALLOWANCE	9,450	10,550	8,000	8,000	10,000	2,000
515102	CLEANING ALLOWANCE	0	1,000	750	750	0	-750
TOTAL PERSONAL SERVICES		797,992	815,896	961,646	637,484	994,658	33,012
EXPENSES							
5210	ELECTRICITY	31,790	39,598	40,000	27,457	40,000	0
52404	ELECTRICAL EQUIP R-M	320,537	369,675	235,275	222,458	300,000	64,725
52409	PUBLIC PROPERTY R-M	82,828	199,740	67,123	29,895	125,000	57,877
5301	CONSULTANTS	0	0	2,500	2,500	0	-2,500
530203	ENGINEERING SERVICES	0	0	30,000	30,000	86,000	56,000
5313	TEMP STAFFING SERVICE	0	13,902	12,529	12,529	0	-12,529
5319	TRAINING EXPENSES	806	0	0	0	2,500	2,500
53405	PK METER COMM SVS	684	825	3,520	1,096	32,000	28,480
5342	PRINTING	0	0	2,500	0	2,000	-500
5343	ADVERTISING/PUBLICATIO	0	140	325	295	0	-325
5390	POLICE PRIVATE DETAIL S	0	0	17,200	16,955	0	-17,200
5392	PAVEMENT MARKING	0	5,311	113,222	126,112	225,000	111,778
5450	CLEANING/CUSTODIAL SU	706	545	1,040	915	1,000	-40
5530	CONSTRUCTION SUPPLIE	37,896	10,715	12,200	12,156	12,200	0
5543	PARKING METER PARTS	16,596	15,778	9,019	6,530	15,000	5,981
5548	SIGNS & SIGN PARTS	0	0	5,981	5,981	0	-5,981
5580	PUBLIC SAFETY SUPPLIES	33,581	32,708	32,201	23,946	80,000	47,799
TOTAL EXPENSES		525,425	688,936	584,635	518,825	920,700	336,065
FRINGE BENEFITS							
57DENTAL	DENTAL INSURANCE	2,969	3,330	3,726	2,244	1,510	-2,216
57HLTH	HEALTH INSURANCE	144,910	147,527	179,629	104,013	160,840	-18,789
57LIFE	BASIC LIFE INSURANCE	533	467	454	297	456	2
57MEDA	MEDICARE PAYROLL TAX	8,892	9,059	10,760	7,504	12,239	1,480
57OPEB	OPEB CONTRIBUTION	3,833	3,359	9,445	4,461	14,148	4,703
TOTAL FRINGE BENEFITS		161,137	163,742	204,014	118,519	189,194	-14,820
DEBT AND CAPITAL							
585899	OTHER CAP EQUIP <\$15,0	0	5,000	5,000	0	0	-5,000
TOTAL DEBT AND CAPITAL		0	5,000	5,000	0	0	-5,000
TOTAL TRANSPORTATION		1,484,554	1,673,574	1,755,295	1,274,827	2,104,552	349,257
TOTAL PUBLIC WORKS DEPARTMENT		25,964,062	22,566,873	25,766,031	21,343,542	22,710,581	-3,055,450



Public Facilities Committee Budget Report

City of Newton In City Council

Thursday, April 27, 2017

Present: Councilors Crossley (Chair), Albright, Laredo, Lennon, Brousal-Glaser, Danberg

Also Present: Councilors Leary, Sangiolo, Auchincloss

City staff present: Commissioner of Public Works Jim McGonagle, Public Works Director of Operations Shane Mark, City Engineer Lou Taverna, Director of Transportation Nicole Freedman, Recycling Manager/Director of Environmental Affairs Waneta Trabert, DPW Director of Finance Rob Symanski

Referred to Finance and Appropriate Committees

#359-16 **Submittal of the FY 2018 to FY 2021 Capital Improvement Plan**
HIS HONOR THE MAYOR submitting the Fiscal Years 2018 to 2022 Capital Improvement Plan pursuant to section 5-3 of the Newton City Charter. [10/11/16 @ 11:28 AM]

Referred To Finance and Appropriate Committees

#359-16(2) **Submittal of the FY 2018 Municipal/School Operating Budget**
HIS HONOR THE MAYOR submitting in accordance with Section 5-1 of the City of Newton Charter the FY18 Municipal/School Operating Budget totaling \$395,313,737 passage of which shall be concurrent with the FY18-FY22 Capital Improvement Program (#359-16). [04/10/17 @ 2:42 PM]
EFFECTIVE DATE OF SUBMISSION 04/18/17; LAST DATE TO PASS THE BUDGET 06/02/17

