Appendix 1

MARKHAM

CITY OF MARKHAM - 2016 PRIMARY OPERATING BUDGET

(Incl. Library, excl. Planning & Design, Engineering, Building Standards and Waterworks)

Description	2015 Budget	2016 Budget	2016 Bud. vs. 2015 Bud. $ Incr./(Decr.)	2016 Bud. vs. 2015 Bud. % Change
Revenues				
TAX LEVIES	$136,791,439	$139,435,417	$2,643,978	1.9%
2.28% PROPERTY TAX RATE INCREASE	0	3,035,235	3,035,235	0.0%
0.16% PROPERTY TAX RATE INCREASE - 2013 ICE STORM (YEAR 3 OF 3)	0	223,000	223,000	0.0%
PAYMENTS-IN-LIEU OF TAXES	1,209,007	1,209,007	0	0.0%
GRANTS AND SUBSIDIES	1,539,126	1,596,143	57,017	3.7%
LICENCES & PERMITS	1,665,133	1,854,870	189,737	11.4%
INTEREST & PENALTIES	3,500,000	3,800,000	300,000	8.6%
INCOME FROM INVESTMENTS	22,780,375	21,619,821	(1,160,554)	-5.1%
FINES	2,449,230	3,059,230	610,000	24.9%
USER FEES & SERVICE CHARGES	15,886,894	16,393,078	506,184	3.2%
RENTALS	7,726,227	8,293,579	567,352	7.3%
SALES	635,586	698,687	63,101	9.9%
RECOVERIES & CONTRIBUTIONS	1,675,227	1,815,202	139,975	8.4%
OTHER INCOME	3,437,507	3,504,086	66,579	1.9%
Total Revenues	**$199,295,751**	**$206,537,355**	**$7,241,604**	**3.6%**
Expenses				
SALARIES AND BENEFITS	$116,545,345	$121,160,923	$4,615,578	4.0%
PRINTING & OFFICE SUPPLIES	597,329	584,838	(12,491)	-2.1%
PURCHASES FOR RESALE	332,326	381,174	48,848	14.7%
OPERATING MATERIALS & SUPPLIES	2,949,982	2,619,181	(330,801)	-11.2%
VEHICLE SUPPLIES	1,776,847	1,633,464	(143,383)	-8.1%
SMALL EQUIPMENT SUPPLIES	5,471	5,568	97	1.8%
BOTANICAL SUPPLIES	253,079	228,579	(24,500)	-9.7%
CONSTRUCTION MATERIALS	1,709,928	1,827,150	117,222	6.9%
UTILITIES	6,582,310	7,776,367	1,194,057	18.1%
COMMUNICATIONS	1,397,011	1,400,592	3,581	0.3%
TRAVEL EXPENSES	389,629	386,225	(3,404)	-0.9%
TRAINING	783,459	784,111	652	0.1%
CONTRACTS & SERVICE AGREEMENTS	6,198,315	6,106,627	(91,688)	-1.5%
MAINTENANCE & REPAIRS	5,075,546	5,944,120	868,574	17.1%
RENTAL/LEASE	663,925	669,108	5,183	0.8%
INSURANCE	2,267,919	2,267,919	0	0.0%
PROFESSIONAL SERVICES	2,654,817	2,765,011	110,194	4.2%
LICENCES, PERMITS, FEES	784,241	794,745	10,504	1.3%
CREDIT CARD SERVICE CHARGES	219,313	270,739	51,426	23.4%
PROMOTION & ADVERTISING	1,275,560	1,299,060	23,500	1.8%
CONTRACTED MUNICIPAL SERVICES	10,445,744	10,691,032	245,288	2.3%
OTHER PURCHASED SERVICES	1,142,924	1,226,683	83,759	7.3%
PROPERTY TAX ADJUSTMENTS	437,100	525,100	88,000	20.1%
OTHER EXPENDITURES	3,420,219	3,493,152	72,933	2.1%
TRANSFERS TO RESERVES	31,387,412	31,695,887	308,475	1.0%
Total Expenses	**$199,295,751**	**$206,537,355**	**$7,241,604**	**3.6%**
Surplus/(Deficit)	-	-	-	

CITY OF MARKHAM - 2016 OPERATING BUDGET
Library

Description	2015 Budget	2016 Budget	2016 Bud. vs. 2015 Bud. $ Incr./(Decr.)	% Change
Revenues				
GRANTS AND SUBSIDIES	$228,778	$228,778	$0	0.0%
USER FEES & SERVICE CHARGES	728,463	735,085	6,622	0.9%
RENTALS	49,770	49,770	0	0.0%
SALES	75,586	75,586	0	0.0%
Total Revenues	**$1,082,597**	**$1,089,219**	**6,622**	**0.6%**
Expenses				
SALARIES AND BENEFITS (INCL. PERSONNEL RAMP-UPS)	$11,188,721	$11,546,172	$357,451	3.2%
PRINTING & OFFICE SUPPLIES	37,512	37,512	0	0.0%
OPERATING MATERIALS & SUPPLIES	152,824	152,824	0	0.0%
UTILITIES	152,214	152,214	0	0.0%
COMMUNICATIONS	83,380	83,380	0	0.0%
TRAVEL EXPENSES	40,720	40,720	0	0.0%
TRAINING	48,017	48,017	0	0.0%
CONTRACTS & SERVICE AGREEMENTS	209,612	209,612	0	0.0%
MAINTENANCE & REPAIRS	222,061	227,061	5,000	2.3%
RENTAL/LEASE	12,308	12,308	0	0.0%
INSURANCE	11,963	11,963	0	0.0%
PROFESSIONAL SERVICES	51,818	51,818	0	0.0%
LICENCES, PERMITS, FEES	11,020	11,020	0	0.0%
CREDIT CARD SERVICE CHARGES	6,000	6,000	0	0.0%
PROMOTION & ADVERTISING	29,454	29,454	0	0.0%
OTHER PURCHASED SERVICES	714,308	714,308	0	0.0%
OTHER EXPENDITURES	4,934	4,934	0	0.0%
Total Expenses	**$12,976,866**	**$13,339,317**	**362,451**	**2.8%**
Net Expenditures/(Revenues)	**$11,894,269**	**$12,250,098**	**355,829**	**3.0%**

