

CITY OF MARKHAM
2019 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								
<i>Culture</i>								
19001	Public Art Program	145,000	45,000				100,000	Public Art acquisition reserve
	TOTAL Culture	145,000	45,000	-	-	-	100,000	
<i>Museum</i>								
19002	Chapman House Community Kitchen	586,200	126,720	225,000			234,480	Federal Grant - Cultural Spaces
19003	Museum Site and Facility Maintenance	104,300		104,300				
19004	Wilson Variety Hall Usage Study - Phase 1 of 2	15,300	15,300					
	TOTAL Museum	705,800	142,020	329,300	-	-	234,480	
<i>Theatre</i>								
19005	Audio Consoles & Microphone Replacement	344,100		344,100				
19006	Building Envelope Repairs	255,500		255,500				
19007	Facility & Stage Maintenance	34,300		34,300				(1) see note below
19008	Furniture & Carpet Replacement	140,400		140,400				
19009	Highway 7 Theatre Electronic Sign	91,600		91,600				
19010	Unionville High School Boiler Replacement	252,000		252,000				
19261	HVAC Consultation & Design	50,900		50,900				
	TOTAL Theatre	1,168,800	-	1,168,800	-	-	-	
<i>Arts Centres</i>								
19011	Gallery Deacon Room Renovation	22,500		22,500				
	TOTAL Arts Centres	22,500	-	22,500	-	-	-	
<i>Planning</i>								
19012	Accessibility & Age Friendly Design Guidelines	182,400			164,160		18,240	Development Fees
19013	Annual York Region Employment Survey	38,000			34,200		3,800	Development Fees
19014	Consultant Studies	97,000			87,300		9,700	Development Fees
19015	Designated Heritage Property Grant Program Yr 3 of 3	30,000					30,000	Heritage Reserve
19016	Heritage Façade Improvements/Sign Replacement	15,000	15,000					
19017	Natural Heritage System Study - Phase 1 of 2	81,400	81,400					
19019	Future Urban Area Natural Heritage Restoration Plan	45,800			27,720		18,080	TRCA & Development Fees
19020	Housing Strategy	100,000			90,000		10,000	Development Fees
19021	LPAT/OMB - Growth Related Hearings	305,300			274,770		30,530	Development Fees
19022	Planning & Design Staff Salary Recovery	498,300			498,300			
19023	Secondary Plans	178,100			160,290		17,810	(2) see note below
	TOTAL Planning	1,571,300	96,400	-	1,336,740	-	138,160	
<i>Design</i>								
19024	Berczy Beckett East Park - Design and Constr.	553,800			498,420		55,380	Parks Cash-in-Lieu
19025	Box Grove Park Pavilion and Washrooms - Design	138,400			124,560		13,840	Parks Cash-in-Lieu

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19026	Cornell Centre NP and Woodlot -Construction	996,800			897,120		99,680	Parks Cash-in-Lieu
19027	Cornell Park Maintenance Building - Construction	1,107,600			996,840		110,760	Parks Cash-in-Lieu
19028	Markham Centre Rougeside Promenade Parks - Design	214,900			193,410		21,490	Parks Cash-in-Lieu
19029	Wismer Greenspire Parkette - Design and Construction	548,300			493,470		54,830	Parks Cash-in-Lieu
TOTAL Design		3,559,800	-	-	3,203,820	-	355,980	
Engineering								
19030	Active Transportation Awareness Program	86,500			56,225		30,275	35% Non-DC Growth
19031	Bike Sharing Implementation Plan	35,500			35,500			
19032	Downstream Improvements Program (Design)	228,500		79,975	148,525			
19033	Elgin Mills Road Environmental Condition Study	347,900			347,900			
19035	Hwy 404 Midblock Crossing, N of 16th Ave & Cachet Woods	10,894,800			10,894,800			
19036	Intersection Improvements (Construction)	1,862,900			652,015		1,210,885	65% Non-DC Growth
19037	John Street Multi-Use Pathway (MUP) (Construction)	4,697,400			3,053,310		1,644,090	Non-DC Growth, OMCC Grant
19038	Markham Road Multi-Use Pathway Cross-rides (Design)	59,100			38,415		20,685	35% Non-DC Growth