Referred To Finance and Appropriate Committees

#359-16(4) **Submittal of the FY 2018 – FY 2022 Supplemental Capital Improvement Plan**
HIS HONOR THE MAYOR submitting the FY 2018 – FY 2022 Supplemental Capital Improvement Plan. [04/10/17 @ 2:42 PM]

Note: Department of Public Works Budget Commissioner Jim McGonagle provided an overview of accomplishments for FY17 and expressed appreciation for the support received throughout the year from the Council.

FY17 ACCOMPLISHMENTS

- Construction of 8 miles of newly paved roadway and 2 miles of sidewalks
- Installation of 200 ADA ramps throughout the City
- Implementation of a Recycling Program
- Sustainable Materials Management Report: Findings & Recommendations

- Reconvening of the Solid Waste Commission
- Parking Meters Upgraded/Pay by Cell Installed in City meters
- New Parking Kiosks will be installed at Austin Street by end of FY17
- Improved coordination with Engineering and Planning respective to City projects, planning process and community outreach
- Switch to use of Biodiesel throughout City fleet
- Third electrical charging station has been installed at City Hall
- Receipt of a grant for the first fully electric shared use vehicle, which reduces the cost of the vehicle by 50%. Reservations to use the vehicle by different departments can be made electronically
- Improvements with ISD & Engineering related to timely and accurate permitting
- Elliot street bridge project will be completed, ahead of schedule. Some additional time and funds were spent to remove trolley tracks embedded in concrete on the bridge.
- Begin Implementation of Complete Streets approach to rehabilitating roadways
- Customer Service efforts to streamline the process and reduce the number of complaints
- Hired a Transportation Director

Village Enhancements

- Auburndale Square roadway and sidewalk improvements are complete
- Harvard Street / Washington Street intersection signals will be in place and functional by summer. The City received \$400,000 for this project with the adoption and application of the Complete Streets policy.
- Newtonville/Walnut Street Enhancements are beginning; designs are approved, the second community meeting is scheduled
- Dedham Street /Nahanton Street design is approved, bid documents are being prepared and construction will start by the end of the year
- Purchase of fleet management software to track repairs and maintenance and develop a fleet maintenance program
-

FY18 GOALS

Highway Department

The DPW is working on an enhanced work order system for engineering, the highway department and fleet management. The software can be customized to include additional divisions if necessary and is capable of tracking fuel usage and financial information.

The Commissioner noted that the Highway Department is going to focus on small sections of sidewalk repair and the installation of 270 ADA ramps in FY18. While last year they covered two miles of sidewalk, it is estimated that they will repair 7.3 miles in FY18. Additionally, DPW has begun to evaluate City parking lots and plan to begin repairing them at a rate of two per year.

Sanitation

- Improve curbside collection efficiency
- Increase recycling tonnage, reduce trash tonnage

- Increase education and outreach. It was noted that Recycling Manager/Director of Environmental Affairs Waneta Trabert has already developed an outreach program; the goal is to implement that program

Recycling Manager/Director of Environmental Affairs Waneta Trabert confirmed the availability of and her interest in pursuing a grant to support a Pilot Program for curbside organic pickup. She noted that there is a June 14 deadline to apply for the grant which can range from \$10,000 - \$500,000. She noted that the grant can cover up to 15% of non-capital costs (i.e. a staff person to support the program) and the other funds can cover new carts or collection. The Chair stated that there is a docket item related to the implementation of a curbside organic program that can be taken up in June so that she can provide an update.

A Councilor questioned why solid waste is no longer being tracked as a percentage. Ms. Trabert noted that tracking solid waste/recycling as a percentage does not provide useful data. She finds that tracking with specific tonnage is a more relatable figure. She hopes to work to decrease trash tonnage from 1237 pounds to 1100 pounds or less per household while increasing the number of recycled pounds per household from 720 to 800.

Ms. Trabert confirmed that in FY17, \$212,000 was spent on the collection of yard waste. She noted that the number is skewed high however, because the City expended funds to eliminate residual yard waste. She confirmed that FY18 would be representative of a typical amount of yard waste. A Councilor suggested that returning some compost to the City could be beneficial for resident use.