CITY OF MARKHAM
2016 CAPITAL AND OTHER PROGRAMS BUDGET
by Department

#	Project Description	Total	Operating Non-Life Cycle	Operating Life Cycle	DC - Reserve	DC - Developer	Other	Description of Other Funding
Projects Under Consideration								
Development Services								
Planning								
16001	Consolidated Zoning By-law Program - Phase 3 of 4	882,500					882,500	80% Build. Fees, 20% Dev. Fees
16002	Consultant Studies	100,000			90,000		10,000	Development Fees
16003	Designated Heritage Property Grant Program	30,000					30,000	DHPG Reserve
16004	Future Urban Areas - Phase 4 of 5	310,000			279,000		31,000	Development Fees
16005	Growth Monitoring Program & Data Collection	20,000			18,000		2,000	Development Fees
16006	Heritage Façade Improvements/Sign Replacement	25,000	25,000					
16007	OMB Official Plan & Growth Related Hearings	500,000			450,000		50,000	Development Fees
16008	Parks/Open Space Acquisition, Design & Improvement Plan	110,800			99,720		11,080	Development Fees
16009	Population and Employment Forecasting	100,000			90,000		10,000	Development Fees
	TOTAL Planning	**2,078,300**	**25,000**	**-**	**1,026,720**	**-**	**1,026,580**	
Design								
16010	Berczy Beckett East Parkette - Construction	392,000			352,800		39,200	Non-DC Growth
16014	Berczy Beckett Neighborhood Park - Construction	735,000	73,500		661,500			
16017	Berczy Beckett NW Parkette - Construction	245,000	24,500		220,500			
16019	Box Grove Hill S. E. Park - Construction	911,400			820,260		91,140	Non-DC Growth
16021	Box Grove Rizal Avenue Neighbourhood Park - Construction	1,371,900			1,234,710		137,190	Non-DC Growth
16022	Carlton Park Master Plan	48,100	4,810		43,290			
16023	Cornell Madison Rouge / Riverlands - Construction	352,800	35,280		317,520			
16024	Cornell Madison Rouge Blvd. Park North - Construction	392,000	39,200		352,800			
16026	Cornell Madison Rouge Blvd. Park South - Construction	392,000	39,200		352,800			
16028	Design Internal Project Management	1,151,500	89,160		1,036,350		25,990	Non-DC Growth
16029	Greensborough Williamson Road Neighborhood Park - Design	125,400			112,860		12,540	Non-DC Growth
16030	Leitchcroft Community Park Phase 2 of 2 - Construction	1,469,900			1,322,910		146,990	Non-DC Growth
16035	Upper Greensborough Fimco Cres. Park - Design & Construction	489,600	48,960		440,640			
16036	Upper Greensborough Parkway Park - Design	86,500	8,650		77,850			
16037	Park Signage Implementation Program - Phase 1 of 3	113,800	11,380		102,420			
16038	Box Grove Community Park East (Phase 1) - Construction	2,472,800	247,280		2,225,520			
	TOTAL Design	**10,749,700**	**621,920**	**-**	**9,674,730**	**-**	**453,050**	
Engineering								
16039	Cycling Awareness Program	128,700	86,229		42,471			
16042	Highway 7 Streetscaping	3,296,700			3,296,700			