19039	Sidewalk Program (Design)	452,000			336,372		115,628	25.6% Non-DC Growth
19041	Markham Centre Trails EA for Areas 1, 2 and 4	330,300			214,695		115,605	Section 37
19042	Miller Pond Site Preparation and Property Acquisition	14,330,000			14,330,000			
19043	Municipal Inspection and Construction Guidelines Update	31,000			31,000			
19044	North Markham Transportation Needs Assessment	577,200			577,200			
19045	Smart Commute Markham - Richmond Hill	76,300			76,300			
19046	Staff Salary Recovery	733,200			733,200			
19047	Stormwater Thermal Cooling Pilot Project	232,900			232,900			
19048	Streetlight Program (Construction)	1,762,900			1,762,900			
19049	Streetlighting Program (Design)	175,100			175,100			
19050	Traffic Operational Improvements	88,900	88,900					
19051	Traffic Safety Audit (City-wide)	175,400			114,010		61,390	35% Non-DC Growth
19052	Traffic Signal Assets Replacement	187,400		187,400				
19260	Whistle Cessation for 3 Rural Crossings	173,500					173,500	Carry fwd. \$130k, ROY \$43k
TOTAL Engineering		37,538,700	88,900	267,375	33,810,367	-	3,372,058	
TOTAL Development Services		44,711,900	372,320	1,787,975	38,350,927	-	4,200,678	
Corporate Services								
ITS								
19053	Finance - Tax System Upgrade	50,900	50,900					
19055	Library - Tablets	28,700	28,700					
19059	ES - Waste Depots - Internet Connectivity & Computers	13,700	13,700					
19060	Waterworks - Computer Truck Mounts & Toughbooks	172,000					172,000	Waterworks Reserve
19061	ITS - Additional Adobe Licenses	50,600	50,600					
19062	ITS - Infrastructure Support Specialist	120,700		96,560			24,140	\$9.7k Dev Fee;\$7.2k WW;\$7.2k Bld Fee
19063	ITS - Life Cycle Asset Replacement	1,836,500		1,526,993			309,507	\$217k Dev Fee; \$93k WW
19258	Rec. & Legis. Services - Bus. Support for New Systems	168,500		154,600			13,900	\$5.5k Dev Fee;\$4.2k WW; \$4.2k Bld Fee
TOTAL ITS		2,441,600	143,900	1,778,153	-	-	519,547	

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Finance								
19064	Internal Project Management	877,000			877,000			
	TOTAL Finance	877,000	-	-	877,000	-	-	
Sustainability Office								
19066	Facility Energy Management Program	245,200					245,200	(3) see note below
19067	Greenprint Community Sustainability Plan	50,900	50,900					
	TOTAL Sustainability Office	296,100	50,900	-	-	-	245,200	
Asset Management								
19068	8100 Warden Facility Improvements	143,700		143,700				
19069	Accessibility Retrofit Program	50,000		50,000				
19070	Bird Safe Film	51,000		51,000				
19071	Building Condition Audit Program	143,900		143,900				
19072	Civic Centre Improvements	400,400		400,400				
19074	Corporate Accommodations	525,000		255,000			270,000	Building Fee Reserve
19075	Corporate Security Operations & System Replacements	556,300		556,300				
19076	Fire Facility Improvements	125,800		125,800				
19077	Library Facility Improvements	81,700		81,700				
19079	Municipal Building Backflow Prevention Survey & Testing	56,100		56,100				
19081	Operations Facilities Improvements	97,200		97,200				
19082	Other Facility Improvements	233,800		233,800				
19083	Recycling Depot Improvements	20,600		20,600				
19084	Roofing Maintenance and Repair	91,800		91,800				
19085	Roofing Repairs & Replacement Projects	968,140		968,140				(4) see note below
19086	Salt Barn	330,300			330,300			(5) see note below
19087	Satellite Community Centre Improvements	122,600		92,510			30,090	Community Boards
19088	Stabilization of Structures at 3565 19th Avenue	752,000	752,000					
19089	Unionville Library LED Lighting Upgrade - Add'l Funding	50,900		50,900				