Transportation

- Expand bike transportation program
- Continue Village improvement projects
- Parking kiosk installation
- Continue traffic calming/street improvements
- Purchase equipment to analyze transportation solutions to mitigate the need to hire consultants
- Complete Washington Street/Harvard Street intersection
- Complete Dedham Street/Nahanton Street intersection.
- Develop strategy and continue work on pavement markings

Commissioner McGonagle noted that DPW is working with Planning to develop comprehensive and coherent plans for streetscape designs. He stated that improvements in West Newton will finish in spring 2018 as the Newtonville redesign begins.

Commissioner McGonagle stated that 38% of pavement markings in the City are in poor condition. The cost estimate to repair 42 miles of long lines is \$115,000. The Commissioner noted that DPW intends to focus on repainting markings in school areas and village centers in addition to primary crosswalks. Committee members noted that some school zones and village centers were completed in FY17. It was stated that some high traffic areas may have to be relined annually. By using thermoplastic and covering as many pavement markings as possible, Commissioner McGonagle hopes that the City can reach a point where they are maintaining the pavement

markings, not catching up. Committee members asked what the total cost would be to complete 100% of the pavement markings. The Commissioner confirmed that information can be provided after the evaluation is complete. A Committee member urged that the department create a consistent plan for pavement markings, specifically for crosswalks. The Commissioner confirmed that Nicole Freedman will be developing a plan for pavement markings and overseeing the work. It was noted that where there were issues with prior pavement marking contractors, the City now allows for two alternate contractors in the event that any work is not up to City standards.

Committee members questioned whether parking meter numbers will be visible from inside the vehicle. Director of Transportation Nicole Freedman confirmed that there will be signs that will be visible from the car. Ms. Freedman noted that the City is working with BRIDJ to discuss the possibility of providing a shuttle during peak commuting hours and during the lunch hour in order to reduce the number of trips, particularly on Wells Avenue. The shuttle would pass through several communities during the commuting hours.

A Councilor asked how the department will be handling the undergrounding of utilities as they redo City Streets. Commissioner McGonagle confirmed that DPW is meeting on a monthly basis to coordinate with the utilities but cannot require the utilities to make a change unless there is an immediate hazard. DPW Director of Operations stated that the Double Pole Working Group will be transitioning to handle additional miscellaneous utility issues.

With regard to underground lighting connections, Eversource has resolved the issues that are their responsibility. There remain 50 faulty underground connections from the original 90, that the department will repair. Each underground repair is unique, however, and some more difficult to diagnose. Ms. Freedman stated that the City is receiving reimbursements for faulty fixtures and the labor associated with such repairs. The Chair requested that Ms. Freedman provide a summary of the status of the City's streetlights in the near future.

Engineering

Commissioner McGonagle stated that improving the timing and accuracy of permitting in the Engineering Department has been a focus in FY17. The Engineering Department will now be responsible for overseeing paving projects. In FY18 it is estimated that 6.6 miles of road will be repaired to Complete Streets Standards; roadway, signage, sidewalks, curbing, ADA ramps, etc. Based on the bids received, the Commissioner expects that DPW will be able to add additional mileage. Additionally, the City intends to significantly increase maintenance with help from Beta (pavement maintenance contractor). The bids for 40 miles of maintenance have just been put out and information is expected back this summer.

Councilors were supportive of the Street Scan data analysis and questioned whether a ten year plan would be made available. Commissioner McGonagle noted that he has been reluctant to release a ten year plan as priorities may change relative to City projects, utility company work, and/or emergency (leak) situations. He confirmed that he would release the information, but emphasized that the order of streets could be changed.

Fleet Development

Commissioner McGonagle noted that the department is working to build and enhance the City's fleet. New software has been purchased to track hours of use, age of equipment, condition, and maintenance to identify objective data for the grading of equipment. The Commissioner noted that after the equipment is inventoried, he intends to present the data before the CIP is issued in October. He noted that investing at the constant rate of \$300,000/year is inadequate if the City hopes to have a fleet where no vehicles are older than ten years. He estimates that the initial investment cost would be around 3 million dollars per year, but confirmed that he will have more information with the completion of the fleet analysis.