CITY OF MARKHAM
2016 CAPITAL AND OTHER PROGRAMS BUDGET
by Department

#	Project Description	Total	Operating Non-Life Cycle	Operating Life Cycle	DC - Reserve	DC - Developer	Other	Description of Other Funding
16043	Illumination	1,637,400			1,128,219		509,181	Non-DC Growth
16044	Intersection Improvements	479,000			479,000			
16046	Miller Avenue - Warden to Birchmount - Phase 1 (Property)	1,857,400			1,857,400			
16047	Miller Avenue - Woodbine Ave. to Rodick (Construction)	8,630,700			7,153,700		1,477,000	Carry Forward
16048	Multi-Use Pathways (Phase 3 of 4)	3,241,700			1,134,595		2,107,105	Non-DC Growth
16049	Sidewalk Program	1,645,900			1,234,425		411,475	Non-DC Growth
16050	Smart-Commute Markham - Richmond Hill	87,600			87,600			
16051	Special Projects Engineering Salary Recovery	315,000			315,000			
16052	Verclair Crossing at Rouge River (Construction)	9,545,900			9,545,900			
16053	Anti-Whistling - Stouffville GO Line	800,000	482,100				317,900	Anti-Whistling Reserve
16251	Strategic Regional Research Alliance (SRRA)	30,000			30,000			
	TOTAL Engineering	**31,696,000**	**568,329**	**-**	**26,305,010**	**-**	**4,822,661**	
	TOTAL Development Services	**44,524,000**	**1,215,249**	**-**	**37,006,460**	**-**	**6,302,291**	
	CAO, Legal, HR, & Sustainability Office							
	Sustainability Office							
16054	Bayview Glen SNAP - Parks Revitalization (Glencrest)	92,500	38,429				54,071	Don Watershed
16055	Centralized Building Automation System	106,300					106,300	MECO
16056	PowerStream Embedded Energy Projects	150,600	150,600					
	TOTAL Sustainability Office	**349,400**	**189,029**	**-**	**-**	**-**	**160,371**	
	TOTAL CAO, Legal, HR, & Sustainability Office	**349,400**	**189,029**	**-**	**-**	**-**	**160,371**	
	Corporate Services							
	ITS							
16057	Planning - 3D Modelling Program	74,300					74,300	Development Fees
16058	Planning - AutoStore software for MFD	40,700					40,700	Development Fees
16059	Engineering - Bentley Power InRoads Software	18,300					18,300	Development Fees
16060	Building - Electronic Plan Implementation (Phase 3)	396,900					396,900	Building Fees
16061	By-Law Licencing and Enforcement Handheld Units	75,600	75,600					
16062	Legislative Services - ACR Replacement/CRM System	1,250,300	625,300				625,000	CF 13811 $320k, DF $235k, WW $70k
16063	Legislative Services - Records Retrieval System Replacement	108,900	108,900					
16064	Theatre Ticketing System Assessment	24,900	24,900					
16065	Customer payment card scanners (Phase 2 of 2)	40,700	40,700					
16066	Library - Symphony to Blue Cloud Migration (Phase 2 of 2)	38,200	38,200					
16067	Fire - Second Network Provider to all Stations	52,900	52,900					
16068	WW - ArcGIS Licenses	32,600					32,600	Waterworks Reserve

CITY OF MARKHAM
2016 CAPITAL AND OTHER PROGRAMS BUDGET
by Department

#	Project Description	Total	Operating Non-Life Cycle	Operating Life Cycle	DC - Reserve	DC - Developer	Other	Description of Other Funding
16069	WW - BPMS Portal Interface	25,400					25,400	Waterworks Reserve
16070	WW - Hansen 8 Upgrade	234,000					234,000	Waterworks Reserve
16071	WW - Hansen/EAM and ON1Call Integration	147,600					147,600	Waterworks Reserve
16072	WW - Intelex V6 Customization & Module Implementation	16,300					16,300	Waterworks Reserve
16073	Core IT Infrastructure	676,400		533,357			143,043	Dev. Fees $100k, WW $43k
16074	Customer Engagement Tech. Implementation - Phase 2 of 2	50,900	50,900					
16075	IT Internal Project Management	109,400		86,428			22,972	Dev. Fees $11k, WW $11k
	TOTAL ITS	**3,414,300**	**1,017,400**	**619,785**	**-**	**-**	**1,777,115**	
	Finance							
16076	Internal Project Management	922,900			922,900			
16077	Investment in Markham District Energy Inc.	4,000,000					4,000,000	Gas Tax
	TOTAL Finance	**4,922,900**	**-**	**-**	**922,900**	**-**	**4,000,000**	
	TOTAL Corporate Services	**8,337,200**	**1,017,400**	**619,785**	**922,900**	**-**	**5,777,115**	
	Community & Fire Services							
	Culture							
16078	Culture Public Art Program	395,000	45,000			150,000	200,000	Ramp up $67k, Can.150 Grant $133k
	TOTAL Culture	**395,000**	**45,000**	**-**	**-**	**150,000**	**200,000**	
	Museum							
16079	Museum - Wilson Variety Hall Repairs	152,300		152,300				
16080	Museum Site and Facility Maintenance and Improvements	200,200		200,200				
	TOTAL Museum	**352,500**	**-**	**352,500**	**-**	**-**	**-**	
	Theatre							
16081	Theatre Inclined Platform Lift Replacement	32,600		32,600				
16082	Theatre Stage and Audio Visual equipment replacement	157,600		157,600				
16083	Theatre Stage Floor Replacement	63,200		63,200				
16084	Theatre Washroom Upgrades (Phase 1 of 2)	148,000		148,000				
	TOTAL Theatre	**401,400**	**-**	**401,400**	**-**	**-**	**-**	
	Arts Centres							
16085	Gallery Kathleen McKay Accessibility and Upgrades	48,300		48,300				
16086	Gallery Washrooms	60,800		60,800				
16087	Gallery Window/Door/Envelope Repair	32,600		32,600				
	TOTAL Arts Centres	**141,700**	**-**	**141,700**	**-**	**-**	**-**	