19259	115 & 135 Torbay Road Buildings Demolition	1,000,000					1,000,000	Stormwater Fee
	TOTAL Asset Management	5,801,240	752,000	3,418,850	330,300	-	1,300,090	
	TOTAL Corporate Services	9,415,940	946,800	5,197,003	1,207,300	-	2,064,837	
Community & Fire Services								
Fire & Emergency Services								
19090	Air Cylinder Replacement	8,800		8,800				
19091	Bunker Gear Replacement	9,000		9,000				
19092	Fire Station - Markham Centre - Design	413,200			413,200			
19093	Firefighting Tools & Equipment Replacement	96,700		96,700				
19094	Hazardous Materials Photo Ion/HCN Detectors Replacement	8,000		8,000				
19096	Rapid Intervention Crew Rescue Packs Replacement	16,300		16,300				
19097	Replacement of Equipment due to Staff Retirements	93,400		93,400				
19098	Safety Equipment - Medical Simulator	8,900		8,900				
	TOTAL Fire & Emergency Services	654,300	-	241,100	413,200	-	-	

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Recreation Services								
19099	Angus Glen C.C. Mixing Valves	32,600		32,600				
19100	Angus Glen C.C. Boiler Tank Relining	14,200		14,200				
19101	Angus Glen C.C. Library Carpet	68,200		68,200				
19102	Angus Glen C.C. Library Hanger System	20,400		20,400				
19103	Angus Glen C.C. Power Washers	24,400		24,400				
19104	Angus Glen C.C. Pump Replacement	26,500		26,500				
19105	Angus Glen C.C. Score Clock Replacement	25,400		25,400				
19106	Angus Glen C.C. Vestibule Heaters	13,300		13,300				
19107	Angus Glen C.C. Wayfinding Signage	36,800		36,800				
19108	Angus Glen Tennis Centre Clubhouse Painting	18,400		18,400				
19109	Angus Glen Tennis Centre Netting	20,500		20,500				
19110	Arena Ice Plant Monitoring System	131,100		131,100				
19111	Armadale C.C. Flooring	46,000		46,000				
19112	Armadale C.C. Exhaust Fan Replacement	22,900		22,900				
19113	Armadale C.C. Heater Replacement	21,700		21,700				
19114	Camp Chimo Canoe Dock	5,100		5,100				
19115	Camp Chimo Challenge Course Equipment	21,400		21,400				
19116	Centennial C.C. Pool Equipment Refurbishment	18,800		18,800				
19117	Clatworthy Arena - Audio Equipment	14,800		14,800				
19118	Clatworthy Arena - Walk Behind Floor Scrubber	9,700		9,700				
19119	Clatworthy Arena Condensor	85,400		85,400				
19120	Cornell C.C. Chlorine Tanks Relocation	10,200	10,200					
19121	Cornell C.C. Fitness Sauna Wood replacement	24,000		24,000				
19122	Crosby C.C. Ceiling Tile	31,500		31,500				
19123	Crosby C.C. Low Emissivity Ceiling	71,500		71,500				
19125	Heintzman House Industrial Refrigerator	6,700		6,700				
19127	ILMP - Optimization of Outdoor Sport Fields	35,600	35,600					
19129	Milliken Mills C.C. Library, Pool & Arena Doors	109,900		109,900				
19130	Milliken Mills C.C. Exhaust Fan Replacement	78,900		78,900				
19131	Milliken Mills C.C. Pool Mechanical Replacement	255,400		255,400				
19132	Milliken Mills C.C. Pool Pressure Washer Replacement	10,200		10,200				
19133	Milliken Mills C.C. Pool Ramp Tile Conversion	40,700		40,700				
19134	Milliken Mills C.C. Storage Unit Replacement	113,700		113,700				
19135	Milliken Mills C.C. Vinyl Tile Replacement	37,700		37,700				
19136	Milliken Mills C.C. West Patio Restoration	129,700		129,700				
19137	Milliken Mills CC-Universal Change Room - Phase 2 of 2	1,361,600	566,800	794,800				
19138	Morgan Pool Revitalization - Construction Phase 2 of 2	2,335,400		2,335,400				
19139	Mt Joy C.C. Arena Scoreclock	12,700		12,700				
19140	Mt Joy C.C. Painting	42,700		42,700				
19141	Mt Joy CC Indoor Soccer Lighting Replacement	40,700		40,700				