Committee members agreed that purchasing new equipment may result in added cost but future benefits. It was noted that there are cost savings that result from having newer equipment (i.e. greater fuel efficiency, less repair, continuity of operations). Committee members acknowledged that a significant investment may be required to revitalize the fleet and urged the Commissioner to think about the big picture during the evaluation and planning process. Commissioner McGonagle confirmed that the department is having internal discussions regarding what type of equipment is needed and have had several trials to determine what works well. DPW has recently hired an Assistant Fleet Superintendent with extensive knowledge of industry standards. The Commissioner believes that the new Assistant Superintendent will be instrumental in training staff how to better utilize equipment.

Commissioner McGonagle noted that the ice melters purchased several years ago have not been very successful. Committee members suggested that any equipment that is not useful to the department be sold. The Commissioner stated that the City does use a municipal auction site for equipment and sold a used trammel screener for \$85,000. He noted that Utilities have had a system in place for tracking the repair/replacement of their equipment and do not require as much. Utilities have requested two new dump trucks that can also be used as sand spreaders.

Stormwater

DPW Director of Finance Rob Symanski confirmed that there will be no change to the storm water rates except if the impervious surface has increased from FY17. He noted that this year is the first year with an increase in debt service. While the level of storm water capital investments is not increasing in FY18, Commissioner McGonagle expects that it must in the future. He noted that they did not want to increase the level of work in FY18 to allow an adjustment period for both the storm water rates and implementation of more stringent NPDES (water quality) regulations.

Commissioner McGonagle noted that in FY18, DPW plans to replace the drainage systems on Dedham Street and Adams Street, Hammond Brook pipes, the Forest Grove Pump Station, and the Laundry Brook Culvert.

He noted that the NPDES (National Pollutant Discharge Elimination System) regulations go into effect this year and the City has already passed an Ordinance prohibiting Illicit Discharges to the Storm Drain System in order to comply. The DEP requires quarterly dry weather and wet

weather water flow testing. The City has been collecting data for testing and has hired a contractor for \$20,000 to collect the samples for submission to the DEP. The City is developing a plan to submit to the DEP to tell them how the City plans to improve water quality at the outflows. \$100,000 will be used to begin investigating outflows into the Charles River. Director of Utilities Ted Jerdee noted that a Notice of Intent will be submitted in September 2017 to be followed one year later by a complete storm water plan.

Sewer

The Commissioner noted that inflow and infiltration work in project areas 3 and 4 is complete with construction in project area 5 to start in FY18. In FY18 the engineering design for area 6 and investigation in area 7 will also begin. It was noted that equipment is being replaced in some pump stations and that the SCADA (electronic pump monitoring system) analysis and update is complete.

Water

Commissioner McGonagle noted that the Lead Service Replacement Program is on schedule to be completed by June 2018. Of the 570 residents who were identified as eligible for the program who were sent certified letters, the City has received responses from approximately half. It is expected that the funding will be available by the end of May and the DPW has a contractor ready to begin work.

Committee members asked about the status of the Waban Hill Reservoir. Commissioner McGonagle noted that because the infrastructure is 120 years old, MWRA required the City to replace broken valves and add missing gate valves to allow the reservoir to be shut down for leak testing.

Mr. Jerdee stated that unaccounted water in the City is down to 30% from 34% in recent years. He noted that the City is in year 5/20 of a plan to identify and replace the most leak prone pipes. Leak testing is not conducted twice per year. It was stated that most of the leaks come from City owned lateral connections. Committee members questioned whether the City should require inspection upon the sale of a house to promote replacements. This is a docket item from 2013 that makes sense to revisit soon as other elements of the strategic plan are being implemented. Mr. Jerdee noted that the recently passed IDDE Ordinance does allow the City to shut water off for inspection, repair or replacement of pipes; which should help identifying areas of concern.

Commissioner McGonagle noted that turnover from retirements and employee loss has resulted in some cost savings from hiring new staff at a lower rate. During FY17 budget, there were 30 vacancies and at present there are only 14 vacancies. Some potential staff members were not hired for laborer positions because they did not have their Commercial Drivers License. The department has worked with the union and Human Resources to create a provision allowing a

laborer to be hired without a CDL as long as they obtain it within six months. The City will provide the vehicles and the training.

One of the biggest changes in the budget was the shift in funds from vehicle maintenance to street maintenance. Committee members noted that it would be helpful to see a narrative detailing the transfer of funds. Councilors were very appreciative of the quality of the data and the work presented by each Public Works Division. A straw vote was unanimous in favor of approving the FY18 Department of Public Works Budget.

Respectfully submitted,

Deborah J. Crossley, Chair