CITY OF MARKHAM
2016 CAPITAL AND OTHER PROGRAMS BUDGET
by Department

#	Project Description	Total	Operating Non-Life Cycle	Operating Life Cycle	DC - Reserve	DC - Developer	Other	Description of Other Funding
	Fire & Emergency Services							
16088	Bunker Gear Life Cycle Replacement	27,900		27,900				
16089	Fire Station Renos for Gender Diversity - Phase 1 of 2	1,333,800					1,333,800	Ramp Up Reserve
16090	Firefighting Tools & Equipment Replacement	97,500		97,500				
16091	Replacement of Equipment due to Staff Retirements	95,400	95,400					
16092	Rescue Equipment - Thermal Camera	11,500		11,500				
	TOTAL Fire & Emergency Services	**1,566,100**	**95,400**	**136,900**	**-**	**-**	**1,333,800**	
	Recreation Services							
16093	Angus Glen Air Handling Unit #8	144,500		144,500				
16094	Angus Glen C.C. Boiler Pumps	24,400		24,400				
16095	Angus Glen C.C. Dasher Board Refurbish	24,800		24,800				
16096	Armadale C.C. Facility Painting	46,500		46,500				
16097	Camps and Programs Review	40,700	40,700					
16098	Centennial C.C. - Kubota with Snow Blower and Snow Blade	24,700		24,700				
16099	Centennial C.C. - Maintenance Equipment	24,100		24,100				
16100	Centennial C.C. Arena Lighting Retrofit	50,900		50,900				
16101	Centennial C.C. Domestic Hot Water Recirculation Pumps	18,300		18,300				
16102	Centennial C.C. Entrance Carpet Replacement	5,900		5,900				
16103	Centennial C.C. Painting	80,700		80,700				
16104	Clatworthy Arena Furnace replacement	67,200		67,200				
16105	Clatworthy Arena Ride on Floor Machine	17,900		17,900				
16106	Crosby Arena Boardroom Carpet	9,300		9,300				
16107	Crosby Arena Chain Link Fence Replacement	8,100		8,100				
16108	Crosby Arena Exhaust Fan Replacement	19,600		19,600				
16109	Crosby Arena First Aid Room Renovation	13,200		13,200				
16110	Crosby Arena Hardwood Floor Refurbishment	7,600		7,600				
16111	Crosby Arena Lighting Project	32,300		32,300				
16112	Crosby Arena snow breaks and water drainage	19,400		19,400				
16113	Markham Village Rink Boards	23,400		23,400				
16114	Markham Village Rubber Flooring	56,900		56,900				
16115	Milliken Mills C.C. Condensor replacement	86,500		86,500				
16116	Milliken Mills C.C. External Library walls	244,000		244,000				
16117	Milliken Mills CC Pool Vacuum Replacement	10,700		10,700				
16118	Milliken Mills CC Audio equipment	5,600		5,600				
16119	Milliken Mills CC Exhaust fans	17,900		17,900				
16120	Milliken Mills CC fire sprinkler project	151,100		151,100				

CITY OF MARKHAM
2016 CAPITAL AND OTHER PROGRAMS BUDGET
by Department

#	Project Description	Total	Operating Non-Life Cycle	Operating Life Cycle	DC - Reserve	DC - Developer	Other	Description of Other Funding
16121	Milliken Mills CC washroom fixtures	43,300		43,300				
16122	Milliken Mills Soccer Dome Sealant	12,200		12,200				
16123	Mount Joy C.C. Condenser Replacement	71,200		71,200				
16124	Mount Joy C.C. Main entrance door replacement	20,100		20,100				
16125	Mount Joy C.C. Rubber Flooring	45,800		45,800				
16126	Mount Joy C.C. Steel doors and frames	25,400		25,400				
16127	Mt Joy Audio System upgrade replacement	7,200		7,200				
16128	Old Unionville Library C.C. Exterior Refurbishments	14,200		14,200				
16129	Old Unionville Library C.C. Main Room Refurbishment	12,200		12,200				
16130	Online booking - Customer interface assessment	40,700	40,700					
16131	Recreation AED Program	10,400		10,400				
16132	Recreation Aquatic Equipment	65,400		65,400				
16133	Recreation Fitness Equipment	138,400		138,400				
16134	Recreation Pool Grouting	47,300		47,300				
16135	Recreation Program Equipment	69,400		69,400				
16136	Recreation Table and Chairs replacement	53,600		53,600				
16137	Rouge River C.C. Sign Replacement	10,000		10,000				
16138	Sport Development Initiatives	71,200	71,200					
16139	St. Robert Dome Emergency Lights	6,100		6,100				
16140	Thornhill C.C. HVAC/Control Replacement	587,200		587,200				
16141	Thornlea Pool Ceramic Tile Replacement	36,900		36,900				
16142	Thornlea Pool Gym Wall Padding	17,300		17,300				
16143	Thornlea Pool Lifeguard chair	17,900		17,900				
16144	Unionville Train Station Kitchen Replacement	11,800		11,800				
16145	Water St Carpet replacement	30,600		30,600				
16146	Integrated Leisure Master Plan (ILMP)	50,900	50,900					
	TOTAL Recreation Services	**2,792,900**	**203,500**	**2,589,400**	-	-	-	
	Markham Public Library							
16147	Customer Service Improvement (E-Resources) - Phase 2 of 5	40,000	40,000					
16148	Library Collections	2,140,800		2,140,800				
16149	Replace Library Furniture, Equipment & Shelving	133,500		133,500				
	TOTAL Markham Public Library	**2,314,300**	**40,000**	**2,274,300**	-	-	-	
	Operations - Roads							
16150	Asphalt Resurfacing	5,444,000		1,377,000			4,067,000	Gas Tax
16151	City Owned Fence Replacement Program	38,100		38,100				
16152	Don Mills Storm Channel	18,600		18,600				