19142	Old Unionville Library Electrical Replacement	5,300		5,300				
19144	Pingle House Carpet Replacement	5,300		5,300				
19145	Recreation AED Program	18,100		18,100				
19146	Recreation Aquatic Equipment	70,400		70,400				

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19147	Recreation Fitness Equipment	160,200		160,200				
19148	Recreation Membership Model Study	50,900	50,900					
19149	Recreation Pool Grouting	50,000		50,000				
19150	Recreation Program Equipment	81,200		81,200				
19151	Recreation Tables and Chairs Replacement	52,700		52,700				
19152	Rouge River C.C. Automatic Door Replacement	5,200		5,200				
19153	Rouge River C.C. Flooring Replacement	17,300		17,300				
19154	Rouge River C.C. Mechanical Unit Replacement	120,800		120,800				
19155	Rouge River Overhead Door and Exhaust Fan Replacement	58,900		58,900				
19156	St. Roberts Soccer Dome LED Lighting Replacement	25,400		25,400				
19157	Thornhill C.C. Industrial Kitchen Equipment	7,500		7,500				
19158	Thornhill C.C. Main Hall Refurbishment	60,300		60,300				
19159	Thornhill C.C. Seniors Centre Flooring Refurbishment	24,700		24,700				
19160	Thornhill C.C. Therapy Pool Filter	11,500		11,500				
19161	Thornlea Pool - Air Compressor Replacement	6,800		6,800				
19162	Thornlea Pool - Doors Replacement	27,000		27,000				
19163	Thornlea Pool - Painting	13,000		13,000				
19164	Thornlea Pool LED Lighting Replacement	20,000		20,000				
19165	Thornlea Pool Plumbing Fixture Replacement	21,500		21,500				
19166	Water St. Senior Centre Roof Top Unit (RTU) Replacement	19,500		19,500				
TOTAL Recreation Services		6,359,900	663,500	5,696,400	-	-	-	
Markham Public Library								
19167	Customer Service Improvement (E-Resources) -Phase 5 of 5	52,800	52,800					
19168	Library Collections	2,048,925		2,048,925				(6) see note below
19169	Library Furniture, Equipment & Shelving Replacement	141,000		141,000				
TOTAL Markham Public Library		2,242,725	52,800	2,189,925	-	-	-	
Operations - Roads								
19170	Asphalt Resurfacing	6,730,200		564,402			6,165,798	Gas Tax
19171	Boulevard Repairs	56,200		56,200				
19172	Bridge Structure Preventative Maintenance - Roads	24,800		24,800				
19173	City Owned Entrance Feature Rehabilitation	161,800		161,800				
19174	City Owned Fence Replacement Program	126,400		126,400				
19175	Don Mills Storm Channel	19,400		19,400				
19176	Emergency Repairs	144,000		144,000				
19177	Guiderail- Install/Repair/Upgrade	75,900		75,900				
19178	Incremental Growth Related Winter Maintenance Vehicles	450,000			450,000			
19181	Parking Lots- Rehabilitation	262,100		262,100				
19182	Retaining Walls Program	55,000		55,000				
19183	Storm Water Retention Pond Maintenance Program	27,000		27,000				
TOTAL Operations - Roads		8,132,800	-	1,517,002	450,000	-	6,165,798	

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Operations - Parks								
19184	Bleachers (Metal) Replacement-James Edward Park	11,000		11,000				
19185	Bridge Structure Preventative Maintenance - Parks	24,800		24,800				
19186	Cemetery Fence Repair	21,900		21,900				
19187	City Park Furniture / Amenities	136,400		136,400				
19188	Court Resurfacing/Reconstruction	151,100		151,100				
19189	Fence (Backstop and Outfield) Replacement	167,400		167,400				
19190	Fence (Tennis Courts)	70,800		70,800				
19191	Floodlights, Poles & Cross Arms Replacement	716,200					716,200	Gas Tax
19193	Planter Replacement	29,500		29,500				
19196	Rejuvenation of Community Centres Landscapes-Year 2 of 3	60,000		60,000				
19197	Relamping & Fixtures Refurbishment	35,000		35,000				