CITY OF MARKHAM
2016 CAPITAL AND OTHER PROGRAMS BUDGET
by Department

#	Project Description	Total	Operating Non-Life Cycle	Operating Life Cycle	DC - Reserve	DC - Developer	Other	Description of Other Funding
16153	Emergency Repairs	103,500		103,500				
16154	Guiderail- Install/Repair/Upgrade	161,000		161,000				
16155	John St. Median Rehabilitation	147,300		147,300				
16156	Localized Repairs - Curb & Sidewalk	535,700		535,700				
16157	Parking Lots - Localized Repairs	50,000		50,000				
16158	Parking Lots- Rehabilitation	157,200		157,200				
16159	Public Works Facility Master Plan	61,100			61,100			
16160	Storm Sewer Inspection	103,300		103,300				
16161	Winter Maintenance Vehicles	300,000			300,000			
	TOTAL Operations - Roads	**7,119,800**	**-**	**2,691,700**	**361,100**	**-**	**4,067,000**	
	Operations - Parks							
16162	City Park Furniture / Amenities	137,400		137,400				
16163	Court Resurfacing/Reconstruction	399,400		334,300			65,100	Tennis Clubs
16164	Electrical & Cabling	35,500		35,500				
16165	Emerald Ash Borer Program - Year 4 of 5	4,132,800					4,132,800	Emerald Ash Borer (EAB)
16166	Fence (Backstop and Outfield) Replacement	100,000		100,000				
16167	Floodlights, Poles & Cross Arms Replacement	235,600		235,600				
16168	Gazebo Replacement	154,900		154,900				
16169	Goal Posts Replacement	28,900		28,900				
16170	Growth Related Parks Improvements	1,179,400	117,940		1,061,460			
16171	Markham Trees for Tomorrow	120,000					120,000	Trees for Tom. Reserve
16172	Parks Backflow Prevention Program- Year 2 of 2	150,000		150,000				
16173	Pathways Resurfacing & Stairways Repairs	226,900		226,900				
16174	Playstructure Replacement	400,000		400,000				
16175	Public Realm-Markham's Shared Places Our Spaces	150,000	150,000					
16176	Sportsfield Maintenance & Reconstruction	121,800		121,800				
16177	Waterplay Replacement	258,200		258,200				
	TOTAL Operations - Parks	**7,830,800**	**267,940**	**2,183,500**	**1,061,460**	**-**	**4,317,900**	
	Operations - Traffic							
16178	Pedestrian Accessibility Improvements -Phase 6 of 8	381,200	381,200					
16179	Traffic Operational Improvements	30,500	30,500					
	TOTAL Operations - Traffic	**411,700**	**411,700**	**-**	**-**	**-**	**-**	
	Operations - Fleet							
16180	Corporate Fleet Refurbishing	36,100		36,100				
16181	Corporate Fleet Replacement - Fire	104,400		104,400				

CITY OF MARKHAM
2016 CAPITAL AND OTHER PROGRAMS BUDGET
by Department

#	Project Description	Total	Operating Non-Life Cycle	Operating Life Cycle	DC - Reserve	DC - Developer	Other	Description of Other Funding
16182	Corporate Fleet Replacement - Non-Fire	1,019,500		1,019,500				
16183	New Fleet - Fire	25,400			25,400			
16184	New Fleet - Roads	71,200			71,200			
16185	Waterworks Fleet Replacement	264,600					264,600	Waterworks Reserve
	TOTAL Operations - Fleet	**1,521,200**	**-**	**1,160,000**	**96,600**	**-**	**264,600**	
	Asset Mgmt - Facility Assets							
16000	Accessibility Retrofit Program	181,200		131,200			50,000	Grant
16186	8100 Warden Facility Improvements	113,700		113,700				
16187	Building Condition Audit - FTE	135,600		135,600				
16188	Building Envelope/Structural Review	76,500		76,500				
16189	Civic Centre Improvements	130,200		130,200				
16190	Civic Centre Site Safety&Accessibility Impr - Phase 2	471,000		471,000				
16191	Corporate Accommodations	348,100		348,100				
16192	Corporate Security Operations & System Upgrades	486,200		486,200				
16193	Fire Facility Improvements	246,600	30,450	216,150				
16194	Library Facility Improvements	148,700		148,700				
16195	Markham Tennis Clubhouse Re-construction	150,000		76,000			74,000	Tennis Clubs
16196	Municipal Building Backflow Prevention Testing	20,300		20,300				
16197	Museum - Markham Little Theatre	67,000		67,000				
16198	Operations Facilities Improvements	466,000		466,000				
16199	Other Facility Improvements	125,800		125,800				
16200	Recycling Depot Improvements	49,300		49,300				
16201	Roofing Maintenance and Repair	44,000		44,000				
16202	Roofing Replacement Projects	1,000,700		1,000,700				
16203	Satellite Community Centre Improvements	119,600		119,600				
16204	SECCL Emergency Reception Centre - Power Supply	610,600	61,056		549,544			
16205	Tennis Clubhouse Improvements	23,300		12,200			11,100	Tennis Clubs
16250	Main Street Unionville Washrooms	35,600	35,600					
16249	Storage Shed at Unionville Bandstand	5,000	5,000					
	TOTAL Asset Mgmt - Facility Assets	**5,055,000**	**132,106**	**4,238,250**	**549,544**	**-**	**135,100**	
	Asset Mgmt -Environmental Assets							
16206	Don Mills Channel - Minor Rehabilitation	101,800					101,800	Stormwater Fee Reserve
16207	Storm Sewer Pipes - Rehabilitation	619,700		619,700				
16208	Stormwater Management Pond - Condition Inspection	51,700		51,700				
16209	Water Quality - Swan Lake and Toogood Pond	87,800		87,800				
16210	West Thornhill Flood Control Construction - Phase 2A	5,941,200					5,941,200	SWF reserve $3.9M, Gas Tax $2M

CITY OF MARKHAM
2016 CAPITAL AND OTHER PROGRAMS BUDGET
by Department

#	Project Description	Total	Operating Non-Life Cycle	Operating Life Cycle	DC - Reserve	DC - Developer	Other	Description of Other Funding
16211	West Thornhill Flood Control Design - Phase 3	641,100					641,100	Stormwater Fee Reserve
	TOTAL Asset Mgmt - Environmental Assets	**7,443,300**	**-**	**759,200**	**-**	**-**	**6,684,100**	
	Asset Mgmt - Right-of-way Assets							
16212	Bridges and Culverts - Condition Inspection	62,000		62,000				
16213	Culverts Rehabilitation (5 Structures) - Design & Const.	1,187,600		1,187,600				(1) See note below
16214	Erosion Restoration at 85 Steelcase Road (Const)	516,400		516,400				
16215	Former Sabiston Landfill - Equipment Maintenance	206,600		206,600				
16216	Former Sabiston Landfill - Management	82,600		82,600				
16217	MNR Monitoring for Capital Projects	15,500		15,500				
16218	Pedestrian Bridge Rehab (7 Structures) - Design & Const.	238,300		238,300				(2) See note below
16219	Retaining Wall Rehabilitation (B043) - Design & Const.	174,000		174,000				(3) See note below
16220	ROW Assets - Structures Program-FTE	134,100		134,100				
16221	Sewer Invert Data Quality Assurance-Year 4 of 5	51,700		51,700				
16222	Streetlights - Miscellaneous Requests	152,600	152,600					
16223	Streetlights - Pole Replacement Program	211,800		211,800				
16224	Streetlights - Underground Cable Replacement/ Repair	2,231,000		2,231,000				
16225	Survey Monument Replacement	27,400		27,400				
	TOTAL Asset Mgmt - Right-of-Way Assets	**5,291,600**	**152,600**	**5,139,000**	**-**	**-**	**-**	
	Waste & Environmental Mgmt							
16226	Replenishing the MESF Reserve - Annual Program	60,000	60,000					
16227	Textile Recycling	130,100	65,100				65,000	FCM grant
	TOTAL Waste & Environmental Mgmt	**190,100**	**125,100**	**-**	**-**	**-**	**65,000**	
	Waterworks							
16228	12 Month Wastewater Flow Monitoring - Ph 4 of 8	81,400					81,400	Waterworks Reserve
16229	Advanced Water &Wastewater Asset Management	503,700					503,700	Waterworks Reserve
16230	Automated ICI High Consumption Water Meter Data Logging	155,600					155,600	Waterworks Reserve
16231	Cathodic Protection of Iron Watermains Program - Annual Prog	555,500					555,500	Waterworks Reserve
16233	IMS - Data Processing Phase 1 of 2	110,000					110,000	Waterworks Reserve
16234	Manhole Sealing - Phase 2 of 5	100,700					100,700	Waterworks Reserve
16235	Sanitary Lateral Inspection - Annual Program	153,900					153,900	Waterworks Reserve
16236	Sanitary Sewer Construction	563,000					563,000	Waterworks Reserve
16237	Sanitary Sewer System Upgrade/Rehab Program	1,024,300					1,024,300	Waterworks Reserve
16238	Sanitary System Downspout Disconnection Prog phase 4 of 4	300,000					300,000	Waterworks Reserve
16239	Sanitary Trunk Sewer and Manhole Inspection	108,600					108,600	Waterworks Reserve
16240	SCADA Master Plan	69,500					69,500	Waterworks Reserve

CITY OF MARKHAM
2016 CAPITAL AND OTHER PROGRAMS BUDGET
by Department

#	Project Description	Total	Operating Non-Life Cycle	Operating Life Cycle	DC - Reserve	DC - Developer	Other	Description of Other Funding
16241	SCADA System Software Enhancement Phase 1 of 2	25,000					25,000	Waterworks Reserve
16242	SMA / DMA data Management and Analysis	87,300					87,300	Waterworks Reserve
16243	Water Meter Replacement/Upgrade - Annual Program	655,000					655,000	Waterworks Reserve
16244	Water System Process Audit - Non Revenue Water	101,800					101,800	Waterworks Reserve
16245	Water System Upgrade Program - Annual Program	316,100					316,100	Waterworks Reserve
16246	Watermain Construction and Replacement Program	4,231,200					4,231,200	Waterworks Reserve
16247	Watermain Construction Design for 2017	803,800					803,800	Waterworks Reserve
16248	WW - Environmental Services Overall data Strategy Ph 2/2	76,000					76,000	Waterworks Reserve
	TOTAL Waterworks	**10,022,400**	**-**	**-**	**-**	**-**	**10,022,400**	
	TOTAL Community & Fire Services	**52,849,800**	**1,473,346**	**22,067,850**	**2,068,704**	**150,000**	**27,089,900**	
	TOTAL Projects Under Consideration	**106,060,400**	**3,895,024**	**22,687,635**	**39,998,064**	**150,000**	**39,329,677**	