19198	Replacement of Recycling Containers	12,100		12,100				
19200	Markham Trees for Tomorrow	122,100	122,100					
19201	Shade Structure Replacement/ Refurbishment	170,400		170,400				
19202	Sportsfield Maintenance & Reconstruction	134,800		134,800				
19203	Stairway Repairs	224,700		224,700				
TOTAL Operations - Parks		2,088,200	122,100	1,249,900	-	-	716,200	
Operations - Fleet								
19204	Corporate Fleet Growth - Non-Fleet	10,200			10,200			
19205	Corporate Fleet Refurbishing	37,000		37,000				
19206	Corporate Fleet Replacement - Fire	1,911,700		1,911,700				
19207	Corporate Fleet Replacement - Non-Fire	2,883,300		2,883,300				
19208	Green Fleet Business Plan and Strategy	101,800	101,800					
19209	Ice Resurfacing Machine Replacement	98,300		98,300				
19211	New Fleet - Fire (Ground Cover Firefighting)	44,800			44,800			
19212	New Fleet - Fire (Markham Centre)	1,420,200			1,420,200			
19213	New Fleet - Parks	140,100			140,100			
19215	New Fleet - Waterworks	32,000					32,000	Waterworks Reserve
TOTAL Operations - Fleet		6,679,400	101,800	4,930,300	1,615,300	-	32,000	
Operations - Utility Inspection & Survey								
19216	German Mills Meadow - Northern Header Upgrade	456,800					456,800	Gas Tax
19217	Survey Monument Replacement	28,600		28,600				
TOTAL Operations - Utility Inspection & Survey		485,400	-	28,600	-	-	456,800	
Operations - Business & Technical Services								
19219	Growth Related Parks Improvements	167,900			151,110		16,790	Non-DC Growth
19220	Public Realm-Markham's Shared Places Our Spaces	55,200	55,200					
TOTAL Operations - Business & Technical Services		223,100	55,200	-	151,110	-	16,790	
Environmental Services - Infrastructure								
19222	Small Culverts Replacement (12 Structures) - Construction	349,200					349,200	Gas Tax
19223	Large Culverts Rehab (3 Structures) - Design & Const.	442,270		442,270				(7) see note below

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19224	MNRF Monitoring for Capital Projects at Water Crossings	16,200		16,200				
19226	Stormwater Pumping Stations - Maintenance	20,700		20,700				
19227	Streetlights - Miscellaneous Requests	152,600	152,600					
19228	Streetlights - Poles Replacement Program	121,800		121,800				
19229	Streetlights - Underground Cable Replacement	1,178,775		1,178,775				(8) see note below
19230	Structures Program-FTE	140,800		140,800				
TOTAL Environmental Services - Infrastructure		2,422,345	152,600	1,920,545	-	-	349,200	
Environmental Services - Stormwater								
19231	Don Mills Channel - Flood Proofing Education Program	152,600					152,600	Stormwater Fee
19232	Erosion Restoration Program	663,900		232,300	431,600			(9) see note below
19233	Oil Grit Separators (OGS) - Inspection and Cleaning	211,300		211,300				
19234	Sewer Invert Data Quality Assurance-Year 5 of 5	54,000		54,000				
19235	Stormwater Facility - Condition Inspection	54,000		54,000				
19236	SWM Pond Cleaning - Ponds ID#43 & ID#70	753,036		-			753,036	(10) see note below
19237	Water Quality Improvements and Geese Control	27,000		27,000				
19238	Water Quality Monitoring	27,000		27,000				
TOTAL Environmental Services - Stormwater		1,942,836	-	605,600	431,600	-	905,636	
Environmental Services - Waste								
19240	Incremental Growth Related Waste Management Vehicles	100,000			100,000			
TOTAL Environmental Services - Waste		100,000	-	-	100,000	-	-	
Environmental Services - Waterworks								
19241	Cathodic Protection of Cast Iron Watermains	427,800					427,800	Waterworks Reserve