Pre-Approved Projects

Development Services

Design

#	Project Description	Total	Operating Non-Life Cycle	Operating Life Cycle	DC - Reserve	DC - Developer	Other	Description of Other Funding
16011	Berczy Beckett East Parkette - Design	39,200			35,280		3,920	Non-DC Growth
16012	Berczy Beckett NE Parkette - Design	24,500			22,050		2,450	Non-DC Growth
16013	Berczy Beckett NE Parkette - Construction	245,000			220,500		24,500	Non-DC Growth
16015	Berczy Beckett Neighborhood Park - Design	73,500			66,150		7,350	Non-DC Growth
16016	Berczy Beckett NW Park (Next to School) - Design	73,500			66,150		7,350	Non-DC Growth
16018	Berczy Beckett NW Parkette - Design	23,500	2,350		21,150			
16020	Box Grove Rizal Avenue Neighborhood Park - Design	142,100			127,890		14,210	Non-DC Growth
16025	Cornell Madison Rouge Blvd. Park North - Design	39,200	3,920		35,280			
16027	Cornell Madison Rouge Blvd. Park South - Design	39,200	3,920		35,280			
16031	Leitchcroft Community Park Phase 2 - Design	114,700	11,470		103,230			
16032	Main Street Milliken NW Parkette (Design and Construction)	264,600	26,460		238,140			
16033	Markham Centre Rouge Valley Drive West N.P. - Design	120,200	12,020		108,180			
16034	Markham Village Library Square - Phase 1 Construction	1,933,400			885,060		1,048,340	Grant $950k, Non-DC $98k
	TOTAL Design	**3,132,600**	**60,140**	**-**	**1,964,340**	**-**	**1,108,120**	

Engineering

#	Project Description	Total	Operating Non-Life Cycle	Operating Life Cycle	DC - Reserve	DC - Developer	Other	Description of Other Funding
16040	Highway 404 Mid-block Crossing, North of Hwy 7: $38.4m	929,800			929,800			
16041	Highway 404 Ramp Extension, North of Hwy 7	12,346,400			12,346,400			
16045	Main Street Markham Hwy 407 to Hwy 7-Utility Installation	98,400			98,400			

CITY OF MARKHAM
2016 CAPITAL AND OTHER PROGRAMS BUDGET
by Department

#	Project Description	Total	Operating Non-Life Cycle	Operating Life Cycle	DC - Reserve	DC - Developer	Other	Description of Other Funding
	TOTAL Engineering	**13,374,600**	**-**	**-**	**13,374,600**	**-**	**-**	
	TOTAL Development Services	**16,507,200**	**60,140**	**-**	**15,338,940**	**-**	**1,108,120**	
	Community & Fire Services							
	Asset Mgmt - Right-of-way Assets							
16213	Culverts Rehabilitation (5 Structures) - Design & Const.	243,300		243,300				(1) See note below
16218	Pedestrian Bridge Rehab (7 Structures) - Design & Const.	48,900		48,900				(2) See note below
16219	Retaining Wall Rehabilitation (B043) - Design & Const.	35,600		35,600				(3) See note below
	TOTAL Asset Mgmt - Right-of-Way Assets	**327,800**	**-**	**327,800**	**-**	**-**	**-**	
	TOTAL Community & Fire Services	**327,800**	**-**	**327,800**	**-**	**-**	**-**	
	TOTAL Pre-Approval Requests	**16,835,000**	**60,140**	**327,800**	**15,338,940**	**-**	**1,108,120**	
	TOTAL Projects	**122,895,400**	**3,955,164**	**23,015,435**	**55,337,004**	**150,000**	**40,437,797**	

Notes:

(1) Pre-approval request was for $243,300 for design only

(2) Pre-approval request was for $48,900 for design only

(3) Pre-approval request was for $35,600 for design only

Appendix 4

CITY OF MARKHAM - 2016 OPERATING BUDGET
Planning & Design

Description	2015 Budget	2016 Budget	2016 Bud. vs. 2015 Bud. $ Incr./(Decr.)	% Change
Revenues				
USER FEES & SERVICE CHARGES	$7,248,809	$7,978,749	$729,940	10.1%
Total Revenues	**$7,248,809**	**$7,978,749**	**$729,940**	**10.1%**
Expenses				
SALARIES AND BENEFITS	$5,762,870	$5,839,997	$77,127	1.3%
PRINTING & OFFICE SUPPLIES	43,092	43,092	0	0.0%
OPERATING MATERIALS & SUPPLIES	6,803	6,803	0	0.0%
COMMUNICATIONS	16,269	16,269	0	0.0%
TRAVEL EXPENSES	29,342	24,342	(5,000)	-17.0%
TRAINING	15,000	15,000	0	0.0%
CONTRACTS & SERVICE AGREEMENTS	2,272,766	2,177,670	(95,096)	-4.2%
RENTAL/LEASE	3,000	3,000	0	0.0%
PROFESSIONAL SERVICES	38,748	38,748	0	0.0%
LICENCES, PERMITS, FEES	22,995	22,995	0	0.0%
CREDIT CARD SERVICE CHARGES	1,823	1,823	0	0.0%
PROMOTION & ADVERTISING	4,365	4,365	0	0.0%
OTHER EXPENDITURES	(5,000)	0	5,000	-100.0%
Total Expenses	**$8,212,073**	**$8,194,104**	**($17,969)**	**-0.2%**
Deficit Before Draw From Reserves	**($963,264)**	**($215,355)**	**$747,909**	**-77.6%**
DRAW FROM RESERVES	(963,264)	(215,355)	747,909	-77.6%
Net Expenditures/ (Revenues)	**$0**	**$0**	**$0**	**0.0%**