19243	CI Watermain and Sanitary Sewer Replacement - Const.	13,730,800					13,730,800	Waterworks Reserve
19244	Water System Improvement - Langstaff Area	35,600					35,600	Waterworks Reserve
19246	Curb Box Inspection and Replacement Program	392,200					392,200	Waterworks Reserve
19247	Fat Oil & Grease (FOG) Program	75,300					75,300	Waterworks Reserve
19249	Sanitary Sewers - Rehabilitation	1,130,600					1,130,600	Waterworks Reserve
19250	Sewer Push Camera Replacement	22,700					22,700	Waterworks Reserve
19251	Wastewater Flow Monitoring - Annual Program	152,600					152,600	Waterworks Reserve
19254	Water System Instruments Replacement	40,700					40,700	Waterworks Reserve
19255	Watermain Leak Detection Program	36,600					36,600	Waterworks Reserve
TOTAL Environmental Services - Waterworks		16,044,900	-	-	-	-	16,044,900	
TOTAL Community & Fire Services		47,375,906	1,148,000	18,379,372	3,161,210	-	24,687,324	
Corporate Wide								
19256	Corporate Capital Contingency	3,539,400		363,419	2,743,330		432,651	Various Other Ext'l & Int'l
TOTAL Corporate Wide		3,539,400	-	363,419	2,743,330	-	432,651	
TOTAL Projects Under Consideration		105,043,146	2,467,120	25,727,769	45,462,767	-	31,385,490	

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<u>Pre-Approved Projects</u>								
<u>Development Services</u>								
<i>Theatre</i>								
	19007 Facility & Stage Maintenance	12,100		12,100				(1) see note below
	<u>TOTAL Theatre</u>	<u>12,100</u>	-	<u>12,100</u>	-	-	-	
<i>Planning</i>								
	19023 Secondary Plans	127,200			114,480		12,720	(2) see note below
	<u>TOTAL Planning</u>	<u>127,200</u>	-	-	<u>114,480</u>	-	<u>12,720</u>	
<i>Engineering</i>								
	19257 Consulting Engineering Services for Highway 404 North Secondary Plan, Ward 2	1,402,357			1,402,357			(11) see note below
	<u>TOTAL Engineering</u>	<u>1,402,357</u>	-	-	<u>1,402,357</u>	-	-	
	<u>TOTAL Development Services</u>	<u>1,541,657</u>	-	<u>12,100</u>	<u>1,516,837</u>	-	<u>12,720</u>	
<u>Corporate Services</u>								
<i>Sustainability Office</i>								
	19066 Facility Energy Management Program	57,000					57,000	(3) see note below
	<u>TOTAL Sustainability Office</u>	<u>57,000</u>	-	-	-	-	<u>57,000</u>	
<i>Asset Management</i>								
	19085 Roofing Repairs & Replacement Projects	101,460		101,460				(4) see note below
	19086 Salt Barn	110,100			110,100			(5) see note below
	<u>TOTAL Asset Management</u>	<u>211,560</u>	-	<u>101,460</u>	<u>110,100</u>	-	-	
	<u>TOTAL Corporate Services</u>	<u>268,560</u>	-	<u>101,460</u>	<u>110,100</u>	-	<u>57,000</u>	
<u>Community & Fire Services</u>								
<i>Fire & Emergency Services</i>								
	19095 Radio Repeaters	32,600			32,600			
	<u>TOTAL Fire & Emergency Services</u>	<u>32,600</u>	-	-	<u>32,600</u>	-	-	
<i>Recreation Services</i>								
	19124 Heintzman House Flooring Refurbishment	9,700		9,700				
	19126 Heintzman House Window Replacement	58,600		58,600				
	19128 Markham Village CC Refirgeration Room Construction	731,500		731,500				
	<u>TOTAL Recreation Services</u>	<u>799,800</u>	-	<u>799,800</u>	-	-	-	
<i>Markham Public Library</i>								
	19168 Library Collections	675,575		675,575				(6) see note below
	<u>TOTAL Markham Public Library</u>	<u>675,575</u>	-	<u>675,575</u>	-	-	-	

CITY OF MARKHAM
2019 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
Operations - Roads								
19179	Localized Repairs - Curb and Sidewalk	886,600		886,600				
19180	Localized Repairs - Parking Lots	257,000		257,000				
	TOTAL Operations - Roads	1,143,600	-	1,143,600	-	-	-	
Operations - Parks								
19192	Pathways Resurfacing	137,100		137,100				