Appendix 5

CITY OF MARKHAM - 2016 OPERATING BUDGET
Engineering

Description	2015 Budget	2016 Budget	2016 Bud. vs. 2015 Bud. $ Incr./(Decr.)	% Change
Revenues				
USER FEES & SERVICE CHARGES	$5,027,032	$6,116,825	$1,089,793	21.7%
RECOVERIES & CONTRIBUTIONS	64,996	64,996	0	0.0%
Total Revenues	**$5,092,028**	**$6,181,821**	**$1,089,793**	**21.4%**
Expenses				
SALARIES AND BENEFITS	$4,444,186	$4,588,718	$144,532	3.3%
PRINTING & OFFICE SUPPLIES	32,000	22,000	(10,000)	-31.3%
OPERATING MATERIALS & SUPPLIES	11,000	13,000	2,000	18.2%
COMMUNICATIONS	27,500	23,500	(4,000)	-14.5%
TRAVEL EXPENSES	15,000	15,000	0	0.0%
TRAINING	14,500	14,500	0	0.0%
CONTRACTS & SERVICE AGREEMENTS	1,935,388	2,233,676	298,288	15.4%
MAINTENANCE & REPAIR	3,000	3,000	0	0.0%
RENTAL/LEASE	6,000	6,000	0	0.0%
PROFESSIONAL SERVICES	45,000	15,000	(30,000)	-66.7%
LICENCES, PERMITS, FEES	31,000	32,222	1,222	3.9%
OTHER EXPENSES	2,000	2,000	0	0.0%
Total Expenses	**$6,566,574**	**$6,968,616**	**$402,042**	**6.1%**
Deficit Before Draw From Reserves	**($1,474,546)**	**($786,795)**	**$402,042**	**-27.3%**
DRAW FROM RESERVES	(1,474,546)	(786,795)	687,751	-46.6%
Net Expenditures/ (Revenues)	**$0**	**$0**	**$0**	**0.0%**

CITY OF MARKHAM - 2016 OPERATING BUDGET
Building Standards

Description	2015 Budget	2016 Budget	2016 Bud. vs. 2015 Bud. $ Incr./(Decr.)	2016 Bud. vs. 2015 Bud. % Change
Revenues				
LICENCES & PERMITS	$7,035,112	$6,997,009	($38,103)	-0.5%
USER FEES & SERVICE CHARGES	30,140	30,140	0	0.0%
Total Revenues	**$7,065,252**	**$7,027,149**	**($38,103)**	**-0.5%**
Expenses				
SALARIES AND BENEFITS	$5,774,296	$5,872,851	$98,555	1.7%
PRINTING & OFFICE SUPPLIES	57,000	57,000	0	0.0%
OPERATING MATERIALS & SUPPLIES	23,740	23,740	0	0.0%
COMMUNICATIONS	35,800	35,800	0	0.0%
TRAVEL EXPENSES	6,000	6,000	0	0.0%
TRAINING	26,000	26,000	0	0.0%
CONTRACTS & SERVICE AGREEMENTS	2,555,923	2,569,101	13,178	0.5%
PROFESSIONAL SERVICES	10,500	10,500	0	0.0%
LICENCES, PERMITS, FEES	25,000	25,000	0	0.0%
CREDIT CARD SERVICE CHARGES	15,000	15,000	0	0.0%
Total Expenses	**$8,529,259**	**$8,640,992**	**$111,733**	**1.3%**
Deficit Before Draw From Reserves	**($1,464,007)**	**($1,613,843)**	**($149,836)**	**10.2%**
DRAW FROM RESERVES	(1,464,007)	(1,613,843)	(149,836)	10.2%
Net Expenditures/ (Revenues)	**$0**	**$0**	**$0**	**0.0%**

CITY OF MARKHAM - 2016 OPERATING BUDGET
Waterworks

Description	2015 Budget	2016 Budget	2016 Bud. vs. 2015 Bud. $ Incr./(Decr.)	% Change
Revenues				
BILLINGS	100,437,839	113,975,119	13,537,280	13.5%
USER FEES & SERVICE CHARGES	645,410	581,020	(64,390)	-10.0%
SALES	298,830	366,120	67,290	22.5%
RECOVERIES & CONTRIBUTIONS	372,500	372,500	0	0.0%
Total Revenues	**$101,754,579**	**$115,294,759**	**$13,540,180**	**13.3%**
Expenses				
SALARIES AND BENEFITS	$7,222,734	$7,363,628	$140,894	2.0%
PRINTING & OFFICE SUPPLIES	33,292	33,292	0	0.0%
OPERATING MATERIALS & SUPPLIES	126,705	131,705	5,000	3.9%
CONSTRUCTION MATERIALS	630,347	610,347	(20,000)	-3.2%
UTILITIES	55,759	55,759	0	0.0%
COMMUNICATIONS	106,641	101,641	(5,000)	-4.7%
TRAVEL EXPENSES	47,000	47,000	0	0.0%
TRAINING	56,250	57,483	1,233	2.2%
CONTRACTS & SERVICE AGREEMENTS	3,146,400	3,175,650	29,250	0.9%
MAINTENANCE & REPAIRS	399,956	399,956	0	0.0%
RENTAL/LEASE	6,000	6,000	0	0.0%
PROFESSIONAL SERVICES	113,000	113,000	0	0.0%
LICENCES, PERMITS, FEES	54,800	54,800	0	0.0%
CREDIT CARD SERVICE CHARGES	250	250	0	0.0%
PROMOTION & ADVERTISING	3,000	3,000	0	0.0%
CONTRACTED MUNICIPAL SERVICES	73,794,495	84,774,361	10,979,866	14.9%
OTHER PURCHASED SERVICES	2,336,094	2,380,933	44,839	1.9%
WRITE-OFFS	25,000	25,000	0	0.0%
Total Expenses	**$88,157,723**	**$99,333,805**	**$11,176,082**	**12.7%**
Surplus Before Transfer To Reserve	**$13,596,856**	**$15,960,954**	**$2,364,098**	**17.4%**
Transfer to Reserve	13,596,856	15,960,954	2,364,098	17.4%
Net Expenditures/ (Revenues)	**$0**	**$0**	**$0**	**0.0%**