19194	Playstructure Replacement	943,700		943,700				
19195	Playstructure Rubberized Surface Replacement	55,100		55,100				
19199	Replacement/New Boulevard/Park Trees	385,000		385,000				
	TOTAL Operations - Parks	1,520,900	-	1,520,900	-	-	-	
Operations - Business & Technical Services								
19218	Civic Centre Gateway Project	574,200					574,200	Section 37 & YR Streetscape Grant
	TOTAL Operations - Business & Technical Services	574,200	-	-	-	-	574,200	
Environmental Services - Infrastructure								
19221	Bridges and Culverts - Condition Inspection	66,000		66,000				
19223	Large Culverts Rehab (5 Structures) - Design & Const.	332,330		332,330				(7) see note below
19225	Storm and Sanitary Sewers CCTV Inspection Program	260,600		108,000			152,600	Waterworks Reserve
19229	Streetlights - Underground Cable Replacement	117,025		117,025				(8) see note below
	TOTAL Environmental Services - Infrastructure	775,955	-	623,355	-	-	152,600	
Environmental Services - Stormwater								
19232	Erosion Restoration Program	200,000		70,000	130,000			(9) see note below
19236	SWM Pond Cleaning - Ponds ID#43 & ID#70	215,964		215,964				(10) see note below
19239	West Thornhill Flood Control Implementation - Ph 2D Cons.	7,836,900					7,836,900	\$5.8M Stormwater Fee; \$2M Gas Tax
	TOTAL Environmental Services - Stormwater	8,252,864	-	285,964	130,000	-	7,836,900	
Environmental Services - Waterworks								
19242	CI Watermain Replacement - Design	407,000					407,000	Waterworks Reserve
19245	CI Watermain Replacement - West Thornhill Ph 2D Const.	4,454,000					4,454,000	Waterworks Reserve
19248	Sanitary Sewers - Laterals Inspection	170,800					170,800	Waterworks Reserve
19253	Water Meters - Replacement Program	802,500					802,500	Waterworks Reserve
	TOTAL Environmental Services - Waterworks	5,834,300	-	-	-	-	5,834,300	
	TOTAL Community & Fire Services	19,609,794	-	5,049,194	162,600	-	14,398,000	
	TOTAL Pre-Approved Projects	21,420,011	-	5,162,754	1,789,537	-	14,467,720	
	TOTAL Projects	126,463,157	2,467,120	30,890,523	47,252,304	-	45,853,210	

CITY OF MARKHAM
2019 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
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Notes:

- (1) The overall project budget is \$45,300, pre-approval request is \$12,100 for dance floor only
- (2) The overall project budget is \$305,300, pre-approval request is \$127,200 for the secondary plans related to the Markham/Mt Joy Road portion. Other funding source is Development Fees
- (3) The overall project budget is \$302,200, pre-approval request is \$57,000 for operational and programs requirements. Funding source is MECO
- (4) The overall project budget is \$1,069,600, pre-approval request is \$101,460 for design only
- (5) The overall project budget is \$440,400, pre-approval request is \$100,100 for design only
- (6) The overall project budget is \$2,724,500, pre-approval request is \$675,575 to update and replace library collections
- (7) The overall project budget is \$774,600, pre-approval request is \$332,330 for design only
- (8) The overall project budget is \$1,295,800, pre-approval request is \$117,025 for design only
- (9) The overall project budget is \$863,900, pre-approval request is \$200,000 for design only
- (10) The overall project budget is \$969,000, pre-approval request is \$215,964 for design only. Other funding source is Gas Tax
- (11) Preapproved in Council meeting dated September 12, 2018, report entitled "Consulting Engineering Services for the Highway 404 North Secondary Plan, Ward 2"